

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047152.D
 Acq On : 28 Jul 2025 09:23
 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 07/29/2025
 Supervised By : Mahesh Dadoda 07/29/2025

Quant Time: Jul 29 02:09:41 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	347966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	509126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202916	46.814	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.391	113	177067	49.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	8.647	98	526682	45.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.260%#		
62) 4-Bromofluorobenzene	11.079	95	234836	46.695	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	234453	50.727	ug/l	98
3) Chloromethane	1.313	50	192053	42.008	ug/l	97
4) Vinyl Chloride	1.392	62	249970	50.863	ug/l	99
5) Bromomethane	1.630	94	124616	46.679	ug/l	98
6) Chloroethane	1.703	64	140895	43.650	ug/l	97
7) Trichlorofluoromethane	1.904	101	358211	48.881	ug/l	96
8) Diethyl Ether	2.142	74	123686	47.869	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	213840	48.434	ug/l	100
10) Methyl Iodide	2.471	142	297054	66.016	ug/l	99
11) Tert butyl alcohol	2.953	59	104035	203.399	ug/l	99
12) 1,1-Dichloroethene	2.337	96	207774	47.514	ug/l	98
13) Acrolein	2.246	56	229581	245.986	ug/l	99
14) Allyl chloride	2.678	41	358255	45.322	ug/l	95
15) Acrylonitrile	3.075	53	452733	219.000	ug/l	100
16) Acetone	2.386	43	492008	283.344	ug/l	100
17) Carbon Disulfide	2.526	76	563714	44.560	ug/l	99
18) Methyl Acetate	2.709	43	225072	48.775	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	643560	48.357	ug/l	98
20) Methylene Chloride	2.800	84	218192	45.675	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	208630	46.623	ug/l	99
22) Diisopropyl ether	3.764	45	731167	48.111	ug/l	97
23) Vinyl Acetate	3.727	43	2918062	239.393	ug/l	100
24) 1,1-Dichloroethane	3.617	63	397582	47.046	ug/l	100
25) 2-Butanone	4.556	43	567068	224.280	ug/l	99
26) 2,2-Dichloropropane	4.483	77	330199	50.475	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	243684	45.987	ug/l	99
28) Bromochloromethane	4.904	49	182498	46.939	ug/l	99
29) Tetrahydrofuran	5.007	42	334587	205.097	ug/l	98
30) Chloroform	5.093	83	393579	45.752	ug/l	100
31) Cyclohexane	5.477	56	357107	44.070	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	350193	46.868	ug/l	99
36) 1,1-Dichloropropene	5.702	75	266657	43.412	ug/l	99
37) Ethyl Acetate	4.715	43	249047	44.001	ug/l	100
38) Carbon Tetrachloride	5.684	117	298960	45.601	ug/l	99
39) Methylcyclohexane	7.385	83	345212	45.012	ug/l	98
40) Benzene	6.044	78	801930	45.112	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	129571m	43.782	ug/l	
42) 1,2-Dichloroethane	6.086	62	285625	45.613	ug/l	98
43) Isopropyl Acetate	6.336	43	409240	46.379	ug/l	99
44) Trichloroethene	7.129	130	200167	43.911	ug/l	97
45) 1,2-Dichloropropane	7.428	63	202882	45.568	ug/l	98
46) Dibromomethane	7.580	93	144317	46.223	ug/l	99
47) Bromodichloromethane	7.818	83	309460	46.566	ug/l	97
48) Methyl methacrylate	7.690	41	209392	43.560	ug/l	99
49) 1,4-Dioxane	7.720	88	46784	855.709	ug/l #	91
51) 4-Methyl-2-Pentanone	8.568	43	1117833	213.132	ug/l	100
52) Toluene	8.714	92	490903	44.912	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	299012	47.648	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	323069	47.037	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	183401	44.741	ug/l	98
56) Ethyl methacrylate	9.116	69	286972	47.289	ug/l	100
57) 1,3-Dichloropropane	9.305	76	314556	44.153	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	725686	214.896	ug/l	100
59) 2-Hexanone	9.427	43	772694	222.991	ug/l	99
60) Dibromochloromethane	9.519	129	223434	46.475	ug/l	99
61) 1,2-Dibromoethane	9.604	107	184928	43.145	ug/l	98
64) Tetrachloroethene	9.269	164	161651	44.044	ug/l	93
65) Chlorobenzene	10.073	112	534465	44.811	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	186922	46.549	ug/l	99
67) Ethyl Benzene	10.189	91	952979	45.698	ug/l	98
68) m/p-Xylenes	10.299	106	707744	90.690	ug/l	100
69) o-Xylene	10.640	106	339720	45.759	ug/l	99
70) Styrene	10.653	104	593341	46.608	ug/l	99
71) Bromoform	10.799	173	141410	46.358	ug/l	100
73) Isopropylbenzene	10.957	105	902188	47.859	ug/l	100
74) N-amyl acetate	10.842	43	348863	45.866	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	243932	45.301	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	199438m	45.094	ug/l	
77) Bromobenzene	11.195	156	213486	47.216	ug/l	99
78) n-propylbenzene	11.299	91	1065137	47.283	ug/l	100
79) 2-Chlorotoluene	11.360	91	628663	46.686	ug/l	98
80) 1,3,5-Trimethylbenzene	11.445	105	735251	47.211	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	56166	32.719	ug/l	99
82) 4-Chlorotoluene	11.451	91	742930	47.268	ug/l	99
83) tert-Butylbenzene	11.713	119	751394	48.070	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	735683	47.360	ug/l	99
85) sec-Butylbenzene	11.890	105	913056	46.750	ug/l	100
86) p-Isopropyltoluene	12.006	119	769018	47.481	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	394408	45.908	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	396440	45.547	ug/l	97
89) n-Butylbenzene	12.329	91	717648	47.248	ug/l	99
90) Hexachloroethane	12.536	117	144057	49.718	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	370762	45.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48536	46.958	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	249966	46.076	ug/l	99
94) Hexachlorobutadiene	13.719	225	84859	45.994	ug/l	98
95) Naphthalene	13.774	128	736500	46.309	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	238122	45.561	ug/l	99

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VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

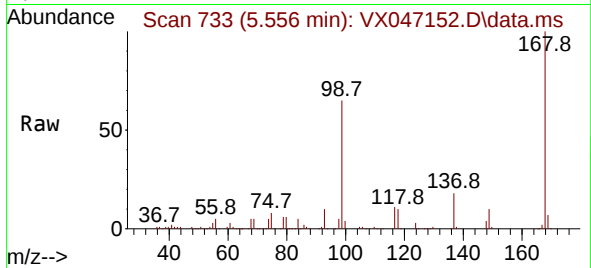
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

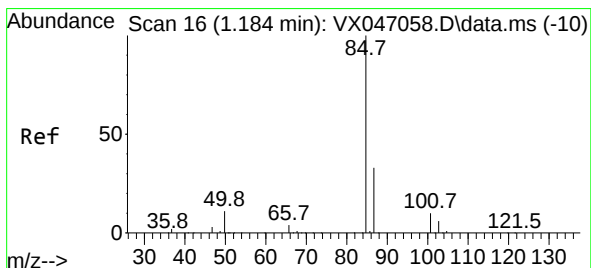
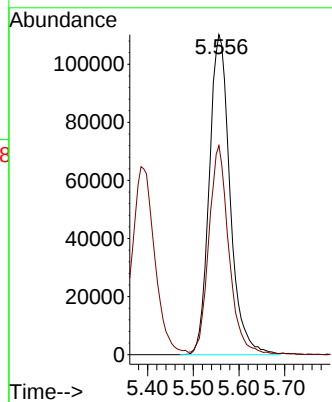
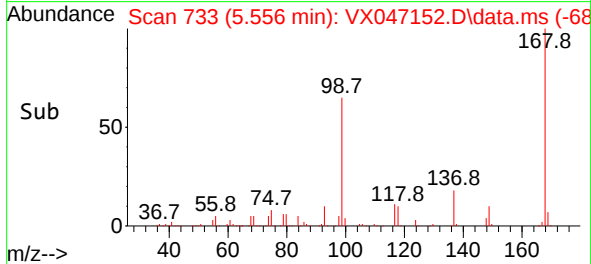
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 347960
Ion Ratio Lower Upper
168 100
99 65.0 48.0 72.0

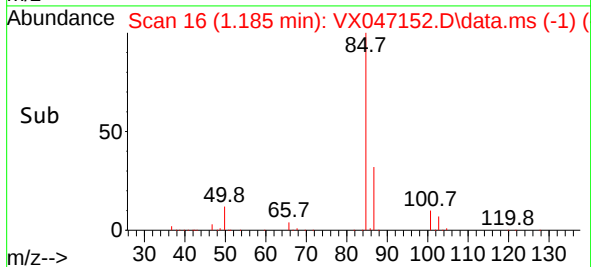
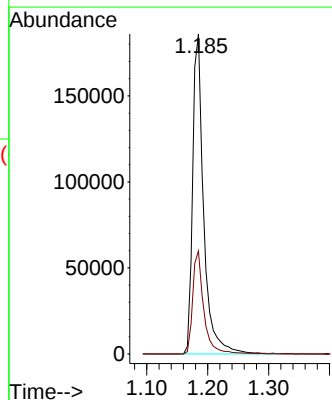
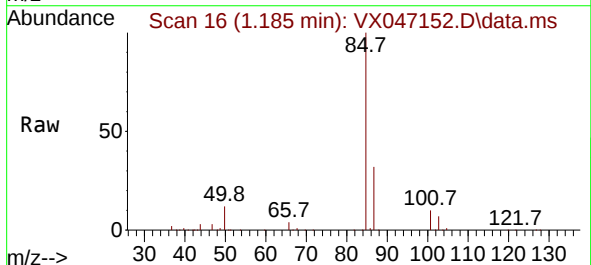
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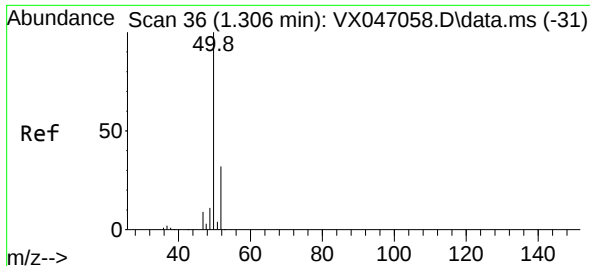
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#2
Dichlorodifluoromethane
Concen: 50.727 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

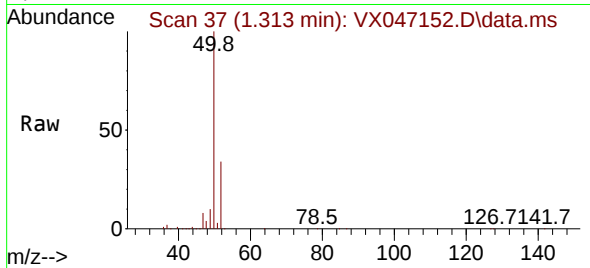
Tgt Ion: 85 Resp: 234453
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.8





#3
Chloromethane
Concen: 42.008 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

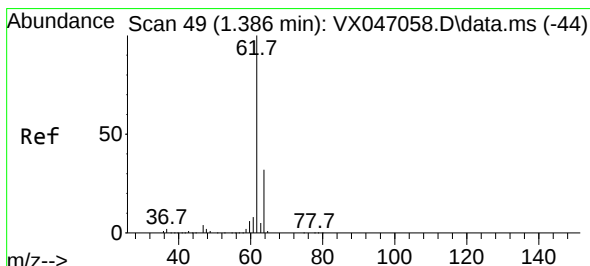
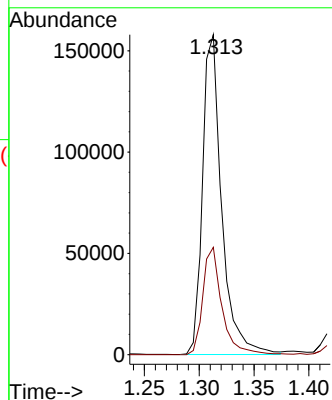
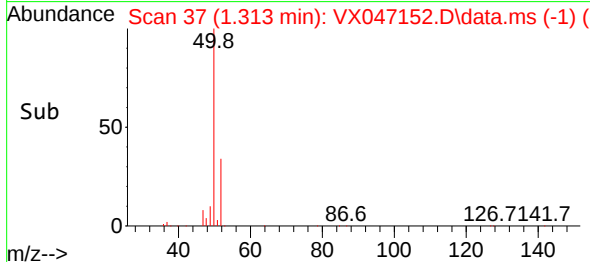
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 19205
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

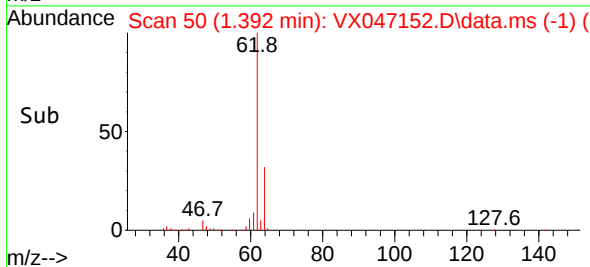
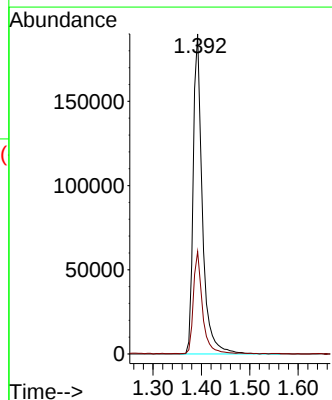
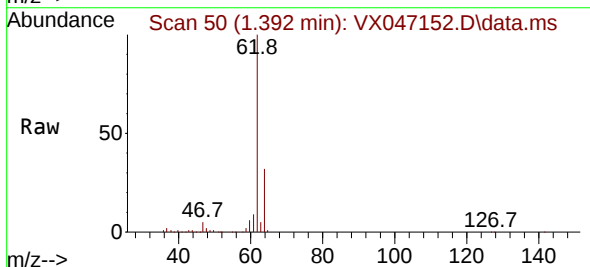
Manual Integrations
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Reviewed By :John Carlone 07/29/2025
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#4
Vinyl Chloride
Concen: 50.863 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

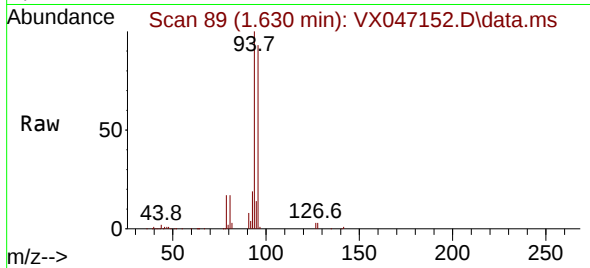
Tgt Ion: 62 Resp: 249970
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8





#5
Bromomethane
Concen: 46.679 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

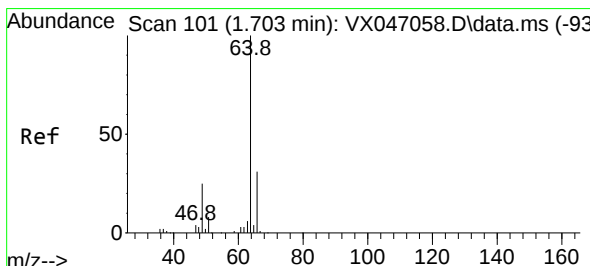
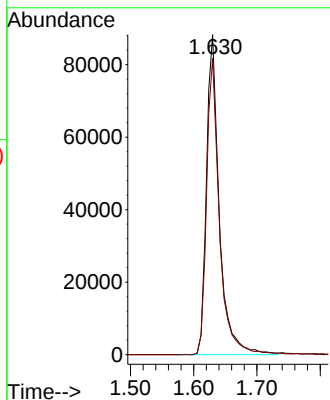
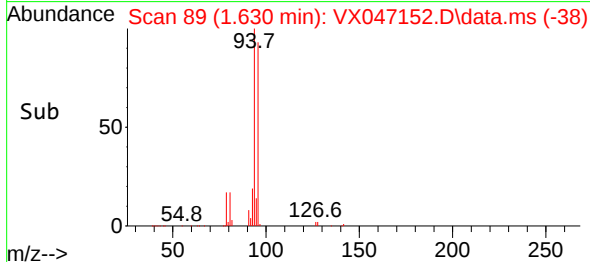
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 124610
Ion Ratio Lower Upper
94 100
96 92.6 72.3 108.5

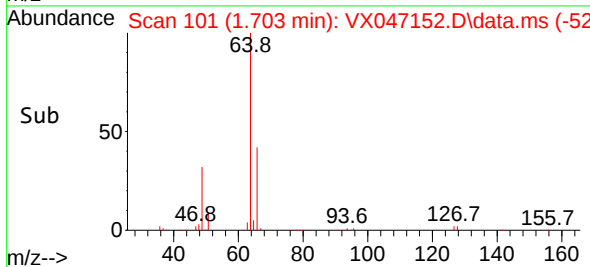
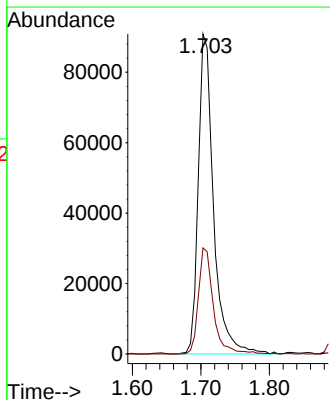
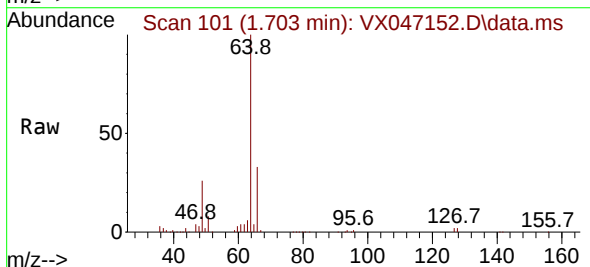
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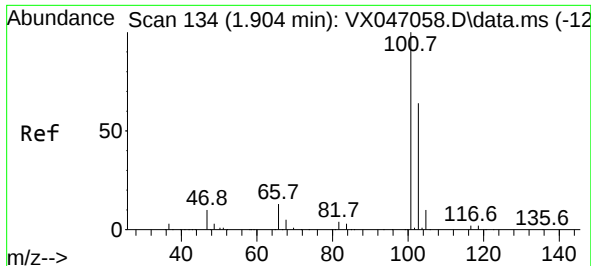
Reviewed By :John Carlone 07/29/2025
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#6
Chloroethane
Concen: 43.650 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

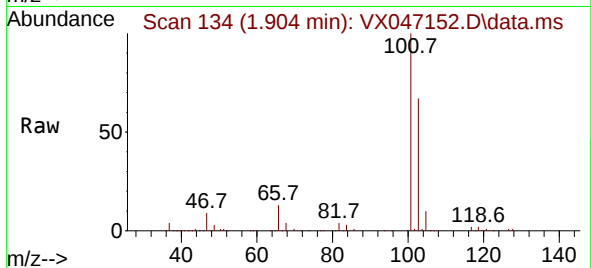
Tgt Ion: 64 Resp: 140895
Ion Ratio Lower Upper
64 100
66 33.1 25.0 37.6





#7
Trichlorofluoromethane
Concen: 48.881 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047152.D
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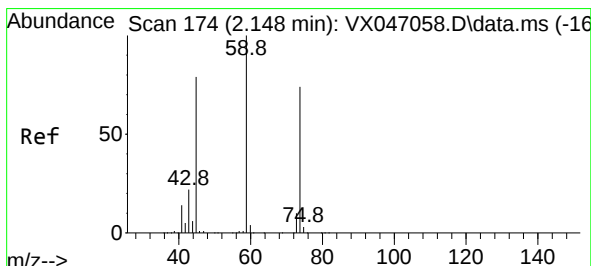
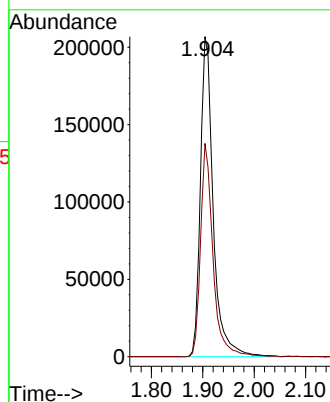
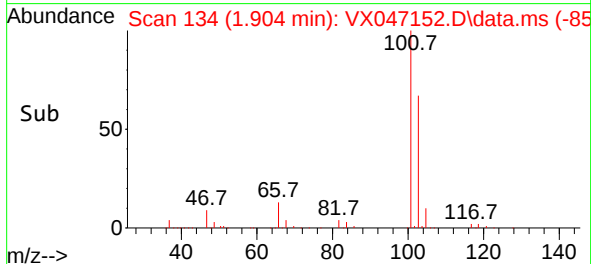
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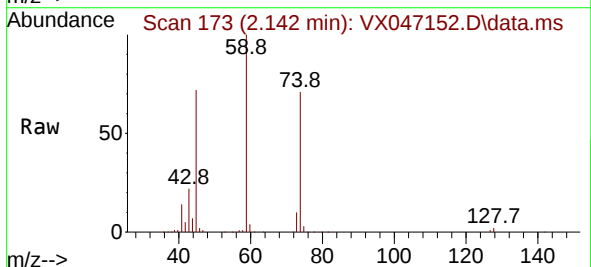
Tgt Ion:101 Resp: 35821
Ion Ratio Lower Upper
101 100
103 66.7 50.9 76.3

Manual Integrations
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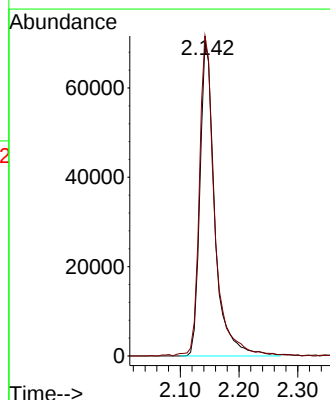
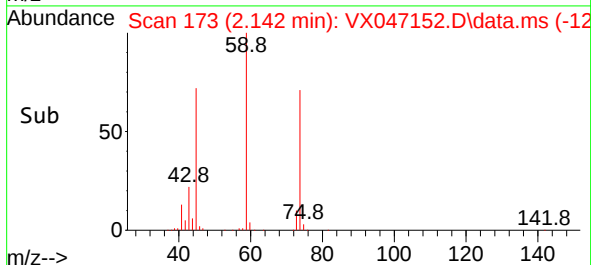
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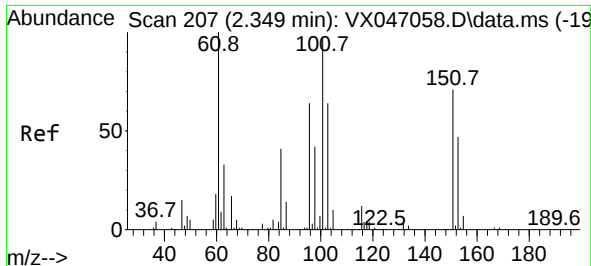


#8
Diethyl Ether
Concen: 47.869 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



Tgt Ion: 74 Resp: 123686
Ion Ratio Lower Upper
74 100
45 105.2 53.0 159.0





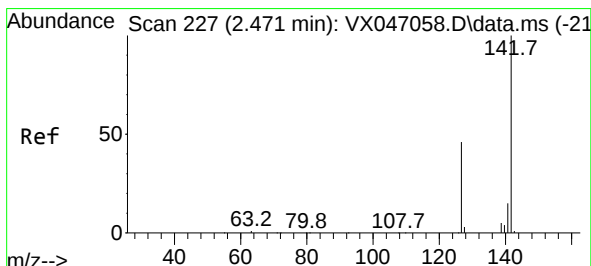
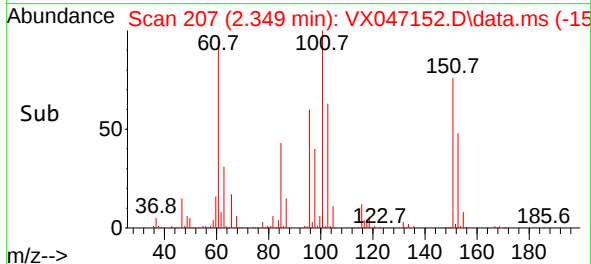
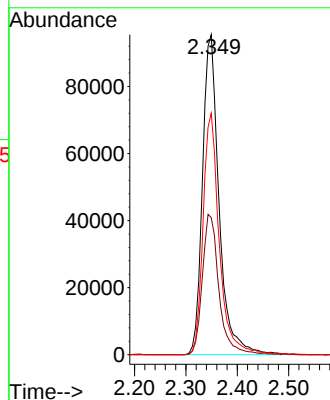
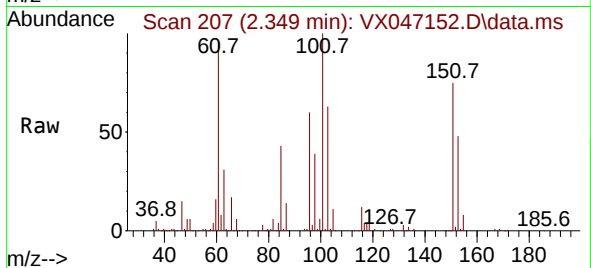
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.434 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047152.D
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Tgt Ion:101 Resp: 213840
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 73.7 59.2 88.8

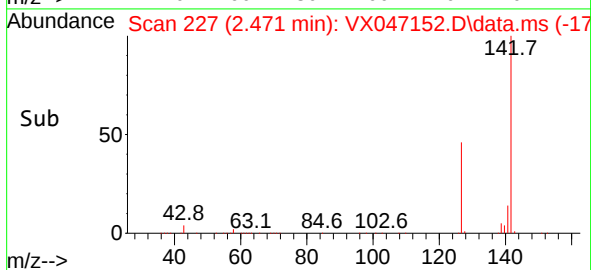
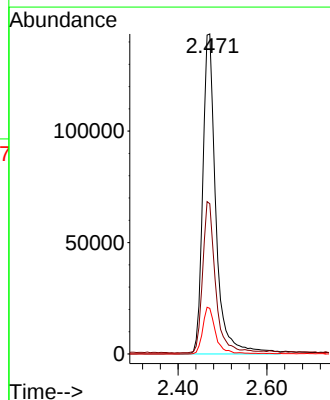
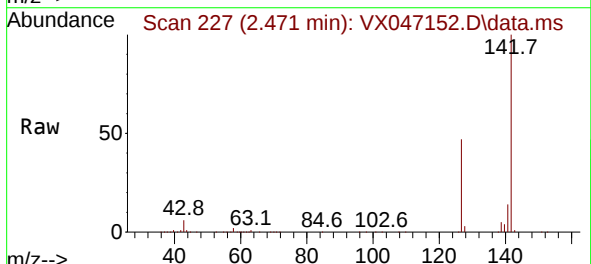
Manual Integrations
APPROVED

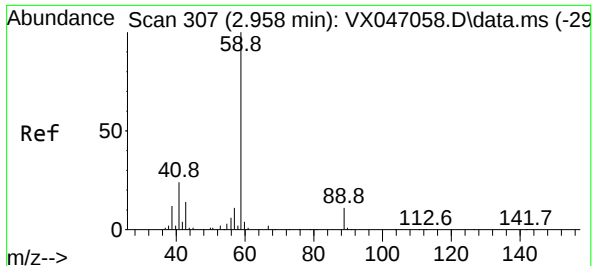
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#10
Methyl Iodide
Concen: 66.016 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion:142 Resp: 297054
Ion Ratio Lower Upper
142 100
127 46.5 36.6 54.8
141 14.3 10.9 16.3





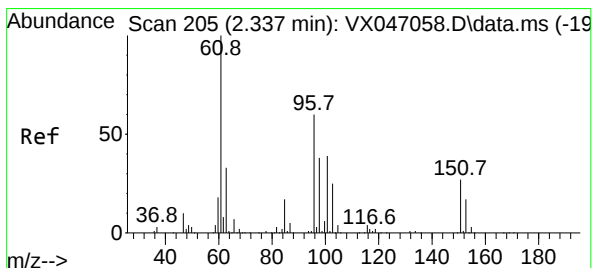
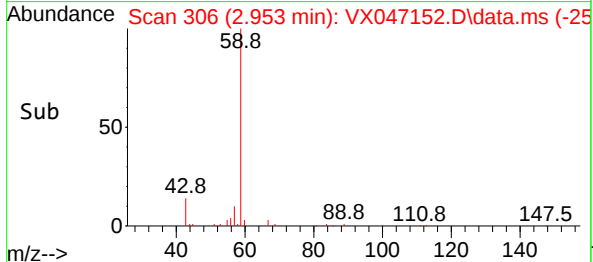
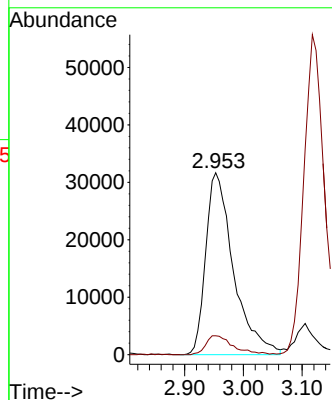
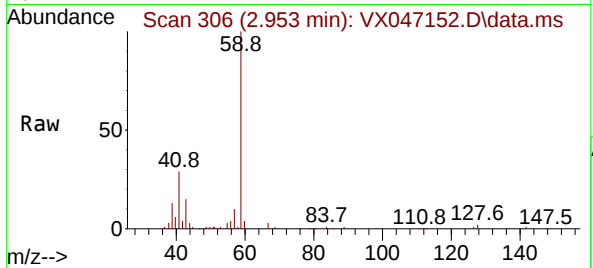
#11
Tert butyl alcohol
Concen: 203.399 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 104035
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

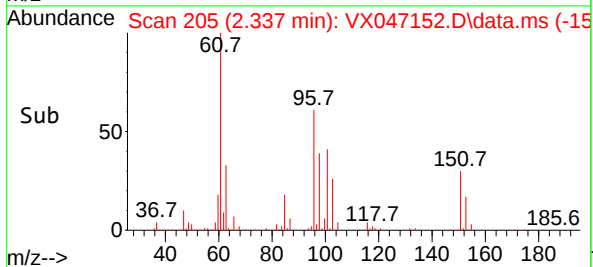
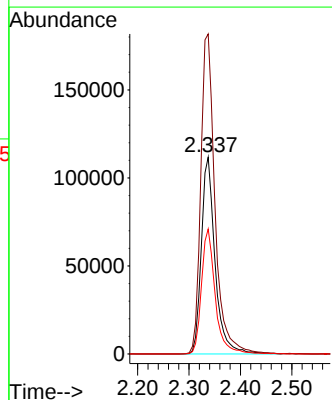
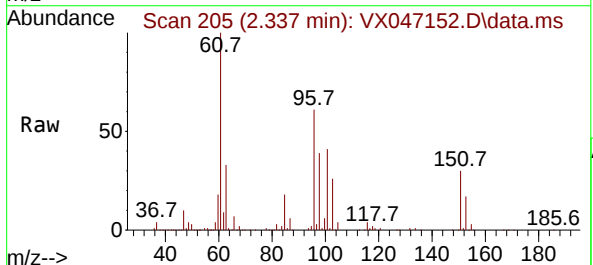
Manual Integrations
APPROVED

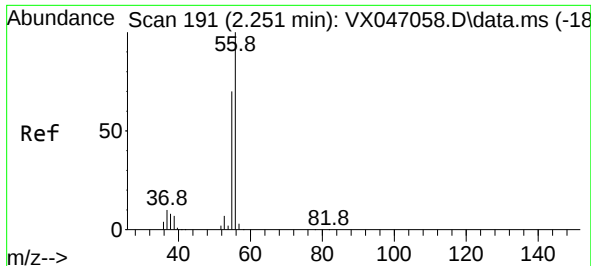
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#12
1,1-Dichloroethene
Concen: 47.514 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

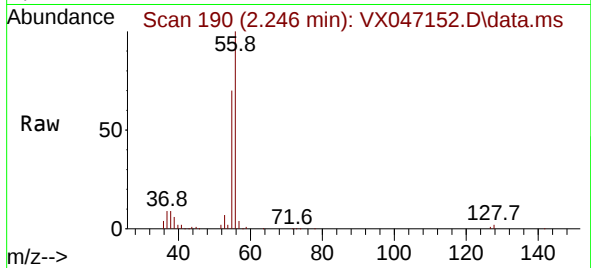
Tgt Ion: 96 Resp: 207774
Ion Ratio Lower Upper
96 100
61 162.6 132.6 198.8
98 63.5 50.2 75.4





#13
Acrolein
Concen: 245.986 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

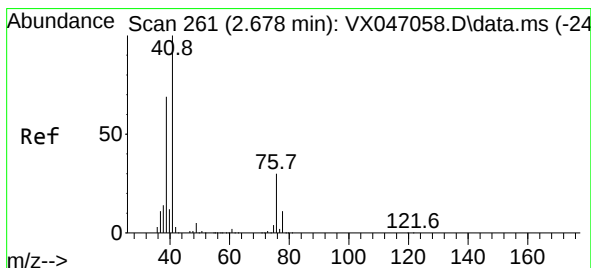
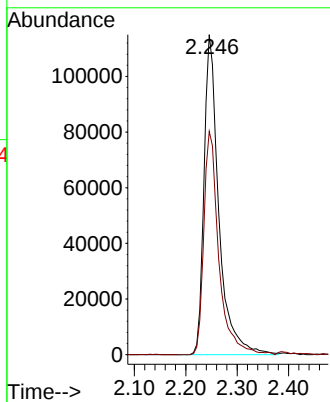
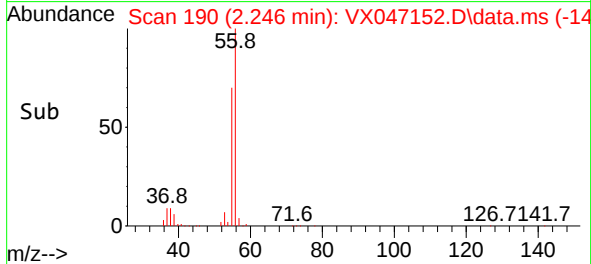
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 22958
Ion Ratio Lower Upper
56 100
55 70.8 55.7 83.5

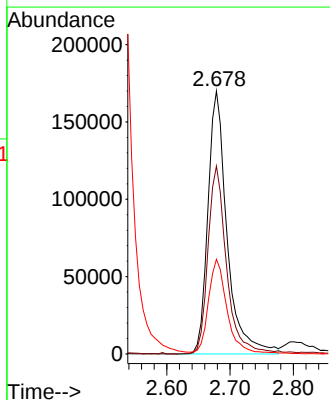
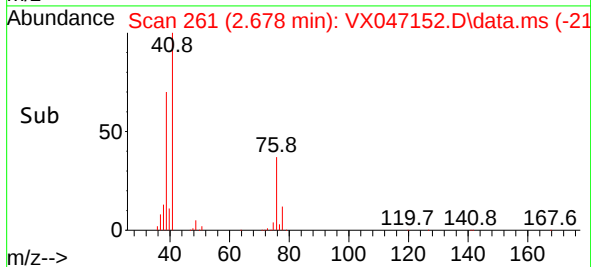
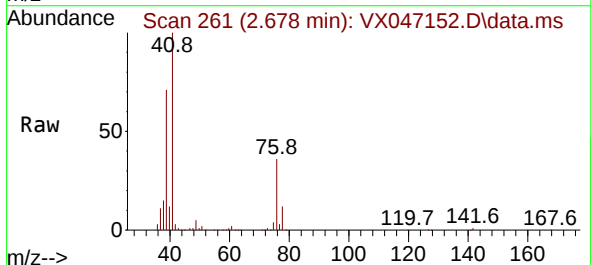
Manual Integrations
APPROVED

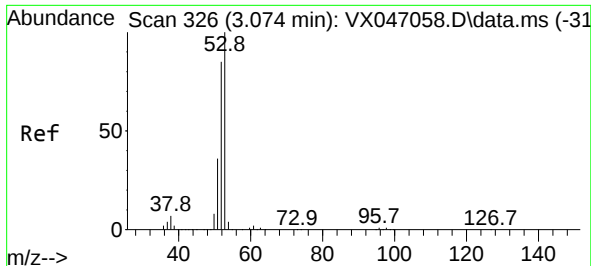
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#14
Allyl chloride
Concen: 45.322 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

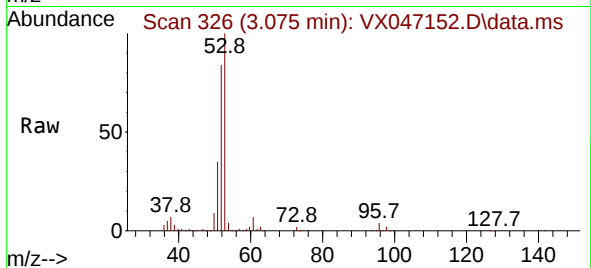
Tgt Ion: 41 Resp: 358255
Ion Ratio Lower Upper
41 100
39 69.8 52.6 78.8
76 35.2 25.7 38.5





#15
Acrylonitrile
Concen: 219.000 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

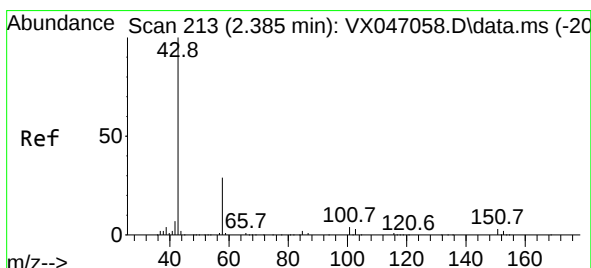
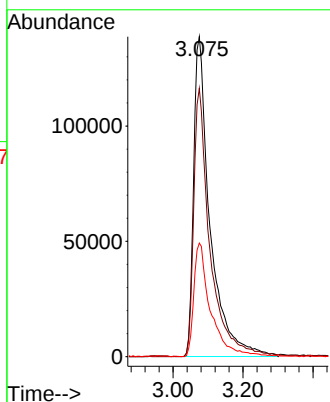
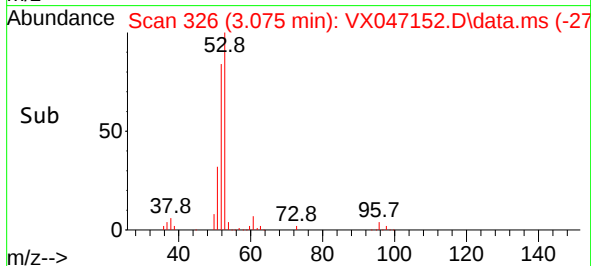
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



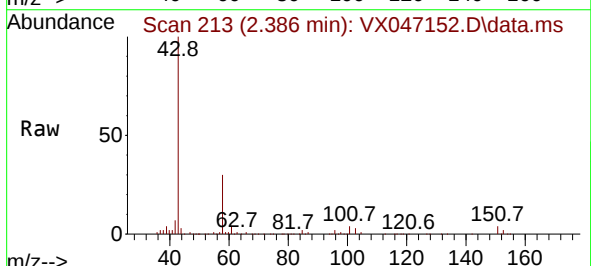
Tgt Ion: 53 Resp: 45273
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 36.2 28.8 43.2

Manual Integrations
APPROVED

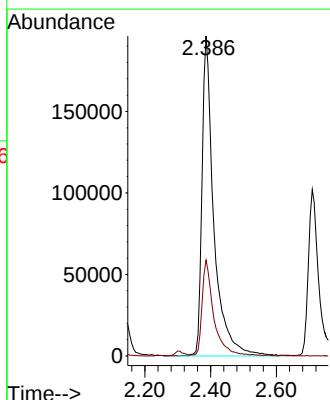
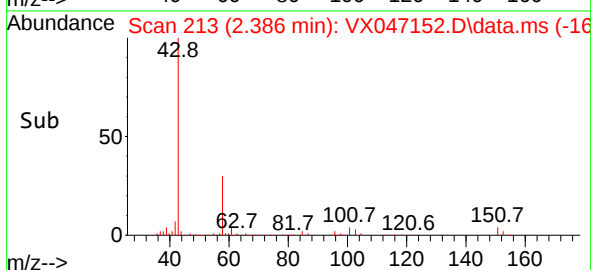
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

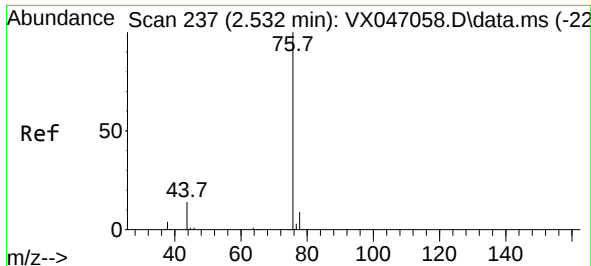


#16
Acetone
Concen: 283.344 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



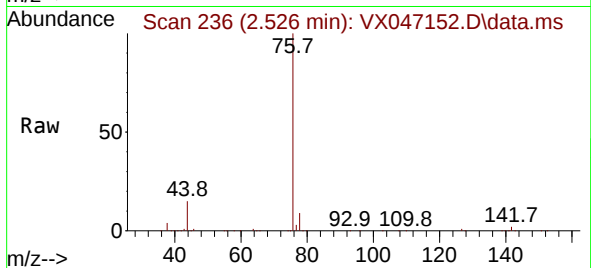
Tgt Ion: 43 Resp: 492008
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0





#17
Carbon Disulfide
Concen: 44.560 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

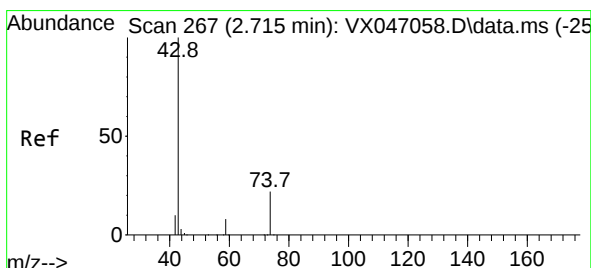
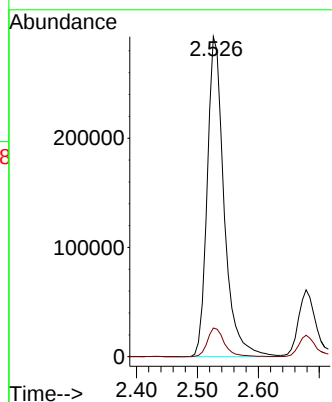
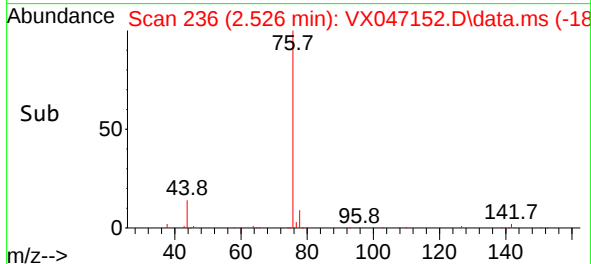
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 563714
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

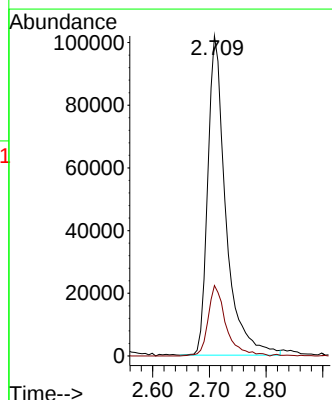
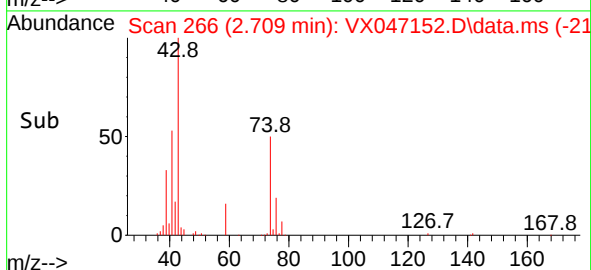
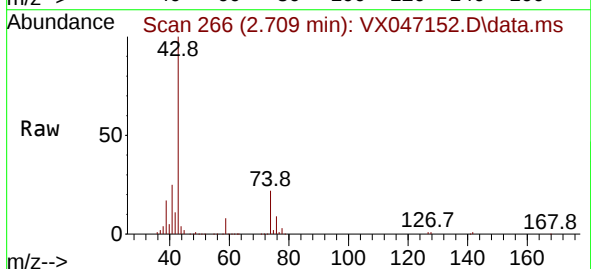
Manual Integrations
APPROVED

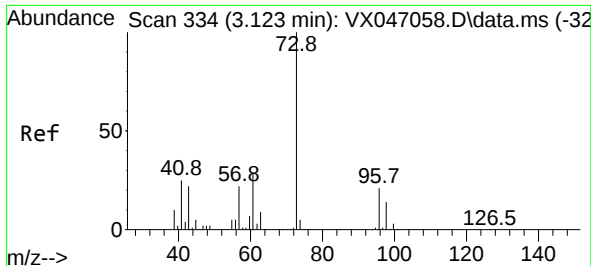
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#18
Methyl Acetate
Concen: 48.775 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion: 43 Resp: 225072
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5





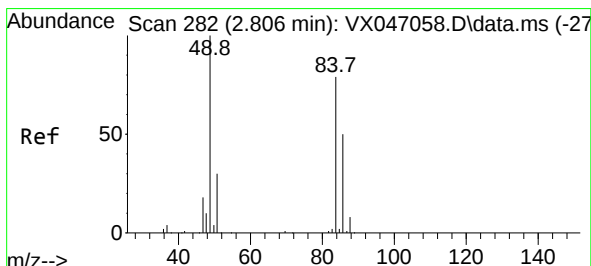
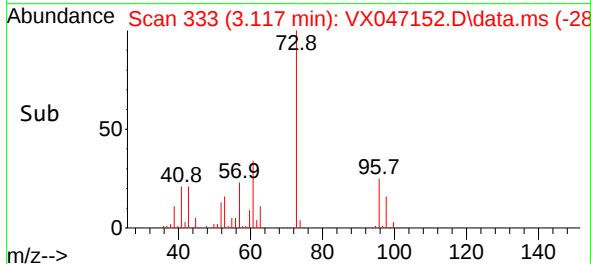
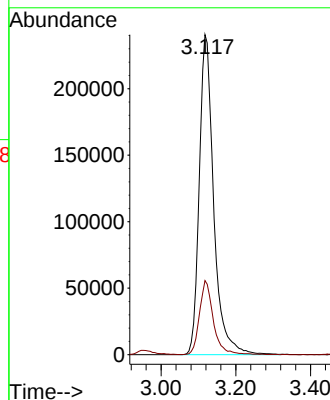
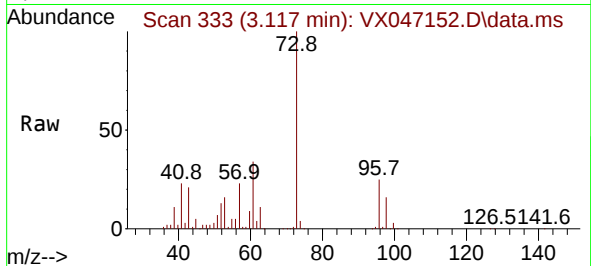
#19
Methyl tert-butyl Ether
Concen: 48.357 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 643560
Ion Ratio Lower Upper
73 100
57 23.1 17.7 26.5

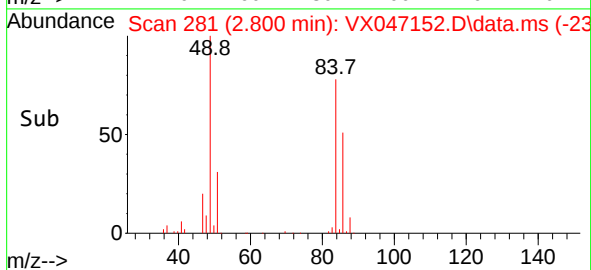
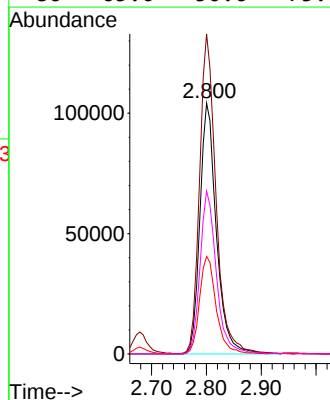
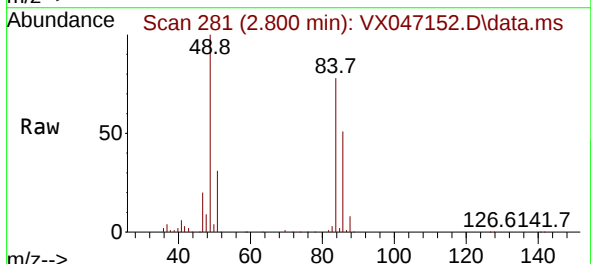
Manual Integrations
APPROVED

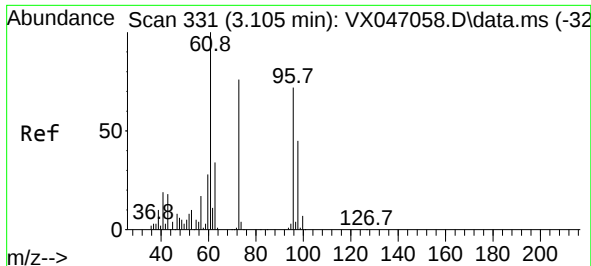
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#20
Methylene Chloride
Concen: 45.675 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

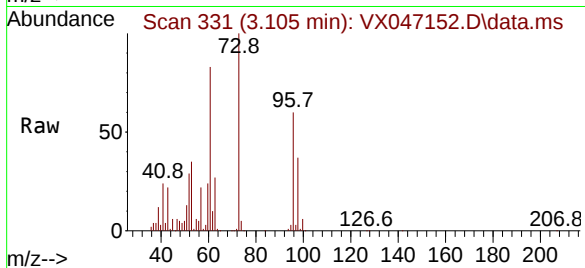
Tgt Ion: 84 Resp: 218192
Ion Ratio Lower Upper
84 100
49 127.4 101.6 152.4
51 38.8 30.3 45.5
86 65.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 46.623 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

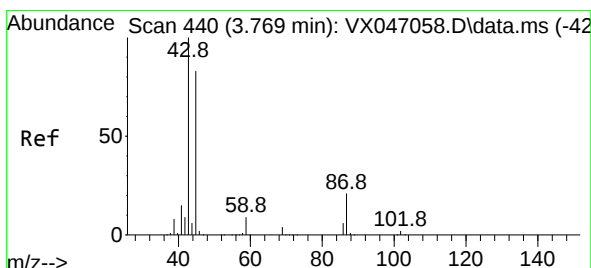
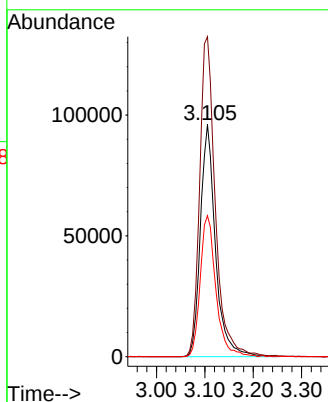
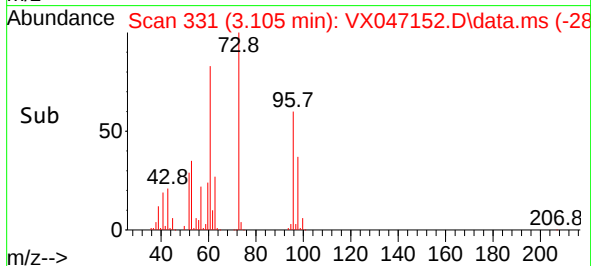
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 208630
Ion Ratio Lower Upper
96 100
61 137.8 111.1 166.7
98 60.7 49.6 74.4

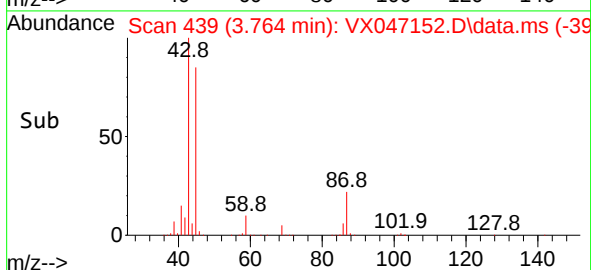
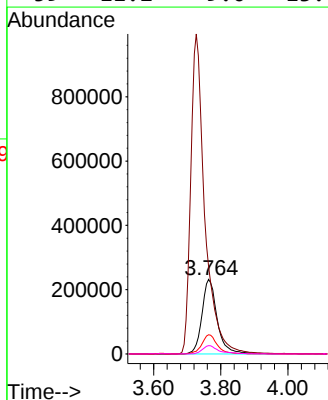
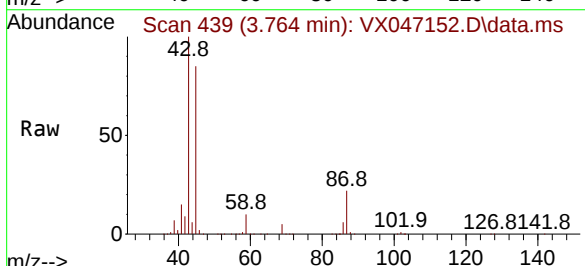
Manual Integrations
APPROVED

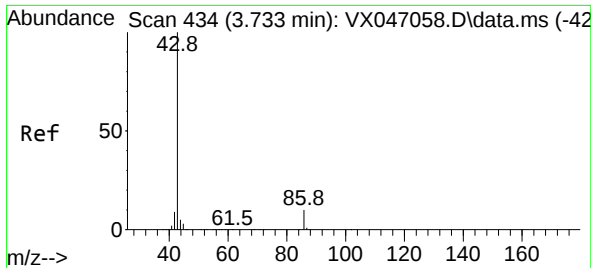
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#22
Diisopropyl ether
Concen: 48.111 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

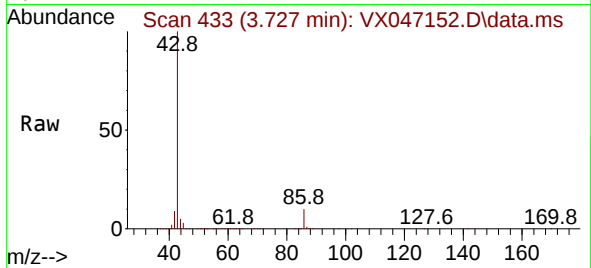
Tgt Ion: 45 Resp: 731167
Ion Ratio Lower Upper
45 100
43 117.1 96.8 145.2
87 25.7 20.5 30.7
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 239.393 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047152.D
 Acq: 28 Jul 2025 09:23

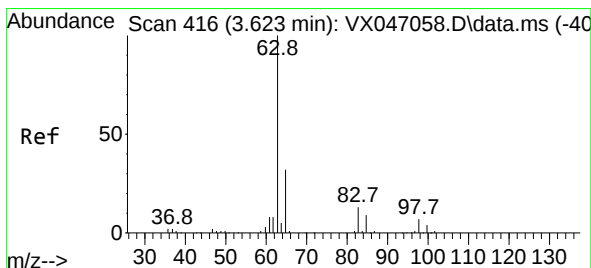
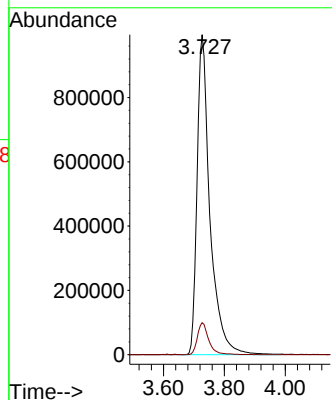
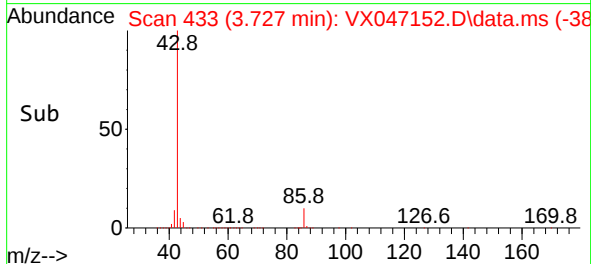
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



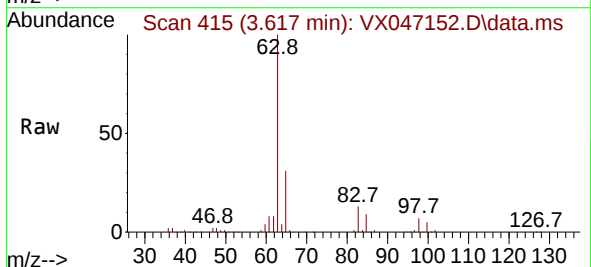
Tgt Ion: 43 Resp: 291806
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

Manual Integrations
 APPROVED

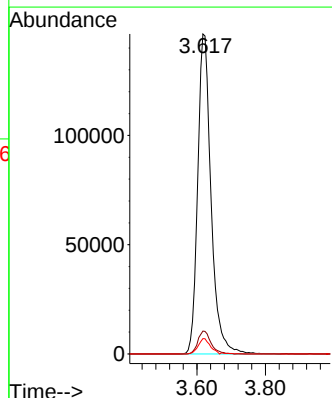
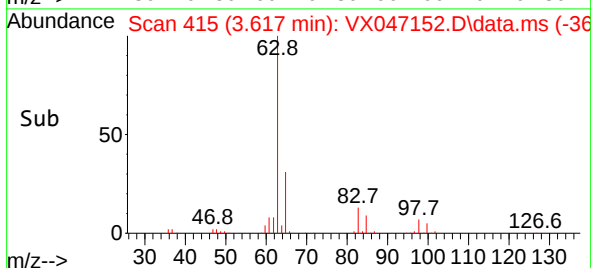
Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025

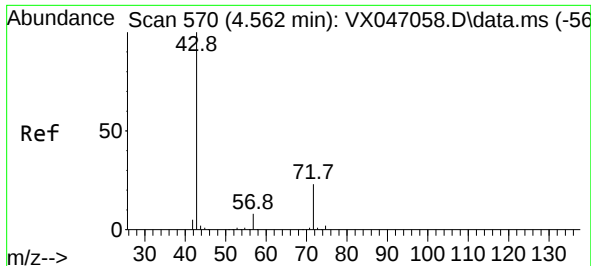


#24
 1,1-Dichloroethane
 Concen: 47.046 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047152.D
 Acq: 28 Jul 2025 09:23



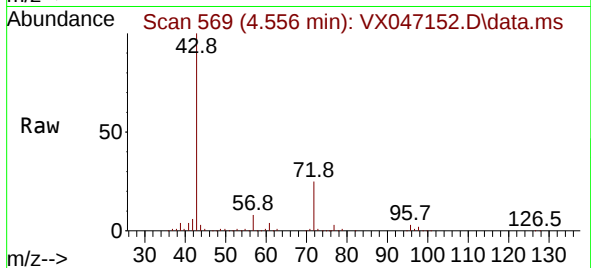
Tgt Ion: 63 Resp: 397582
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 224.280 ug/l
RT: 4.556 min Scan# 567068
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

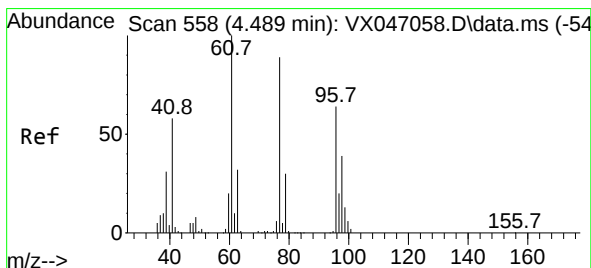
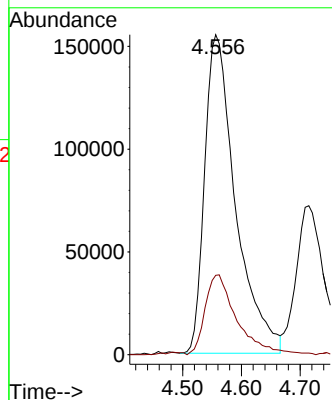
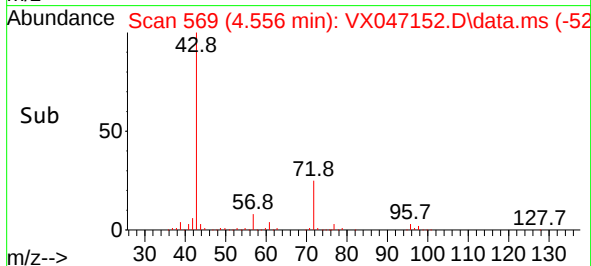
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 567068
Ion Ratio Lower Upper
43 100
72 23.8 18.8 28.2

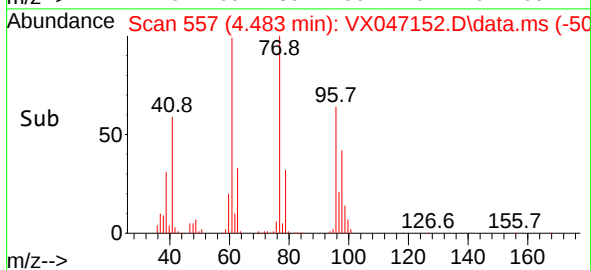
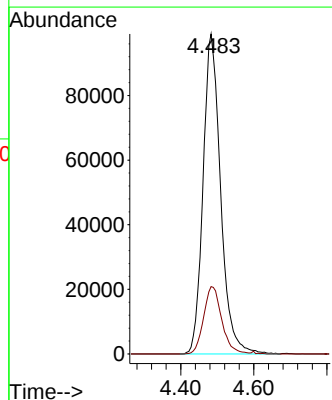
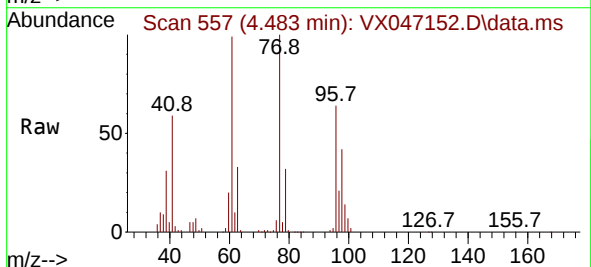
Manual Integrations
APPROVED

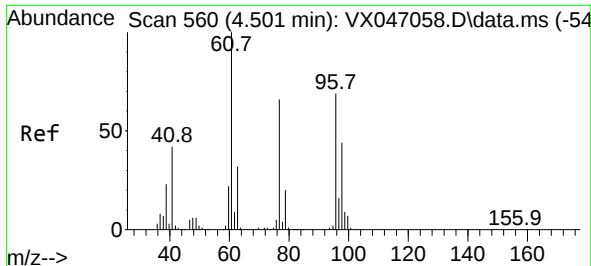
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#26
2,2-Dichloropropane
Concen: 50.475 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion: 77 Resp: 330199
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 45.987 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

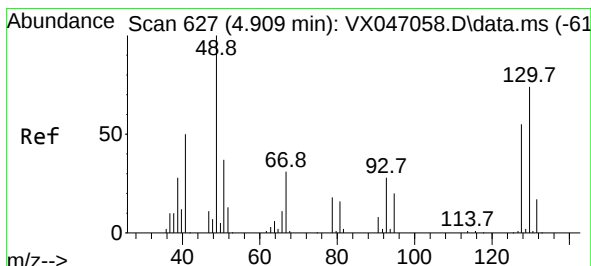
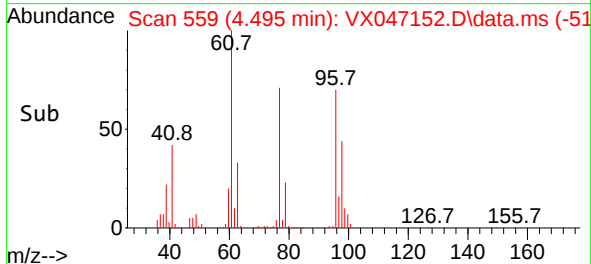
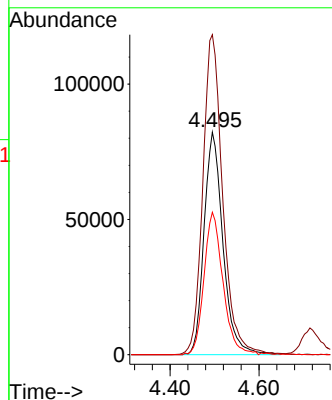
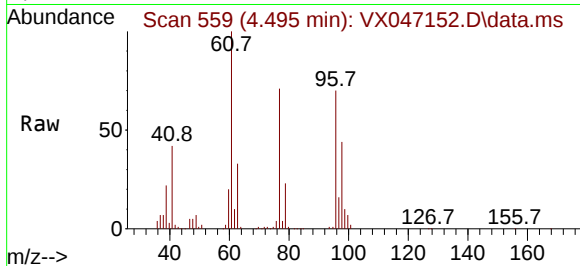
Tgt Ion:	96	Resp:	243684
Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	298.6
98	64.1	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#28

Bromochloromethane

Concen: 46.939 ug/l

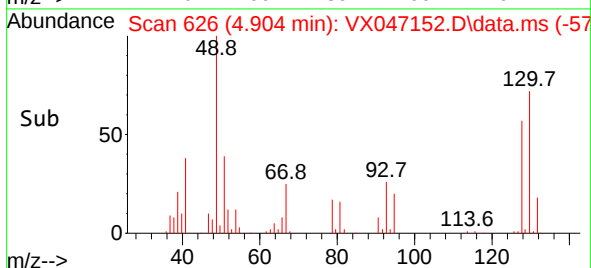
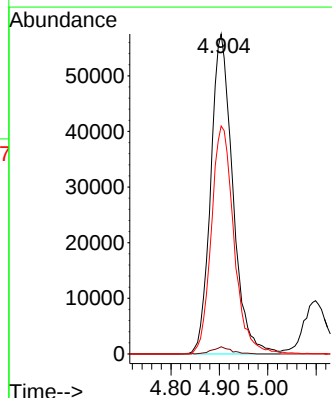
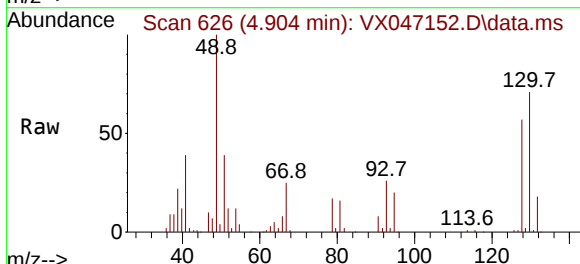
RT: 4.904 min Scan# 626

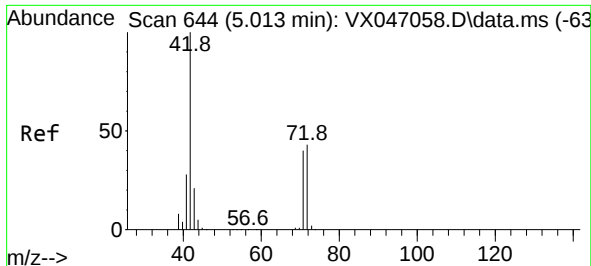
Delta R.T. -0.006 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Tgt Ion:	49	Resp:	182498
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	72.9	59.0	88.4





#29

Tetrahydrofuran

Concen: 205.097 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 33458

Ion Ratio Lower Upper

42 100

72 43.0 33.7 50.5

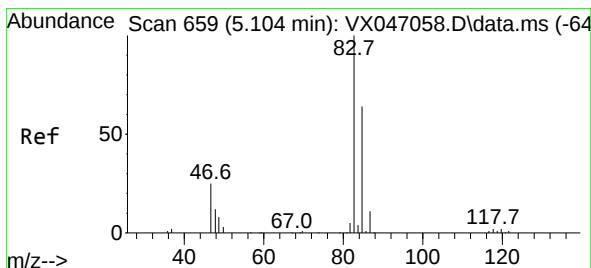
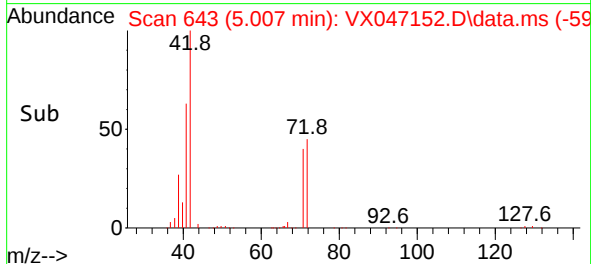
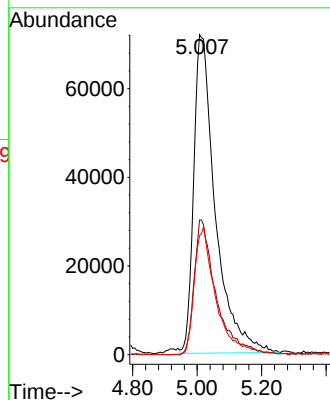
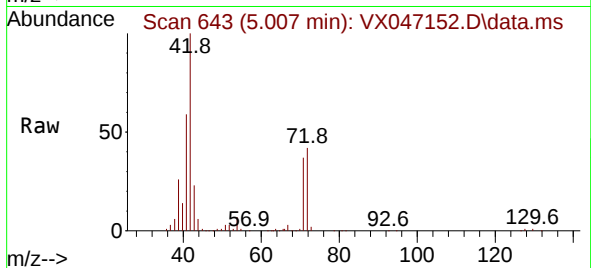
71 39.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#30

Chloroform

Concen: 45.752 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX047152.D

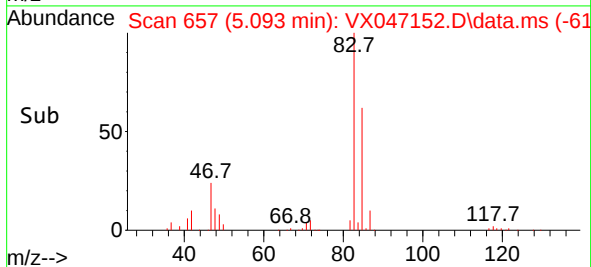
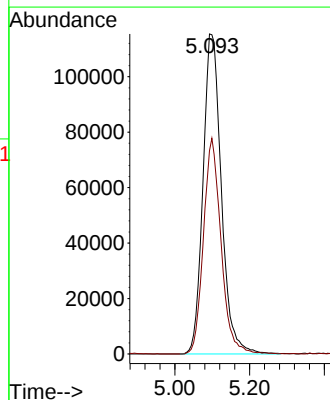
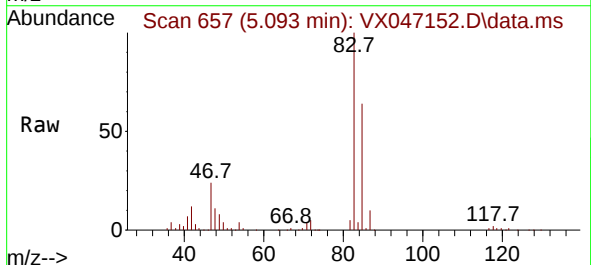
Acq: 28 Jul 2025 09:23

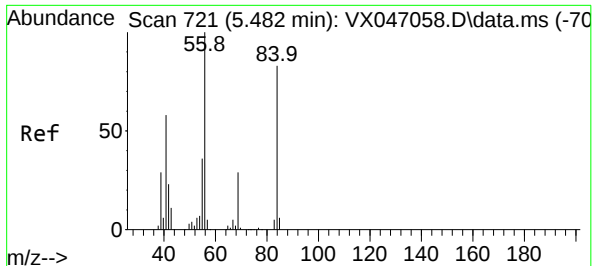
Tgt Ion: 83 Resp: 393579

Ion Ratio Lower Upper

83 100

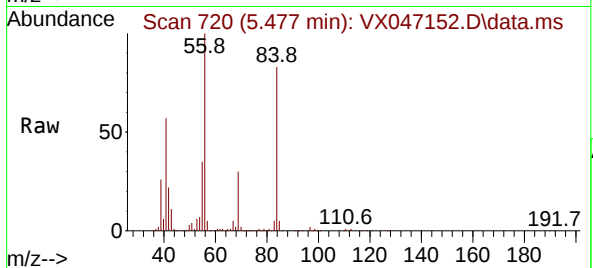
85 63.5 50.9 76.3





#31
Cyclohexane
Concen: 44.070 ug/l
RT: 5.477 min Scan# 710
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

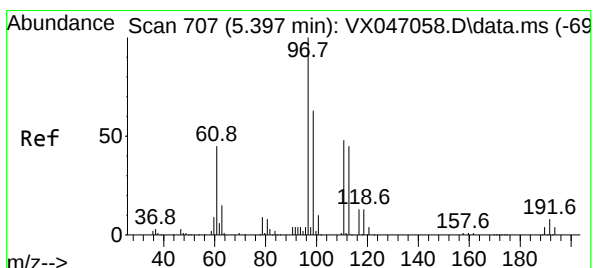
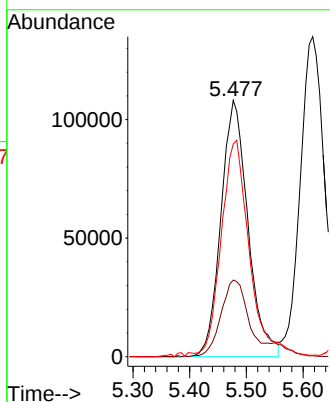
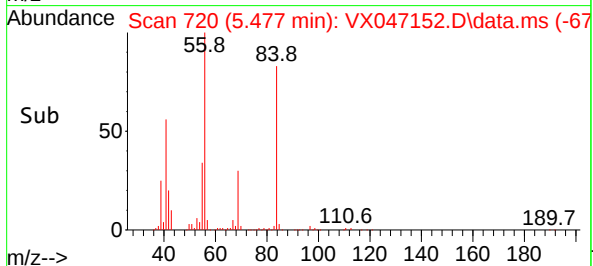
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 35710
Ion Ratio Lower Upper
56 100
69 29.5 23.3 34.9
84 81.6 66.5 99.7

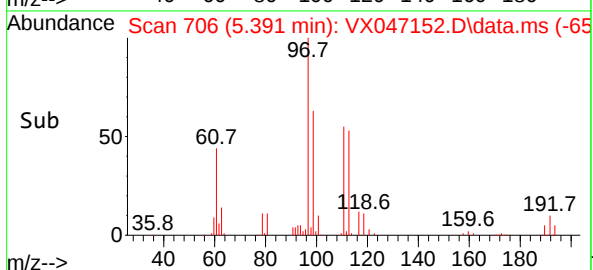
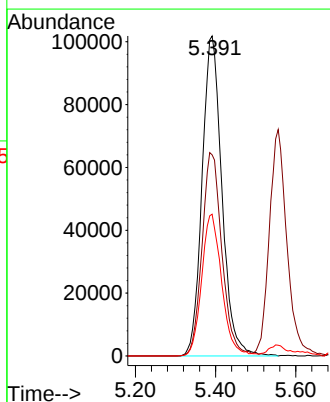
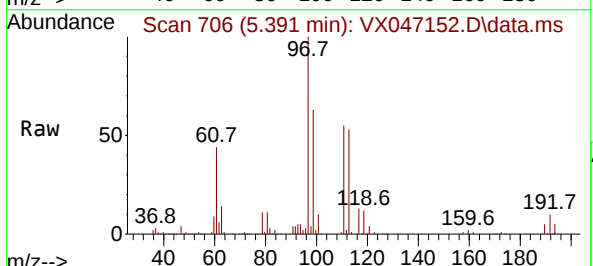
Manual Integrations
APPROVED

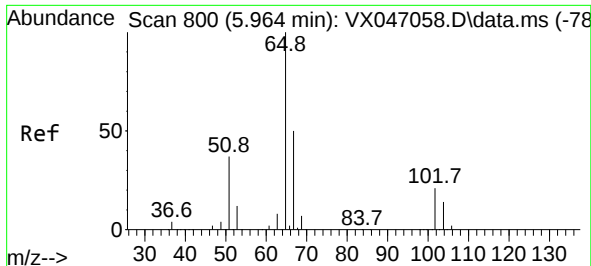
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#32
1,1,1-Trichloroethane
Concen: 46.868 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion: 97 Resp: 350193
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 44.7 37.1 55.7





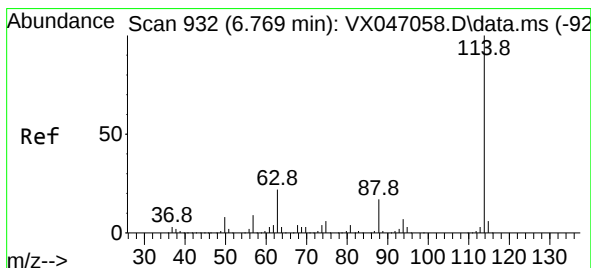
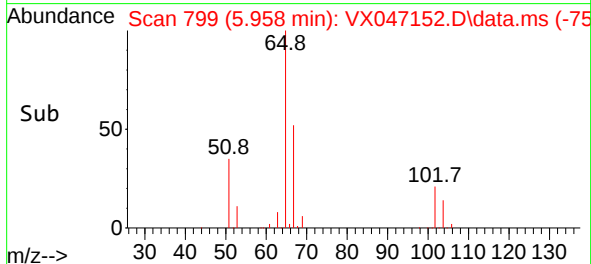
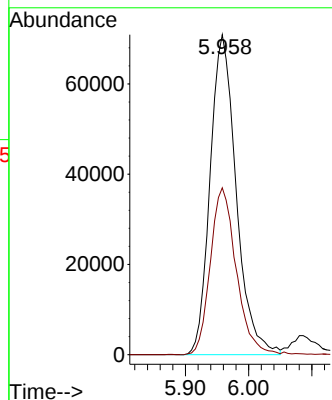
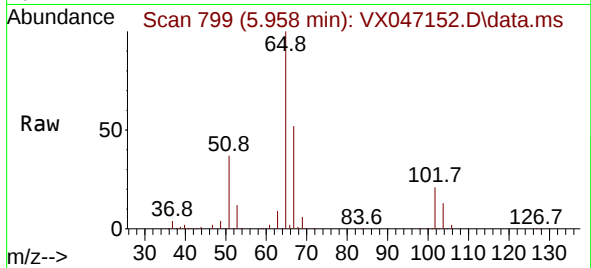
#33
1,2-Dichloroethane-d4
Concen: 46.814 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 202910
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

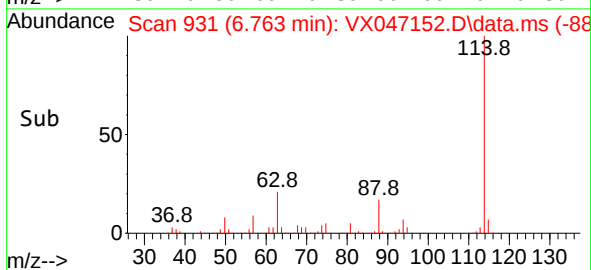
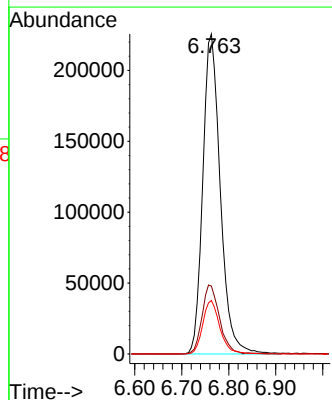
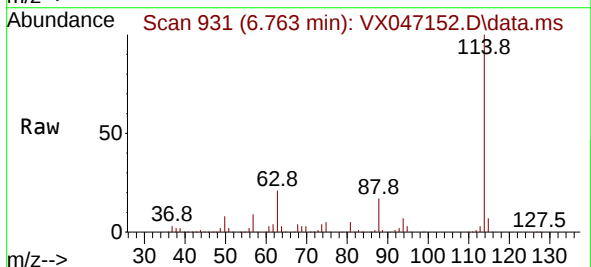
Manual Integrations
APPROVED

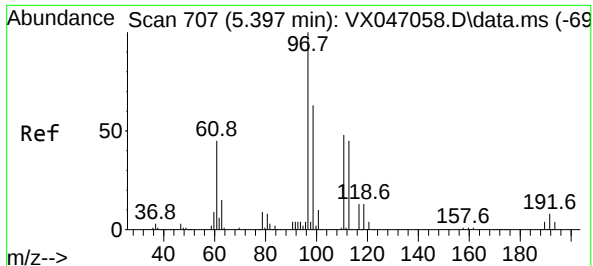
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion:114 Resp: 583631
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.137 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 17706

Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

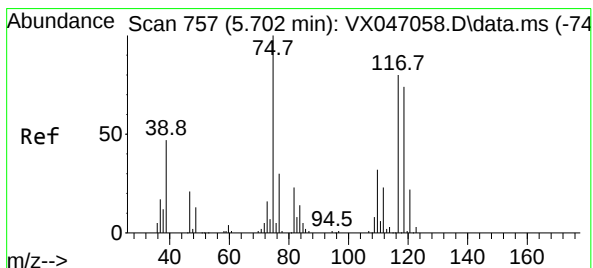
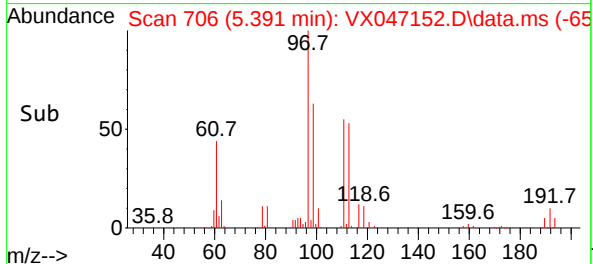
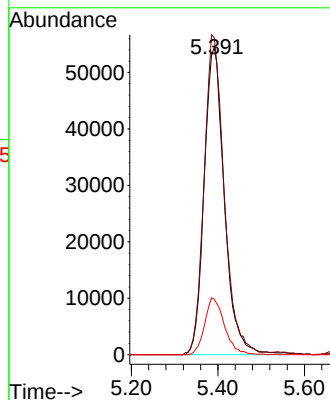
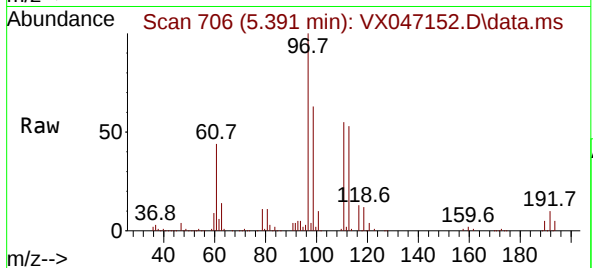
192 18.1 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#36

1,1-Dichloropropene

Concen: 43.412 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.000 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

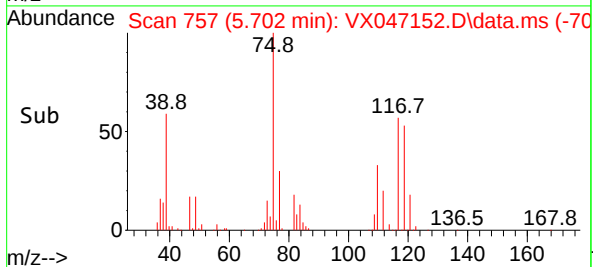
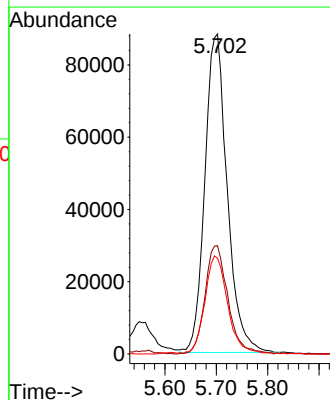
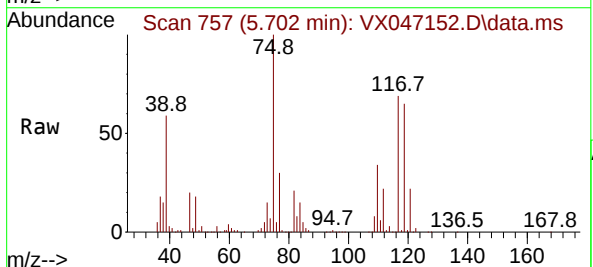
Tgt Ion: 75 Resp: 266657

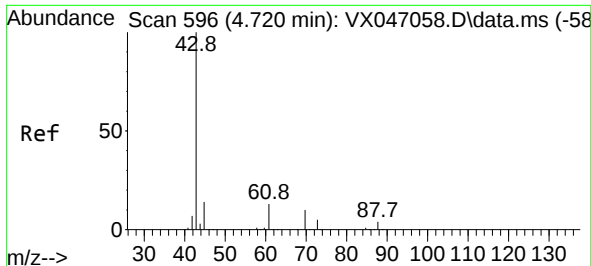
Ion Ratio Lower Upper

75 100

110 34.9 17.2 51.5

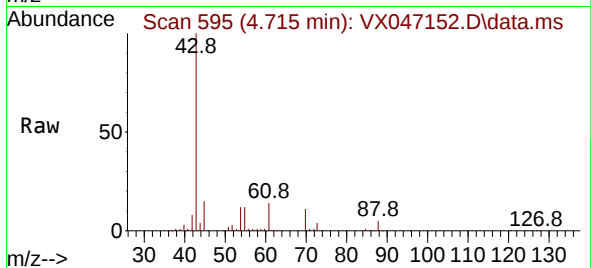
77 31.1 25.1 37.7





#37
Ethyl Acetate
Concen: 44.001 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

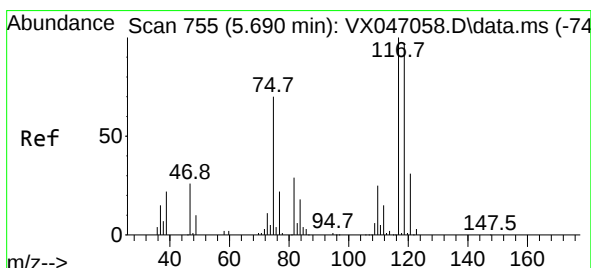
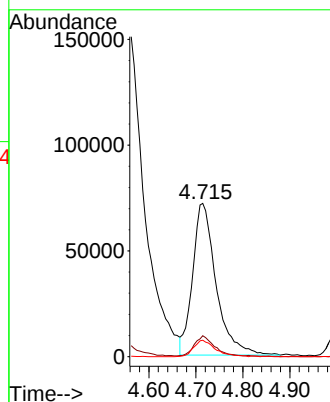
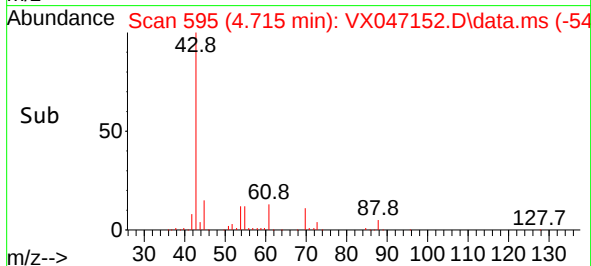
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 24904
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 10.0 8.1 12.1

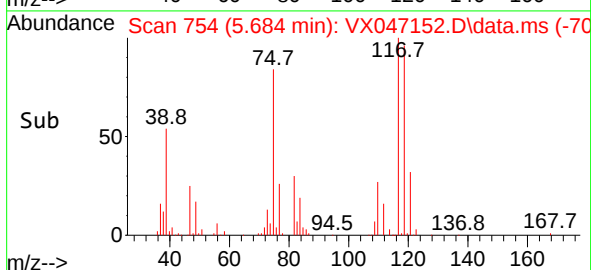
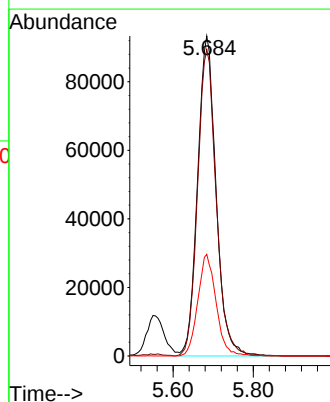
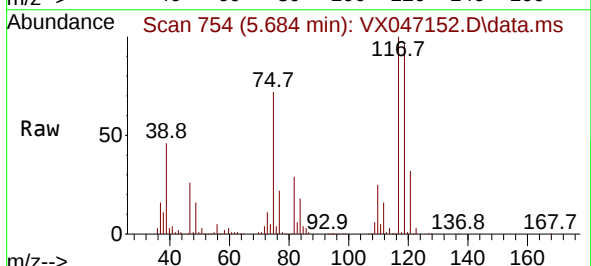
Manual Integrations
APPROVED

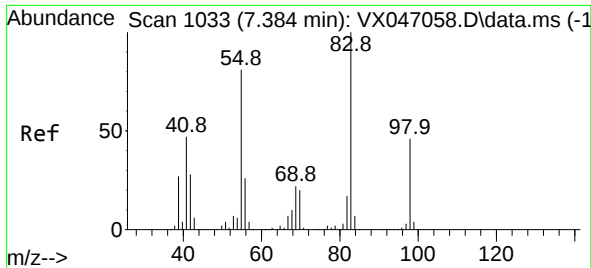
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#38
Carbon Tetrachloride
Concen: 45.601 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

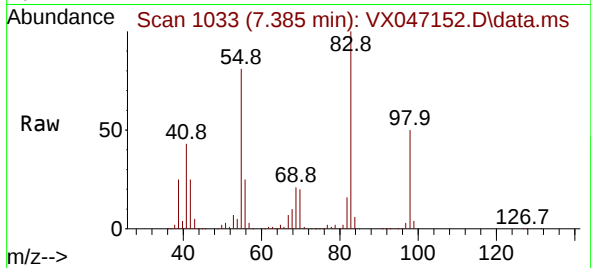
Tgt Ion:117 Resp: 298960
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0
121 31.7 24.4 36.6





#39
Methylcyclohexane
Concen: 45.012 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

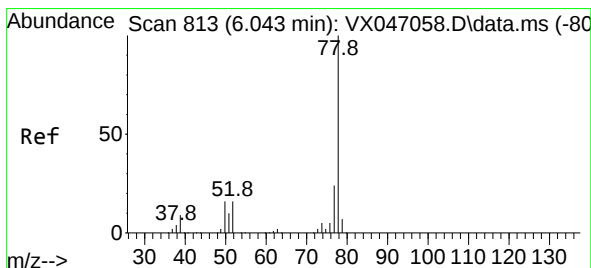
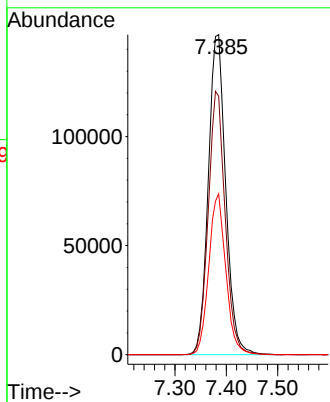
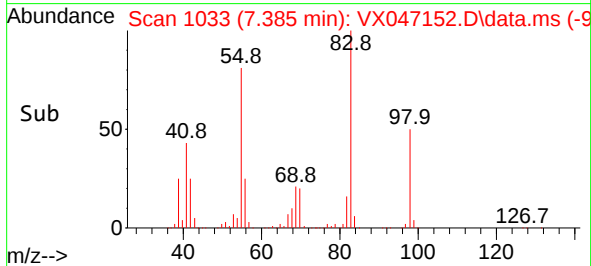
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 34521
Ion Ratio Lower Upper
83 100
55 80.7 64.5 96.7
98 50.2 36.9 55.3

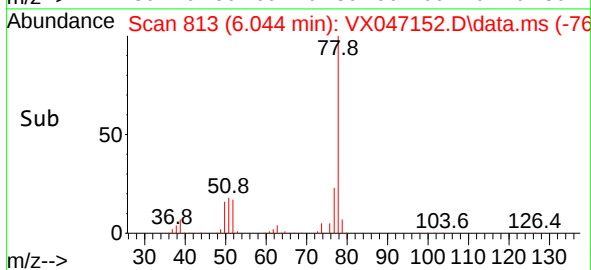
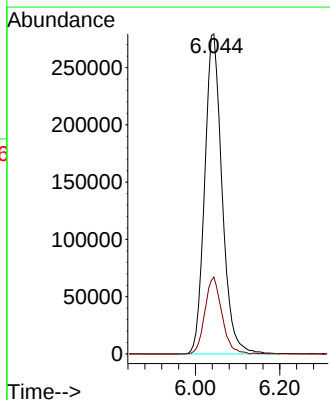
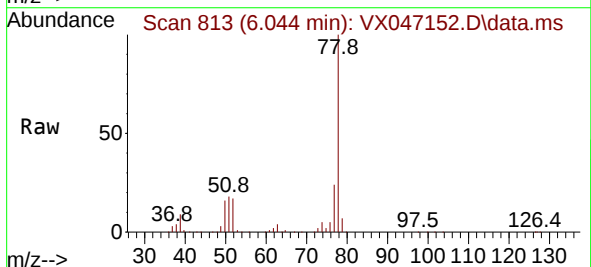
Manual Integrations
APPROVED

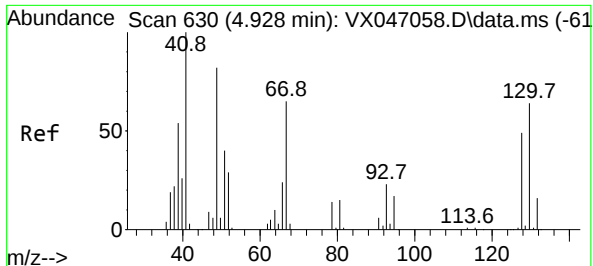
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#40
Benzene
Concen: 45.112 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

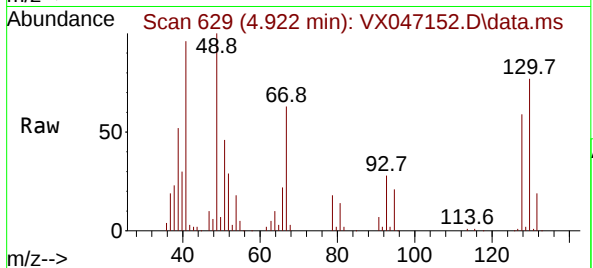
Tgt Ion: 78 Resp: 801930
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





#41
Methacrylonitrile
Concen: 43.782 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

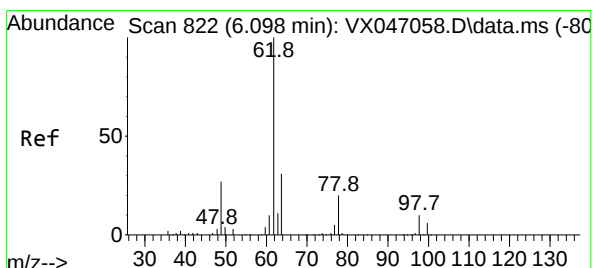
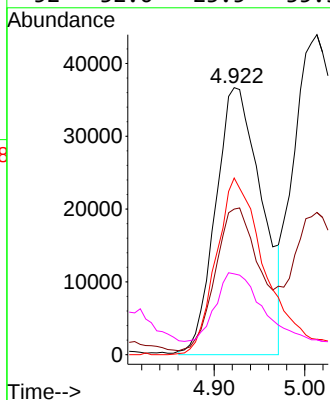
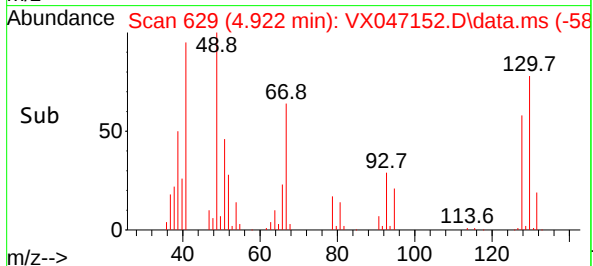
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 12957
Ion Ratio Lower Upper
41 100
39 51.0 44.2 66.2
67 75.5 56.4 84.6
52 32.6 23.5 35.3

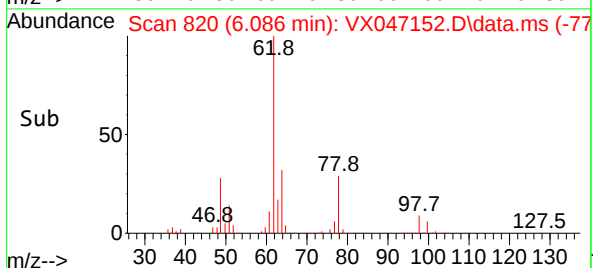
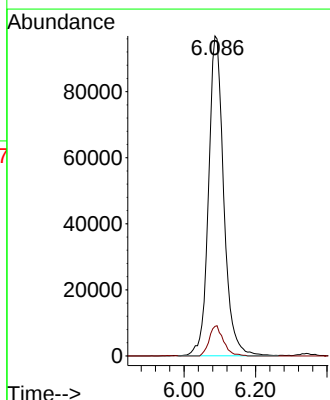
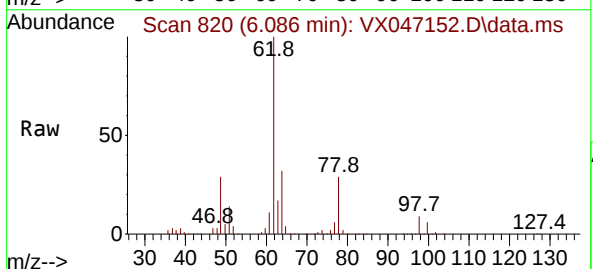
Manual Integrations
APPROVED

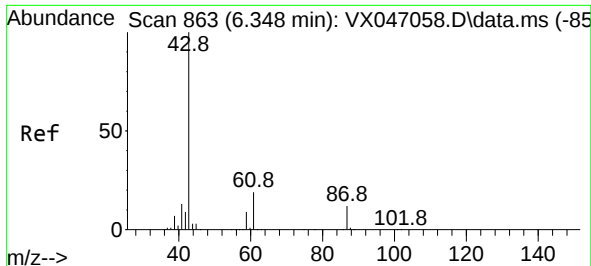
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#42
1,2-Dichloroethane
Concen: 45.613 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

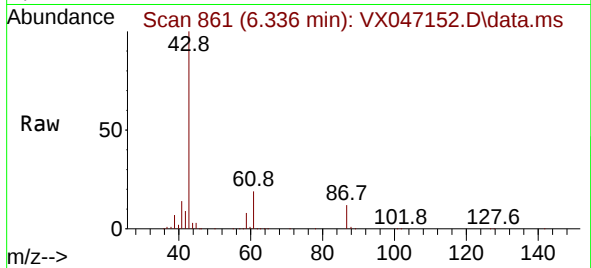
Tgt Ion: 62 Resp: 285625
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8





#43
Isopropyl Acetate
Concen: 46.379 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

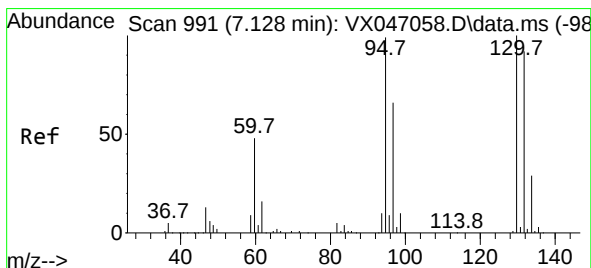
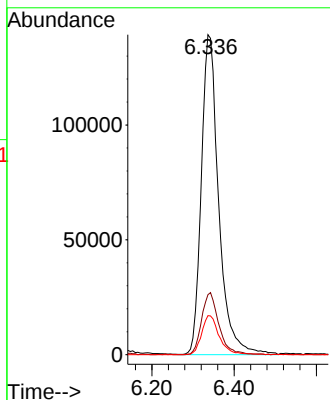
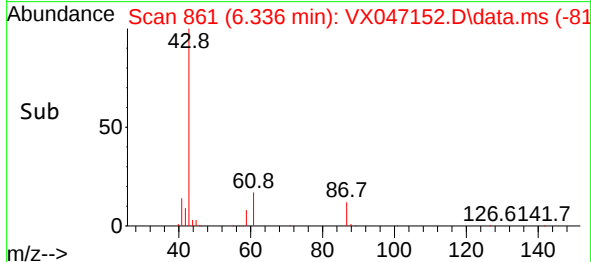
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 409240
Ion Ratio Lower Upper
43 100
61 19.2 15.1 22.7
87 12.4 9.7 14.5

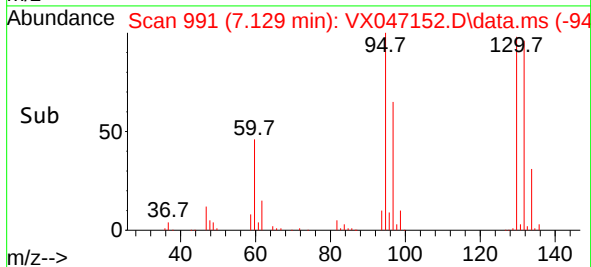
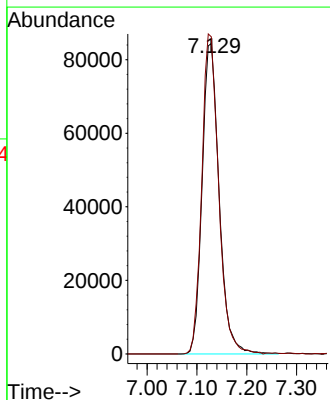
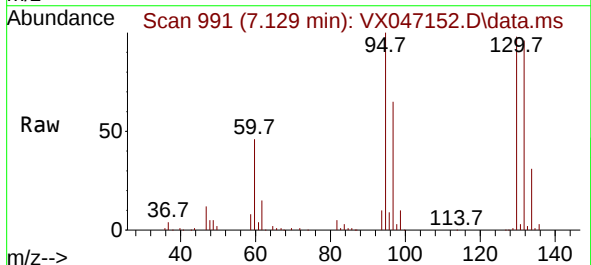
Manual Integrations
APPROVED

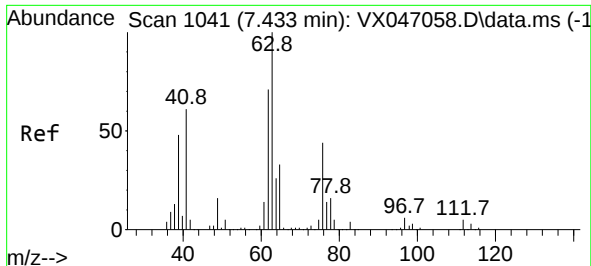
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#44
Trichloroethene
Concen: 43.911 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion:130 Resp: 200167
Ion Ratio Lower Upper
130 100
95 102.2 0.0 198.6





#45

1,2-Dichloropropane

Concen: 45.568 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20288

Ion Ratio Lower Upper

63 100

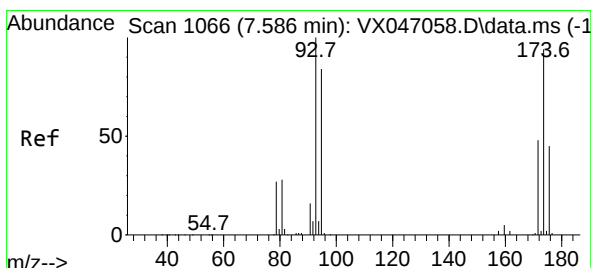
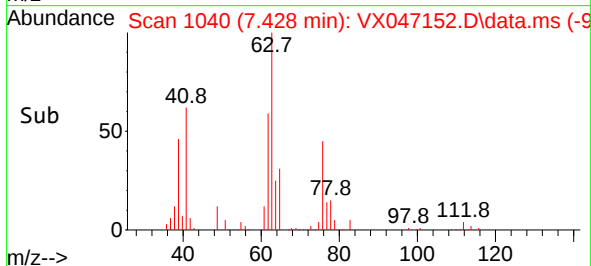
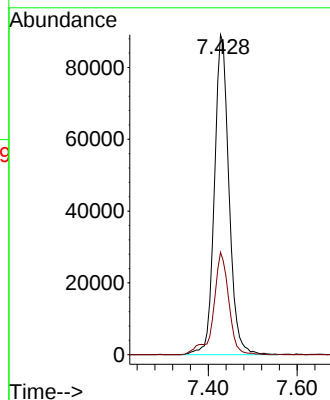
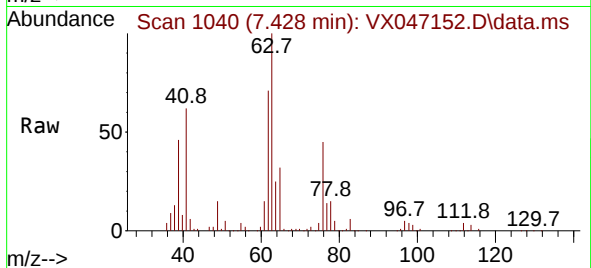
65 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#46

Dibromomethane

Concen: 46.223 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

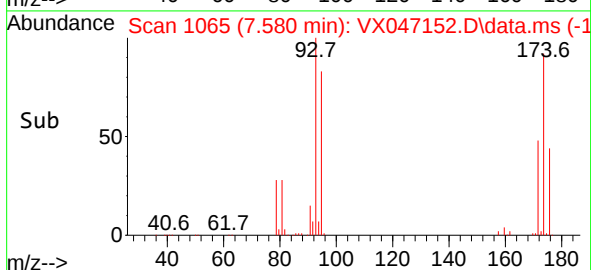
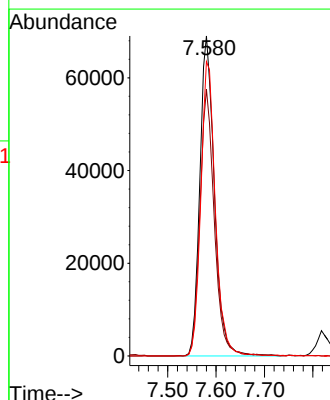
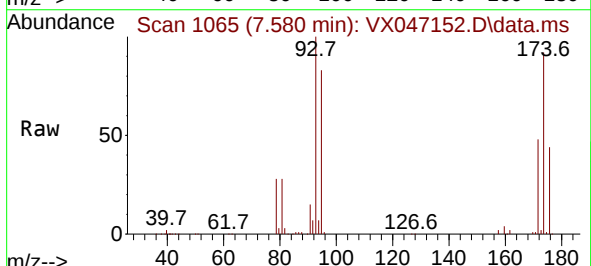
Tgt Ion: 93 Resp: 144317

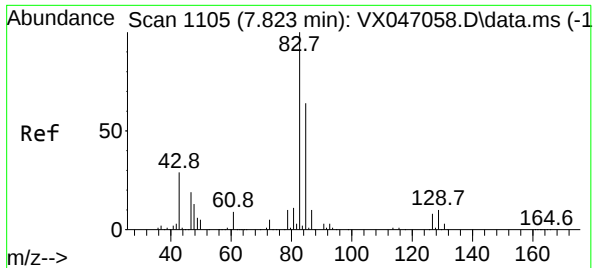
Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

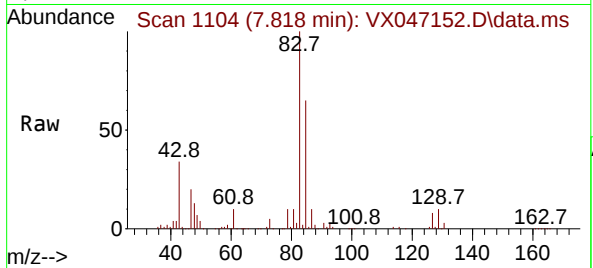
174 92.0 74.6 112.0





#47
Bromodichloromethane
Concen: 46.566 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

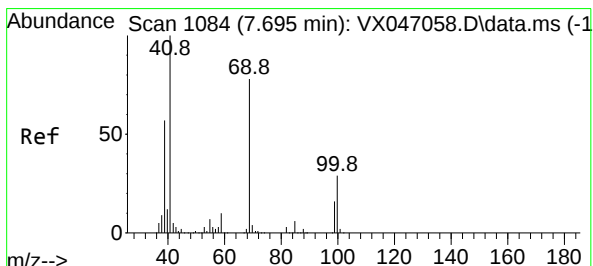
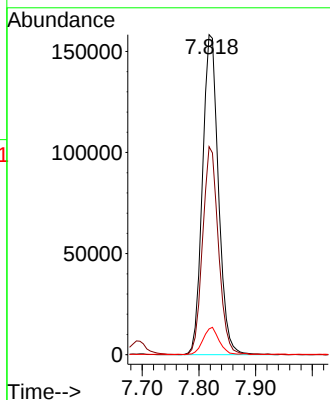
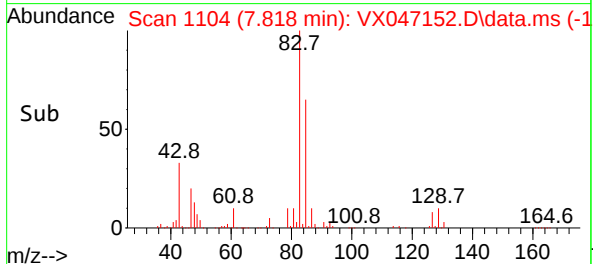
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 309460
Ion Ratio Lower Upper
83 100
85 65.0 49.9 74.9
127 7.9 6.6 10.0

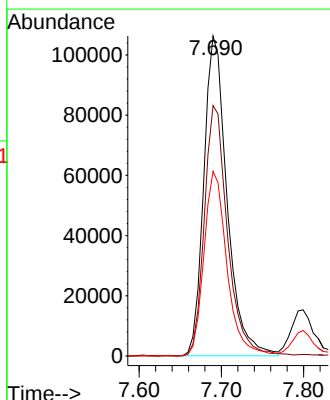
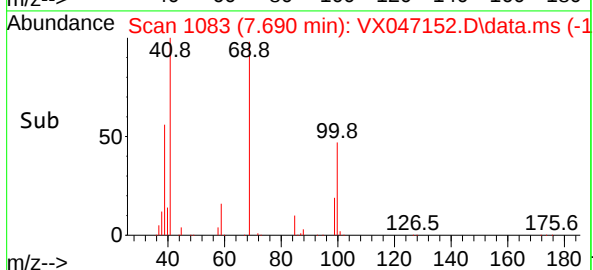
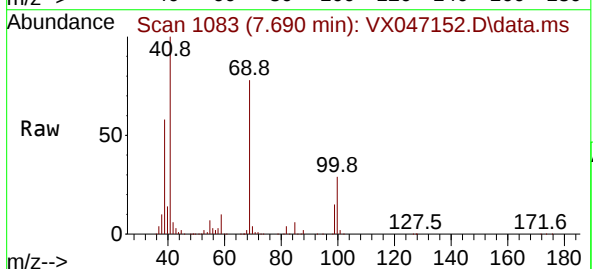
Manual Integrations
APPROVED

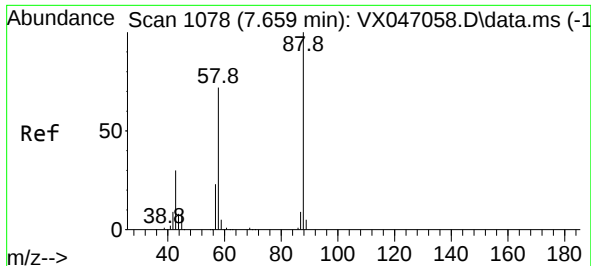
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#48
Methyl methacrylate
Concen: 43.560 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion: 41 Resp: 209392
Ion Ratio Lower Upper
41 100
69 78.1 62.3 93.5
39 56.9 44.8 67.2





#49

1,4-Dioxane

Concen: 855.709 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.061 min

Lab File: VX047152.D

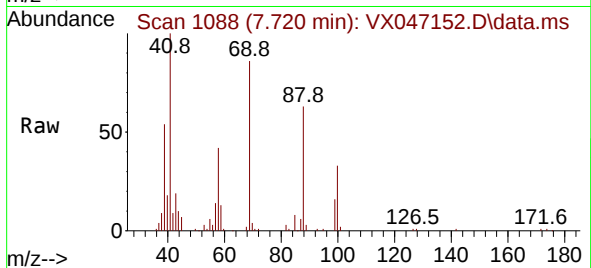
Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



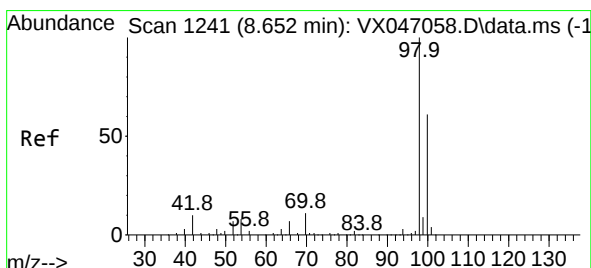
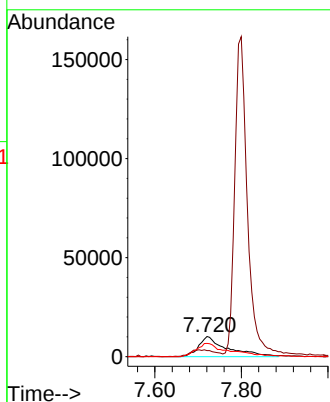
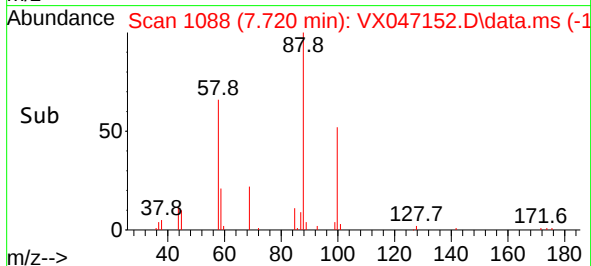
Tgt Ion:	88	Resp:	46784
Ion	Ratio	Lower	Upper
88	100		
43	30.9	33.6	50.4
58	76.6	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#50

Toluene-d8

Concen: 45.131 ug/l

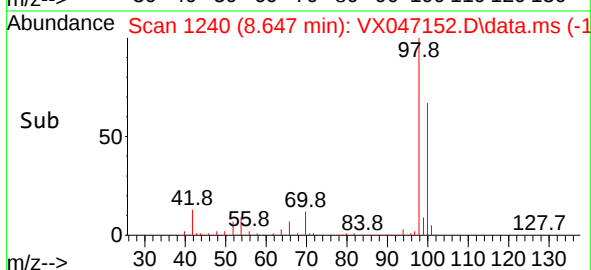
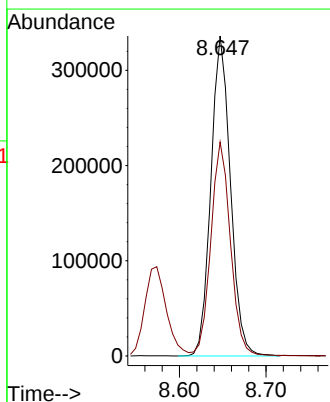
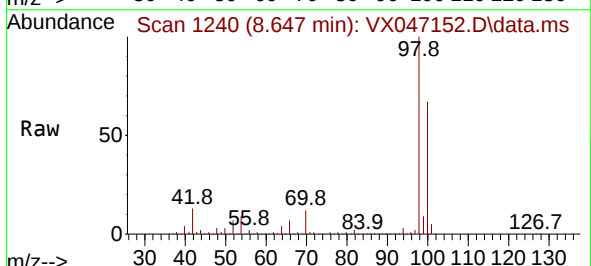
RT: 8.647 min Scan# 1240

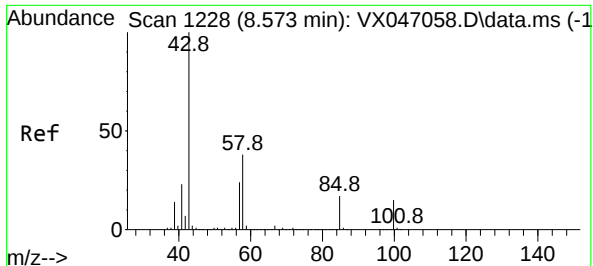
Delta R.T. -0.006 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Tgt Ion:	98	Resp:	526682
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.3	79.9





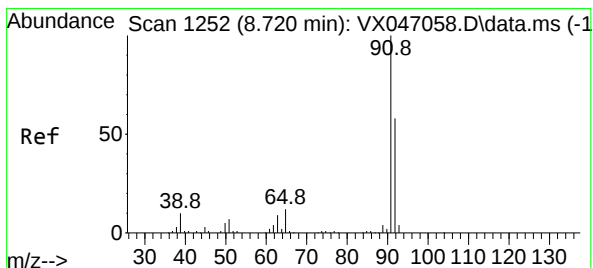
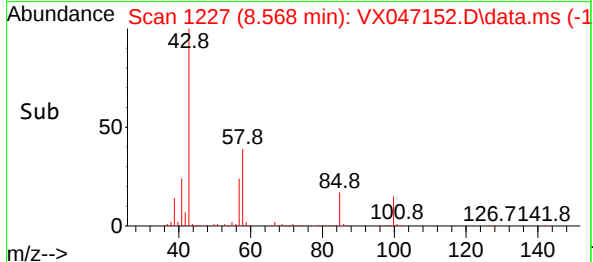
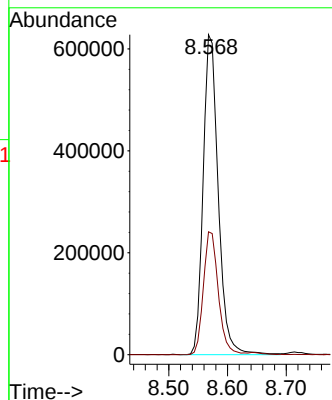
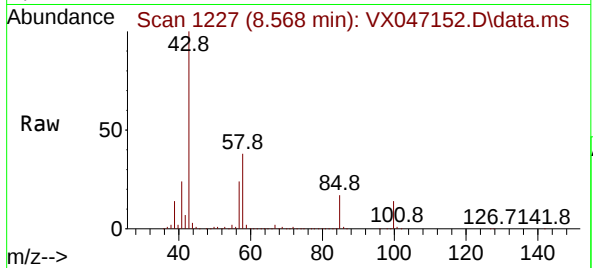
#51
4-Methyl-2-Pentanone
Concen: 213.132 ug/l
RT: 8.568 min Scan# 111783
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 111783
Ion Ratio Lower Upper
43 100
58 38.1 30.6 45.8

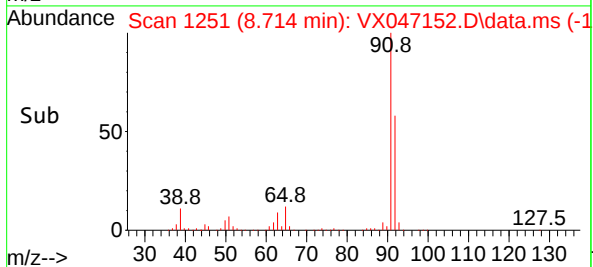
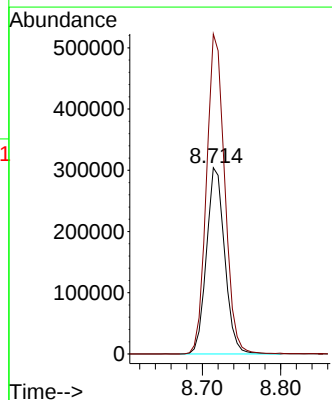
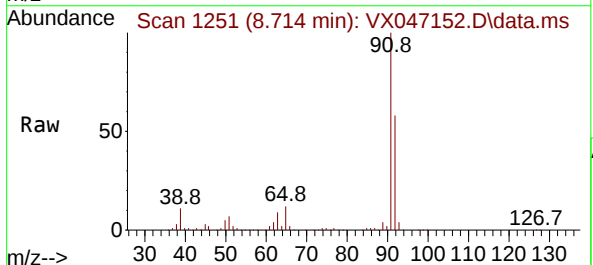
Manual Integrations
APPROVED

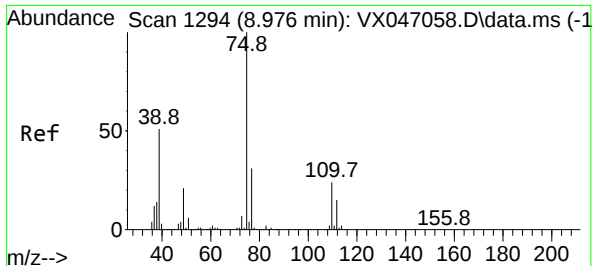
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#52
Toluene
Concen: 44.912 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion: 92 Resp: 490903
Ion Ratio Lower Upper
92 100
91 171.4 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 47.648 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 299012

Ion Ratio Lower Upper

75 100

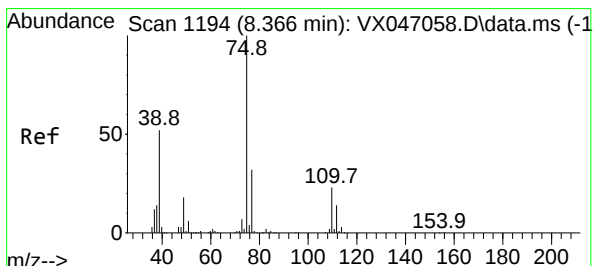
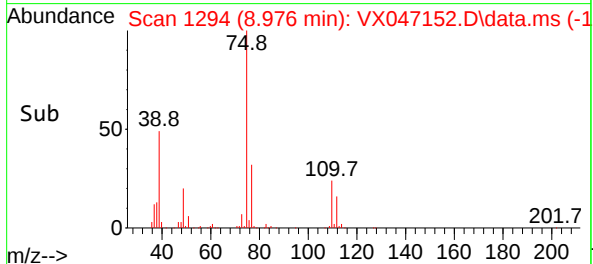
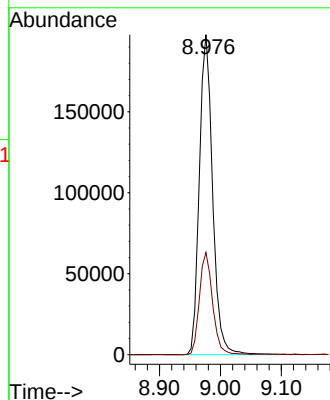
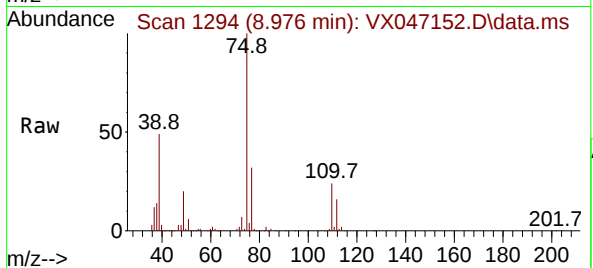
77 31.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#54

cis-1,3-Dichloropropene

Concen: 47.037 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

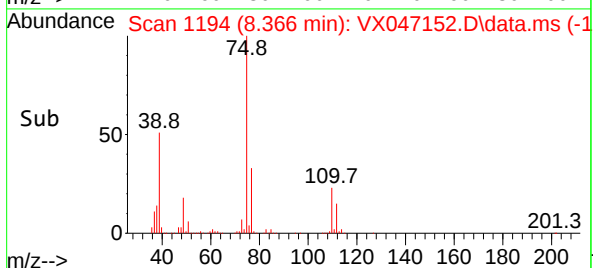
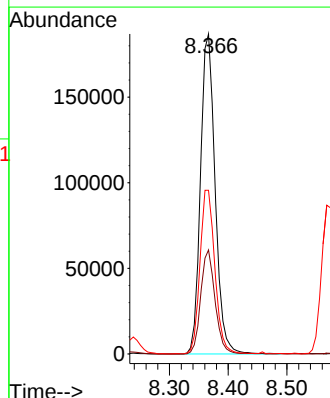
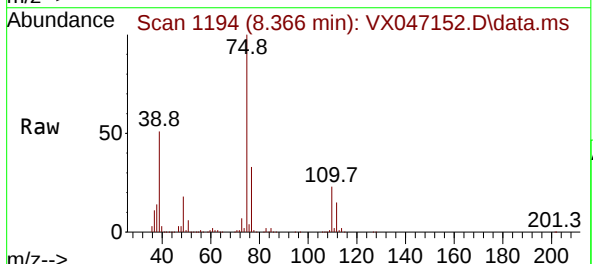
Tgt Ion: 75 Resp: 323069

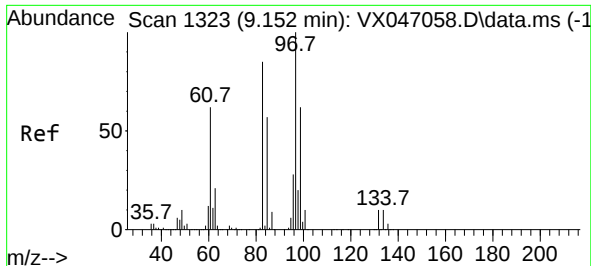
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

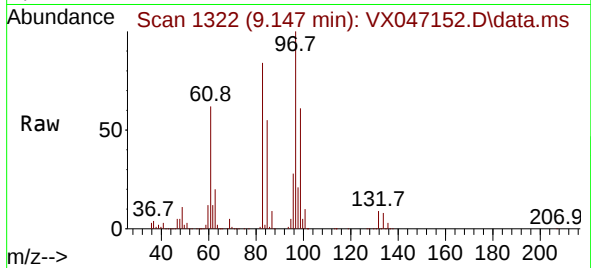
39 51.1 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 44.741 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

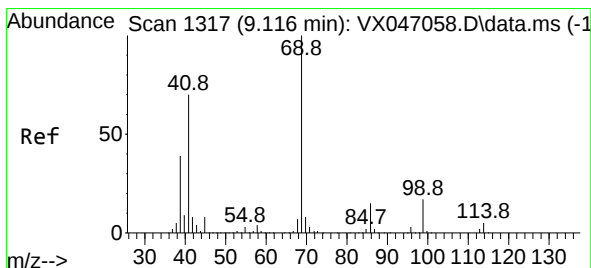
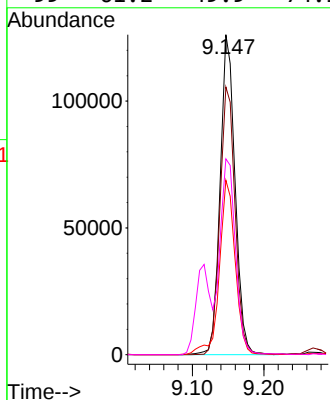
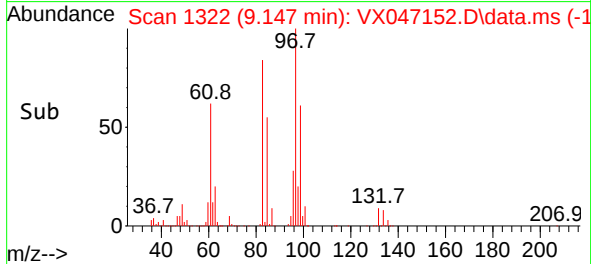
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



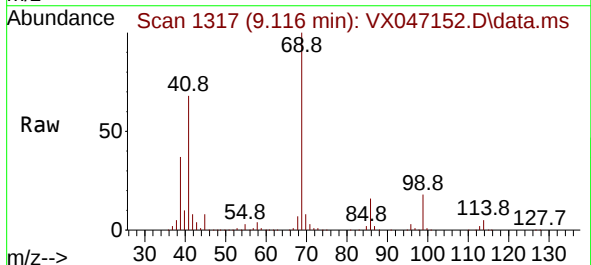
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.0	102.0
85	54.5	45.2	67.8
99	61.2	49.9	74.9

Manual Integrations
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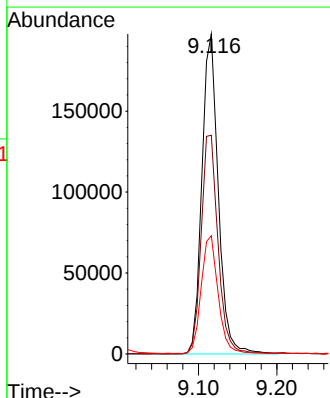
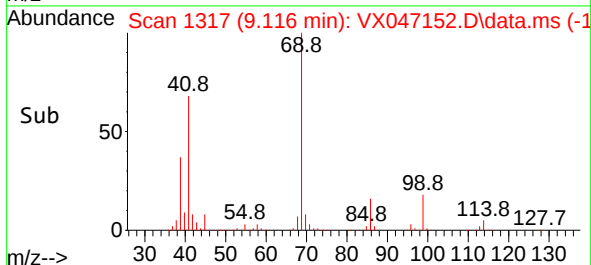
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

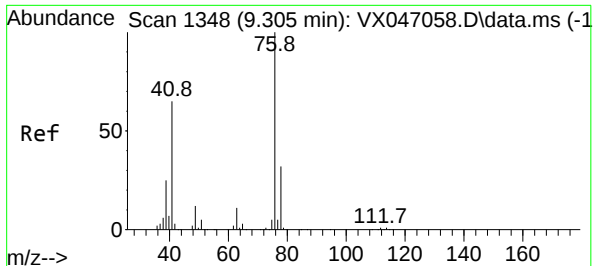


#56
Ethyl methacrylate
Concen: 47.289 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.1	84.1
39	38.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 44.153 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 314550

Ion Ratio Lower Upper

76 100

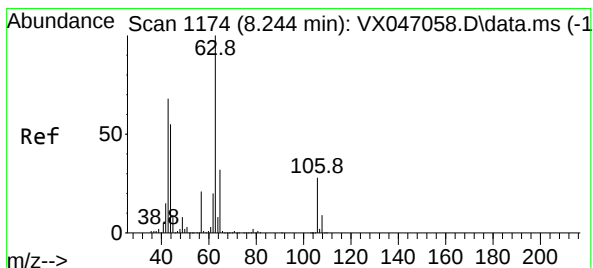
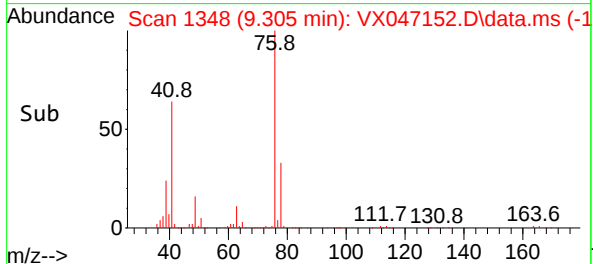
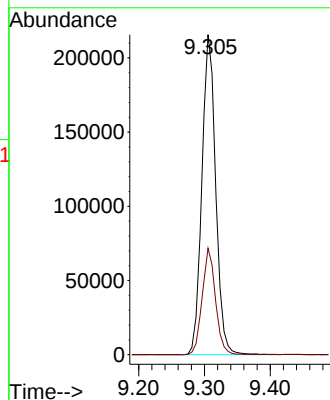
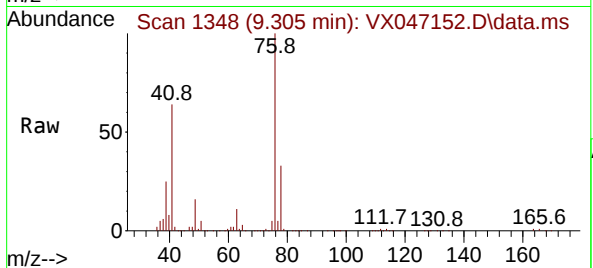
78 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 214.896 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047152.D

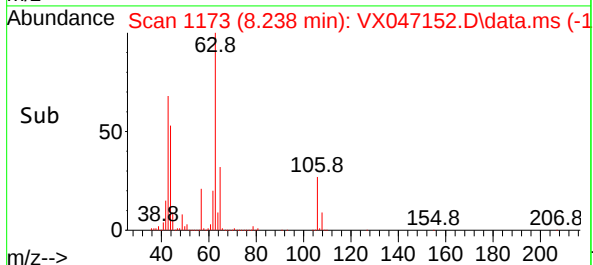
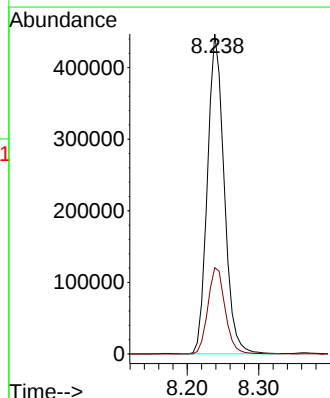
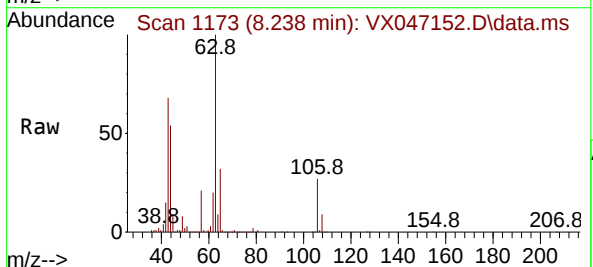
Acq: 28 Jul 2025 09:23

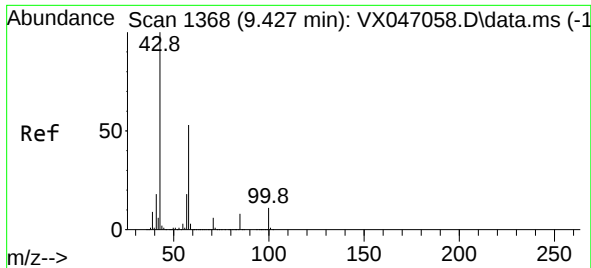
Tgt Ion: 63 Resp: 725686

Ion Ratio Lower Upper

63 100

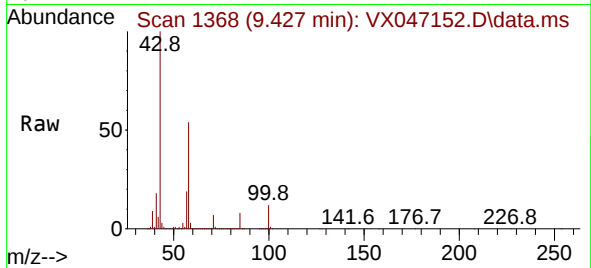
106 27.9 22.2 33.4





#59
2-Hexanone
Concen: 222.991 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

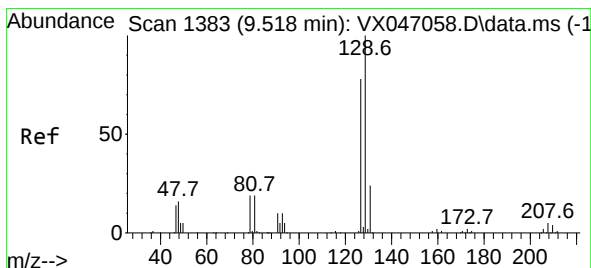
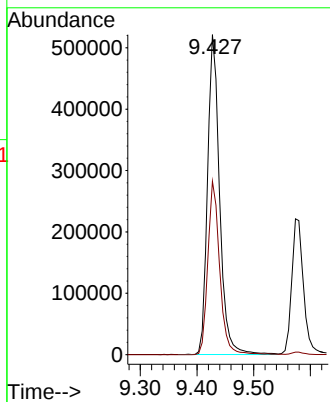
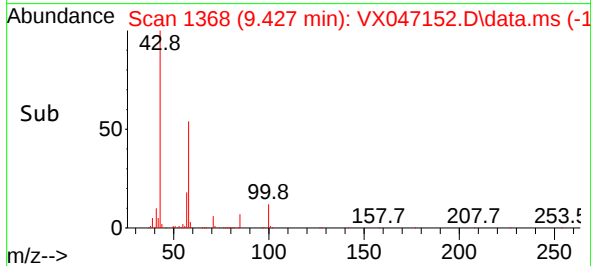
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 772694
Ion Ratio Lower Upper
43 100
58 53.5 26.5 79.5

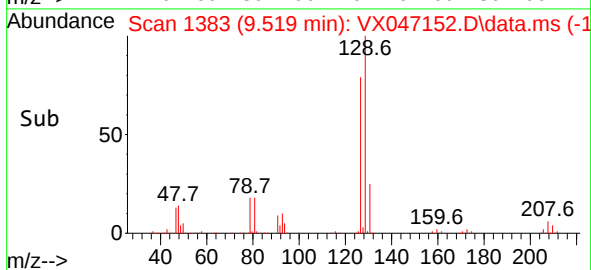
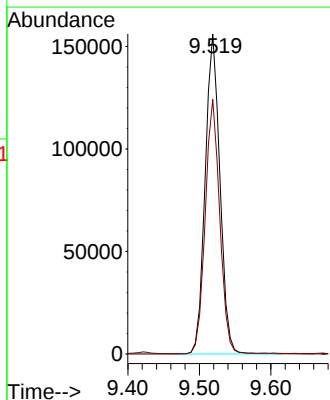
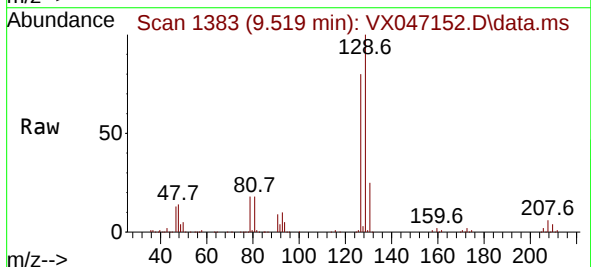
Manual Integrations
APPROVED

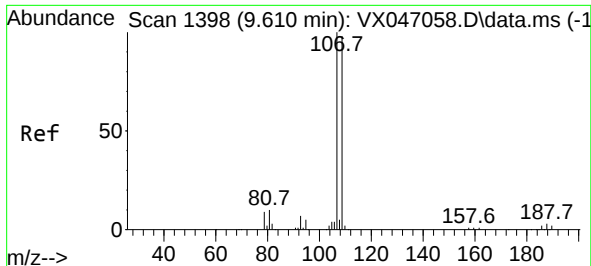
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#60
Dibromochloromethane
Concen: 46.475 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

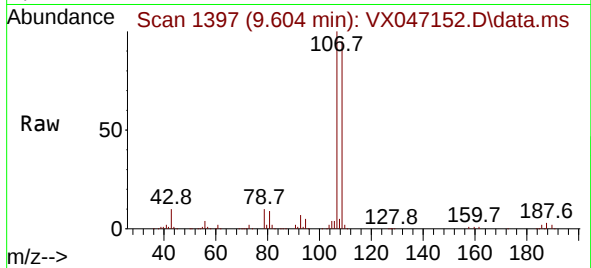
Tgt Ion:129 Resp: 223434
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 43.145 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

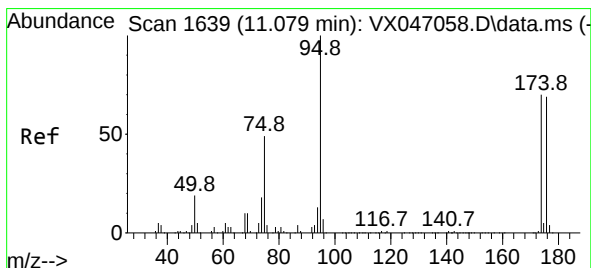
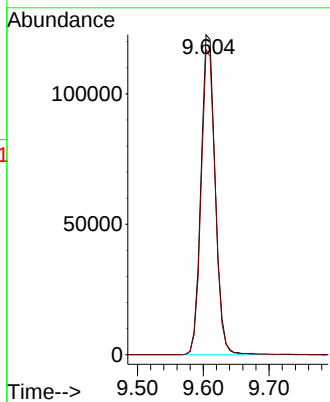
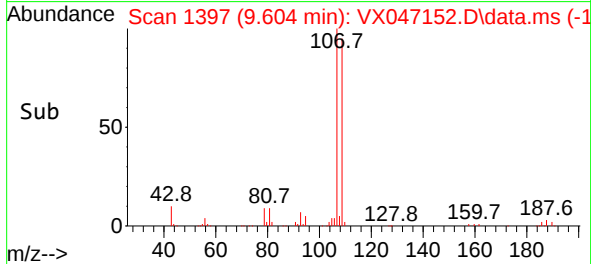
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



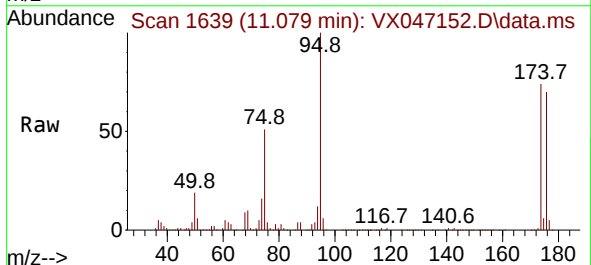
Tgt Ion:107 Resp: 184928
Ion Ratio Lower Upper
107 100
109 94.8 74.6 112.0

Manual Integrations
APPROVED

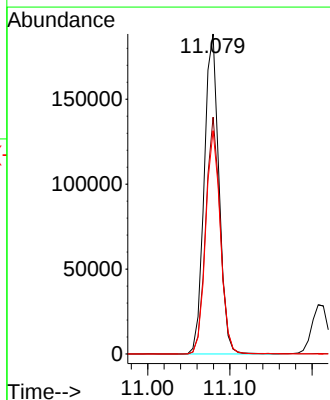
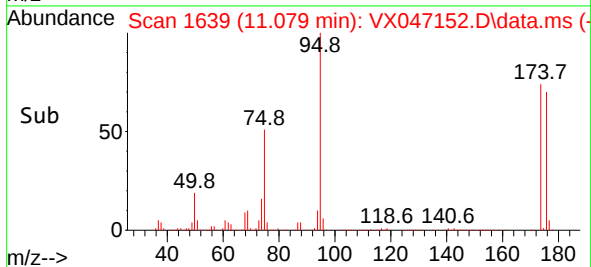
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

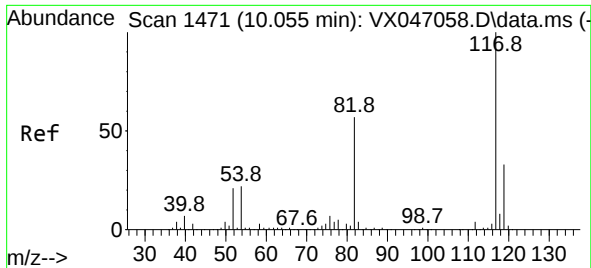


#62
4-Bromofluorobenzene
Concen: 46.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



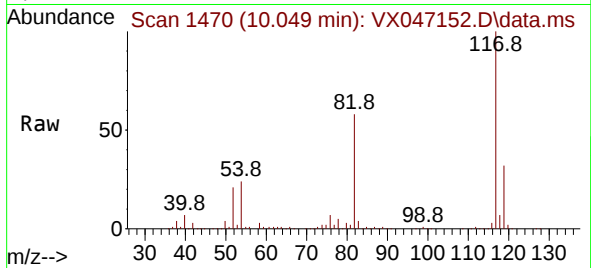
Tgt Ion: 95 Resp: 234836
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 69.5 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

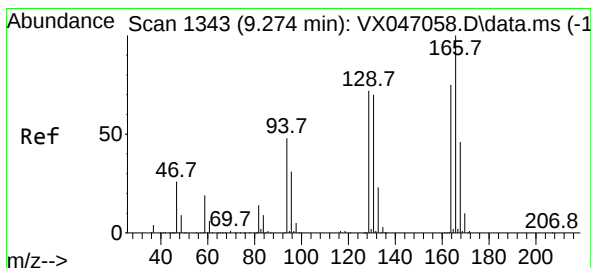
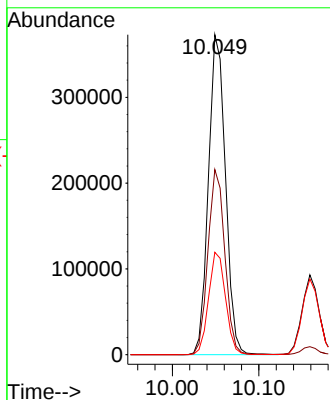
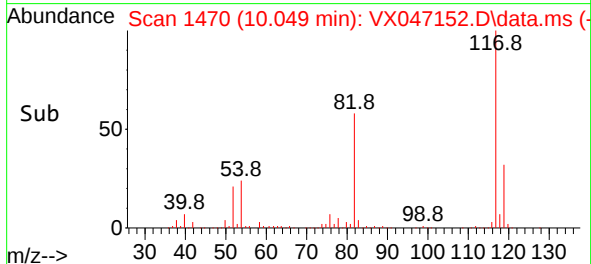
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 509120
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.2
119 32.0 26.1 39.1

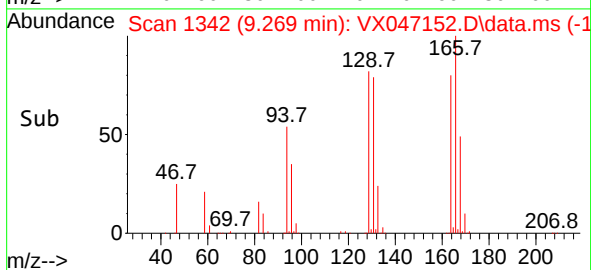
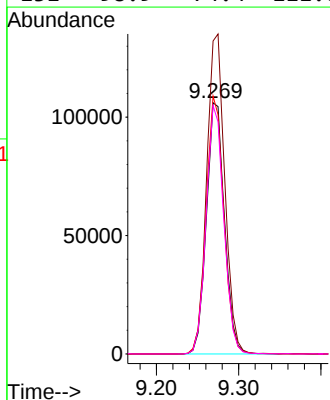
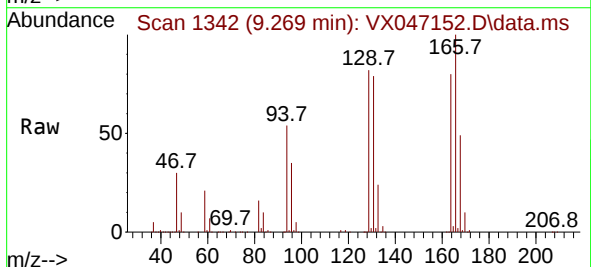
Manual Integrations
APPROVED

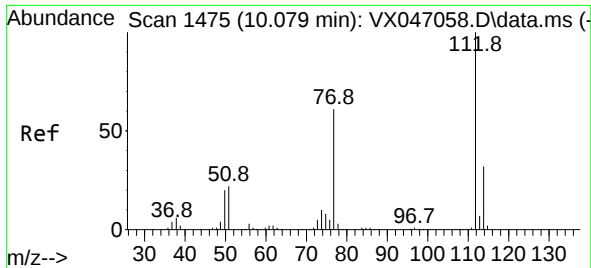
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#64
Tetrachloroethene
Concen: 44.044 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion:164 Resp: 161651
Ion Ratio Lower Upper
164 100
166 124.6 106.2 159.4
129 102.7 76.6 114.8
131 98.9 74.4 111.6





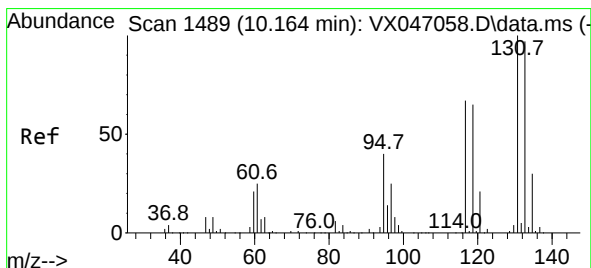
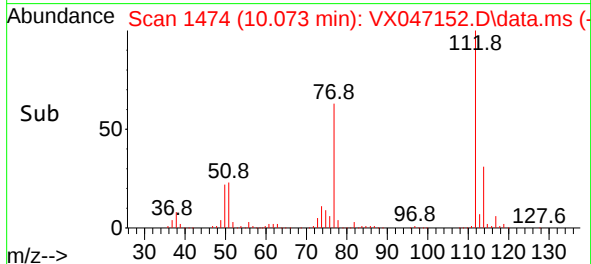
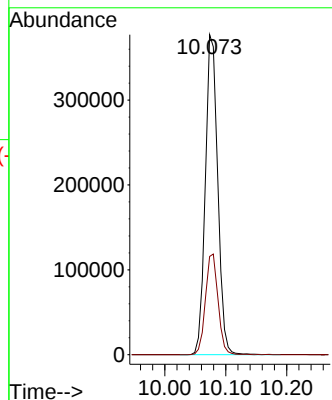
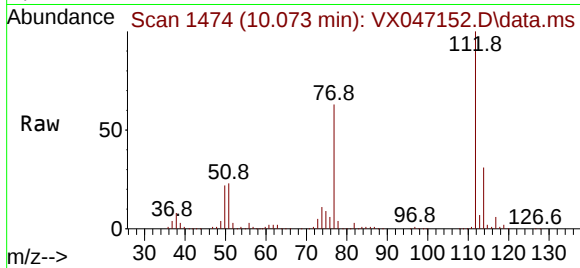
#65
Chlorobenzene
Concen: 44.811 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 53446
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6

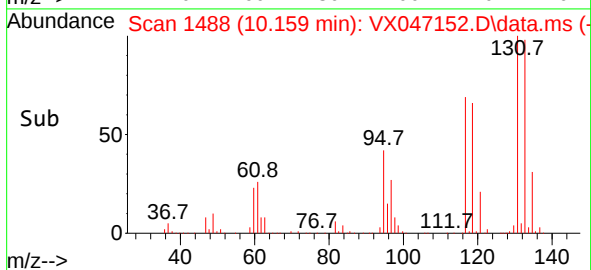
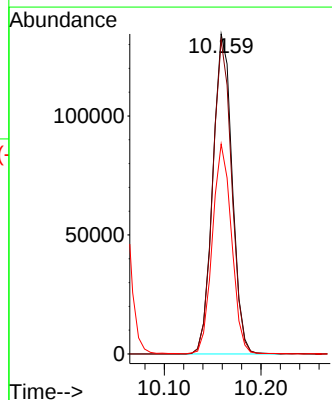
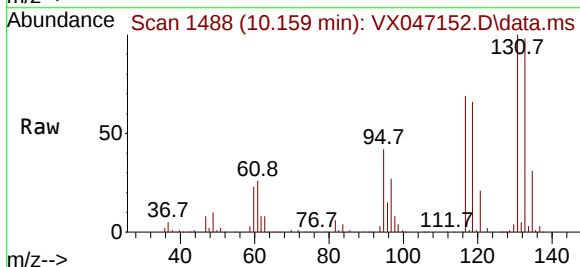
Manual Integrations
APPROVED

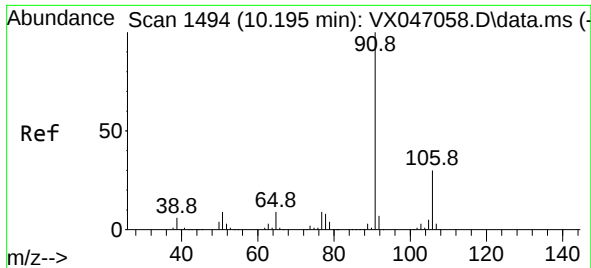
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.549 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

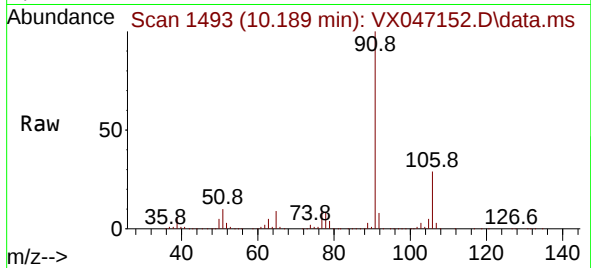
Tgt Ion:131 Resp: 186922
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.3
119 65.1 32.4 97.0





#67
Ethyl Benzene
Concen: 45.698 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

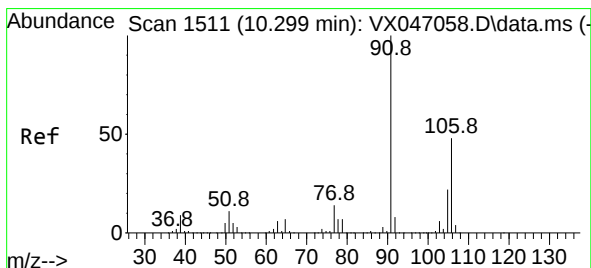
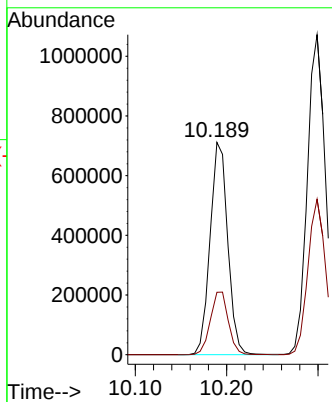
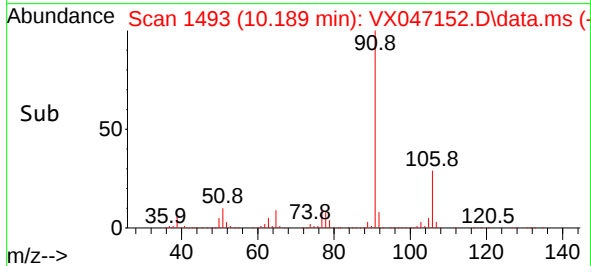
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 952979
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4

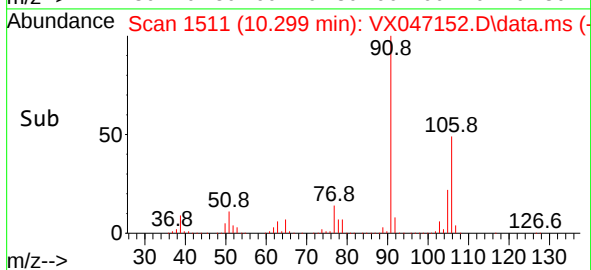
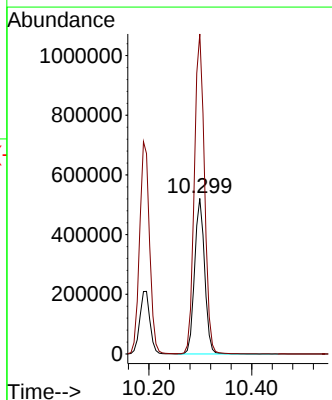
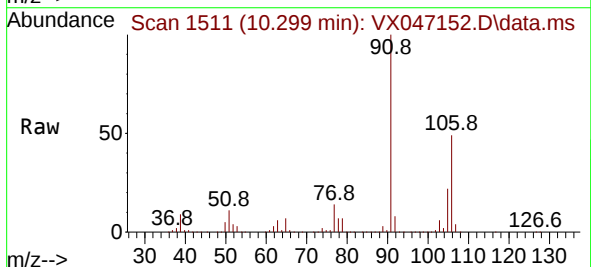
Manual Integrations
APPROVED

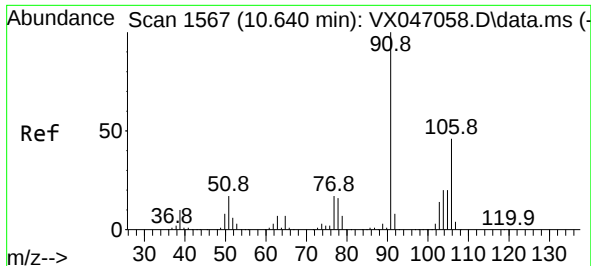
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#68
m/p-Xylenes
Concen: 90.690 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion:106 Resp: 707744
Ion Ratio Lower Upper
106 100
91 209.6 167.4 251.0





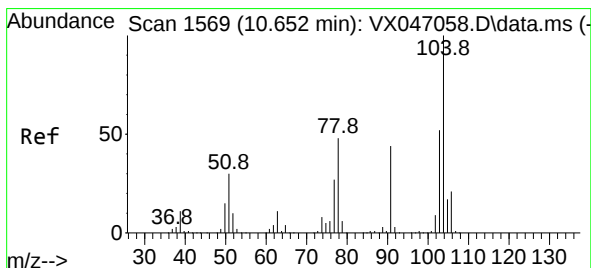
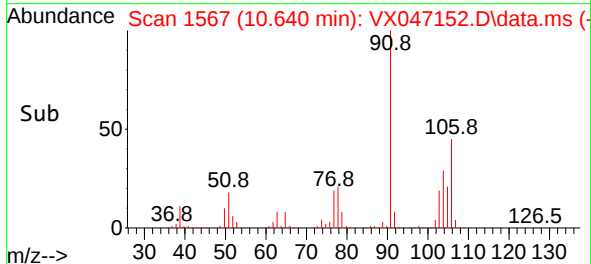
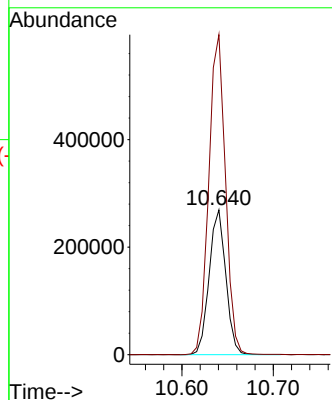
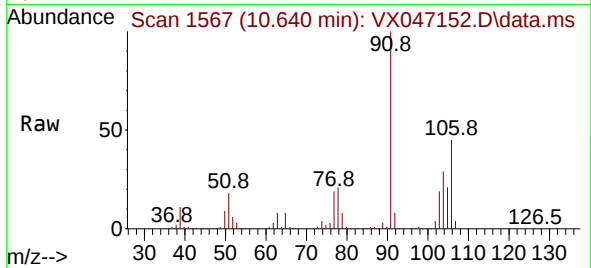
#69
o-Xylene
Concen: 45.759 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 339720
Ion Ratio Lower Upper
106 100
91 221.6 110.3 331.0

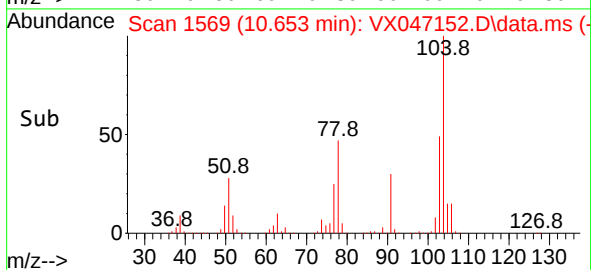
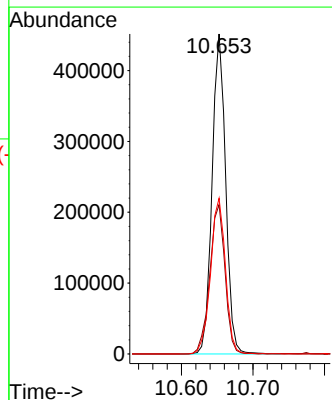
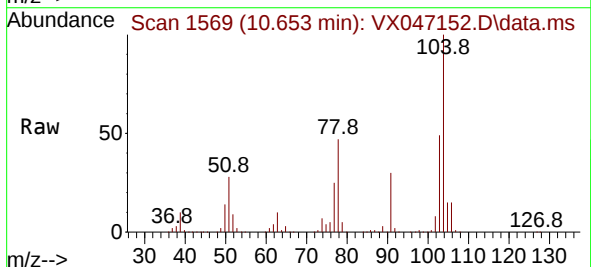
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#70
Styrene
Concen: 46.608 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion:104 Resp: 593341
Ion Ratio Lower Upper
104 100
78 52.6 42.0 63.0
103 53.6 43.8 65.6





#71

Bromoform

Concen: 46.358 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 141410

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

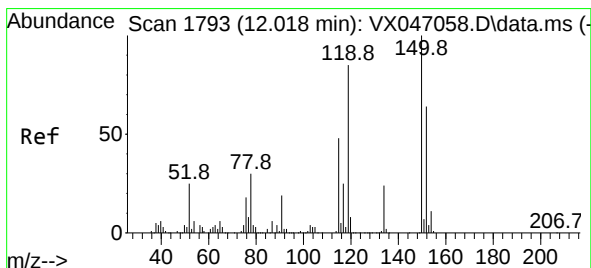
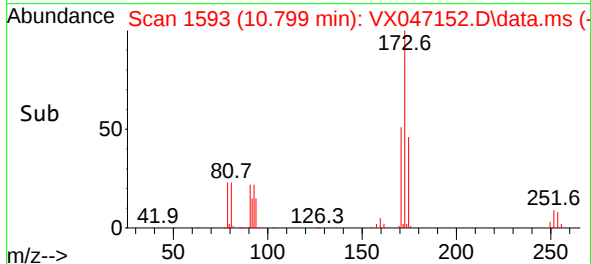
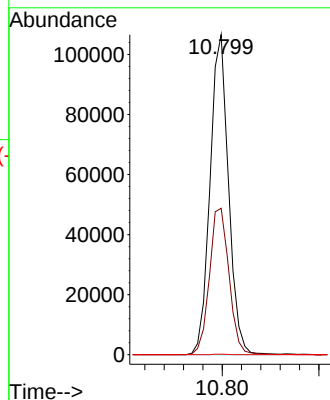
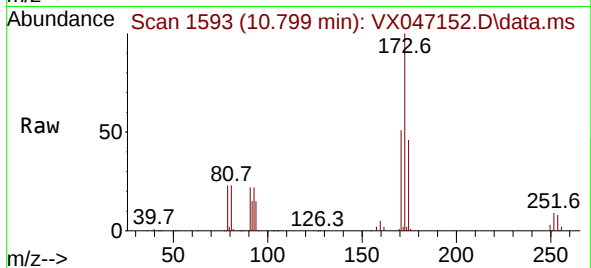
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.001 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

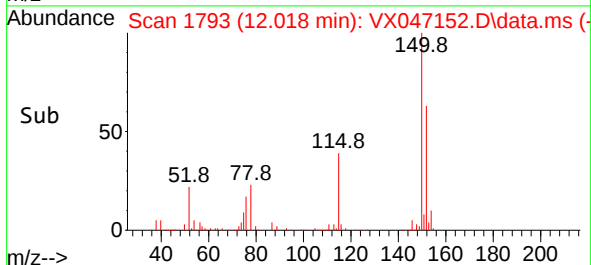
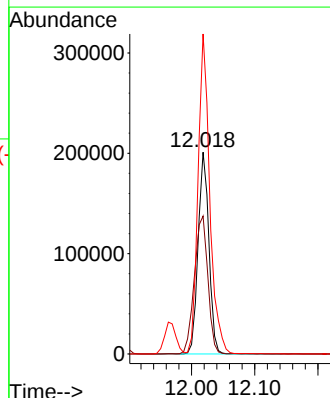
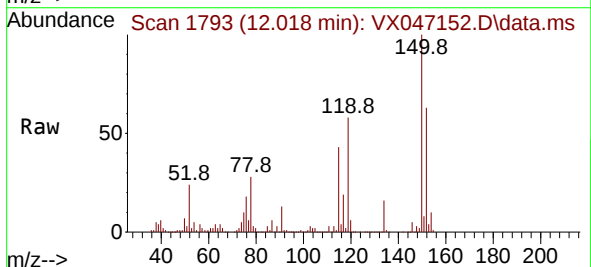
Tgt Ion:152 Resp: 238942

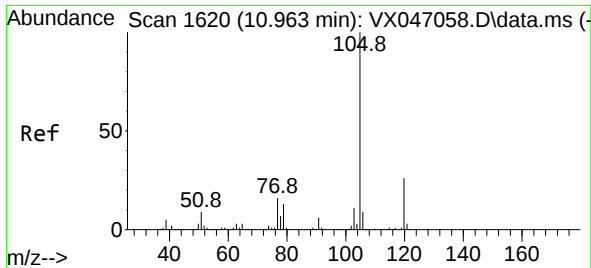
Ion Ratio Lower Upper

152 100

115 85.5 45.6 136.7

150 172.4 0.0 354.6





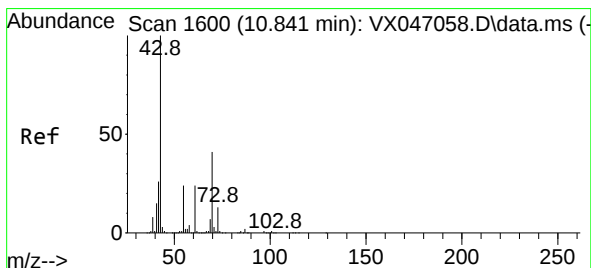
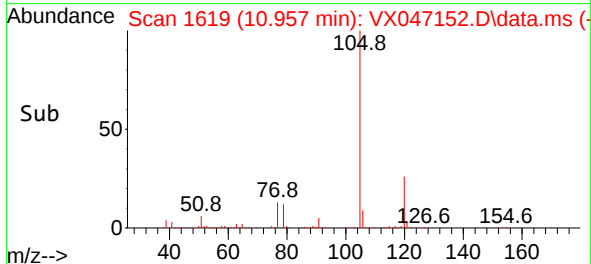
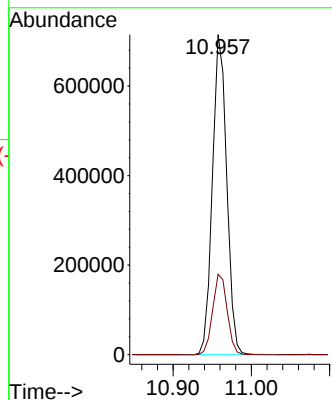
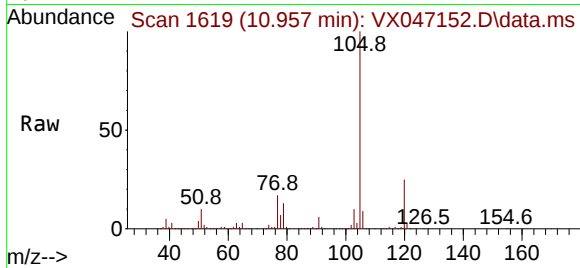
#73
Isopropylbenzene
Concen: 47.859 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 902188
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7

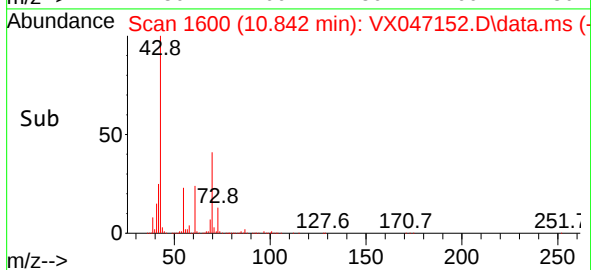
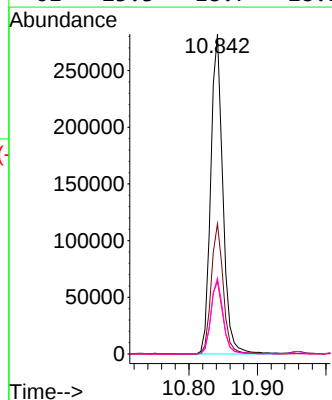
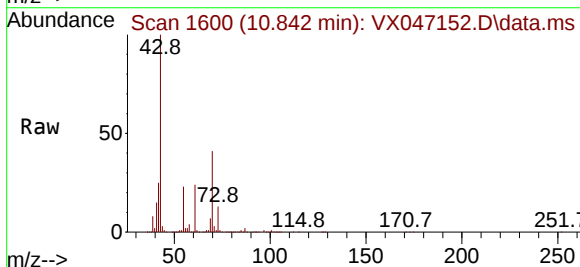
Manual Integrations
APPROVED

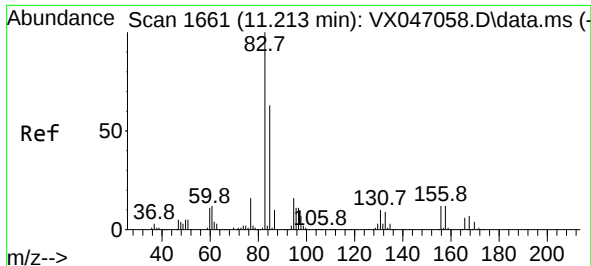
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#74
N-ethyl acetate
Concen: 45.866 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

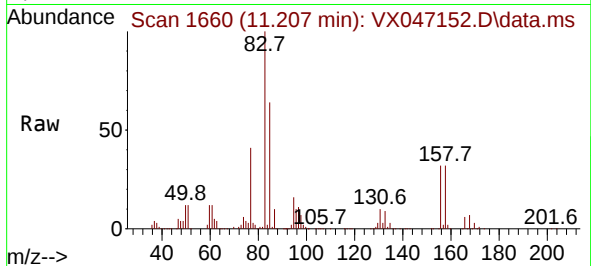
Tgt Ion: 43 Resp: 348863
Ion Ratio Lower Upper
43 100
70 40.5 32.3 48.5
55 22.9 18.9 28.3
61 23.3 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 45.301 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

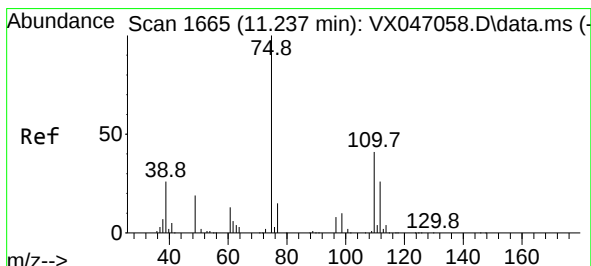
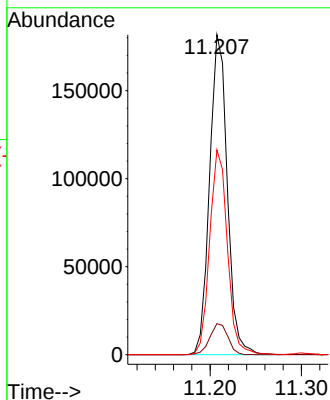
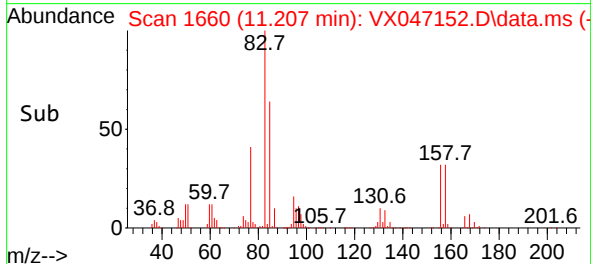
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



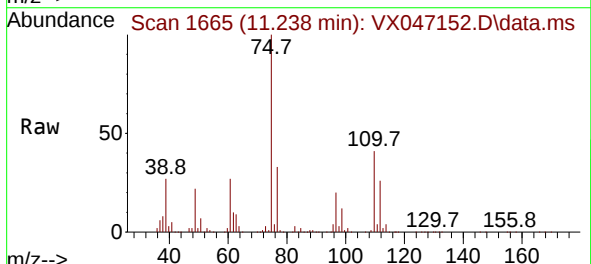
Tgt Ion: 83 Resp: 243932
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.0 32.0 96.2

Manual Integrations
APPROVED

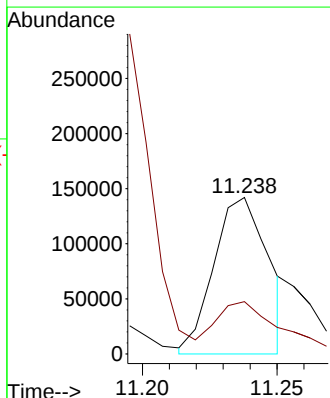
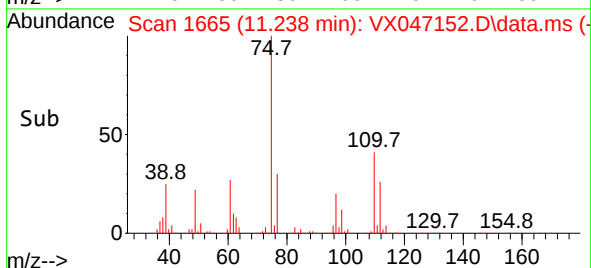
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

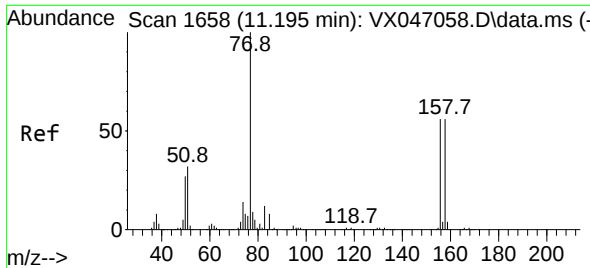


#76
1,2,3-Trichloropropane
Concen: 45.094 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



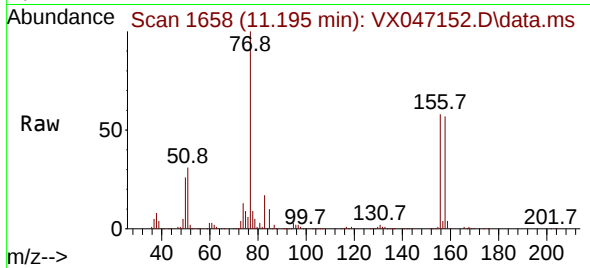
Tgt Ion: 75 Resp: 199438
Ion Ratio Lower Upper
75 100
77 40.4 21.6 65.0





#77
Bromobenzene
Concen: 47.216 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

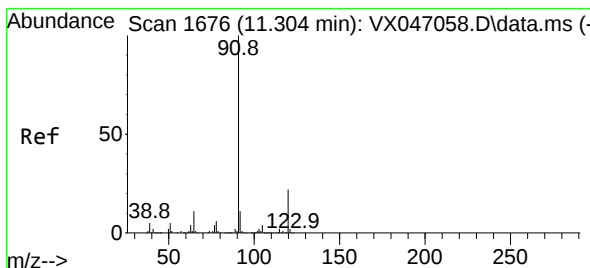
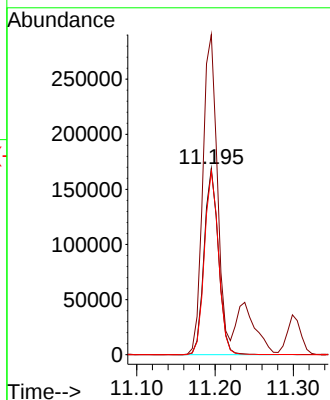
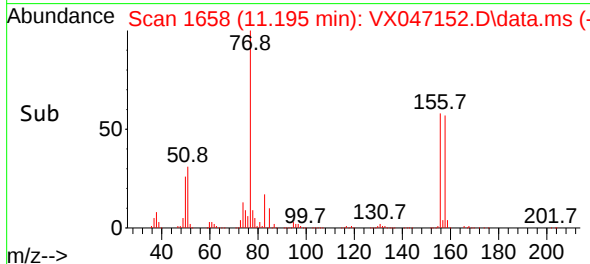
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



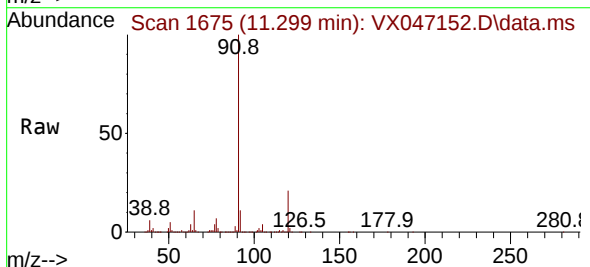
Tgt Ion:156 Resp: 213480
Ion Ratio Lower Upper
156 100
77 175.9 87.3 261.9
158 97.8 48.9 146.6

Manual Integrations
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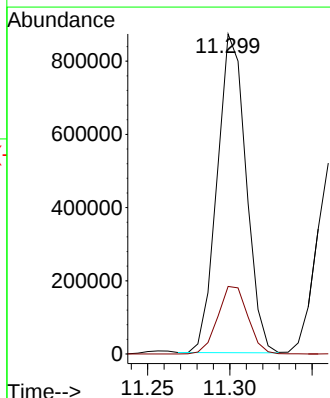
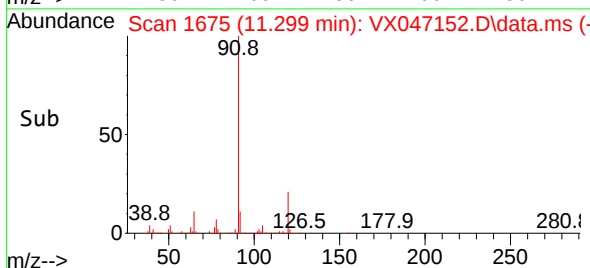
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

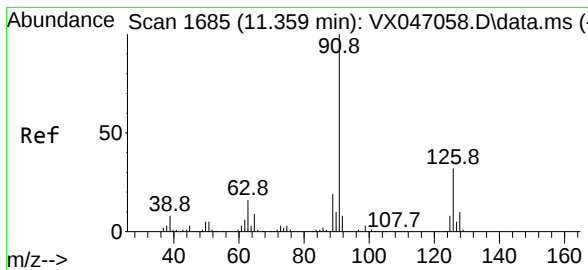


#78
n-propylbenzene
Concen: 47.283 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



Tgt Ion: 91 Resp: 1065137
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





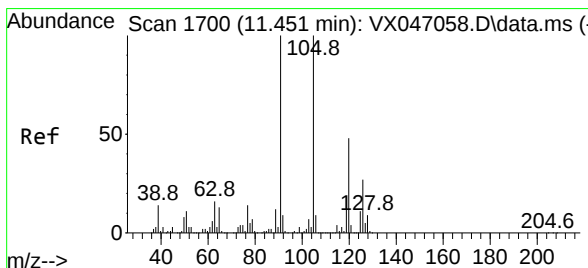
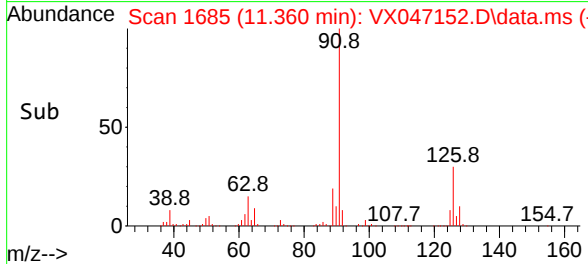
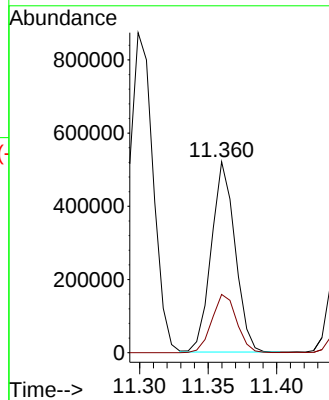
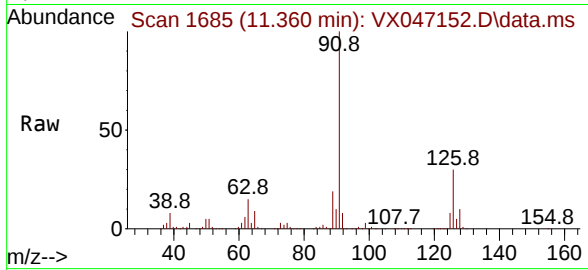
#79
2-Chlorotoluene
Concen: 46.686 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 62866
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

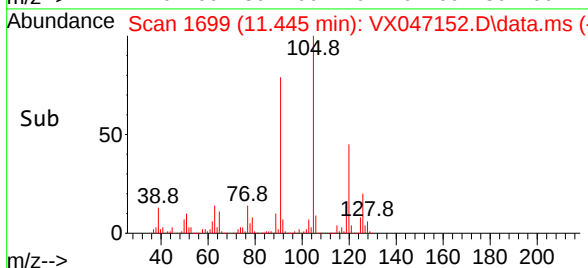
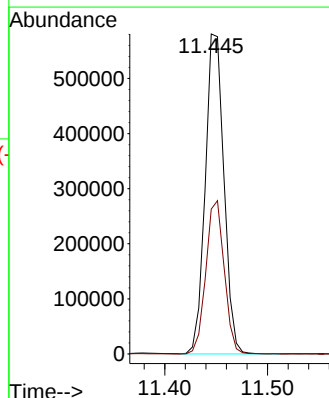
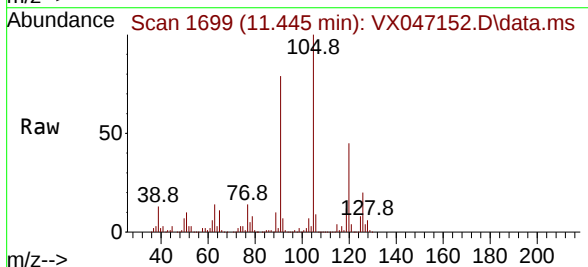
Manual Integrations
APPROVED

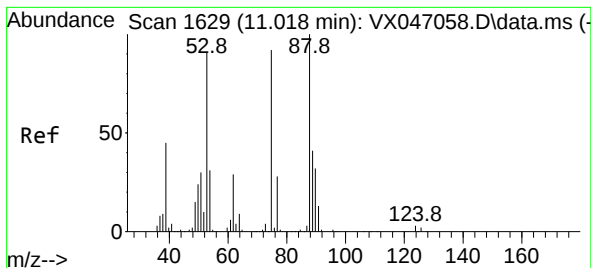
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.211 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion:105 Resp: 735251
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.5





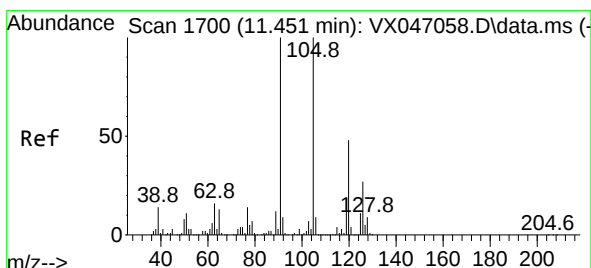
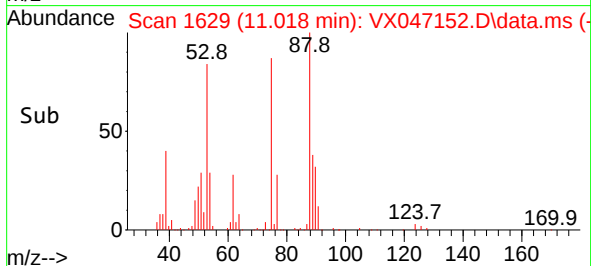
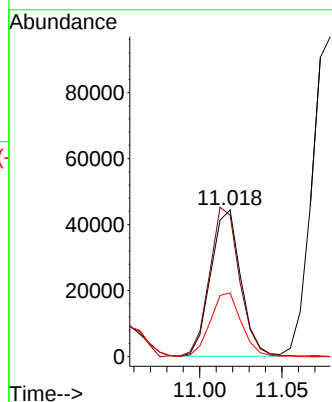
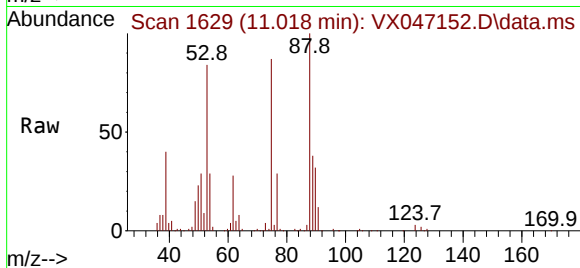
#81
trans-1,4-Dichloro-2-butene
Concen: 32.719 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 56160
Ion Ratio Lower Upper
75 100
53 103.4 84.2 126.4
89 45.4 36.0 54.0

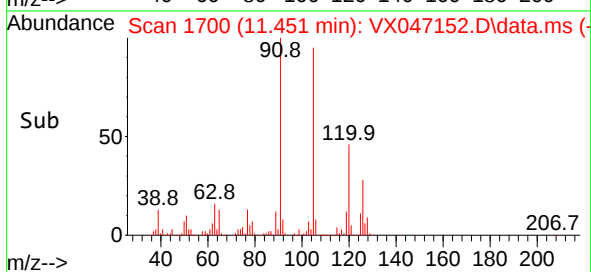
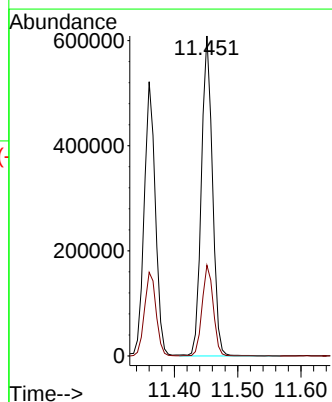
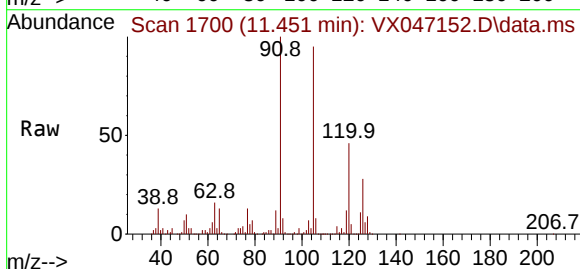
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#82
4-Chlorotoluene
Concen: 47.268 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

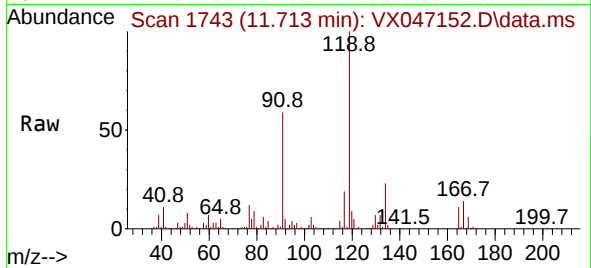
Tgt Ion: 91 Resp: 742930
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.3





#83
tert-Butylbenzene
Concen: 48.070 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

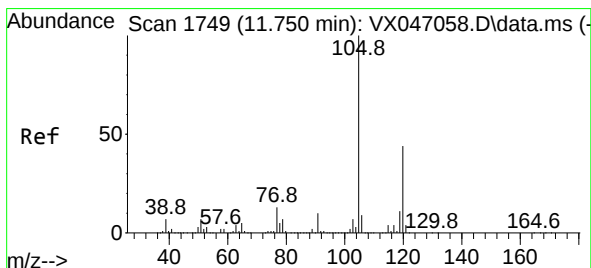
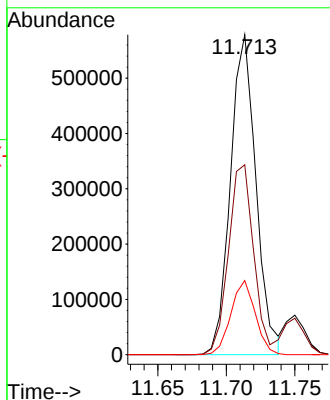
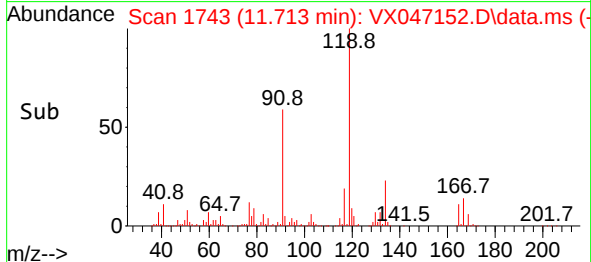
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



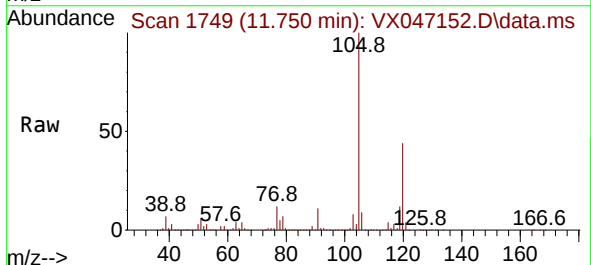
Tgt Ion:119 Resp: 751394
Ion Ratio Lower Upper
119 100
91 58.3 29.6 88.8
134 22.2 11.4 34.1

Manual Integrations
APPROVED

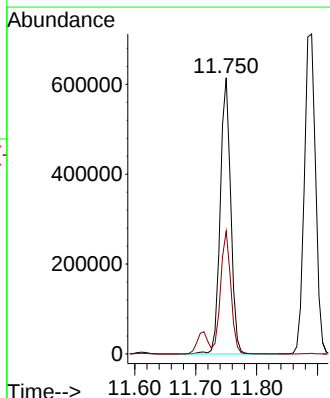
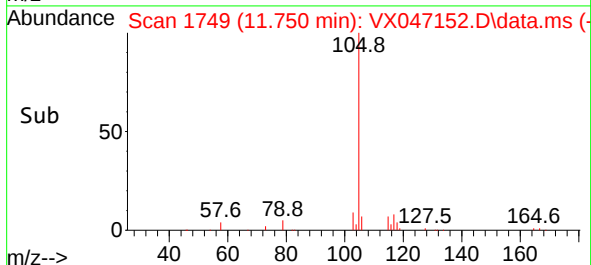
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

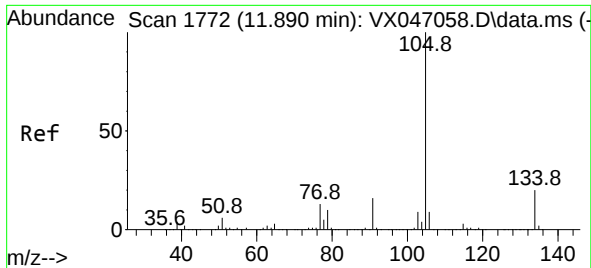


#84
1,2,4-Trimethylbenzene
Concen: 47.360 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



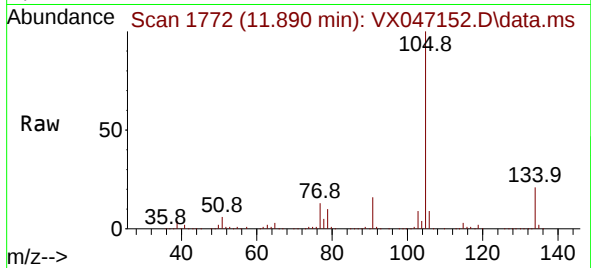
Tgt Ion:105 Resp: 735683
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.750 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047152.D
 Acq: 28 Jul 2025 09:23

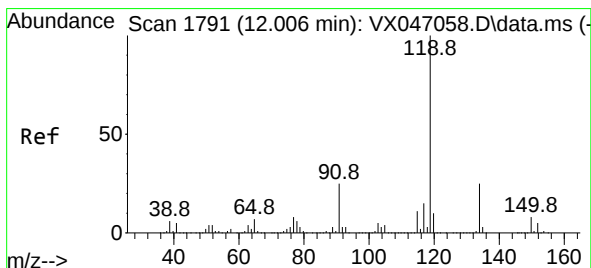
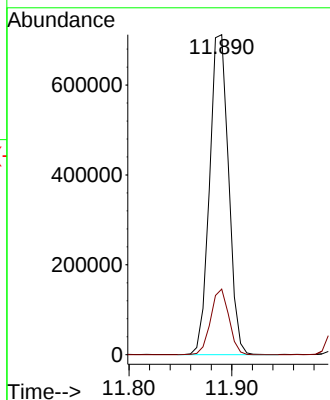
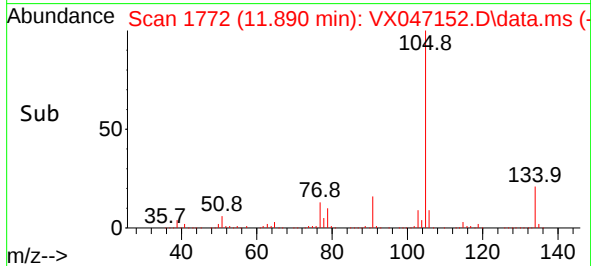
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



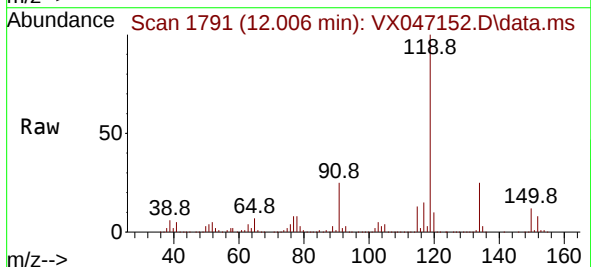
Tgt Ion:105 Resp: 913050
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
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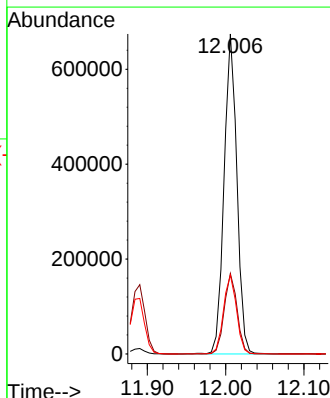
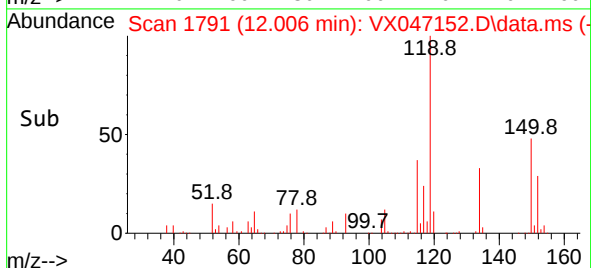
Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025

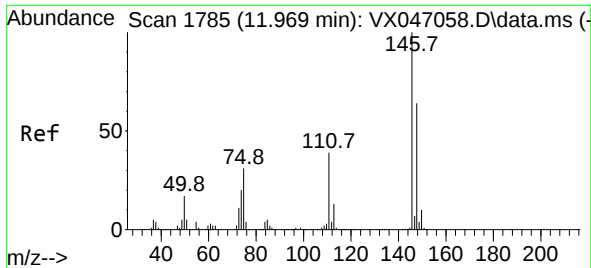


#86
 p-Isopropyltoluene
 Concen: 47.481 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047152.D
 Acq: 28 Jul 2025 09:23



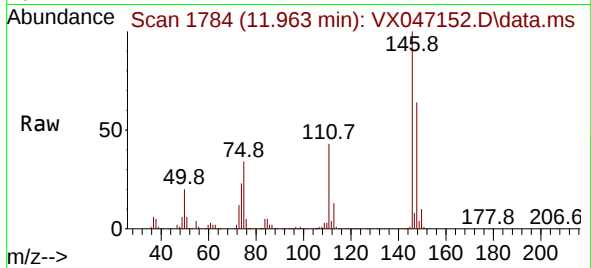
Tgt Ion:119 Resp: 769018
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 25.1 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 45.908 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

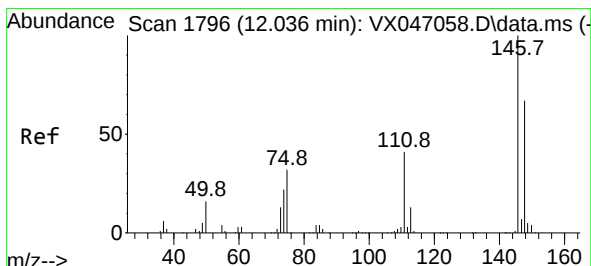
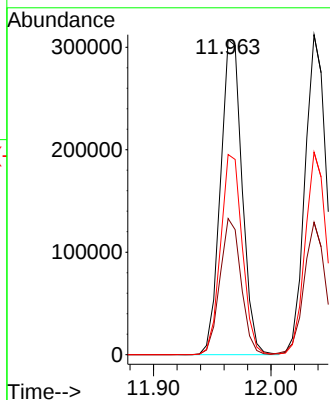
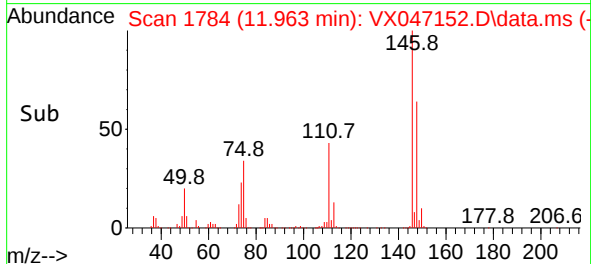
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



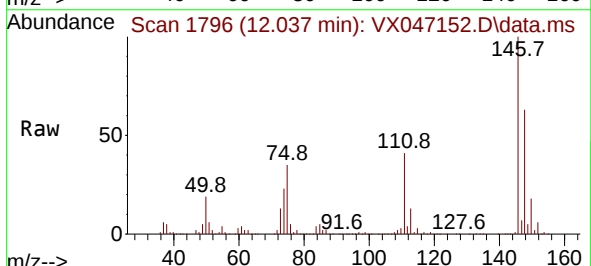
Tgt Ion:146 Resp: 394408
Ion Ratio Lower Upper
146 100
111 42.2 21.0 63.0
148 63.6 32.0 96.0

Manual Integrations
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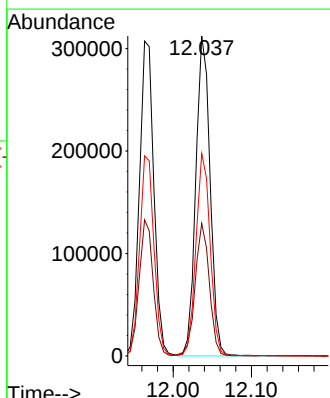
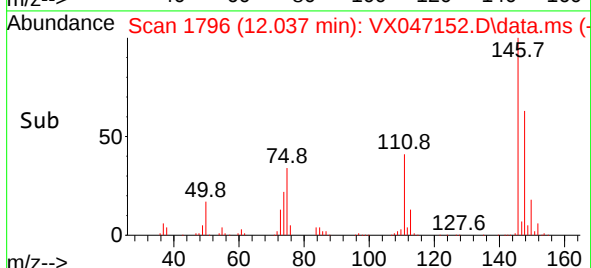
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

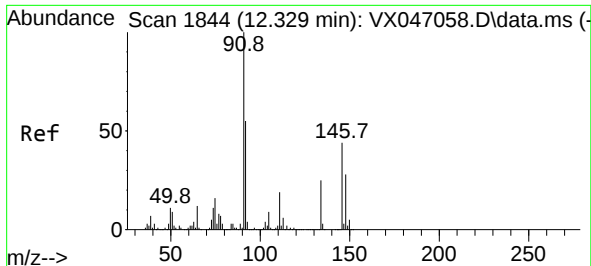


#88
1,4-Dichlorobenzene
Concen: 45.547 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



Tgt Ion:146 Resp: 396440
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.9
148 62.7 33.0 98.9





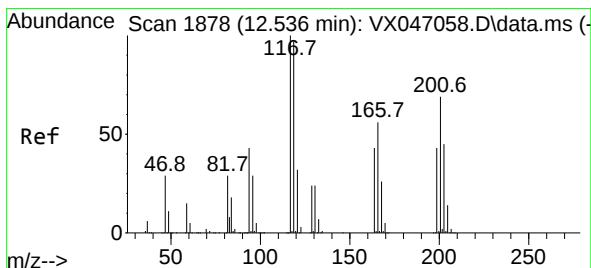
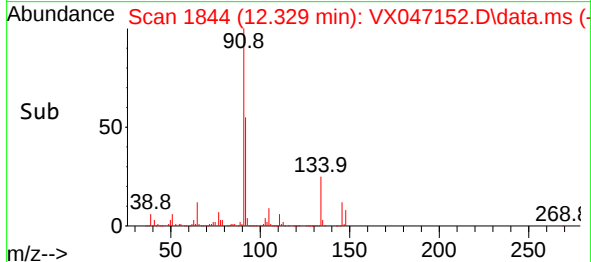
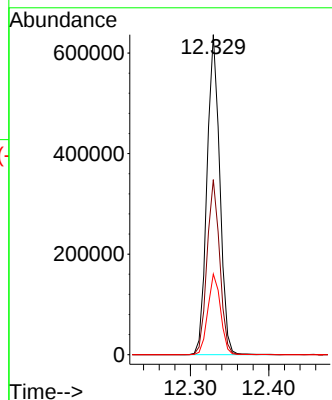
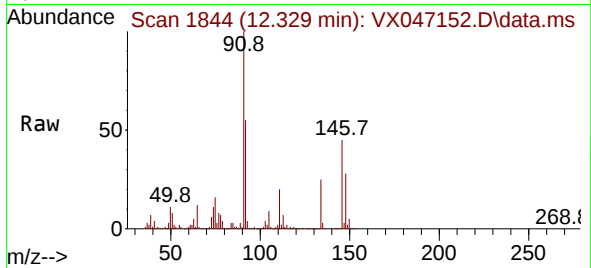
#89
n-Butylbenzene
Concen: 47.248 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 71764
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.5
134 25.2 12.8 38.3

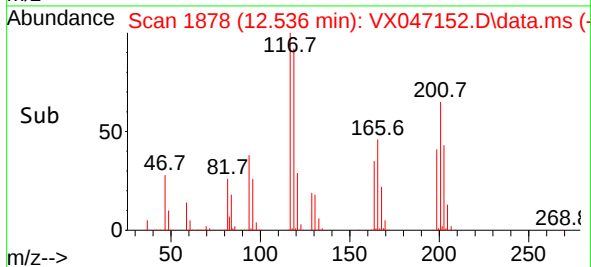
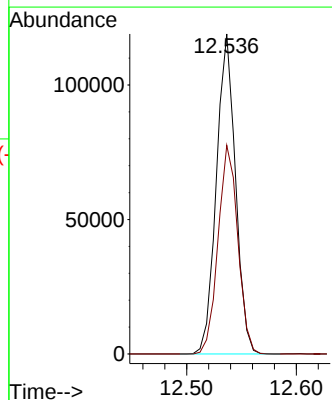
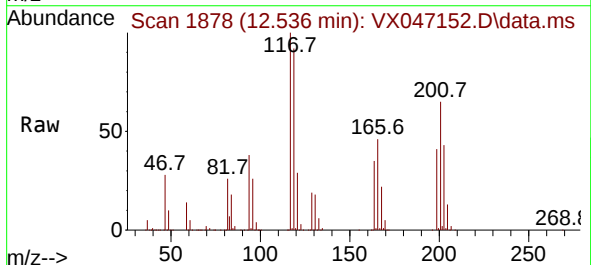
Manual Integrations
APPROVED

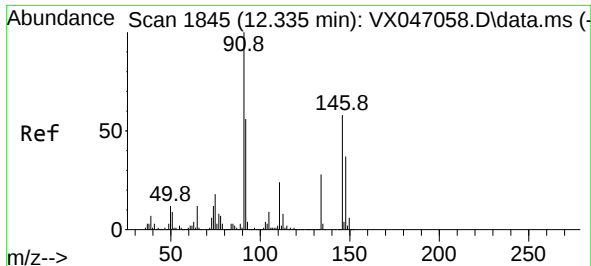
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#90
Hexachloroethane
Concen: 49.718 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion:117 Resp: 144057
Ion Ratio Lower Upper
117 100
201 67.4 34.8 104.5





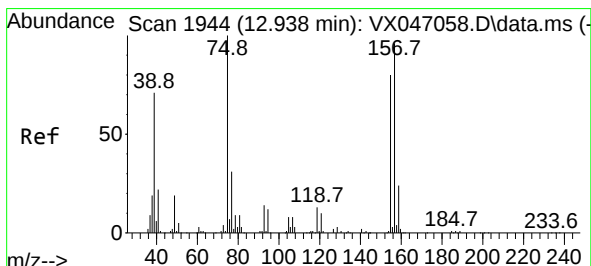
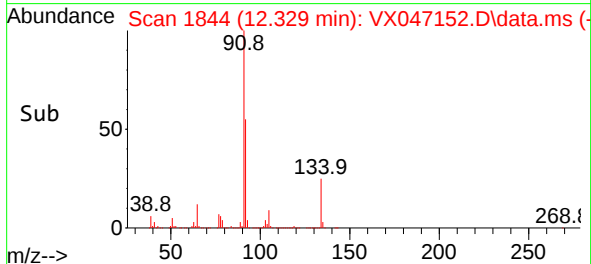
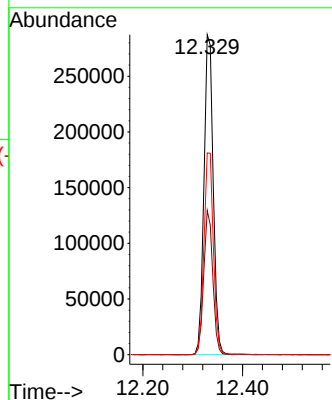
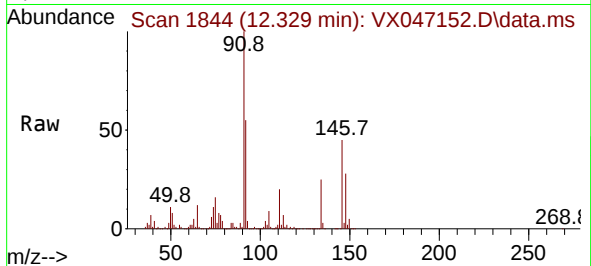
#91
1,2-Dichlorobenzene
Concen: 45.154 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 370762
Ion Ratio Lower Upper
146 100
111 44.1 21.6 64.6
148 64.3 31.9 95.7

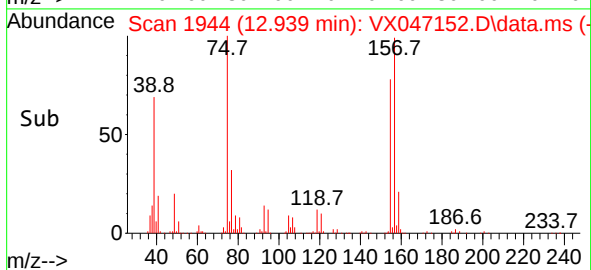
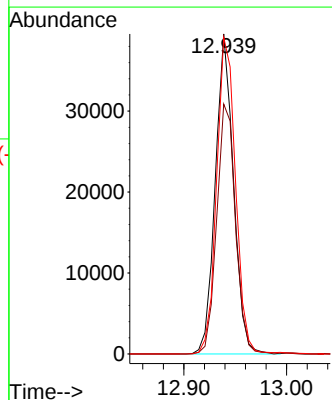
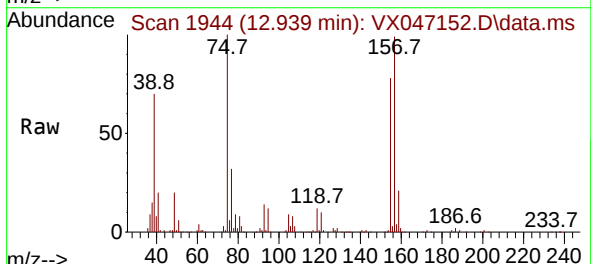
Manual Integrations
APPROVED

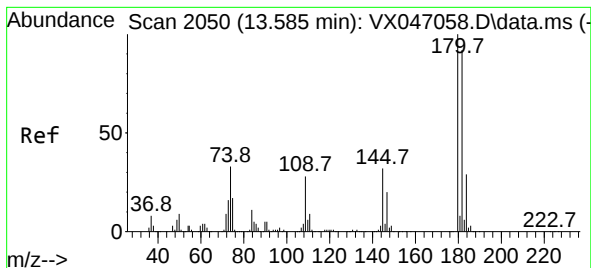
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.958 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

Tgt Ion: 75 Resp: 48536
Ion Ratio Lower Upper
75 100
155 80.1 41.3 124.1
157 102.9 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 46.076 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 24996

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

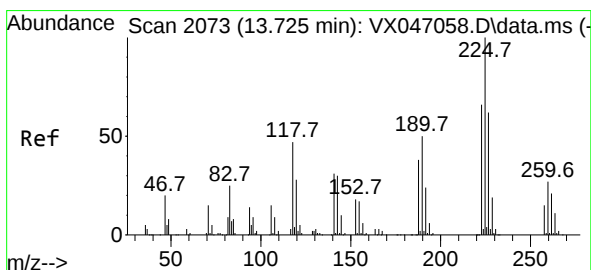
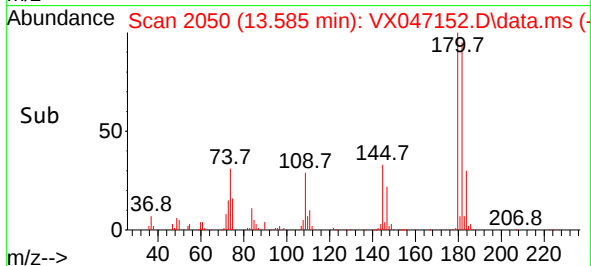
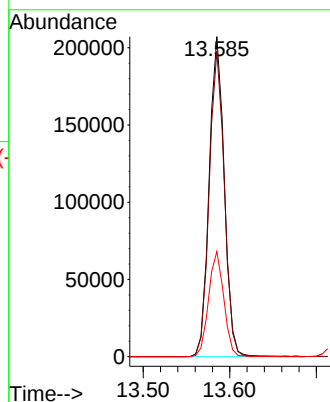
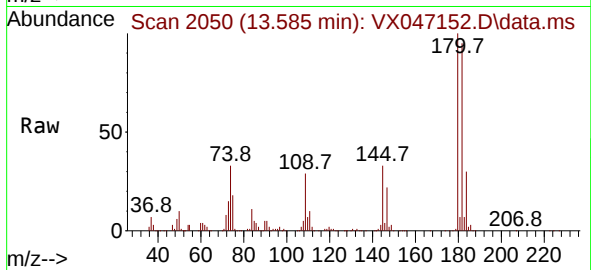
145 33.2 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#94

Hexachlorobutadiene

Concen: 45.994 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047152.D

Acq: 28 Jul 2025 09:23

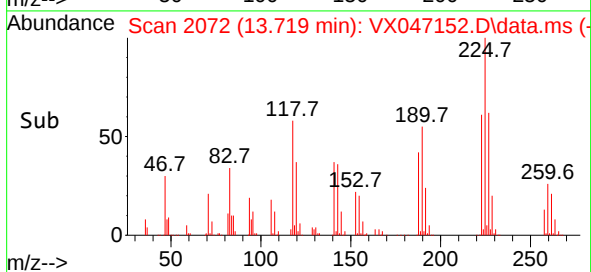
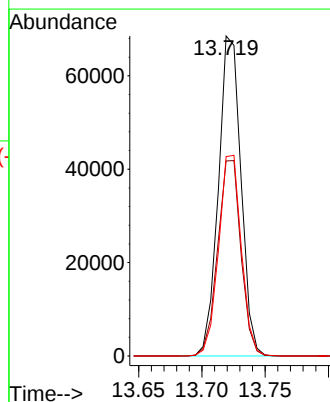
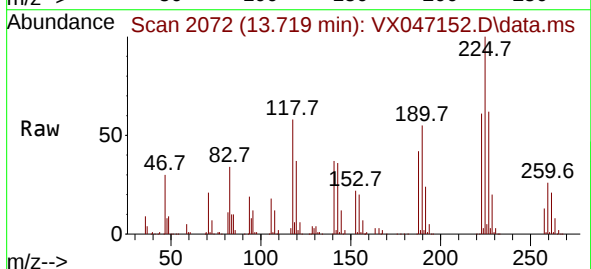
Tgt Ion:225 Resp: 84859

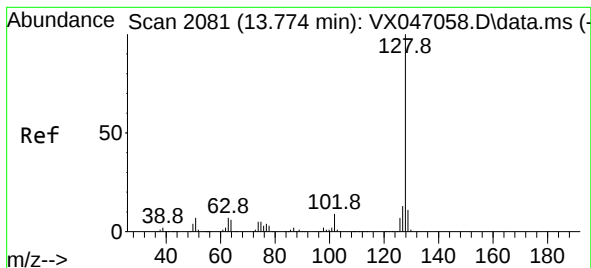
Ion Ratio Lower Upper

225 100

223 62.9 31.6 95.0

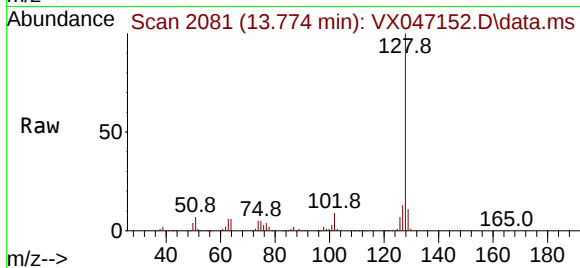
227 63.2 32.9 98.6





#95
Naphthalene
Concen: 46.309 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.001 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23

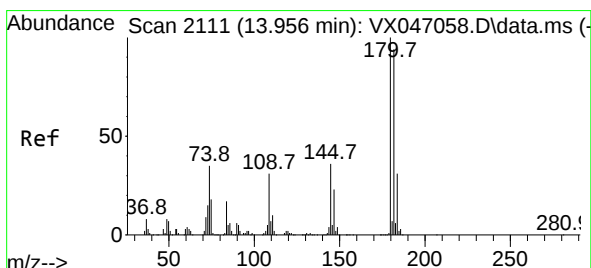
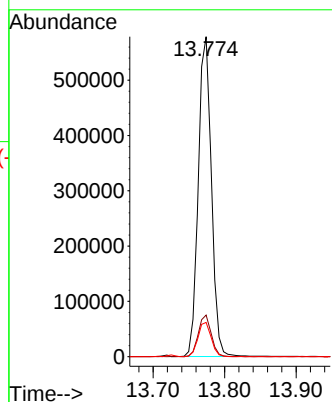
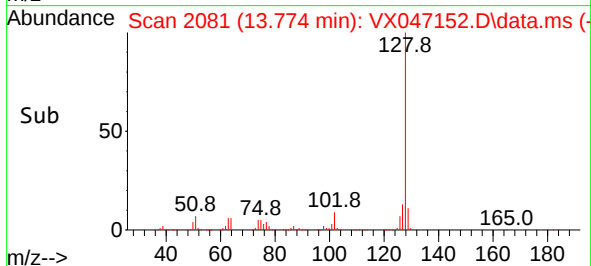
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



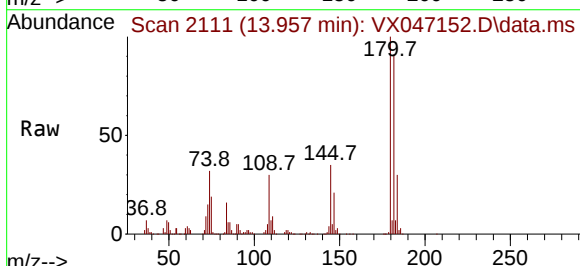
Tgt Ion:128 Resp: 736500
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.561 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047152.D
Acq: 28 Jul 2025 09:23



Tgt Ion:180 Resp: 238122
Ion Ratio Lower Upper
180 100
182 93.2 46.9 140.6
145 34.4 17.3 52.0

