

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047077.D
 Acq On : 23 Jul 2025 09:30
 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 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:42:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	346372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	582956	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	499261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203034	47.056	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.120%		
35) Dibromofluoromethane	5.391	113	177294	49.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	8.647	98	525666	45.097	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.200%#		
62) 4-Bromofluorobenzene	11.079	95	229331	45.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	250519	54.452	ug/l	100
3) Chloromethane	1.307	50	246942	54.262	ug/l	99
4) Vinyl Chloride	1.386	62	251264	51.362	ug/l	100
5) Bromomethane	1.618	94	190341	71.627	ug/l	99
6) Chloroethane	1.703	64	146754	45.675	ug/l	98
7) Trichlorofluoromethane	1.904	101	370828	50.835	ug/l	99
8) Diethyl Ether	2.148	74	124399	48.366	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	216478	49.257	ug/l	99
10) Methyl Iodide	2.465	142	173239	38.677	ug/l	99
11) Tert butyl alcohol	2.953	59	102565	201.345	ug/l	98
12) 1,1-Dichloroethene	2.331	96	211450	48.577	ug/l	99
13) Acrolein	2.246	56	262265	282.299	ug/l	99
14) Allyl chloride	2.678	41	389208	49.464	ug/l	99
15) Acrylonitrile	3.069	53	489993	238.115	ug/l	99
16) Acetone	2.386	43	436668	252.631	ug/l	98
17) Carbon Disulfide	2.526	76	604536	48.006	ug/l	98
18) Methyl Acetate	2.709	43	217073	47.258	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	614233	46.366	ug/l	98
20) Methylene Chloride	2.800	84	220624	46.396	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	213566	47.945	ug/l	97
22) Diisopropyl ether	3.764	45	724699	47.905	ug/l	97
23) Vinyl Acetate	3.727	43	2906353	239.529	ug/l	100
24) 1,1-Dichloroethane	3.617	63	395078	46.964	ug/l	99
25) 2-Butanone	4.556	43	569017	226.086	ug/l	100
26) 2,2-Dichloropropane	4.483	77	307948	47.290	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	242169	45.911	ug/l	99
28) Bromochloromethane	4.904	49	183838	47.501	ug/l	98
29) Tetrahydrofuran	5.007	42	362100	222.984	ug/l	100
30) Chloroform	5.099	83	393408	45.942	ug/l	99
31) Cyclohexane	5.477	56	361444	44.811	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	342829	46.093	ug/l	99
36) 1,1-Dichloropropene	5.696	75	274289	44.706	ug/l	99
37) Ethyl Acetate	4.715	43	238730	42.227	ug/l	99
38) Carbon Tetrachloride	5.684	117	296317	45.250	ug/l	97
39) Methylcyclohexane	7.385	83	345346	45.082	ug/l	97
40) Benzene	6.038	78	806602	45.427	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	141525	47.877	ug/l	99
42) 1,2-Dichloroethane	6.092	62	289254	46.246	ug/l	99
43) Isopropyl Acetate	6.336	43	402770	45.698	ug/l	100
44) Trichloroethene	7.123	130	202725	44.524	ug/l	95
45) 1,2-Dichloropropane	7.428	63	200473	45.079	ug/l	96
46) Dibromomethane	7.580	93	143188	45.915	ug/l	99
47) Bromodichloromethane	7.818	83	303637	45.743	ug/l	100
48) Methyl methacrylate	7.690	41	207662	43.250	ug/l	99
49) 1,4-Dioxane	7.653	88	49153	900.080	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	1147548	219.051	ug/l	99
52) Toluene	8.714	92	495325	45.369	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	288891	46.088	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	321604	46.878	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	181804	44.403	ug/l	100
56) Ethyl methacrylate	9.116	69	280577	46.289	ug/l	99
57) 1,3-Dichloropropane	9.305	76	313438	44.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	778594	230.830	ug/l	99
59) 2-Hexanone	9.427	43	787041	227.394	ug/l	100
60) Dibromochloromethane	9.519	129	217168	45.224	ug/l	99
61) 1,2-Dibromoethane	9.604	107	185750	43.387	ug/l	99
64) Tetrachloroethene	9.269	164	161363	44.834	ug/l	96
65) Chlorobenzene	10.080	112	535156	45.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	180554	45.851	ug/l	99
67) Ethyl Benzene	10.189	91	951798	46.543	ug/l	99
68) m/p-Xylenes	10.299	106	707134	92.402	ug/l	99
69) o-Xylene	10.640	106	335945	46.145	ug/l	99
70) Styrene	10.653	104	580632	46.511	ug/l	100
71) Bromoform	10.799	173	137684	46.029	ug/l	99
73) Isopropylbenzene	10.957	105	896854	47.624	ug/l	100
74) N-amyl acetate	10.842	43	355916	46.841	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	243994	45.358	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	202360m	45.801	ug/l	
77) Bromobenzene	11.195	156	210321	46.563	ug/l	99
78) n-propylbenzene	11.299	91	1077294	47.872	ug/l	100
79) 2-Chlorotoluene	11.360	91	627741	46.665	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	735935	47.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	80196	46.765	ug/l	97
82) 4-Chlorotoluene	11.451	91	729361	46.452	ug/l	98
83) tert-Butylbenzene	11.713	119	737759	47.246	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	734944	47.361	ug/l	100
85) sec-Butylbenzene	11.890	105	926695	47.496	ug/l	100
86) p-Isopropyltoluene	12.006	119	770190	47.602	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	395590	46.093	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	398720	45.855	ug/l	97
89) n-Butylbenzene	12.329	91	720801	47.504	ug/l	99
90) Hexachloroethane	12.536	117	138596	47.882	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	371784	45.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46774	45.299	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	254288	46.921	ug/l	99
94) Hexachlorobutadiene	13.719	225	91731	49.769	ug/l	98
95) Naphthalene	13.774	128	747230	47.032	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	240553	46.073	ug/l	99

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QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

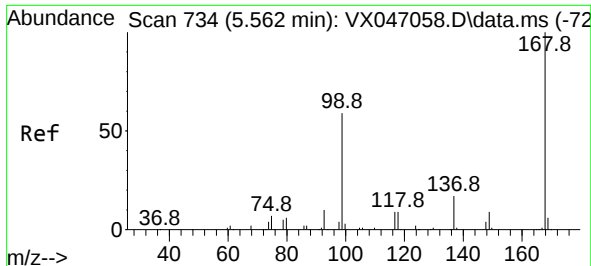
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

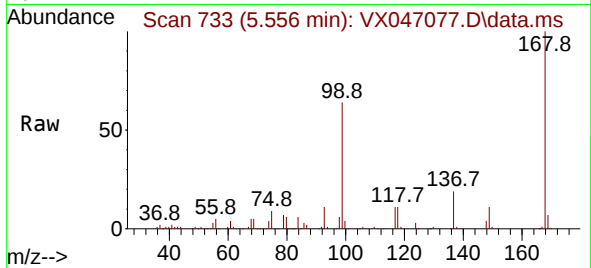
Quant Time: Jul 24 05:42:25 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047077.D
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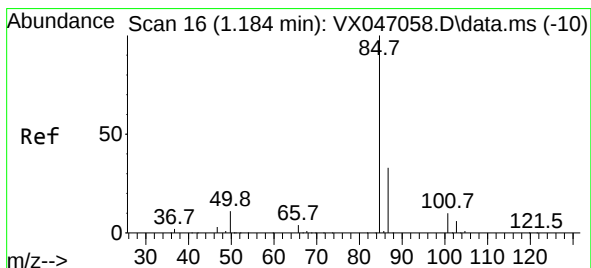
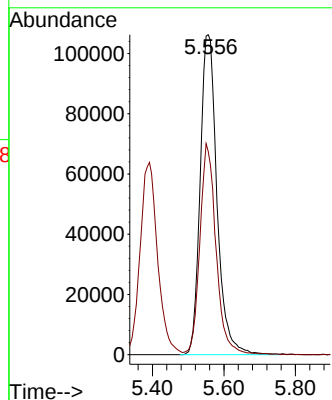
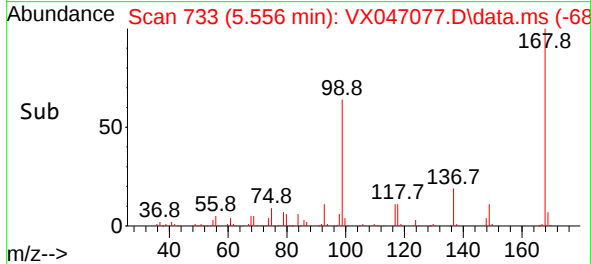
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 346372
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0

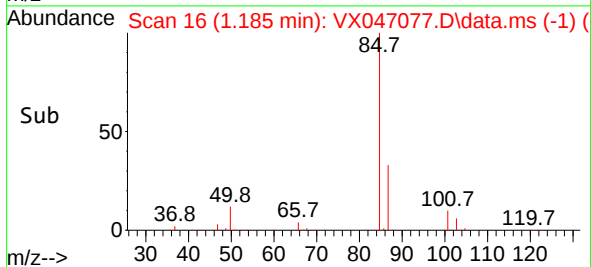
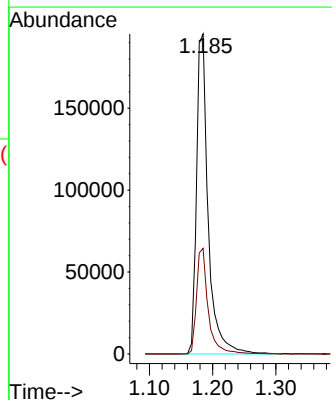
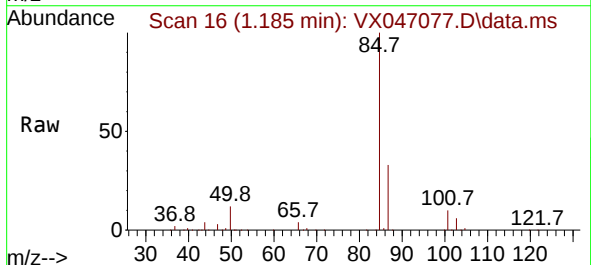
Manual Integrations
APPROVED

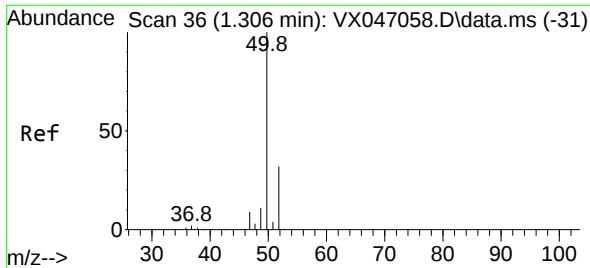
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#2
Dichlorodifluoromethane
Concen: 54.452 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

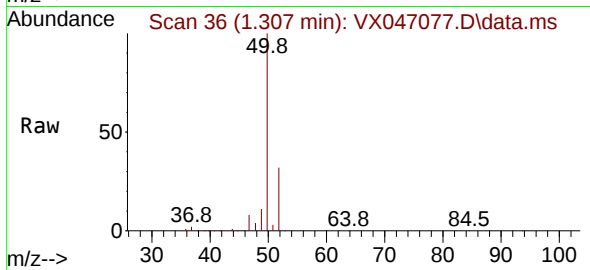
Tgt Ion: 85 Resp: 250519
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.8





#3
Chloromethane
Concen: 54.262 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

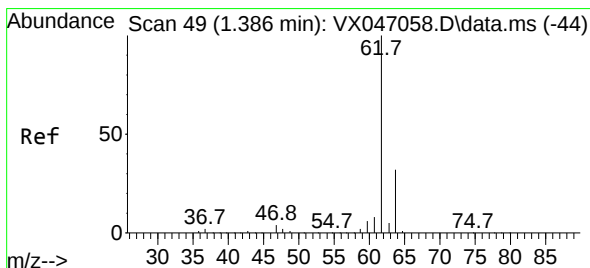
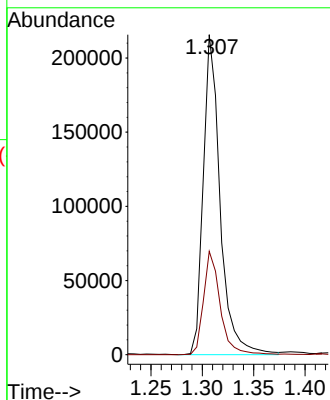
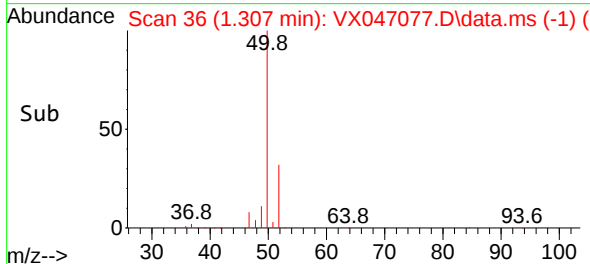
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 24694
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

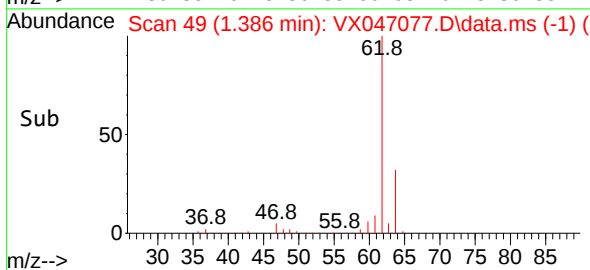
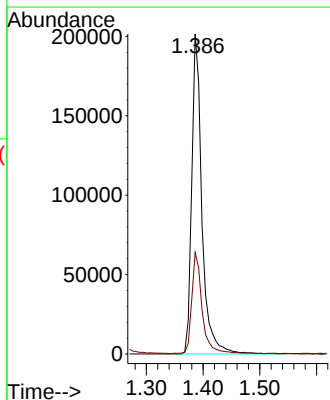
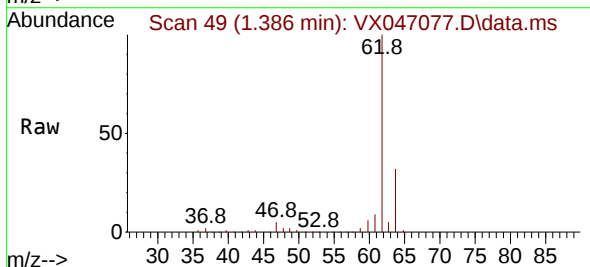
Manual Integrations
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#4
Vinyl Chloride
Concen: 51.362 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

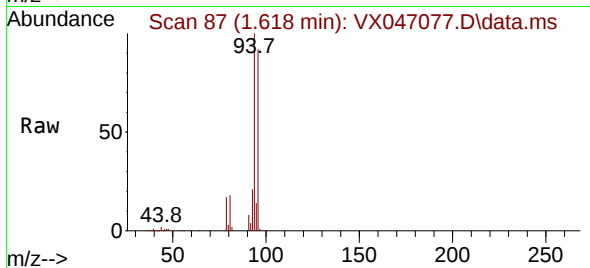
Tgt Ion: 62 Resp: 251264
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5
Bromomethane
Concen: 71.627 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

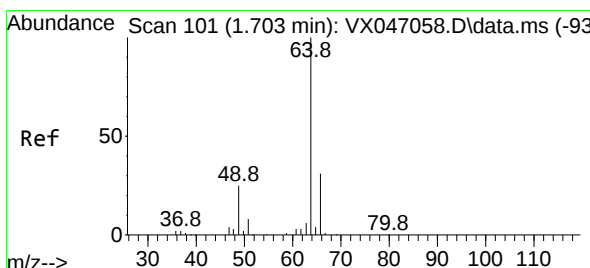
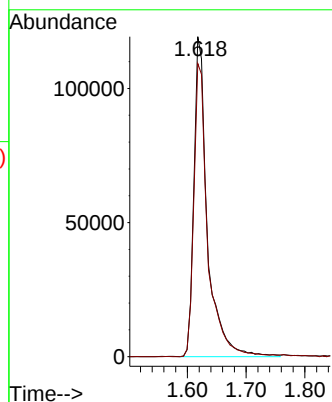
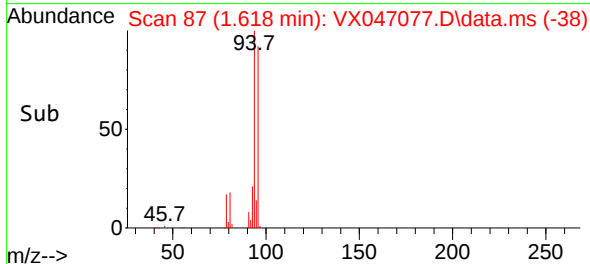
Instrument :
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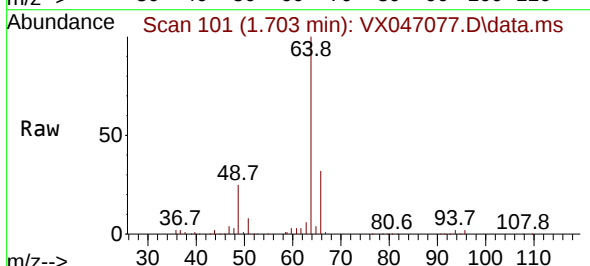
Tgt Ion: 94 Resp: 19034
Ion Ratio Lower Upper
94 100
96 91.6 72.3 108.5

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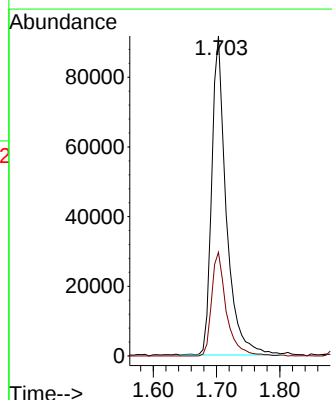
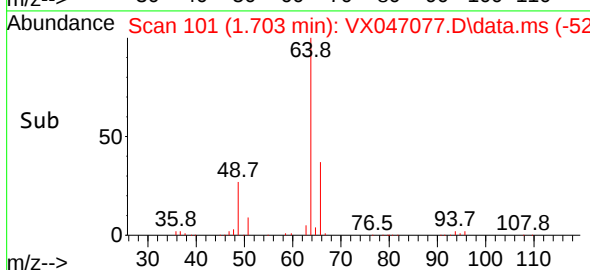
Reviewed By :John Carlone 07/24/2025
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#6
Chloroethane
Concen: 45.675 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30



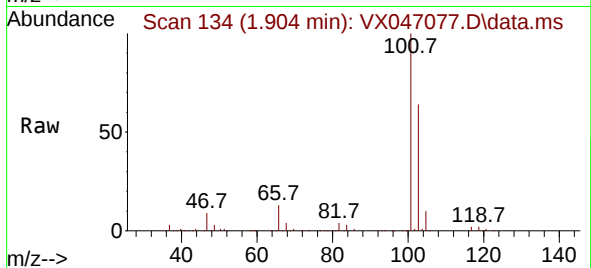
Tgt Ion: 64 Resp: 146754
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.6





#7
Trichlorofluoromethane
Concen: 50.835 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

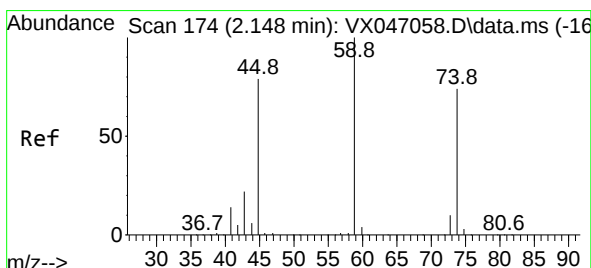
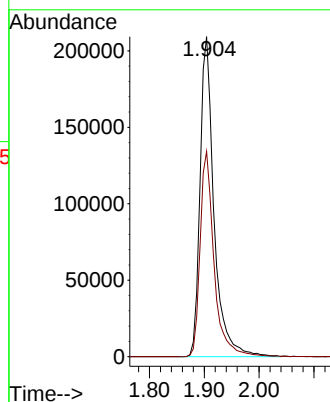
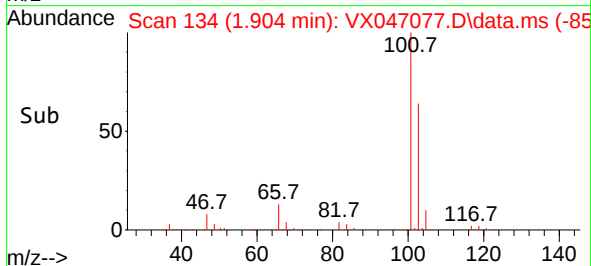
Instrument :
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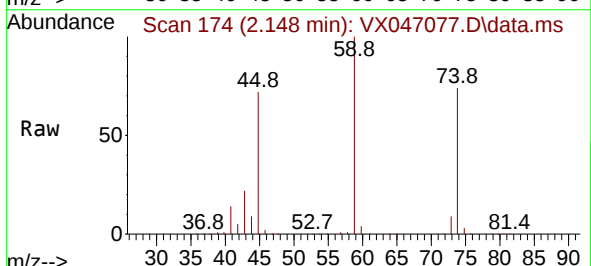
Tgt Ion:101 Resp: 370828
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3

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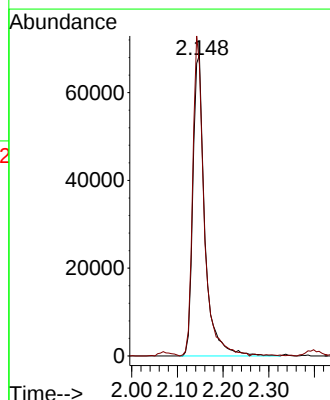
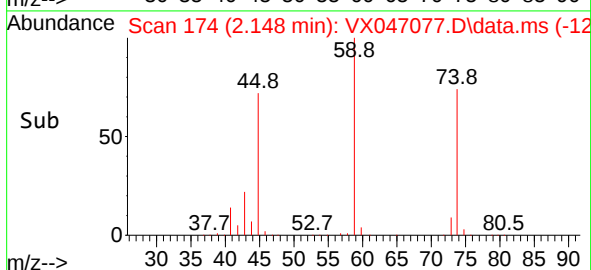
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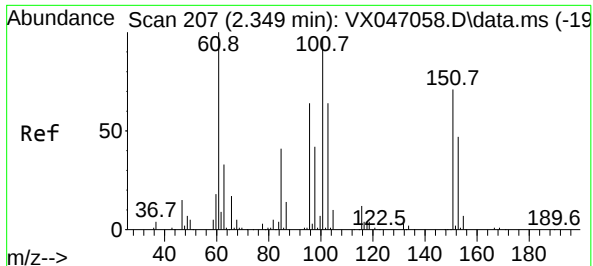


#8
Diethyl Ether
Concen: 48.366 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30



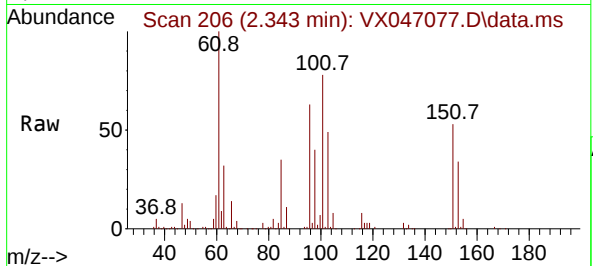
Tgt Ion: 74 Resp: 124399
Ion Ratio Lower Upper
74 100
45 102.2 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.257 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

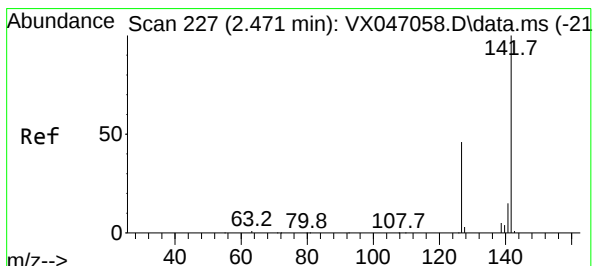
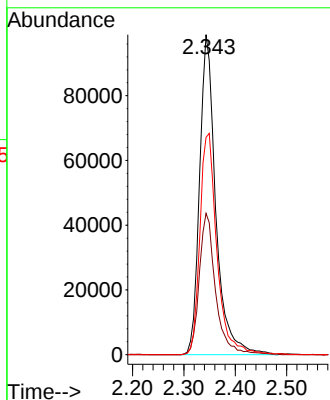
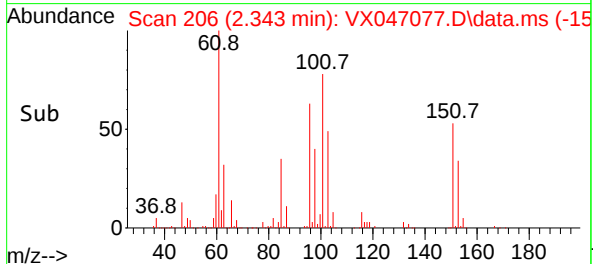
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 216478
Ion Ratio Lower Upper
101 100
85 44.6 35.4 53.0
151 73.1 59.2 88.8

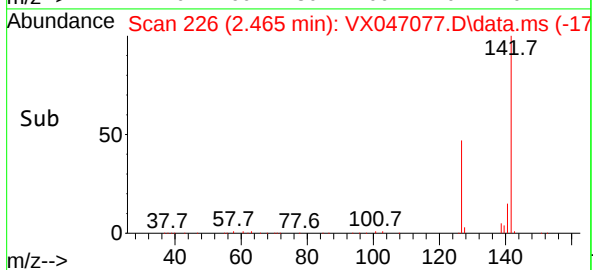
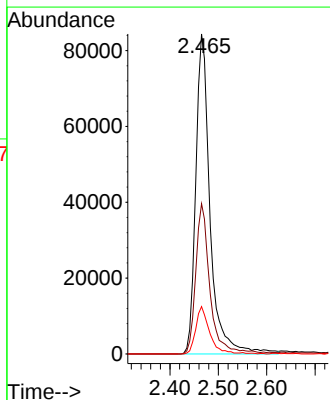
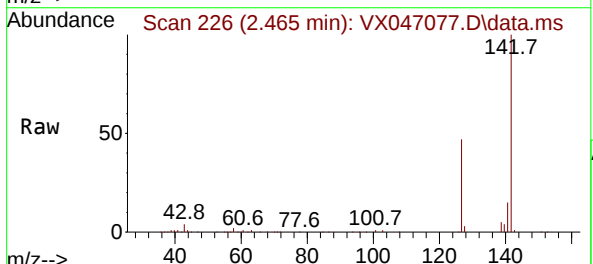
Manual Integrations
APPROVED

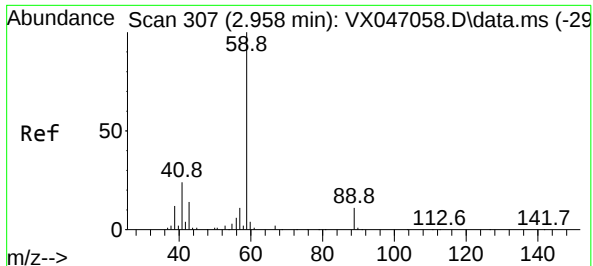
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#10
Methyl Iodide
Concen: 38.677 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion:142 Resp: 173239
Ion Ratio Lower Upper
142 100
127 46.3 36.6 54.8
141 14.1 10.9 16.3





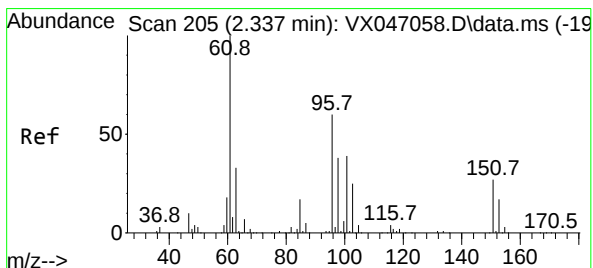
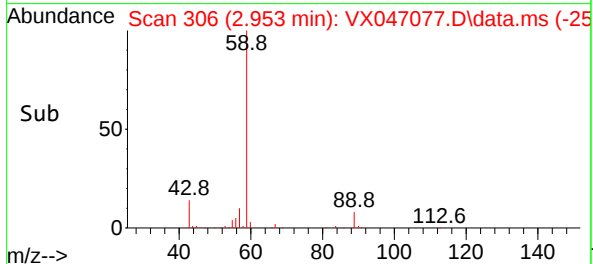
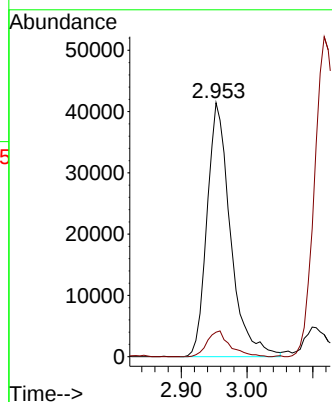
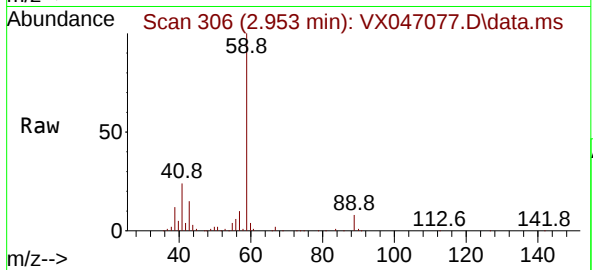
#11
Tert butyl alcohol
Concen: 201.345 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 10256
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

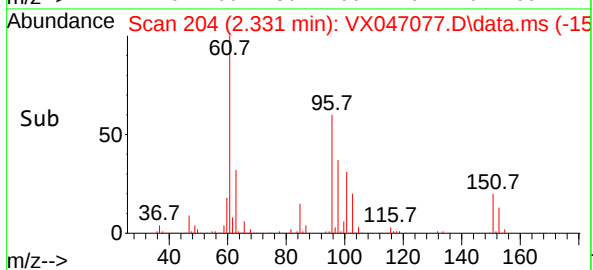
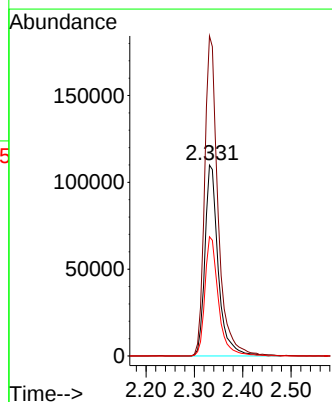
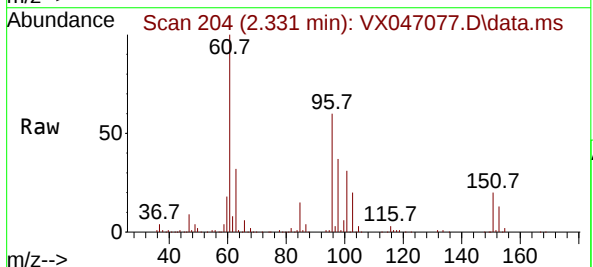
Manual Integrations
APPROVED

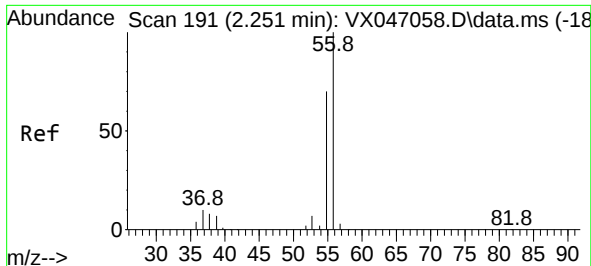
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#12
1,1-Dichloroethene
Concen: 48.577 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

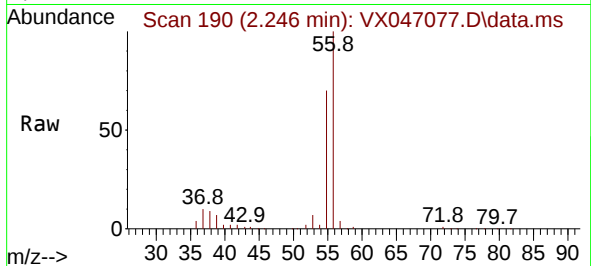
Tgt Ion: 96 Resp: 211450
Ion Ratio Lower Upper
96 100
61 167.7 132.6 198.8
98 62.4 50.2 75.4





#13
Acrolein
Concen: 282.299 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

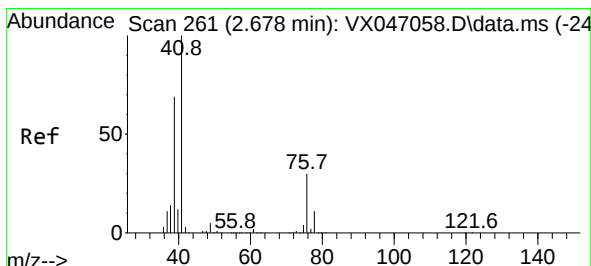
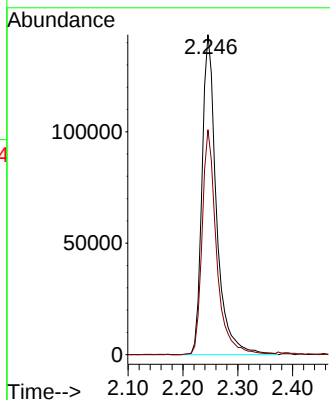
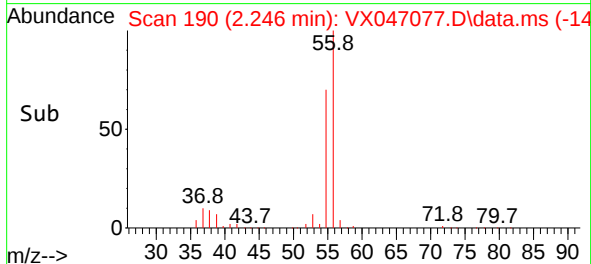
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 26226
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5

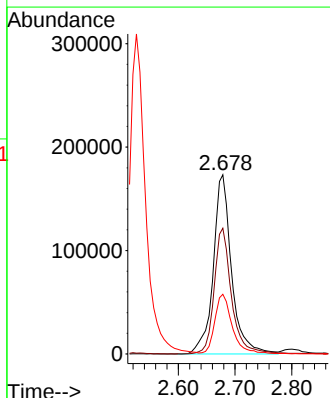
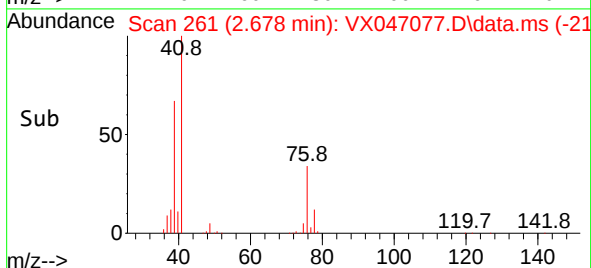
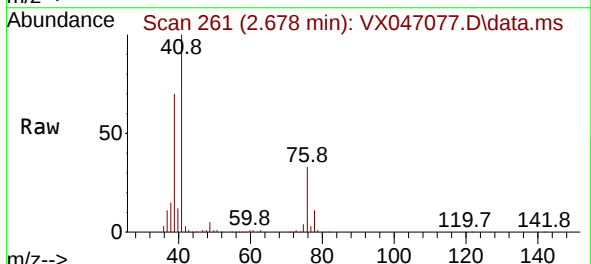
Manual Integrations
APPROVED

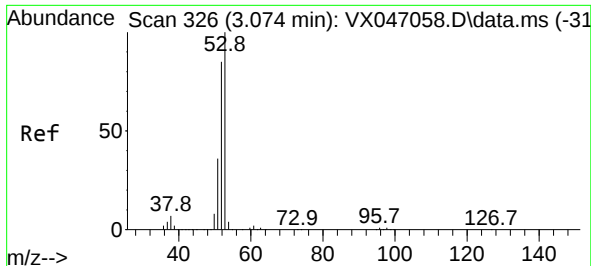
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#14
Allyl chloride
Concen: 49.464 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

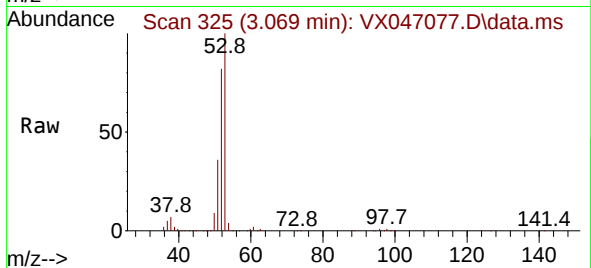
Tgt Ion: 41 Resp: 389208
Ion Ratio Lower Upper
41 100
39 67.0 52.6 78.8
76 32.0 25.7 38.5





#15
Acrylonitrile
Concen: 238.115 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

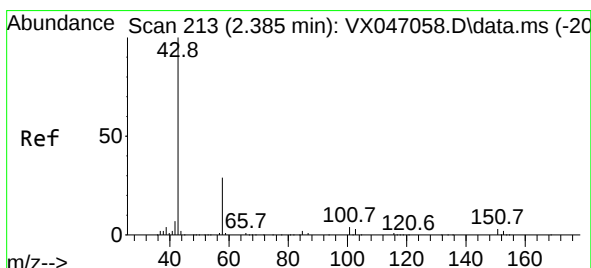
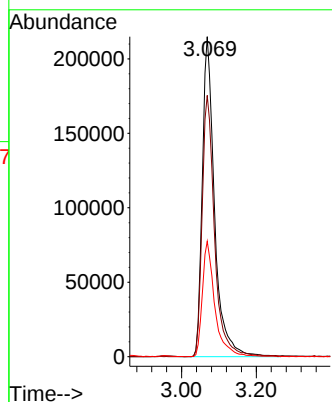
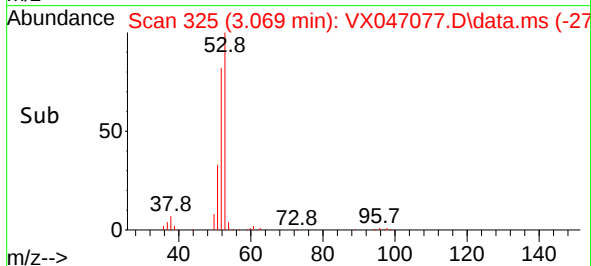
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 489993
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 36.7 28.8 43.2

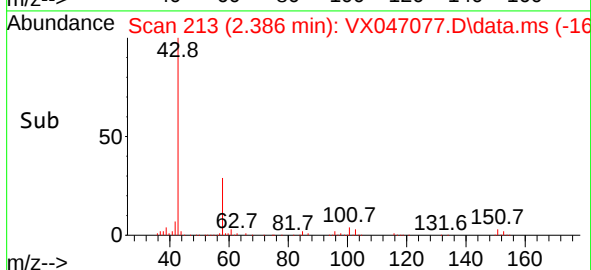
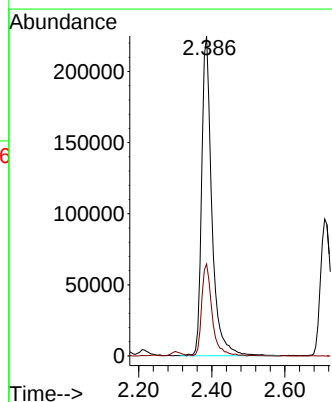
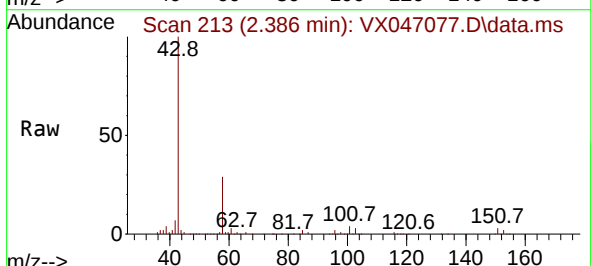
Manual Integrations
APPROVED

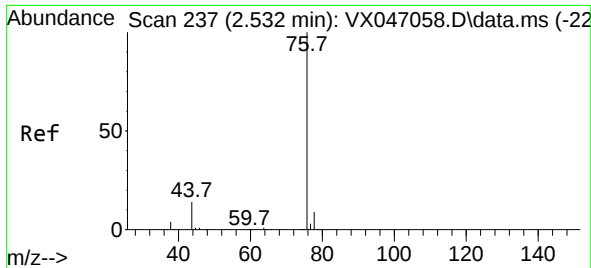
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#16
Acetone
Concen: 252.631 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion: 43 Resp: 436668
Ion Ratio Lower Upper
43 100
58 28.8 24.0 36.0





#17

Carbon Disulfide

Concen: 48.006 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 604530

Ion Ratio Lower Upper

76 100

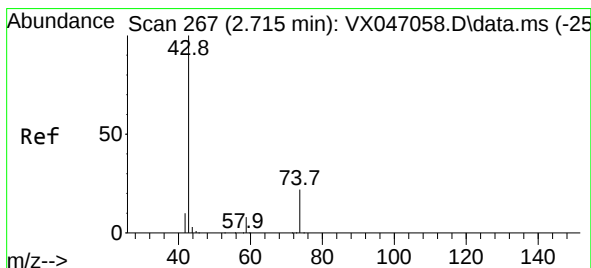
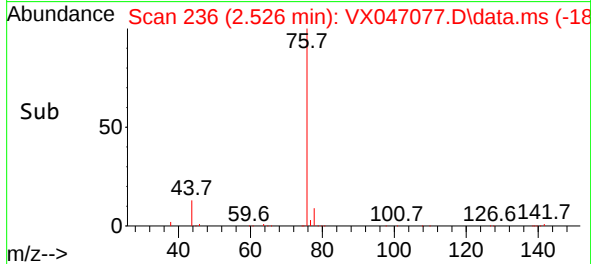
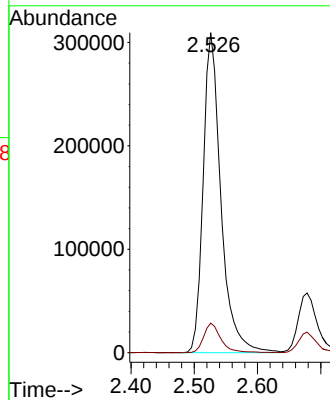
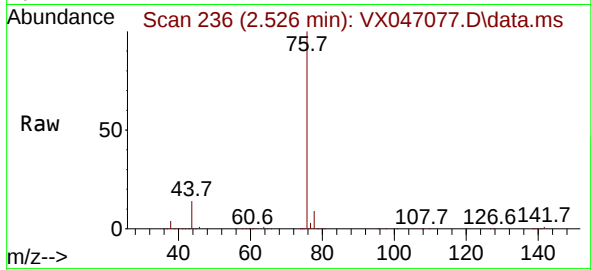
78 9.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#18

Methyl Acetate

Concen: 47.258 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX047077.D

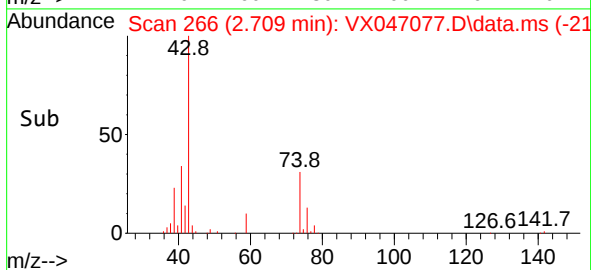
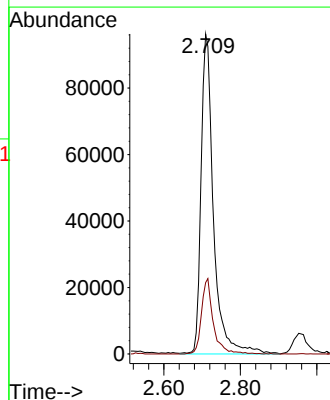
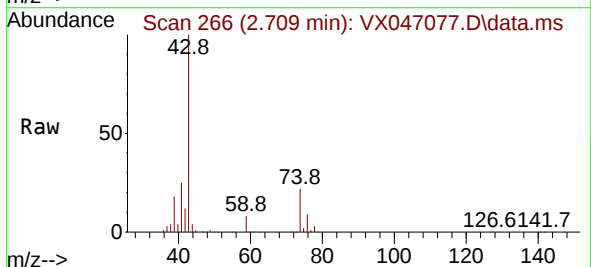
Acq: 23 Jul 2025 09:30

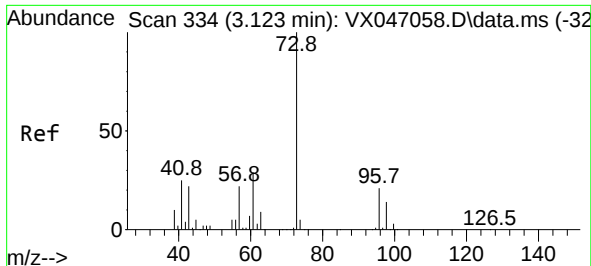
Tgt Ion: 43 Resp: 217073

Ion Ratio Lower Upper

43 100

74 22.3 17.7 26.5





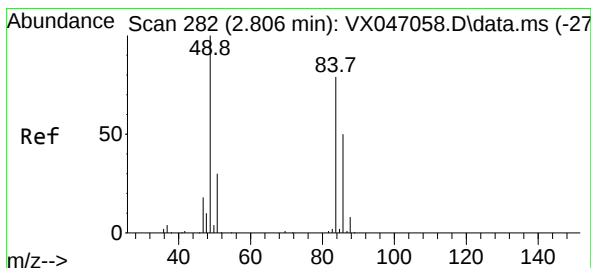
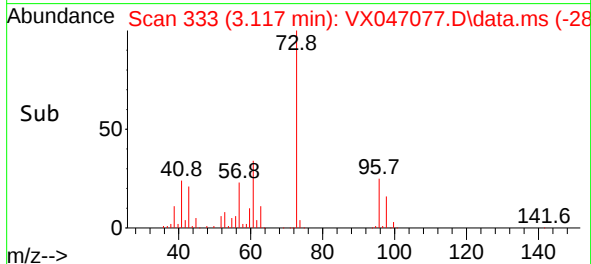
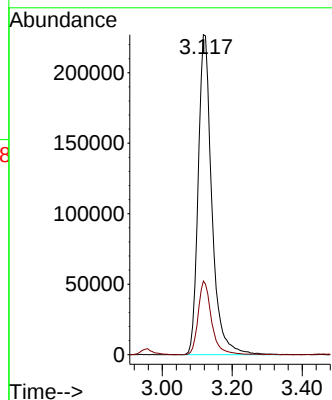
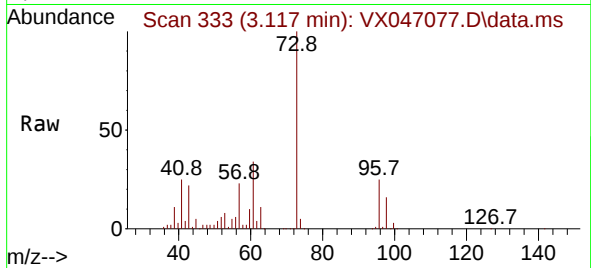
#19
Methyl tert-butyl Ether
Concen: 46.366 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 61423
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5

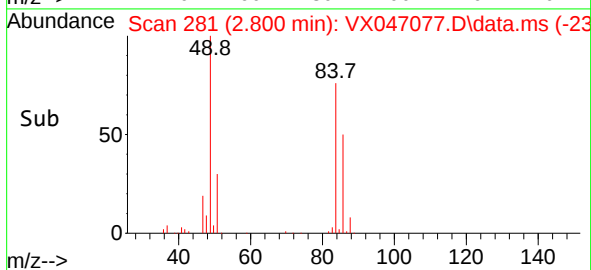
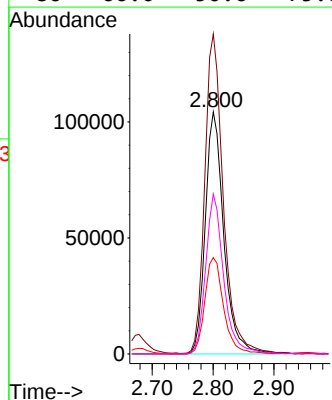
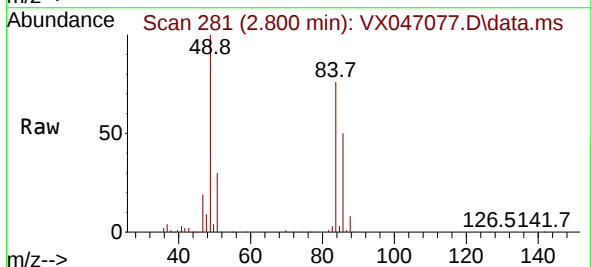
Manual Integrations
APPROVED

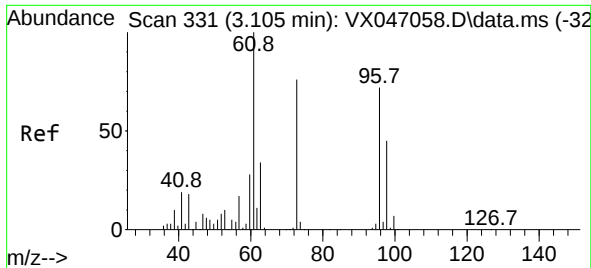
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#20
Methylene Chloride
Concen: 46.396 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

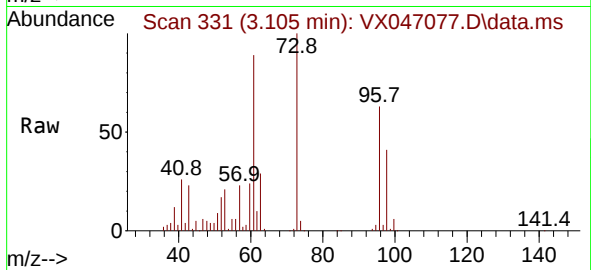
Tgt Ion: 84 Resp: 220624
Ion Ratio Lower Upper
84 100
49 132.0 101.6 152.4
51 39.8 30.3 45.5
86 66.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 47.945 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

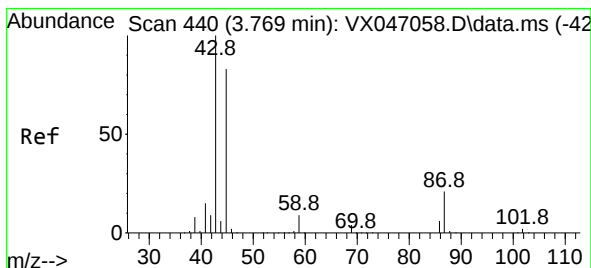
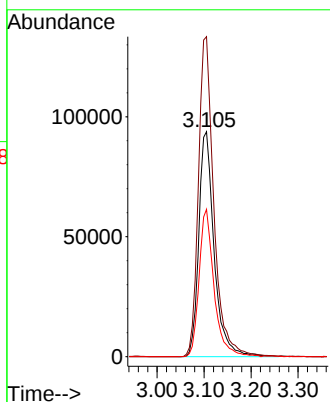
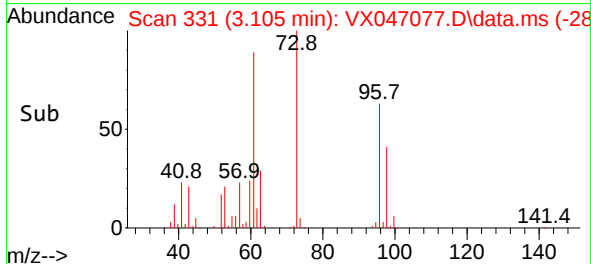
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 213560
Ion Ratio Lower Upper
96 100
61 142.3 111.1 166.7
98 65.5 49.6 74.4

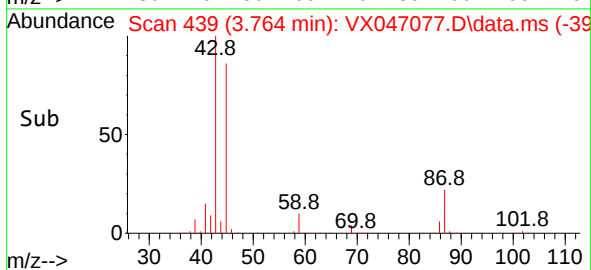
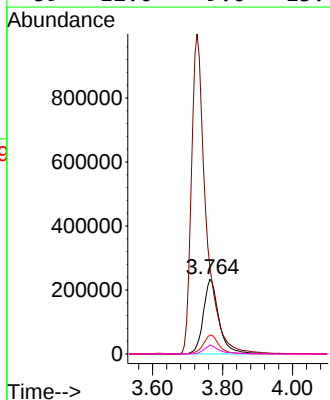
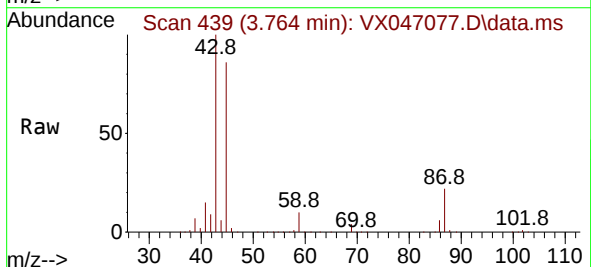
Manual Integrations
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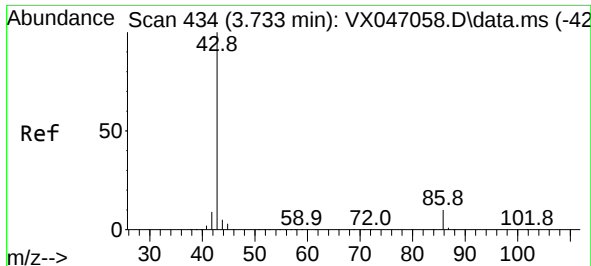
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#22
Diisopropyl ether
Concen: 47.905 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

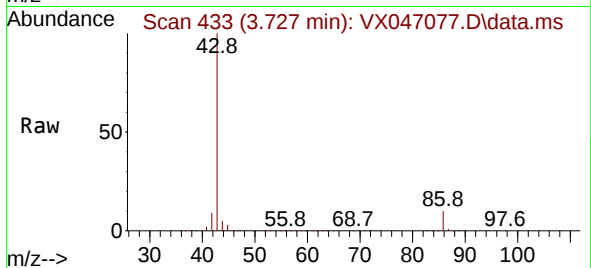
Tgt Ion: 45 Resp: 724699
Ion Ratio Lower Upper
45 100
43 116.6 96.8 145.2
87 25.3 20.5 30.7
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 239.529 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047077.D
 Acq: 23 Jul 2025 09:30

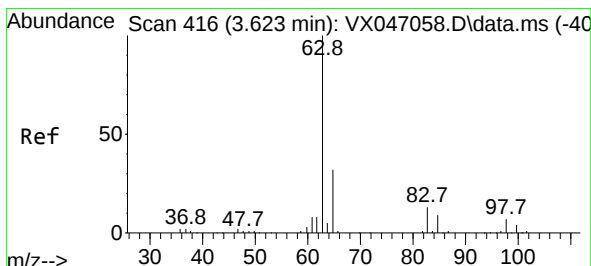
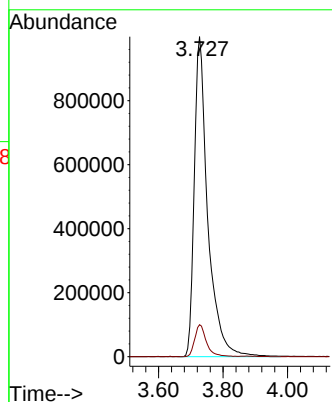
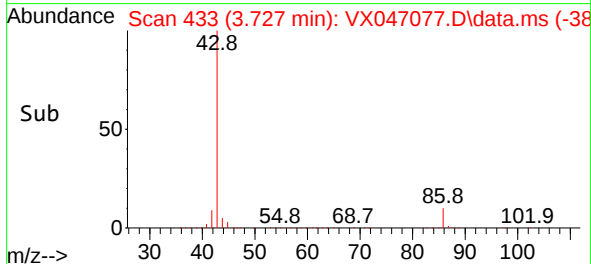
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



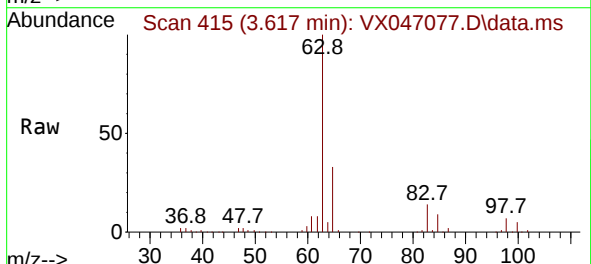
Tgt Ion: 43 Resp: 290635
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

Manual Integrations
 APPROVED

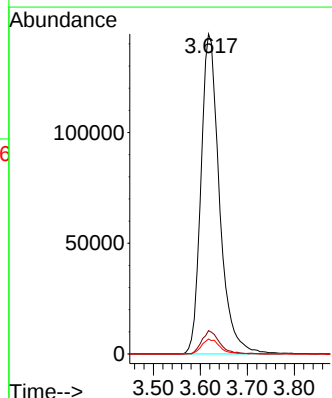
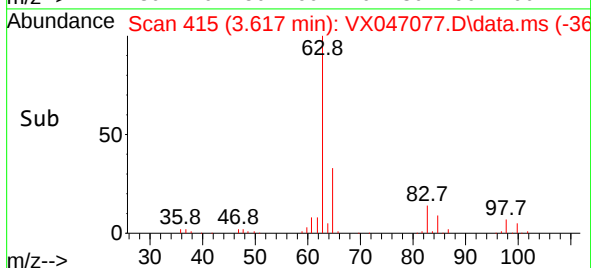
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

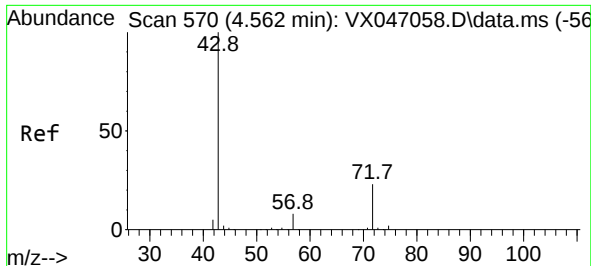


#24
 1,1-Dichloroethane
 Concen: 46.964 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047077.D
 Acq: 23 Jul 2025 09:30



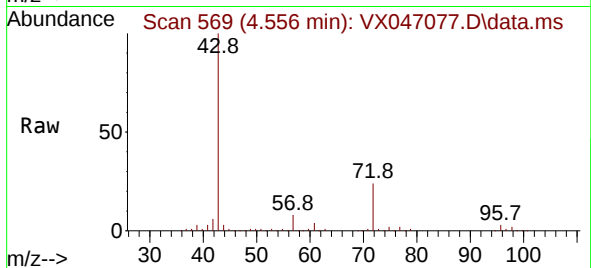
Tgt Ion: 63 Resp: 395078
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 226.086 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

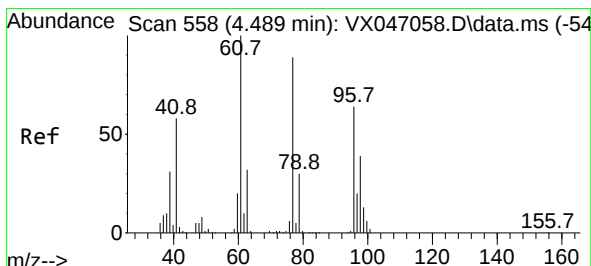
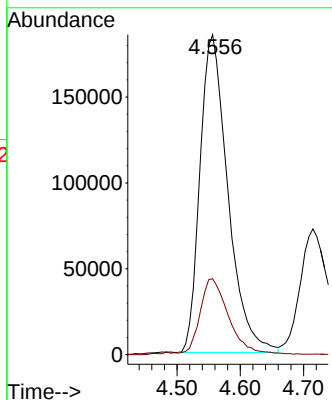
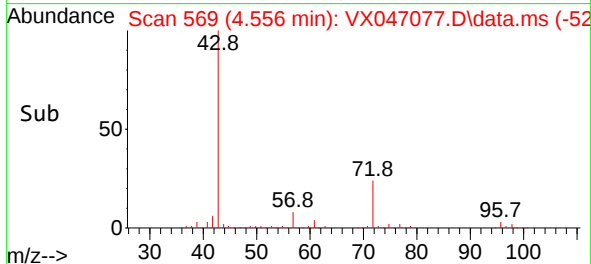
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 56901
Ion Ratio Lower Upper
43 100
72 23.5 18.8 28.2

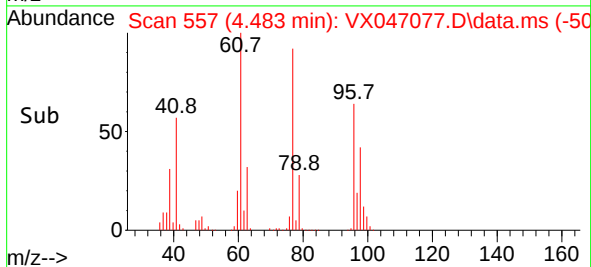
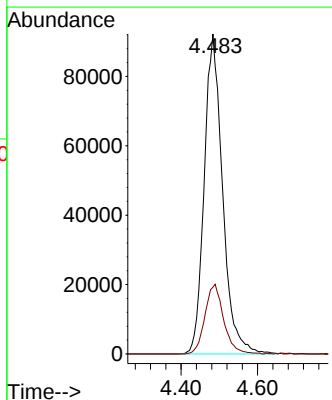
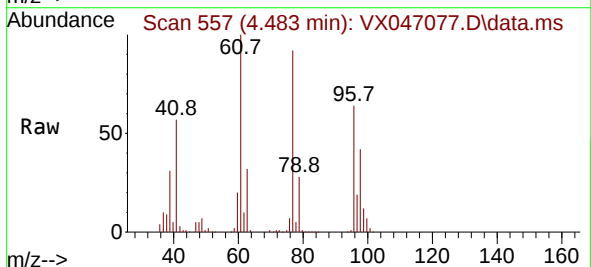
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#26
2,2-Dichloropropane
Concen: 47.290 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion: 77 Resp: 307948
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 45.911 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 242169

Ion Ratio Lower Upper

96 100

61 150.8 0.0 298.6

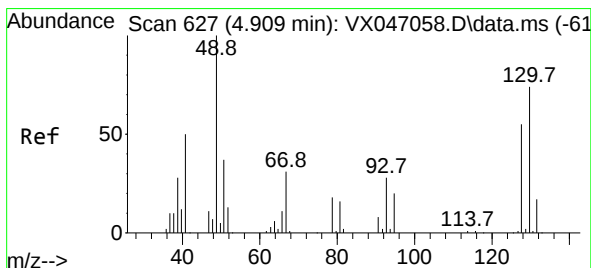
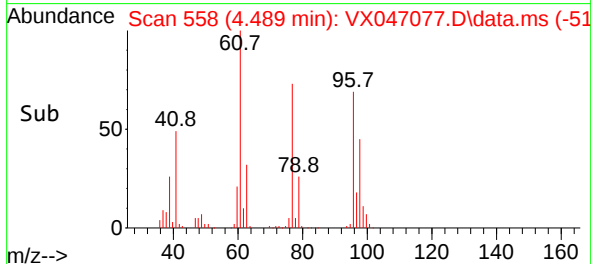
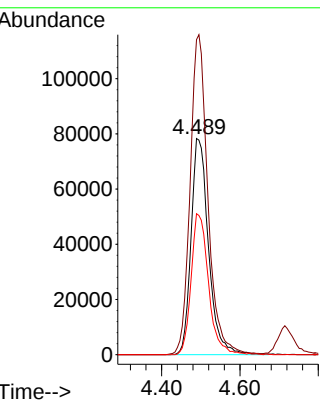
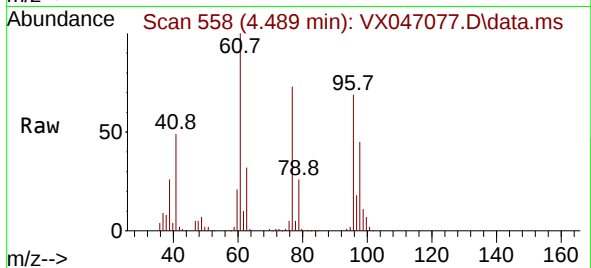
98 64.9 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#28

Bromochloromethane

Concen: 47.501 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

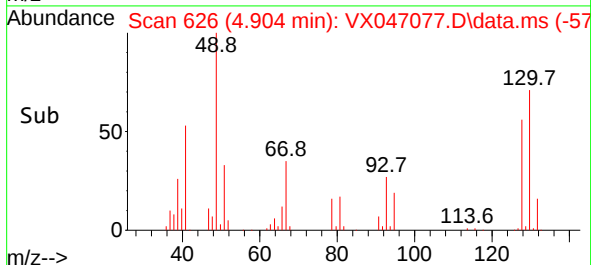
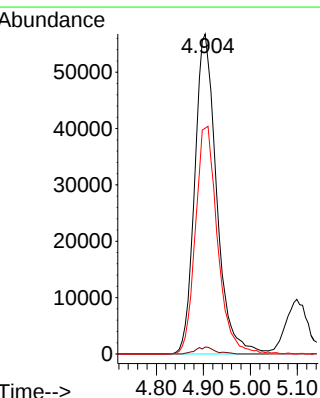
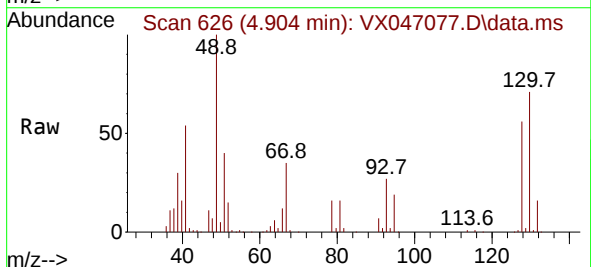
Tgt Ion: 49 Resp: 183838

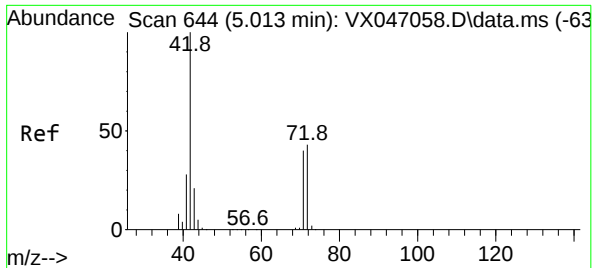
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 222.984 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 362100

Ion Ratio Lower Upper

42 100

72 42.1 33.7 50.5

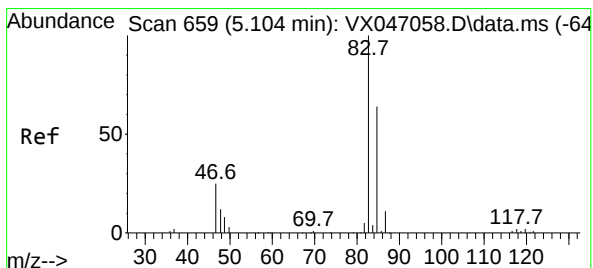
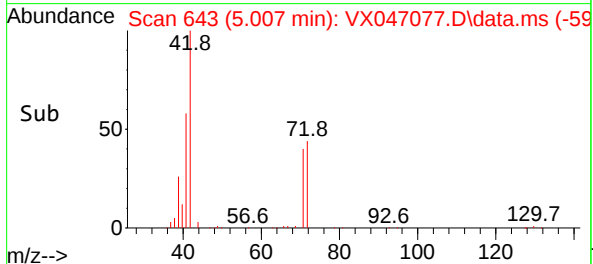
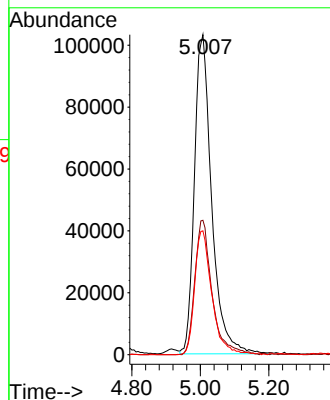
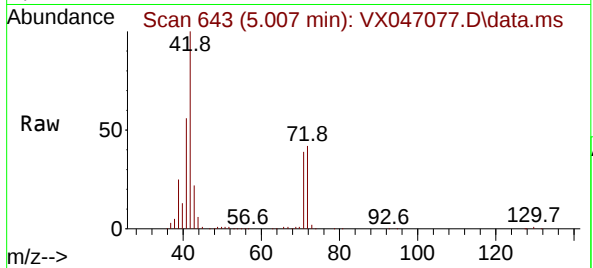
71 38.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#30

Chloroform

Concen: 45.942 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047077.D

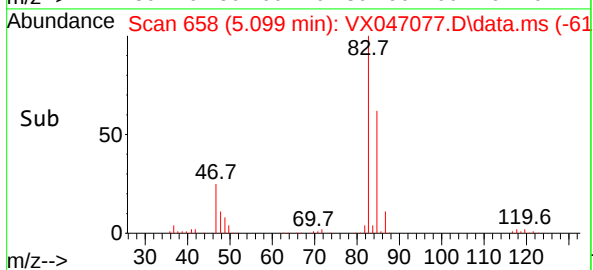
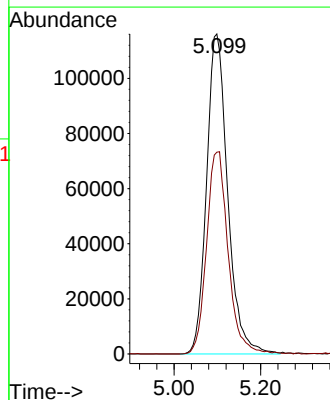
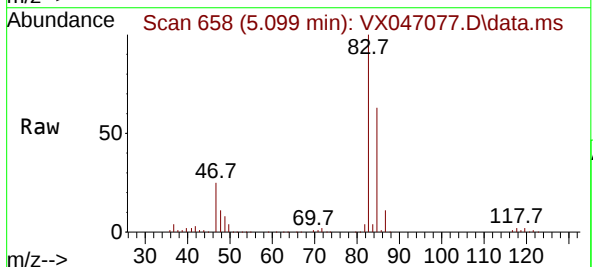
Acq: 23 Jul 2025 09:30

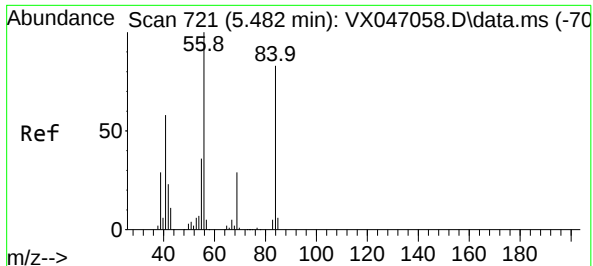
Tgt Ion: 83 Resp: 393408

Ion Ratio Lower Upper

83 100

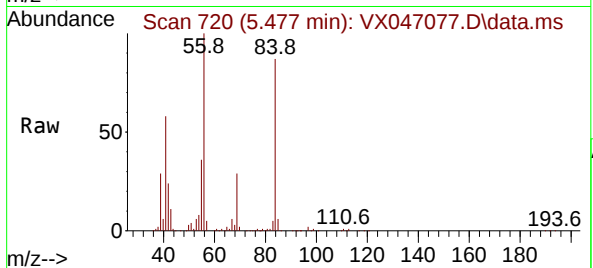
85 63.0 50.9 76.3





#31
Cyclohexane
Concen: 44.811 ug/l
RT: 5.477 min Scan# 714
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

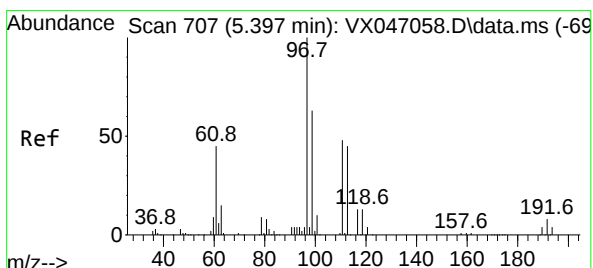
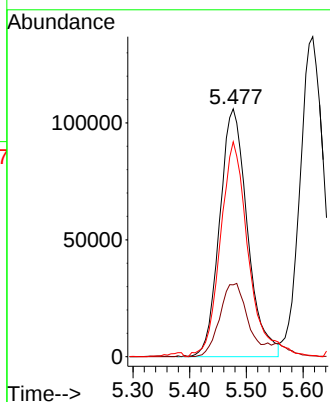
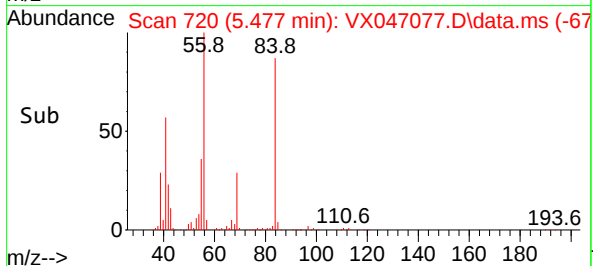
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 361444
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 85.1 66.5 99.7

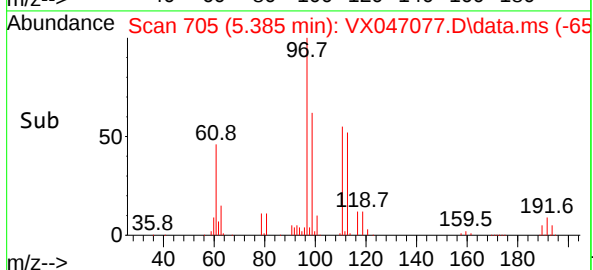
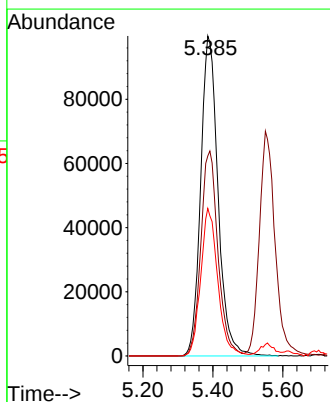
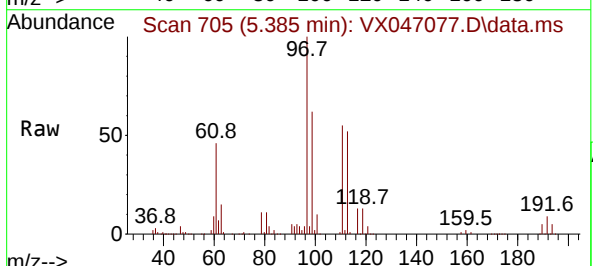
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APPROVED

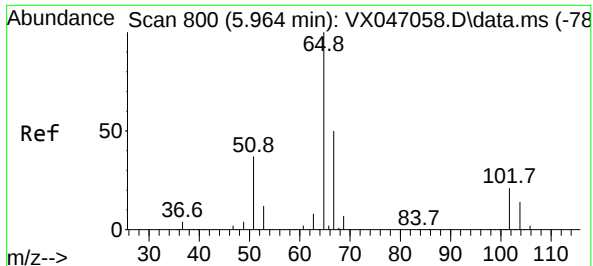
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#32
1,1,1-Trichloroethane
Concen: 46.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion: 97 Resp: 342829
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 45.5 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 47.056 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 203034

Ion Ratio Lower Upper

65 100

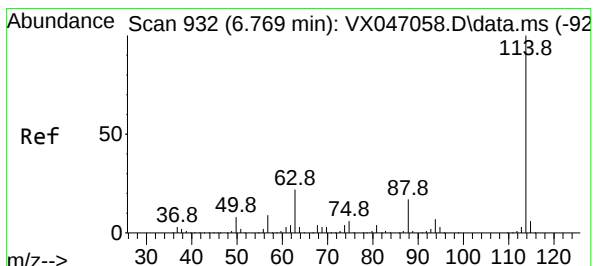
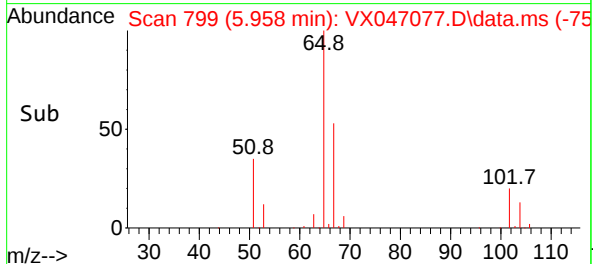
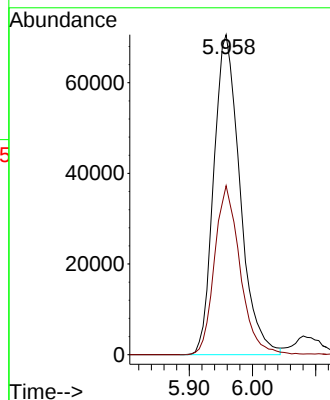
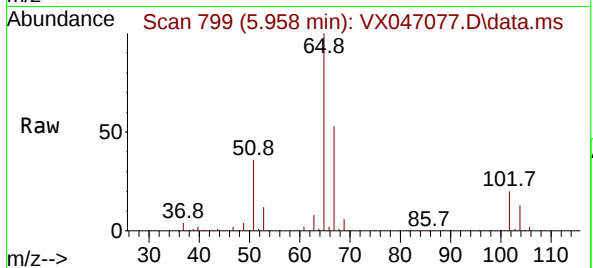
67 51.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

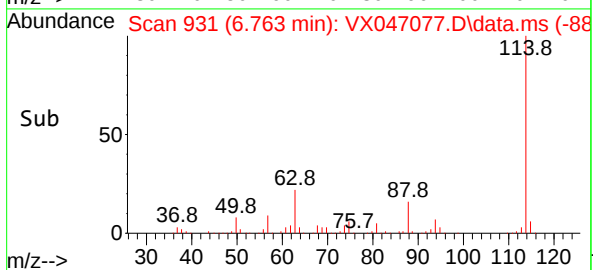
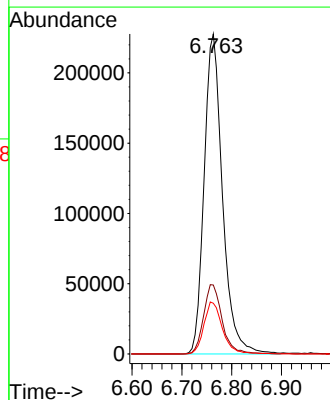
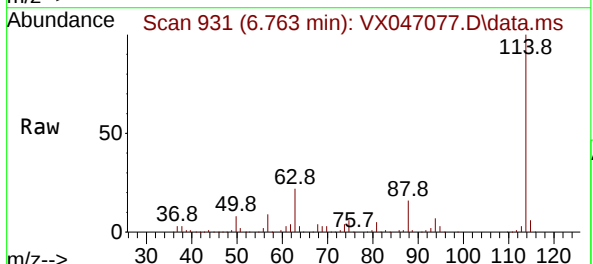
Tgt Ion:114 Resp: 582956

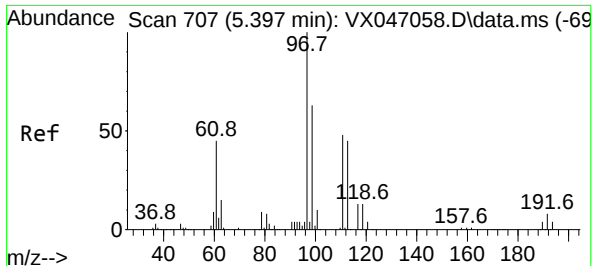
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

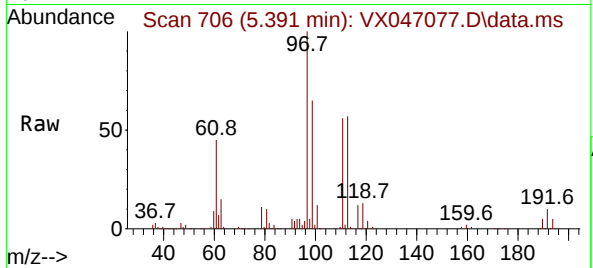
88 15.9 0.0 33.8





#35
Dibromofluoromethane
Concen: 49.257 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

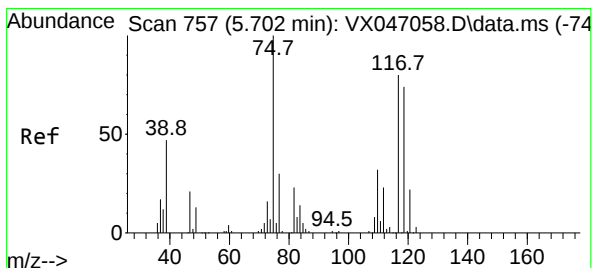
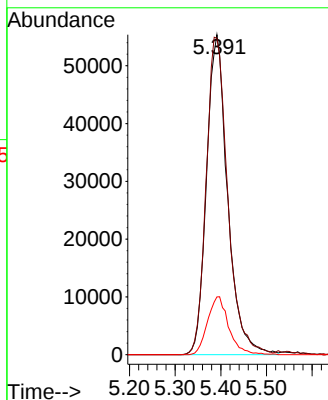
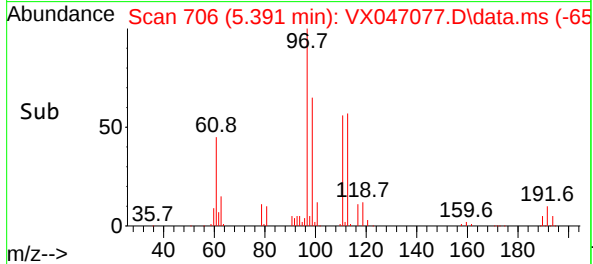
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 177294
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 18.3 14.9 22.3

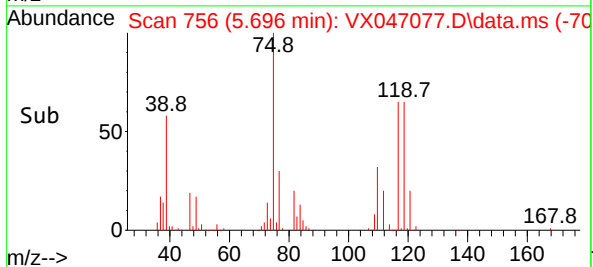
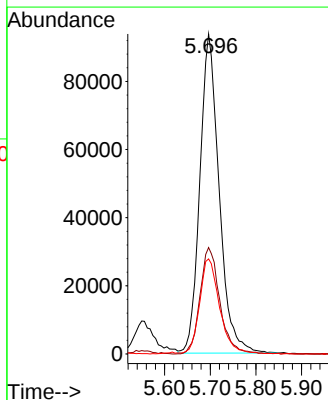
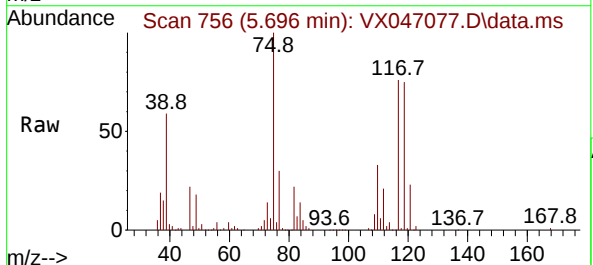
Manual Integrations
APPROVED

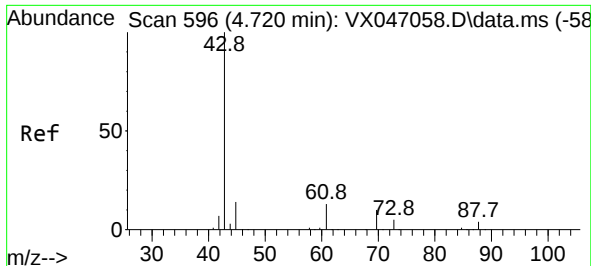
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#36
1,1-Dichloropropene
Concen: 44.706 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion: 75 Resp: 274289
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.5
77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 42.227 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 238730

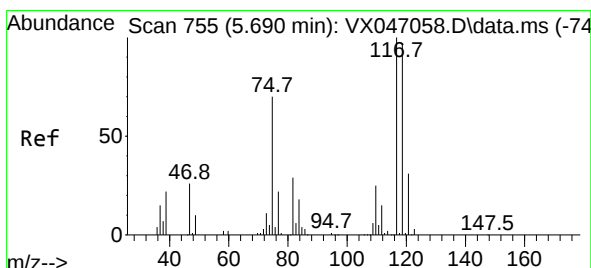
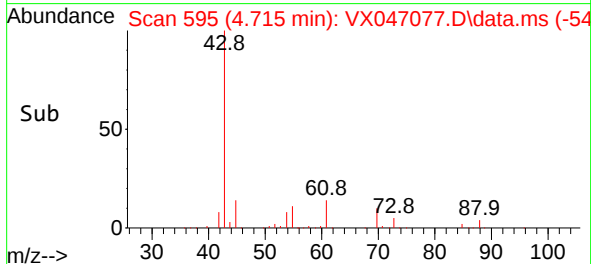
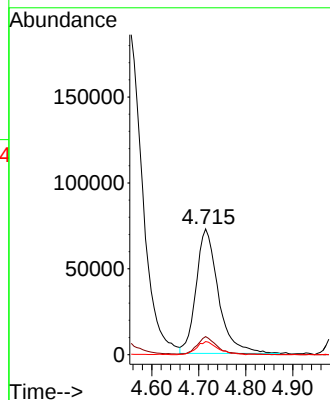
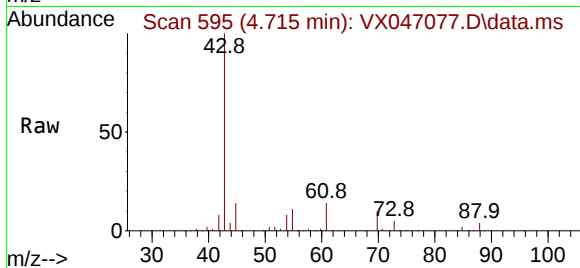
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.2
70	10.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#38

Carbon Tetrachloride

Concen: 45.250 ug/l

RT: 5.684 min Scan# 754

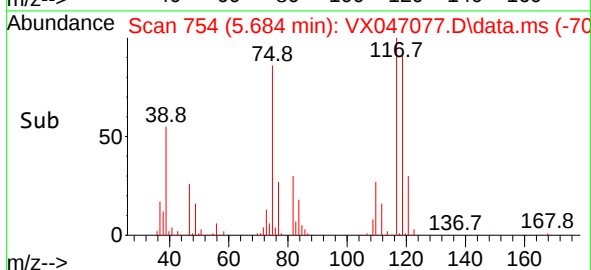
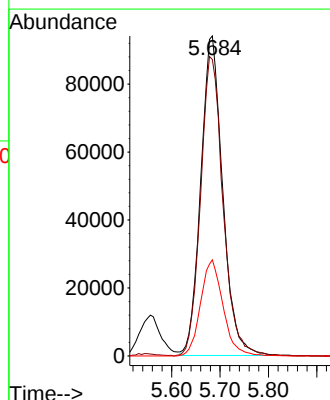
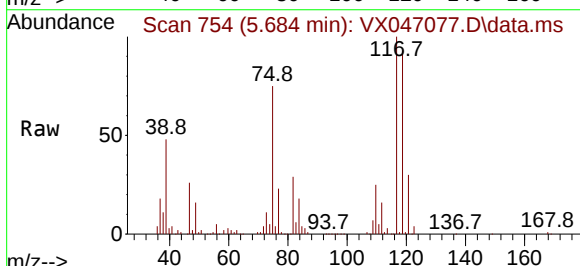
Delta R.T. -0.006 min

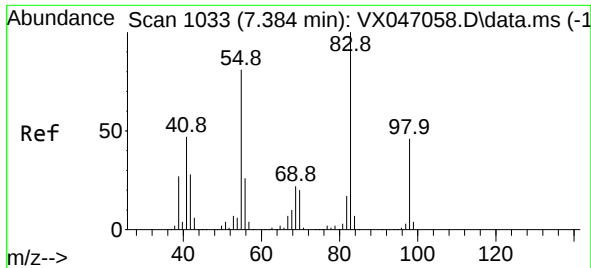
Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Tgt Ion:117 Resp: 296317

Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.6	115.0
121	30.0	24.4	36.6





#39

Methylcyclohexane

Concen: 45.082 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.001 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 345340

Ion Ratio Lower Upper

83 100

55 78.8 64.5 96.7

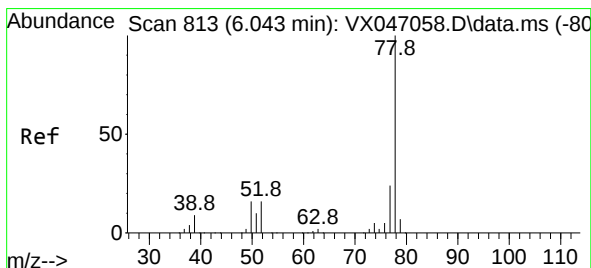
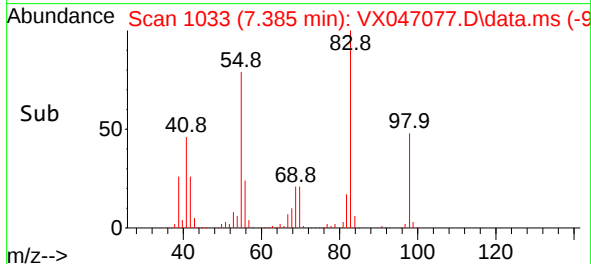
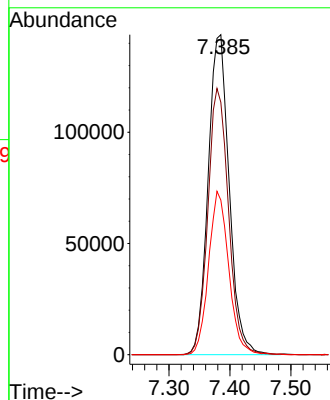
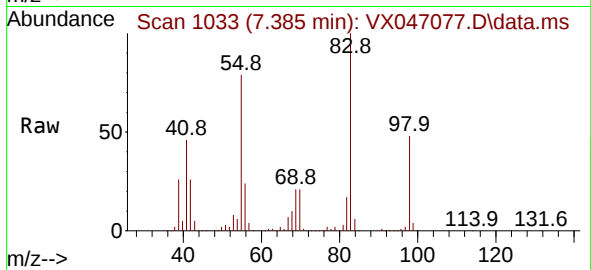
98 48.3 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#40

Benzene

Concen: 45.427 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX047077.D

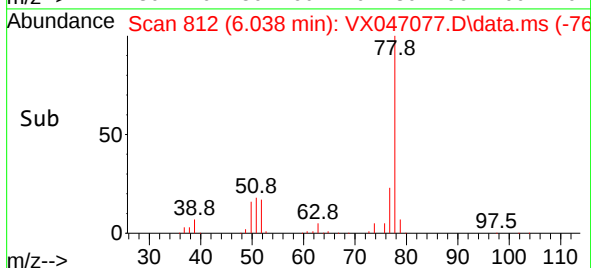
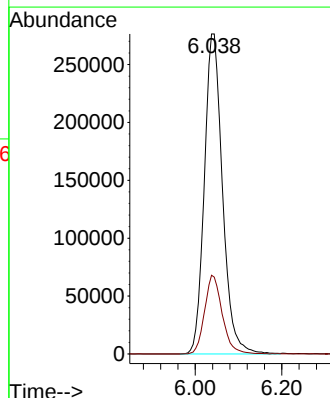
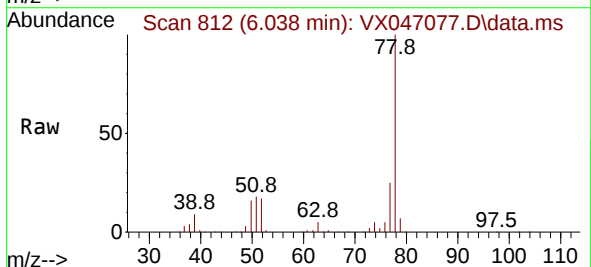
Acq: 23 Jul 2025 09:30

Tgt Ion: 78 Resp: 806602

Ion Ratio Lower Upper

78 100

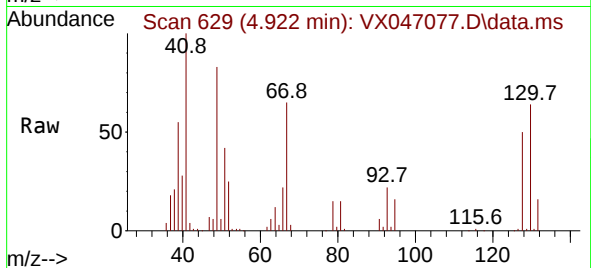
77 24.6 19.0 28.4





#41
Methacrylonitrile
Concen: 47.877 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

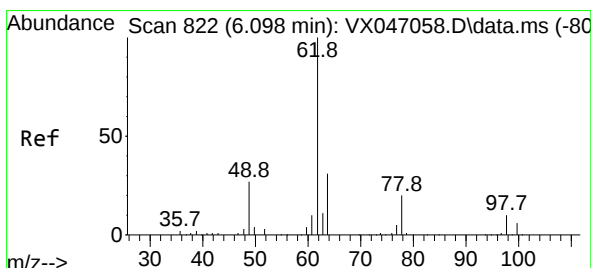
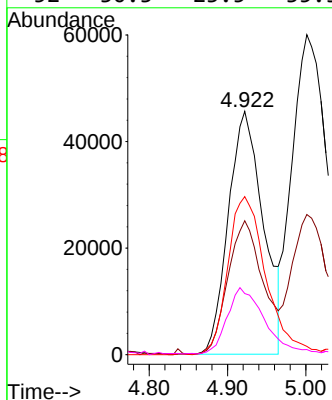
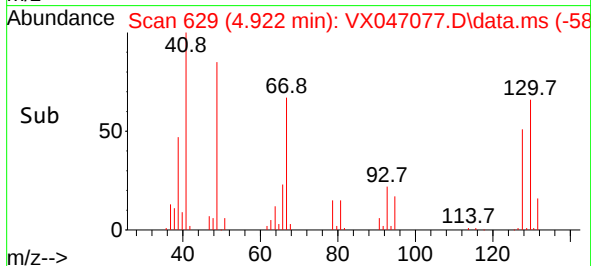
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 141529
Ion Ratio Lower Upper
41 100
39 55.2 44.2 66.2
67 70.9 56.4 84.6
52 30.3 23.5 35.3

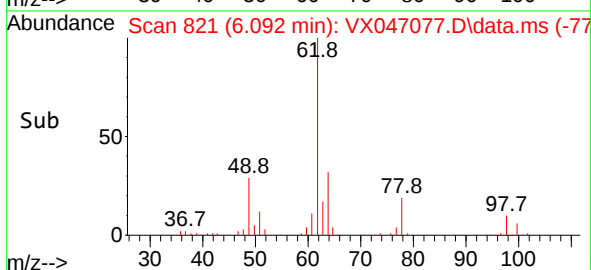
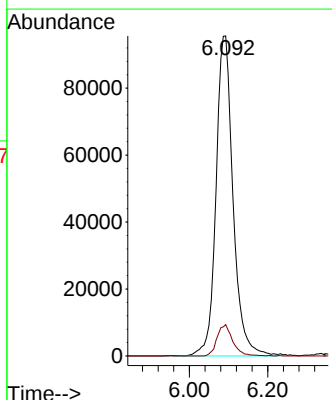
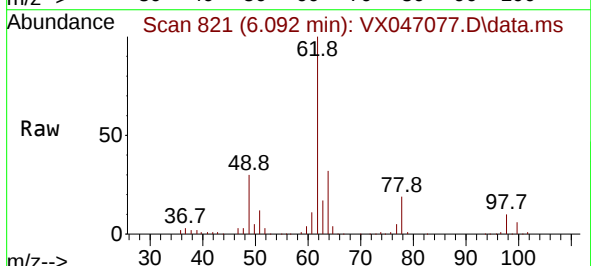
Manual Integrations
APPROVED

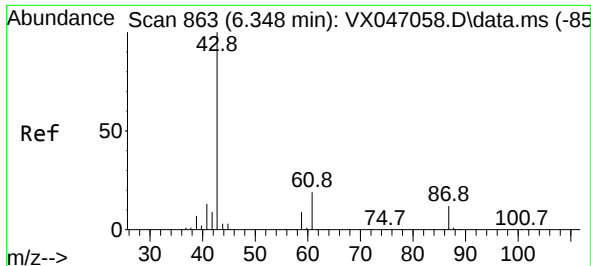
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#42
1,2-Dichloroethane
Concen: 46.246 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

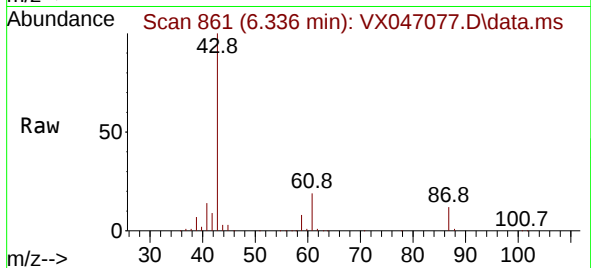
Tgt Ion: 62 Resp: 289254
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.8





#43
Isopropyl Acetate
Concen: 45.698 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

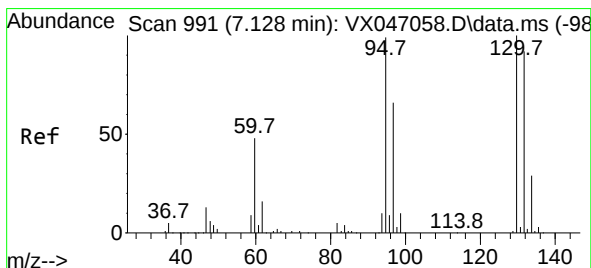
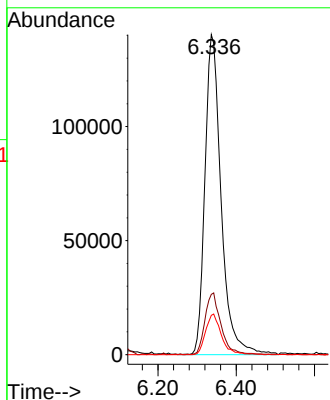
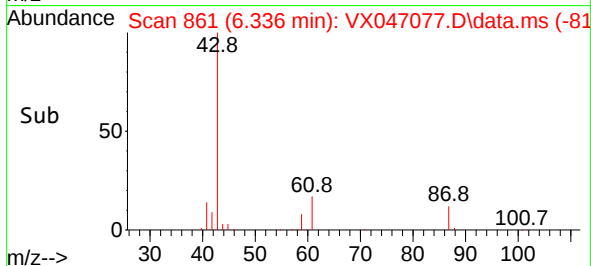
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 402770
Ion Ratio Lower Upper
43 100
61 19.1 15.1 22.7
87 12.3 9.7 14.5

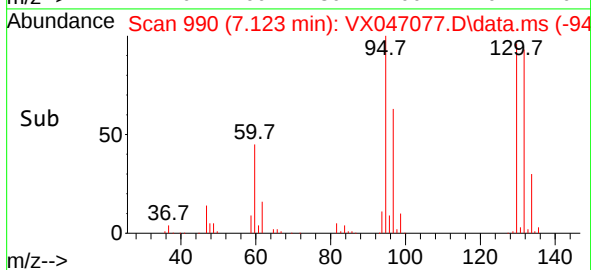
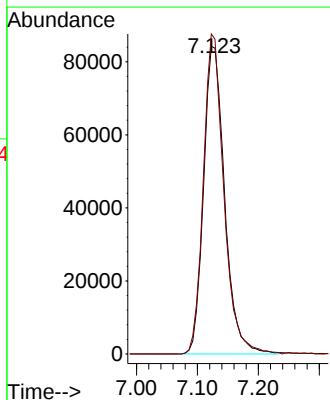
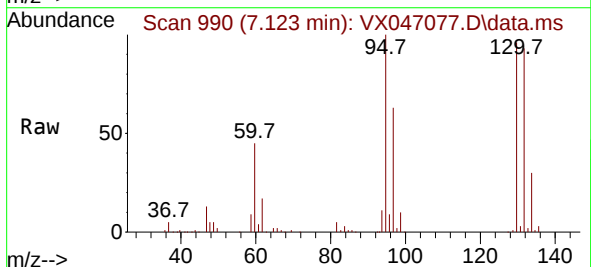
Manual Integrations
APPROVED

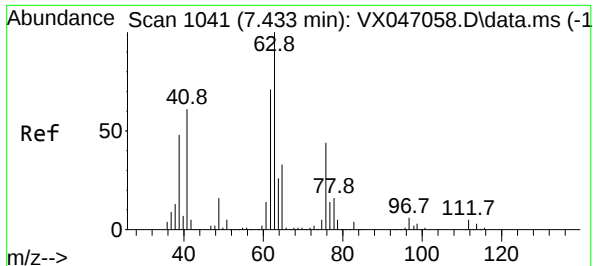
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#44
Trichloroethene
Concen: 44.524 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion:130 Resp: 202725
Ion Ratio Lower Upper
130 100
95 104.0 0.0 198.6





#45

1,2-Dichloropropane

Concen: 45.079 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20047

Ion Ratio Lower Upper

63 100

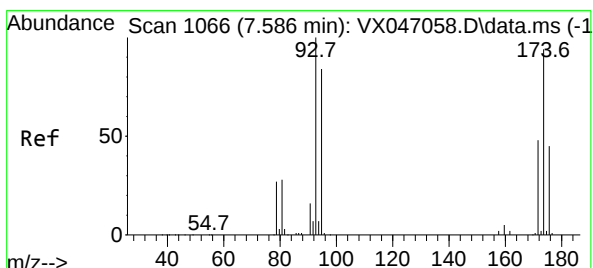
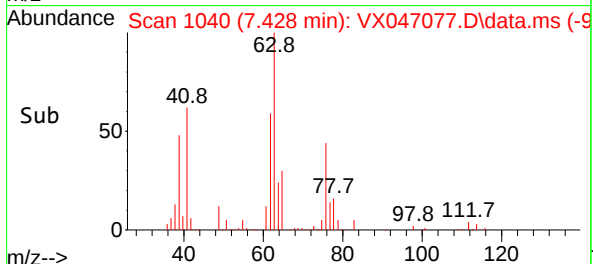
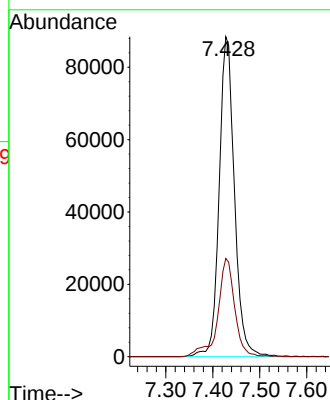
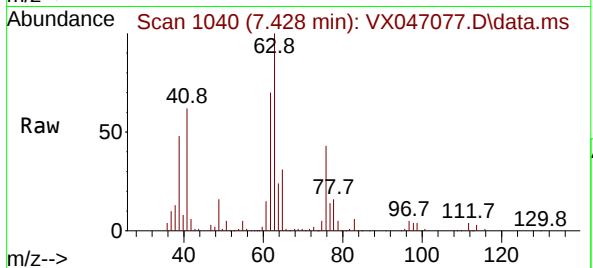
65 30.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#46

Dibromomethane

Concen: 45.915 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

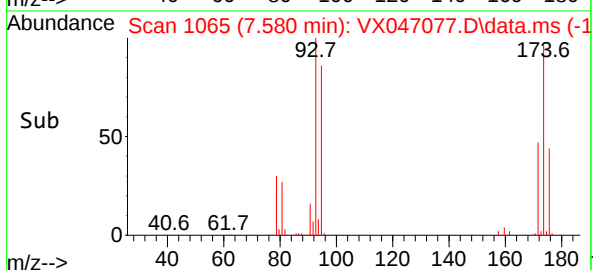
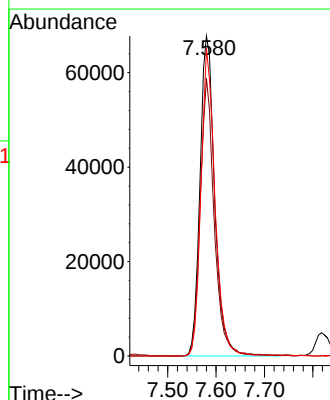
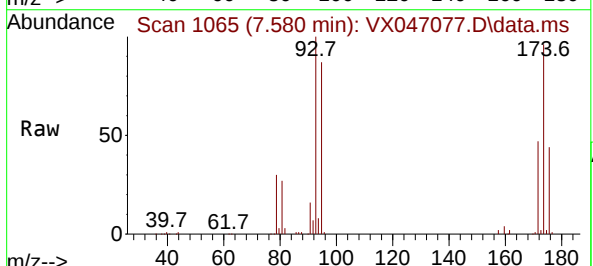
Tgt Ion: 93 Resp: 143188

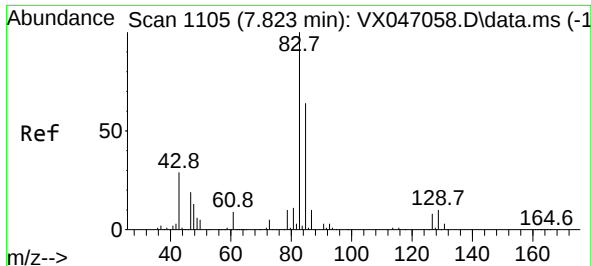
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

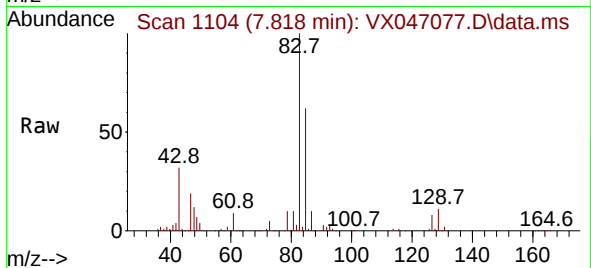
174 91.8 74.6 112.0





#47
Bromodichloromethane
Concen: 45.743 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

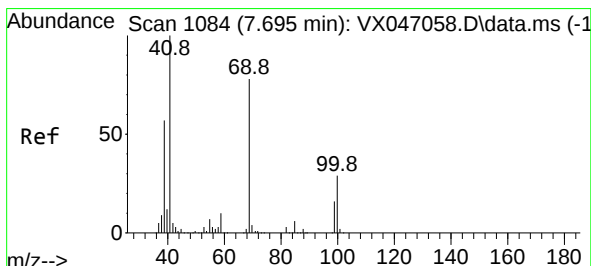
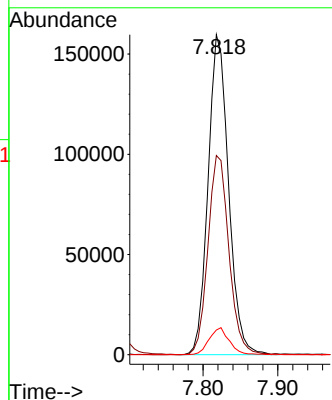
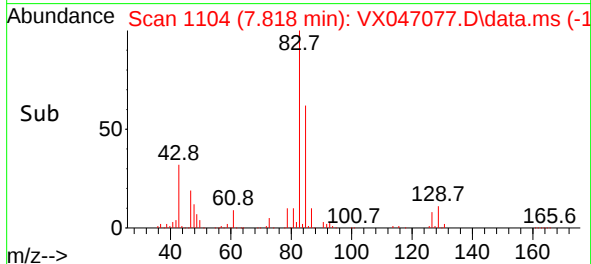
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 30363
Ion Ratio Lower Upper
83 100
85 62.3 49.9 74.9
127 7.7 6.6 10.0

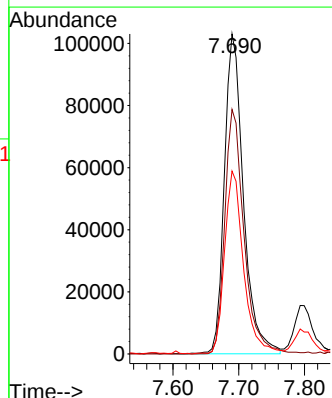
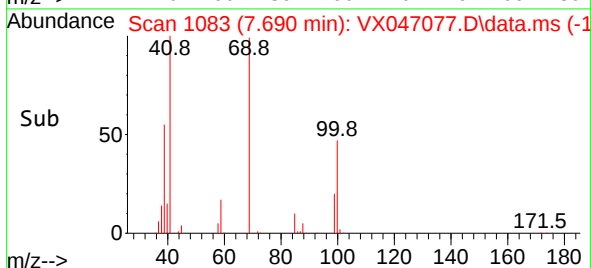
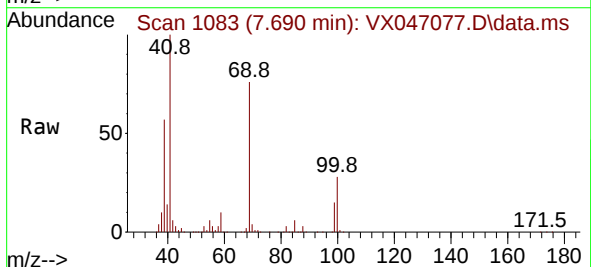
Manual Integrations
APPROVED

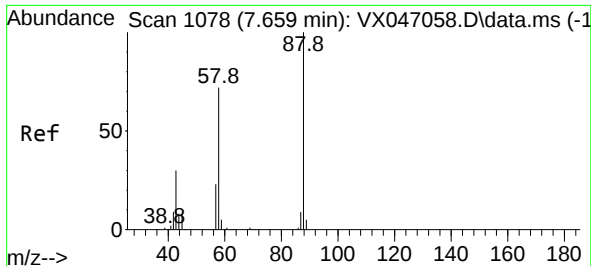
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#48
Methyl methacrylate
Concen: 43.250 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

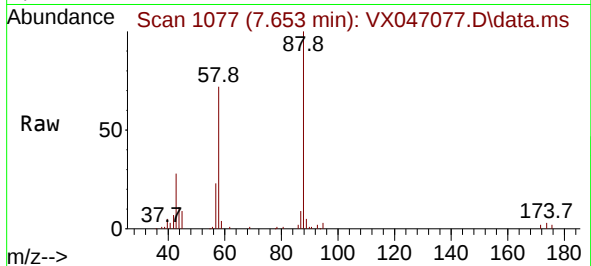
Tgt Ion: 41 Resp: 207662
Ion Ratio Lower Upper
41 100
69 77.5 62.3 93.5
39 57.4 44.8 67.2





#49
1,4-Dioxane
Concen: 900.080 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

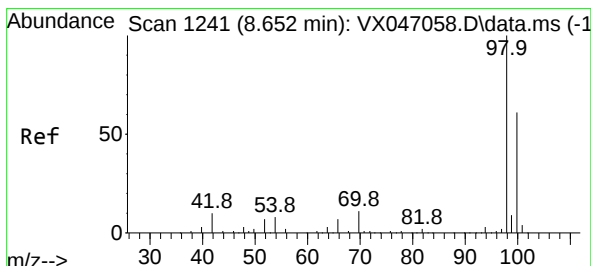
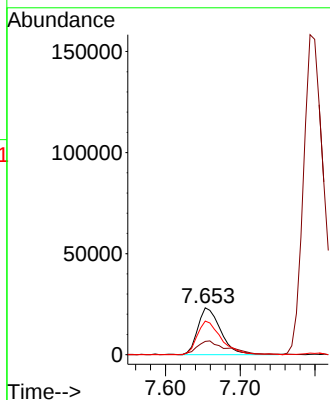
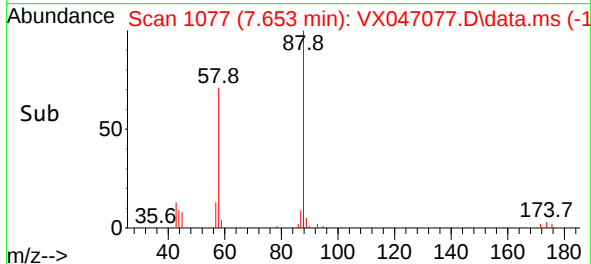
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 4915
Ion Ratio Lower Upper
88 100
43 38.4 33.6 50.4
58 74.5 58.8 88.2

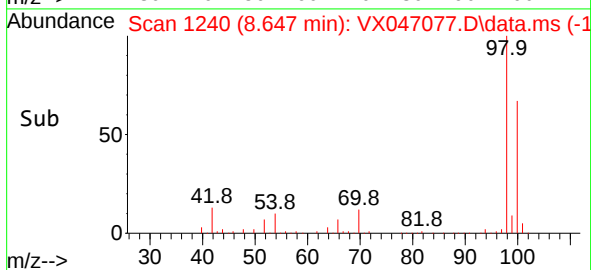
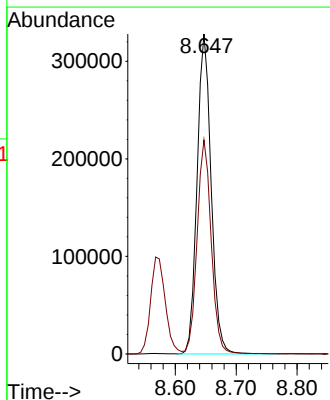
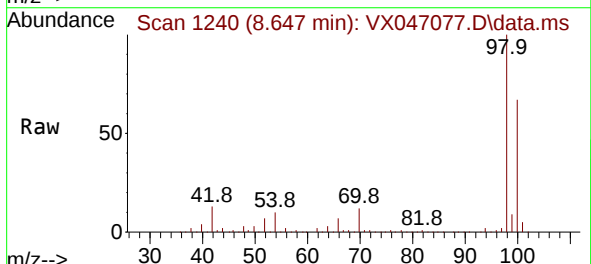
Manual Integrations
APPROVED

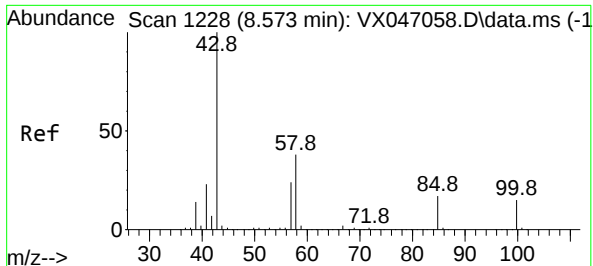
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#50
Toluene-d8
Concen: 45.097 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

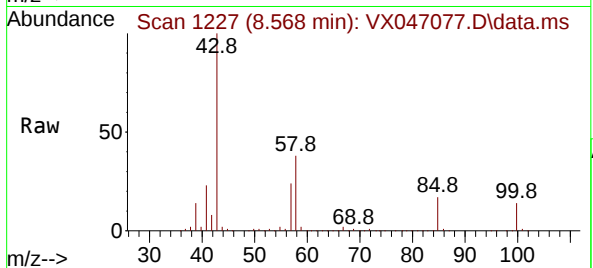
Tgt Ion: 98 Resp: 525666
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 219.051 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

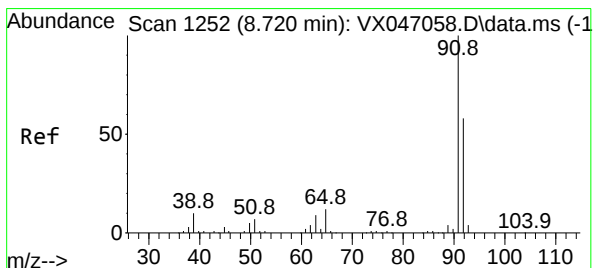
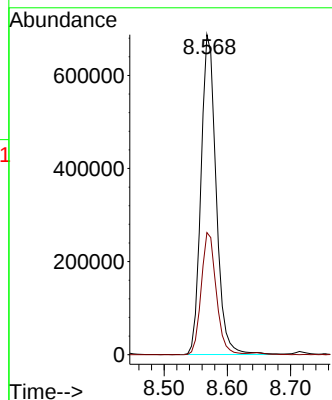
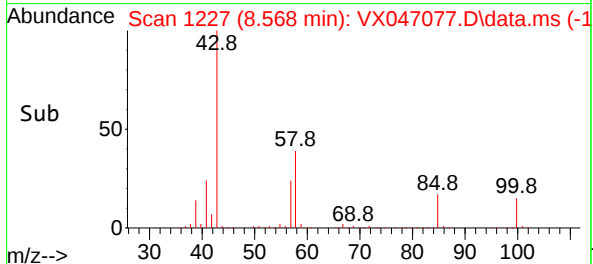
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



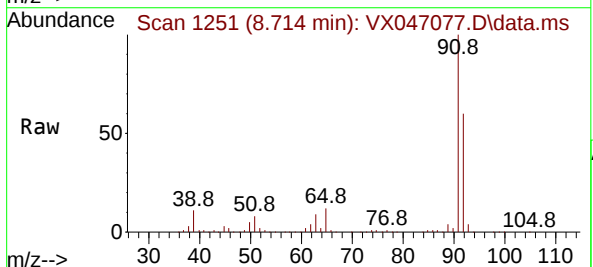
Tgt Ion: 43 Resp: 114754
Ion Ratio Lower Upper
43 100
58 37.9 30.6 45.8

Manual Integrations
APPROVED

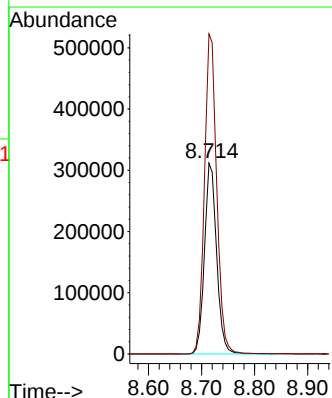
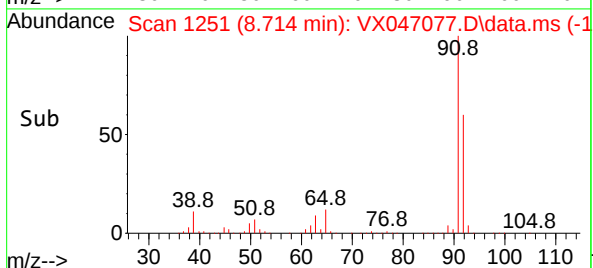
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

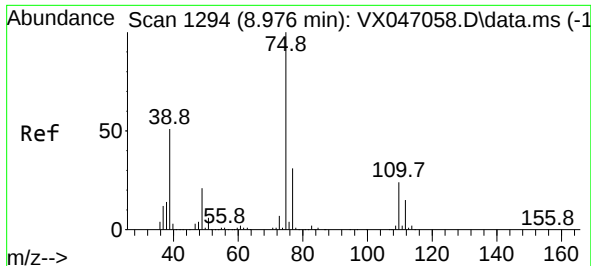


#52
Toluene
Concen: 45.369 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30



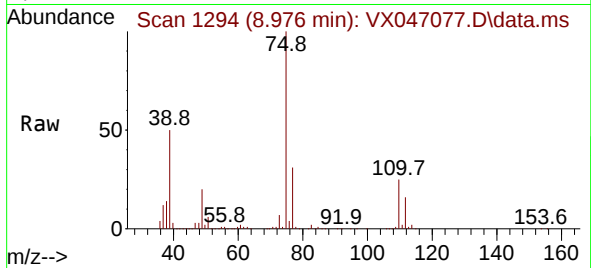
Tgt Ion: 92 Resp: 495325
Ion Ratio Lower Upper
92 100
91 169.1 137.9 206.9





#53
 t-1,3-Dichloropropene
 Concen: 46.088 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047077.D
 Acq: 23 Jul 2025 09:30

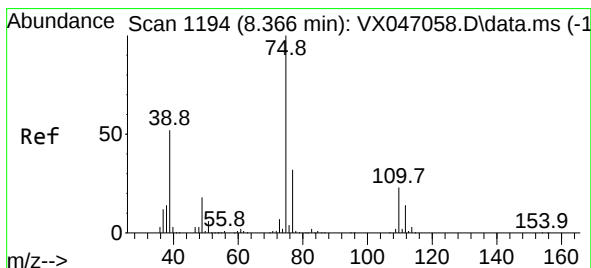
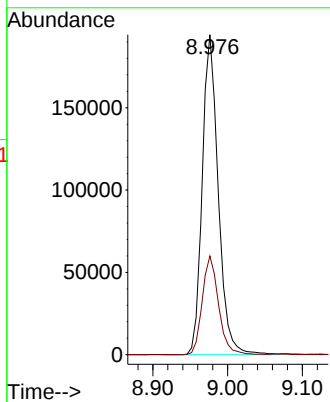
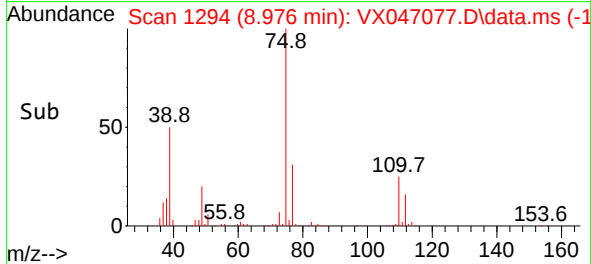
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



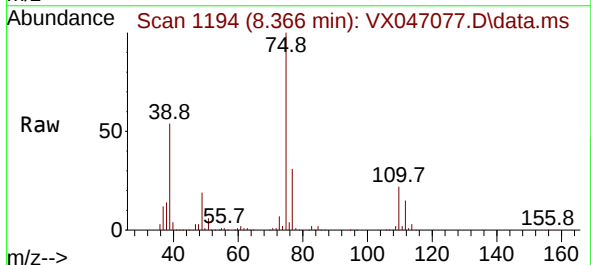
Tgt Ion: 75 Resp: 28889
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.5 36.7

Manual Integrations
 APPROVED

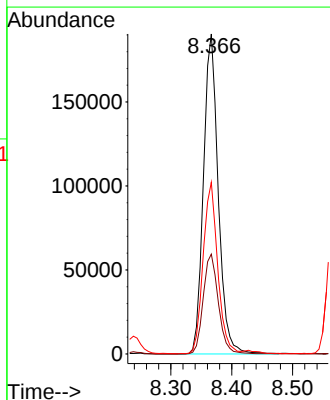
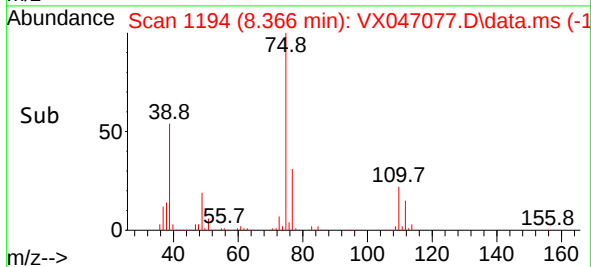
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

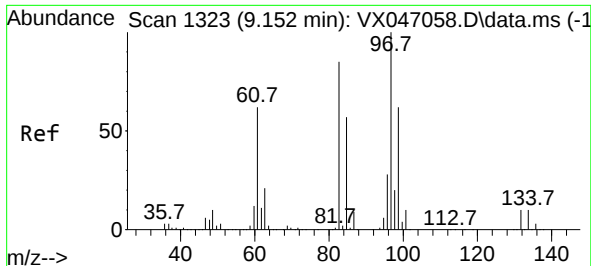


#54
 cis-1,3-Dichloropropene
 Concen: 46.878 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047077.D
 Acq: 23 Jul 2025 09:30



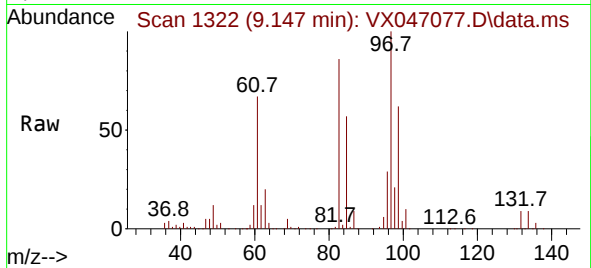
Tgt Ion: 75 Resp: 321604
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 53.2 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 44.403 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

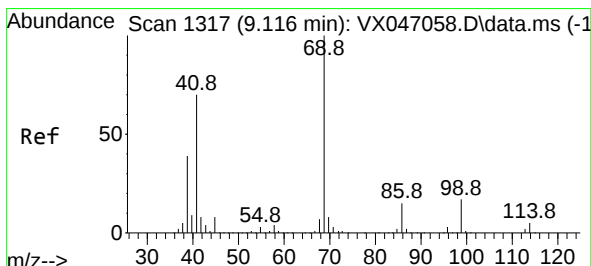
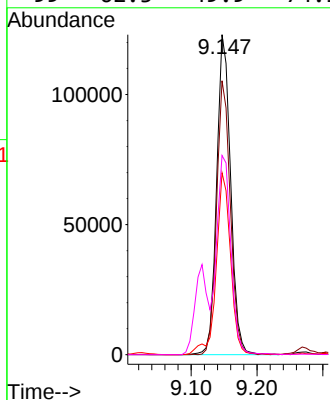
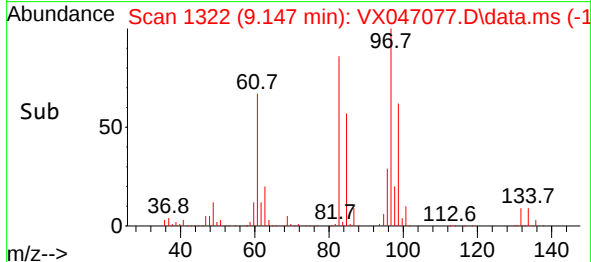


Tgt Ion: 97 Resp: 181804

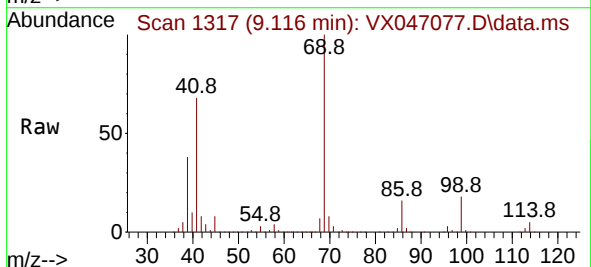
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.0	102.0
85	56.9	45.2	67.8
99	62.3	49.9	74.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

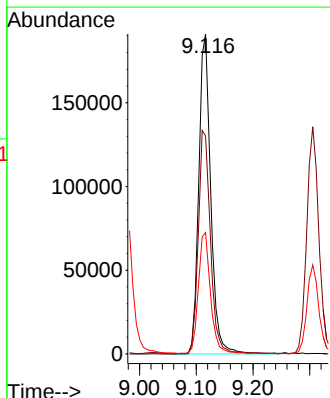
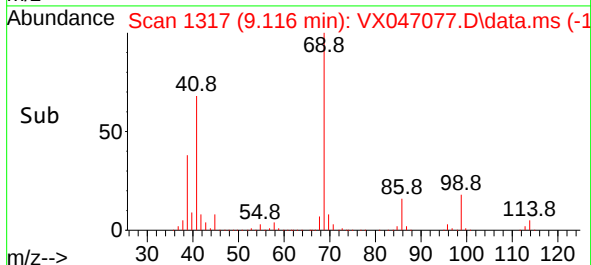


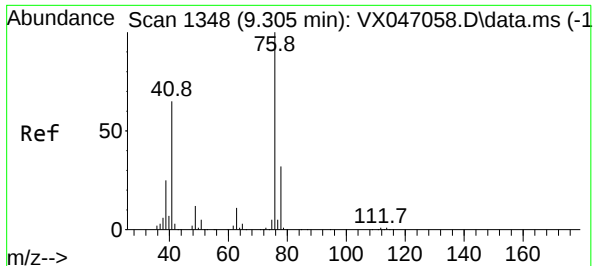
#56
Ethyl methacrylate
Concen: 46.289 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30



Tgt Ion: 69 Resp: 280577

Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.1	84.1
39	38.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 44.047 ug/l

RT: 9.305 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 313438

Ion Ratio Lower Upper

76 100

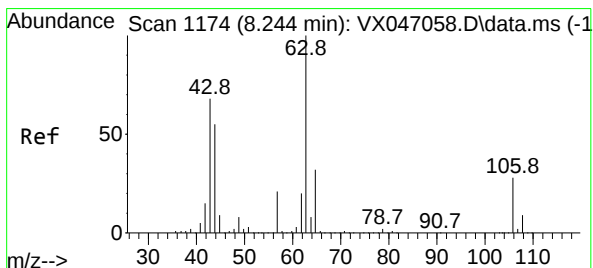
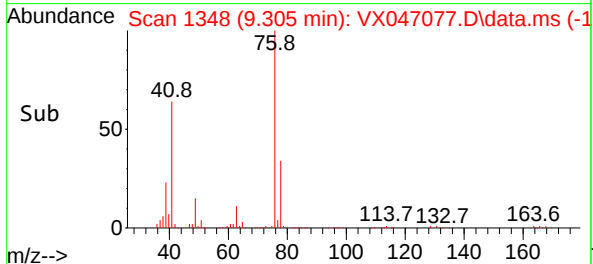
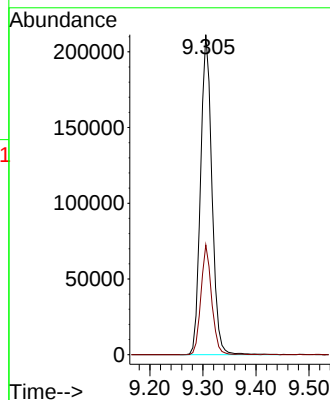
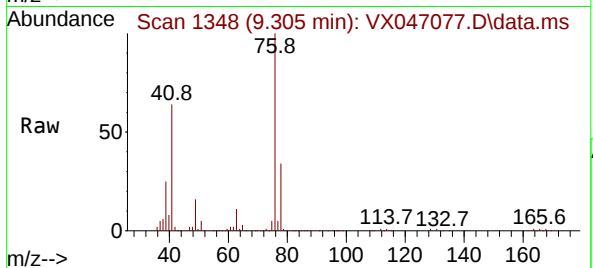
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 230.830 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047077.D

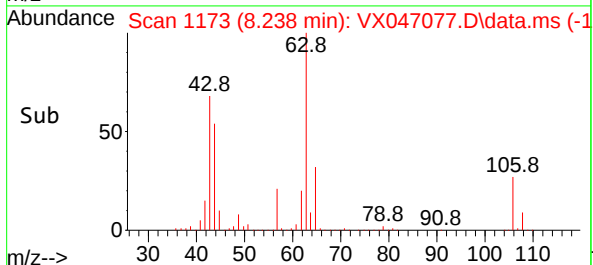
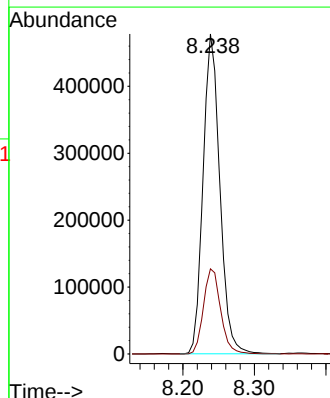
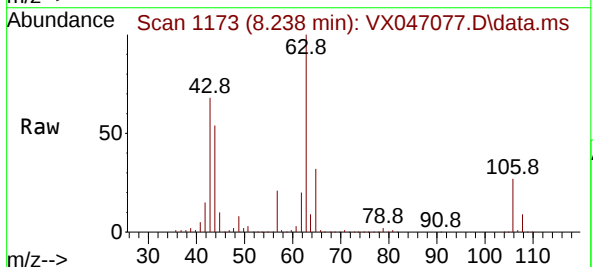
Acq: 23 Jul 2025 09:30

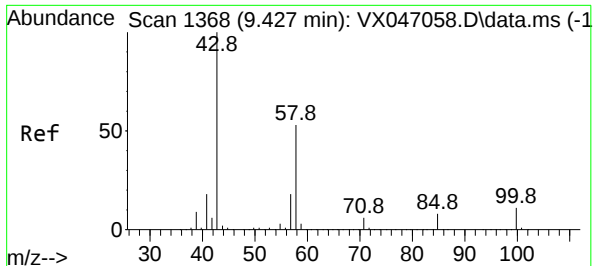
Tgt Ion: 63 Resp: 778594

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.4





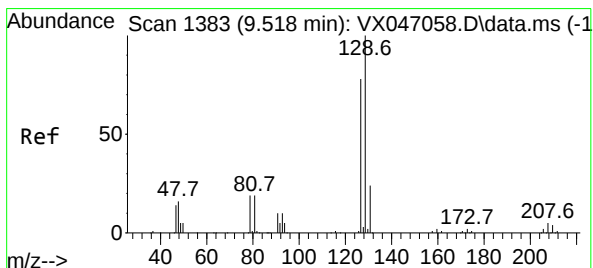
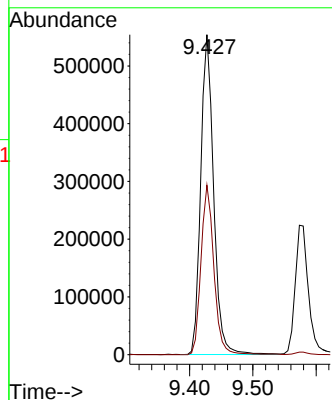
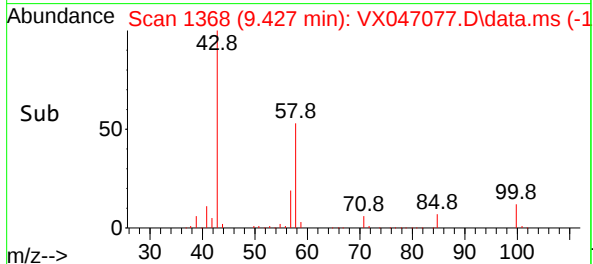
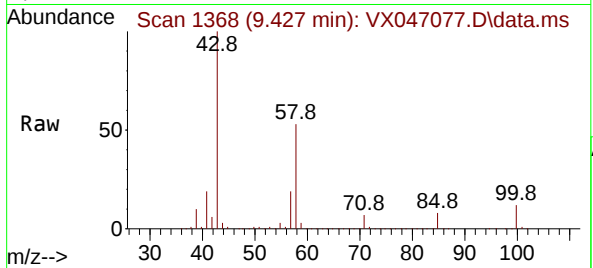
#59
2-Hexanone
Concen: 227.394 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 78704
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

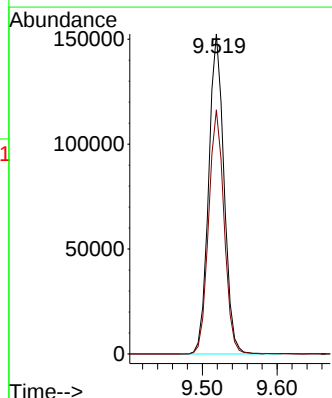
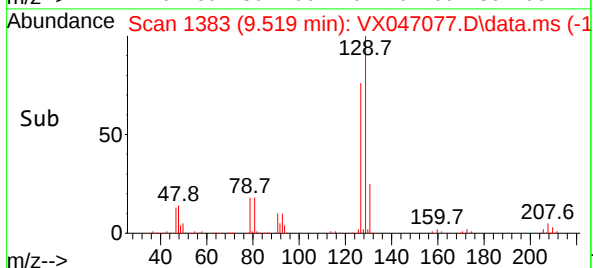
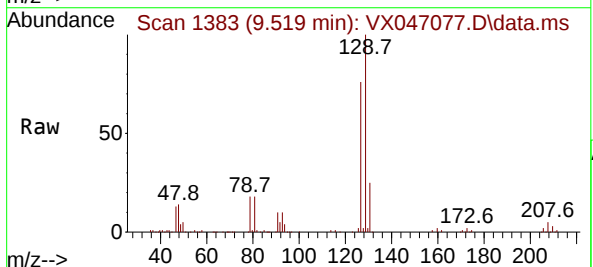
Manual Integrations
APPROVED

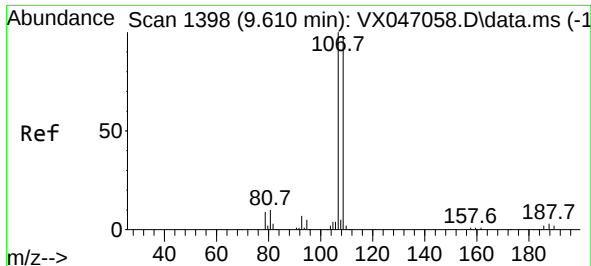
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#60
Dibromochloromethane
Concen: 45.224 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

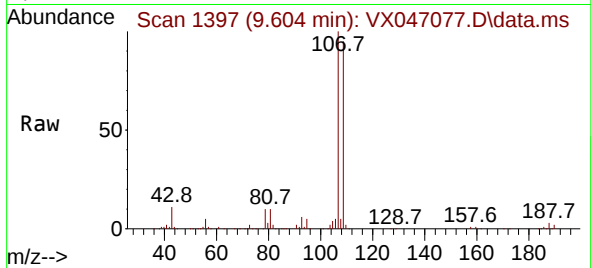
Tgt Ion:129 Resp: 217168
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 43.387 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

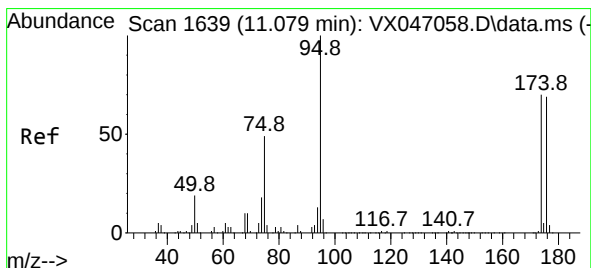
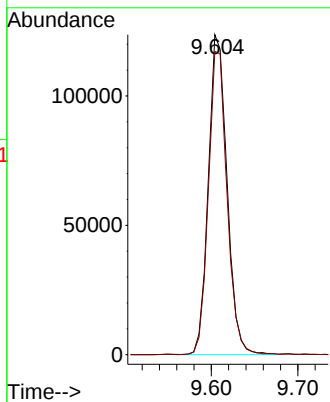
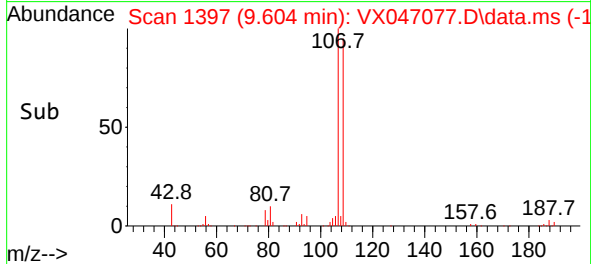
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



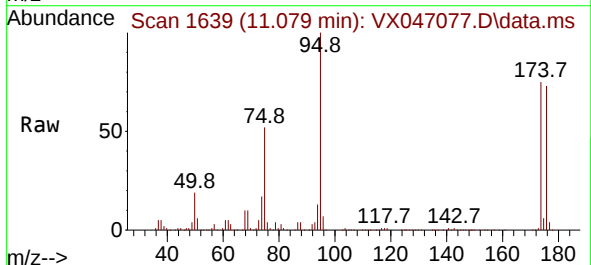
Tgt Ion:107 Resp: 185750
Ion Ratio Lower Upper
107 100
109 94.5 74.6 112.0

Manual Integrations
APPROVED

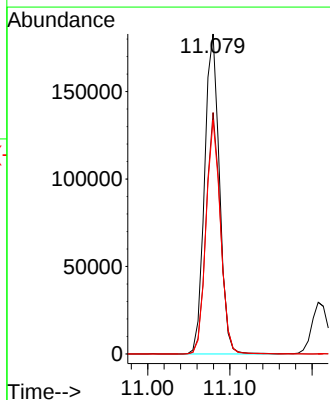
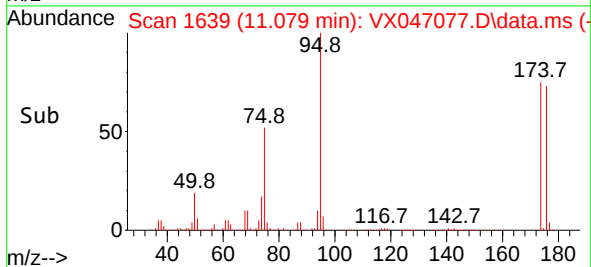
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

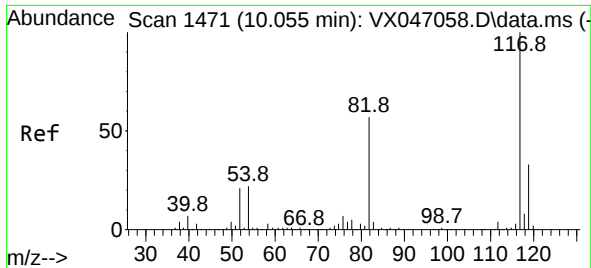


#62
4-Bromofluorobenzene
Concen: 45.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30



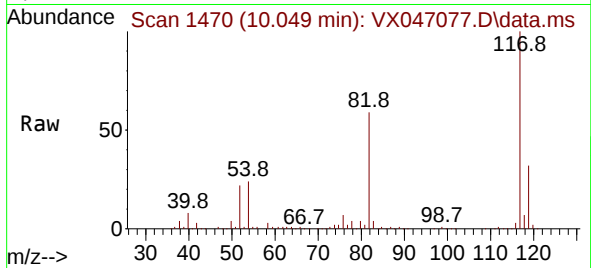
Tgt Ion: 95 Resp: 229331
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.6
176 71.1 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

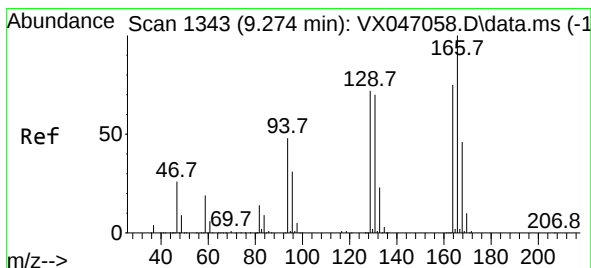
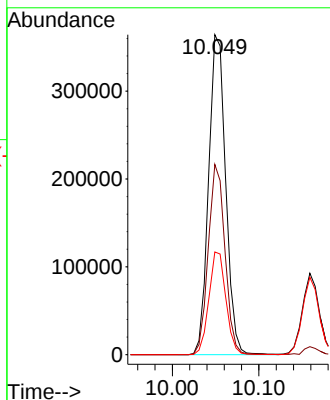
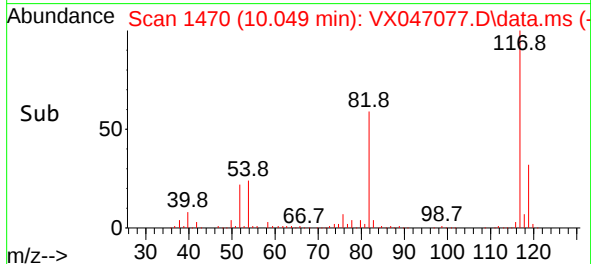
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 49926
Ion Ratio Lower Upper
117 100
82 59.5 45.4 68.2
119 32.1 26.1 39.1

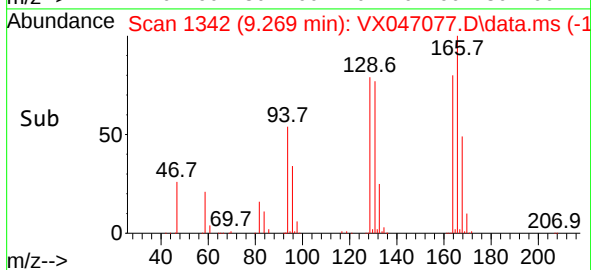
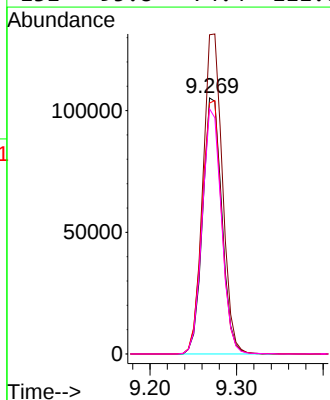
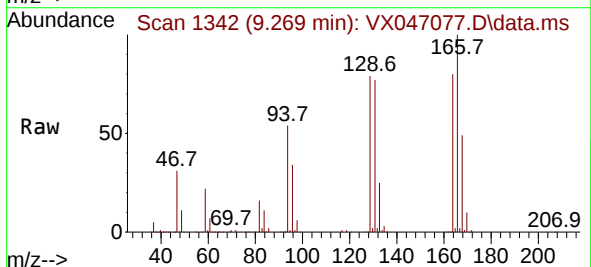
Manual Integrations
APPROVED

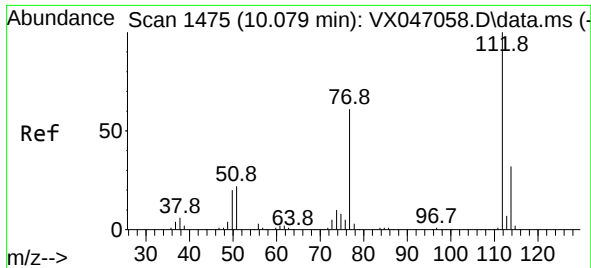
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#64
Tetrachloroethene
Concen: 44.834 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion:164 Resp: 161363
Ion Ratio Lower Upper
164 100
166 124.7 106.2 159.4
129 98.0 76.6 114.8
131 95.8 74.4 111.6





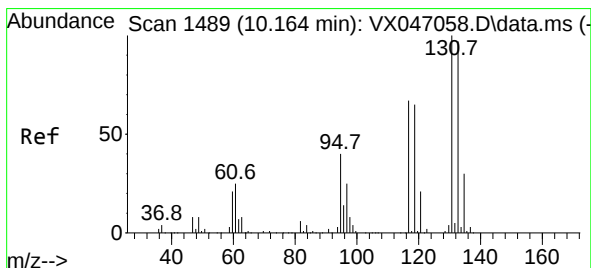
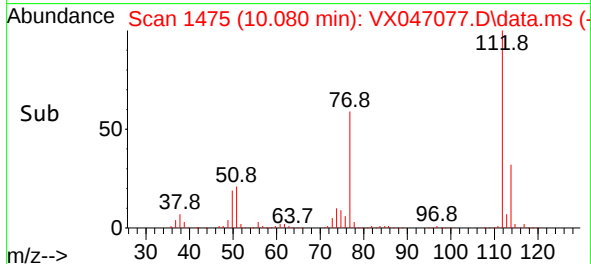
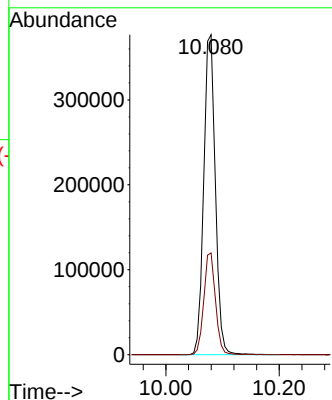
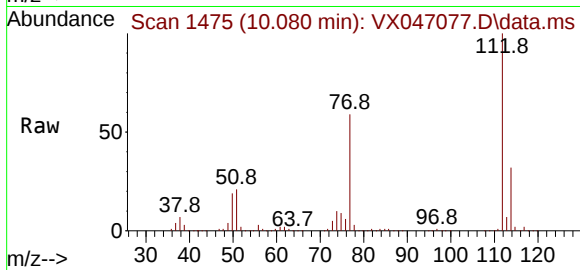
#65
Chlorobenzene
Concen: 45.755 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 535150
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

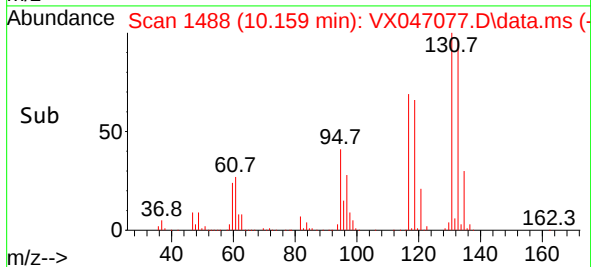
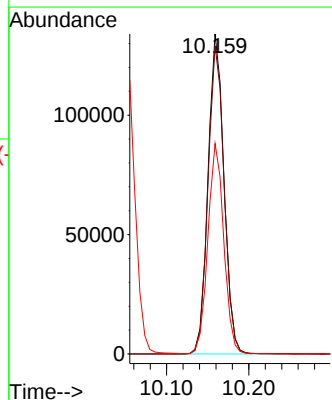
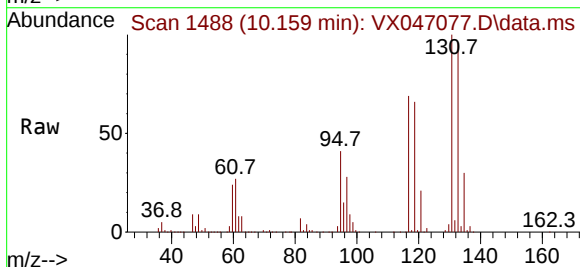
Manual Integrations
APPROVED

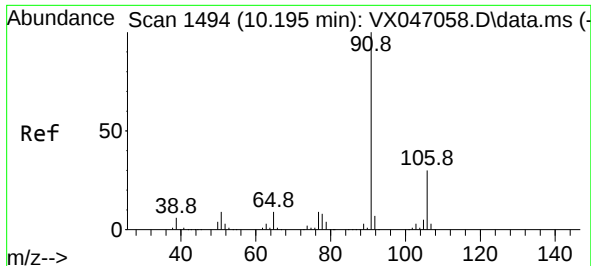
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 45.851 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion:131 Resp: 180554
Ion Ratio Lower Upper
131 100
133 97.0 48.4 145.3
119 65.7 32.4 97.0





#67

Ethyl Benzene

Concen: 46.543 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 951798

Ion Ratio Lower Upper

91 100

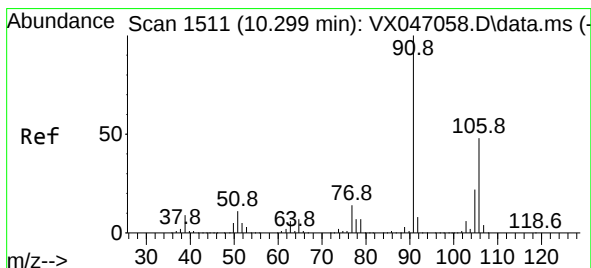
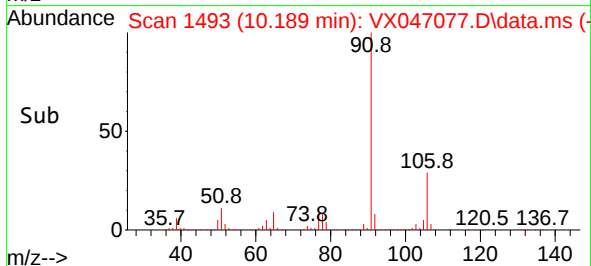
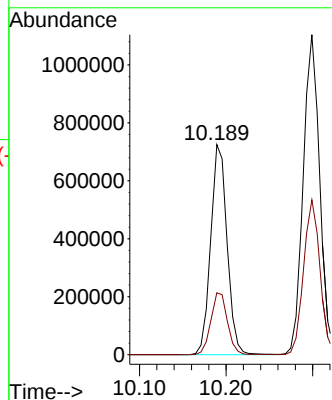
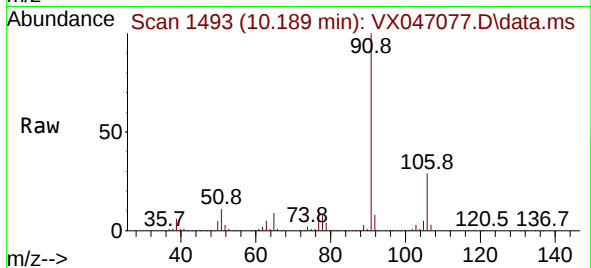
106 29.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#68

m/p-Xylenes

Concen: 92.402 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047077.D

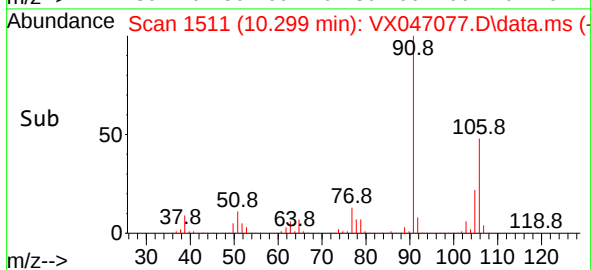
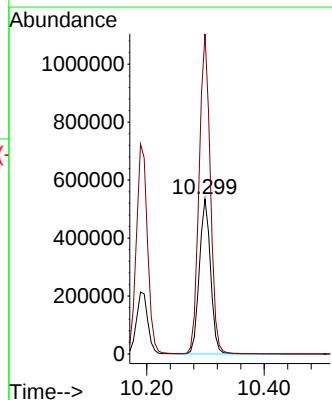
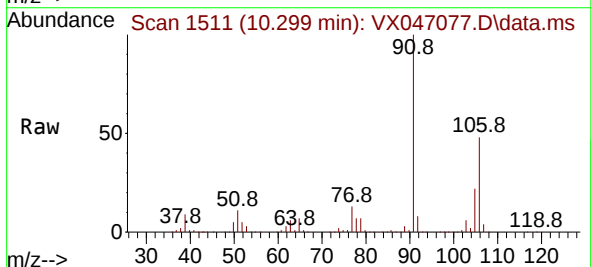
Acq: 23 Jul 2025 09:30

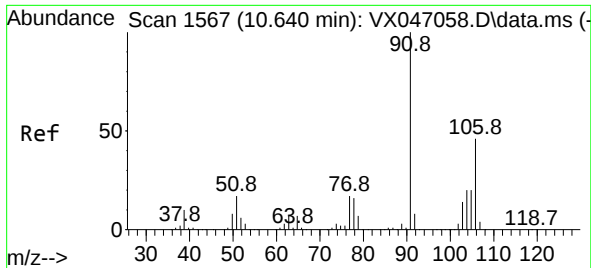
Tgt Ion:106 Resp: 707134

Ion Ratio Lower Upper

106 100

91 207.0 167.4 251.0





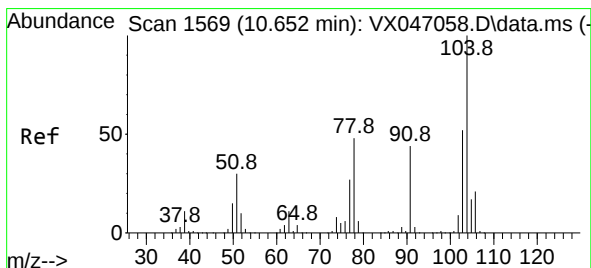
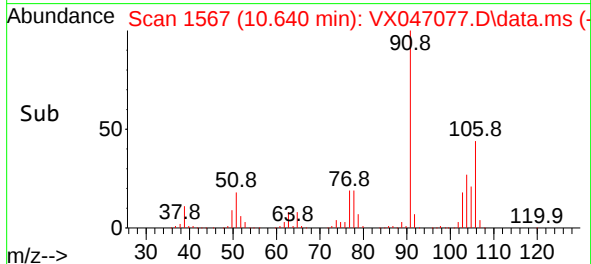
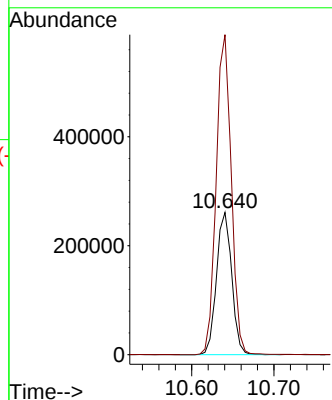
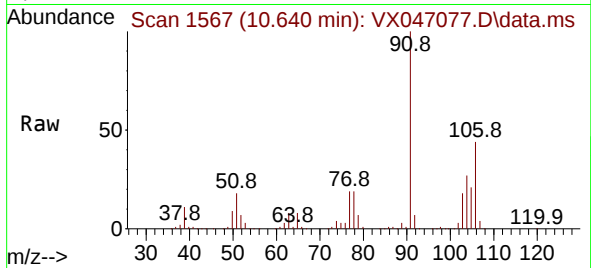
#69
o-Xylene
Concen: 46.145 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 335945
Ion Ratio Lower Upper
106 100
91 222.9 110.3 331.0

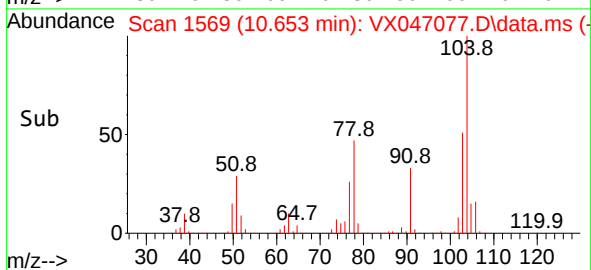
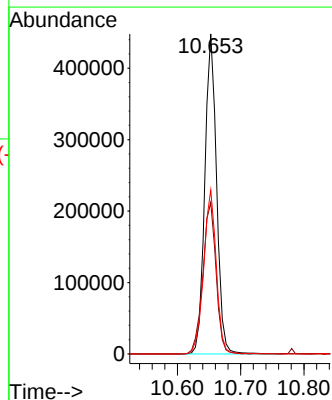
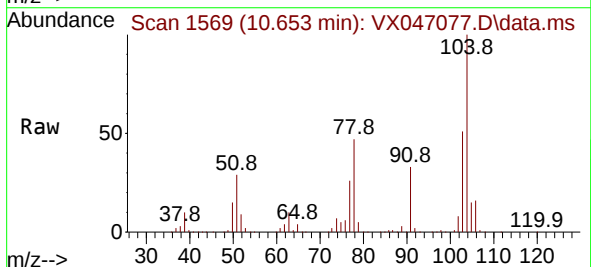
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#70
Styrene
Concen: 46.511 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

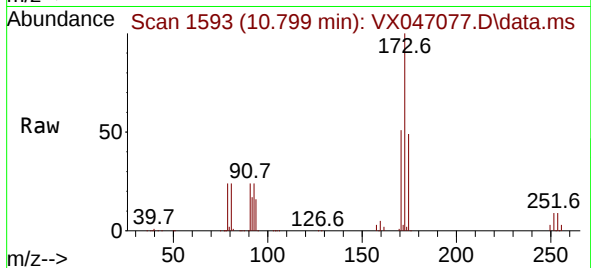
Tgt Ion:104 Resp: 580632
Ion Ratio Lower Upper
104 100
78 53.1 42.0 63.0
103 54.7 43.8 65.6





#71
Bromoform
Concen: 46.029 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

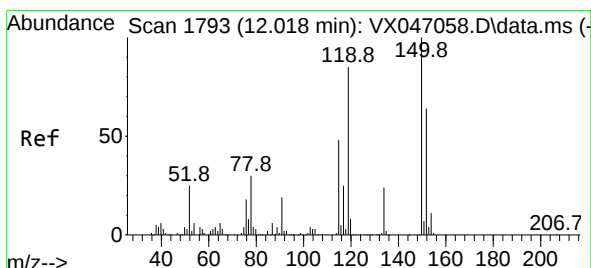
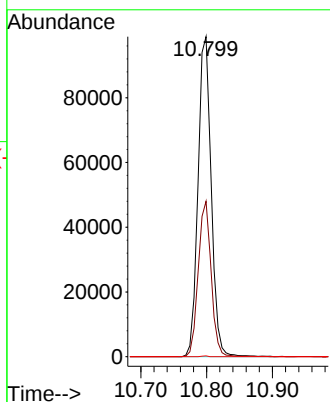
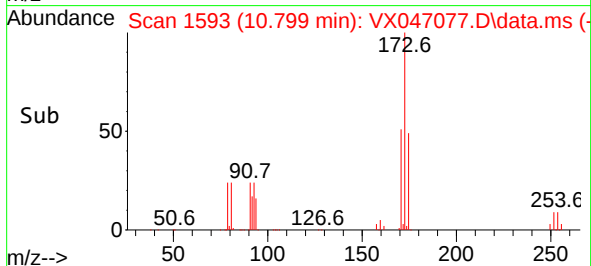
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



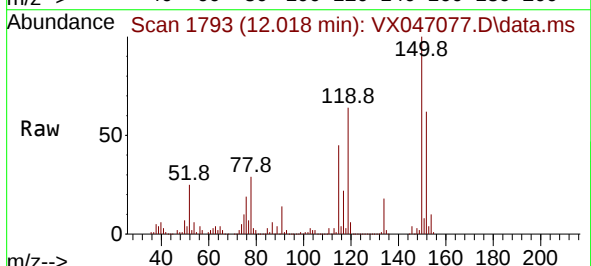
Tgt Ion:173 Resp: 137684
Ion Ratio Lower Upper
173 100
175 47.6 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
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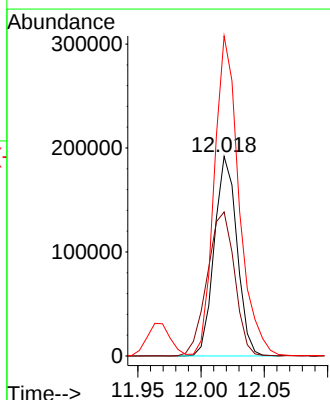
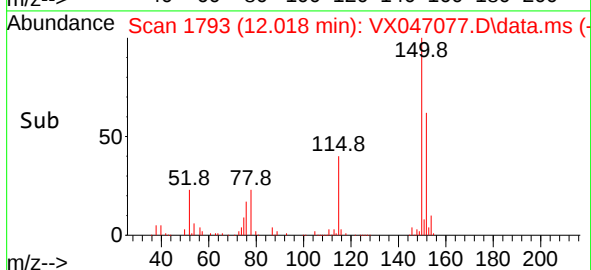
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

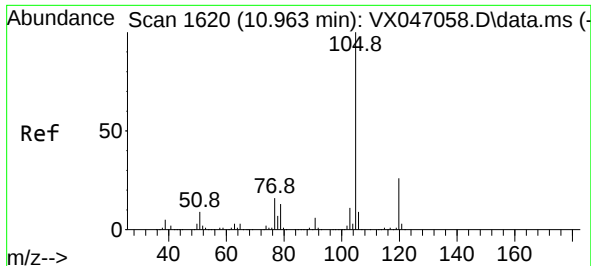


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30



Tgt Ion:152 Resp: 238699
Ion Ratio Lower Upper
152 100
115 87.6 45.6 136.7
150 174.6 0.0 354.6





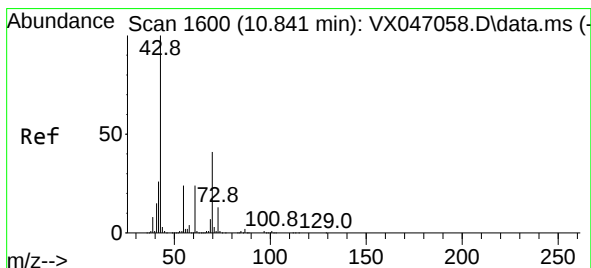
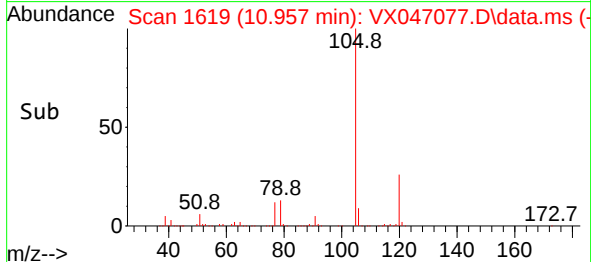
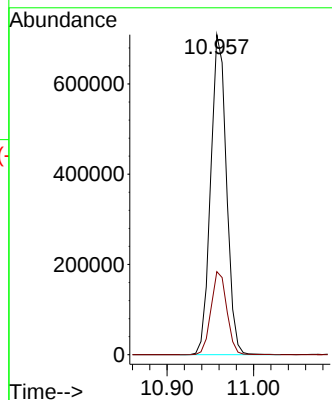
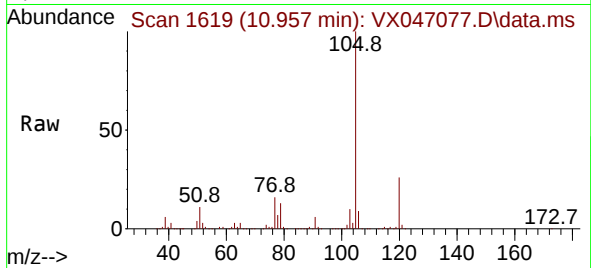
#73
Isopropylbenzene
Concen: 47.624 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 896854
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7

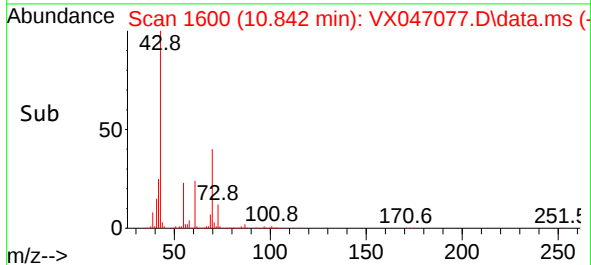
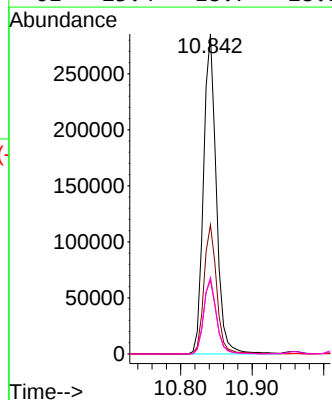
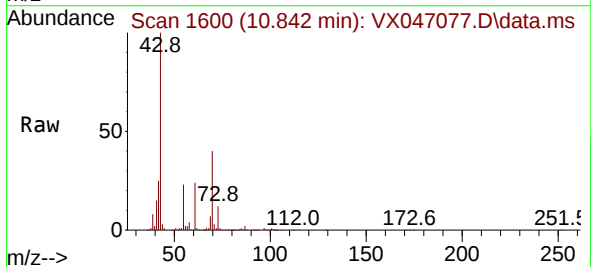
Manual Integrations
APPROVED

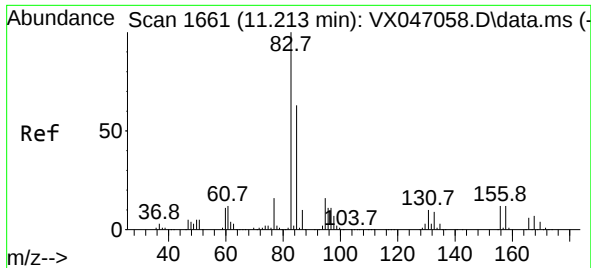
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#74
N-ethyl acetate
Concen: 46.841 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion: 43 Resp: 355916
Ion Ratio Lower Upper
43 100
70 40.2 32.3 48.5
55 23.5 18.9 28.3
61 23.4 18.7 28.1





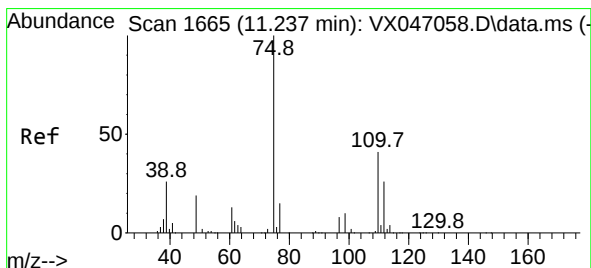
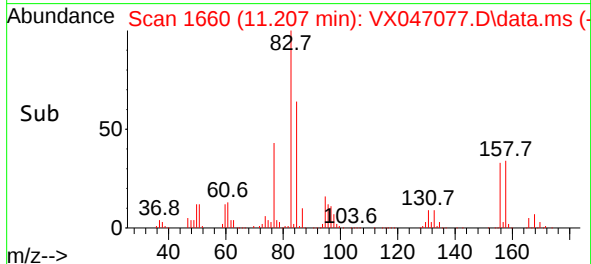
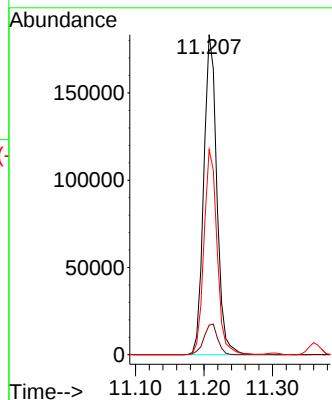
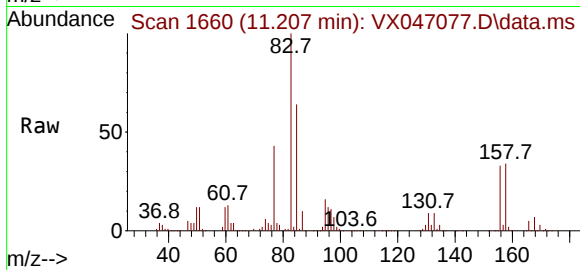
#75
1,1,2,2-Tetrachloroethane
Concen: 45.358 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 243994
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.1 32.0 96.2

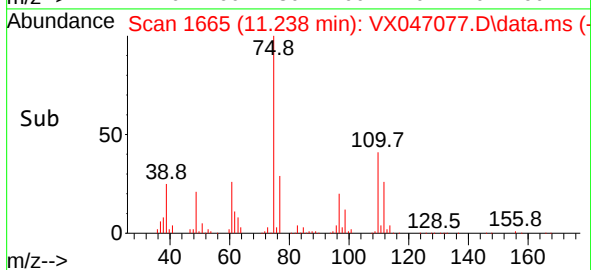
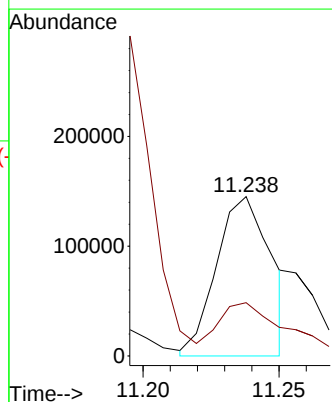
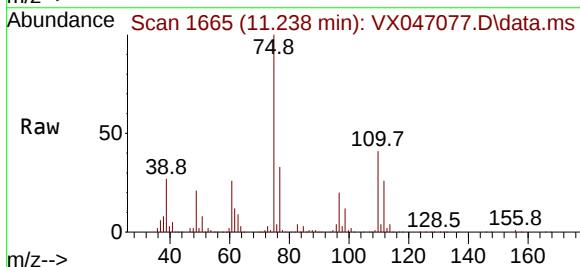
Manual Integrations
APPROVED

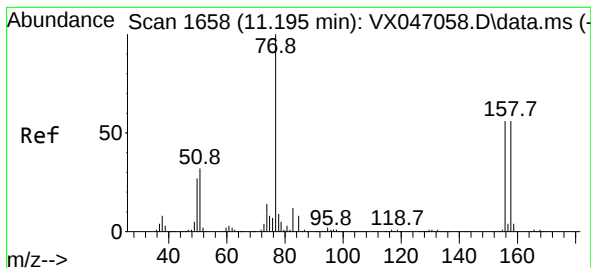
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#76
1,2,3-Trichloropropane
Concen: 45.801 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

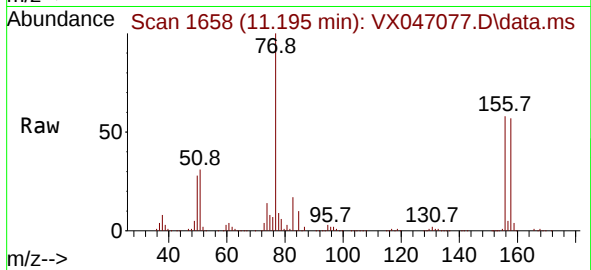
Tgt Ion: 75 Resp: 202360
Ion Ratio Lower Upper
75 100
77 42.3 21.6 65.0





#77
Bromobenzene
Concen: 46.563 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

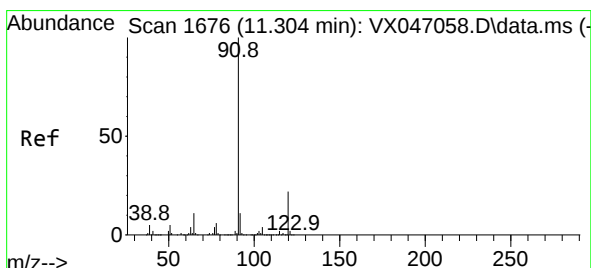
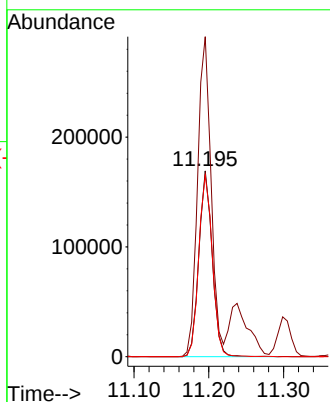
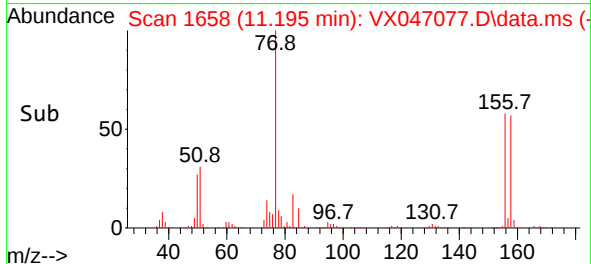
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



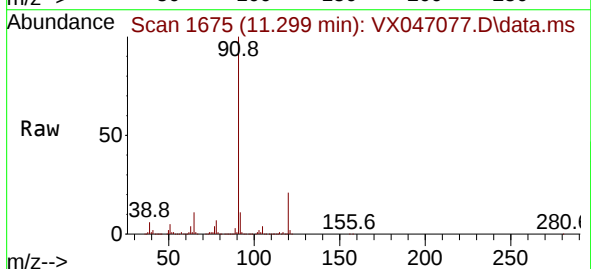
Tgt Ion:156 Resp: 21032
Ion Ratio Lower Upper
156 100
77 174.3 87.3 261.9
158 99.5 48.9 146.6

Manual Integrations
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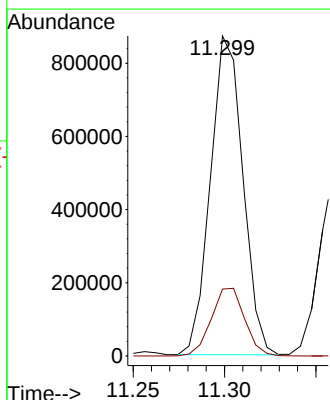
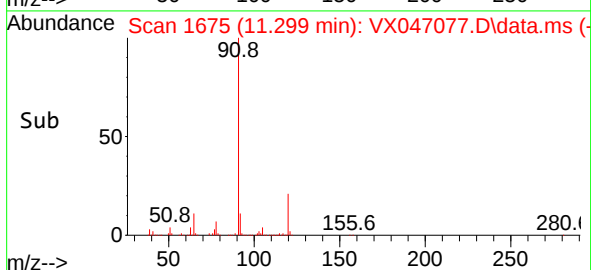
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

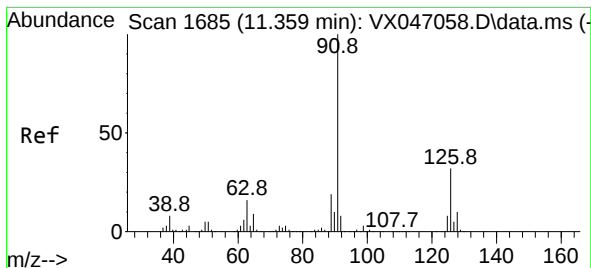


#78
n-propylbenzene
Concen: 47.872 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30



Tgt Ion: 91 Resp: 1077294
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0





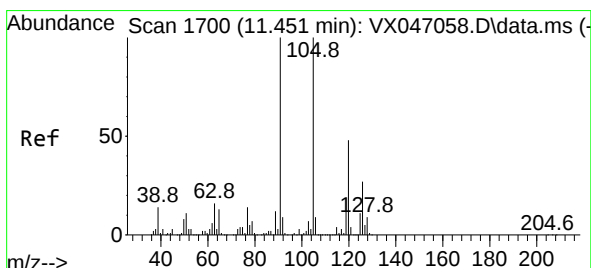
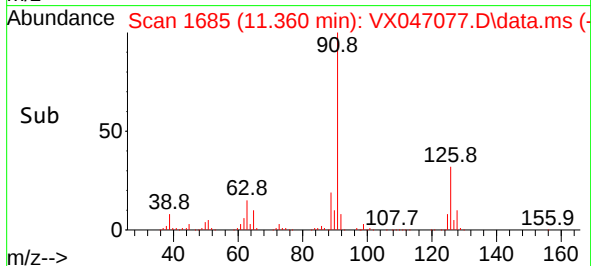
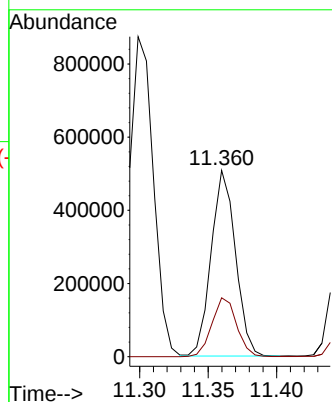
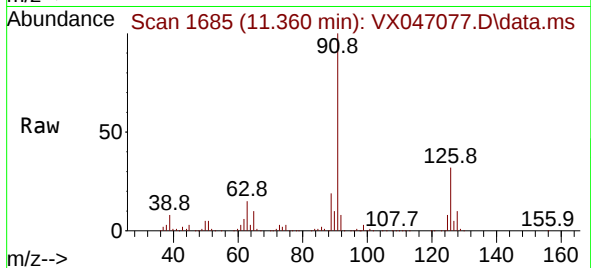
#79
2-Chlorotoluene
Concen: 46.665 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 62774
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4

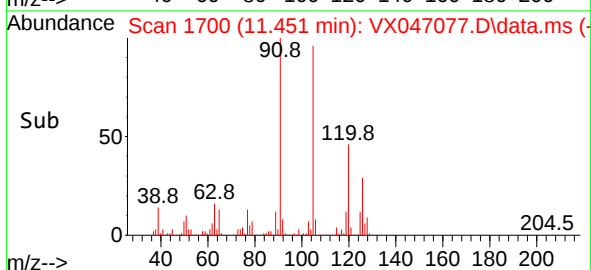
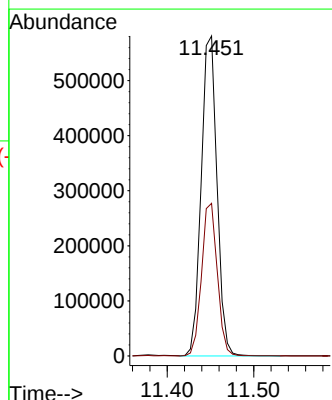
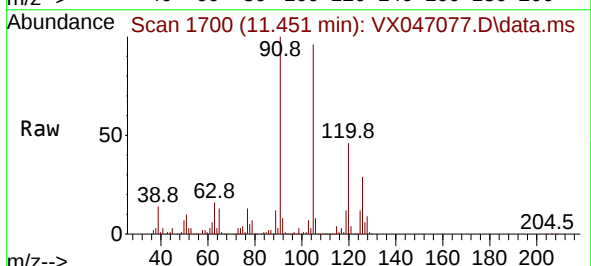
Manual Integrations
APPROVED

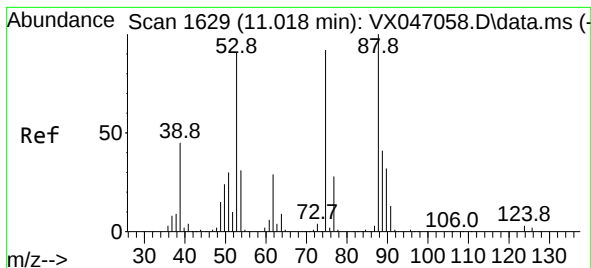
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.303 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

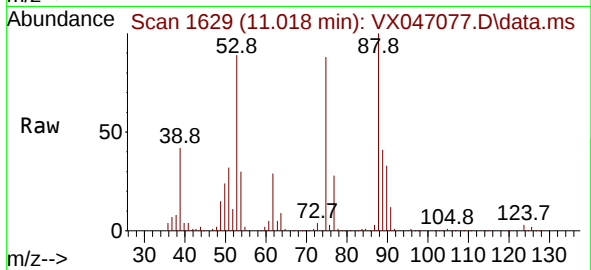
Tgt Ion:105 Resp: 735935
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 46.765 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

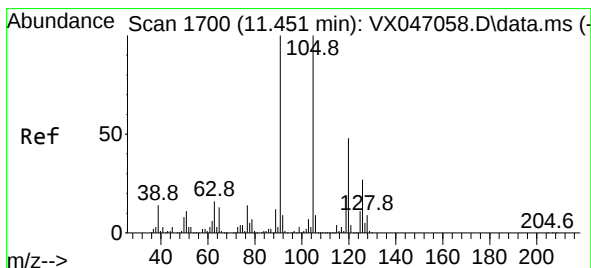
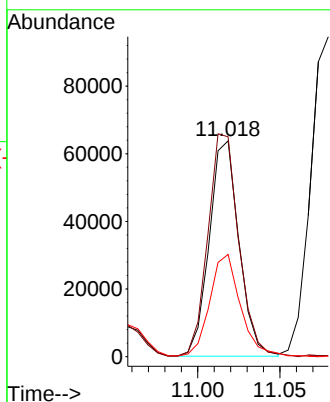
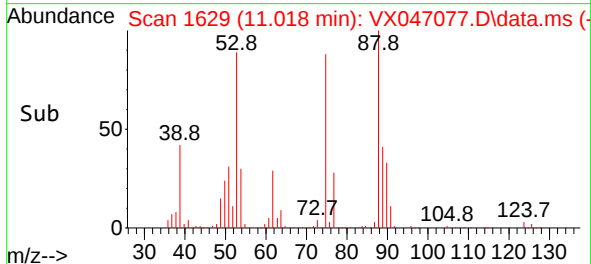
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 80190
Ion Ratio Lower Upper
75 100
53 107.4 84.2 126.4
89 49.5 36.0 54.0

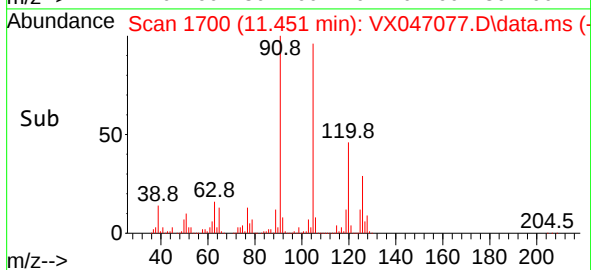
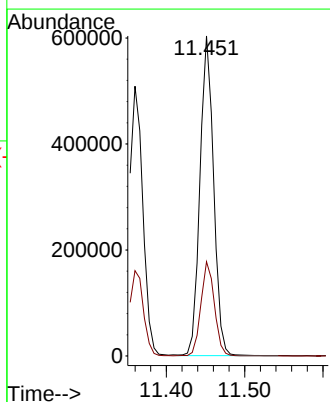
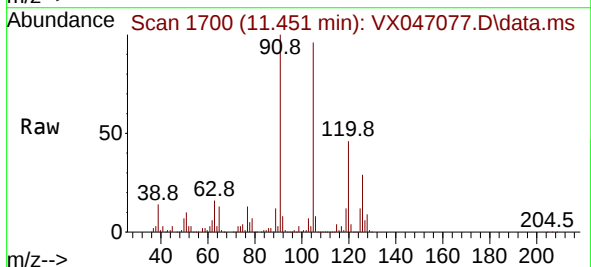
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#82
4-Chlorotoluene
Concen: 46.452 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

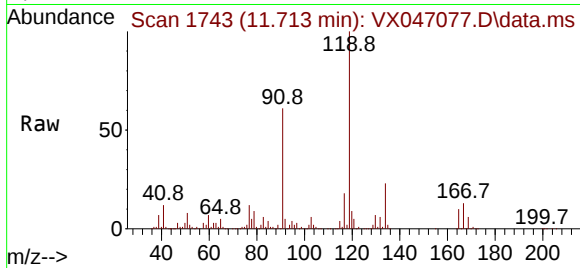
Tgt Ion: 91 Resp: 729361
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.3





#83
tert-Butylbenzene
Concen: 47.246 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

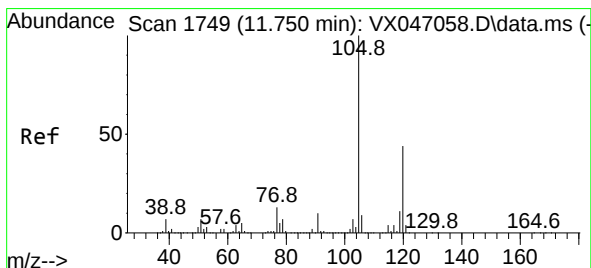
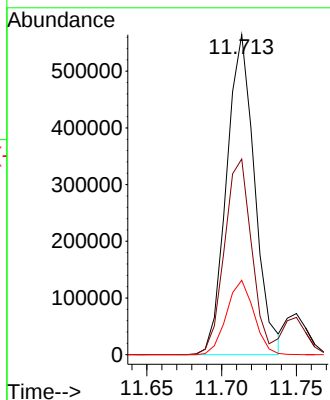
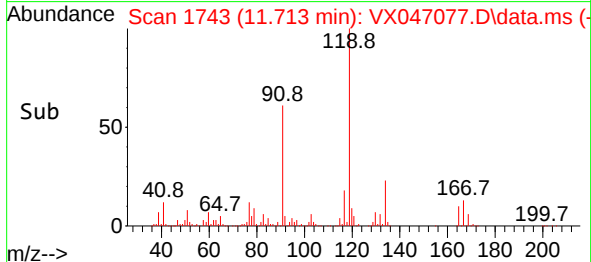
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



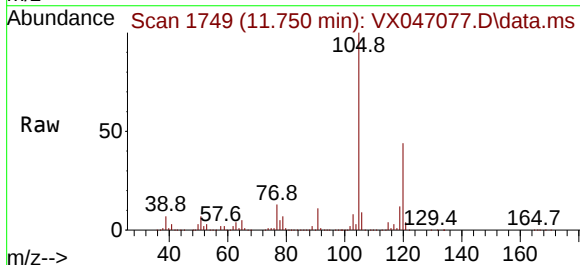
Tgt Ion:119 Resp: 737759
Ion Ratio Lower Upper
119 100
91 59.0 29.6 88.8
134 22.6 11.4 34.1

Manual Integrations
APPROVED

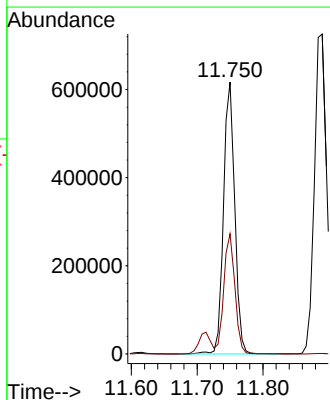
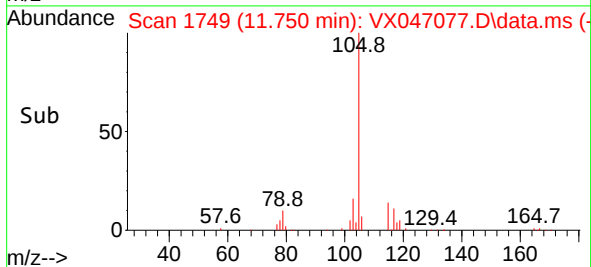
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

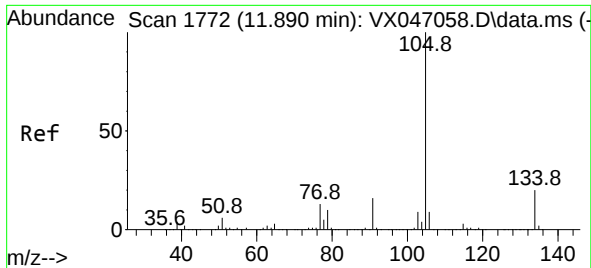


#84
1,2,4-Trimethylbenzene
Concen: 47.361 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30



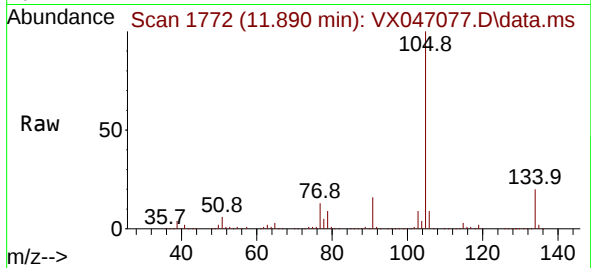
Tgt Ion:105 Resp: 734944
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.496 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047077.D
 Acq: 23 Jul 2025 09:30

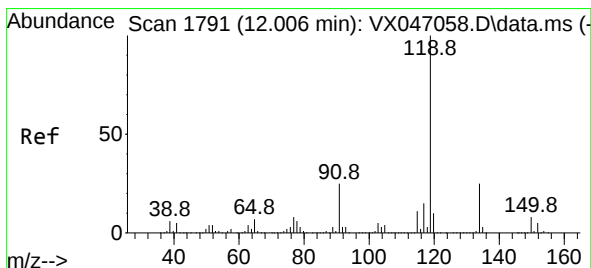
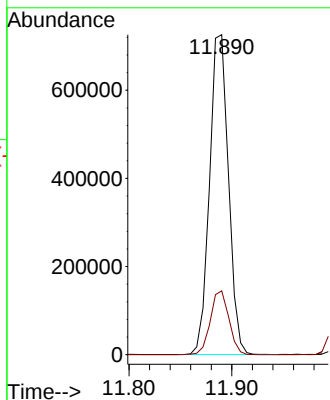
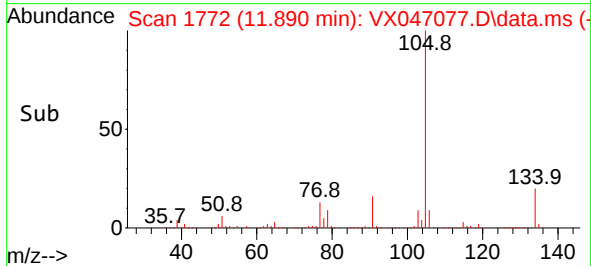
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



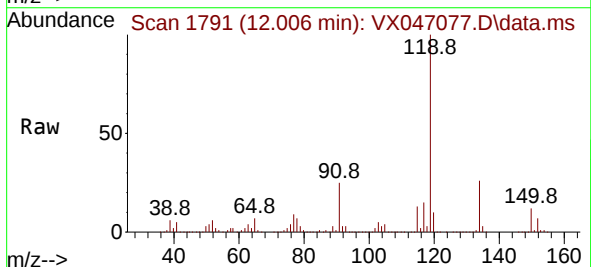
Tgt Ion:105 Resp: 92669
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

Manual Integrations
 APPROVED

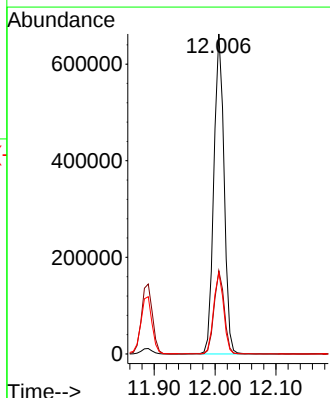
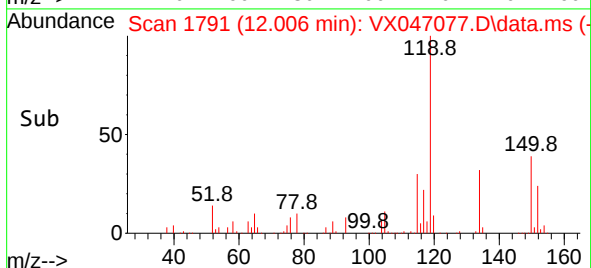
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

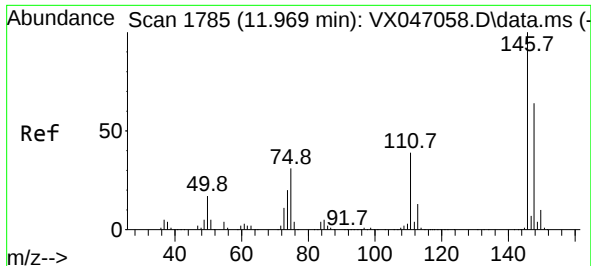


#86
 p-Isopropyltoluene
 Concen: 47.602 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047077.D
 Acq: 23 Jul 2025 09:30



Tgt Ion:119 Resp: 770190
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.093 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 395590

Ion Ratio Lower Upper

146 100

111 42.2 21.0 63.0

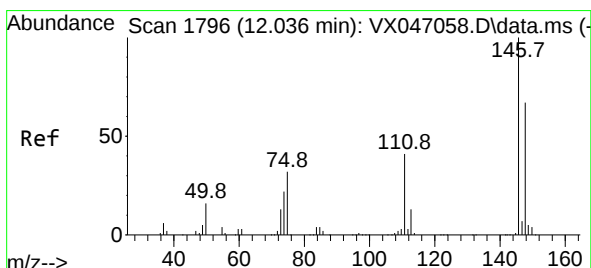
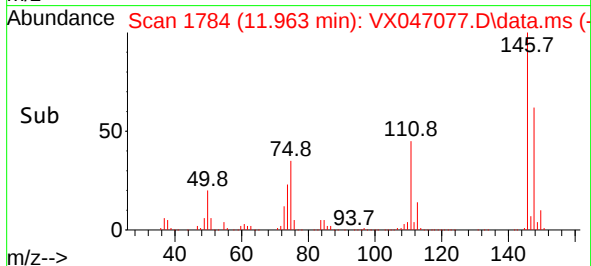
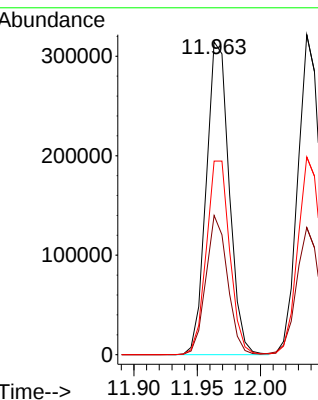
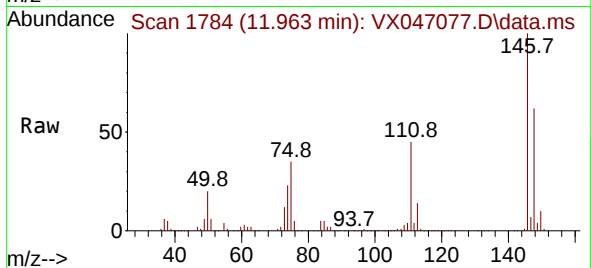
148 63.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#88

1,4-Dichlorobenzene

Concen: 45.855 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

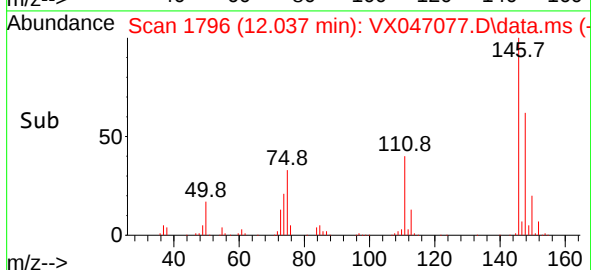
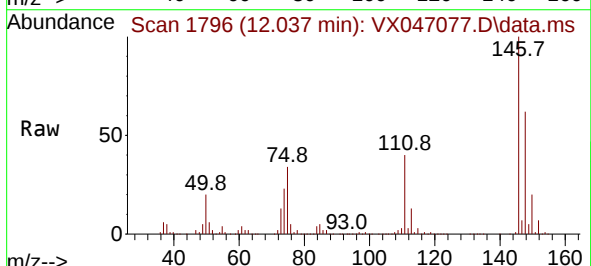
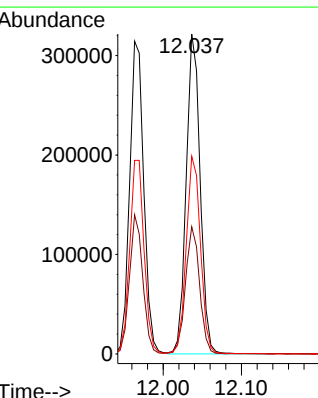
Tgt Ion:146 Resp: 398720

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

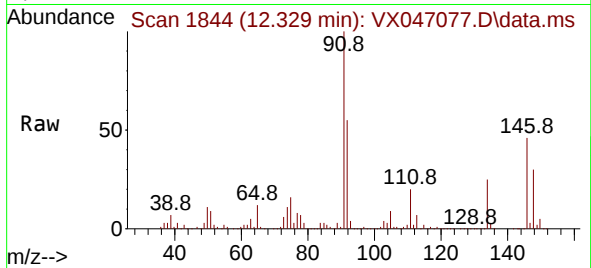
148 63.2 33.0 98.9





#89
n-Butylbenzene
Concen: 47.504 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

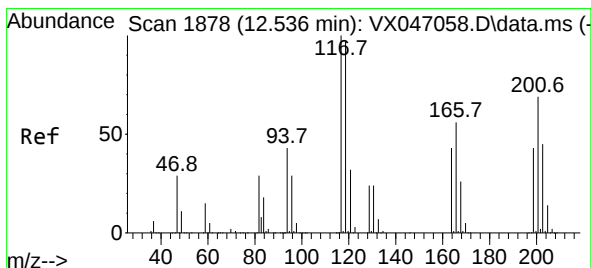
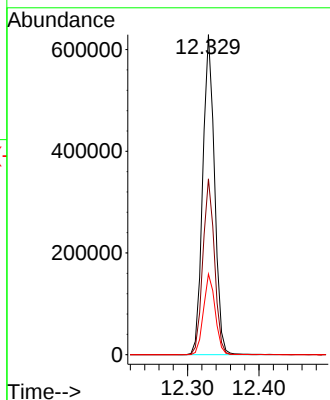
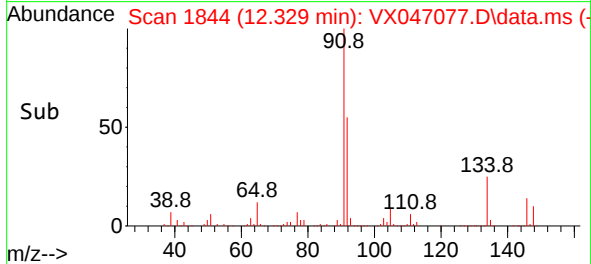
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 72080
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.5
134 25.1 12.8 38.3

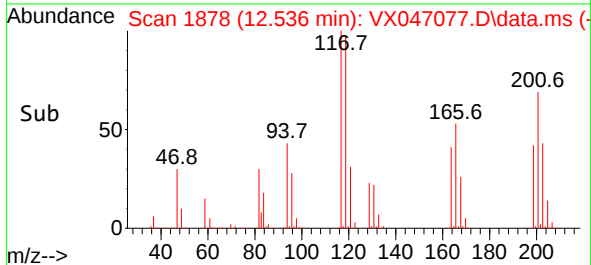
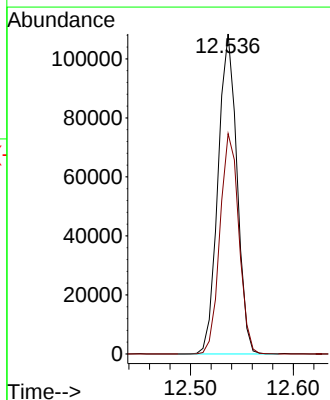
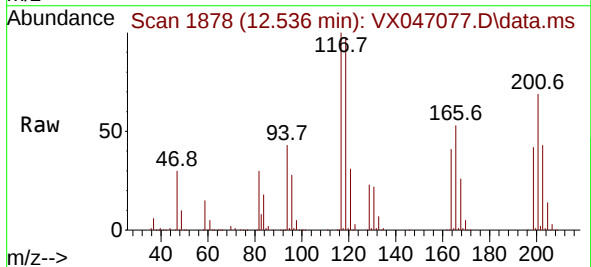
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#90
Hexachloroethane
Concen: 47.882 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

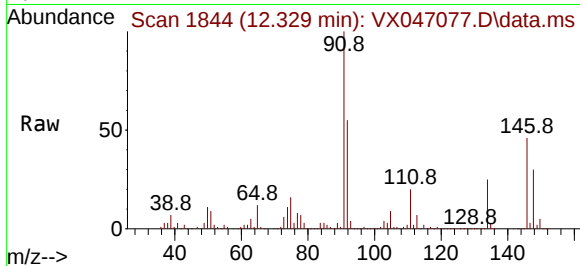
Tgt Ion:117 Resp: 138596
Ion Ratio Lower Upper
117 100
201 68.7 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 45.325 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

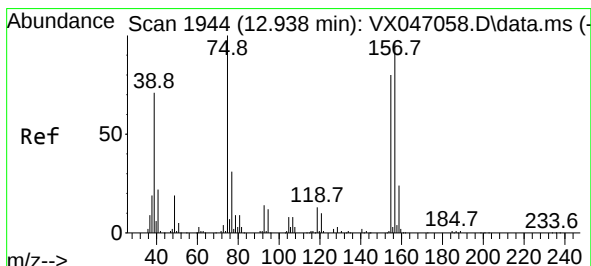
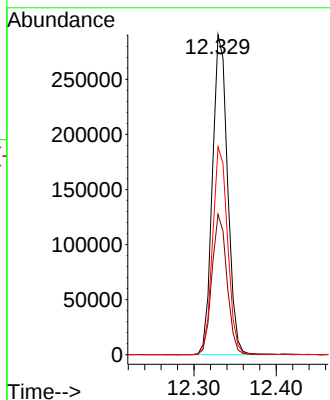
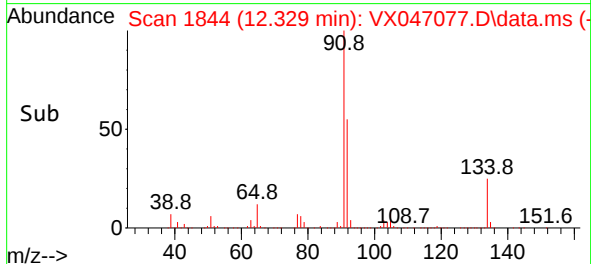
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 371784
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.6
148 64.3 31.9 95.7

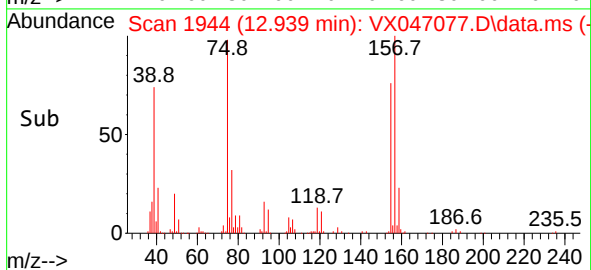
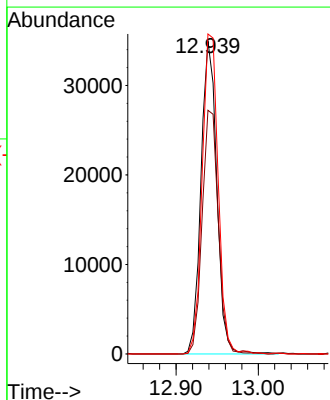
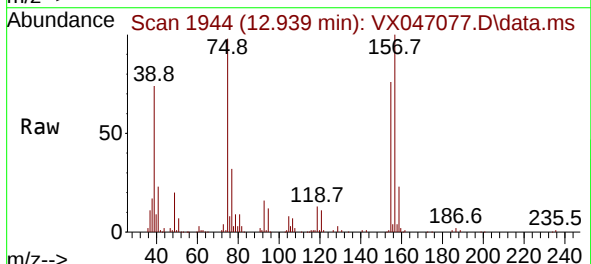
Manual Integrations
APPROVED

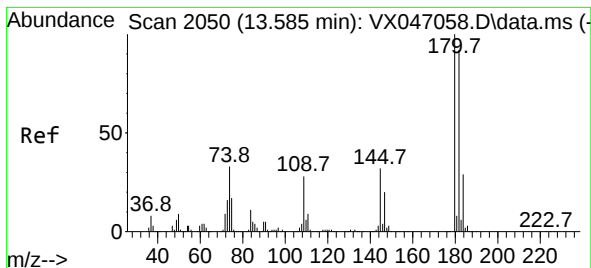
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.299 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047077.D
Acq: 23 Jul 2025 09:30

Tgt Ion: 75 Resp: 46774
Ion Ratio Lower Upper
75 100
155 79.4 41.3 124.1
157 103.5 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 46.921 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 25428

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

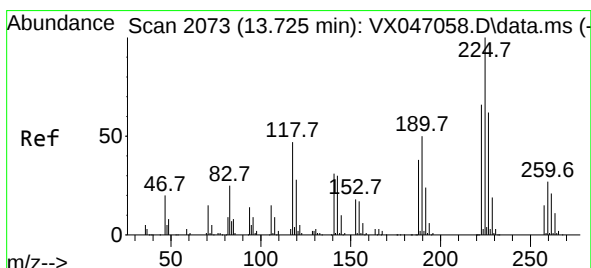
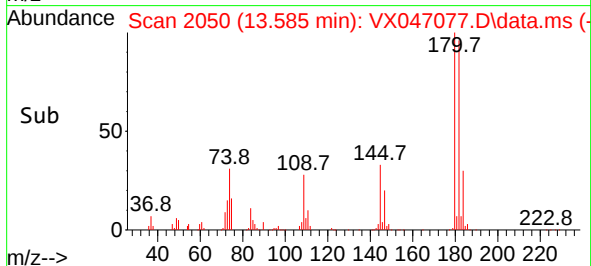
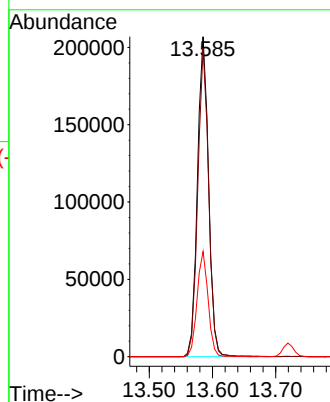
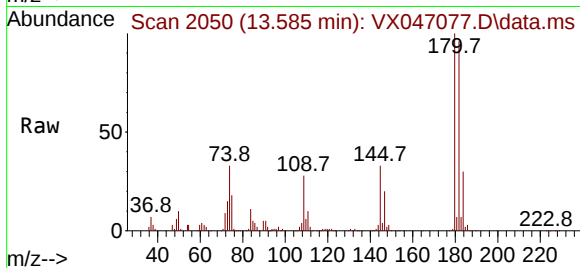
145 32.4 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#94

Hexachlorobutadiene

Concen: 49.769 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

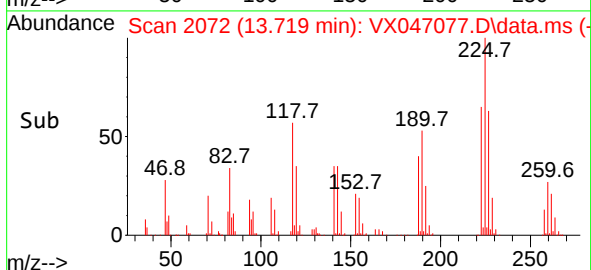
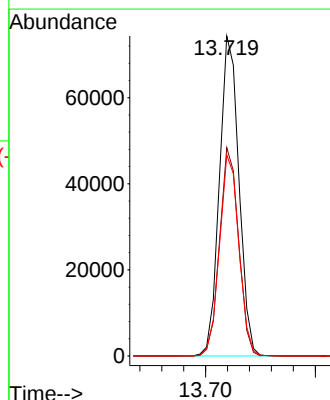
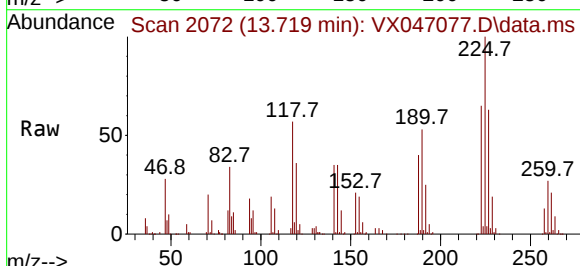
Tgt Ion:225 Resp: 91731

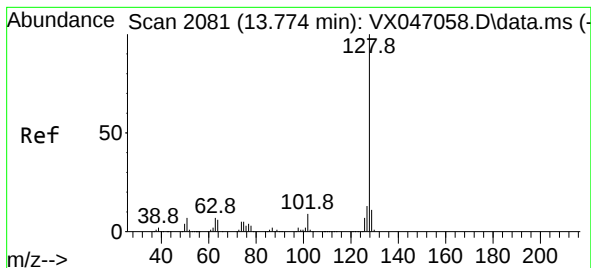
Ion Ratio Lower Upper

225 100

223 63.6 31.6 95.0

227 62.5 32.9 98.6





#95

Naphthalene

Concen: 47.032 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.001 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

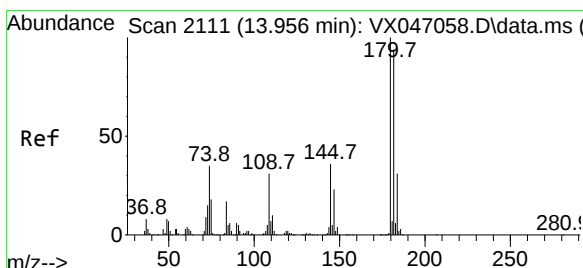
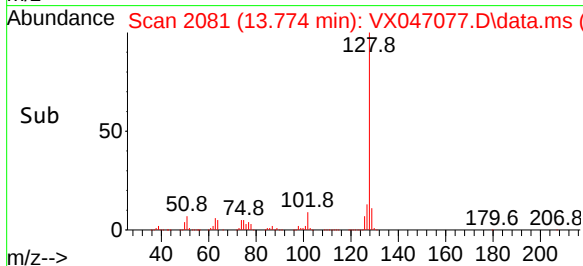
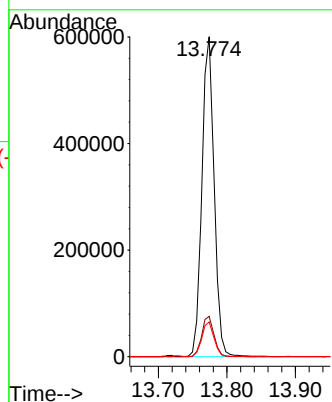
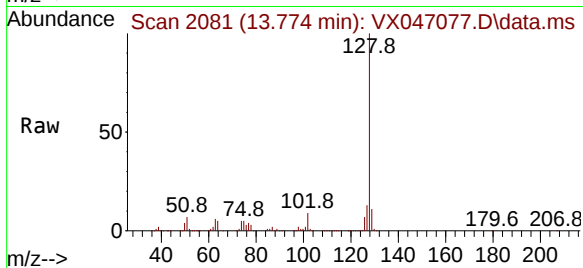
Tgt Ion:	128	Resp:	747230
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#96

1,2,3-Trichlorobenzene

Concen: 46.073 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047077.D

Acq: 23 Jul 2025 09:30

Tgt Ion:	180	Resp:	240553
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.9	140.6
145	34.8	17.3	52.0

