

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047571.D
 Acq On : 02 Sep 2025 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2025
 Supervised By : Mahesh Dadoda 09/03/2025

Quant Time: Sep 03 02:11:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	228123	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	392262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	357459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	173343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171323	48.905	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.820%		
35) Dibromofluoromethane	5.391	113	135525	50.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.680%		
50) Toluene-d8	8.647	98	458978	48.637	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.079	95	173827	49.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	113409	45.396	ug/l	99
3) Chloromethane	1.313	50	119381	43.753	ug/l	98
4) Vinyl Chloride	1.392	62	143857	44.852	ug/l	98
5) Bromomethane	1.624	94	71004	51.182	ug/l	97
6) Chloroethane	1.703	64	88213	43.288	ug/l	97
7) Trichlorofluoromethane	1.904	101	209321	45.884	ug/l	95
8) Diethyl Ether	2.142	74	86546	47.814	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	128559	47.319	ug/l	99
10) Methyl Iodide	2.465	142	213777	47.534	ug/l	97
11) Tert butyl alcohol	2.959	59	71926	223.378	ug/l	99
12) 1,1-Dichloroethene	2.337	96	129071	44.802	ug/l	93
13) Acrolein	2.246	56	175090	271.259	ug/l	99
14) Allyl chloride	2.678	41	242730	45.992	ug/l	99
15) Acrylonitrile	3.075	53	334186	231.936	ug/l	99
16) Acetone	2.386	43	342021	246.519	ug/l	100
17) Carbon Disulfide	2.526	76	380054	44.366	ug/l	99
18) Methyl Acetate	2.709	43	157334	45.997	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	447818	47.623	ug/l	99
20) Methylene Chloride	2.800	84	156137	44.225	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	142008	46.321	ug/l	99
22) Diisopropyl ether	3.770	45	510225	48.002	ug/l	95
23) Vinyl Acetate	3.727	43	2065499	238.642	ug/l	100
24) 1,1-Dichloroethane	3.617	63	269795	45.680	ug/l	98
25) 2-Butanone	4.556	43	413856	226.663	ug/l	98
26) 2,2-Dichloropropane	4.483	77	202950	47.540	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	171619	45.946	ug/l	99
28) Bromochloromethane	4.904	49	132156	51.850	ug/l #	99
29) Tetrahydrofuran	5.007	42	246949	217.946	ug/l	99
30) Chloroform	5.093	83	278137	46.247	ug/l	97
31) Cyclohexane	5.477	56	216740	44.001	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	223155	45.542	ug/l	99
36) 1,1-Dichloropropene	5.696	75	179167	46.762	ug/l	99
37) Ethyl Acetate	4.715	43	179097	47.425	ug/l	99
38) Carbon Tetrachloride	5.684	117	194160	45.671	ug/l	98
39) Methylcyclohexane	7.379	83	200105	45.286	ug/l	97
40) Benzene	6.038	78	575279	47.030	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95553	53.426	ug/l	98
42) 1,2-Dichloroethane	6.086	62	208658	47.385	ug/l	99
43) Isopropyl Acetate	6.342	43	289233	47.665	ug/l	100
44) Trichloroethene	7.129	130	140569	46.381	ug/l	95
45) 1,2-Dichloropropane	7.428	63	146344	47.498	ug/l	99
46) Dibromomethane	7.580	93	106344	46.886	ug/l	99
47) Bromodichloromethane	7.818	83	222049	47.870	ug/l	100
48) Methyl methacrylate	7.690	41	149316	47.835	ug/l	100
49) 1,4-Dioxane	7.665	88	28872	935.020	ug/l	96
51) 4-Methyl-2-Pentanone	8.568	43	820694	228.905	ug/l	99
52) Toluene	8.714	92	348145	46.703	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	210597	50.395	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	232400	50.190	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	137080	47.138	ug/l	97
56) Ethyl methacrylate	9.116	69	206944	48.071	ug/l	99
57) 1,3-Dichloropropane	9.305	76	236940	47.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	503415	249.250	ug/l	100
59) 2-Hexanone	9.427	43	560537	228.859	ug/l	99
60) Dibromochloromethane	9.519	129	166756	48.000	ug/l	99
61) 1,2-Dibromoethane	9.604	107	140083	47.334	ug/l	99
64) Tetrachloroethene	9.269	164	110453	46.122	ug/l	97
65) Chlorobenzene	10.079	112	391063	46.734	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	137392	48.419	ug/l	99
67) Ethyl Benzene	10.189	91	660225	46.953	ug/l	99
68) m/p-Xylenes	10.299	106	495557	94.884	ug/l	100
69) o-Xylene	10.640	106	241820	48.064	ug/l	100
70) Styrene	10.653	104	430321	49.293	ug/l	100
71) Bromoform	10.799	173	107764	49.875	ug/l #	99
73) Isopropylbenzene	10.957	105	609354	47.773	ug/l	100
74) N-amyl acetate	10.842	43	252216	47.883	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	185778	46.075	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	151093m	48.838	ug/l	
77) Bromobenzene	11.195	156	158709	48.639	ug/l	98
78) n-propylbenzene	11.299	91	719801	47.398	ug/l	100
79) 2-Chlorotoluene	11.360	91	445811	47.336	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	502421	48.174	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35175	44.961	ug/l	97
82) 4-Chlorotoluene	11.451	91	521374	47.181	ug/l	100
83) tert-Butylbenzene	11.713	119	499885	47.548	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	511468	48.112	ug/l	99
85) sec-Butylbenzene	11.890	105	582401	46.039	ug/l	100
86) p-Isopropyltoluene	12.006	119	495015	46.682	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	288174	47.369	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	293552	46.735	ug/l	100
89) n-Butylbenzene	12.329	91	447338	45.707	ug/l	100
90) Hexachloroethane	12.536	117	91395	46.888	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	275450	46.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32962	44.319	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	169598	46.672	ug/l	99
94) Hexachlorobutadiene	13.725	225	52313	41.419	ug/l	98
95) Naphthalene	13.774	128	487359	45.881	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	155108	45.442	ug/l	99

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QLast Update : Fri Aug 29 02:31:18 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

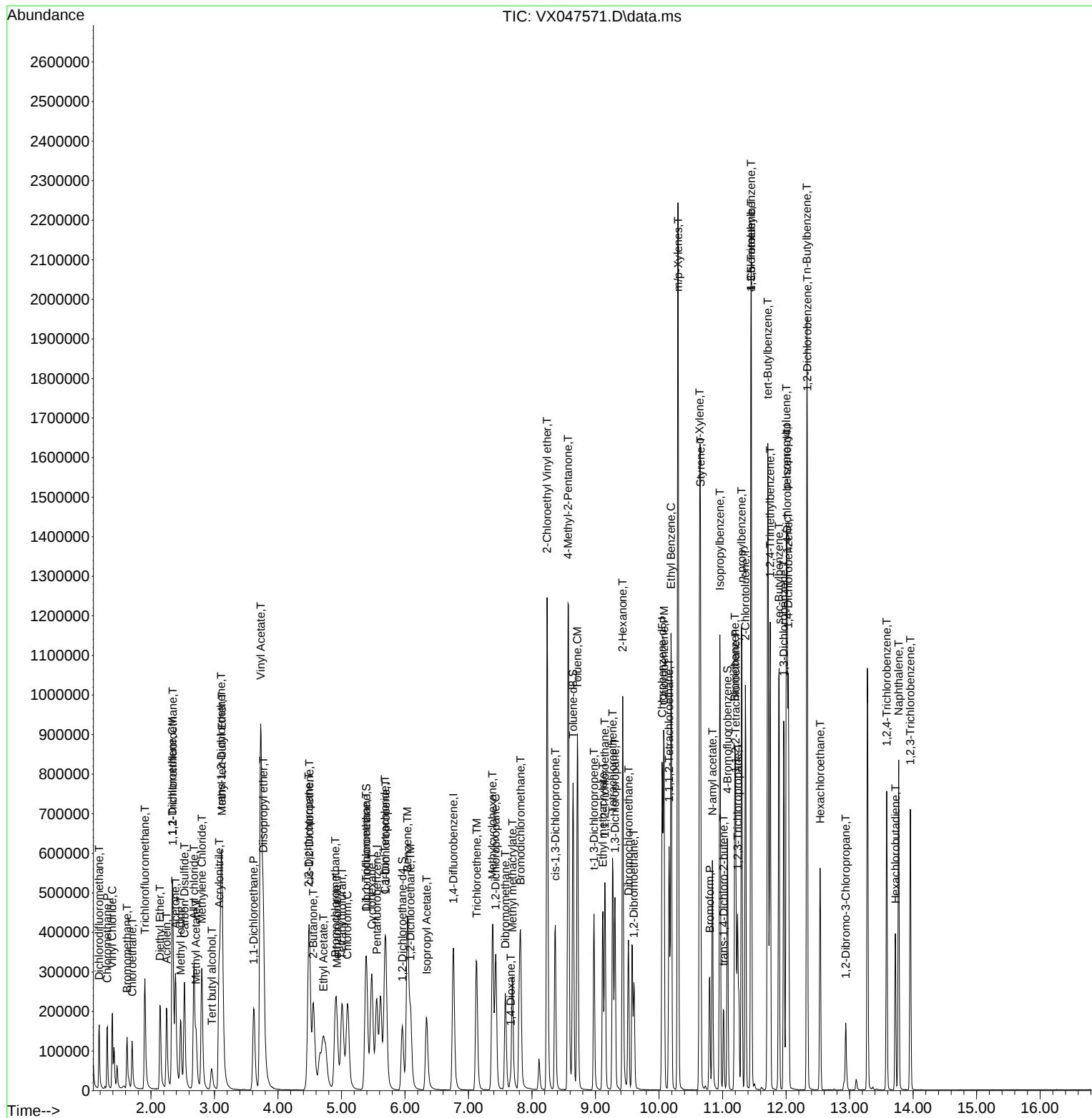
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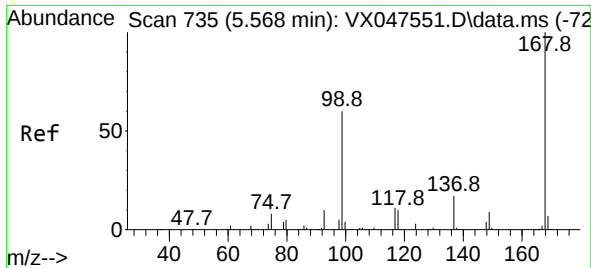
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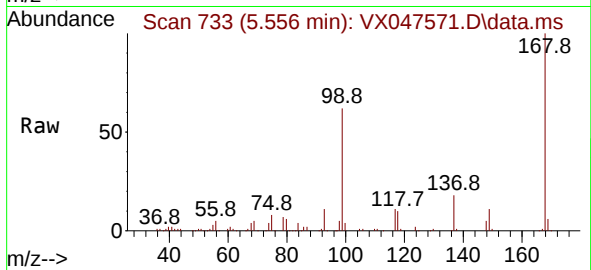
Reviewed By :John Carlone 09/03/2025
 Supervised By :Mahesh Dadoda 09/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

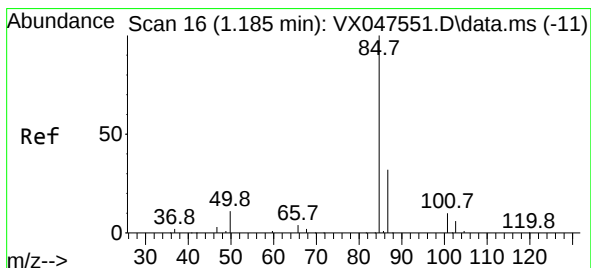
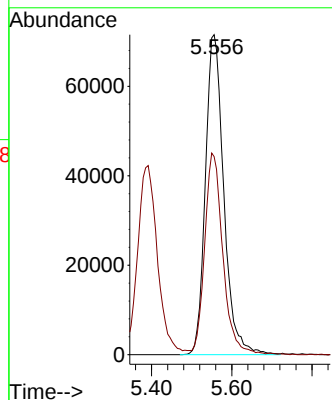
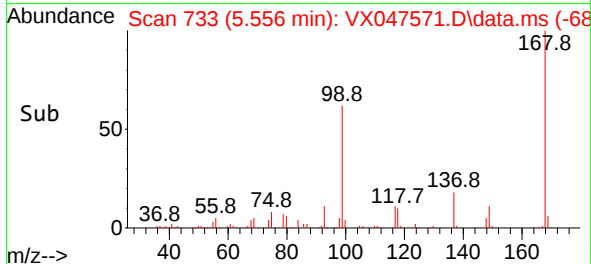
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 22812
Ion Ratio Lower Upper
168 100
99 61.7 48.9 73.3

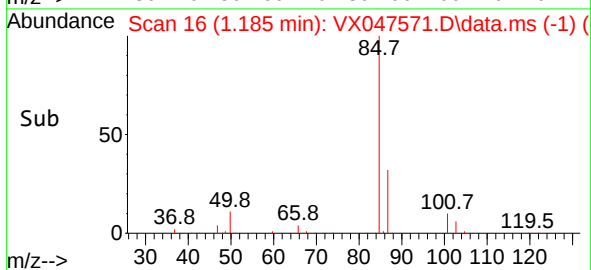
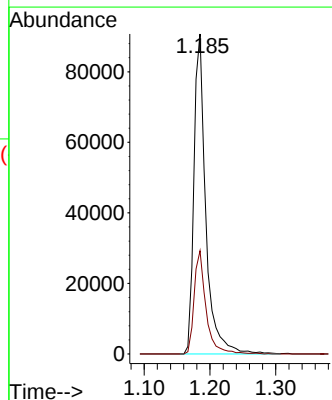
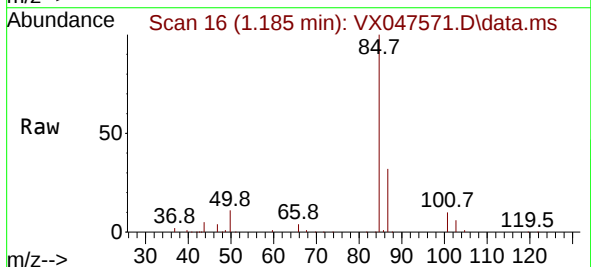
Manual Integrations
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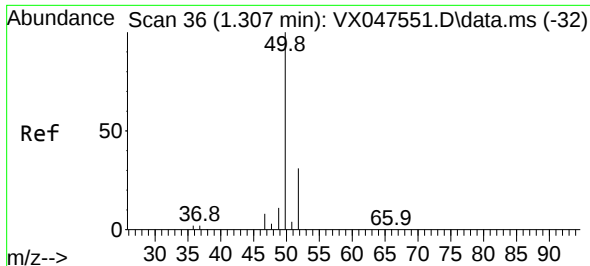
Reviewed By :John Carlone 09/03/2025
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#2
Dichlorodifluoromethane
Concen: 45.396 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion: 85 Resp: 113409
Ion Ratio Lower Upper
85 100
87 32.2 15.9 47.7





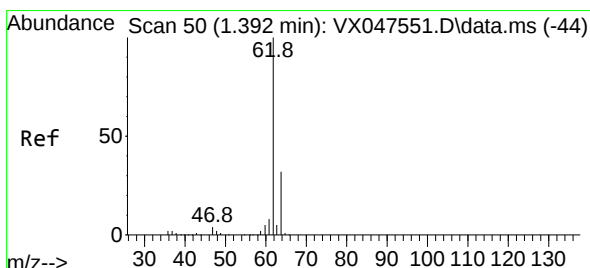
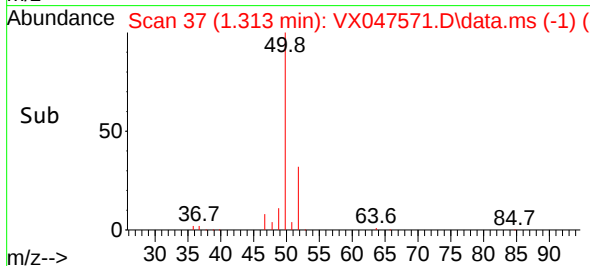
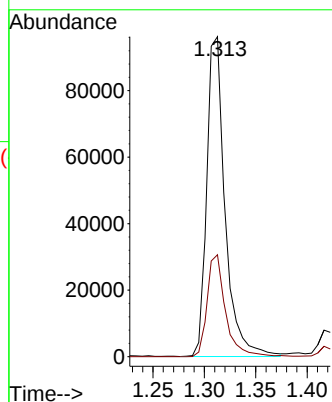
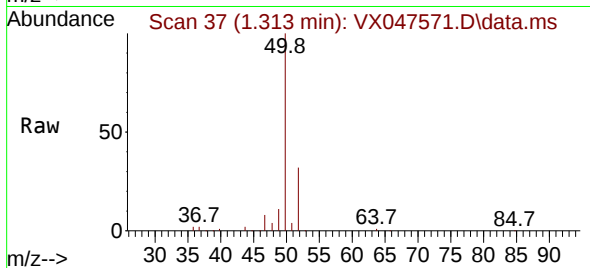
#3
Chloromethane
Concen: 43.753 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 11938
Ion Ratio Lower Upper
50 100
52 31.9 24.6 37.0

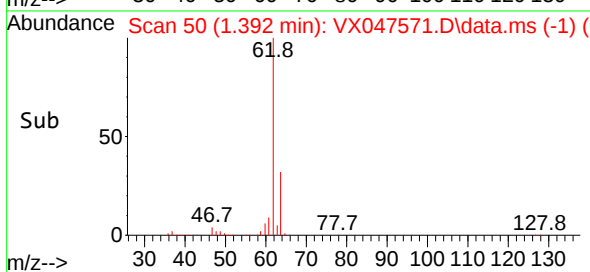
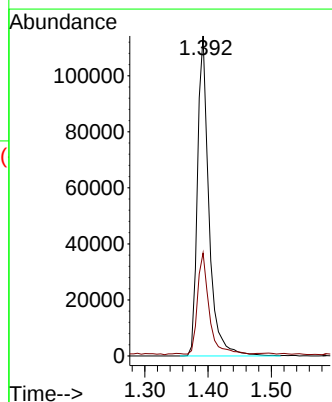
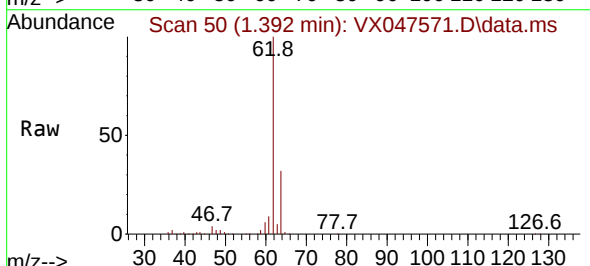
Manual Integrations
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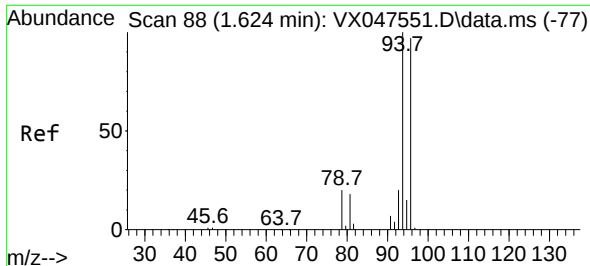
Reviewed By :John Carlone 09/03/2025
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#4
Vinyl Chloride
Concen: 44.852 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

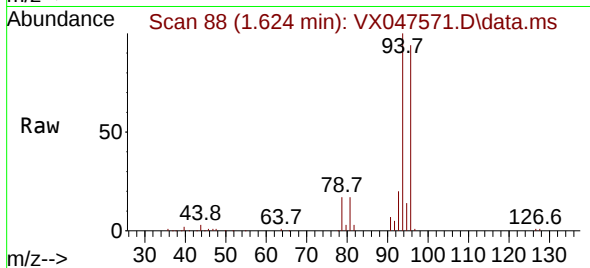
Tgt Ion: 62 Resp: 143857
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





#5
Bromomethane
Concen: 51.182 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX047571.D
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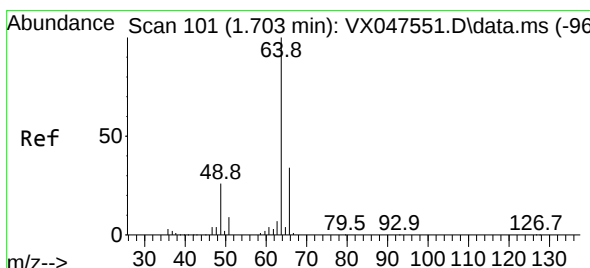
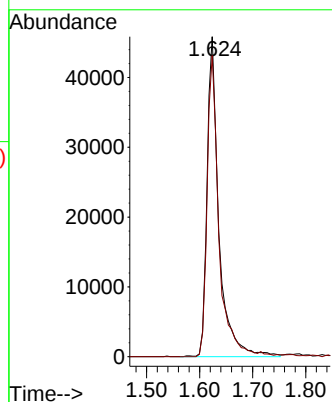
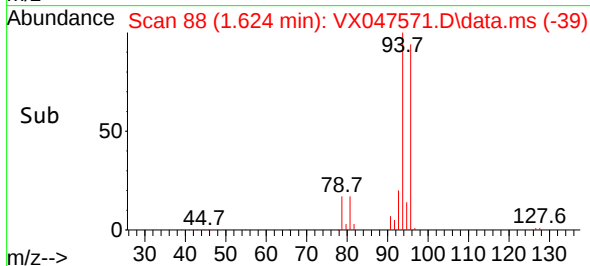
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Tgt Ion: 94 Resp: 71004
Ion Ratio Lower Upper
94 100
96 94.1 77.7 116.5

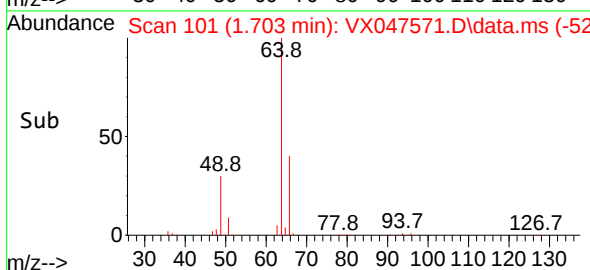
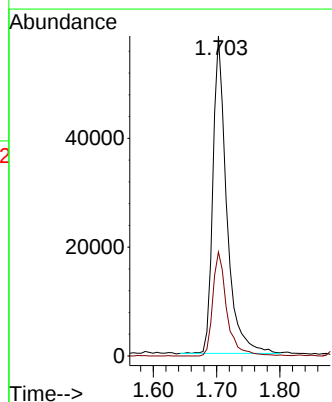
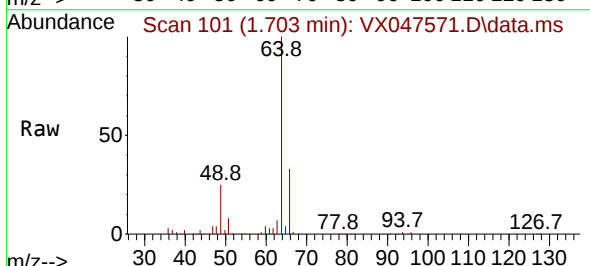
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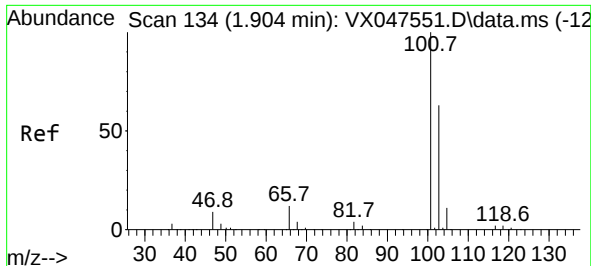
Reviewed By :John Carlone 09/03/2025
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#6
Chloroethane
Concen: 43.288 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047571.D
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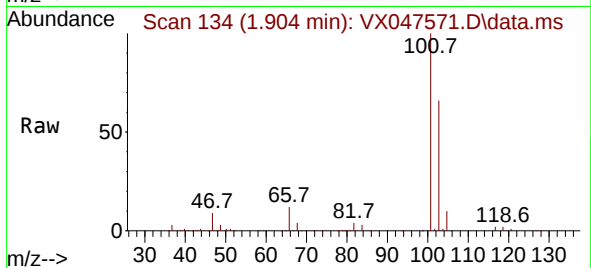
Tgt Ion: 64 Resp: 88213
Ion Ratio Lower Upper
64 100
66 32.8 27.4 41.2





#7
Trichlorofluoromethane
Concen: 45.884 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

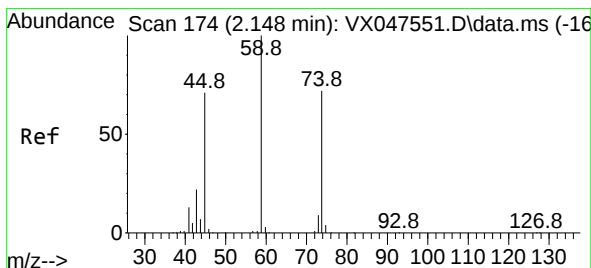
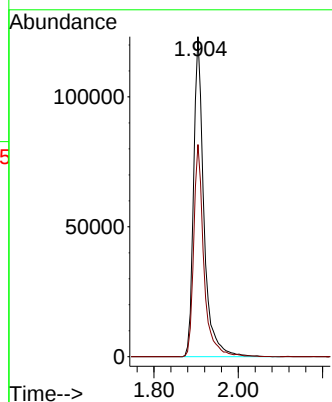
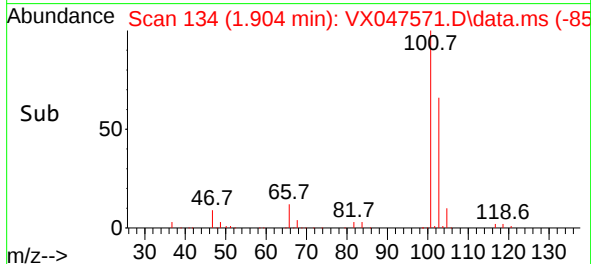
Instrument :
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Tgt Ion:101 Resp: 20932
Ion Ratio Lower Upper
101 100
103 66.3 50.1 75.1

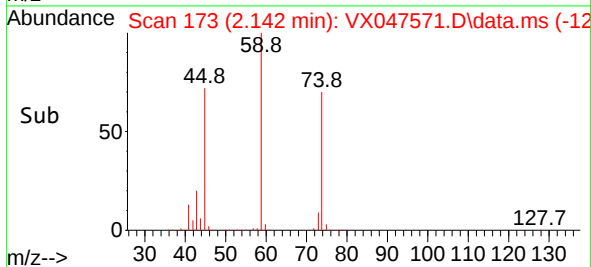
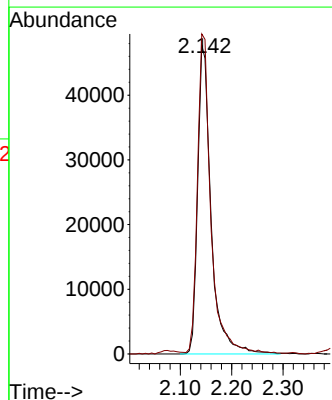
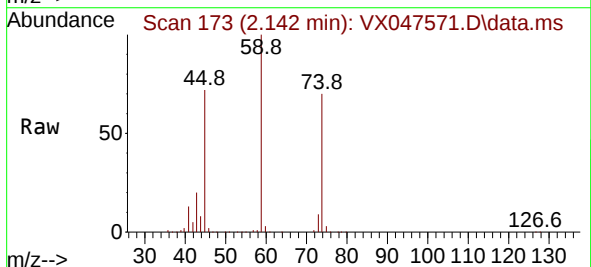
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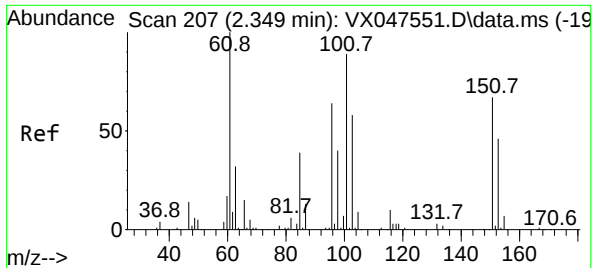
Reviewed By :John Carlone 09/03/2025
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#8
Diethyl Ether
Concen: 47.814 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

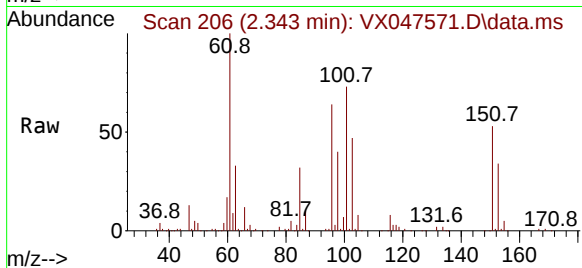
Tgt Ion: 74 Resp: 86546
Ion Ratio Lower Upper
74 100
45 102.7 49.0 147.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.319 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

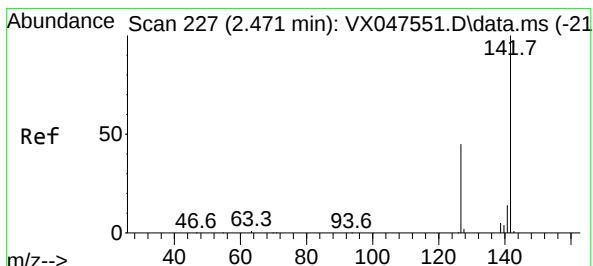
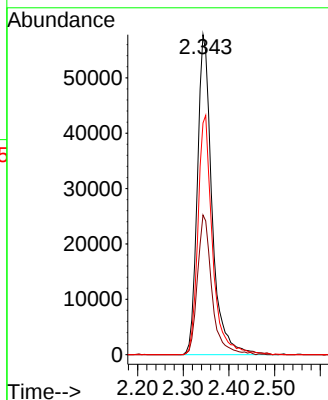
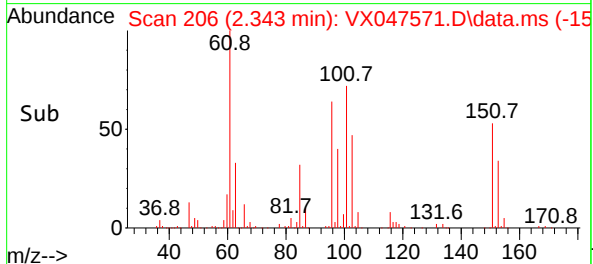
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



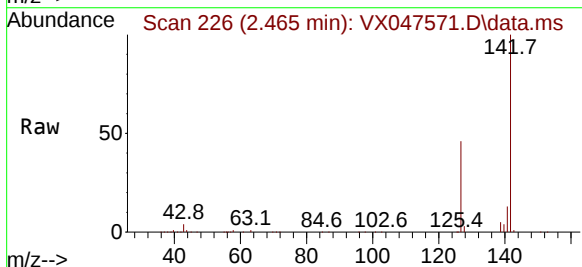
Tgt Ion:101 Resp: 12855
Ion Ratio Lower Upper
101 100
85 43.0 35.1 52.7
151 74.3 58.6 88.0

Manual Integrations
APPROVED

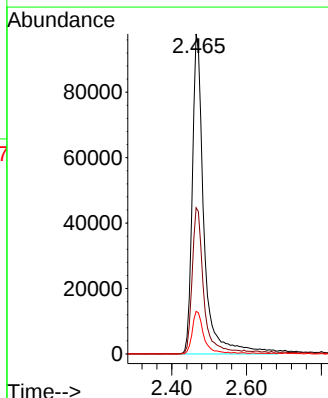
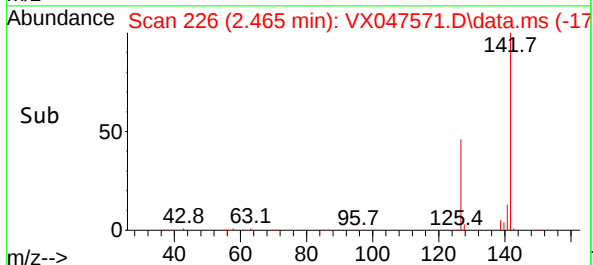
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

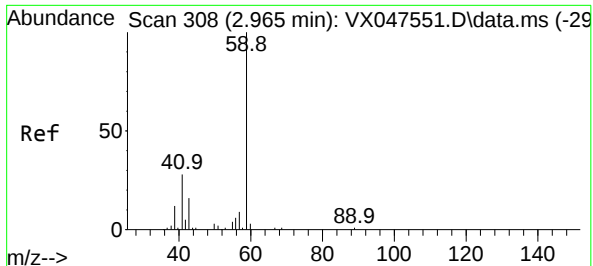


#10
Methyl Iodide
Concen: 47.534 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



Tgt Ion:142 Resp: 213777
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 13.3 10.6 16.0





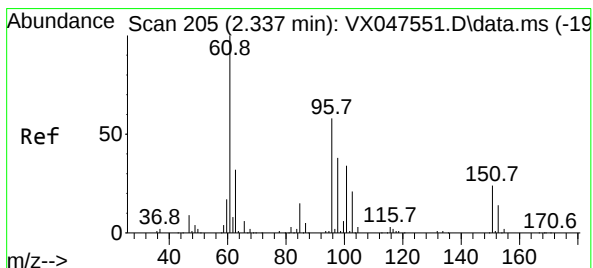
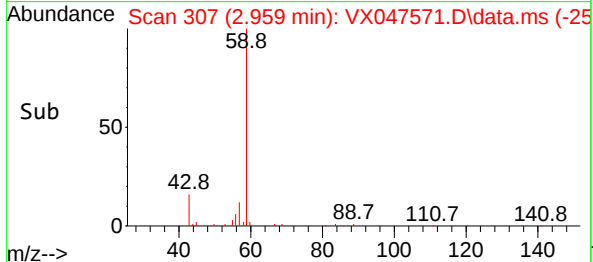
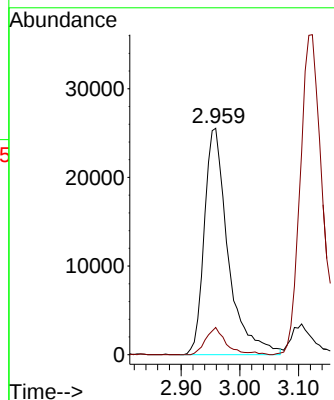
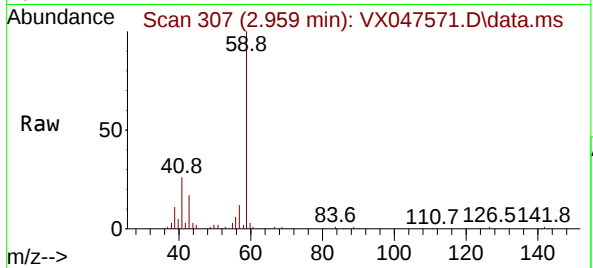
#11
Tert butyl alcohol
Concen: 223.378 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 71920
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9

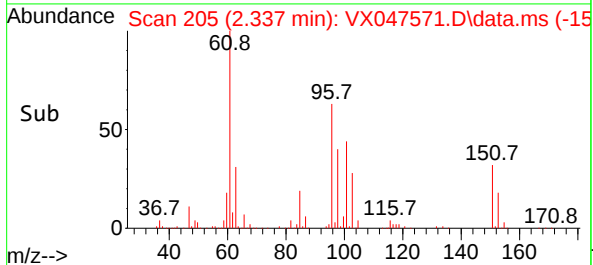
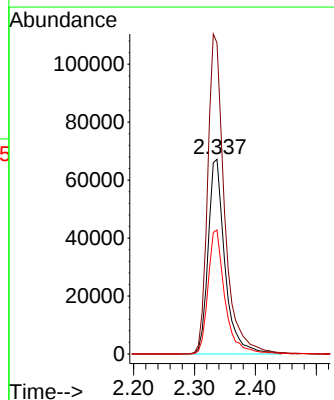
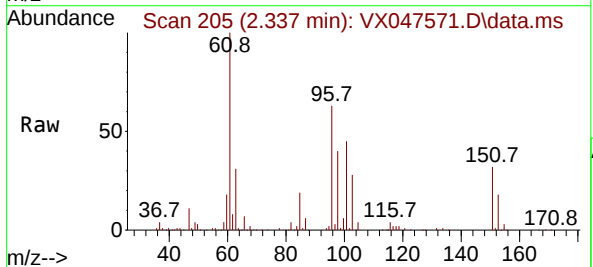
Manual Integrations
APPROVED

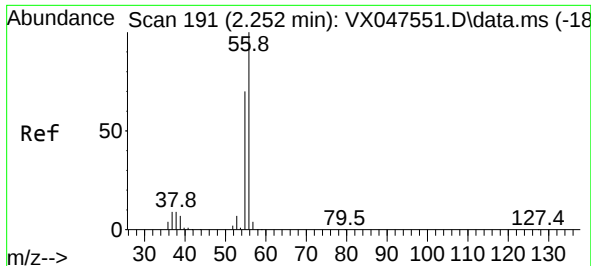
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#12
1,1-Dichloroethene
Concen: 44.802 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

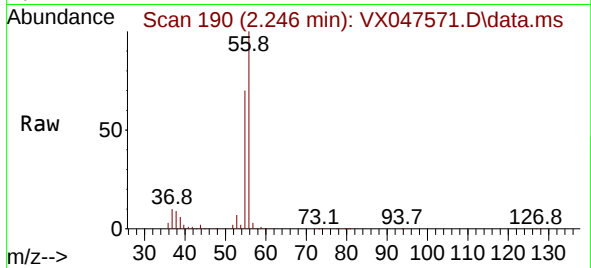
Tgt Ion: 96 Resp: 129071
Ion Ratio Lower Upper
96 100
61 159.8 136.8 205.2
98 63.7 52.4 78.6





#13
Acrolein
Concen: 271.259 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

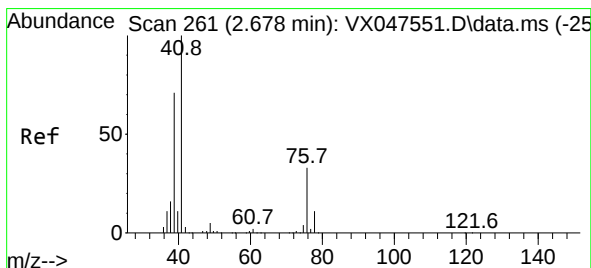
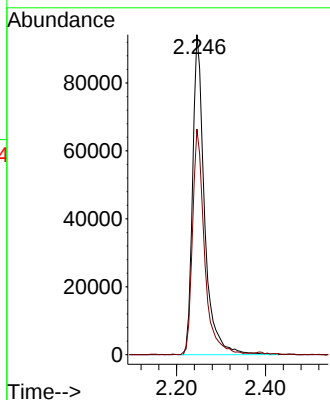
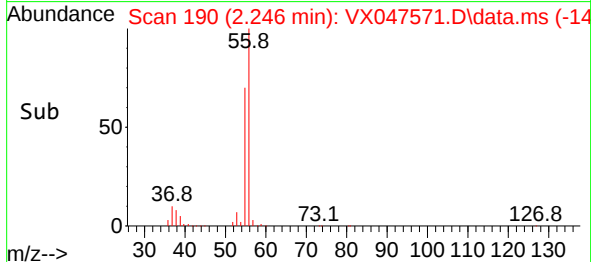
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 175090
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.6

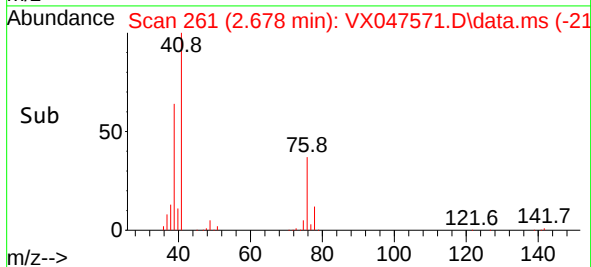
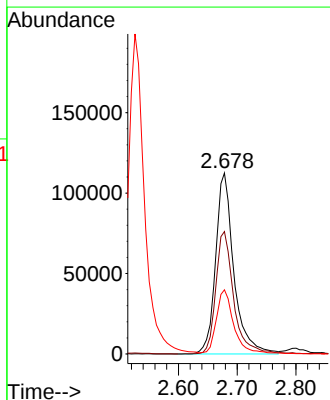
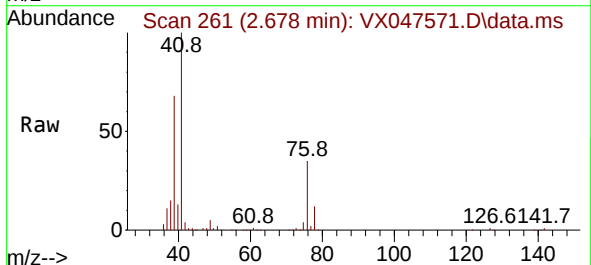
Manual Integrations
APPROVED

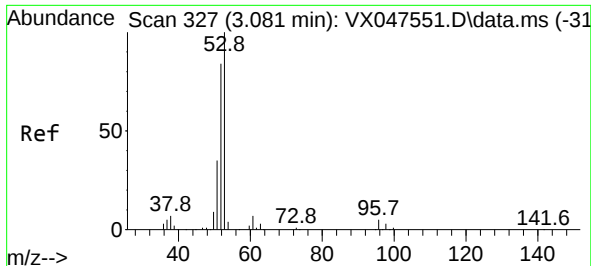
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#14
Allyl chloride
Concen: 45.992 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

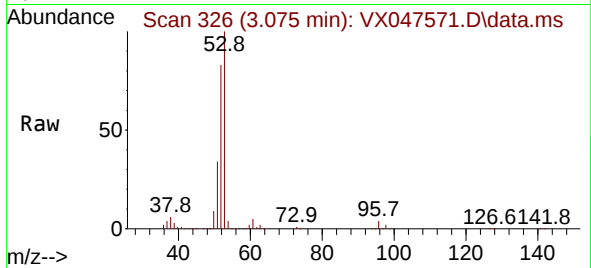
Tgt Ion: 41 Resp: 242730
Ion Ratio Lower Upper
41 100
39 66.6 53.2 79.8
76 34.3 26.8 40.2





#15
Acrylonitrile
Concen: 231.936 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

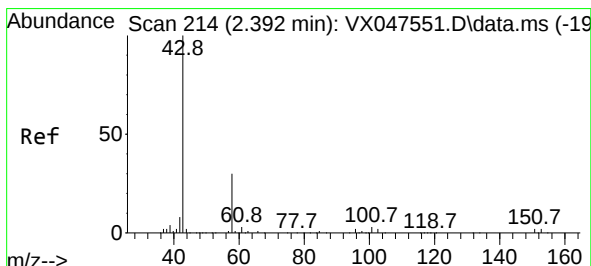
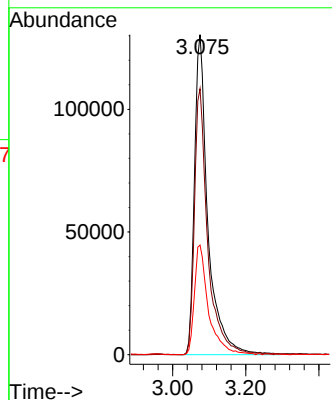
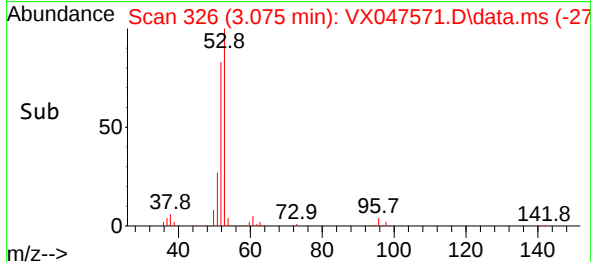
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



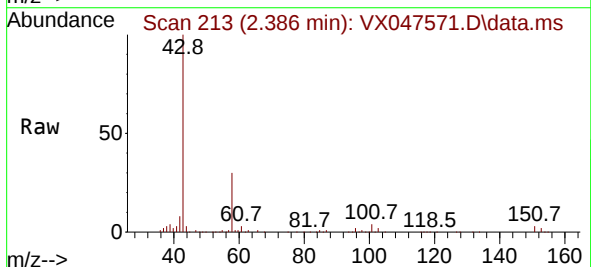
Tgt Ion: 53 Resp: 334180
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.4
51 36.0 29.4 44.0

Manual Integrations
APPROVED

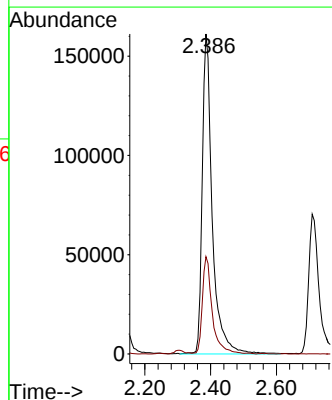
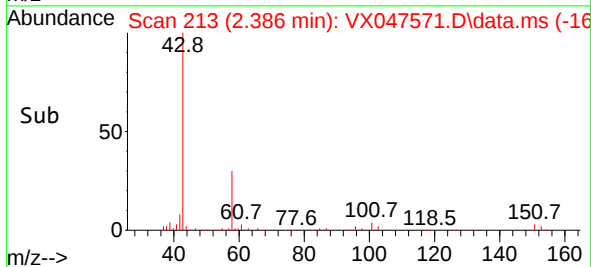
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

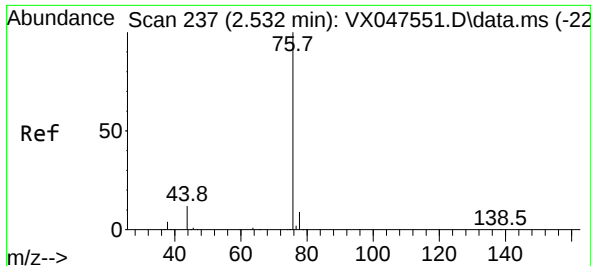


#16
Acetone
Concen: 246.519 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



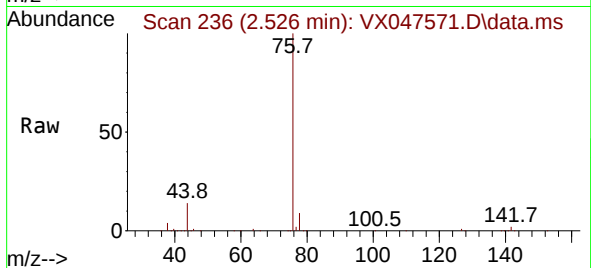
Tgt Ion: 43 Resp: 342021
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.2





#17
Carbon Disulfide
Concen: 44.366 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

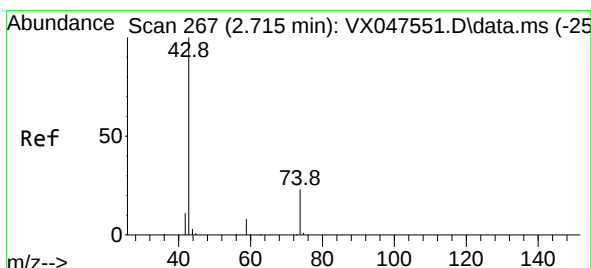
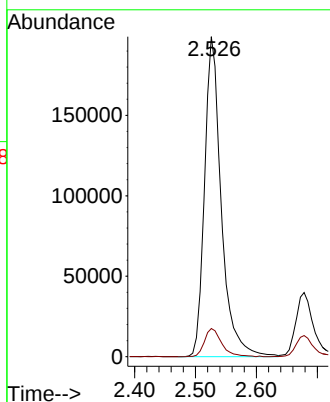
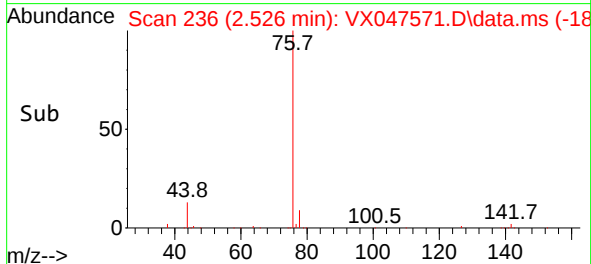
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 380054
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

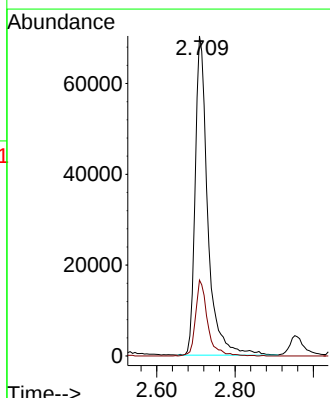
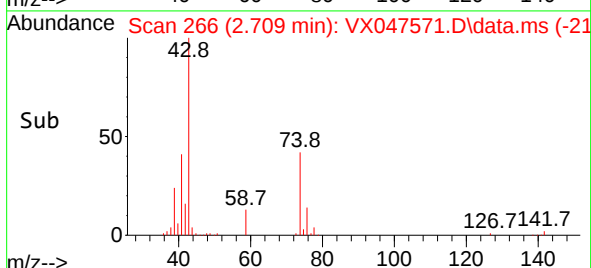
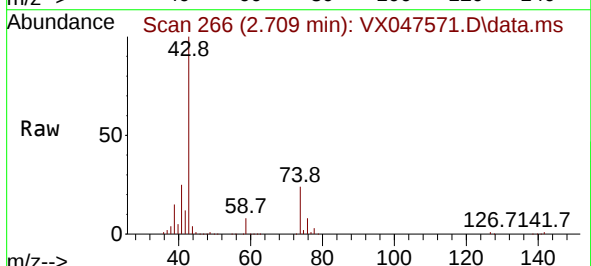
Manual Integrations
APPROVED

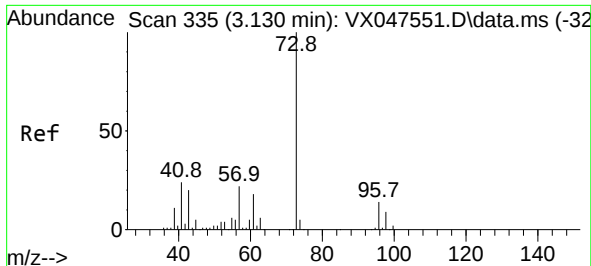
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#18
Methyl Acetate
Concen: 45.997 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion: 43 Resp: 157334
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





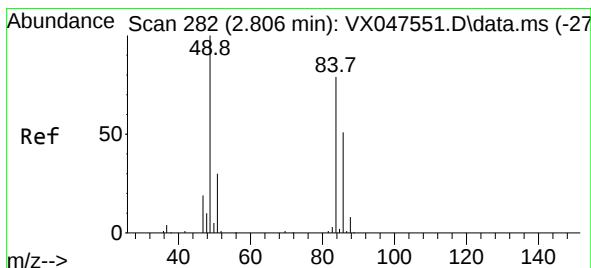
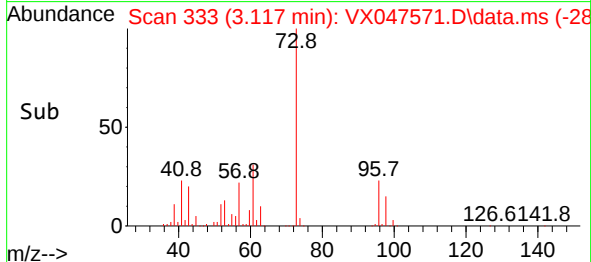
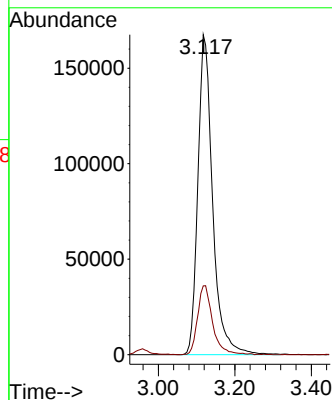
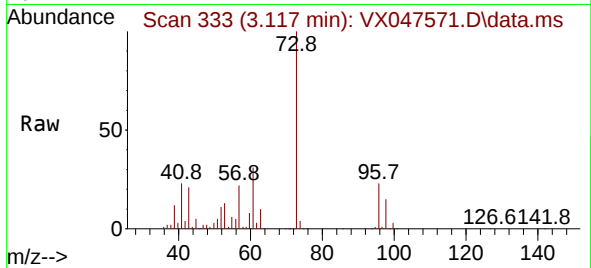
#19
Methyl tert-butyl Ether
Concen: 47.623 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 447818
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2

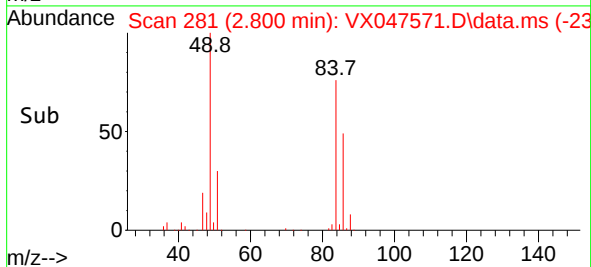
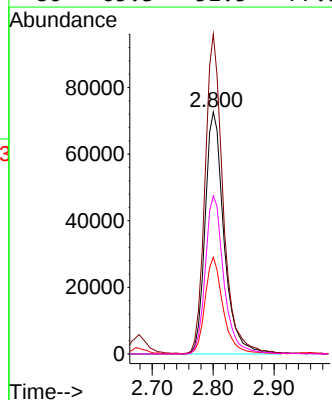
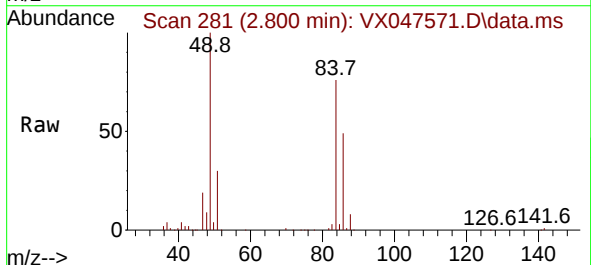
Manual Integrations
APPROVED

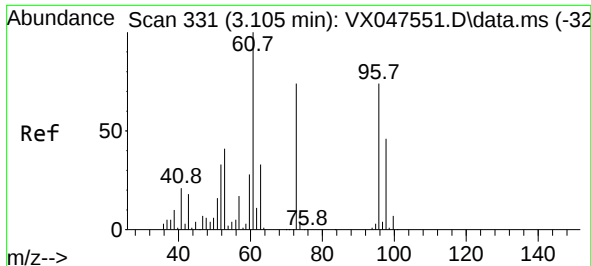
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#20
Methylene Chloride
Concen: 44.225 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

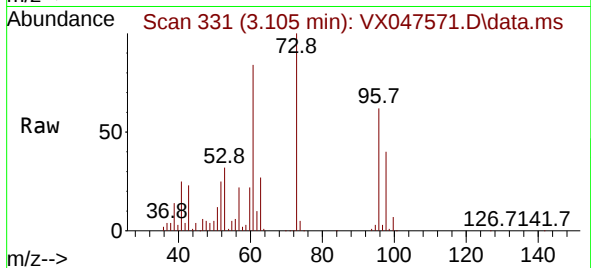
Tgt Ion: 84 Resp: 156137
Ion Ratio Lower Upper
84 100
49 132.0 101.4 152.2
51 39.9 30.6 46.0
86 65.3 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 46.321 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

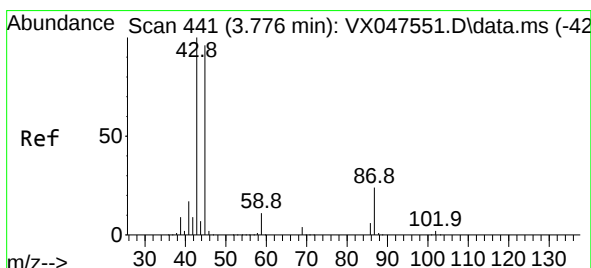
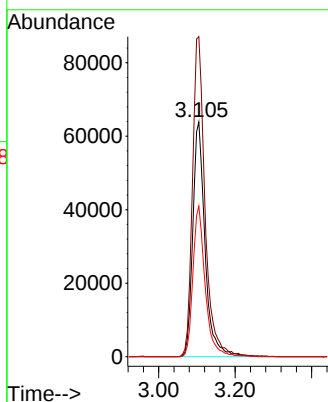
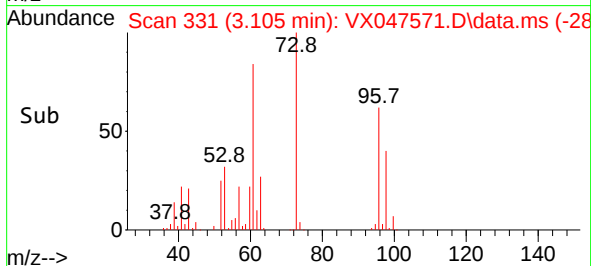
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 142008
Ion Ratio Lower Upper
96 100
61 136.3 108.0 162.0
98 66.0 51.6 77.4

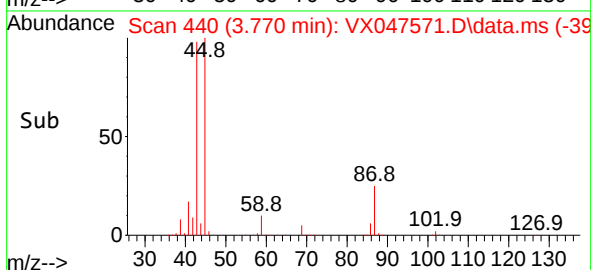
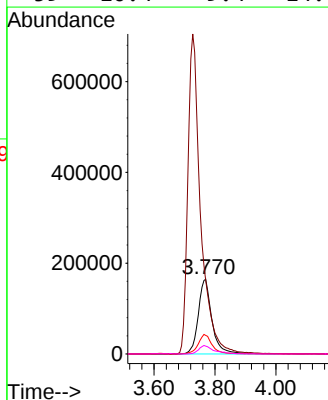
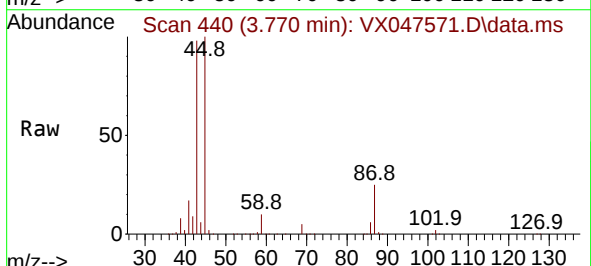
Manual Integrations
APPROVED

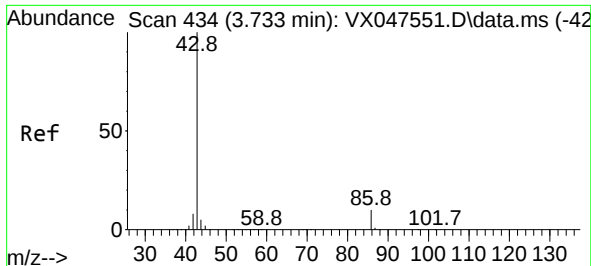
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#22
Diisopropyl ether
Concen: 48.002 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

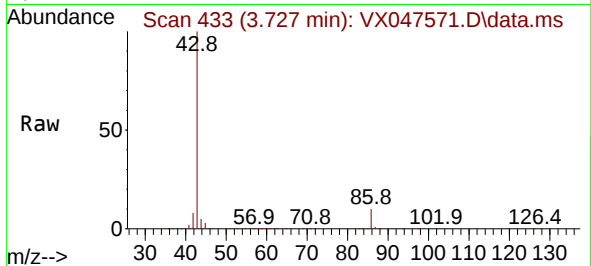
Tgt Ion: 45 Resp: 510225
Ion Ratio Lower Upper
45 100
43 97.9 83.2 124.8
87 24.9 20.2 30.4
59 10.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 238.642 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047571.D
 Acq: 02 Sep 2025 09:56

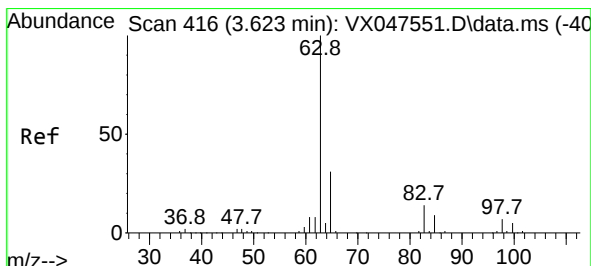
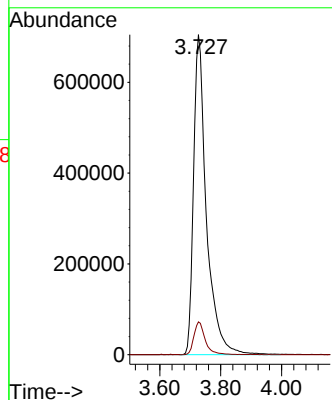
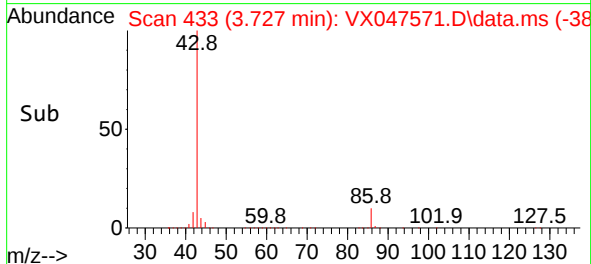
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



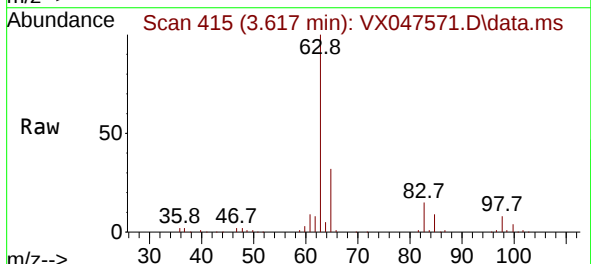
Tgt Ion: 43 Resp: 2065499
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

Manual Integrations
 APPROVED

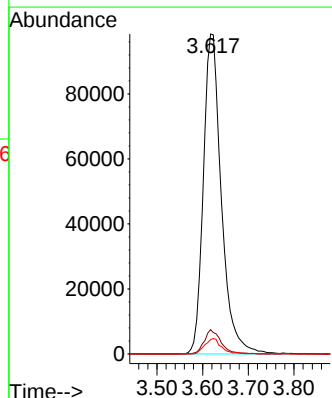
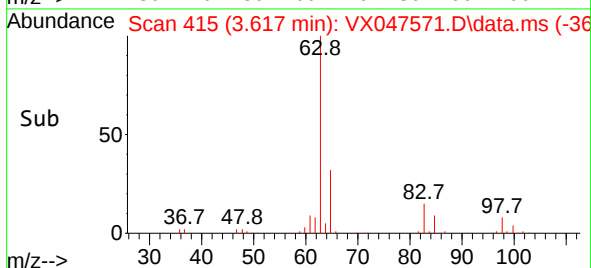
Reviewed By :John Carlone 09/03/2025
 Supervised By :Mahesh Dadoda 09/03/2025

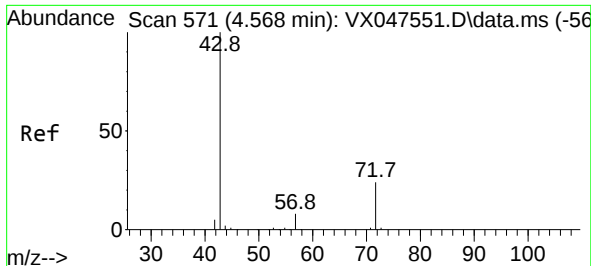


#24
 1,1-Dichloroethane
 Concen: 45.680 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047571.D
 Acq: 02 Sep 2025 09:56



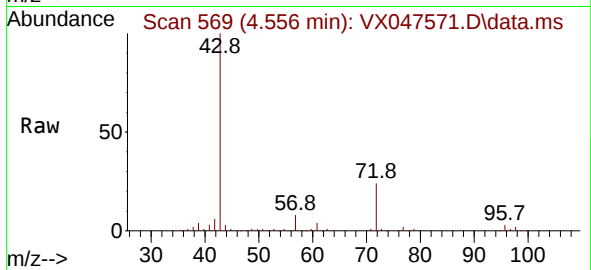
Tgt Ion: 63 Resp: 269795
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.2
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 226.663 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

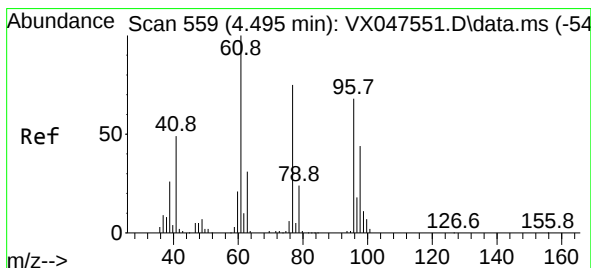
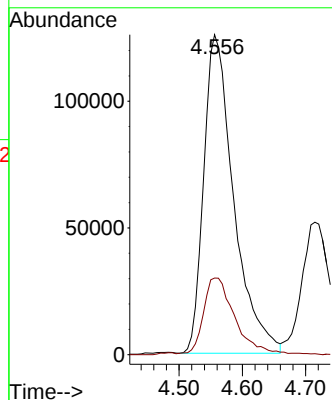
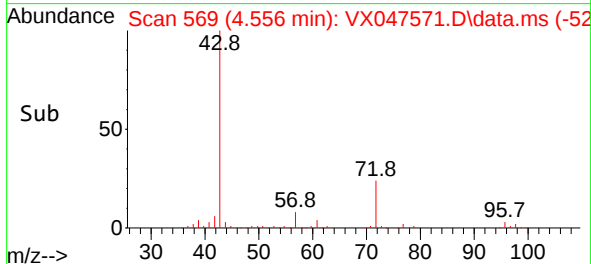
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 413850
Ion Ratio Lower Upper
43 100
72 23.6 19.5 29.3

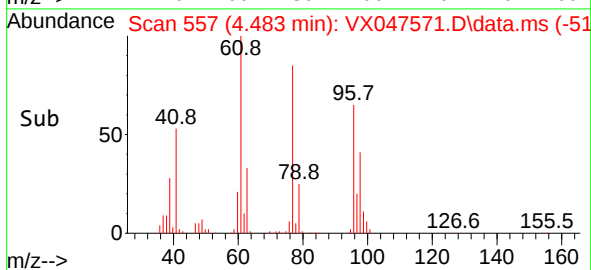
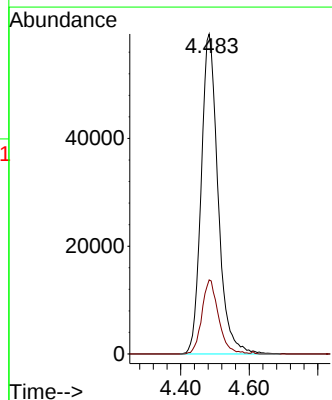
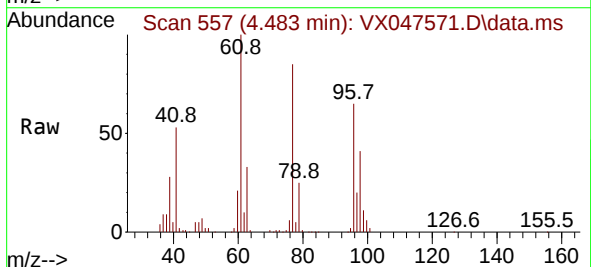
Manual Integrations
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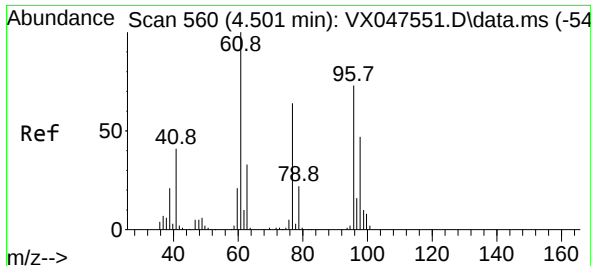
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#26
2,2-Dichloropropane
Concen: 47.540 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion: 77 Resp: 202950
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 45.946 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 171619

Ion Ratio Lower Upper

96 100

61 146.7 0.0 289.4

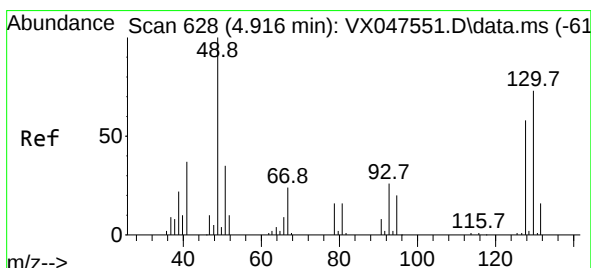
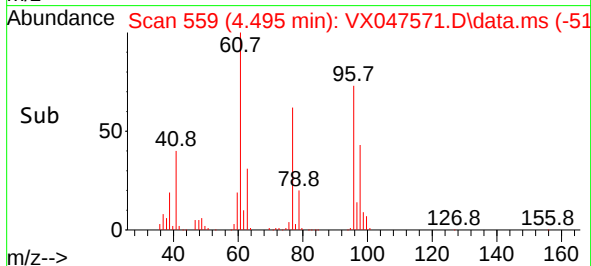
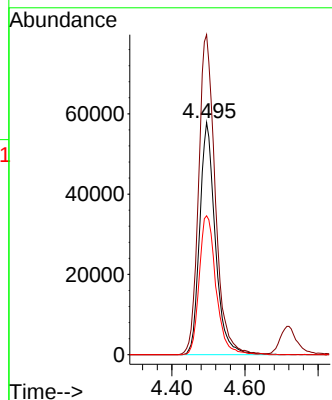
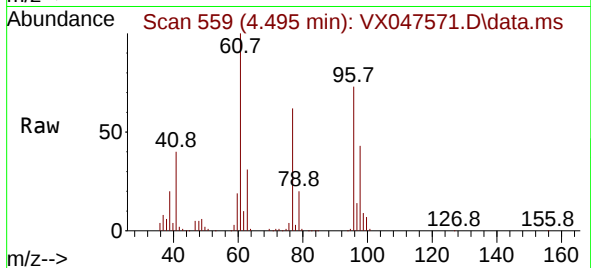
98 64.4 0.0 129.2

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Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#28

Bromochloromethane

Concen: 51.850 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.012 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

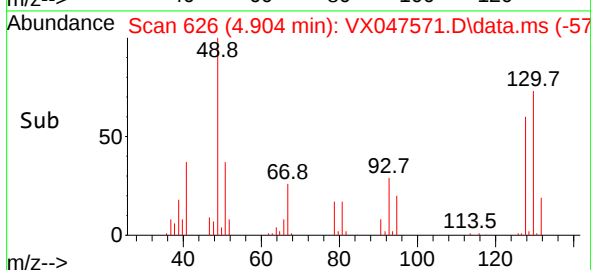
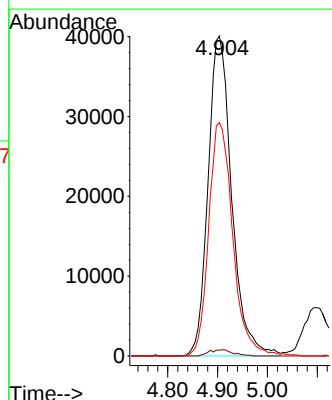
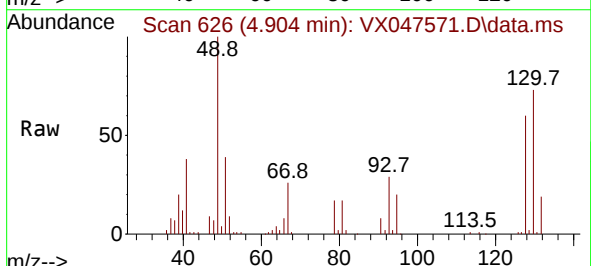
Tgt Ion: 49 Resp: 132156

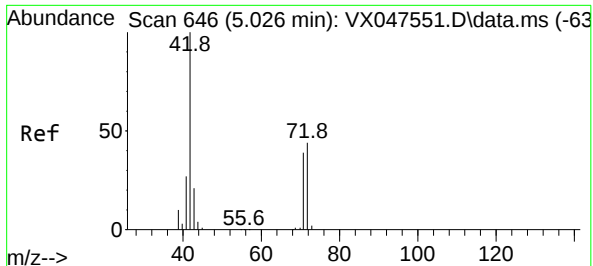
Ion Ratio Lower Upper

49 100

129 2.0 0.0 1.8#

130 74.3 59.8 89.6





#29

Tetrahydrofuran

Concen: 217.946 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.018 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 246949

Ion Ratio Lower Upper

42 100

72 42.8 34.5 51.7

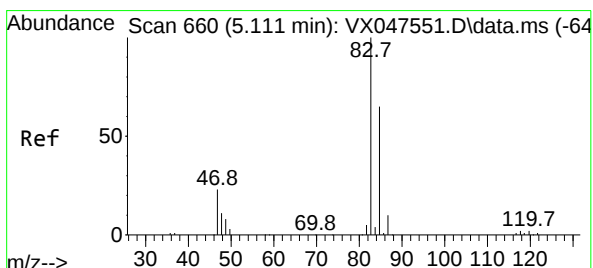
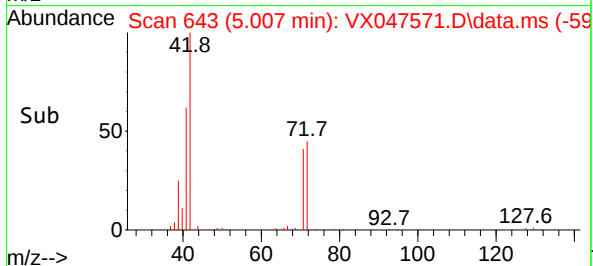
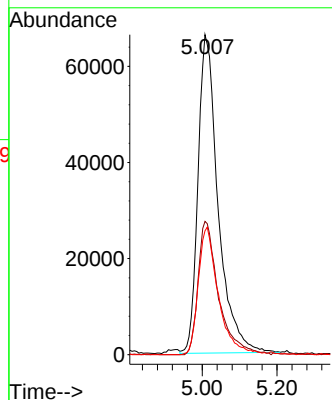
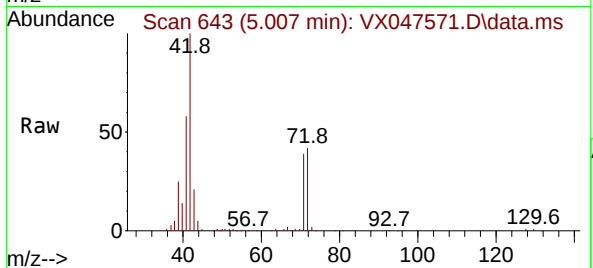
71 40.0 31.7 47.5

Manual Integrations

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Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#30

Chloroform

Concen: 46.247 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.018 min

Lab File: VX047571.D

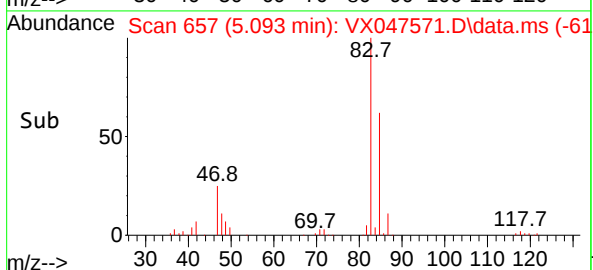
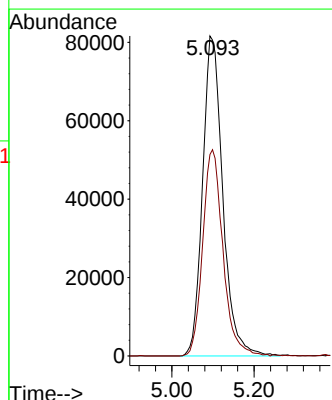
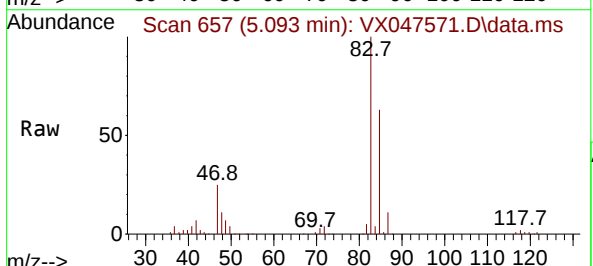
Acq: 02 Sep 2025 09:56

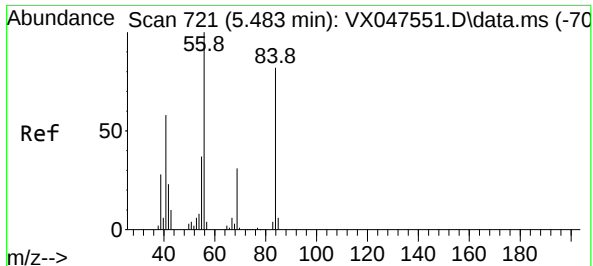
Tgt Ion: 83 Resp: 278137

Ion Ratio Lower Upper

83 100

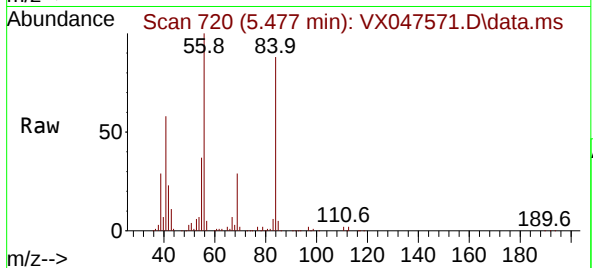
85 63.0 52.3 78.5





#31
Cyclohexane
Concen: 44.001 ug/l
RT: 5.477 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

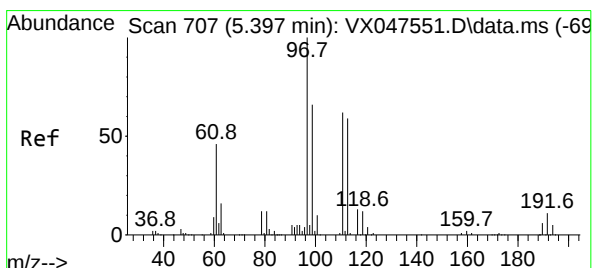
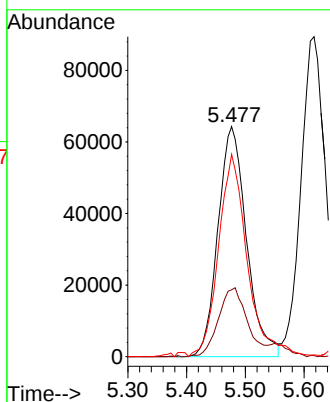
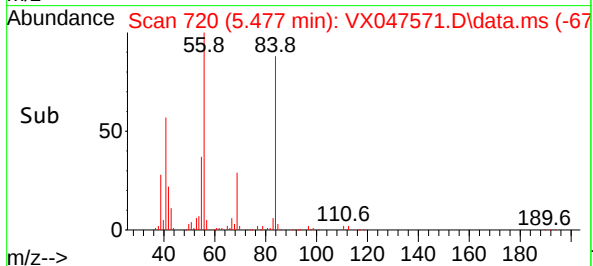
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



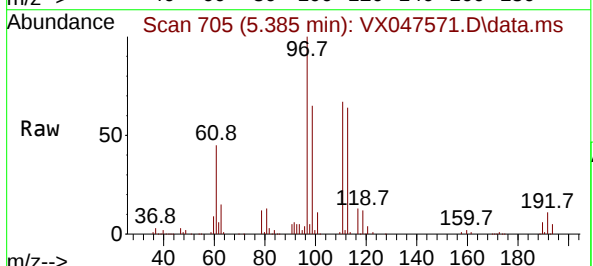
Tgt Ion: 56 Resp: 216740
Ion Ratio Lower Upper
56 100
69 28.6 24.2 36.2
84 86.1 65.5 98.3

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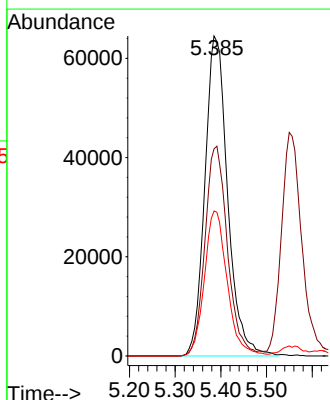
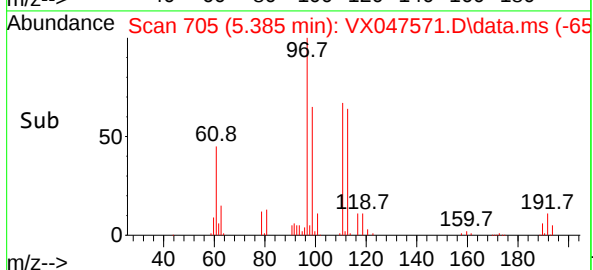
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

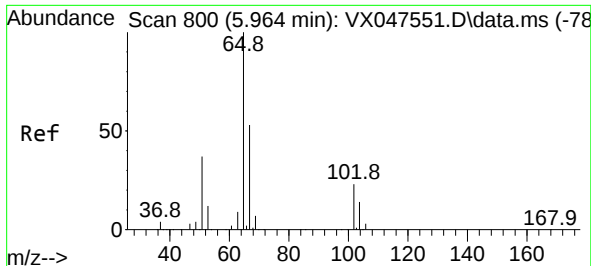


#32
1,1,1-Trichloroethane
Concen: 45.542 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



Tgt Ion: 97 Resp: 223155
Ion Ratio Lower Upper
97 100
99 65.2 51.5 77.3
61 45.4 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.905 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17132

Ion Ratio Lower Upper

65 100

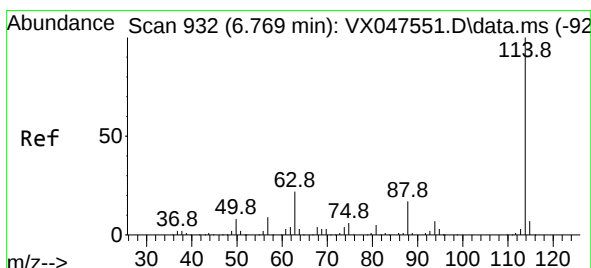
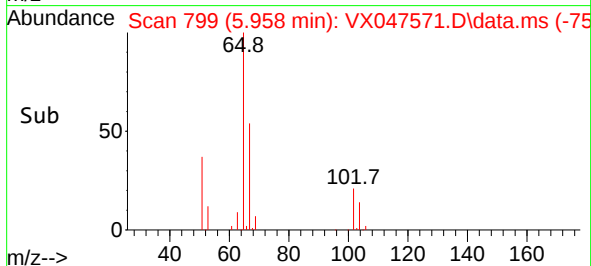
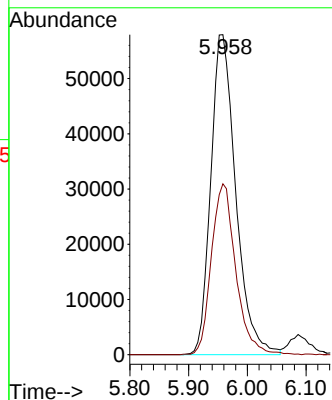
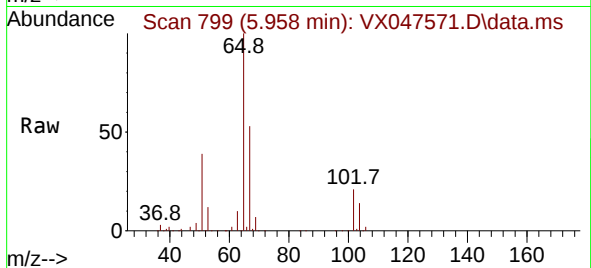
67 52.2 0.0 104.8

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Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

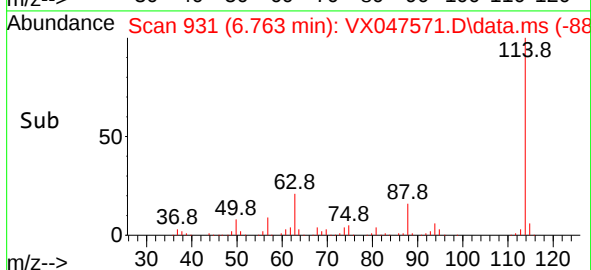
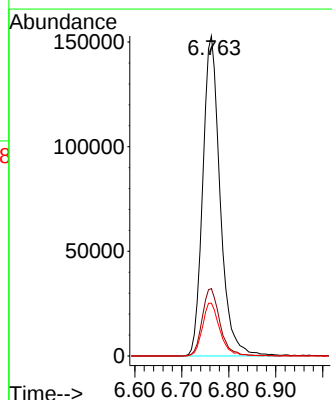
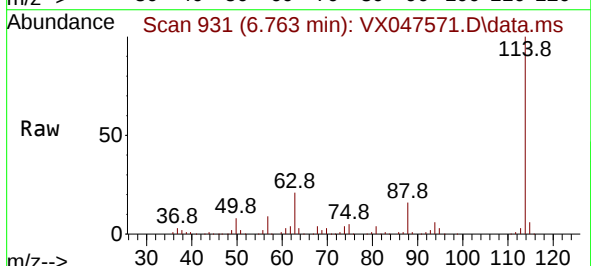
Tgt Ion:114 Resp: 392262

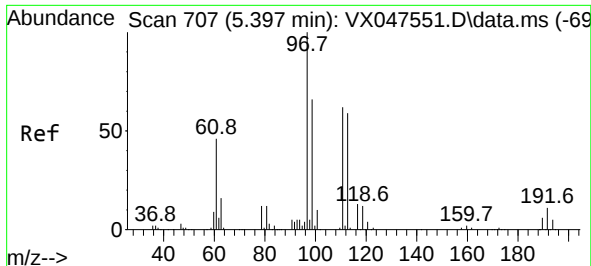
Ion Ratio Lower Upper

114 100

63 23.9 0.0 43.6

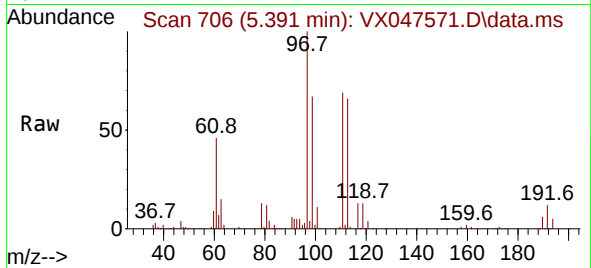
88 16.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.339 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

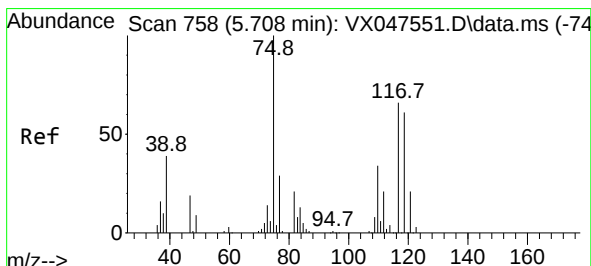
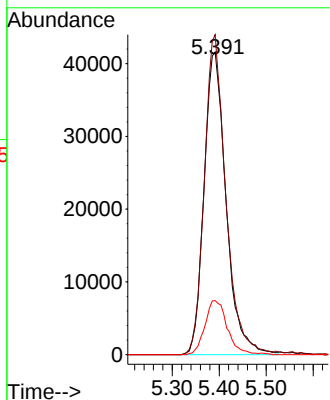
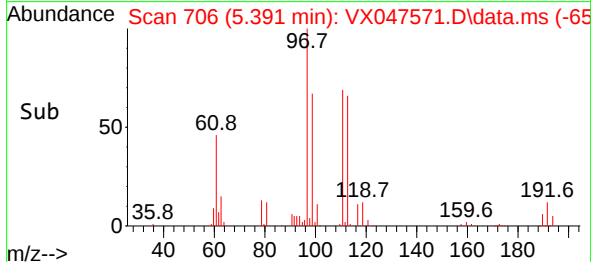
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



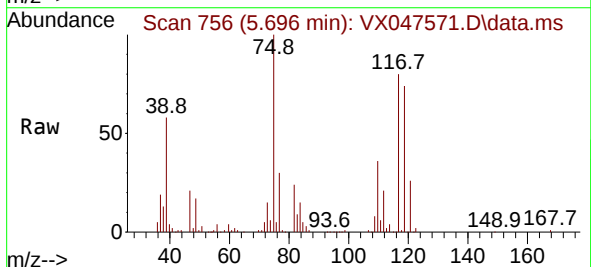
Tgt Ion: 113 Resp: 135529
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 18.1 14.2 21.4

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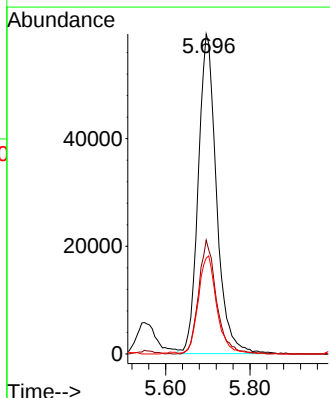
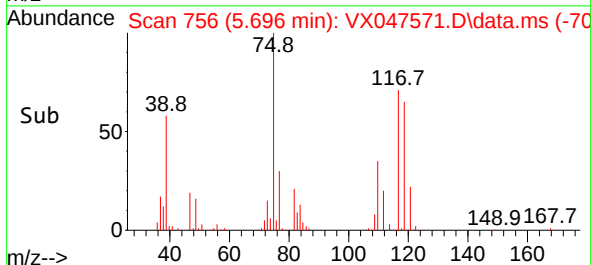
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

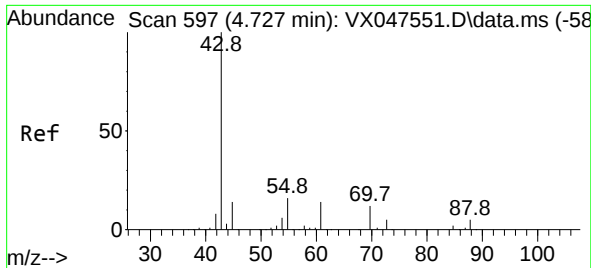


#36
1,1-Dichloropropene
Concen: 46.762 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



Tgt Ion: 75 Resp: 179167
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.3
77 31.2 25.0 37.6





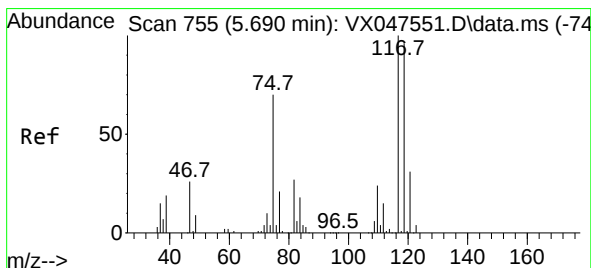
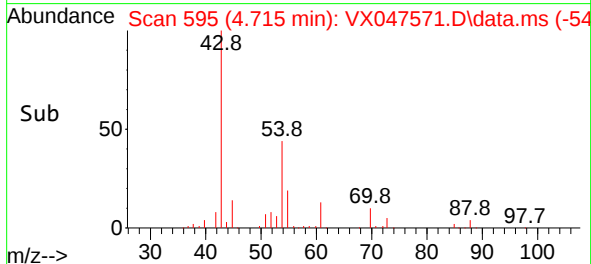
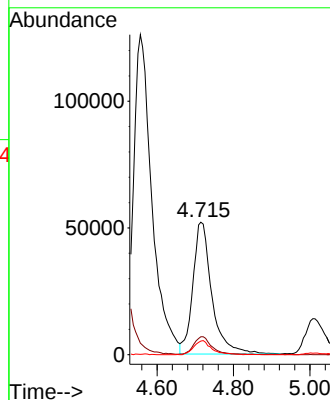
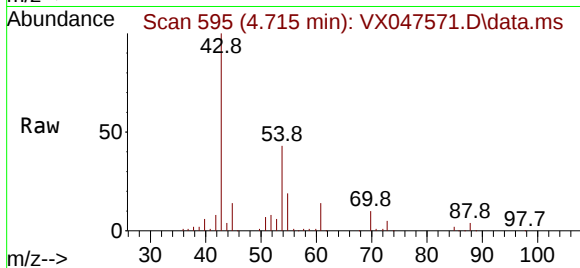
#37
Ethyl Acetate
Concen: 47.425 ug/l
RT: 4.715 min Scan# 597
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 179097
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.2
70 9.9 8.2 12.4

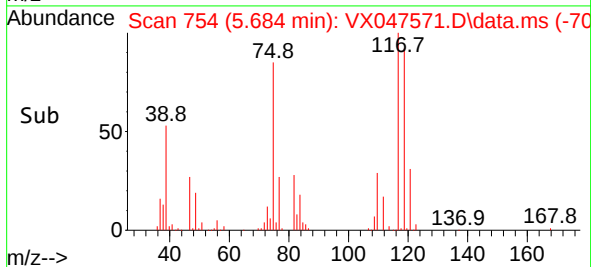
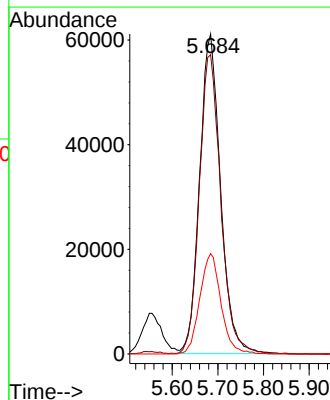
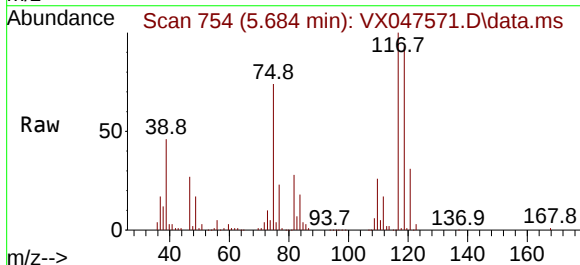
Manual Integrations
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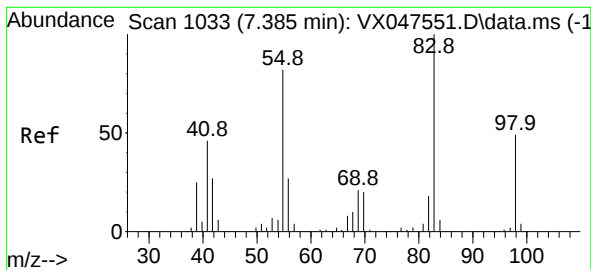
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#38
Carbon Tetrachloride
Concen: 45.671 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion:117 Resp: 194160
Ion Ratio Lower Upper
117 100
119 93.4 76.4 114.6
121 31.4 24.9 37.3





#39

Methylcyclohexane

Concen: 45.286 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 20010

Ion Ratio Lower Upper

83 100

55 77.7 65.4 98.2

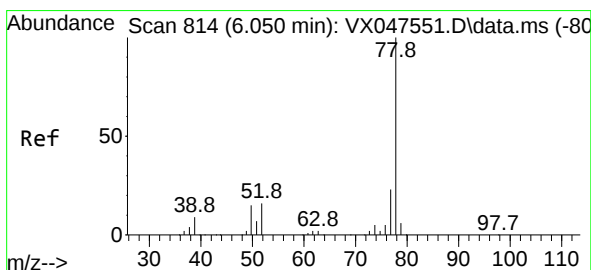
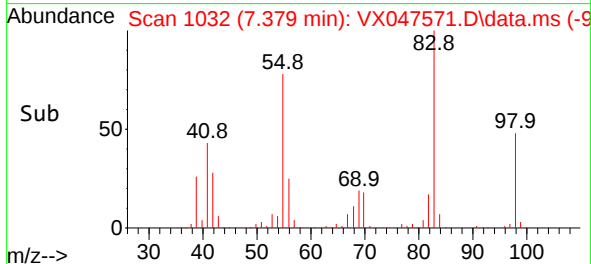
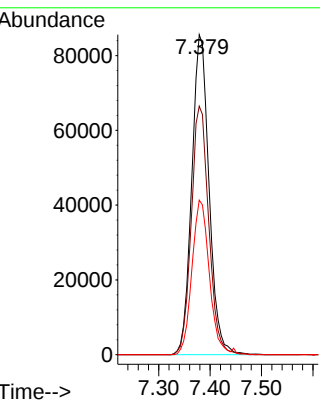
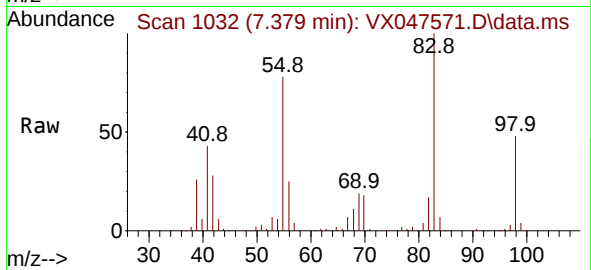
98 48.3 39.0 58.4

Manual Integrations

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Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#40

Benzene

Concen: 47.030 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.012 min

Lab File: VX047571.D

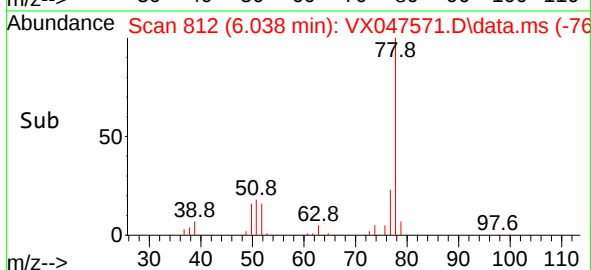
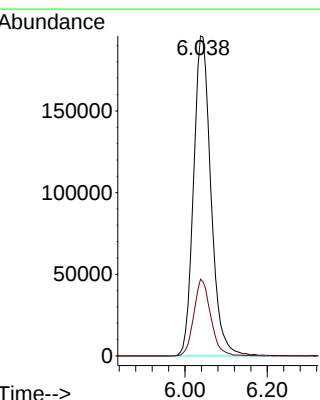
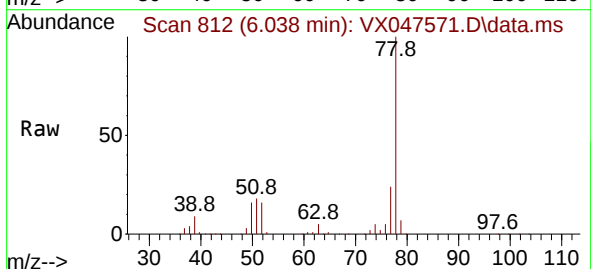
Acq: 02 Sep 2025 09:56

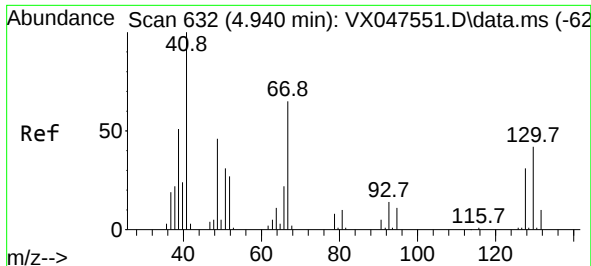
Tgt Ion: 78 Resp: 575279

Ion Ratio Lower Upper

78 100

77 24.0 18.5 27.7





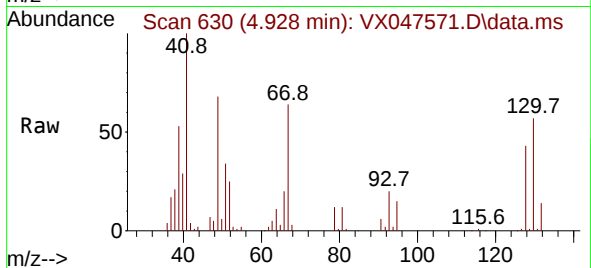
#41
Methacrylonitrile
Concen: 53.426 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



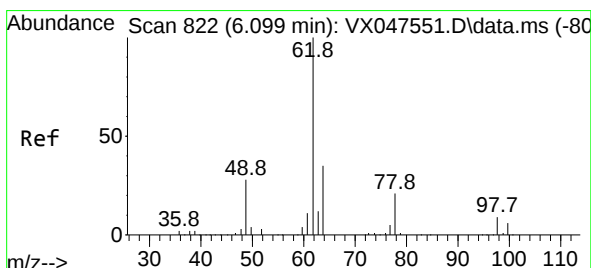
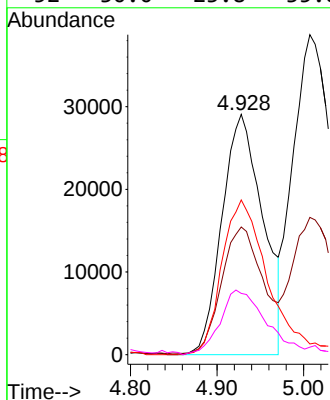
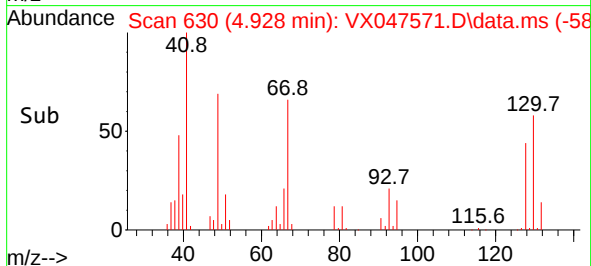
Tgt Ion: 41 Resp: 9555
Ion Ratio Lower Upper
41 100
39 53.4 42.4 63.6
67 73.1 60.6 90.8
52 30.0 23.8 35.8

Manual Integrations

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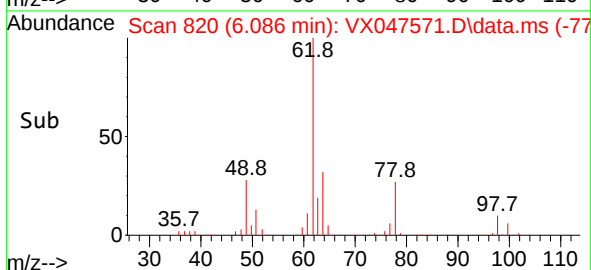
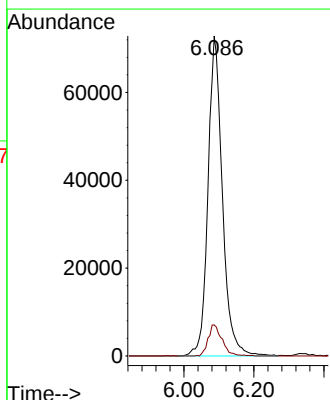
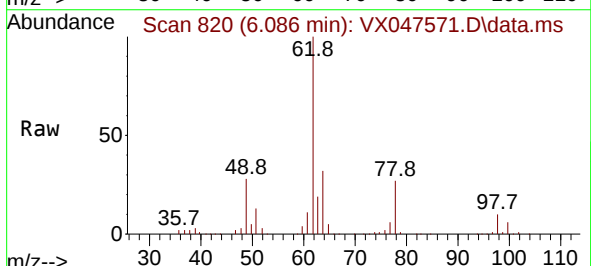
Reviewed By :John Carlone 09/03/2025

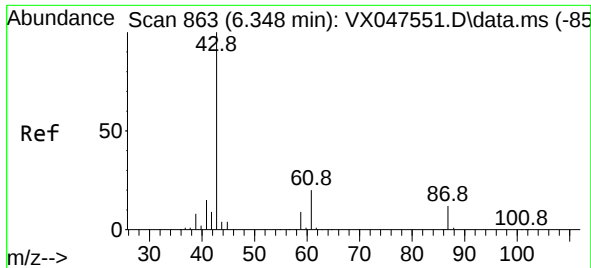
Supervised By :Mahesh Dadoda 09/03/2025



#42
1,2-Dichloroethane
Concen: 47.385 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

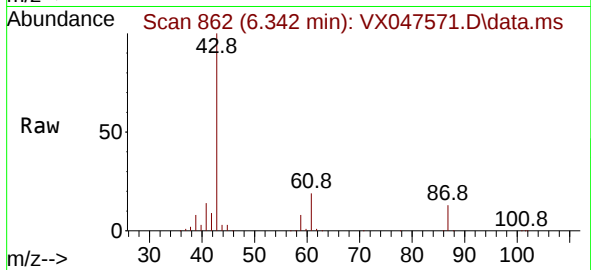
Tgt Ion: 62 Resp: 208658
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.8





#43
Isopropyl Acetate
Concen: 47.665 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

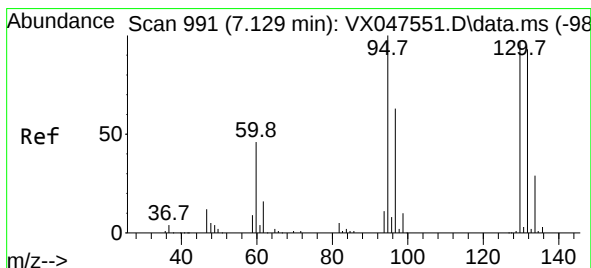
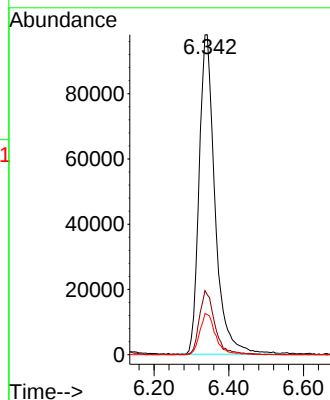
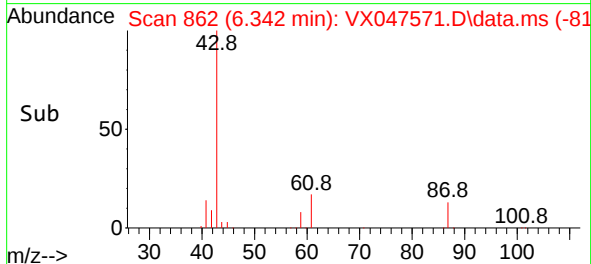
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28923
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.2
87 12.8 9.9 14.9

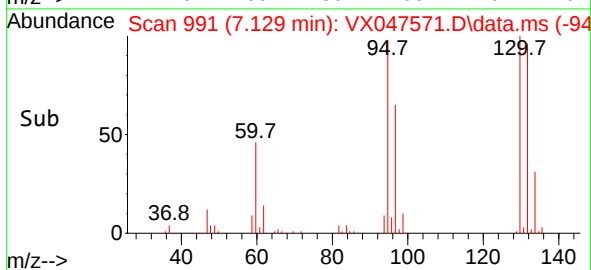
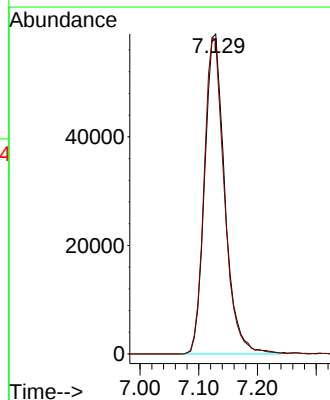
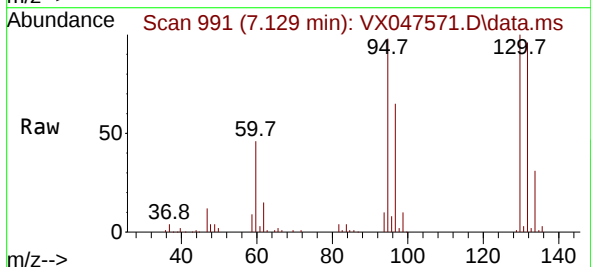
Manual Integrations
APPROVED

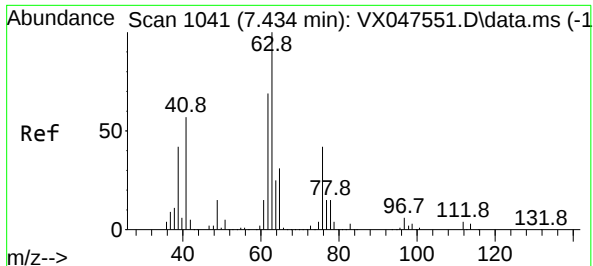
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#44
Trichloroethene
Concen: 46.381 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion:130 Resp: 140569
Ion Ratio Lower Upper
130 100
95 97.9 0.0 206.6





#45

1,2-Dichloropropane

Concen: 47.498 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 146344

Ion Ratio Lower Upper

63 100

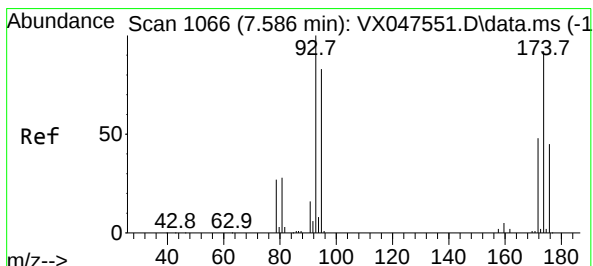
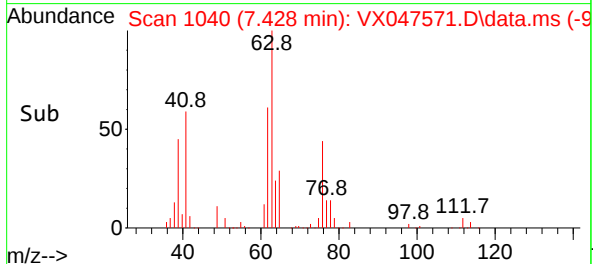
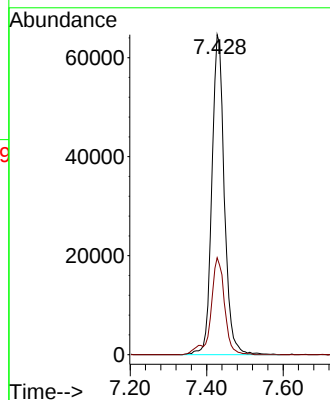
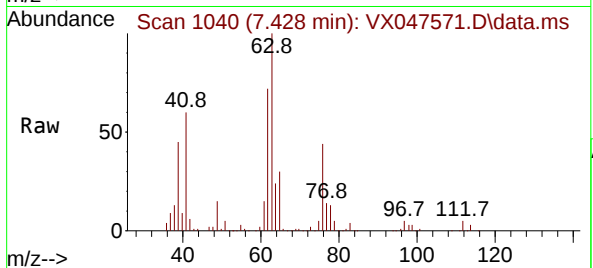
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#46

Dibromomethane

Concen: 46.886 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

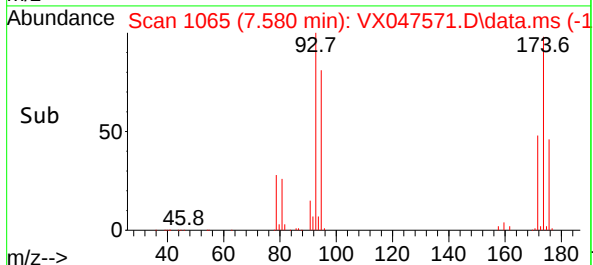
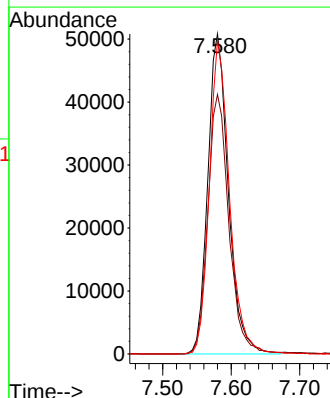
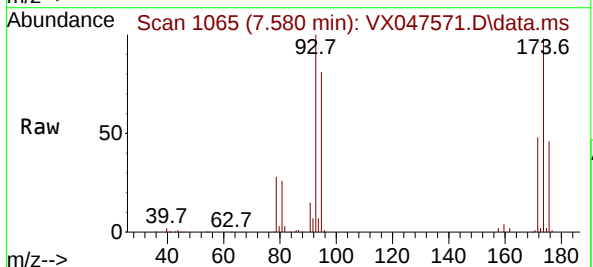
Tgt Ion: 93 Resp: 106344

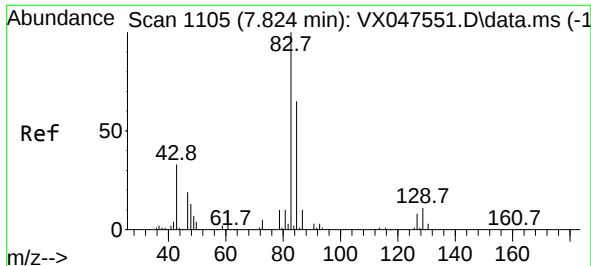
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

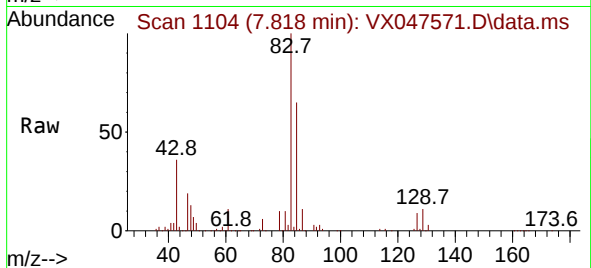
174 96.1 75.2 112.8





#47
Bromodichloromethane
Concen: 47.870 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

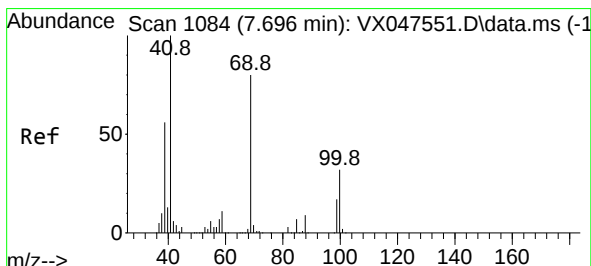
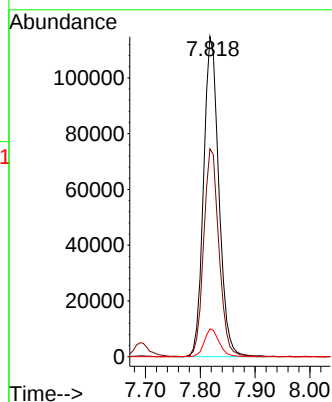
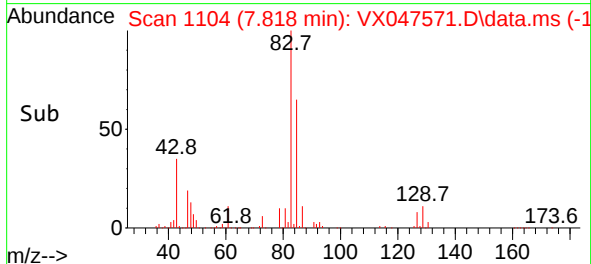
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 222049
Ion Ratio Lower Upper
83 100
85 64.9 52.0 78.0
127 8.7 6.8 10.2

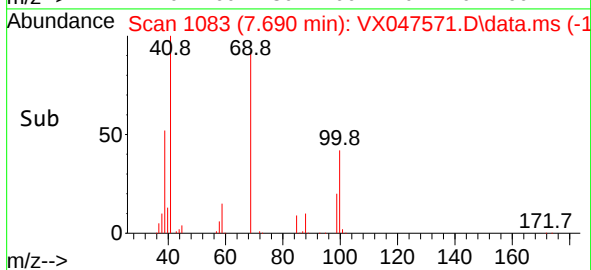
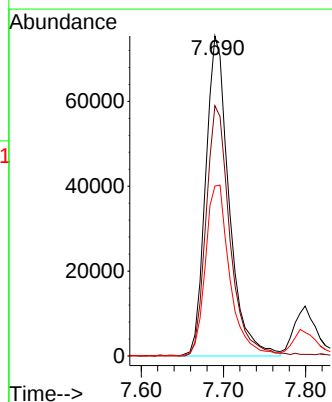
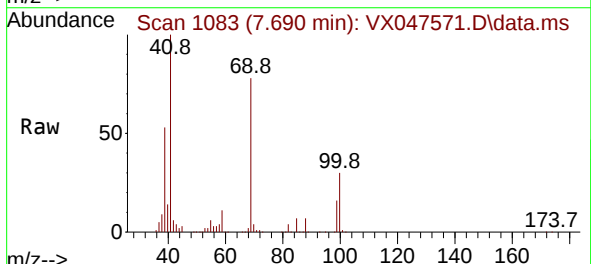
Manual Integrations
APPROVED

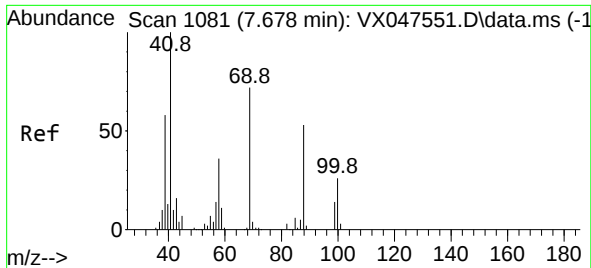
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#48
Methyl methacrylate
Concen: 47.835 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

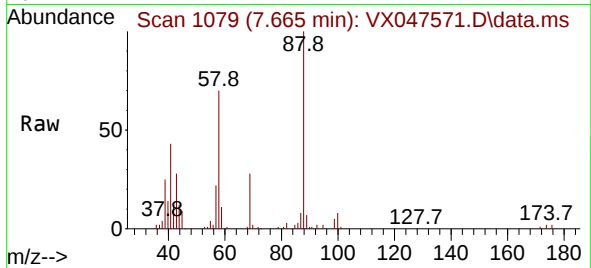
Tgt Ion: 41 Resp: 149316
Ion Ratio Lower Upper
41 100
69 79.5 63.4 95.2
39 55.3 44.7 67.1





#49
1,4-Dioxane
Concen: 935.020 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.012 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

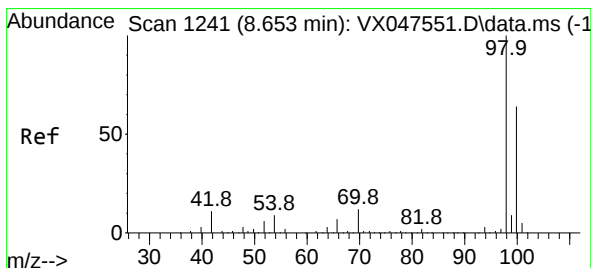
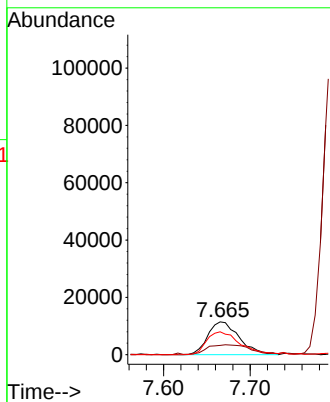
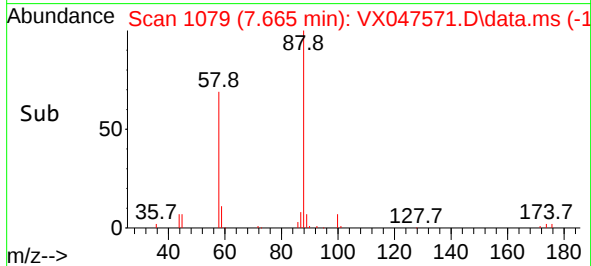
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 28872
Ion Ratio Lower Upper
88 100
43 38.6 31.9 47.9
58 76.4 57.5 86.3

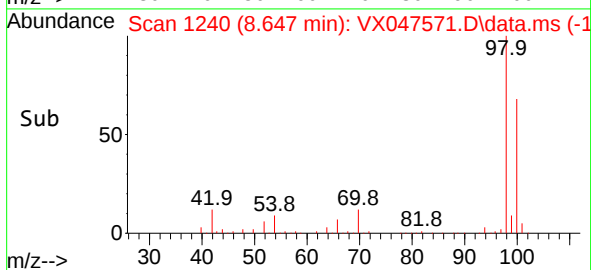
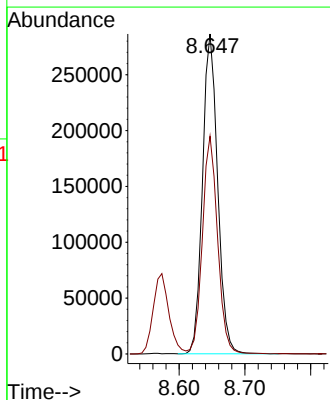
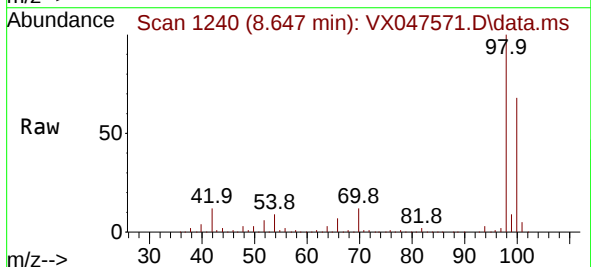
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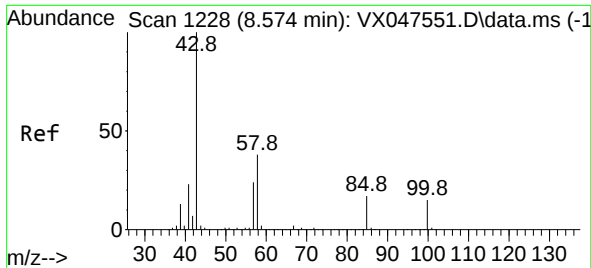
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#50
Toluene-d8
Concen: 48.637 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion: 98 Resp: 458978
Ion Ratio Lower Upper
98 100
100 68.1 53.5 80.3





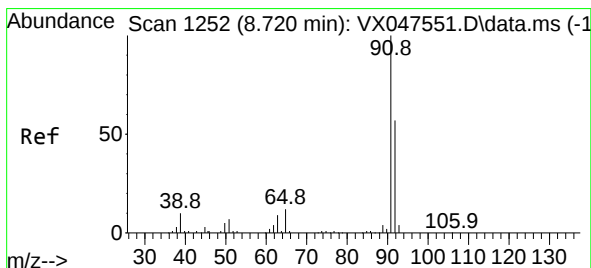
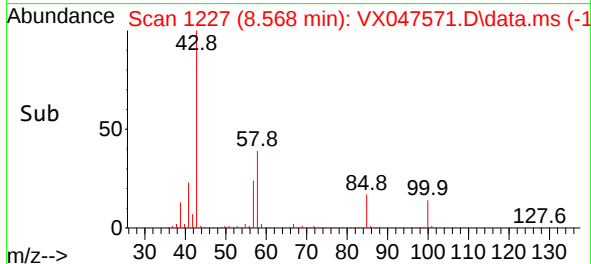
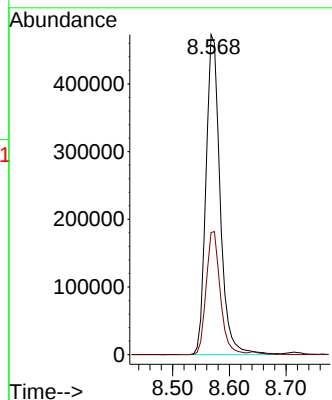
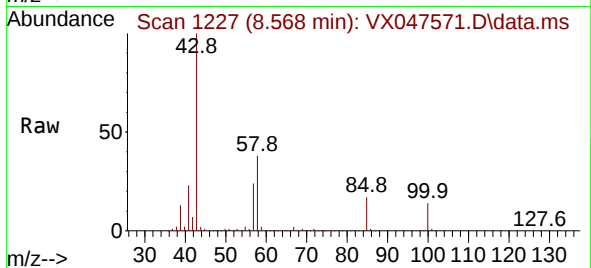
#51
4-Methyl-2-Pentanone
Concen: 228.905 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 820694
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

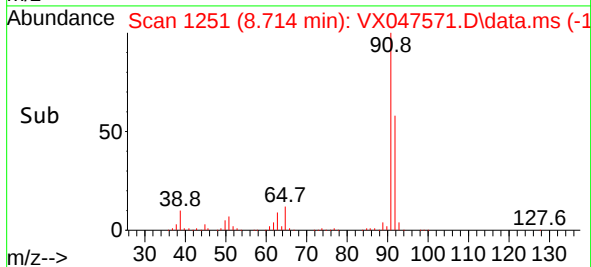
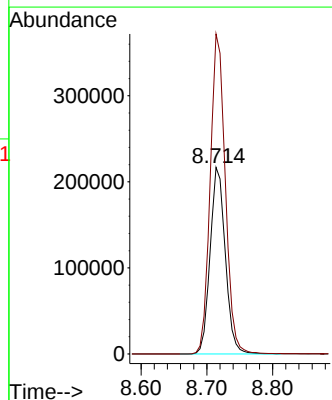
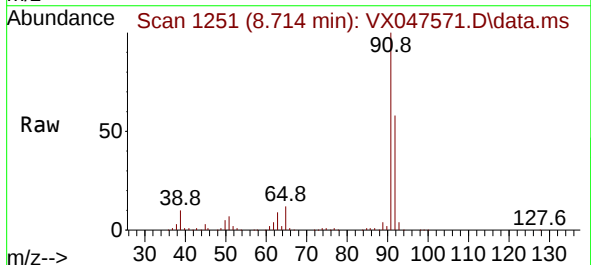
Manual Integrations
APPROVED

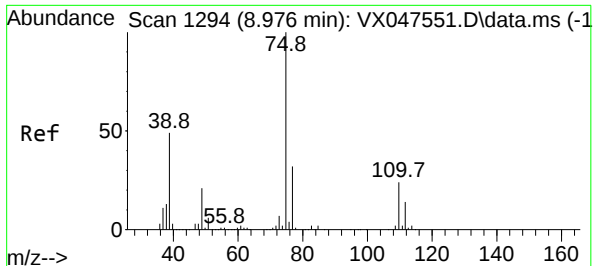
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#52
Toluene
Concen: 46.703 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion: 92 Resp: 348145
Ion Ratio Lower Upper
92 100
91 171.2 137.8 206.8





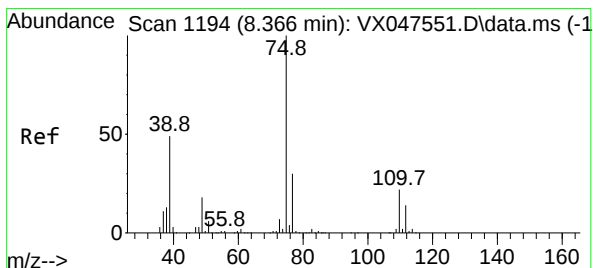
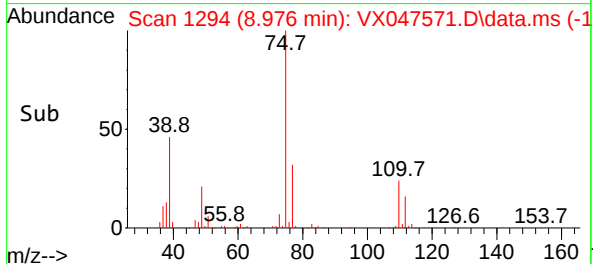
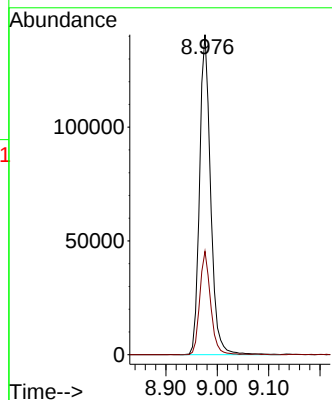
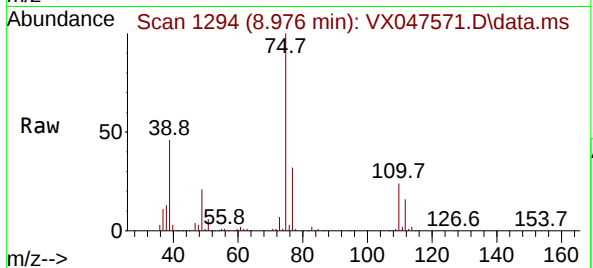
#53
 t-1,3-Dichloropropene
 Concen: 50.395 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX047571.D
 Acq: 02 Sep 2025 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 21059
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5

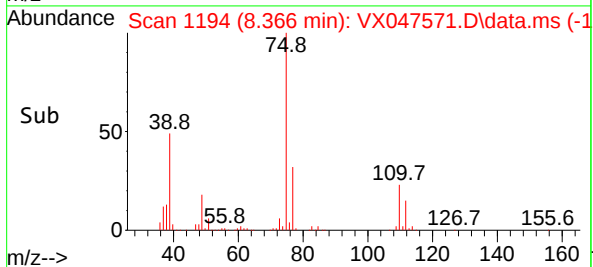
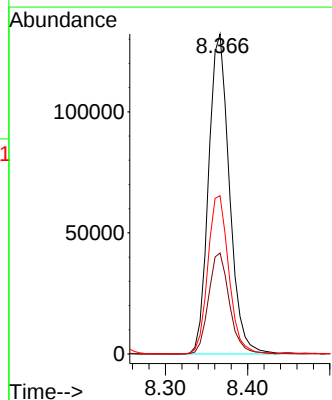
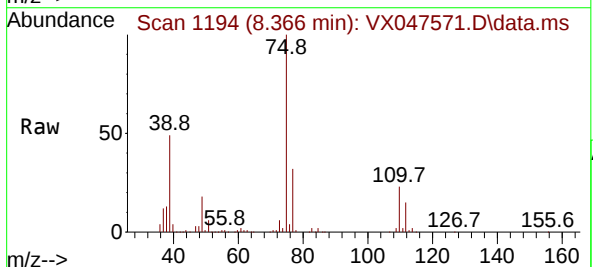
Manual Integrations
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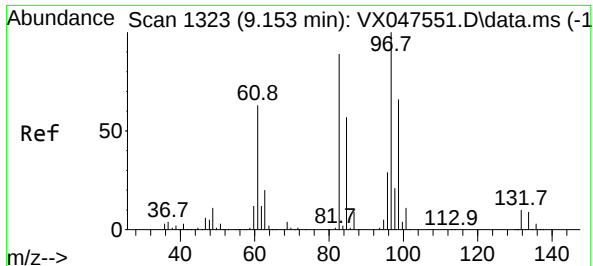
Reviewed By :John Carlone 09/03/2025
 Supervised By :Mahesh Dadoda 09/03/2025



#54
 cis-1,3-Dichloropropene
 Concen: 50.190 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX047571.D
 Acq: 02 Sep 2025 09:56

Tgt Ion: 75 Resp: 232400
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.3 36.5
 39 49.4 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 47.138 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 137080

Ion Ratio Lower Upper

97 100

83 86.3 71.4 107.0

85 54.2 45.6 68.4

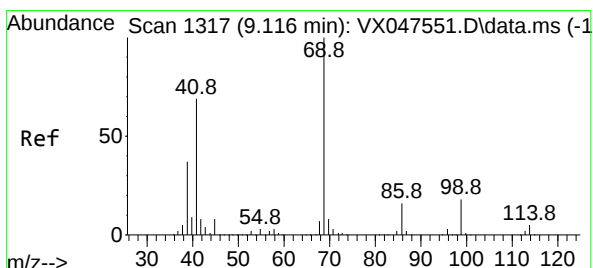
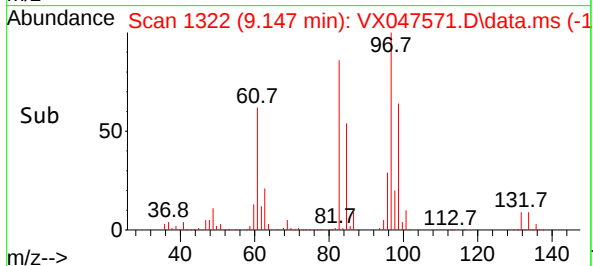
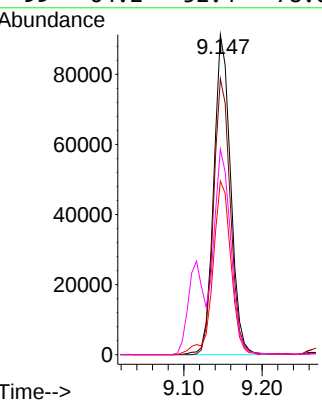
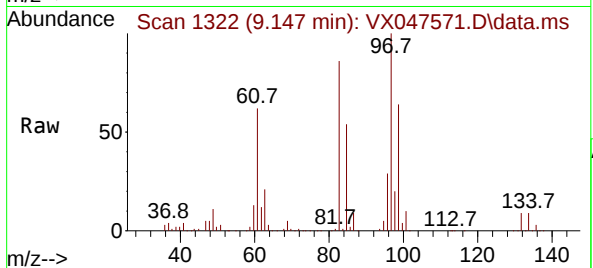
99 64.2 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#56

Ethyl methacrylate

Concen: 48.071 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

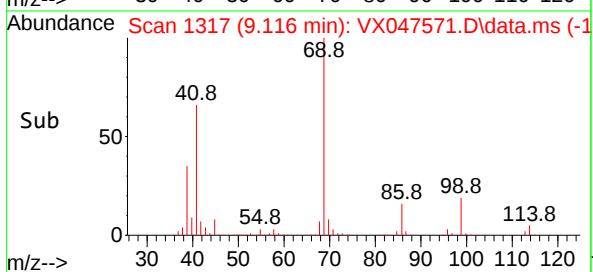
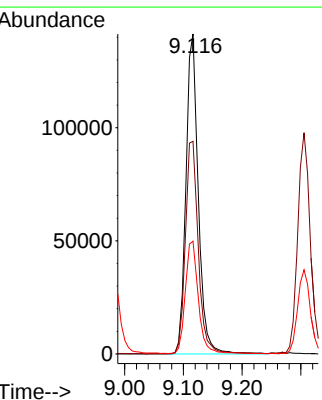
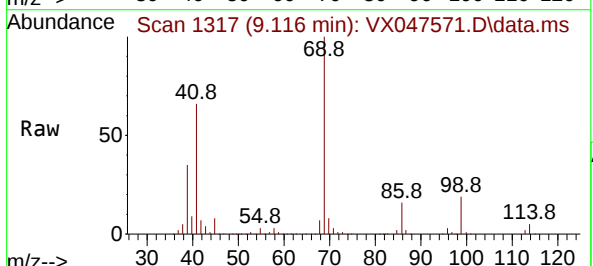
Tgt Ion: 69 Resp: 206944

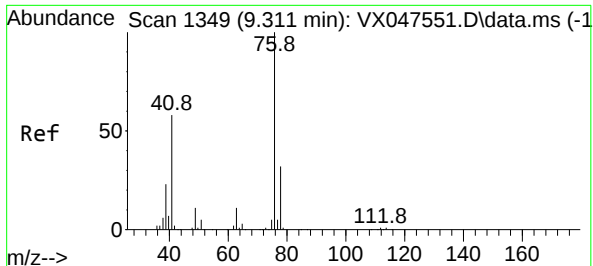
Ion Ratio Lower Upper

69 100

41 69.4 55.0 82.4

39 37.0 29.8 44.6





#57

1,3-Dichloropropane

Concen: 47.060 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 236940

Ion Ratio Lower Upper

76 100

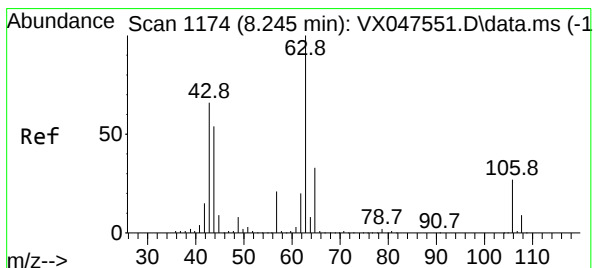
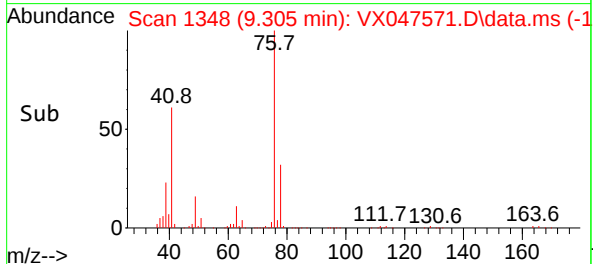
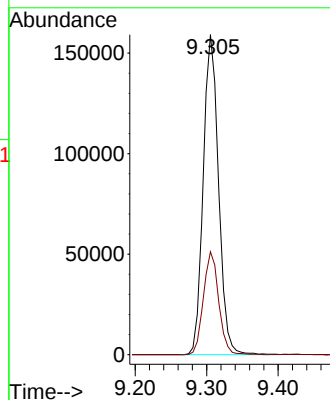
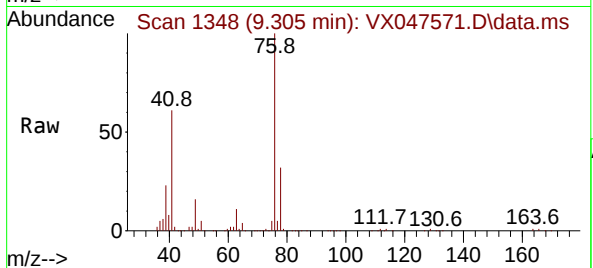
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 249.250 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX047571.D

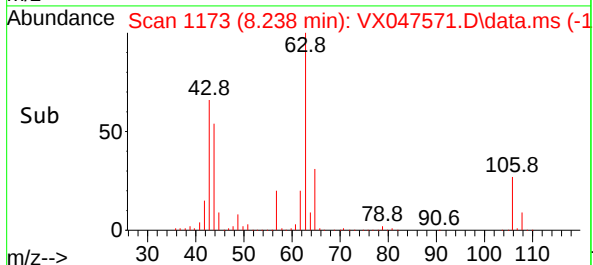
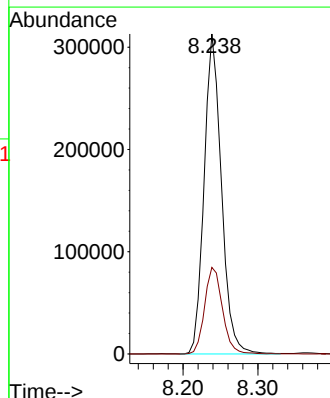
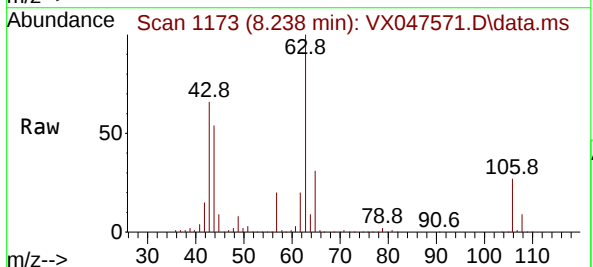
Acq: 02 Sep 2025 09:56

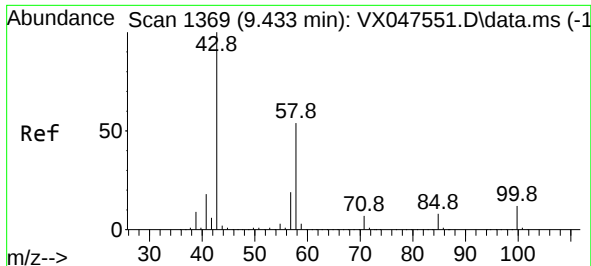
Tgt Ion: 63 Resp: 503415

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.4





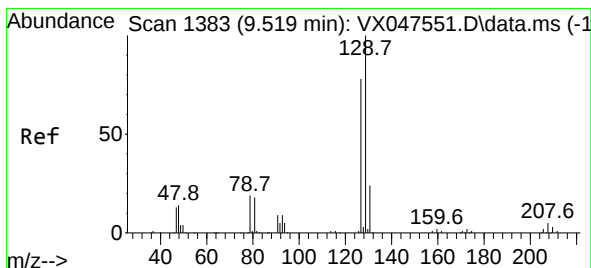
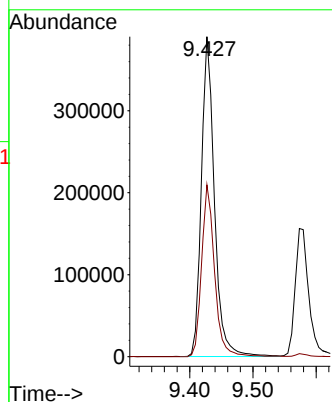
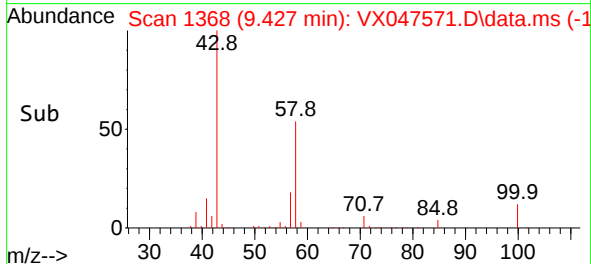
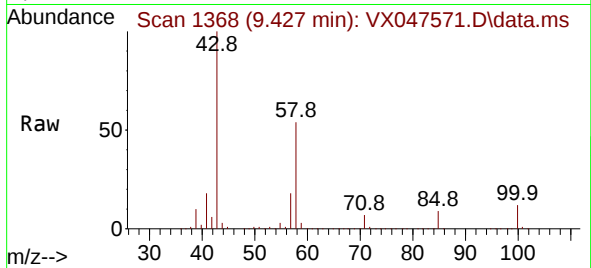
#59
2-Hexanone
Concen: 228.859 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 56053
Ion Ratio Lower Upper
43 100
58 53.7 26.7 80.0

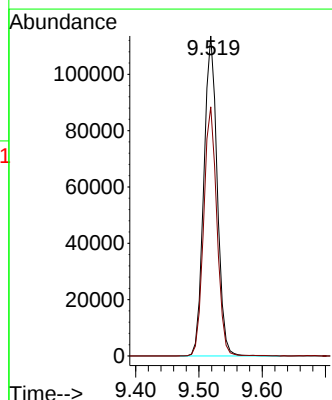
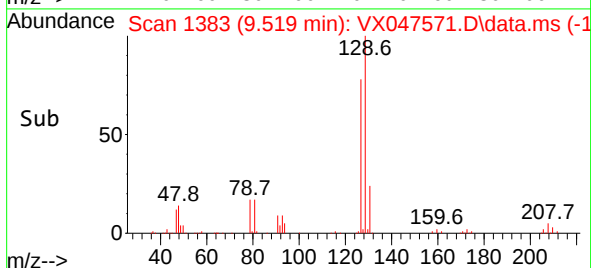
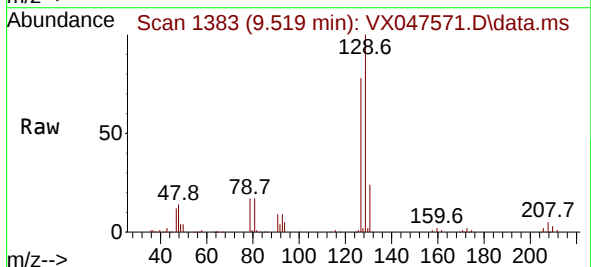
Manual Integrations
APPROVED

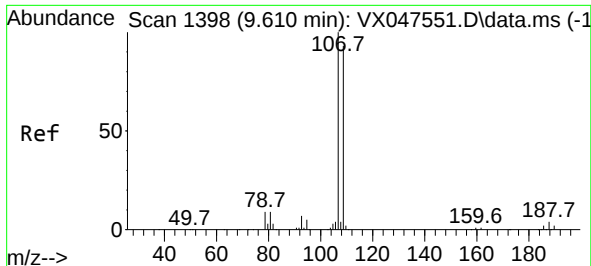
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#60
Dibromochloromethane
Concen: 48.000 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

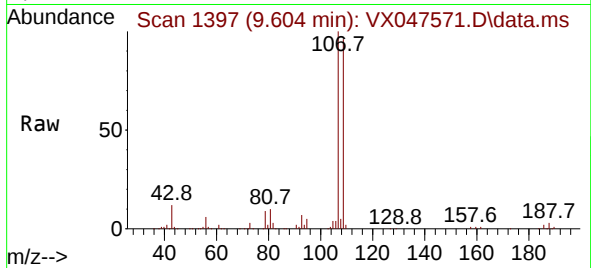
Tgt Ion:129 Resp: 166756
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 47.334 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

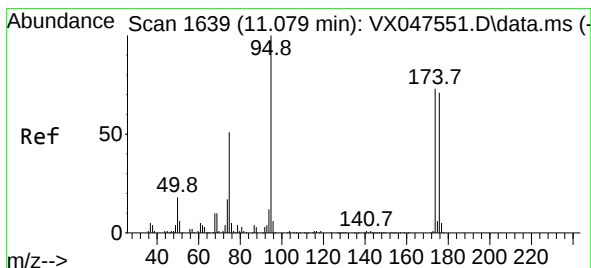
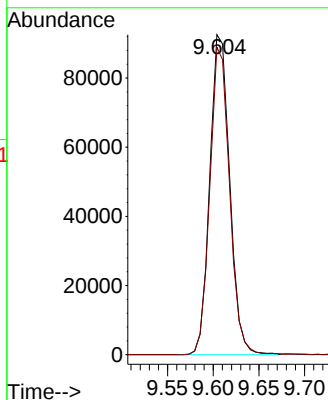
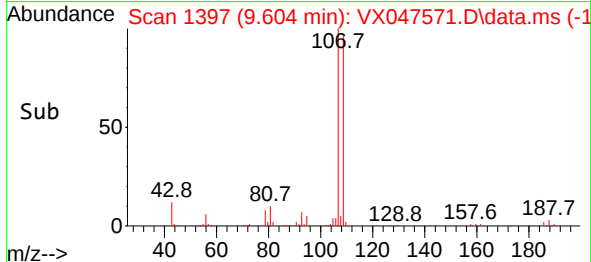
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



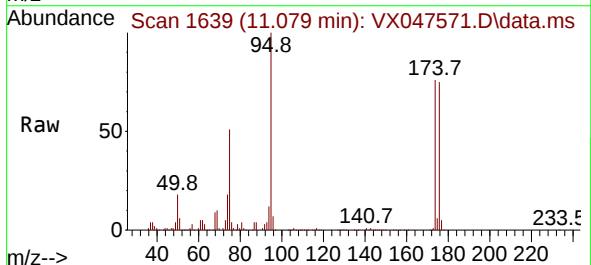
Tgt Ion:107 Resp: 140083
Ion Ratio Lower Upper
107 100
109 95.2 75.5 113.3

Manual Integrations
APPROVED

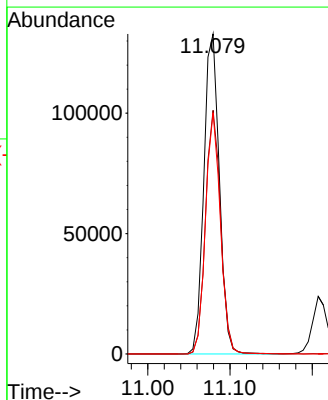
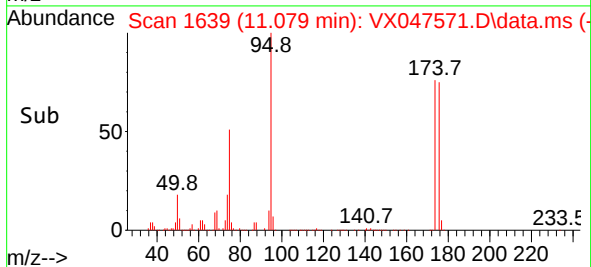
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

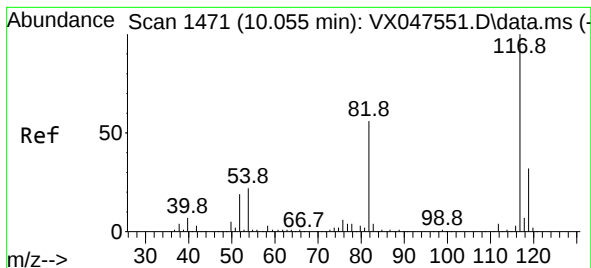


#62
4-Bromofluorobenzene
Concen: 49.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



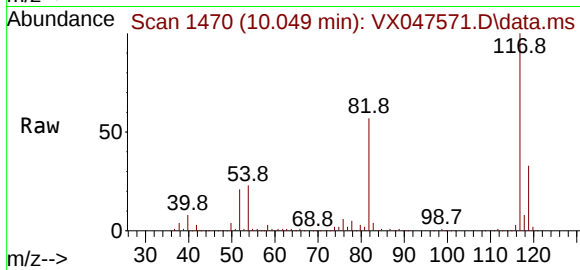
Tgt Ion: 95 Resp: 173827
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.2
176 72.6 0.0 140.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

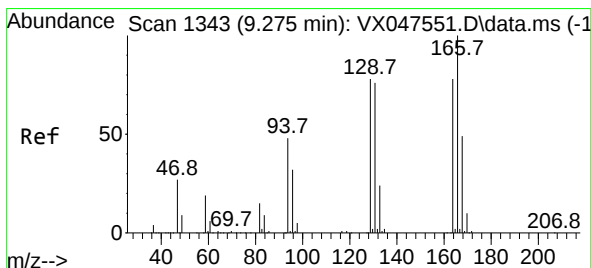
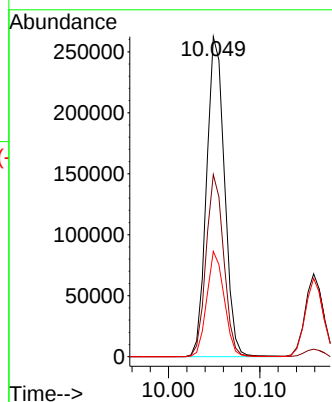
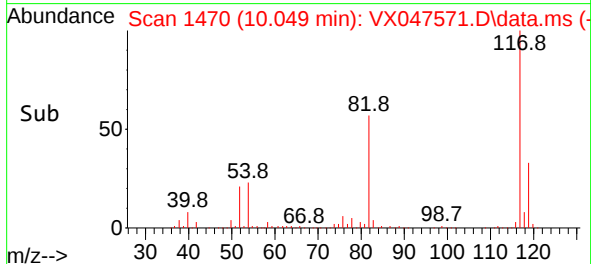
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 357459
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 32.9 25.7 38.5

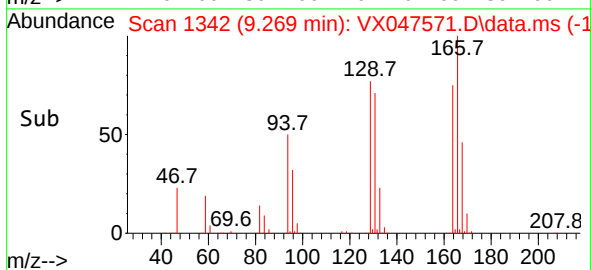
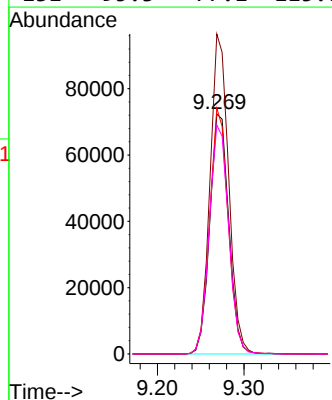
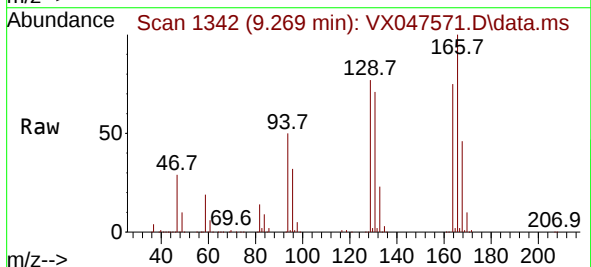
Manual Integrations
APPROVED

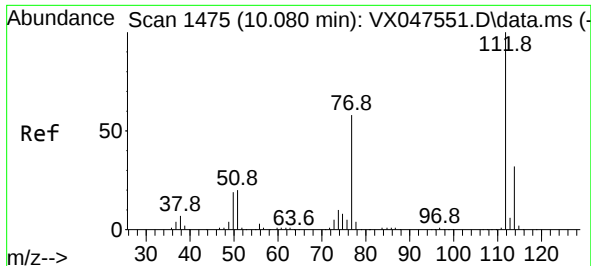
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#64
Tetrachloroethene
Concen: 46.122 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion:164 Resp: 110453
Ion Ratio Lower Upper
164 100
166 133.3 102.1 153.1
129 102.4 79.3 118.9
131 95.3 77.1 115.7





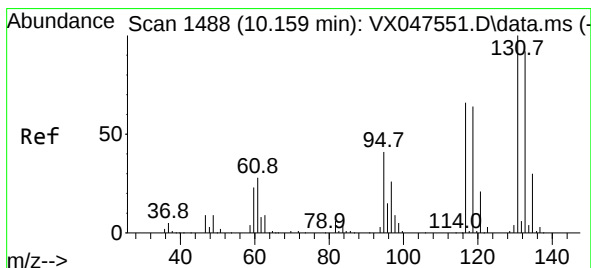
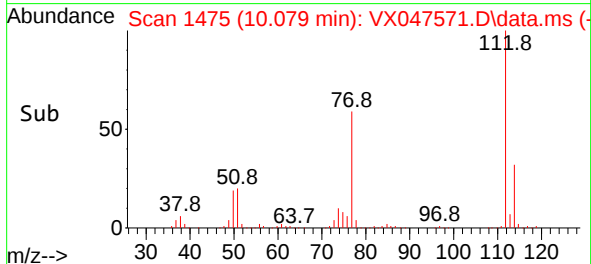
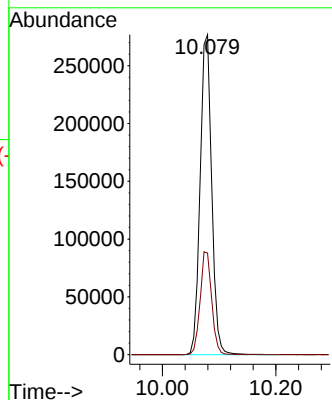
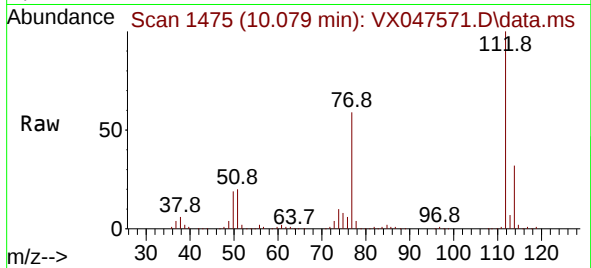
#65
Chlorobenzene
Concen: 46.734 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 391063
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

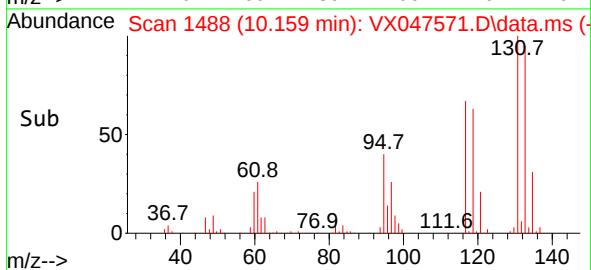
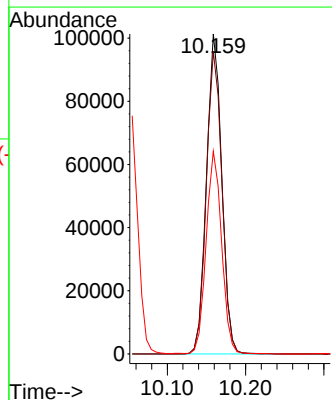
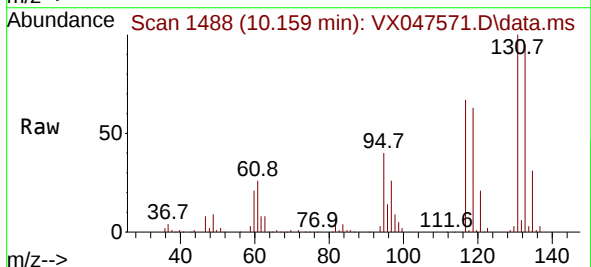
Manual Integrations
APPROVED

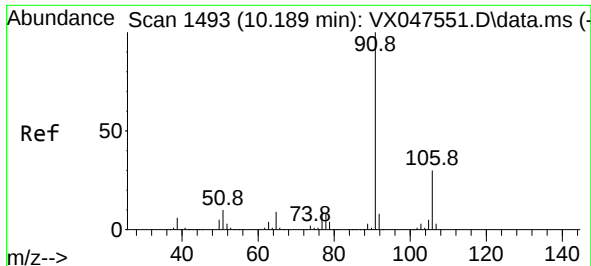
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.419 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion:131 Resp: 137392
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 64.3 32.6 97.7





#67

Ethyl Benzene

Concen: 46.953 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 660225

Ion Ratio Lower Upper

91 100

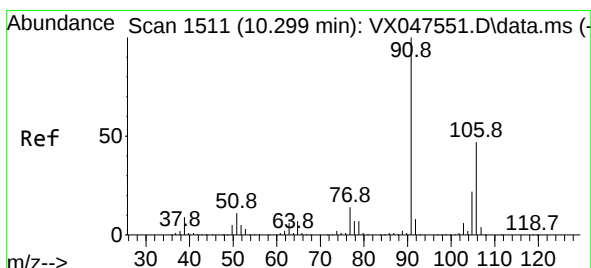
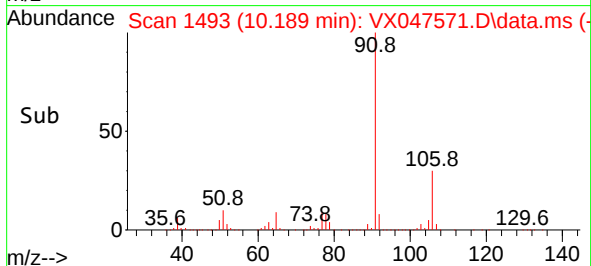
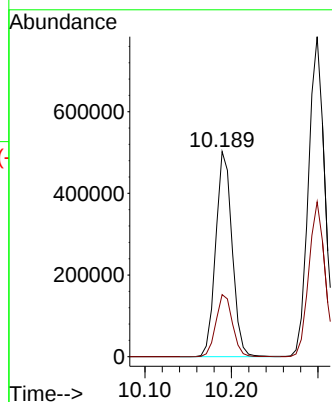
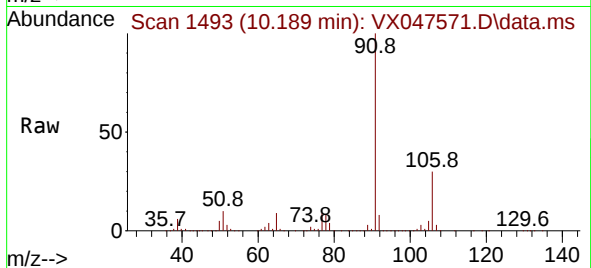
106 30.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#68

m/p-Xylenes

Concen: 94.884 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047571.D

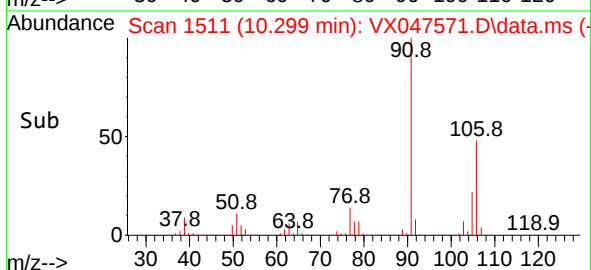
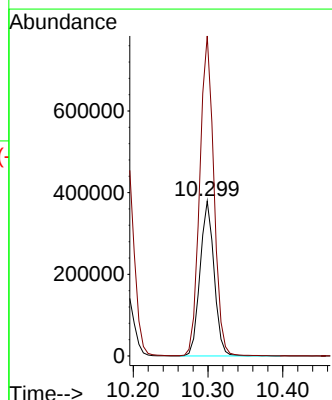
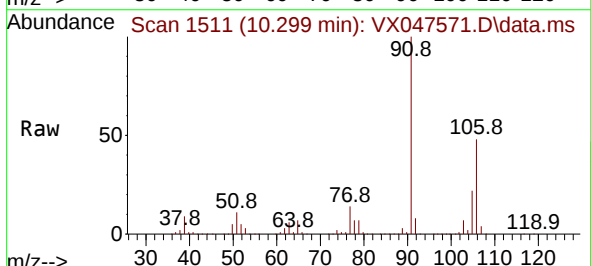
Acq: 02 Sep 2025 09:56

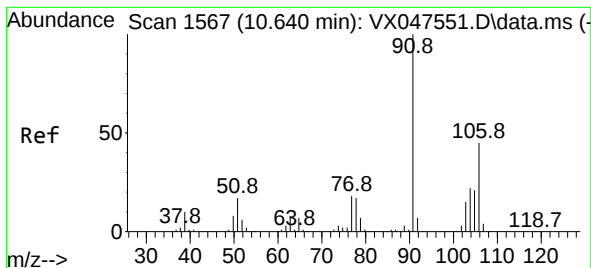
Tgt Ion:106 Resp: 495557

Ion Ratio Lower Upper

106 100

91 207.8 166.1 249.1





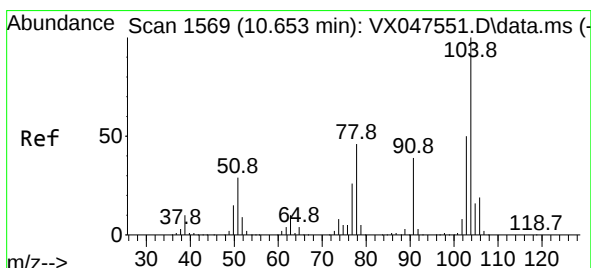
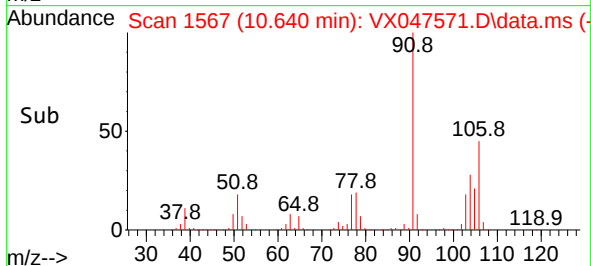
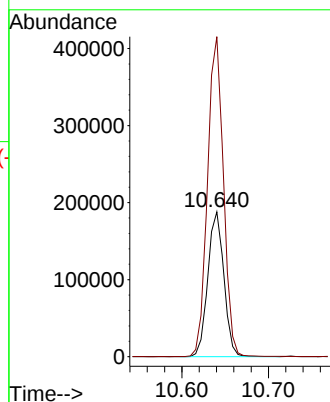
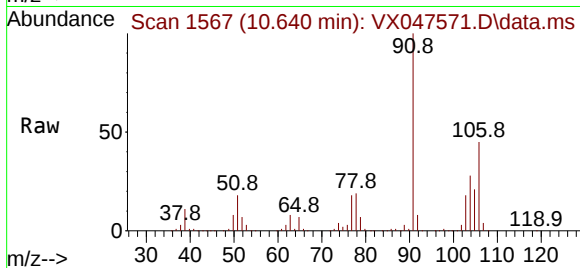
#69
o-Xylene
Concen: 48.064 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 241820
Ion Ratio Lower Upper
106 100
91 220.0 109.9 329.7

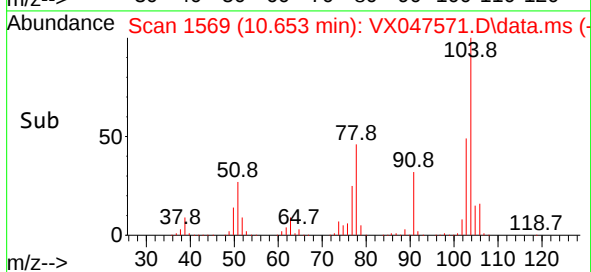
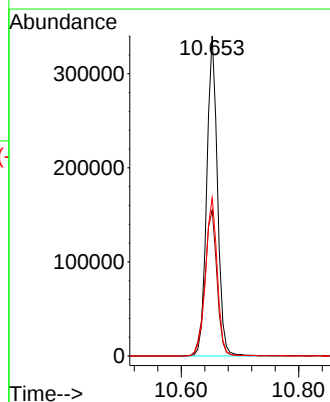
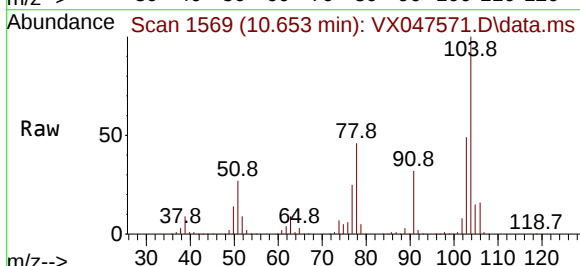
Manual Integrations
APPROVED

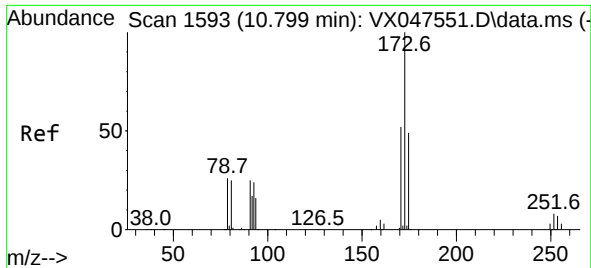
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#70
Styrene
Concen: 49.293 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

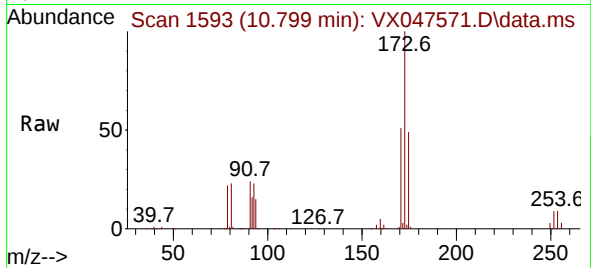
Tgt Ion:104 Resp: 430321
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 54.0 43.0 64.4





#71
Bromoform
Concen: 49.875 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

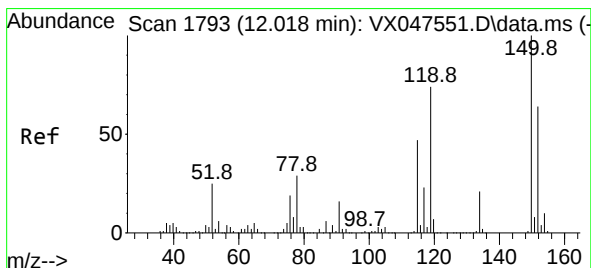
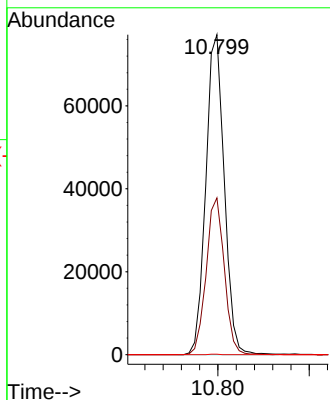
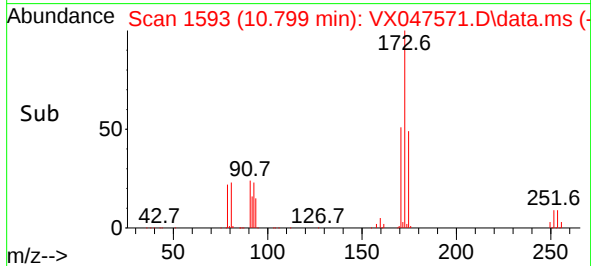
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 107764
Ion Ratio Lower Upper
173 100
175 48.3 24.5 73.5
254 0.1 0.1 0.1

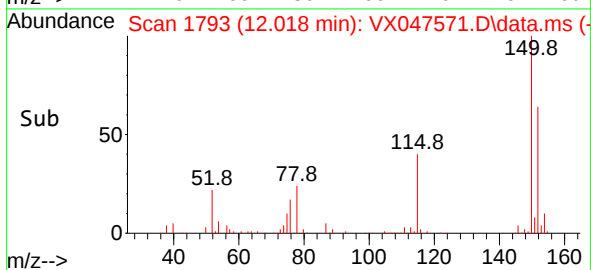
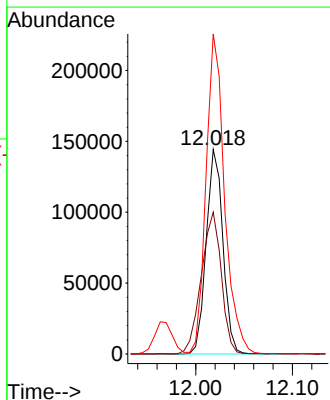
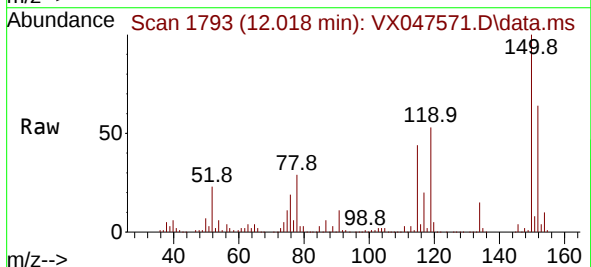
Manual Integrations
APPROVED

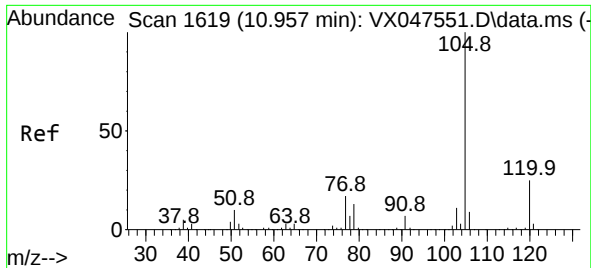
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

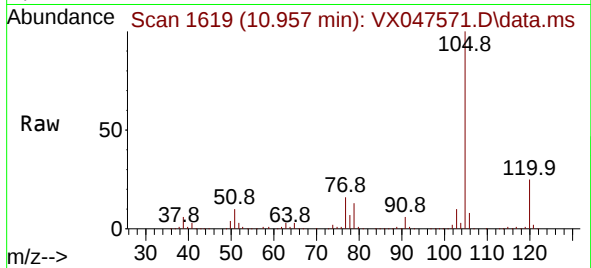
Tgt Ion:152 Resp: 173343
Ion Ratio Lower Upper
152 100
115 83.4 42.9 128.5
150 173.2 0.0 351.0





#73
Isopropylbenzene
Concen: 47.773 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

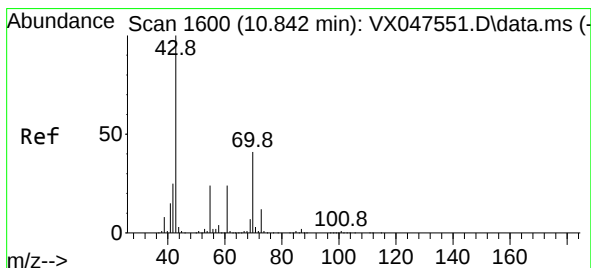
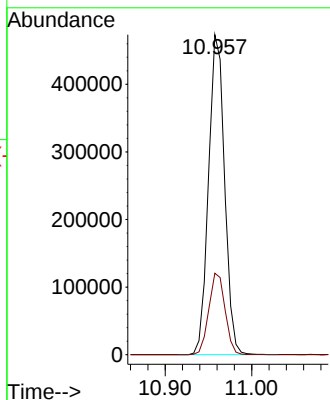
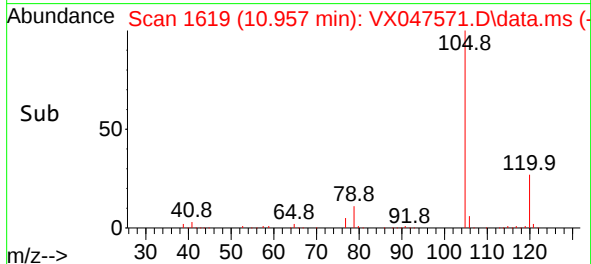
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



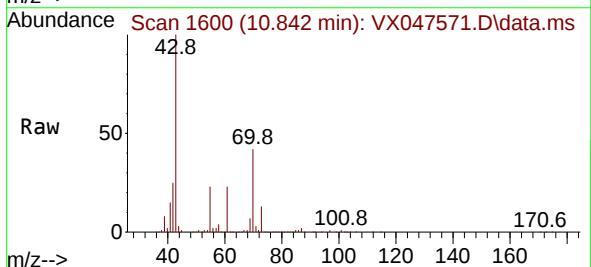
Tgt Ion:105 Resp: 609354
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

Manual Integrations
APPROVED

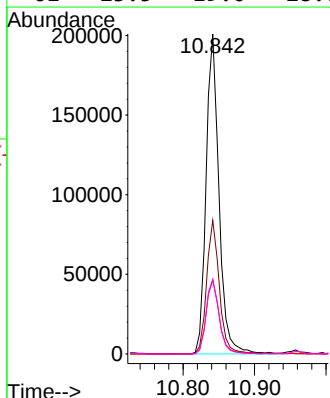
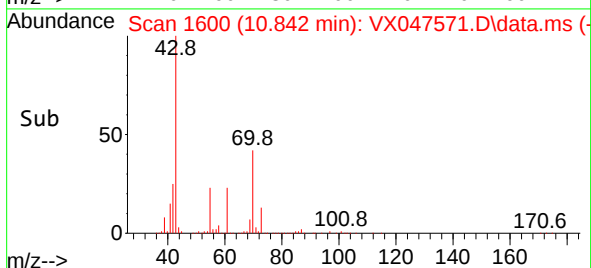
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

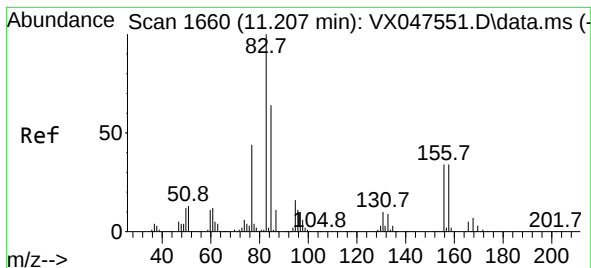


#74
N-ethyl acetate
Concen: 47.883 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



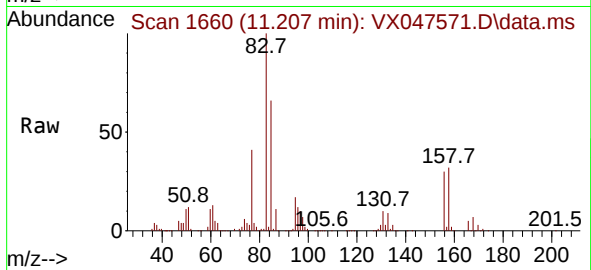
Tgt Ion: 43 Resp: 252216
Ion Ratio Lower Upper
43 100
70 41.2 32.9 49.3
55 23.8 19.2 28.8
61 23.5 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 46.075 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

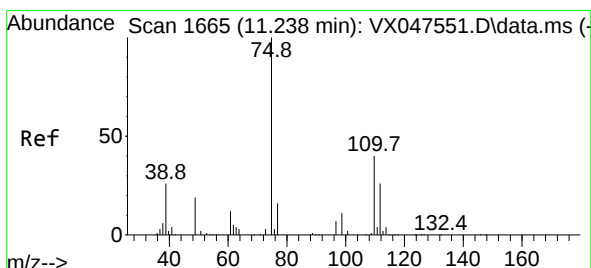
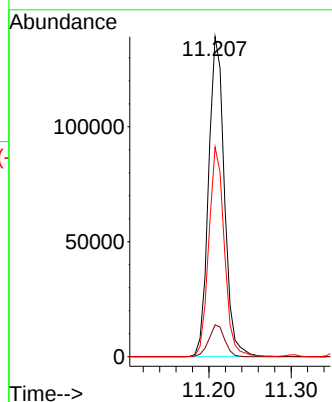
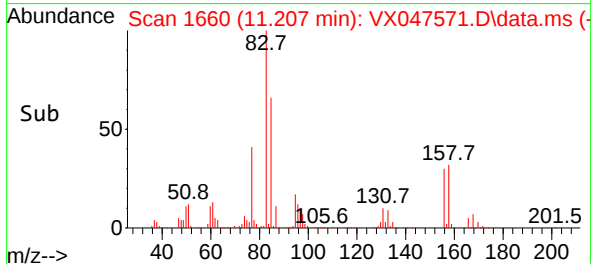
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



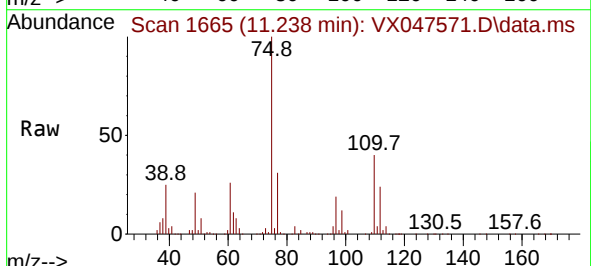
Tgt Ion: 83 Resp: 185778
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.3 32.4 97.0

Manual Integrations
APPROVED

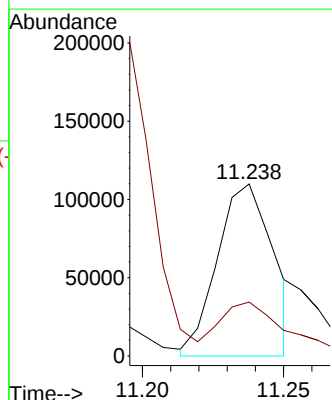
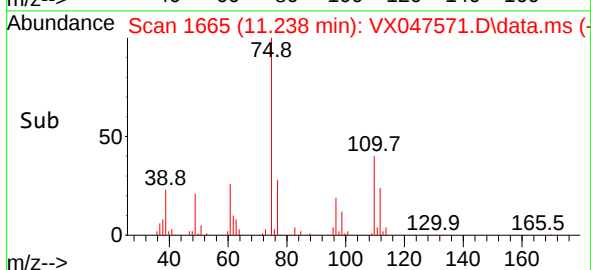
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

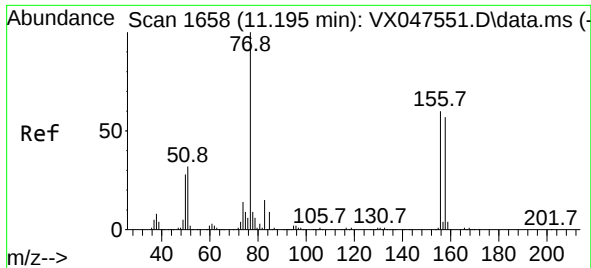


#76
1,2,3-Trichloropropane
Concen: 48.838 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



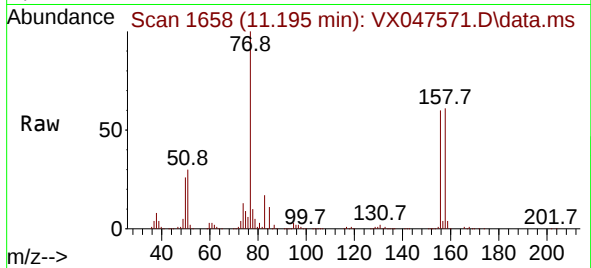
Tgt Ion: 75 Resp: 151093
Ion Ratio Lower Upper
75 100
77 38.2 19.7 59.1





#77
Bromobenzene
Concen: 48.639 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

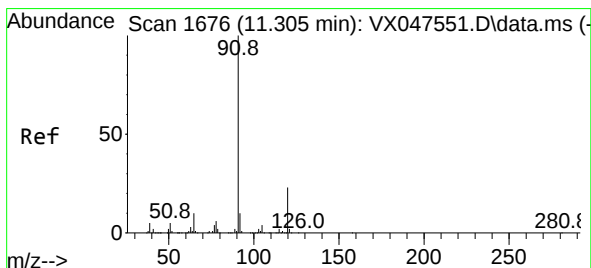
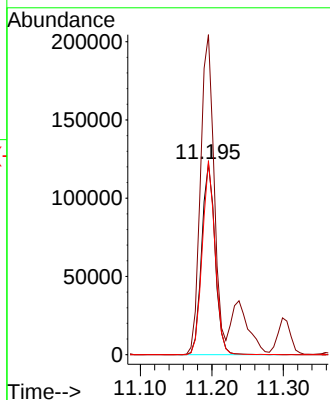
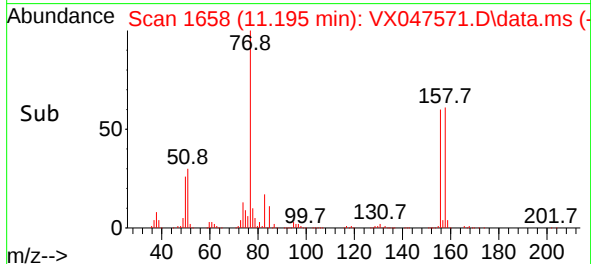
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



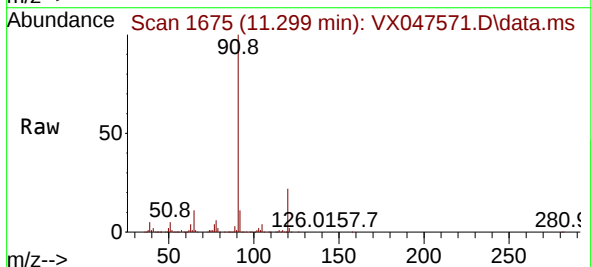
Tgt Ion:156 Resp: 158709
Ion Ratio Lower Upper
156 100
77 170.5 84.4 253.1
158 97.2 47.4 142.3

Manual Integrations
APPROVED

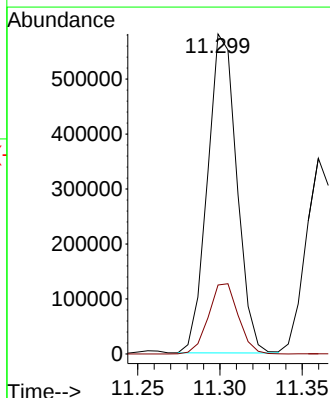
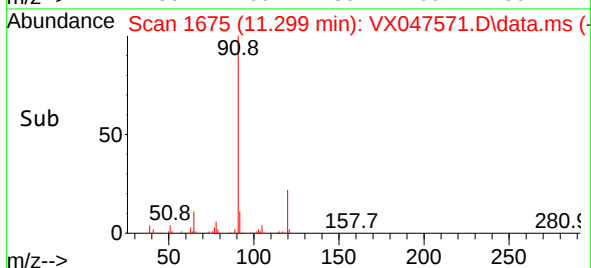
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

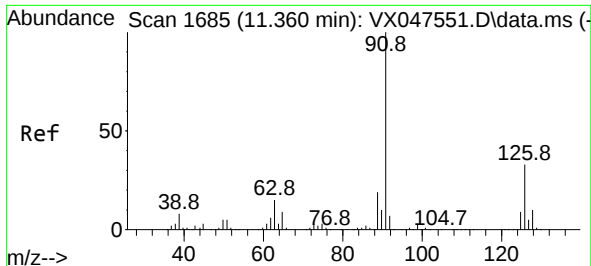


#78
n-propylbenzene
Concen: 47.398 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



Tgt Ion: 91 Resp: 719801
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6





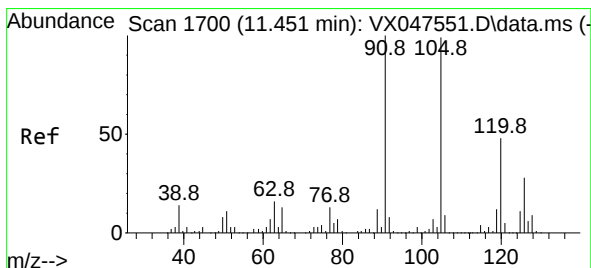
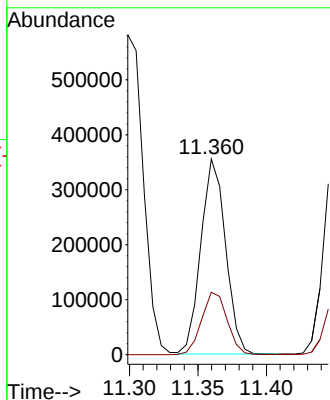
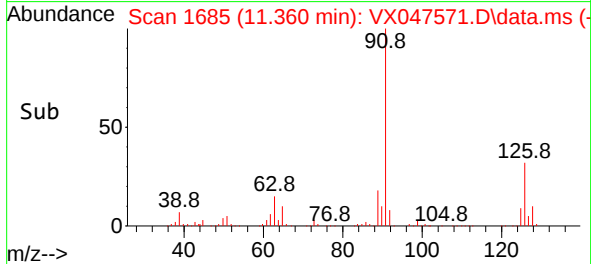
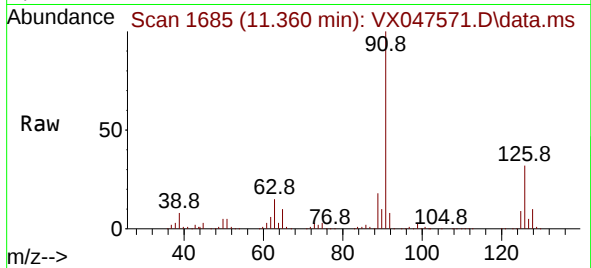
#79
2-Chlorotoluene
Concen: 47.336 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 44581
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2

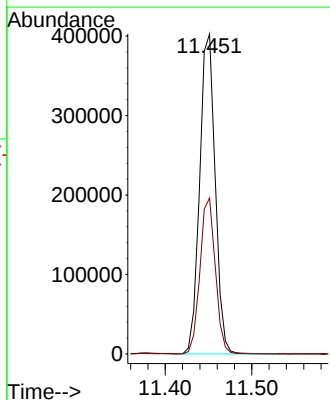
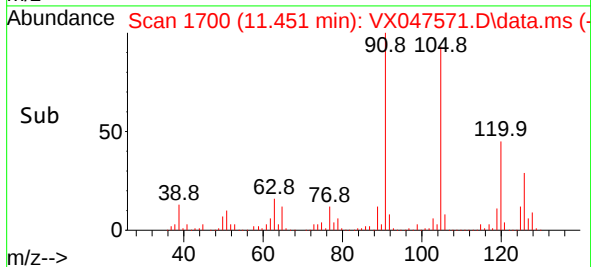
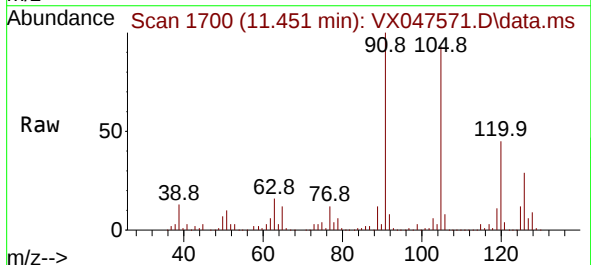
Manual Integrations
APPROVED

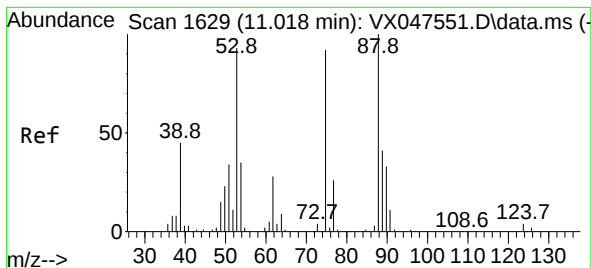
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.174 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

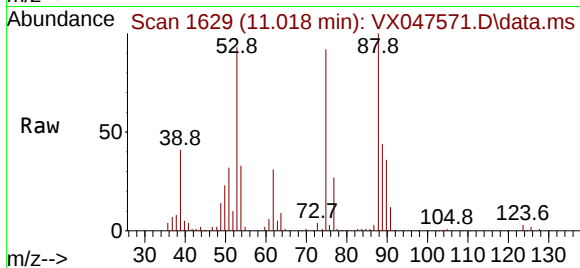
Tgt Ion:105 Resp: 502421
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 44.961 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

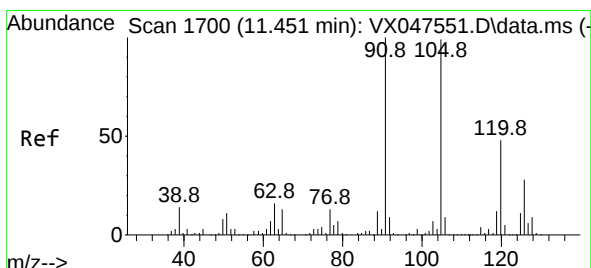
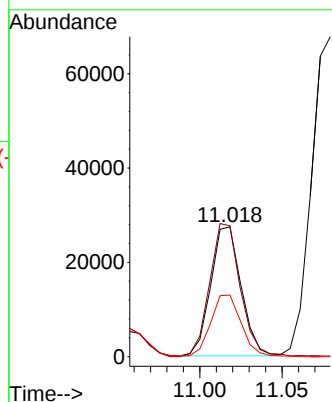
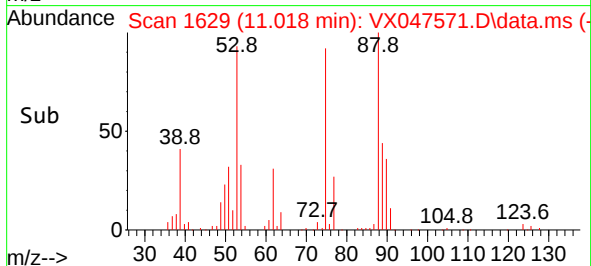
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



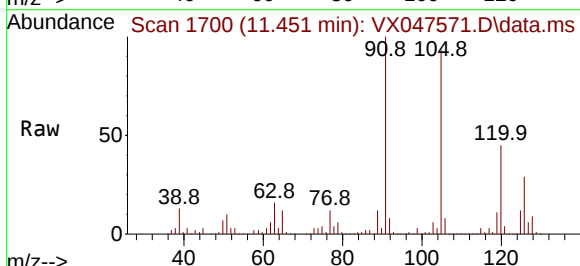
Tgt Ion: 75 Resp: 35179
Ion Ratio Lower Upper
75 100
53 104.8 85.7 128.5
89 48.1 36.4 54.6

Manual Integrations
APPROVED

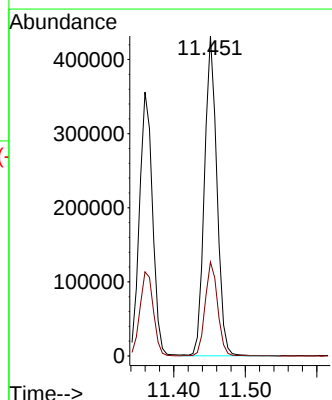
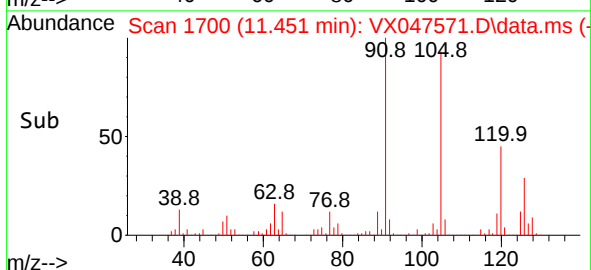
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

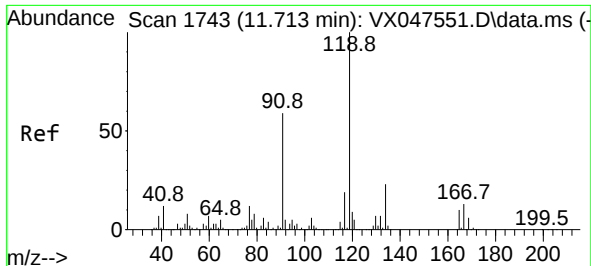


#82
4-Chlorotoluene
Concen: 47.181 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



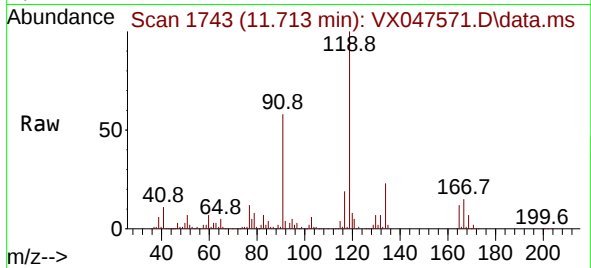
Tgt Ion: 91 Resp: 521374
Ion Ratio Lower Upper
91 100
126 29.4 14.6 43.8





#83
tert-Butylbenzene
Concen: 47.548 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

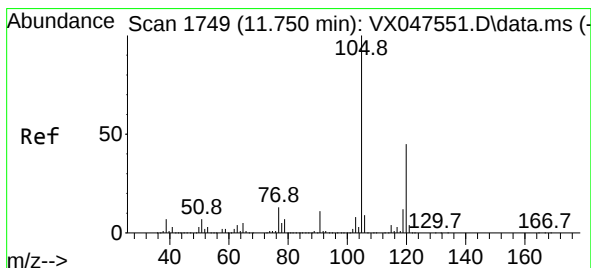
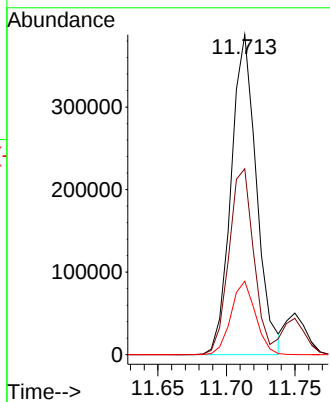
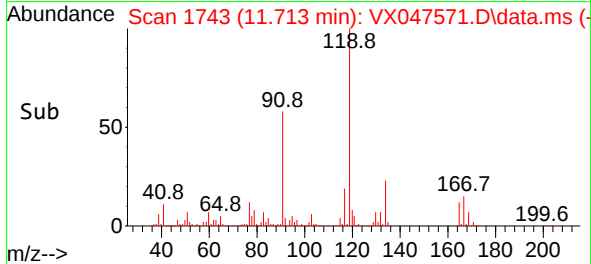
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 499885
Ion Ratio Lower Upper
119 100
91 56.7 28.5 85.5
134 22.2 11.3 33.9

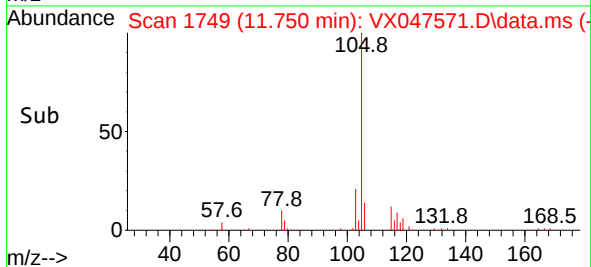
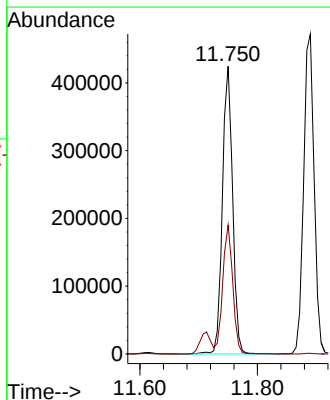
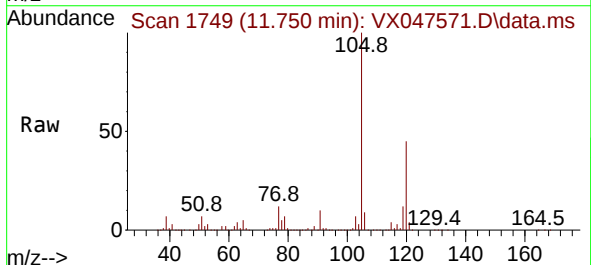
Manual Integrations
APPROVED

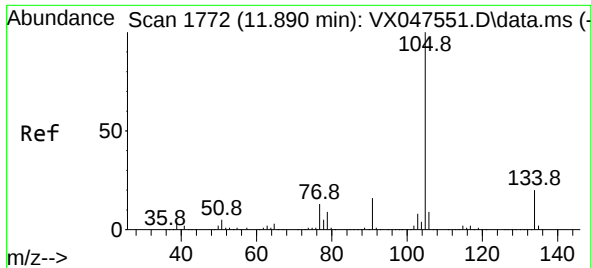
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#84
1,2,4-Trimethylbenzene
Concen: 48.112 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

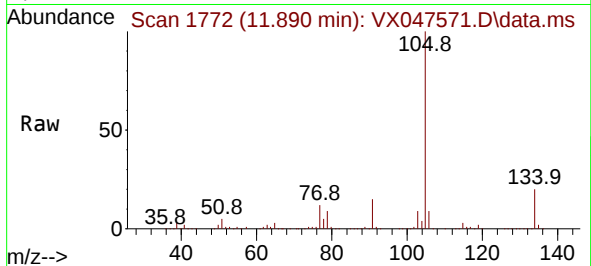
Tgt Ion:105 Resp: 511468
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 46.039 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047571.D
 Acq: 02 Sep 2025 09:56

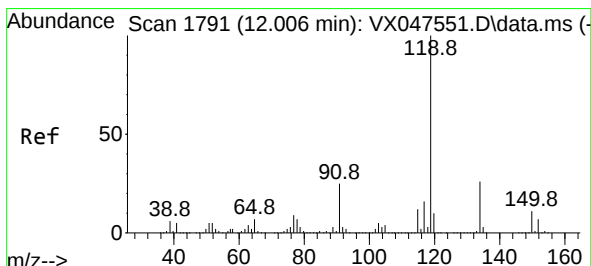
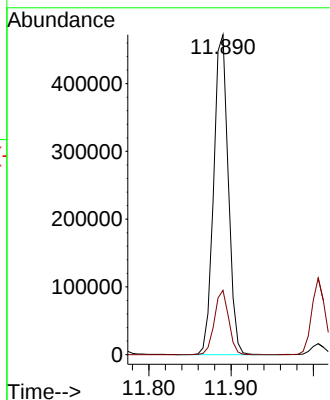
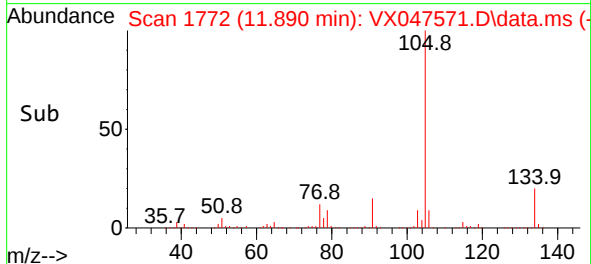
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



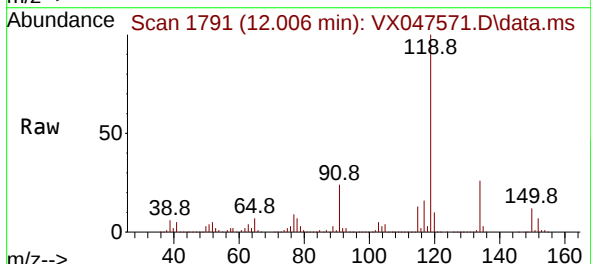
Tgt Ion:105 Resp: 58240
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

Manual Integrations
 APPROVED

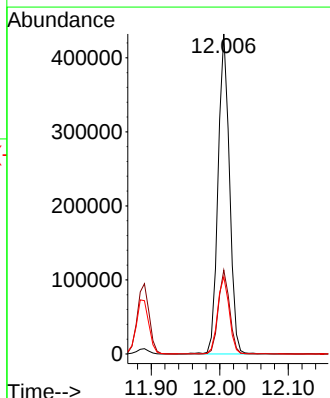
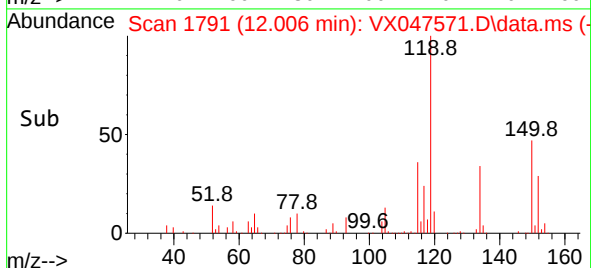
Reviewed By :John Carlone 09/03/2025
 Supervised By :Mahesh Dadoda 09/03/2025

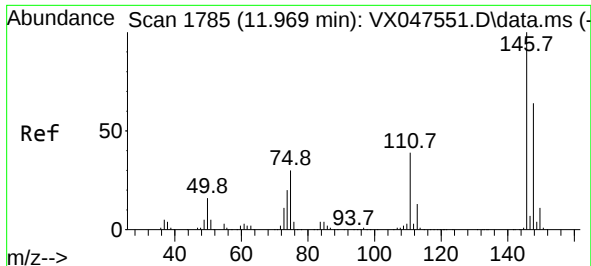


#86
 p-Isopropyltoluene
 Concen: 46.682 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047571.D
 Acq: 02 Sep 2025 09:56



Tgt Ion:119 Resp: 495015
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.369 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 288174

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

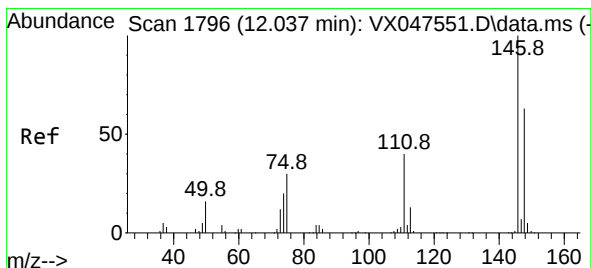
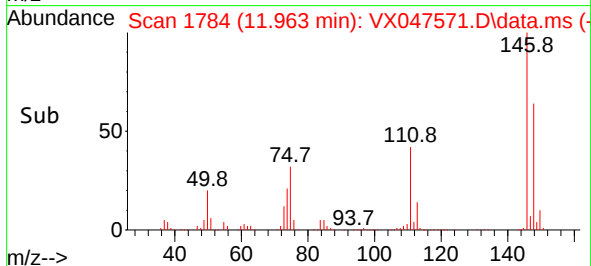
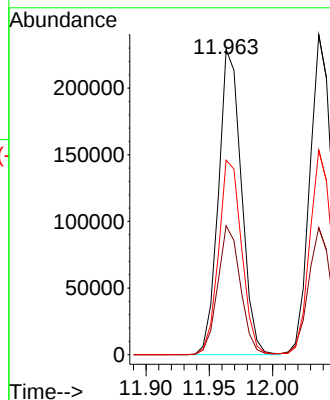
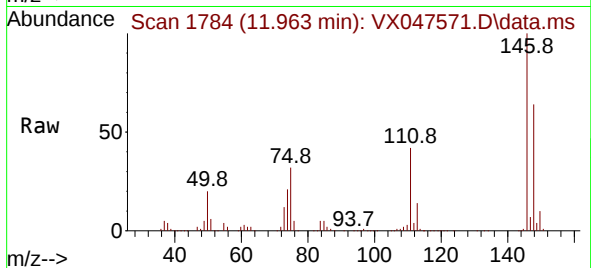
148 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#88

1,4-Dichlorobenzene

Concen: 46.735 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047571.D

Acq: 02 Sep 2025 09:56

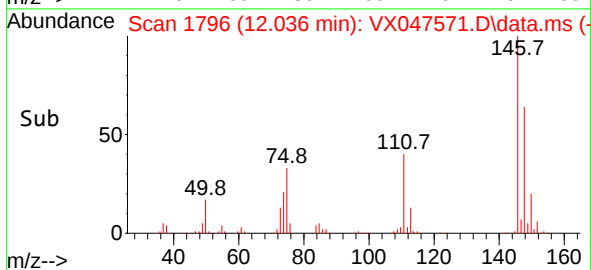
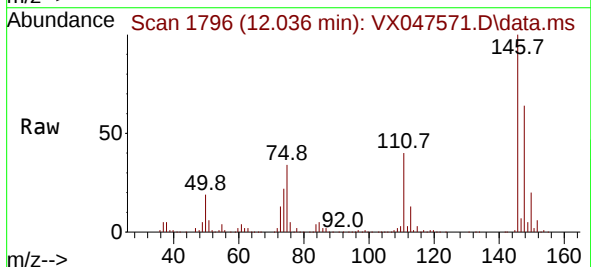
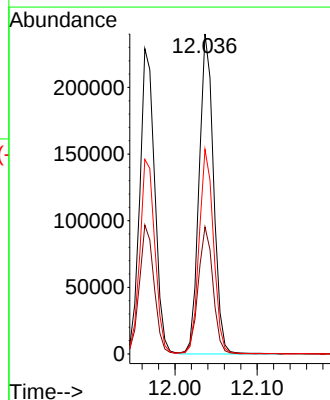
Tgt Ion:146 Resp: 293552

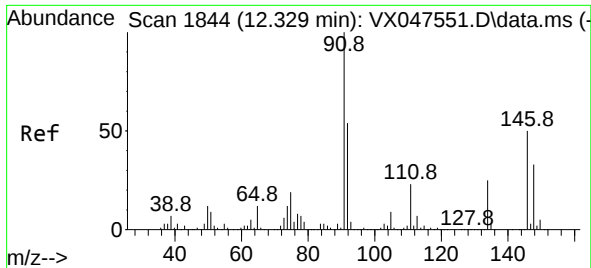
Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

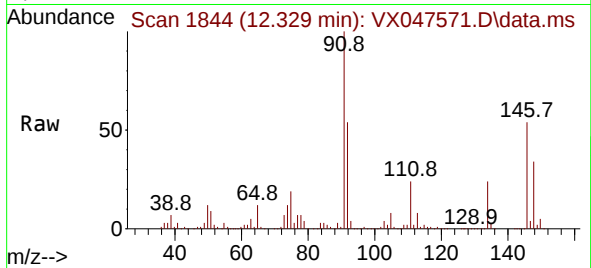
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 45.707 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

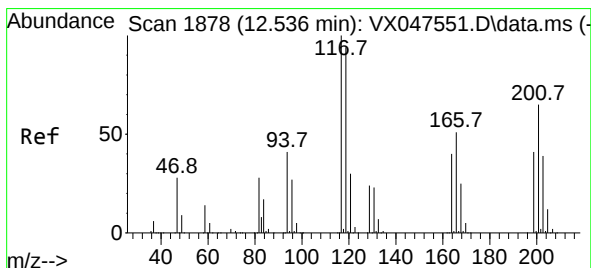
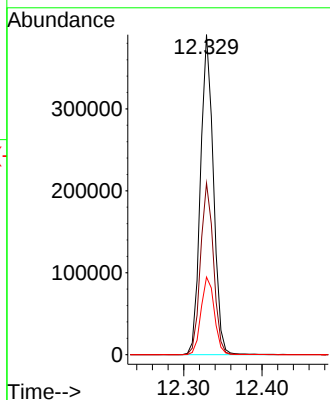
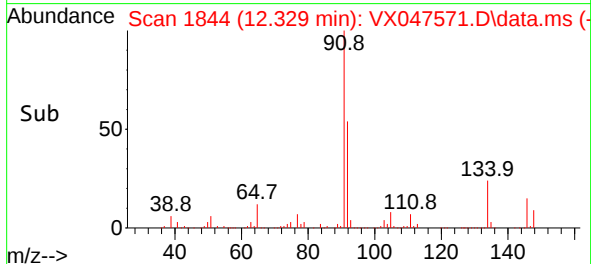
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 447338
Ion Ratio Lower Upper
91 100
92 53.8 27.0 81.0
134 25.0 12.6 37.6

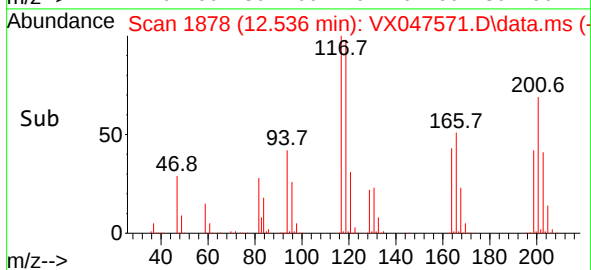
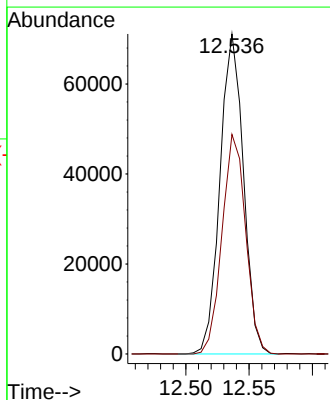
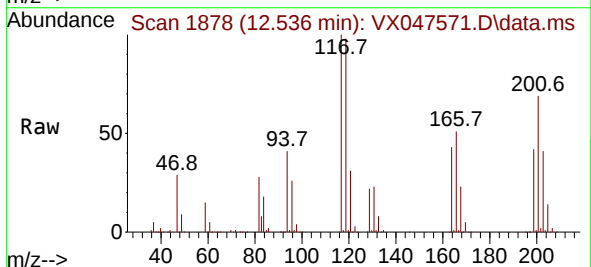
Manual Integrations
APPROVED

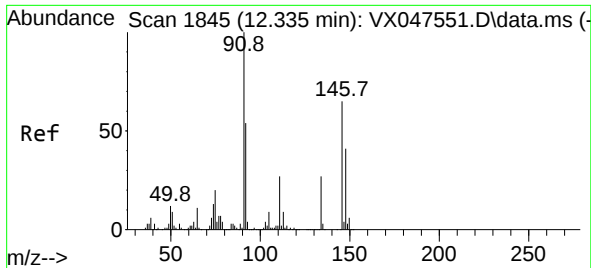
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#90
Hexachloroethane
Concen: 46.888 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

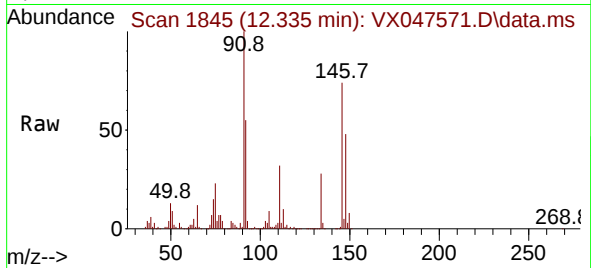
Tgt Ion:117 Resp: 91395
Ion Ratio Lower Upper
117 100
201 69.3 33.7 101.1





#91
1,2-Dichlorobenzene
Concen: 46.206 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

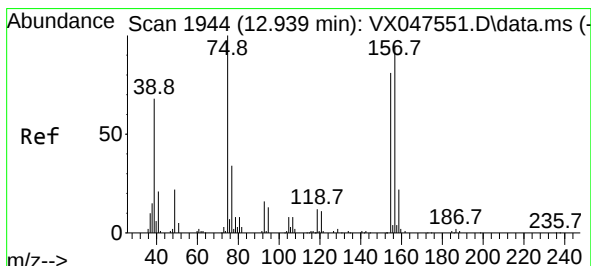
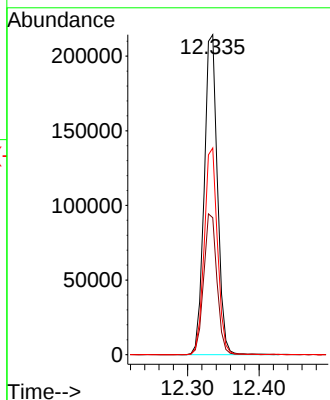
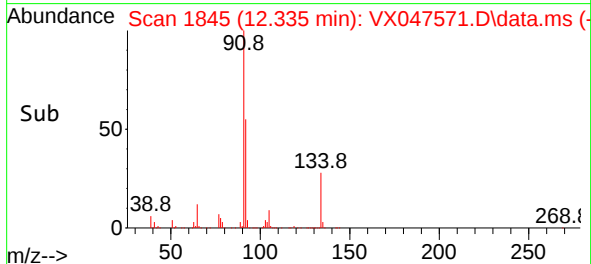
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



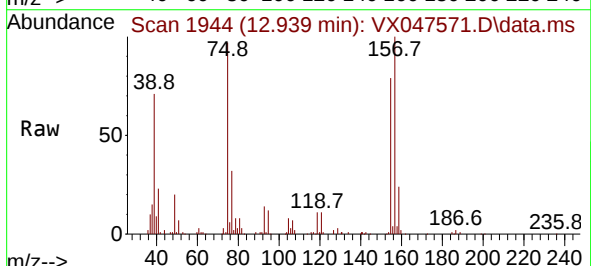
Tgt Ion:146 Resp: 275450
Ion Ratio Lower Upper
146 100
111 44.2 21.7 65.1
148 64.8 32.0 96.2

Manual Integrations
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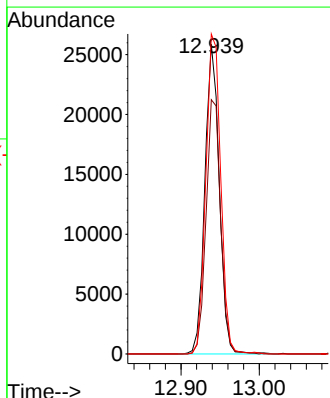
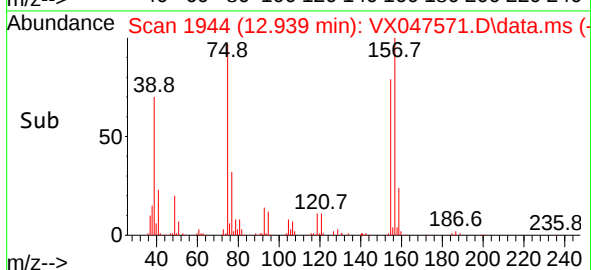
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

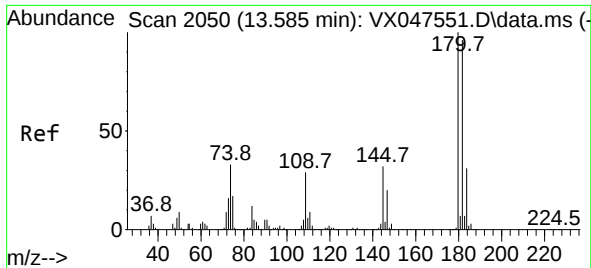


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.319 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



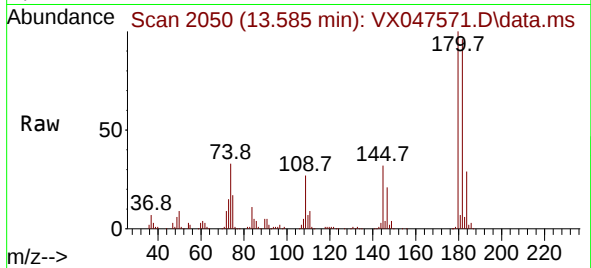
Tgt Ion: 75 Resp: 32962
Ion Ratio Lower Upper
75 100
155 83.4 41.9 125.6
157 106.9 51.8 155.4





#93
1,2,4-Trichlorobenzene
Concen: 46.672 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

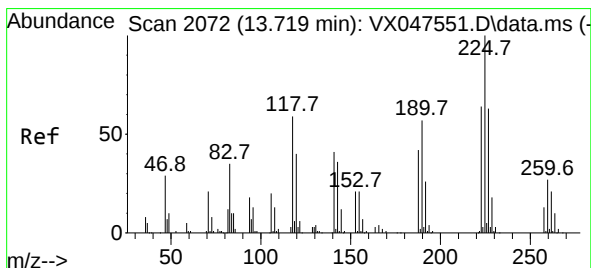
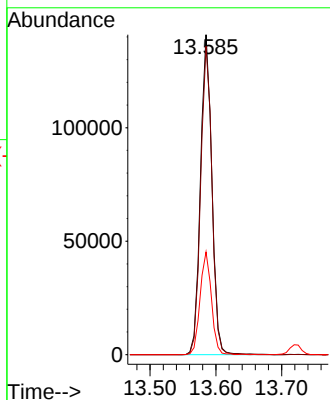
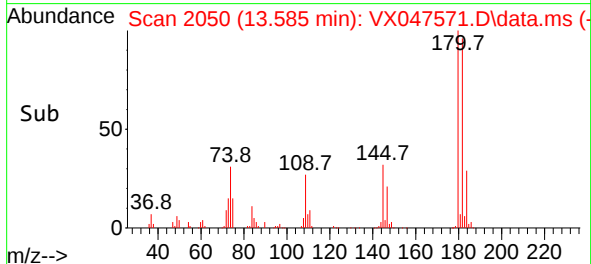
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



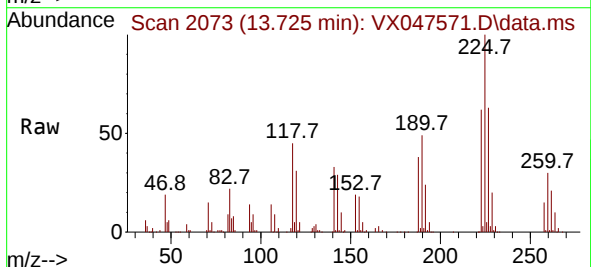
Tgt Ion:180 Resp: 169598
Ion Ratio Lower Upper
180 100
182 96.1 47.7 143.1
145 31.9 16.3 48.8

Manual Integrations
APPROVED

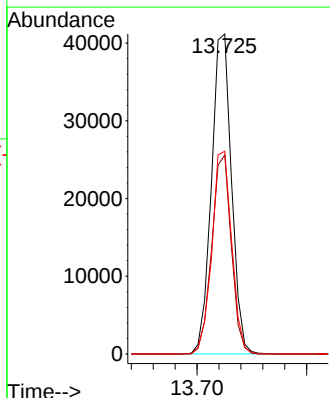
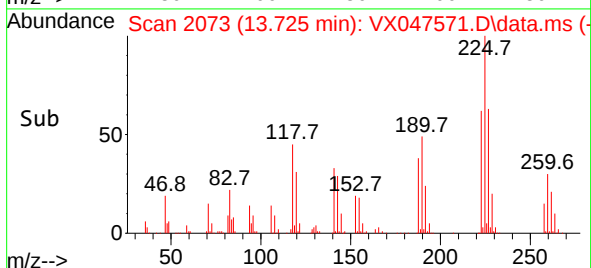
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

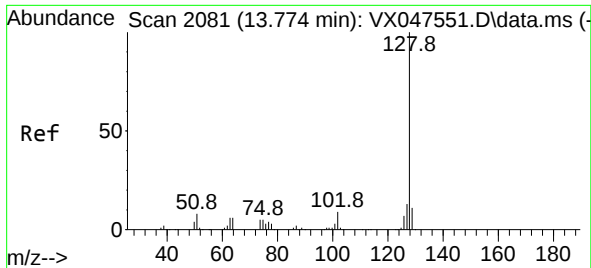


#94
Hexachlorobutadiene
Concen: 41.419 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56



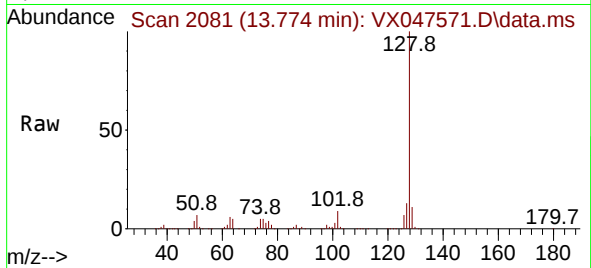
Tgt Ion:225 Resp: 52313
Ion Ratio Lower Upper
225 100
223 60.7 31.1 93.5
227 62.6 31.8 95.3





#95
Naphthalene
Concen: 45.881 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

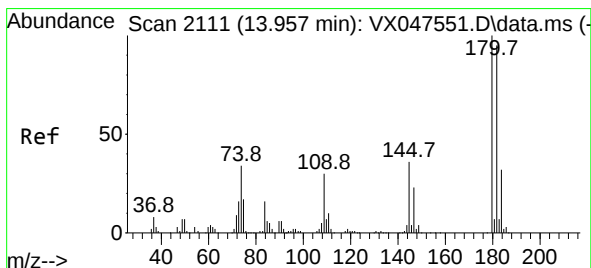
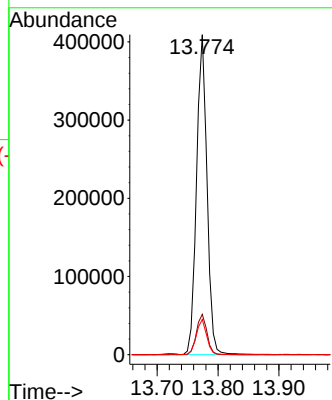
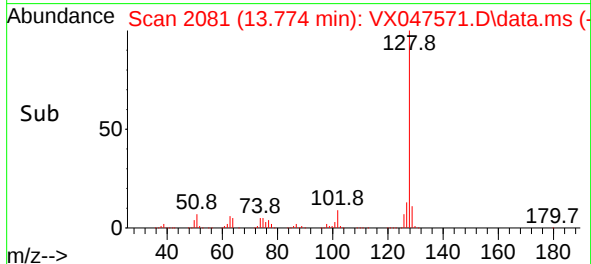
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 487359
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.442 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047571.D
Acq: 02 Sep 2025 09:56

Tgt Ion:180 Resp: 155108
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.4
145 34.2 17.6 52.9

