

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073125\
 Data File : VX047194.D
 Acq On : 31 Jul 2025 11:35
 Operator : JC/MD
 Sample : VX0731WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2025
 Supervised By : Mahesh Dadoda 08/01/2025

Quant Time: Aug 01 01:47:54 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	5.562	168	256427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188757	59.092	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.180%#			
35) Dibromofluoromethane	5.391	113	160423	59.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.080%			
50) Toluene-d8	8.647	98	480632	54.622	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.240%			
62) 4-Bromofluorobenzene	11.079	95	226841	59.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	57116	16.769	ug/l	100
3) Chloromethane	1.313	50	50184	14.895	ug/l	98
4) Vinyl Chloride	1.392	62	60632	16.741	ug/l	97
5) Bromomethane	1.630	94	32440	16.489	ug/l	96
6) Chloroethane	1.709	64	36532	15.358	ug/l	99
7) Trichlorofluoromethane	1.904	101	91210	16.889	ug/l	99
8) Diethyl Ether	2.148	74	33189	17.430	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	57075	17.542	ug/l	96
10) Methyl Iodide	2.471	142	75847	22.873	ug/l	99
11) Tert butyl alcohol	2.953	59	36374	90.863	ug/l	96
12) 1,1-Dichloroethene	2.337	96	53150	16.493	ug/l	92
13) Acrolein	2.252	56	58005	84.336	ug/l	99
14) Allyl chloride	2.678	41	89795	15.415	ug/l	92
15) Acrylonitrile	3.081	53	148041	97.176	ug/l	100
16) Acetone	2.386	43	122873	96.022	ug/l	96
17) Carbon Disulfide	2.532	76	137287	14.726	ug/l	100
18) Methyl Acetate	2.715	43	77690	22.846	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	186448	19.011	ug/l	99
20) Methylene Chloride	2.800	84	61377	17.435	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	55116	16.714	ug/l	92
22) Diisopropyl ether	3.770	45	208940	18.656	ug/l	94
23) Vinyl Acetate	3.733	43	853767	95.045	ug/l	99
24) 1,1-Dichloroethane	3.623	63	109501	17.583	ug/l	100
25) 2-Butanone	4.562	43	182123	97.745	ug/l	99
26) 2,2-Dichloropropane	4.483	77	83388	17.297	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	70798	18.130	ug/l	95
28) Bromochloromethane	4.910	49	62920	21.960	ug/l	99
29) Tetrahydrofuran	5.019	42	116648	97.029	ug/l	98
30) Chloroform	5.105	83	113901	17.967	ug/l	97
31) Cyclohexane	5.477	56	98981	16.576	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	96307	17.490	ug/l	100
36) 1,1-Dichloropropene	5.702	75	77137	16.655	ug/l	99
37) Ethyl Acetate	4.727	43	82956	19.438	ug/l	97
38) Carbon Tetrachloride	5.690	117	84281	17.049	ug/l	99
39) Methylcyclohexane	7.385	83	94356	16.317	ug/l	96
40) Benzene	6.044	78	233833	17.445	ug/l	98

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Quant Time: Aug 01 01:47:54 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)
41) Methacrylonitrile	4.928	41	39866	17.865	ug/l #	91
42) 1,2-Dichloroethane	6.092	62	89105	18.872	ug/l	98
43) Isopropyl Acetate	6.342	43	130385	19.597	ug/l	98
44) Trichloroethene	7.129	130	58265	16.951	ug/l	95
45) 1,2-Dichloropropane	7.434	63	59909	17.846	ug/l	95
46) Dibromomethane	7.586	93	44756	19.011	ug/l	99
47) Bromodichloromethane	7.824	83	91853	18.331	ug/l	96
48) Methyl methacrylate	7.696	41	68318	18.849	ug/l	99
49) 1,4-Dioxane	7.720	88	17146	415.922	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	399994	101.145	ug/l	98
52) Toluene	8.720	92	146022	17.717	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85096	17.984	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	92679	17.896	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	58705	18.993	ug/l	99
56) Ethyl methacrylate	9.116	69	90569	19.793	ug/l	99
57) 1,3-Dichloropropane	9.305	76	100960	18.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	264347	103.818	ug/l	99
59) 2-Hexanone	9.427	43	277665	106.273	ug/l	99
60) Dibromochloromethane	9.519	129	68858	18.995	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59458	18.397	ug/l	99
64) Tetrachloroethene	9.275	164	48117	16.667	ug/l	95
65) Chlorobenzene	10.079	112	164097	17.491	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55933	17.708	ug/l	99
67) Ethyl Benzene	10.189	91	282215	17.204	ug/l	100
68) m/p-Xylenes	10.299	106	213462	34.774	ug/l	99
69) o-Xylene	10.640	106	103731	17.763	ug/l	98
70) Styrene	10.653	104	181733	18.148	ug/l	100
71) Bromoform	10.799	173	43861	18.280	ug/l #	99
73) Isopropylbenzene	10.963	105	276593	17.526	ug/l	100
74) N-amyl acetate	10.842	43	114867	18.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87201	19.344	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70463m	19.031	ug/l	
77) Bromobenzene	11.195	156	68040	17.975	ug/l	97
78) n-propylbenzene	11.299	91	329100	17.451	ug/l	100
79) 2-Chlorotoluene	11.360	91	199554	17.702	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	232206	17.810	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19299	13.429	ug/l	97
82) 4-Chlorotoluene	11.451	91	235069	17.865	ug/l	100
83) tert-Butylbenzene	11.713	119	234987	17.957	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	232382	17.869	ug/l	99
85) sec-Butylbenzene	11.890	105	292608	17.896	ug/l	100
86) p-Isopropyltoluene	12.006	119	245768	18.126	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	128029	17.801	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	128150	17.587	ug/l	99
89) n-Butylbenzene	12.329	91	229410	18.042	ug/l	99
90) Hexachloroethane	12.536	117	41623	17.159	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	121771	17.715	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17973	20.771	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	83945	18.483	ug/l	100
94) Hexachlorobutadiene	13.719	225	31368	20.308	ug/l	97
95) Naphthalene	13.774	128	261410	19.634	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	81635	18.658	ug/l	99

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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

Manual Integrations

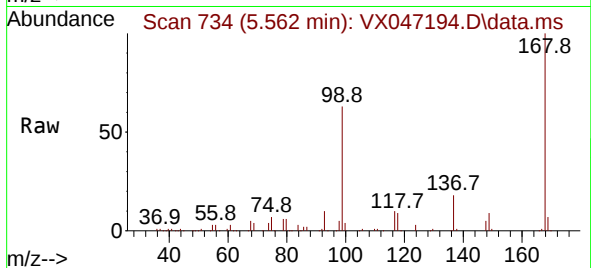
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

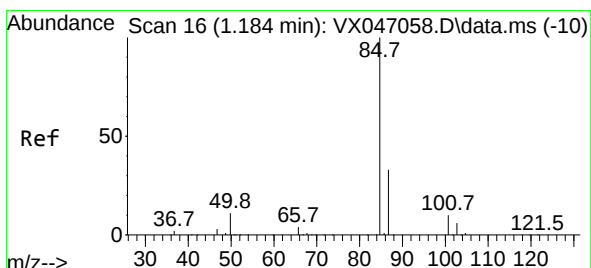
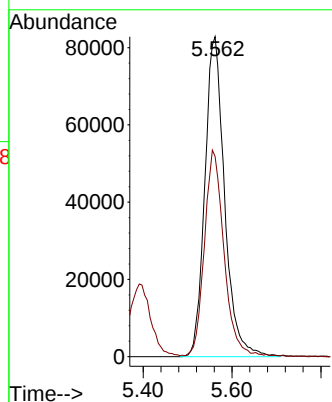
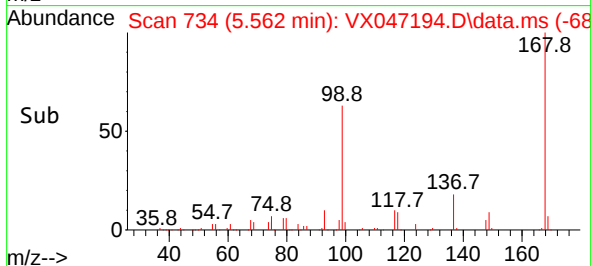
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion:168 Resp: 25642
Ion Ratio Lower Upper
168 100
99 62.4 48.0 72.0

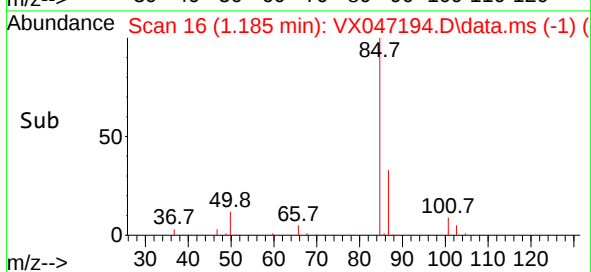
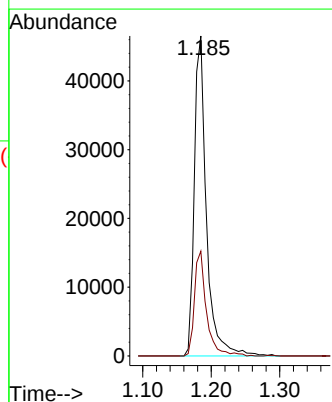
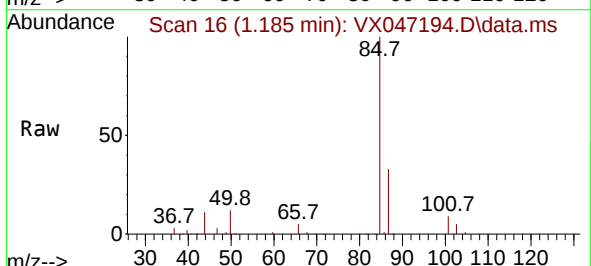
Manual Integrations
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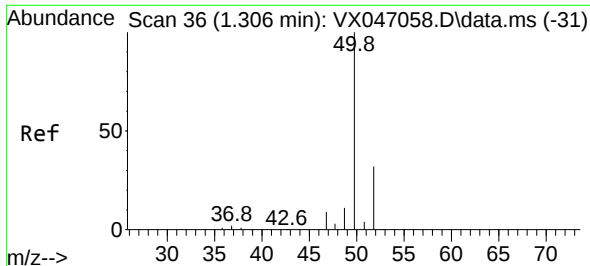
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#2
Dichlorodifluoromethane
Concen: 16.769 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 85 Resp: 57116
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.8





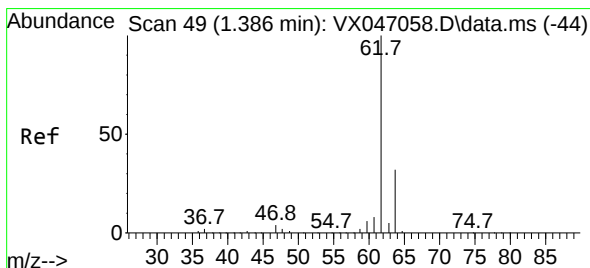
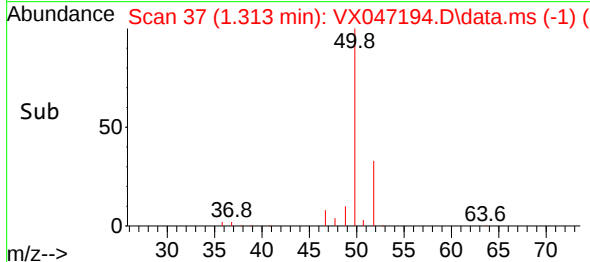
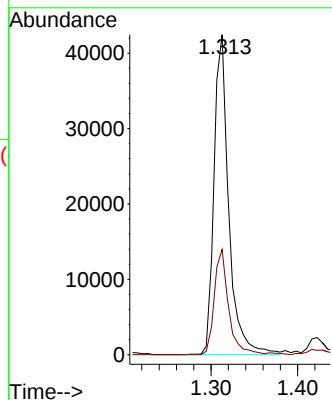
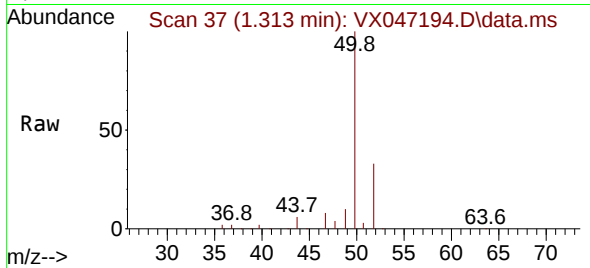
#3
Chloromethane
Concen: 14.895 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 50 Resp: 50184
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

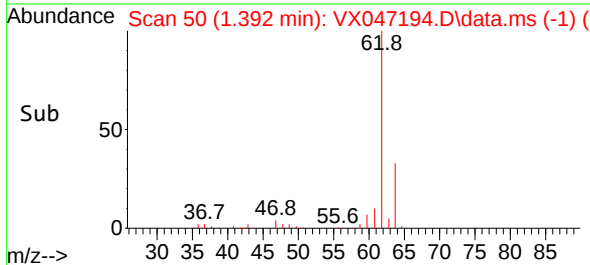
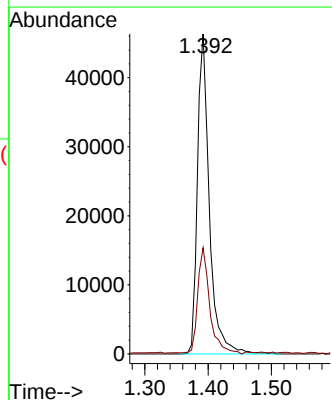
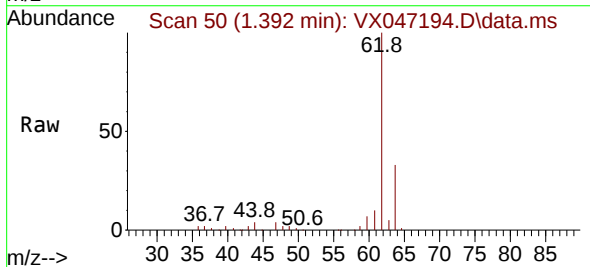
Manual Integrations
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#4
Vinyl Chloride
Concen: 16.741 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

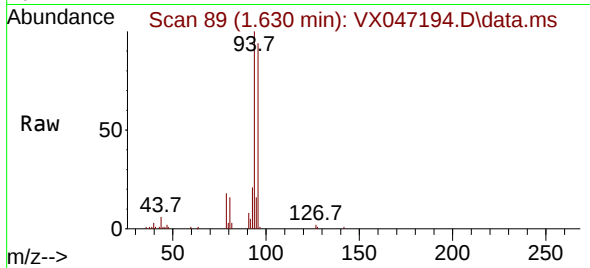
Tgt Ion: 62 Resp: 60632
Ion Ratio Lower Upper
62 100
64 33.4 25.2 37.8





#5
Bromomethane
Concen: 16.489 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

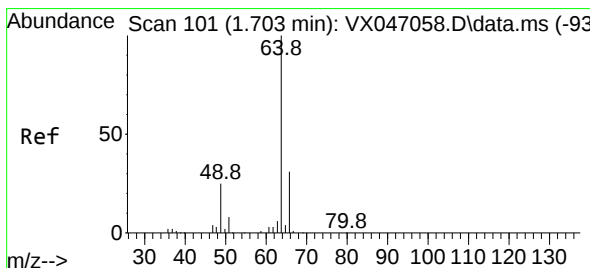
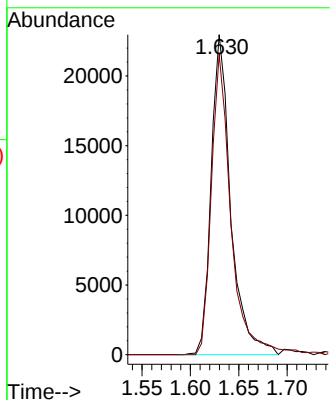
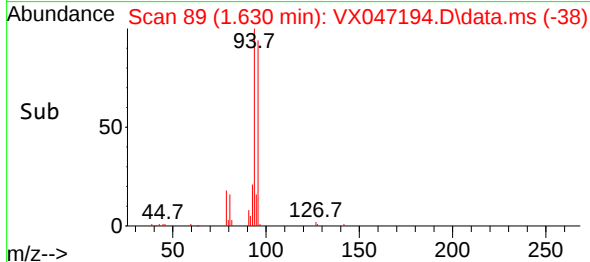
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 94 Resp: 32440
Ion Ratio Lower Upper
94 100
96 93.9 72.3 108.5

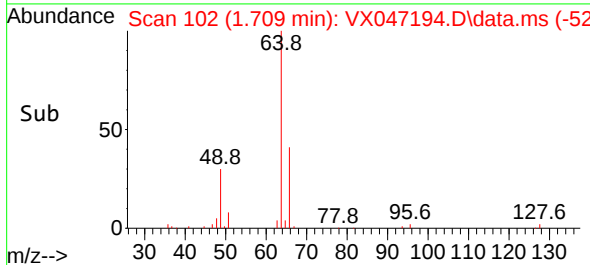
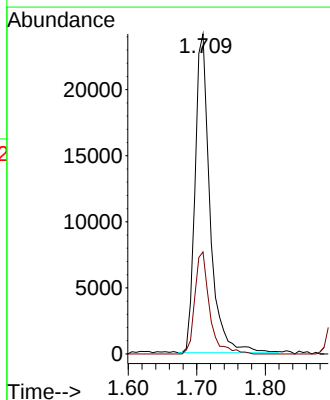
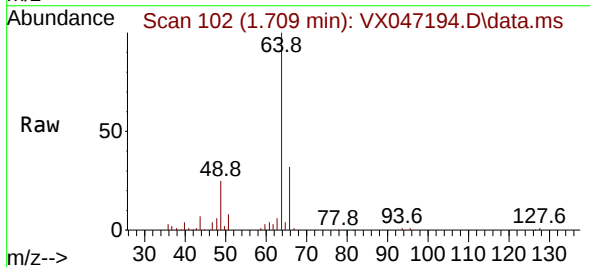
Manual Integrations
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#6
Chloroethane
Concen: 15.358 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

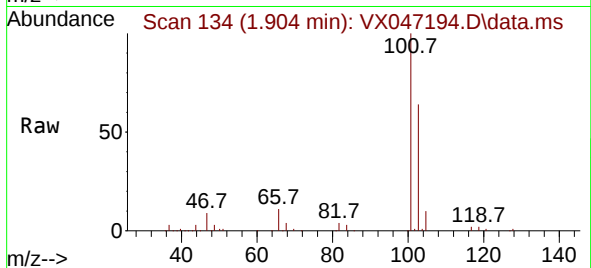
Tgt Ion: 64 Resp: 36532
Ion Ratio Lower Upper
64 100
66 32.0 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 16.889 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35

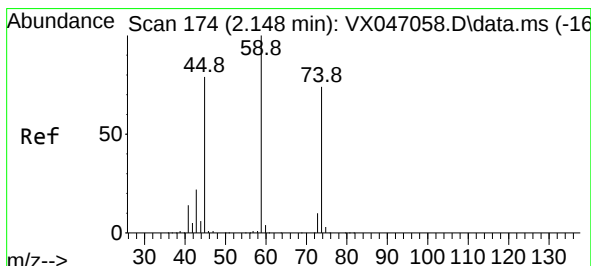
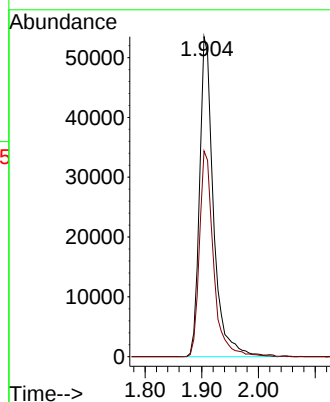
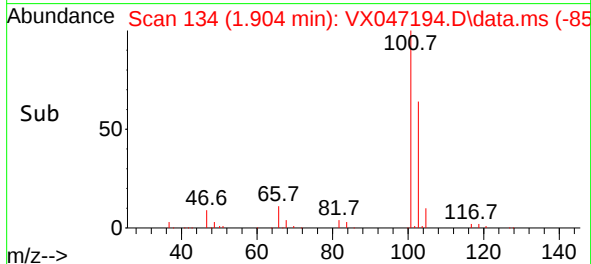
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01



Tgt Ion:101 Resp: 91210
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.9 76.3

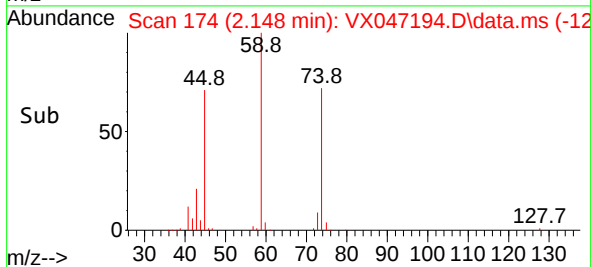
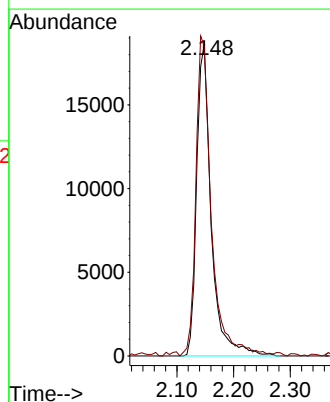
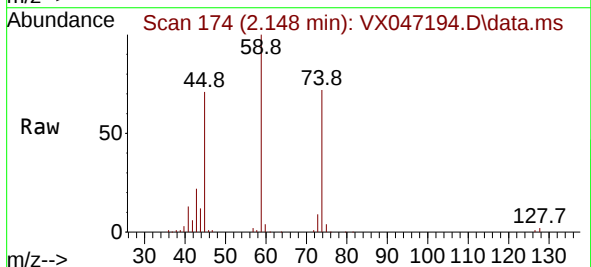
Manual Integrations
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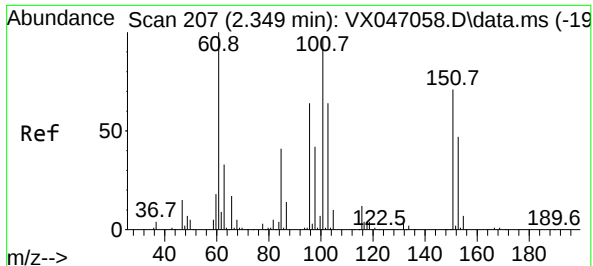
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025



#8
 Diethyl Ether
 Concen: 17.430 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35

Tgt Ion: 74 Resp: 33189
 Ion Ratio Lower Upper
 74 100
 45 108.9 53.0 159.0





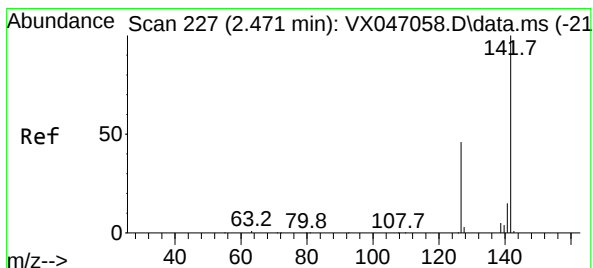
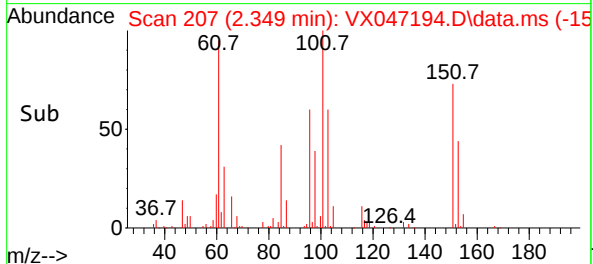
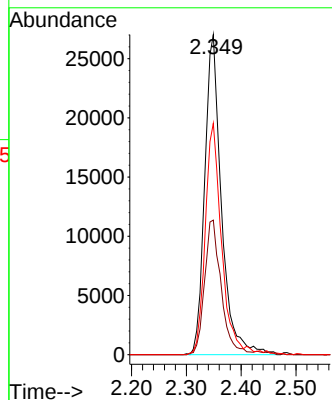
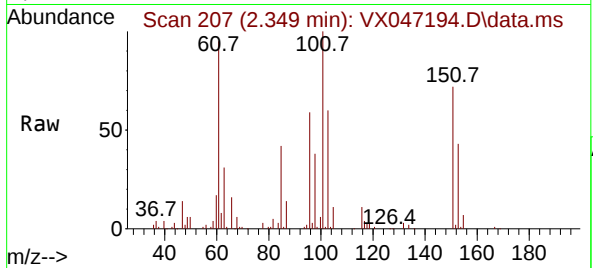
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.542 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047194.D
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Instrument :
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Tgt Ion:101 Resp: 5707
Ion Ratio Lower Upper
101 100
85 41.8 35.4 53.0
151 70.6 59.2 88.8

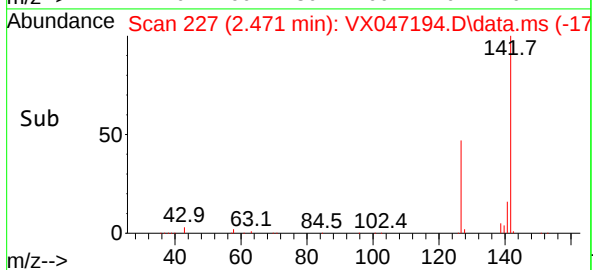
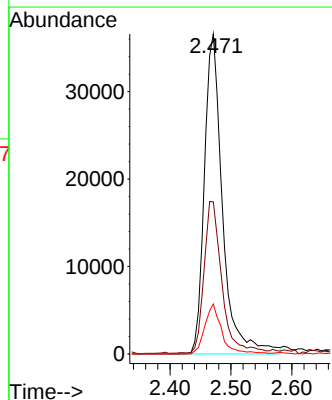
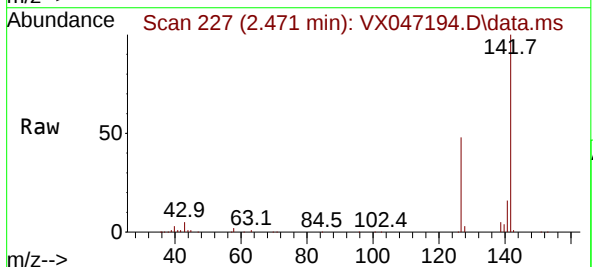
Manual Integrations
APPROVED

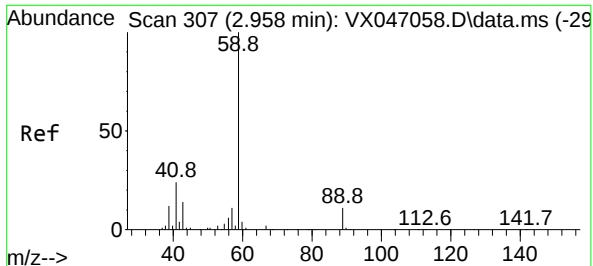
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#10
Methyl Iodide
Concen: 22.873 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion:142 Resp: 75847
Ion Ratio Lower Upper
142 100
127 46.5 36.6 54.8
141 14.6 10.9 16.3





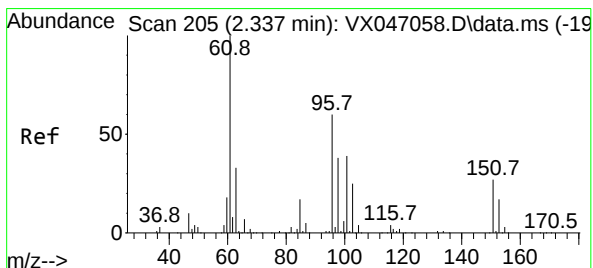
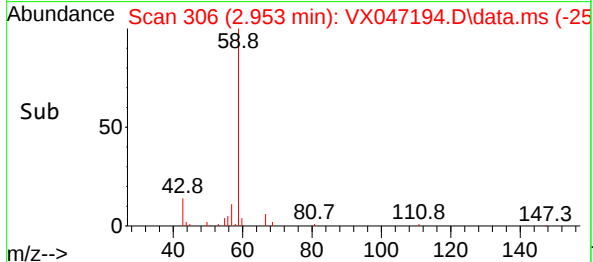
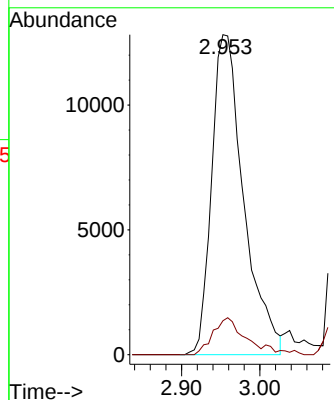
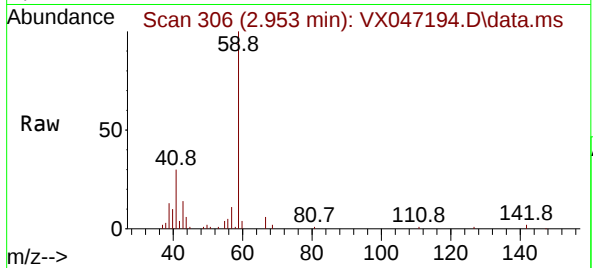
#11
Tert butyl alcohol
Concen: 90.863 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 59 Resp: 36374
Ion Ratio Lower Upper
59 100
57 12.2 8.5 12.7

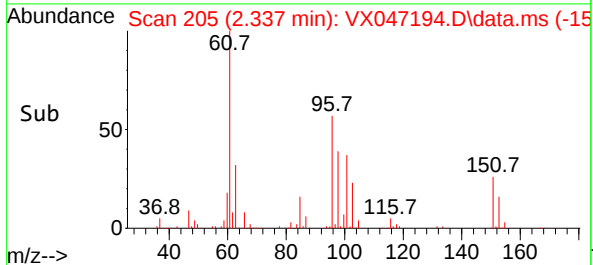
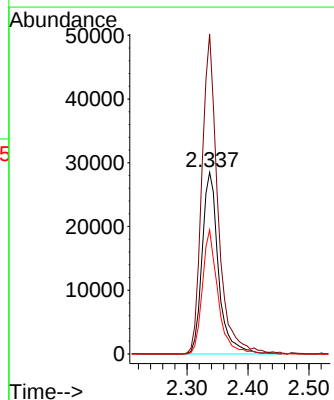
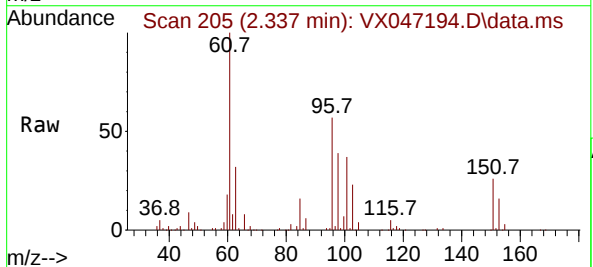
Manual Integrations
APPROVED

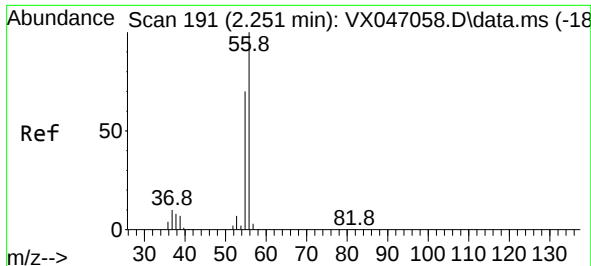
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#12
1,1-Dichloroethene
Concen: 16.493 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

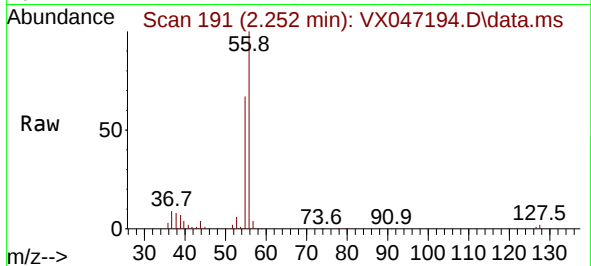
Tgt Ion: 96 Resp: 53150
Ion Ratio Lower Upper
96 100
61 176.2 132.6 198.8
98 70.3 50.2 75.4





#13
Acrolein
Concen: 84.336 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

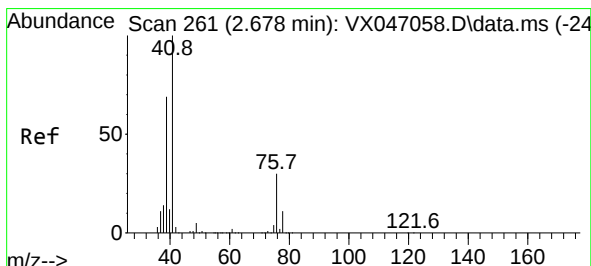
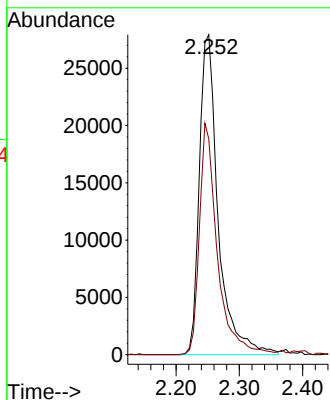
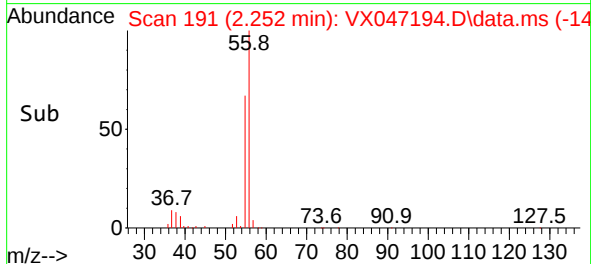
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 56 Resp: 5800
Ion Ratio Lower Upper
56 100
55 68.7 55.7 83.5

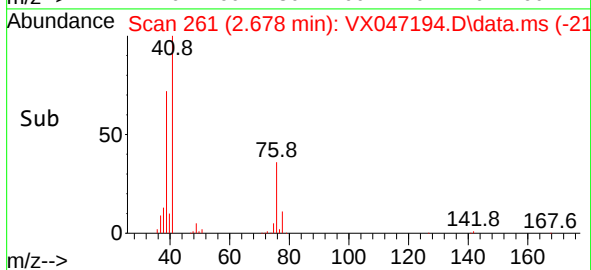
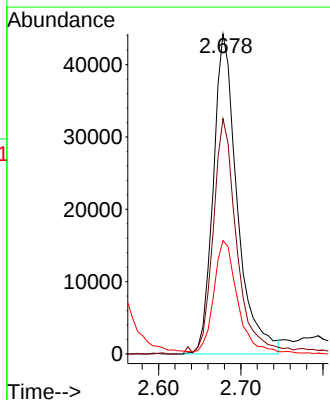
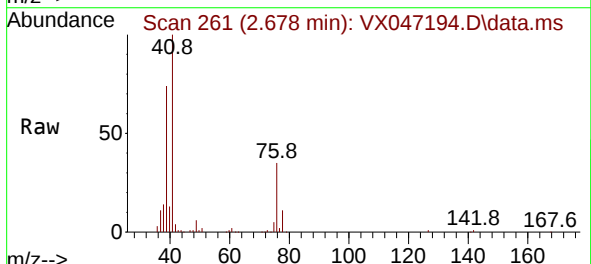
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#14
Allyl chloride
Concen: 15.415 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

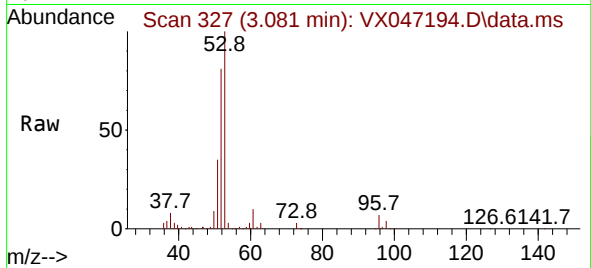
Tgt Ion: 41 Resp: 89795
Ion Ratio Lower Upper
41 100
39 72.4 52.6 78.8
76 35.8 25.7 38.5





#15
Acrylonitrile
Concen: 97.176 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

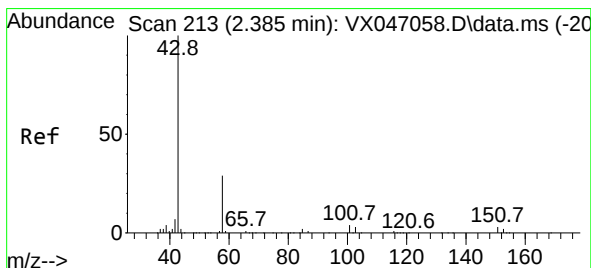
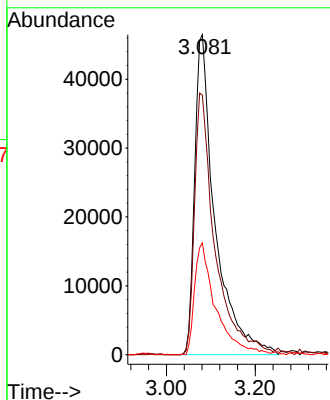
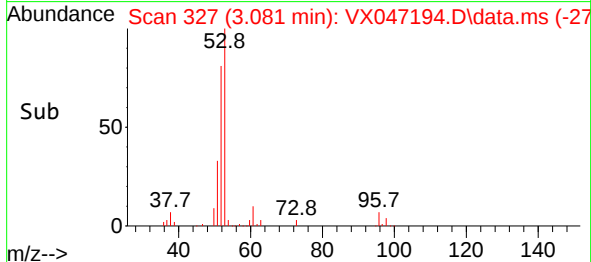
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 53 Resp: 14804
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 36.2 28.8 43.2

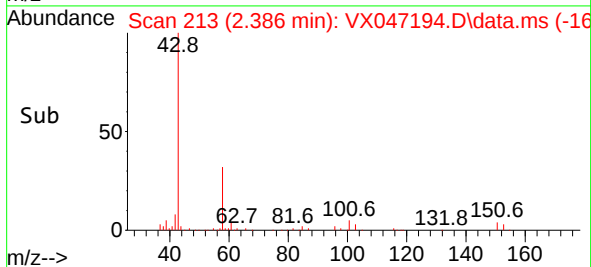
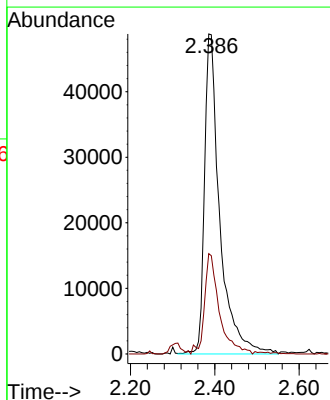
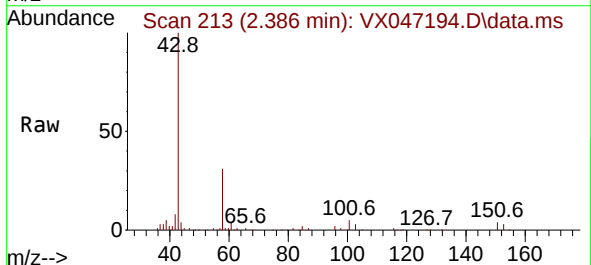
Manual Integrations
APPROVED

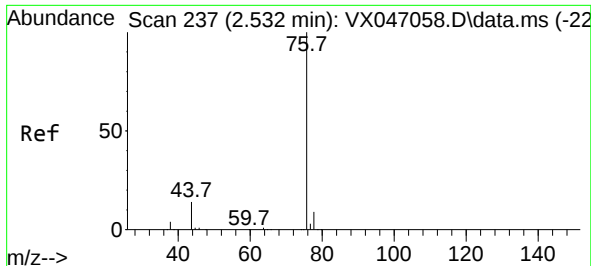
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#16
Acetone
Concen: 96.022 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 43 Resp: 122873
Ion Ratio Lower Upper
43 100
58 32.2 24.0 36.0





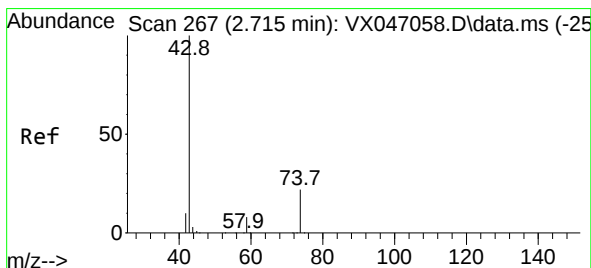
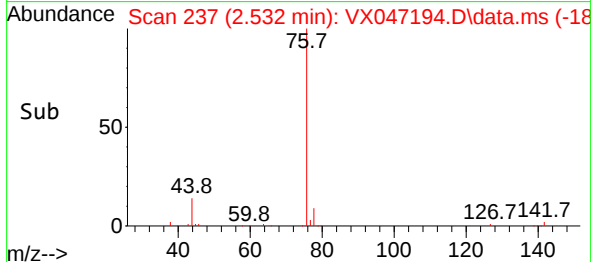
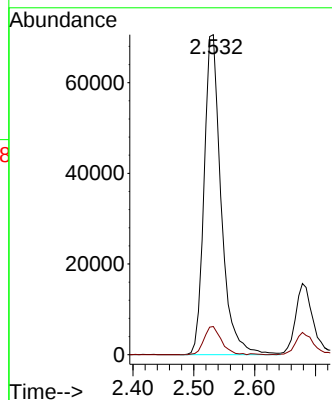
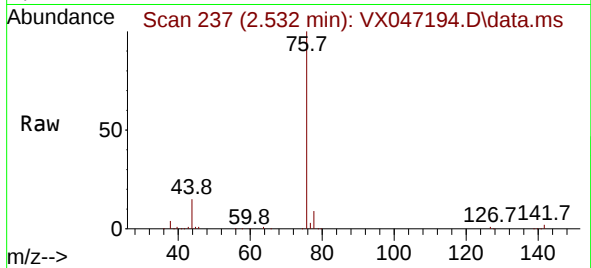
#17
Carbon Disulfide
Concen: 14.726 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 76 Resp: 13728
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

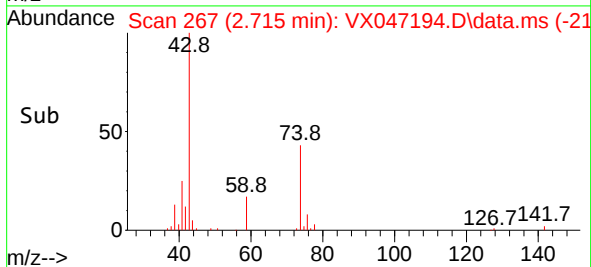
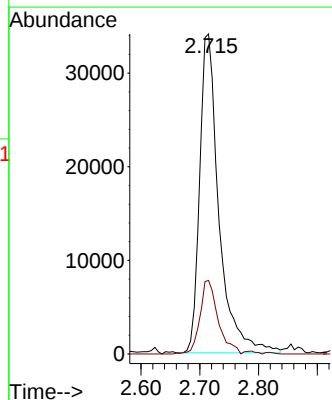
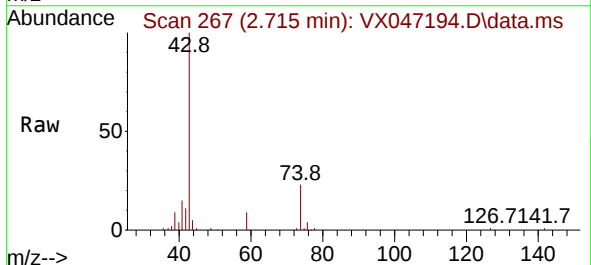
Manual Integrations
APPROVED

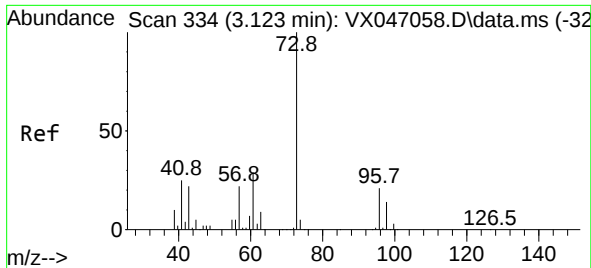
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#18
Methyl Acetate
Concen: 22.846 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 43 Resp: 77690
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5





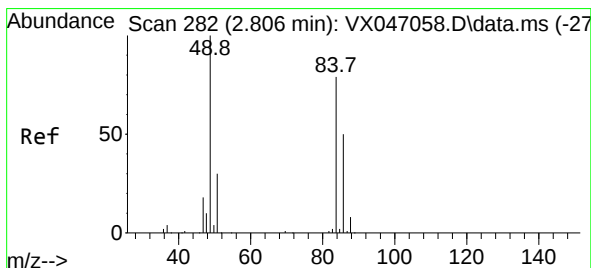
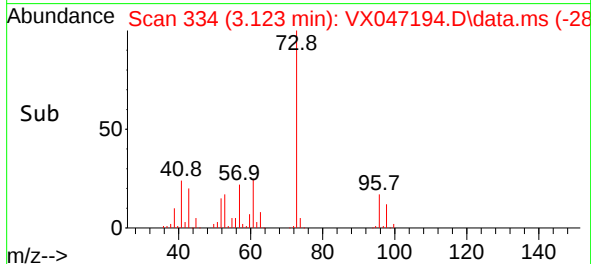
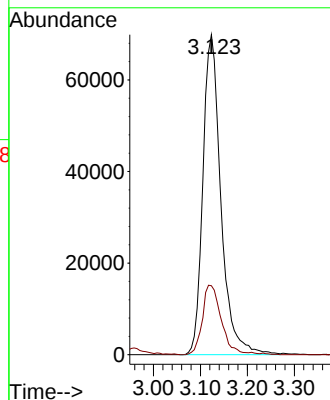
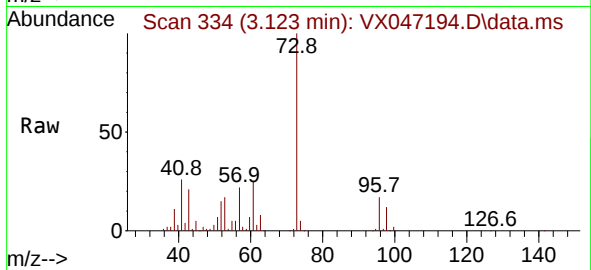
#19
Methyl tert-butyl Ether
Concen: 19.011 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 73 Resp: 186448
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

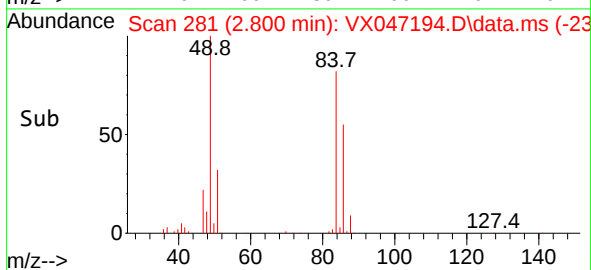
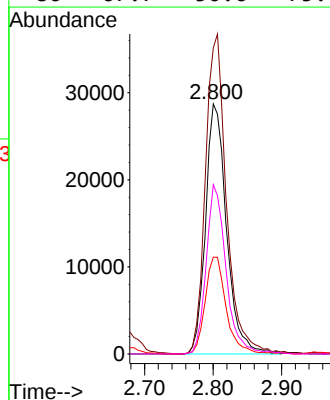
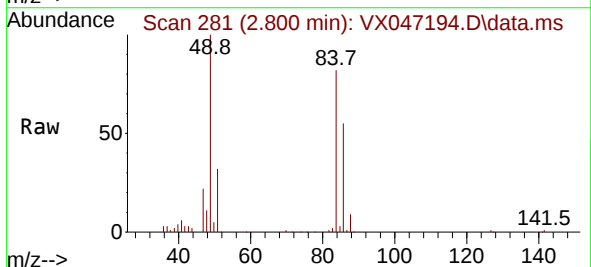
Manual Integrations
APPROVED

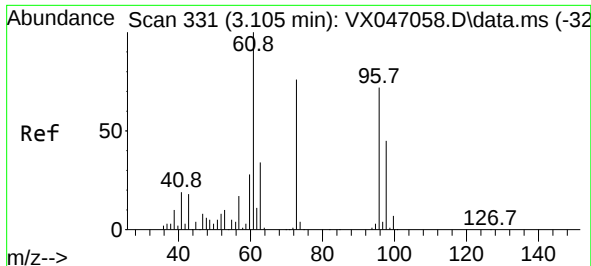
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#20
Methylene Chloride
Concen: 17.435 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 84 Resp: 61377
Ion Ratio Lower Upper
84 100
49 122.4 101.6 152.4
51 38.7 30.3 45.5
86 67.7 50.6 75.8





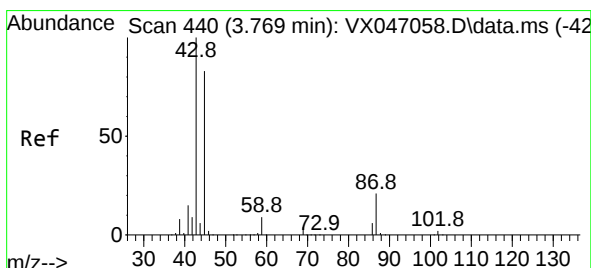
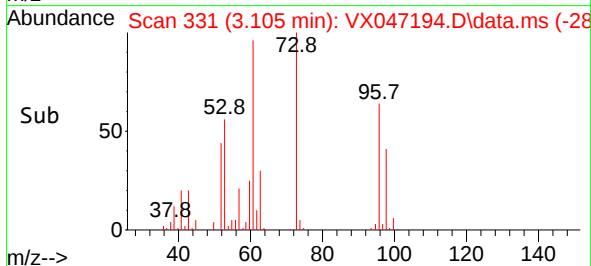
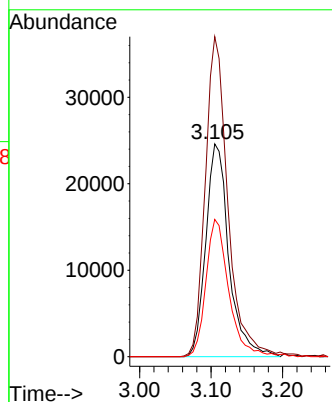
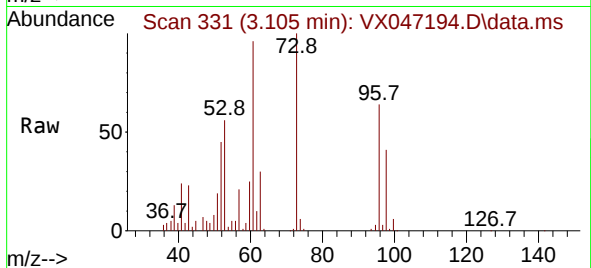
#21
trans-1,2-Dichloroethene
Concen: 16.714 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 96 Resp: 55110
Ion Ratio Lower Upper
96 100
61 150.4 111.1 166.7
98 66.7 49.6 74.4

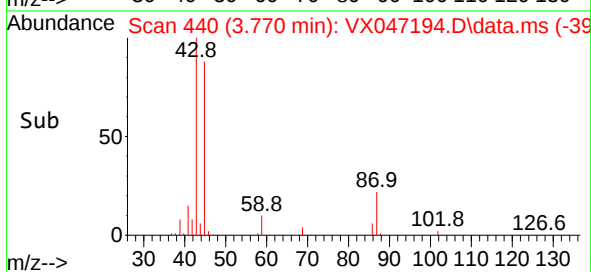
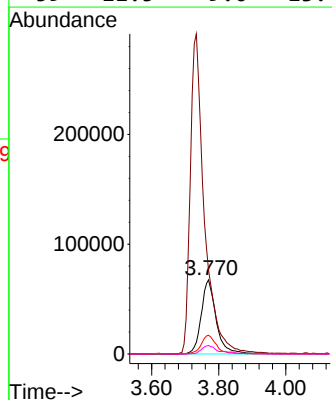
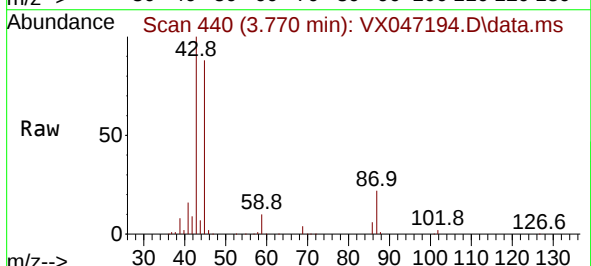
Manual Integrations
APPROVED

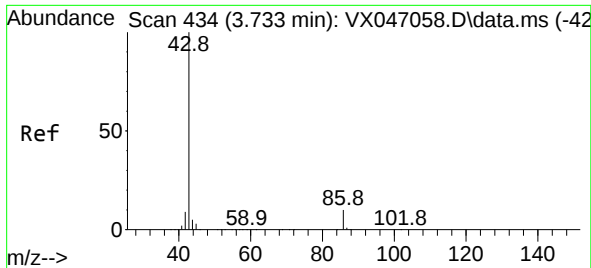
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#22
Diisopropyl ether
Concen: 18.656 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 45 Resp: 208940
Ion Ratio Lower Upper
45 100
43 112.5 96.8 145.2
87 25.4 20.5 30.7
59 11.5 9.0 13.4





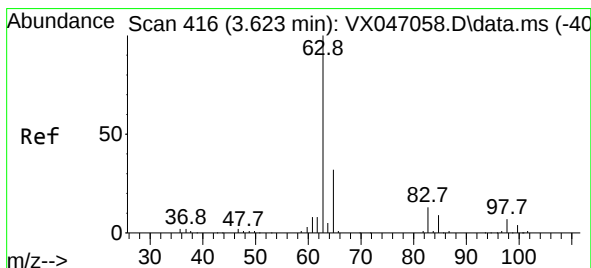
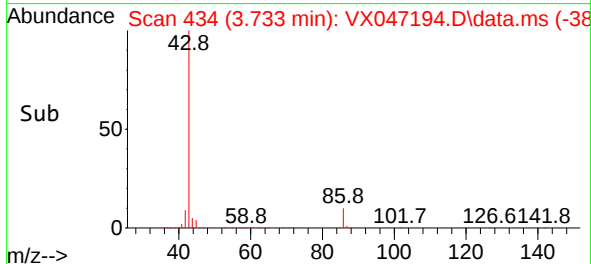
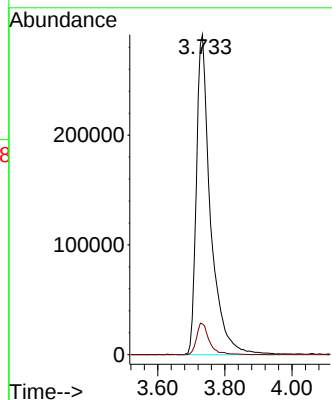
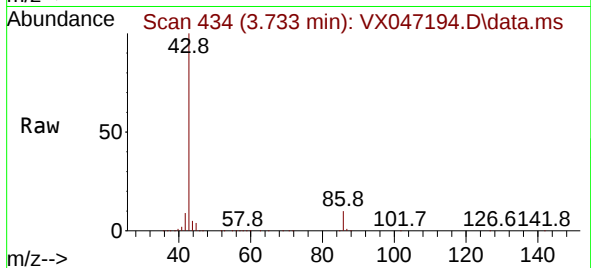
#23
 Vinyl Acetate
 Concen: 95.045 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tgt Ion: 43 Resp: 85376
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.1 12.1

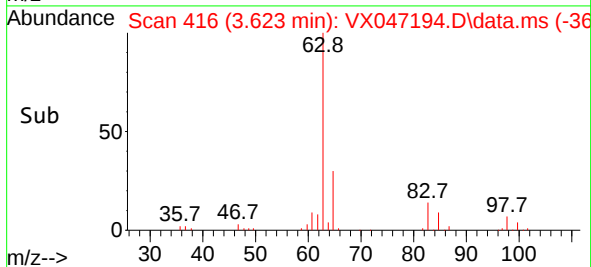
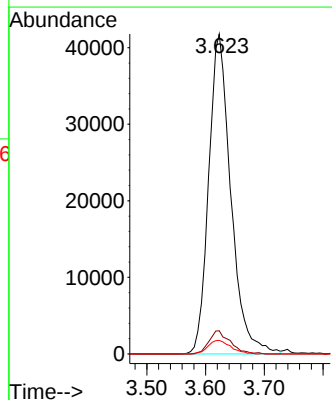
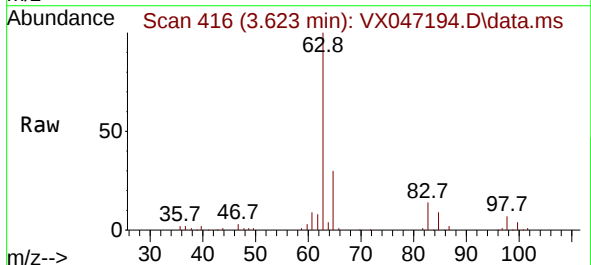
Manual Integrations
 APPROVED

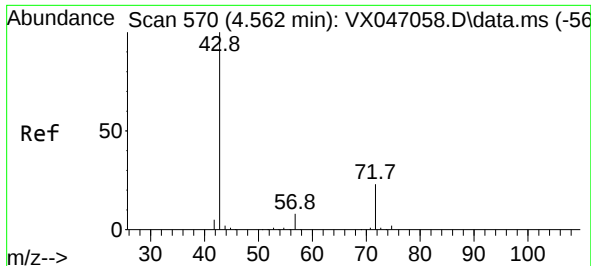
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025



#24
 1,1-Dichloroethane
 Concen: 17.583 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35

Tgt Ion: 63 Resp: 109501
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.2 2.3 6.8





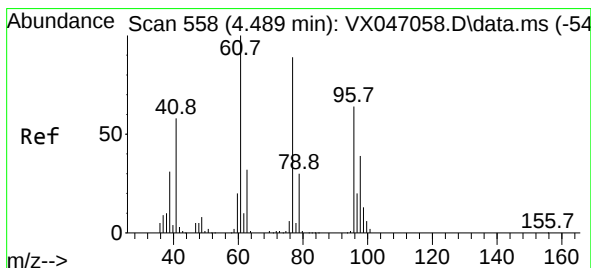
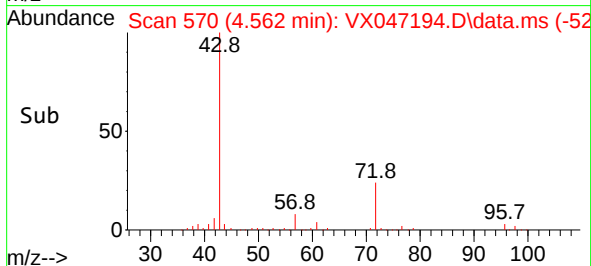
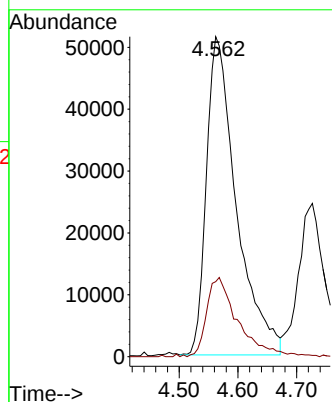
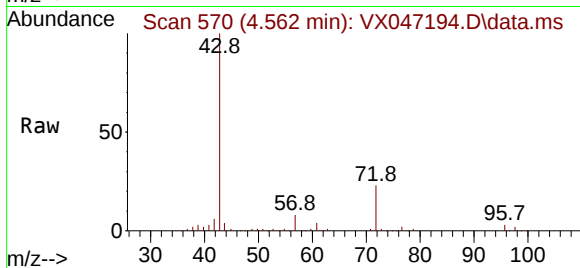
#25
2-Butanone
Concen: 97.745 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 43 Resp: 18212
Ion Ratio Lower Upper
43 100
72 23.0 18.8 28.2

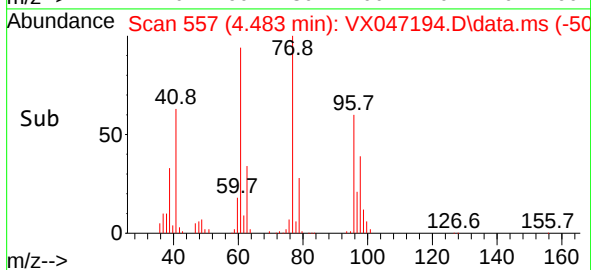
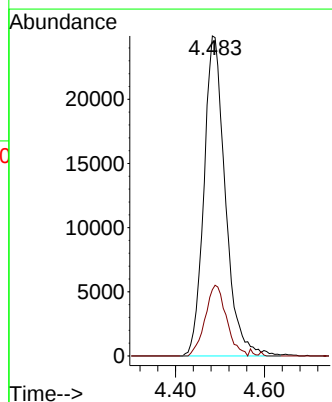
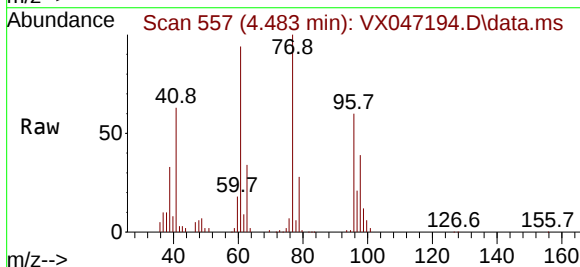
Manual Integrations
APPROVED

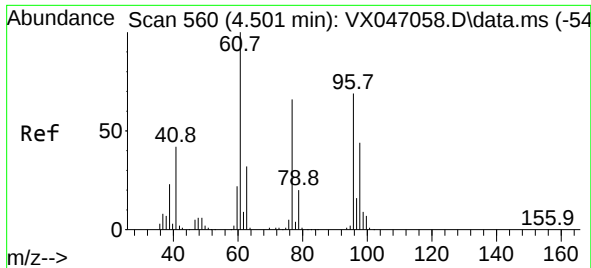
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#26
2,2-Dichloropropane
Concen: 17.297 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

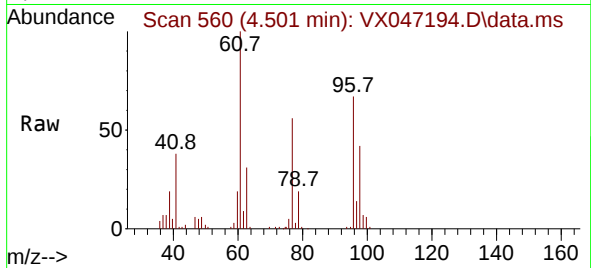
Tgt Ion: 77 Resp: 83388
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.130 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35

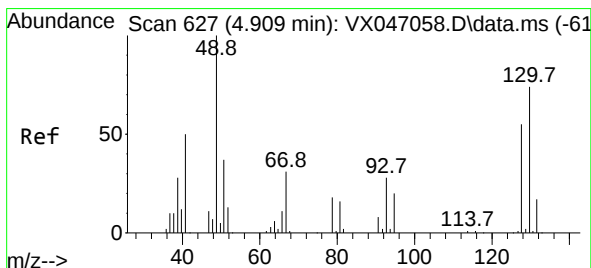
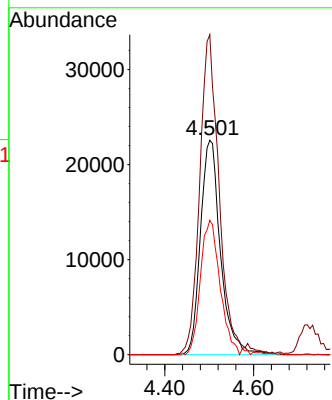
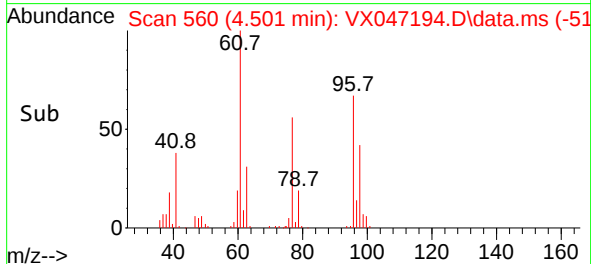
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01



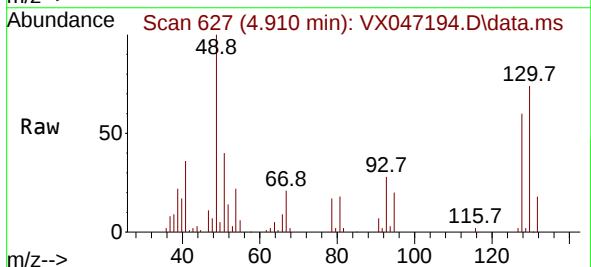
Tgt Ion: 96 Resp: 70798
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 298.6
 98 61.1 0.0 128.8

Manual Integrations
 APPROVED

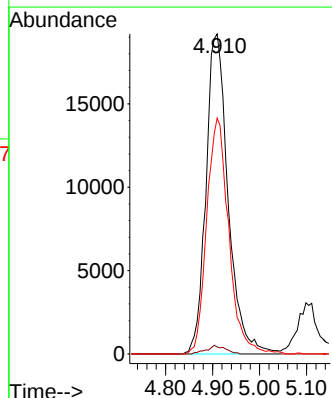
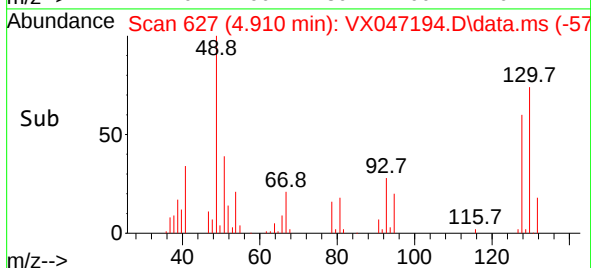
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025

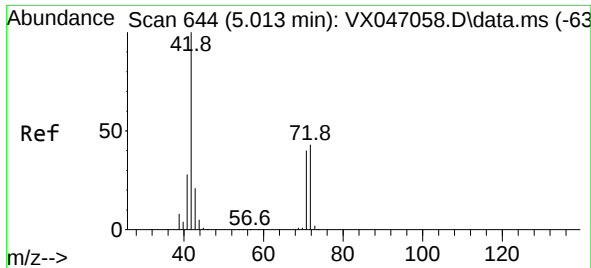


#28
 Bromochloromethane
 Concen: 21.960 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35



Tgt Ion: 49 Resp: 62920
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 73.2 59.0 88.4





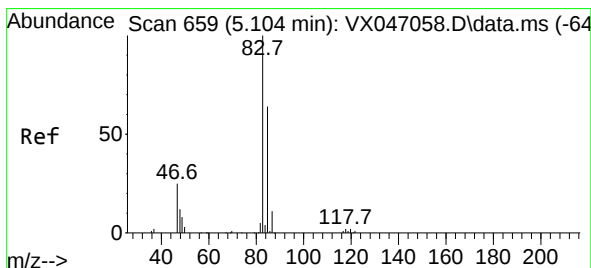
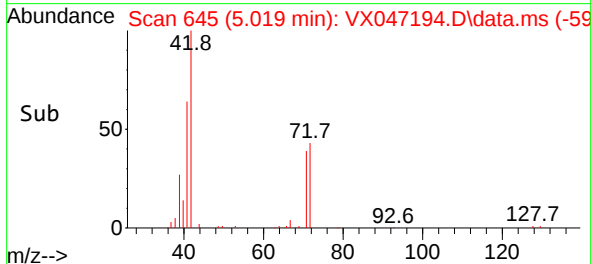
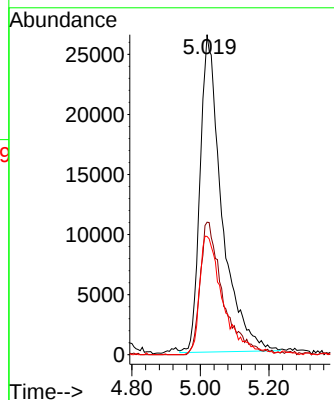
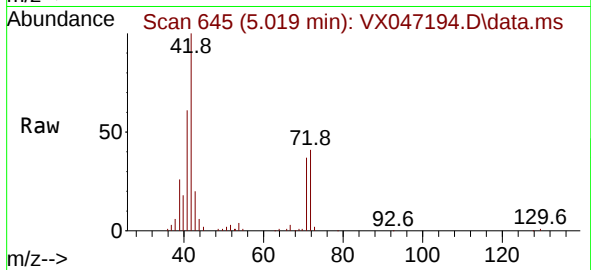
#29
Tetrahydrofuran
Concen: 97.029 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 42 Resp: 116648
Ion Ratio Lower Upper
42 100
72 43.3 33.7 50.5
71 40.3 31.0 46.4

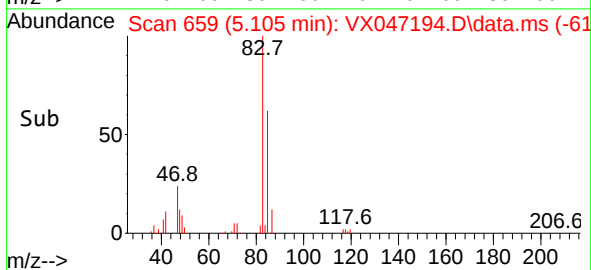
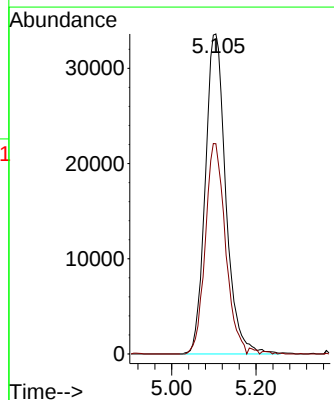
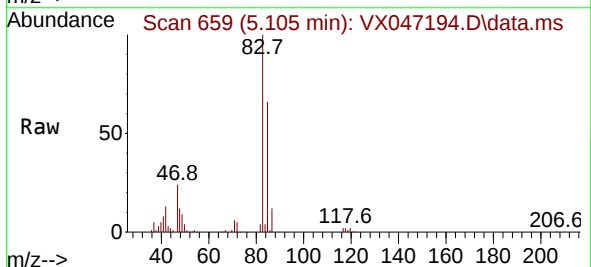
Manual Integrations
APPROVED

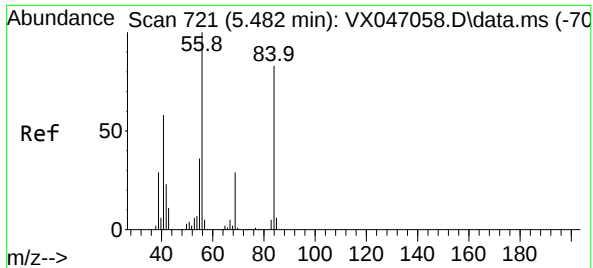
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#30
Chloroform
Concen: 17.967 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

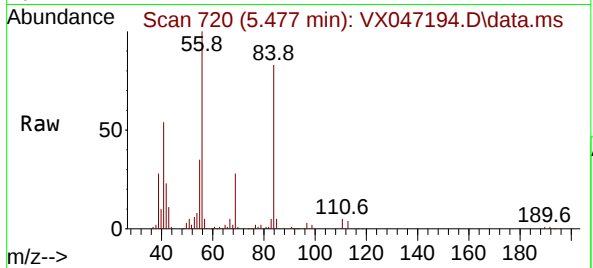
Tgt Ion: 83 Resp: 113901
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3





#31
Cyclohexane
Concen: 16.576 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

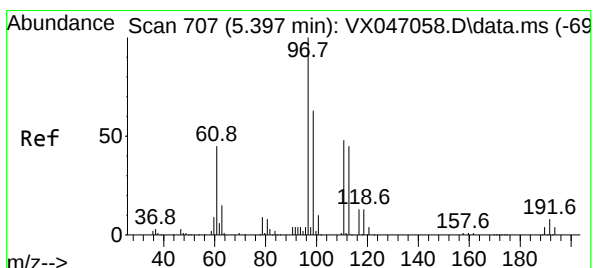
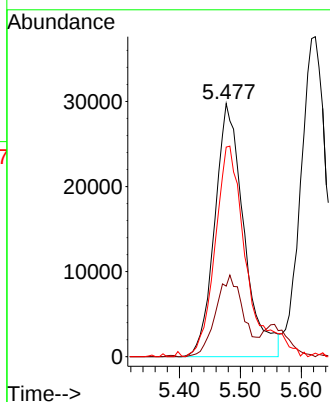
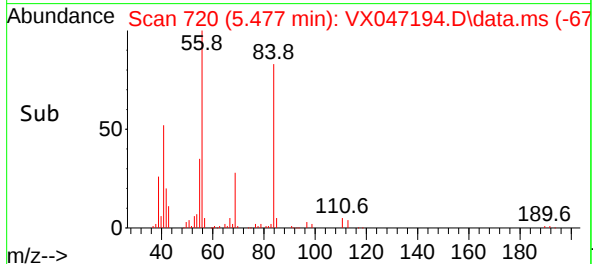
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 56 Resp: 9898
Ion Ratio Lower Upper
56 100
69 27.9 23.3 34.9
84 80.8 66.5 99.7

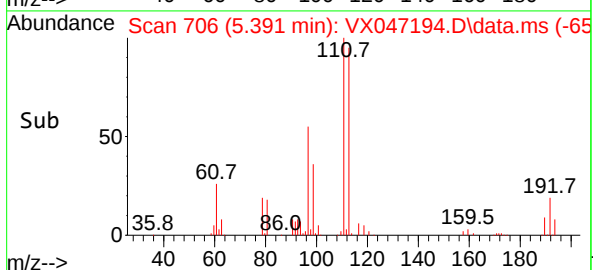
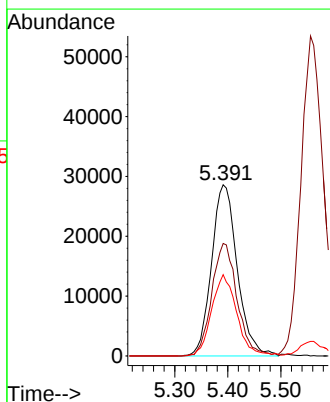
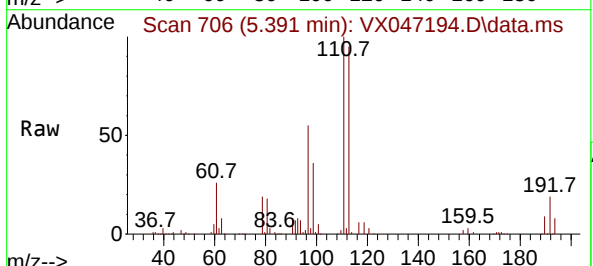
Manual Integrations
APPROVED

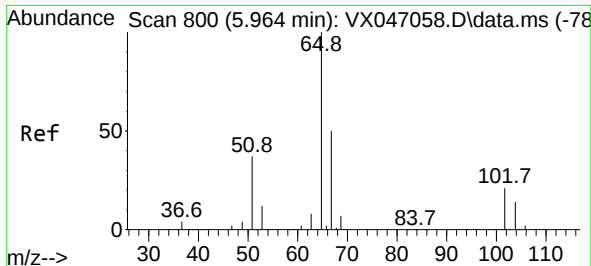
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#32
1,1,1-Trichloroethane
Concen: 17.490 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 97 Resp: 96307
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 46.5 37.1 55.7





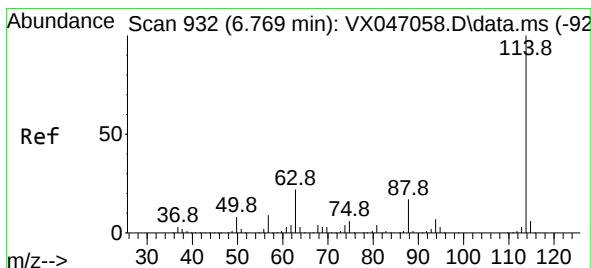
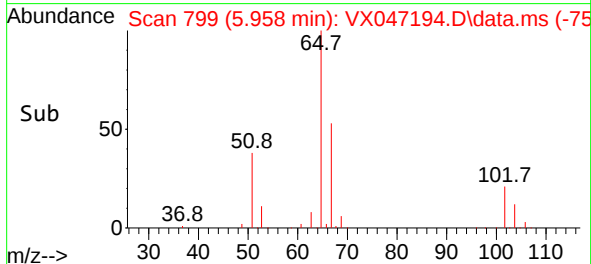
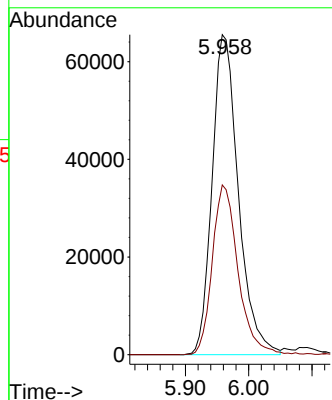
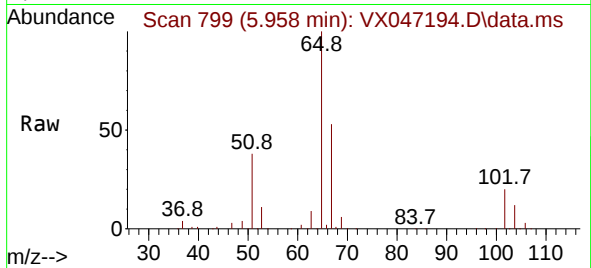
#33
1,2-Dichloroethane-d4
Concen: 59.092 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 65 Resp: 18875
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

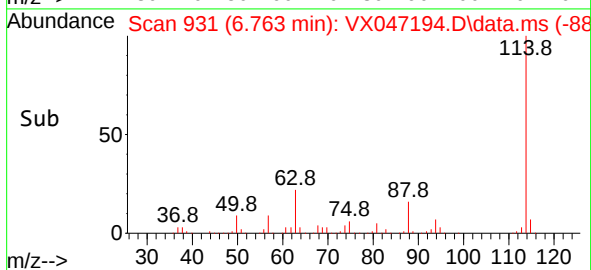
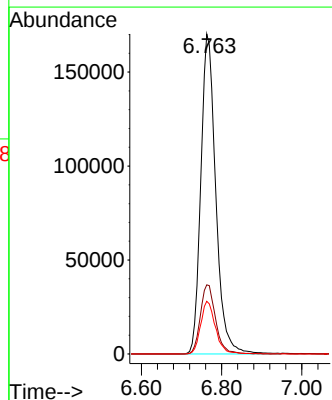
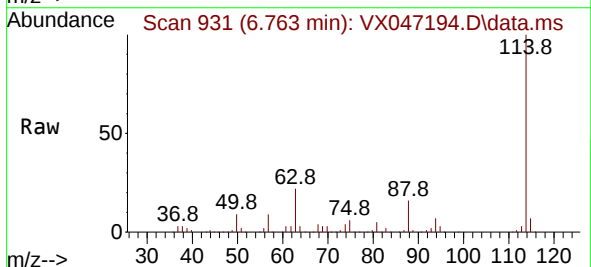
Manual Integrations
APPROVED

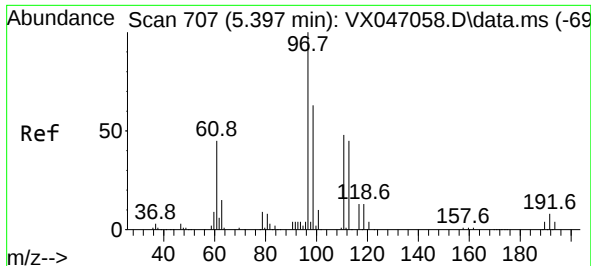
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

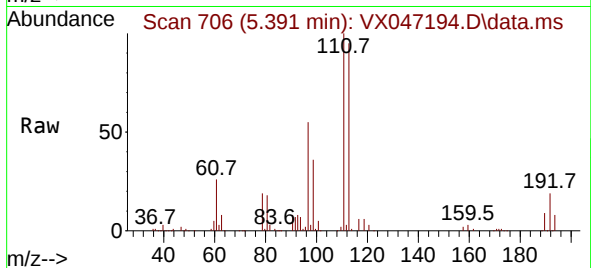
Tgt Ion:114 Resp: 440066
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 59.042 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

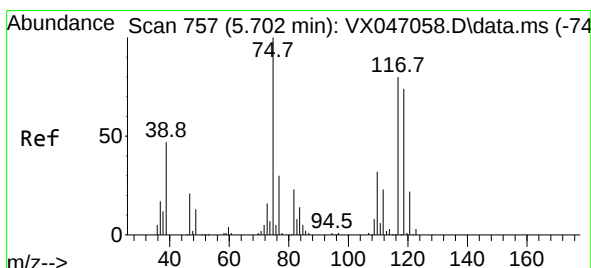
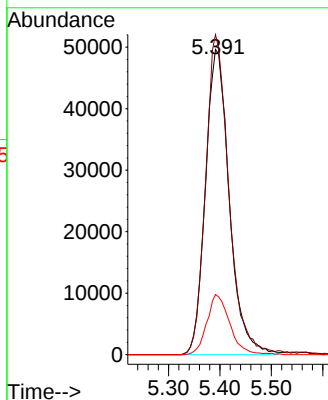
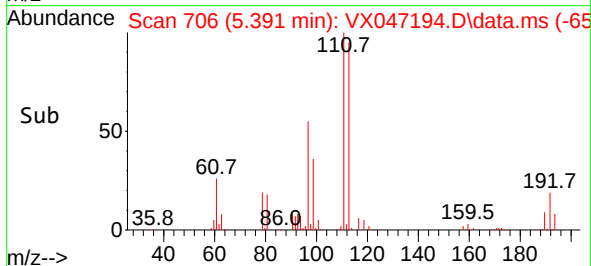
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion:113 Resp: 16042
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.9 14.9 22.3

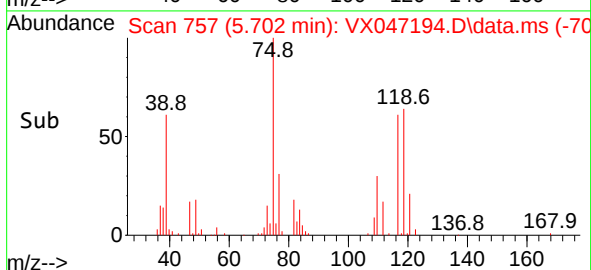
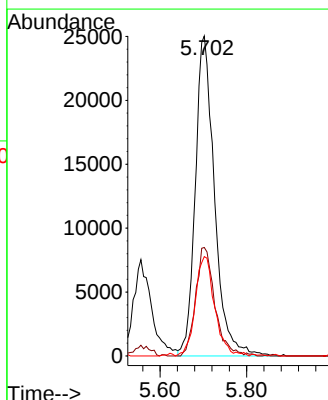
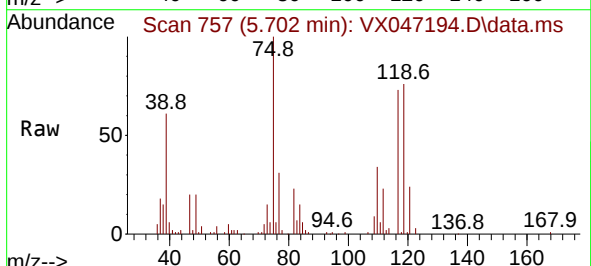
Manual Integrations
APPROVED

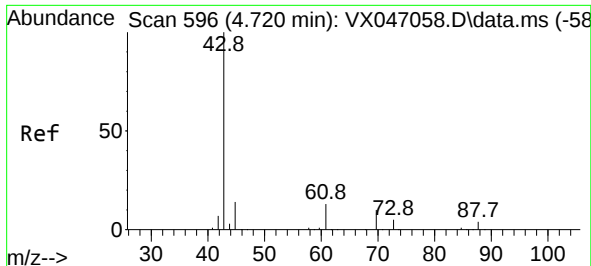
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#36
1,1-Dichloropropene
Concen: 16.655 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 75 Resp: 77137
Ion Ratio Lower Upper
75 100
110 33.8 17.2 51.5
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 19.438 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 43 Resp: 82950

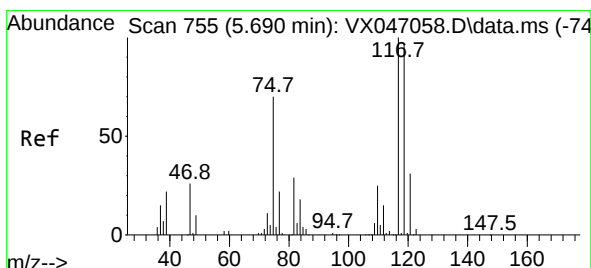
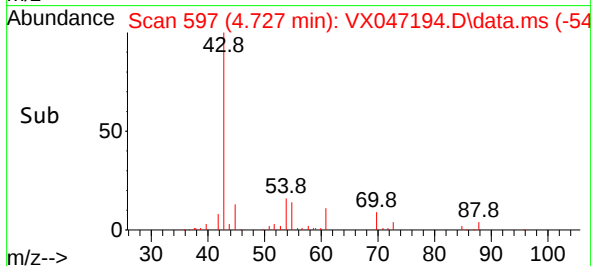
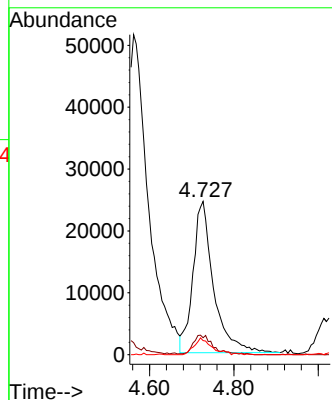
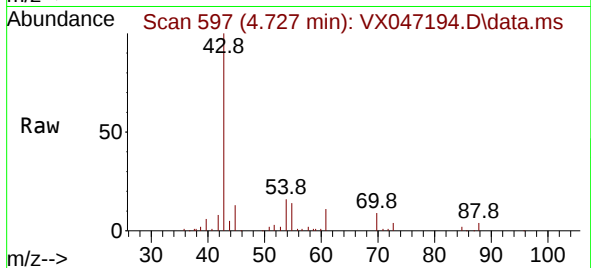
Ion	Ratio	Lower	Upper
43	100		
61	11.4	10.2	15.2
70	9.3	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#38

Carbon Tetrachloride

Concen: 17.049 ug/l

RT: 5.690 min Scan# 755

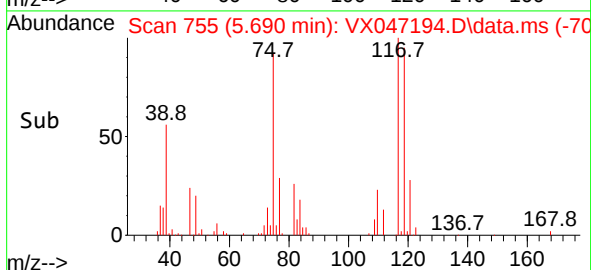
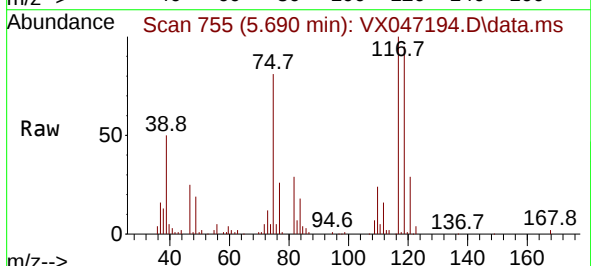
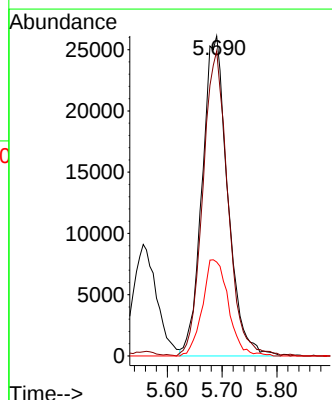
Delta R.T. 0.000 min

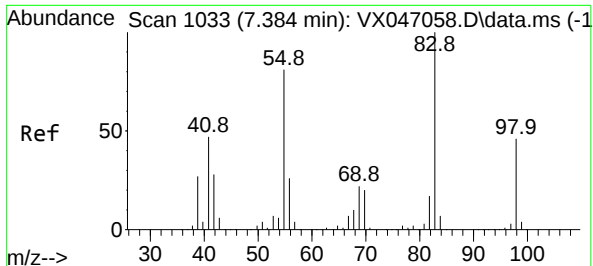
Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Tgt Ion:117 Resp: 84281

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	115.0
121	29.3	24.4	36.6





#39

Methylcyclohexane

Concen: 16.317 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 83 Resp: 94350

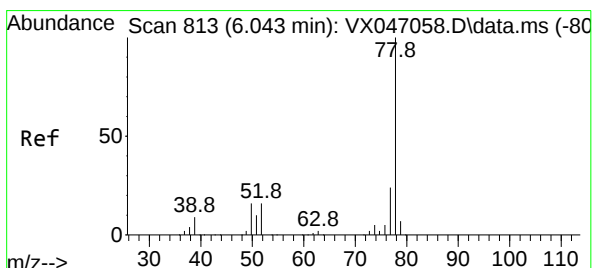
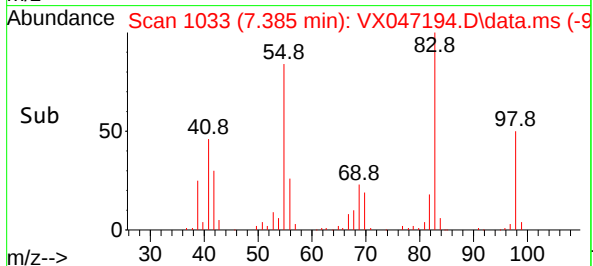
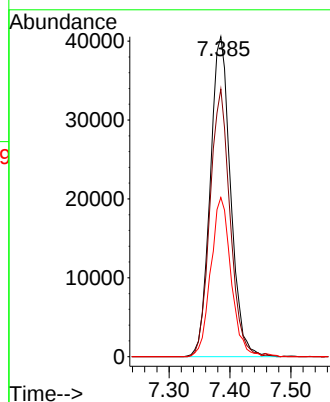
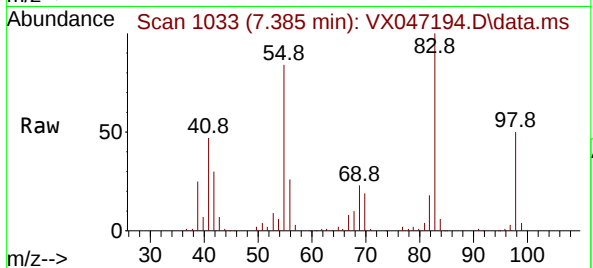
Ion	Ratio	Lower	Upper
83	100		
55	83.7	64.5	96.7
98	49.8	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#40

Benzene

Concen: 17.445 ug/l

RT: 6.044 min Scan# 813

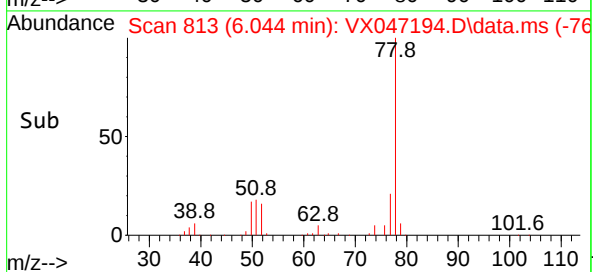
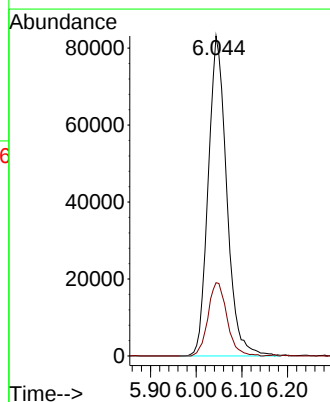
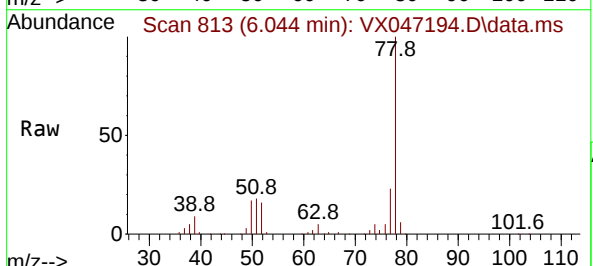
Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Tgt Ion: 78 Resp: 233833

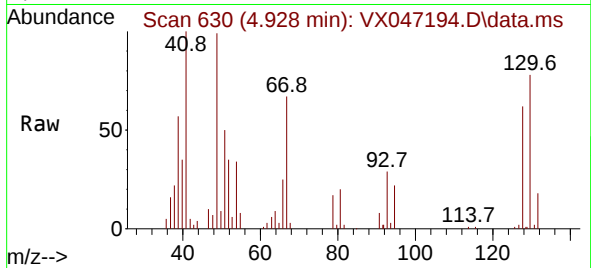
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





#41
Methacrylonitrile
Concen: 17.865 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

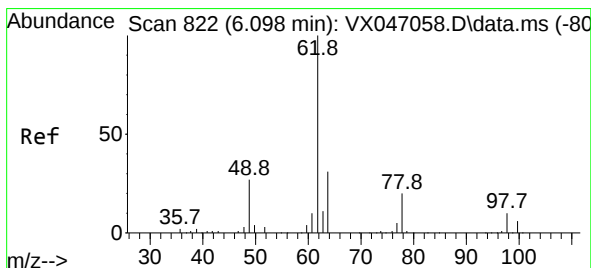
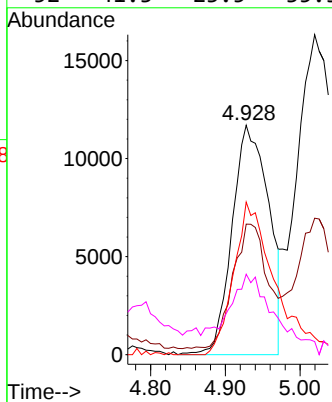
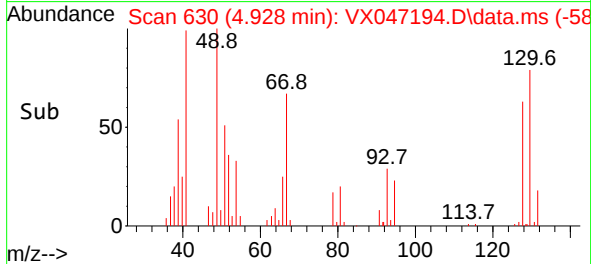
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 41 Resp: 3986
Ion Ratio Lower Upper
41 100
39 50.3 44.2 66.2
67 75.1 56.4 84.6
52 41.3 23.5 35.3#

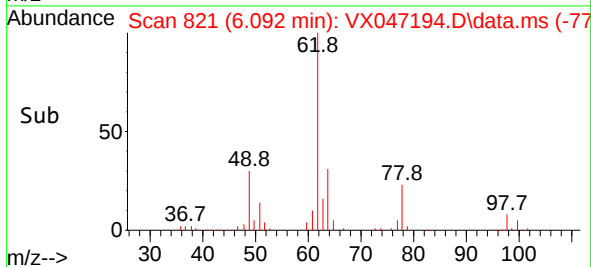
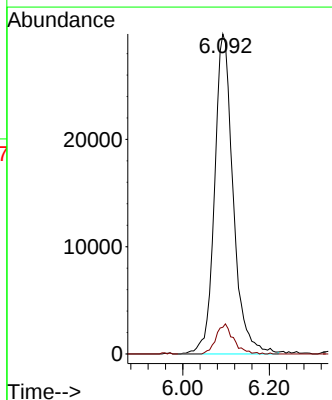
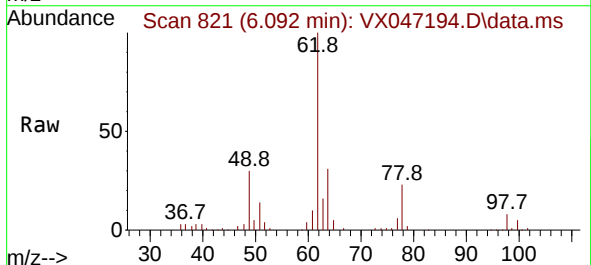
Manual Integrations
APPROVED

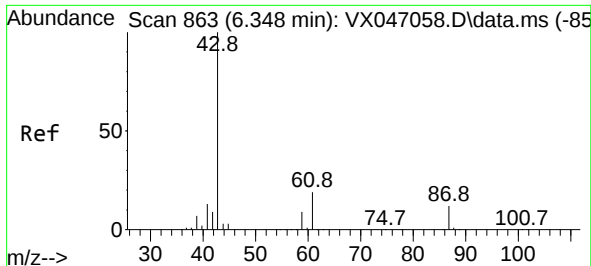
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#42
1,2-Dichloroethane
Concen: 18.872 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 62 Resp: 89105
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8





#43

Isopropyl Acetate

Concen: 19.597 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

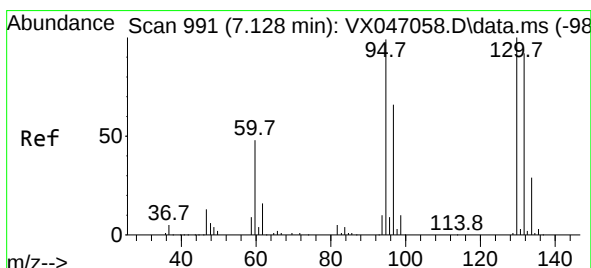
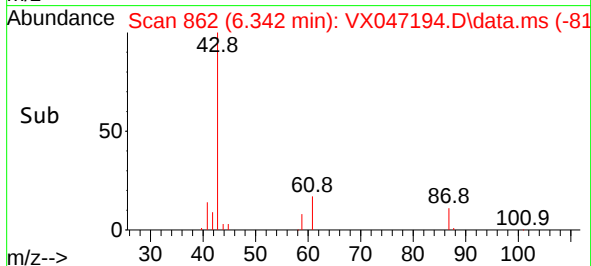
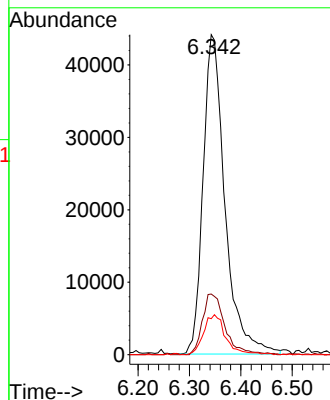
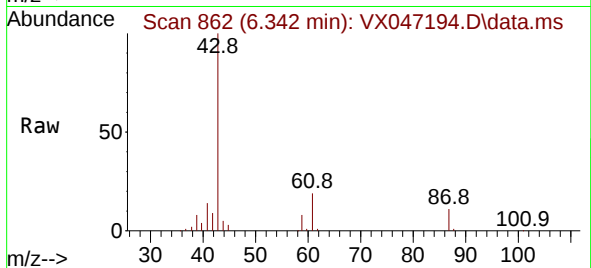
Tgt Ion: 43	Resp: 13038
Ion Ratio	Lower Upper
43 100	
61 19.6	15.1 22.7
87 12.7	9.7 14.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#44

Trichloroethene

Concen: 16.951 ug/l

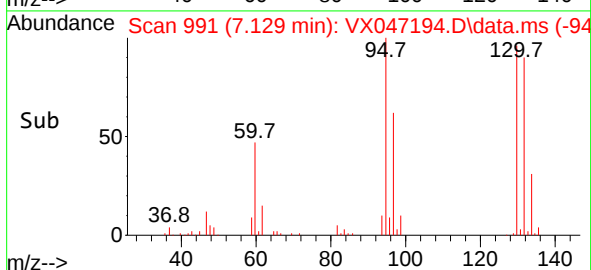
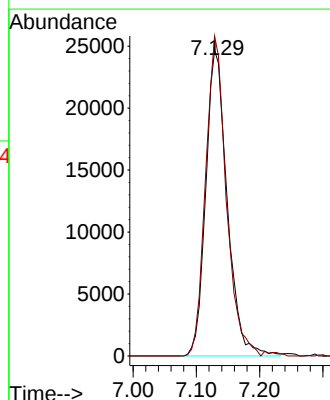
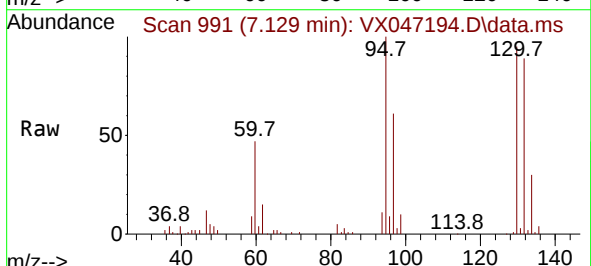
RT: 7.129 min Scan# 991

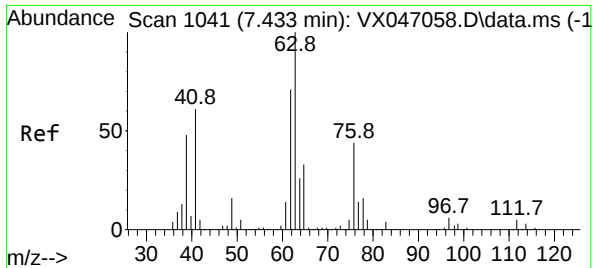
Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

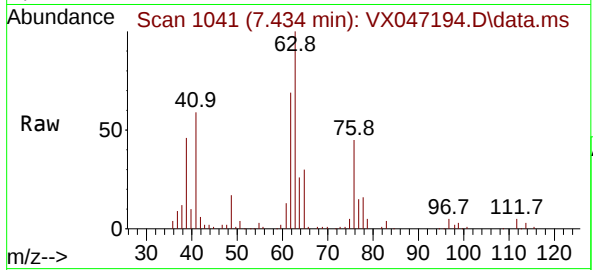
Tgt Ion:130	Resp: 58265
Ion Ratio	Lower Upper
130 100	
95 104.7	0.0 198.6





#45
1,2-Dichloropropane
Concen: 17.846 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

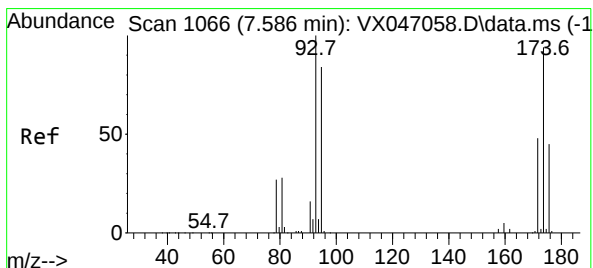
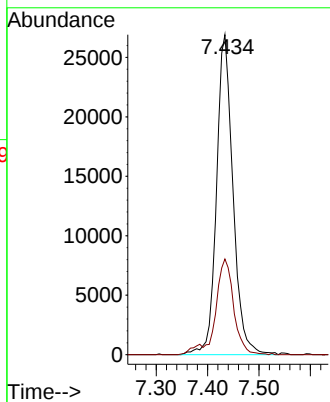
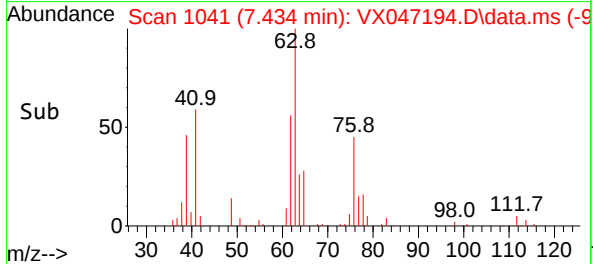
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 63 Resp: 5990
Ion Ratio Lower Upper
63 100
65 29.9 26.3 39.5

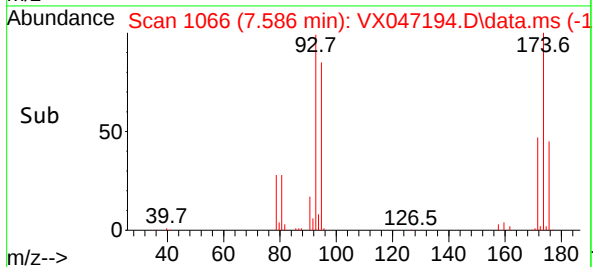
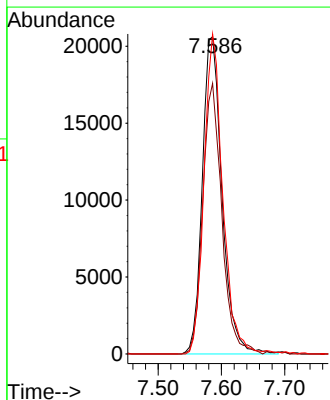
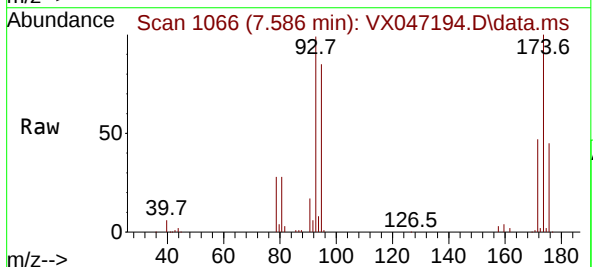
Manual Integrations
APPROVED

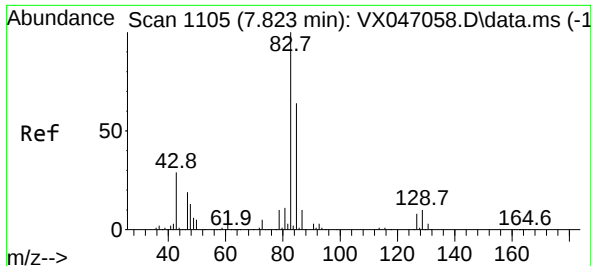
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#46
Dibromomethane
Concen: 19.011 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 93 Resp: 44756
Ion Ratio Lower Upper
93 100
95 82.3 65.9 98.9
174 95.8 74.6 112.0





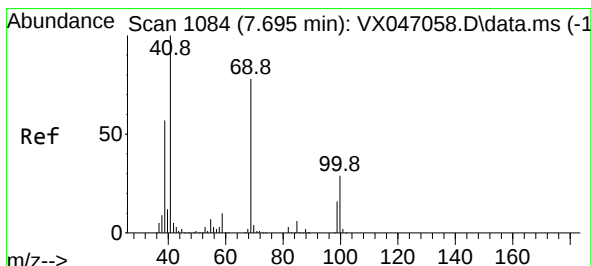
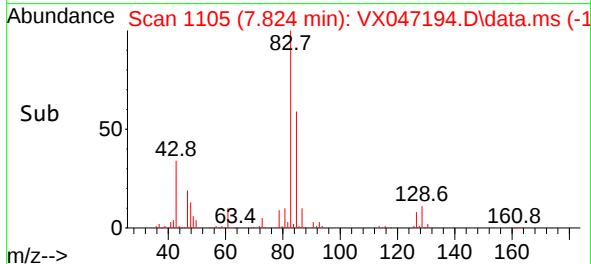
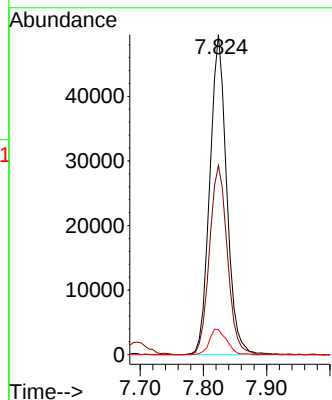
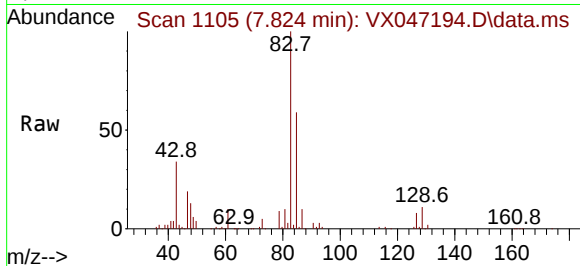
#47
Bromodichloromethane
Concen: 18.331 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 83 Resp: 9185
Ion Ratio Lower Upper
83 100
85 59.2 49.9 74.9
127 7.8 6.6 10.0

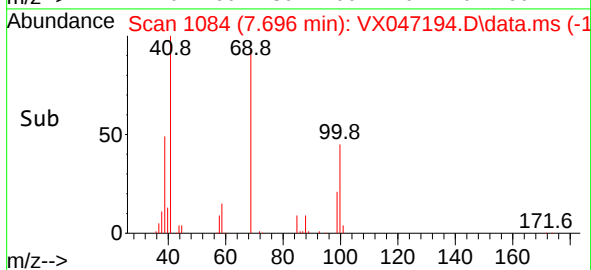
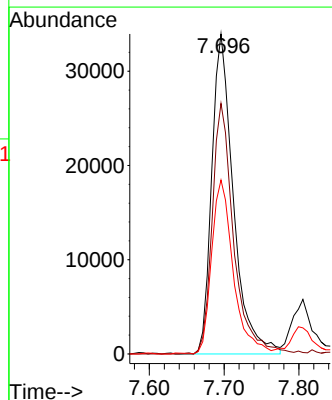
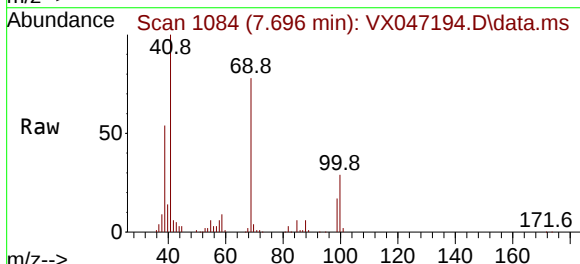
Manual Integrations
APPROVED

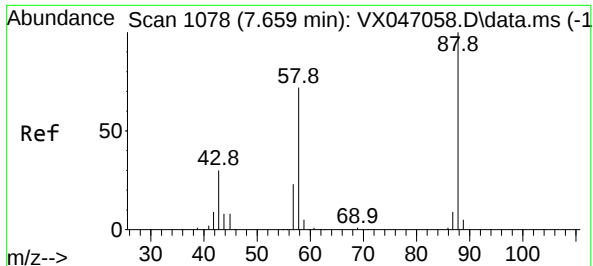
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#48
Methyl methacrylate
Concen: 18.849 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 41 Resp: 68318
Ion Ratio Lower Upper
41 100
69 77.8 62.3 93.5
39 53.8 44.8 67.2





#49

1,4-Dioxane

Concen: 415.922 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.061 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 88 Resp: 17140

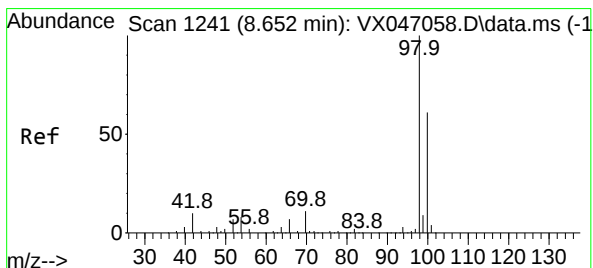
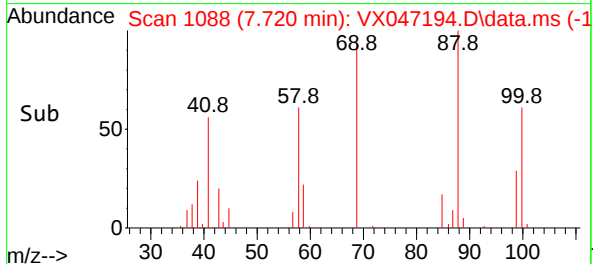
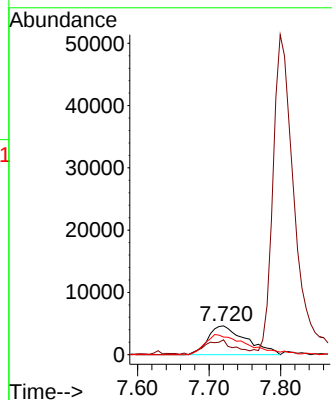
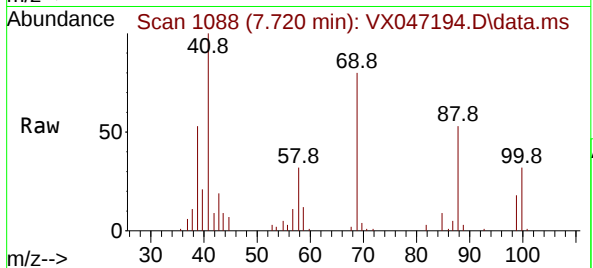
Ion	Ratio	Lower	Upper
88	100		
43	36.7	33.6	50.4
58	77.4	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#50

Toluene-d8

Concen: 54.622 ug/l

RT: 8.647 min Scan# 1240

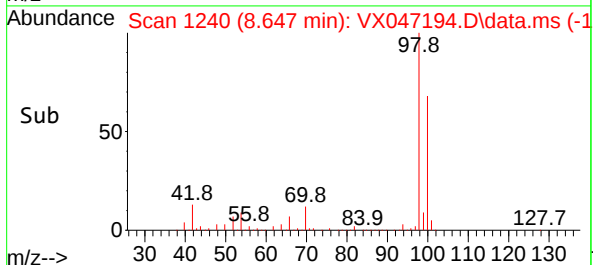
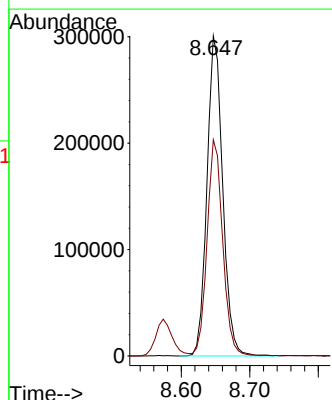
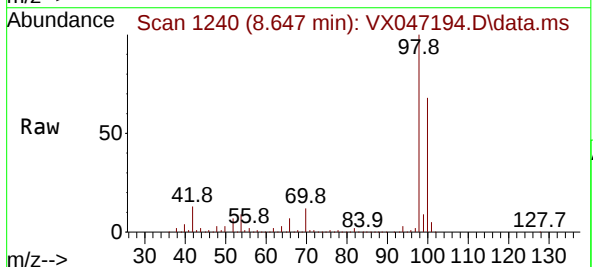
Delta R.T. -0.006 min

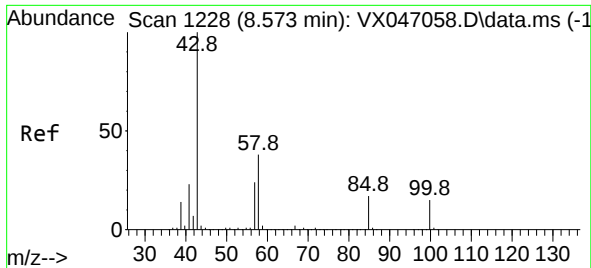
Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Tgt Ion: 98 Resp: 480632

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.3	79.9





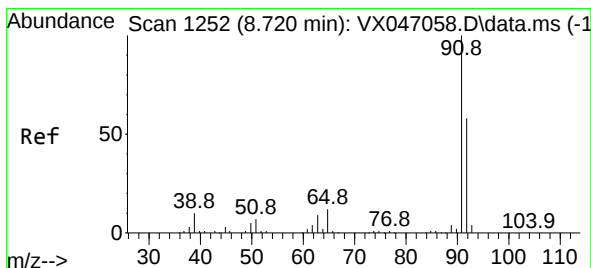
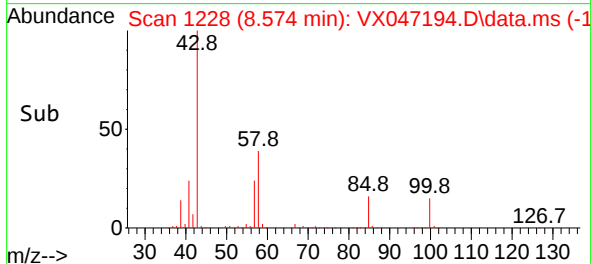
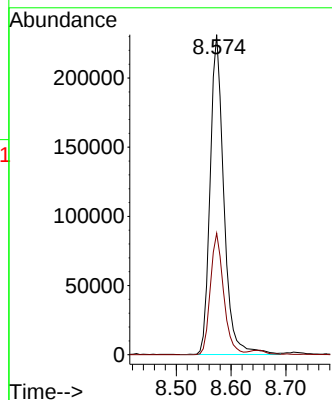
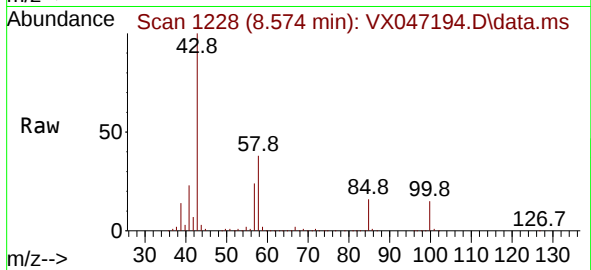
#51
4-Methyl-2-Pentanone
Concen: 101.145 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 43 Resp: 399994
Ion Ratio Lower Upper
43 100
58 36.8 30.6 45.8

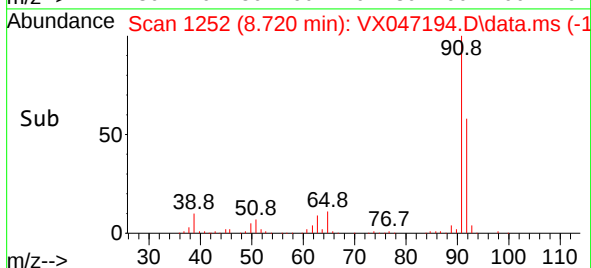
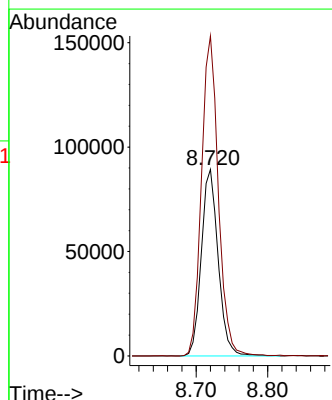
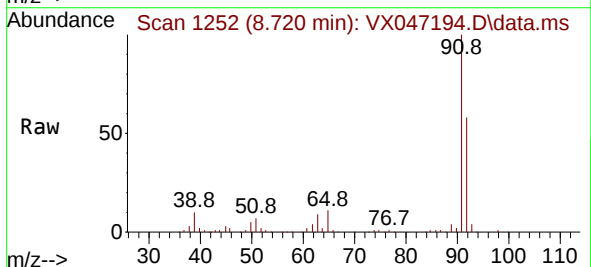
Manual Integrations
APPROVED

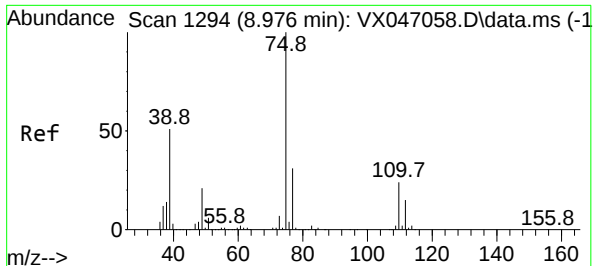
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#52
Toluene
Concen: 17.717 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

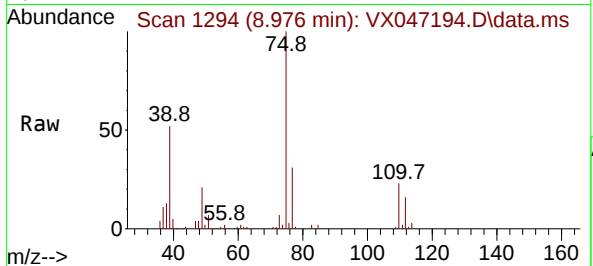
Tgt Ion: 92 Resp: 146022
Ion Ratio Lower Upper
92 100
91 171.9 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 17.984 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

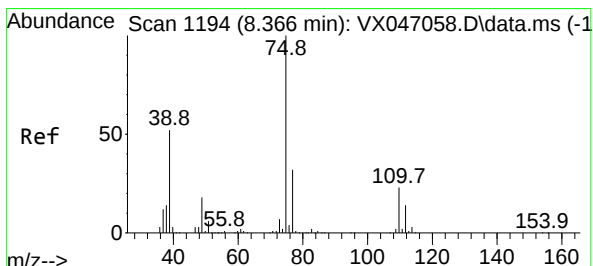
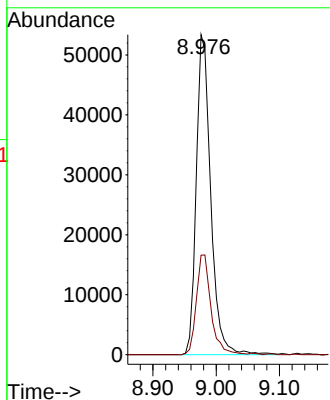
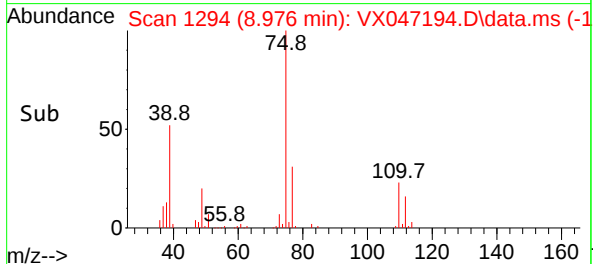
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



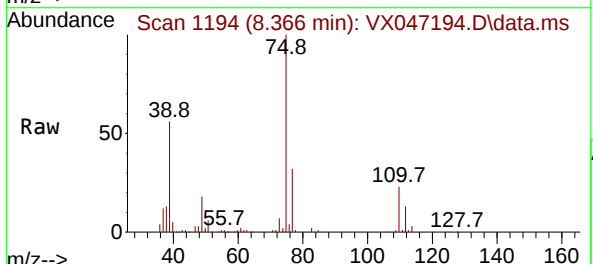
Tgt Ion: 75 Resp: 85090
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7

Manual Integrations
APPROVED

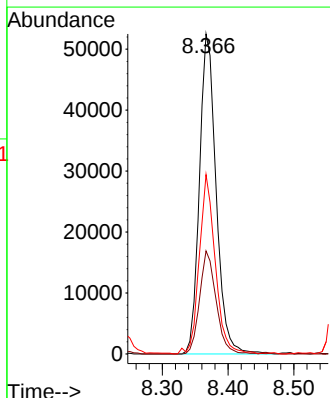
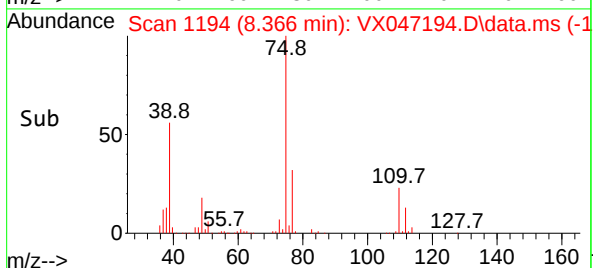
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

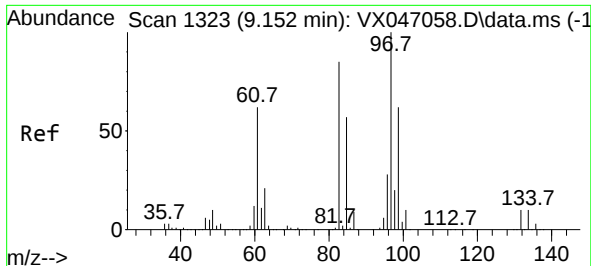


#54
cis-1,3-Dichloropropene
Concen: 17.896 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



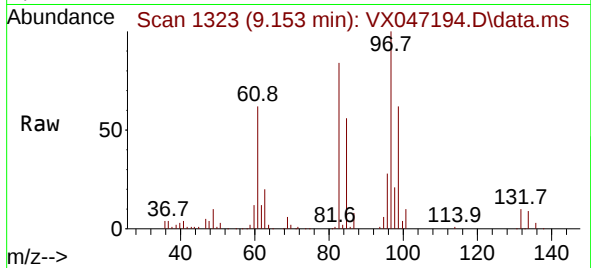
Tgt Ion: 75 Resp: 92679
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 56.0 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 18.993 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

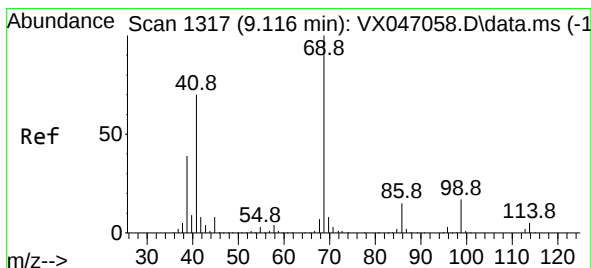
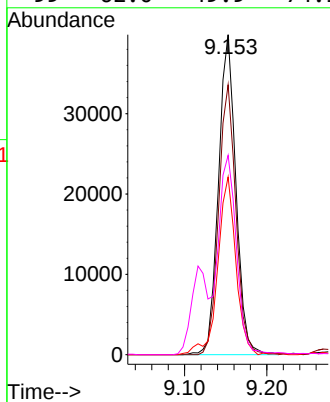
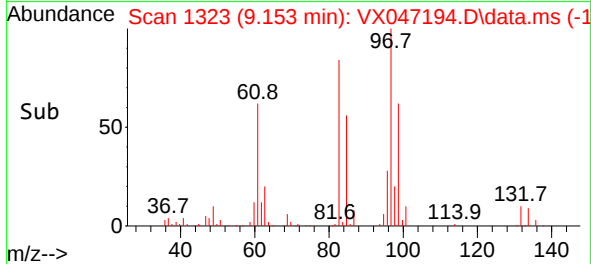
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



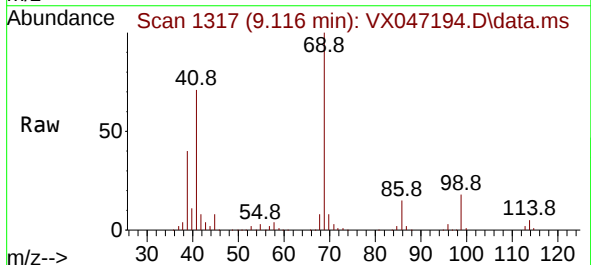
Tgt Ion: 97 Resp: 5870
Ion Ratio Lower Upper
97 100
83 84.4 68.0 102.0
85 55.6 45.2 67.8
99 62.0 49.9 74.9

Manual Integrations
APPROVED

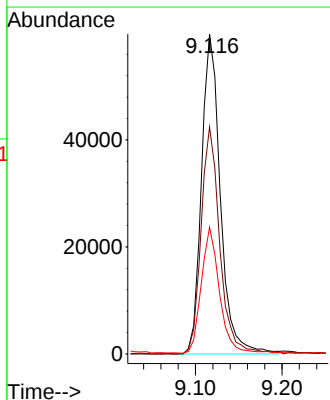
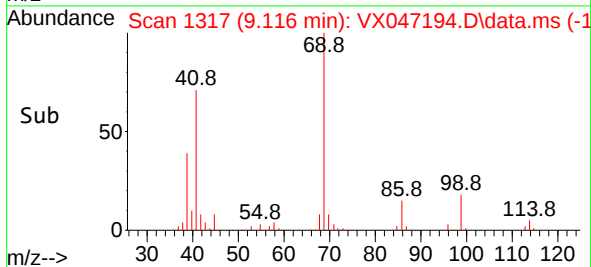
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

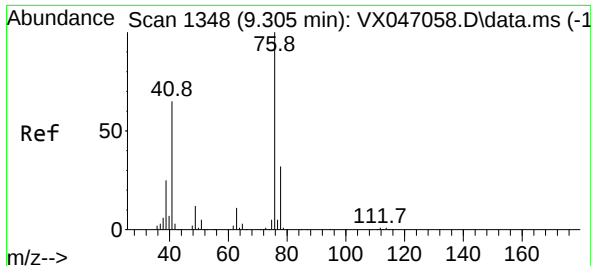


#56
Ethyl methacrylate
Concen: 19.793 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



Tgt Ion: 69 Resp: 90569
Ion Ratio Lower Upper
69 100
41 70.6 56.1 84.1
39 38.1 31.1 46.7





#57

1,3-Dichloropropane

Concen: 18.795 ug/l

RT: 9.305 min Scan# 111

Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 76 Resp: 100960

Ion Ratio Lower Upper

76 100

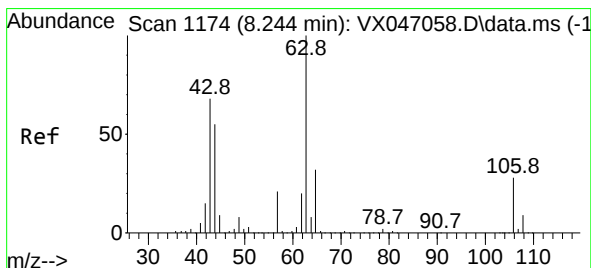
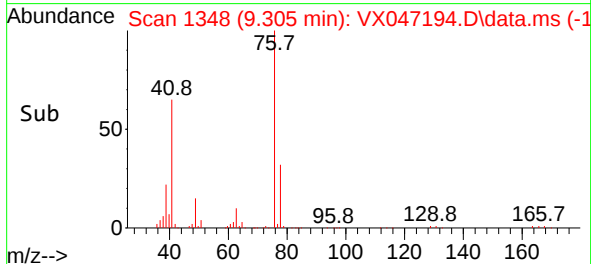
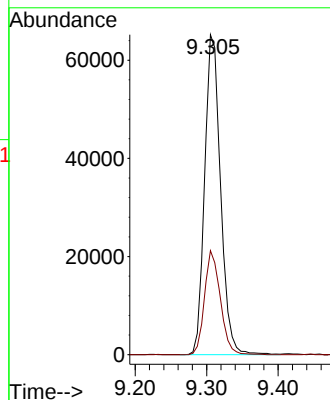
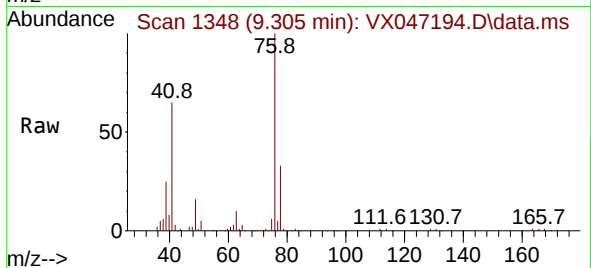
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.818 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047194.D

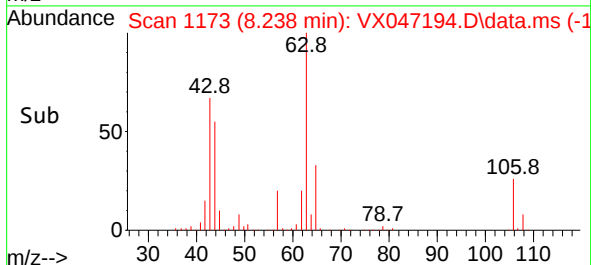
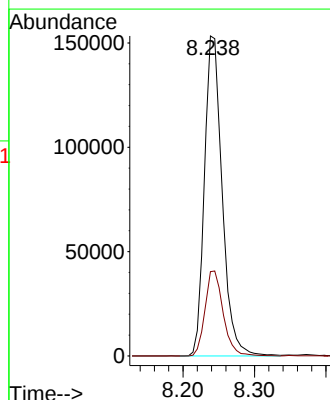
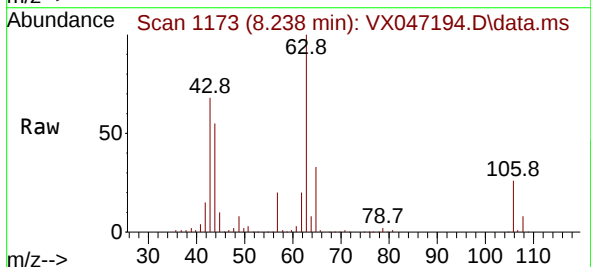
Acq: 31 Jul 2025 11:35

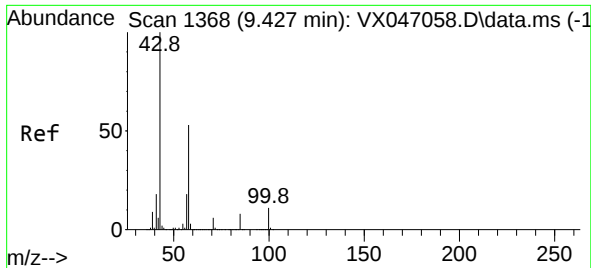
Tgt Ion: 63 Resp: 264347

Ion Ratio Lower Upper

63 100

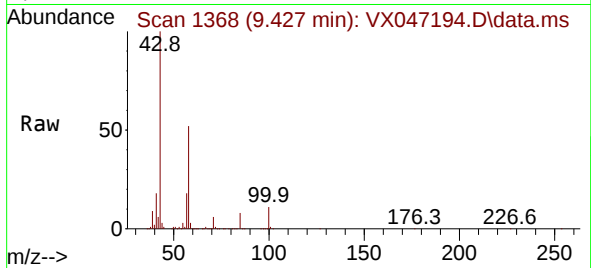
106 27.2 22.2 33.4





#59
2-Hexanone
Concen: 106.273 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

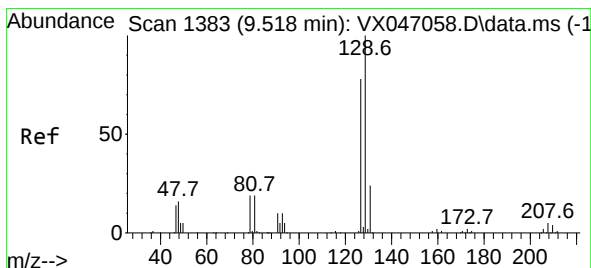
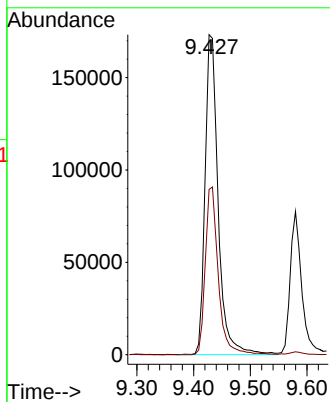
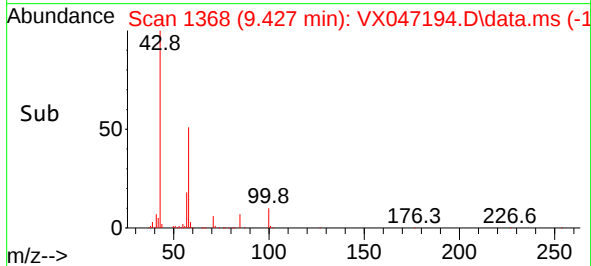
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 43 Resp: 27766
Ion Ratio Lower Upper
43 100
58 52.1 26.5 79.5

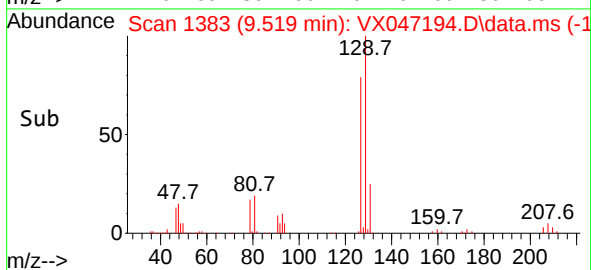
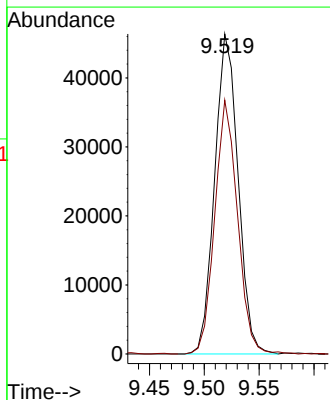
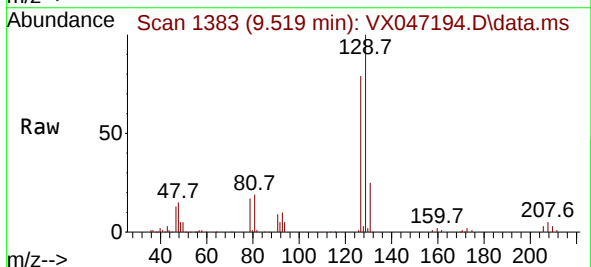
Manual Integrations
APPROVED

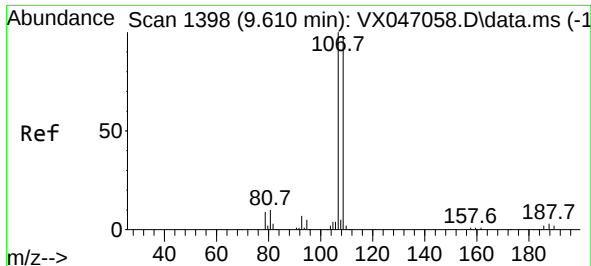
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#60
Dibromochloromethane
Concen: 18.995 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion:129 Resp: 68858
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





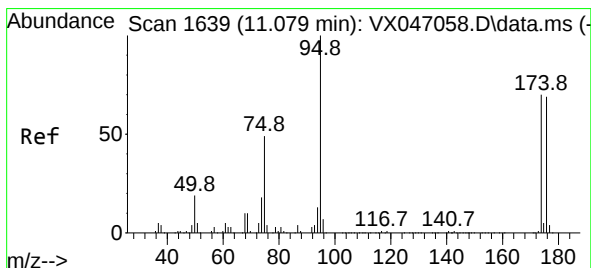
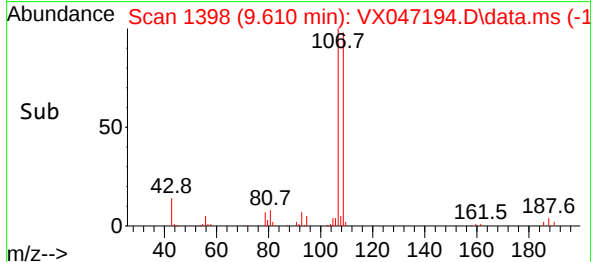
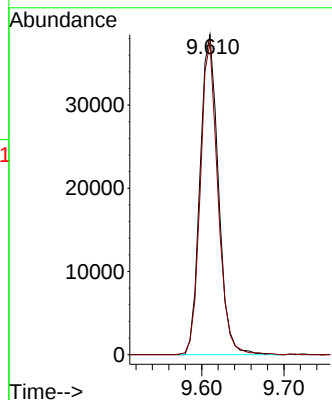
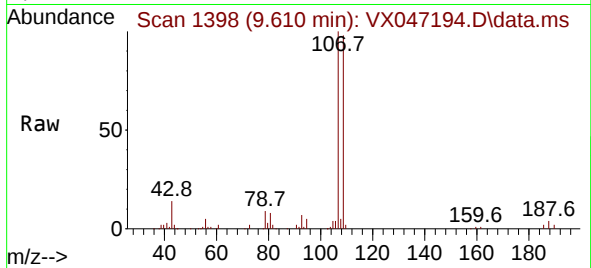
#61
1,2-Dibromoethane
Concen: 18.397 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion:107 Resp: 59458
Ion Ratio Lower Upper
107 100
109 93.9 74.6 112.0

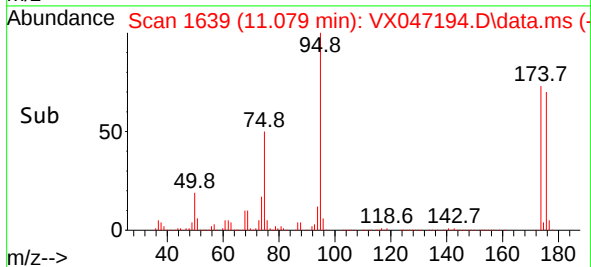
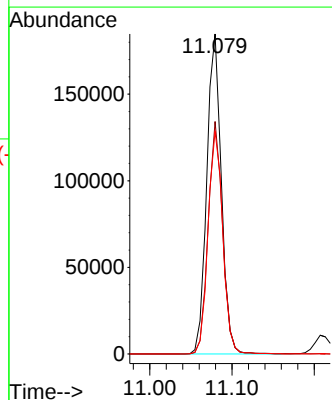
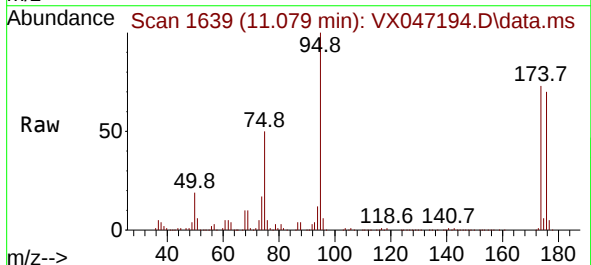
Manual Integrations
APPROVED

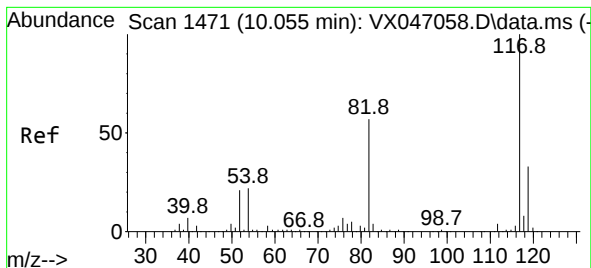
Reviewed By :John Carbone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#62
4-Bromofluorobenzene
Concen: 59.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

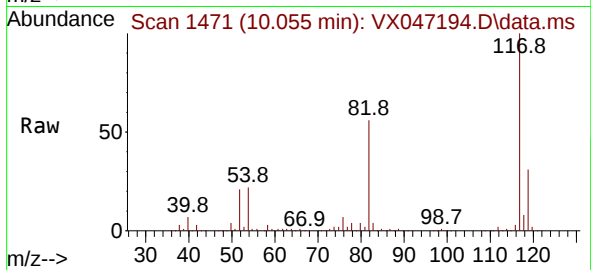
Tgt Ion: 95 Resp: 226841
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 70.5 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

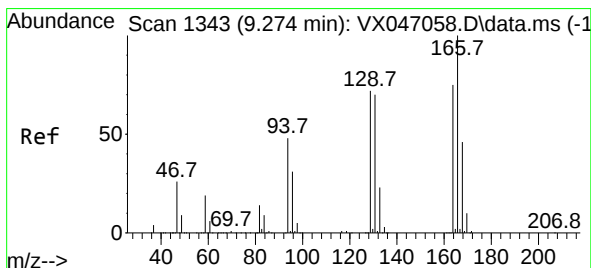
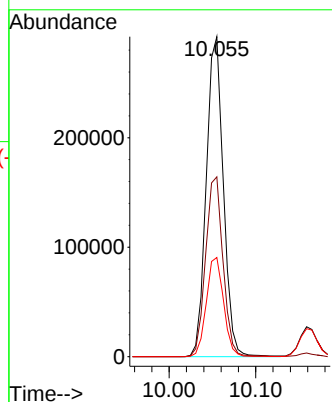
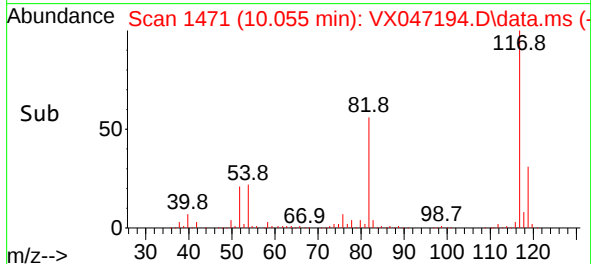
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion:117 Resp: 400478
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 31.0 26.1 39.1

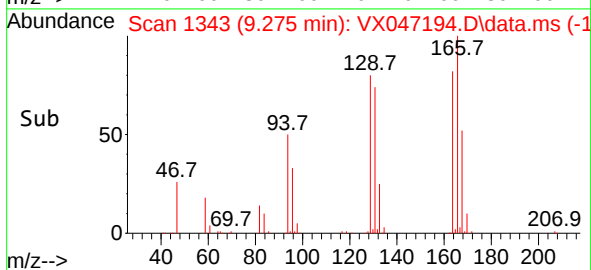
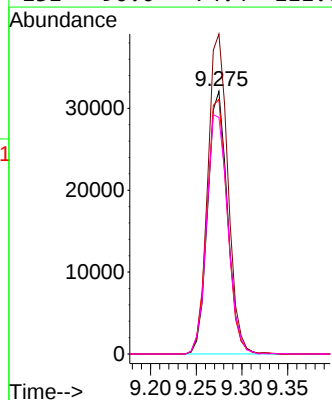
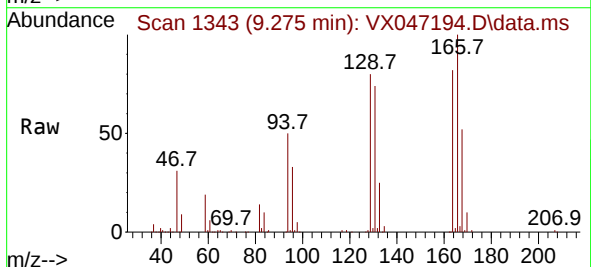
Manual Integrations
APPROVED

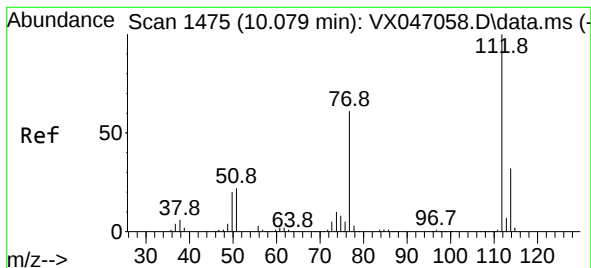
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#64
Tetrachloroethene
Concen: 16.667 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

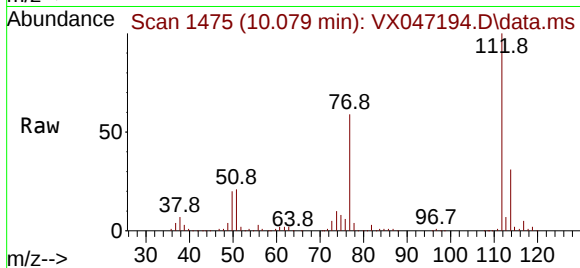
Tgt Ion:164 Resp: 48117
Ion Ratio Lower Upper
164 100
166 121.8 106.2 159.4
129 96.9 76.6 114.8
131 90.0 74.4 111.6





#65
Chlorobenzene
Concen: 17.491 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

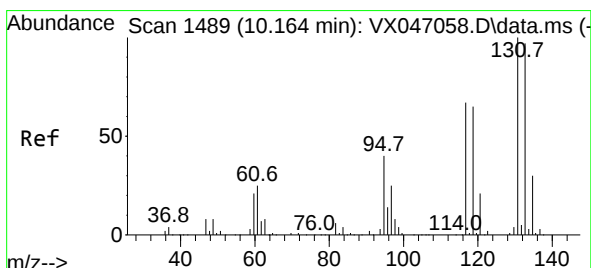
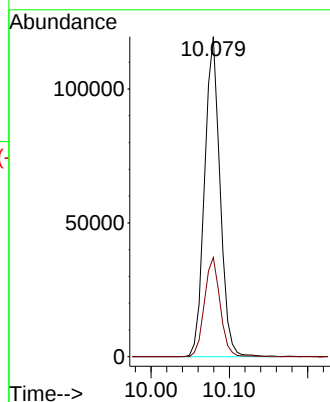
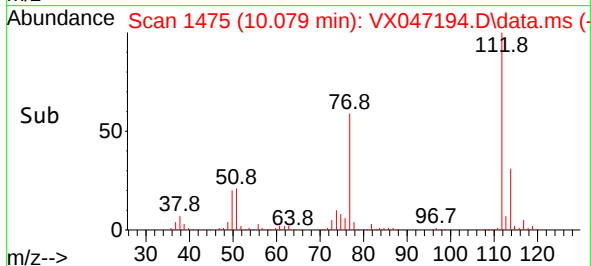
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



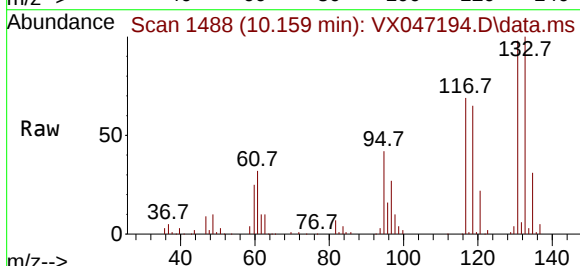
Tgt Ion:112 Resp: 16409
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

Manual Integrations
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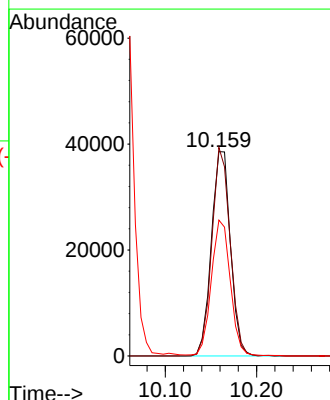
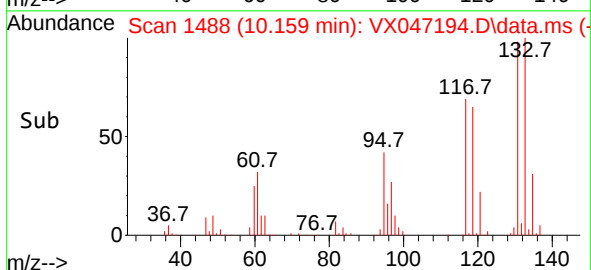
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

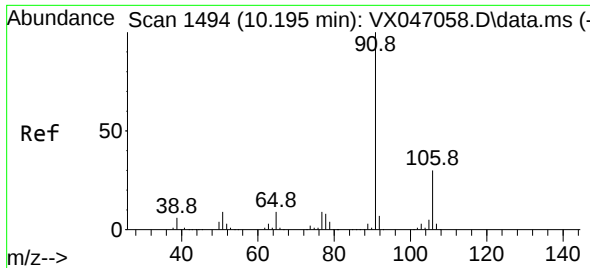


#66
1,1,1,2-Tetrachloroethane
Concen: 17.708 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



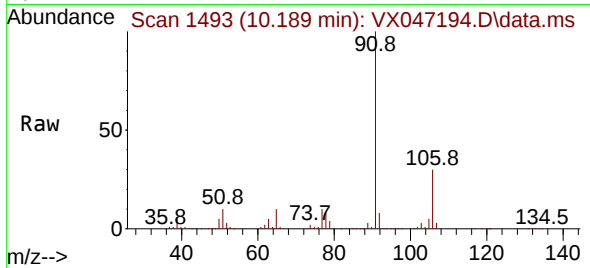
Tgt Ion:131 Resp: 55933
Ion Ratio Lower Upper
131 100
133 97.6 48.4 145.3
119 66.6 32.4 97.0





#67
Ethyl Benzene
Concen: 17.204 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

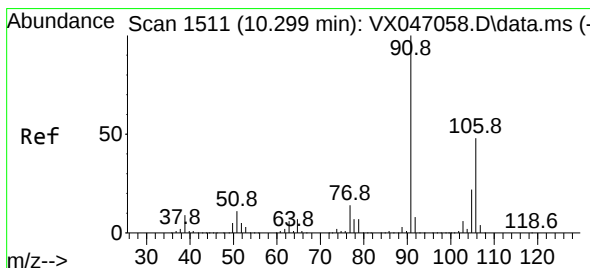
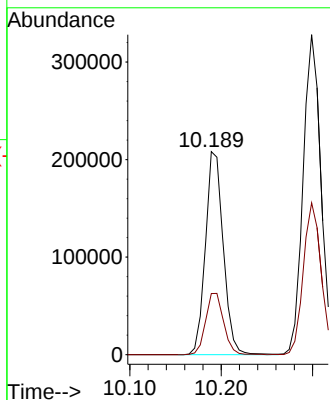
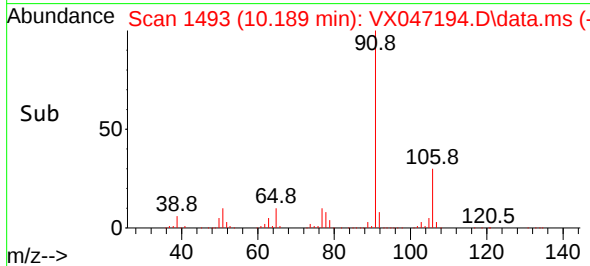
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



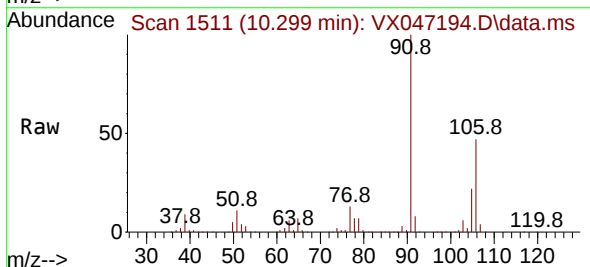
Tgt Ion: 91 Resp: 282215
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

Manual Integrations
APPROVED

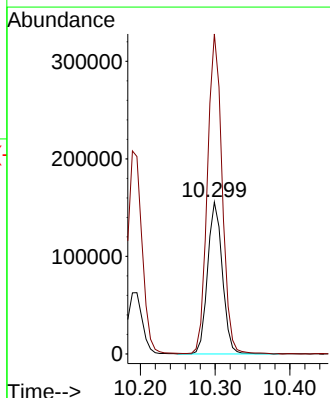
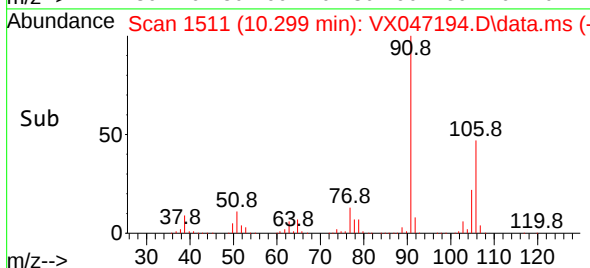
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

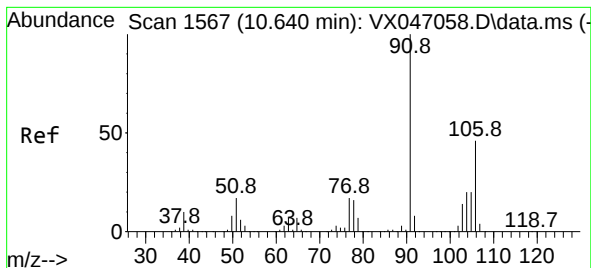


#68
m/p-Xylenes
Concen: 34.774 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



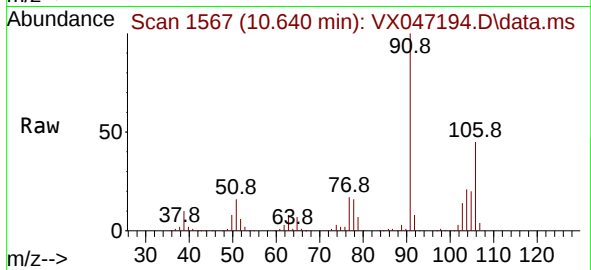
Tgt Ion:106 Resp: 213462
Ion Ratio Lower Upper
106 100
91 210.3 167.4 251.0





#69
o-Xylene
Concen: 17.763 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

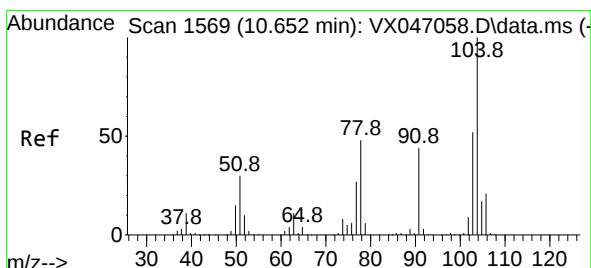
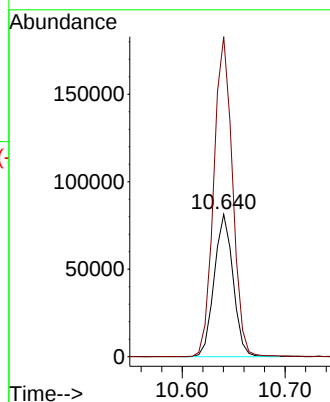
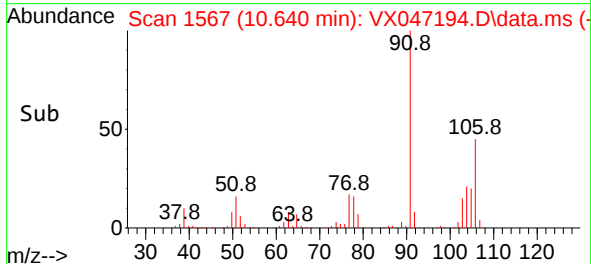
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion:106 Resp: 103733
Ion Ratio Lower Upper
106 100
91 224.4 110.3 331.0

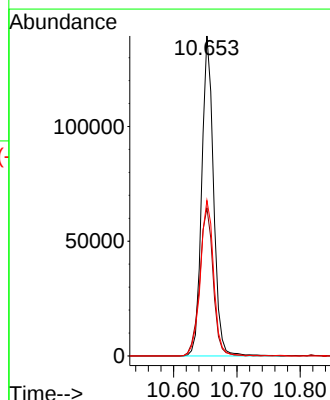
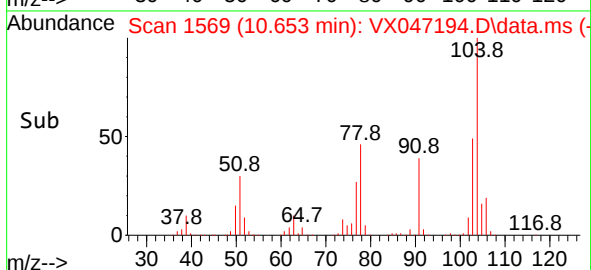
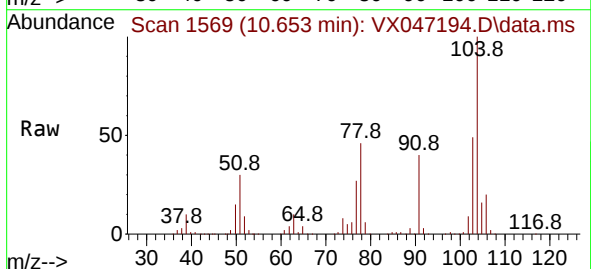
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#70
Styrene
Concen: 18.148 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

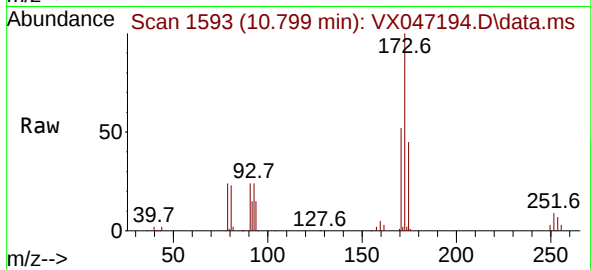
Tgt Ion:104 Resp: 181733
Ion Ratio Lower Upper
104 100
78 52.6 42.0 63.0
103 54.5 43.8 65.6





#71
Bromoform
Concen: 18.280 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

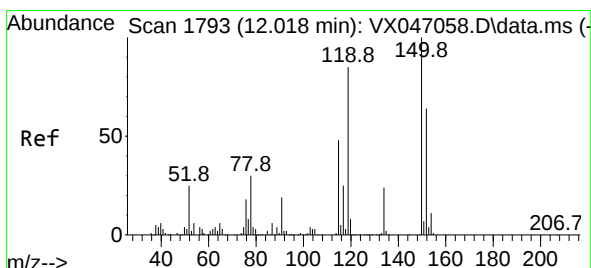
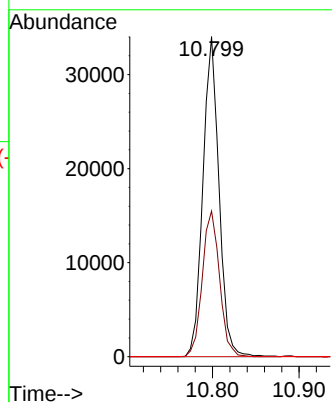
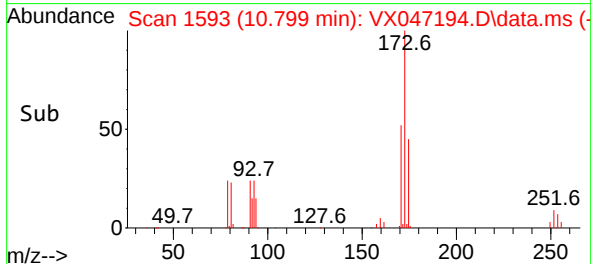
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



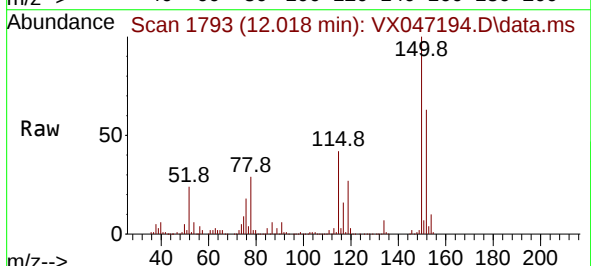
Tgt Ion:173 Resp: 4386
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
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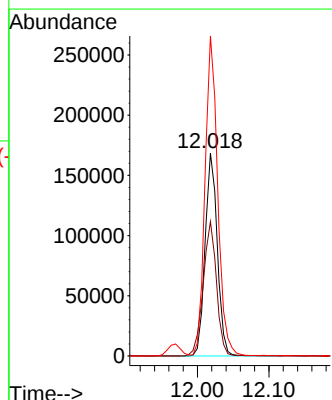
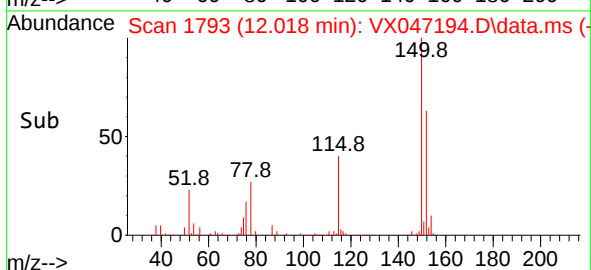
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

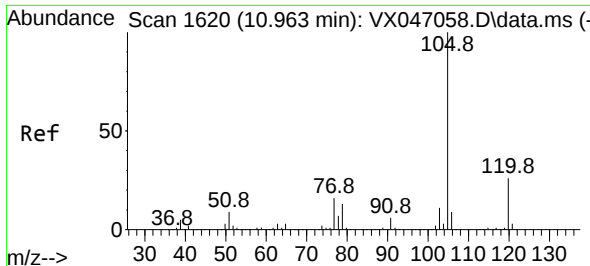


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



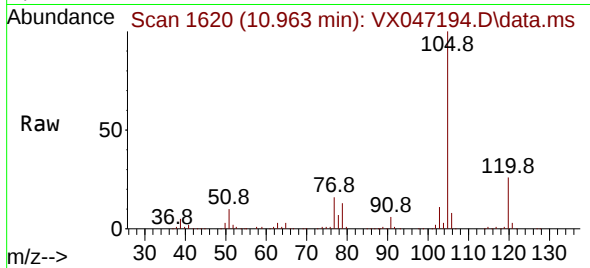
Tgt Ion:152 Resp: 200036
Ion Ratio Lower Upper
152 100
115 72.4 45.6 136.7
150 163.2 0.0 354.6





#73
Isopropylbenzene
Concen: 17.526 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

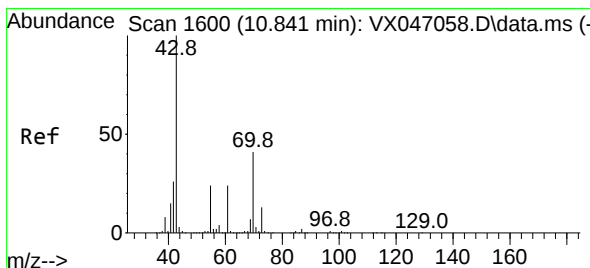
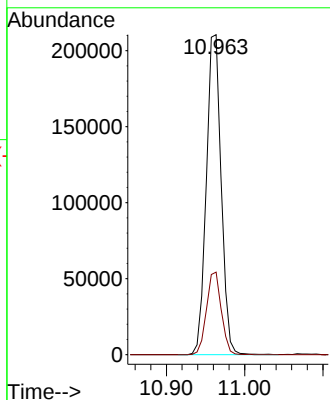
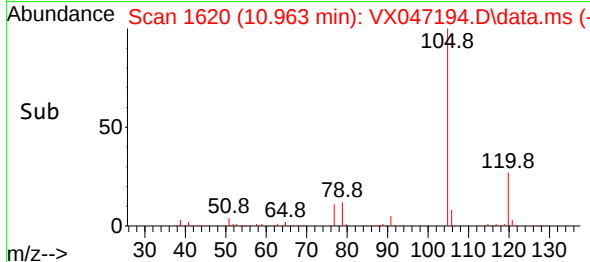
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



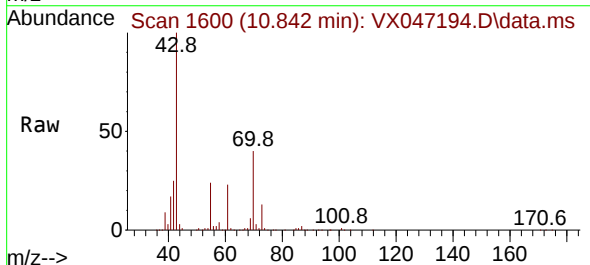
Tgt Ion:105 Resp: 276593
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

Manual Integrations
APPROVED

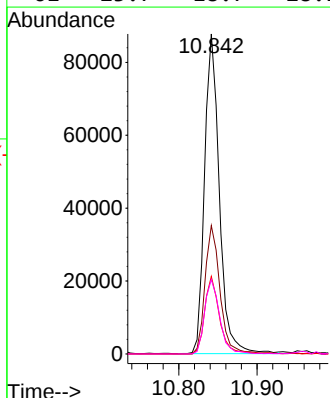
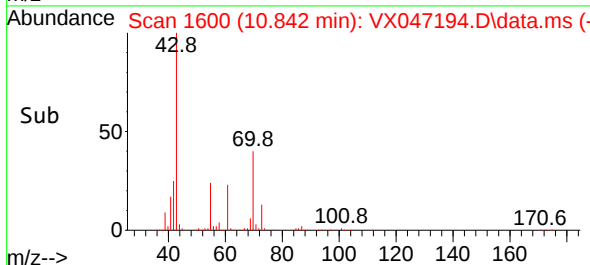
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

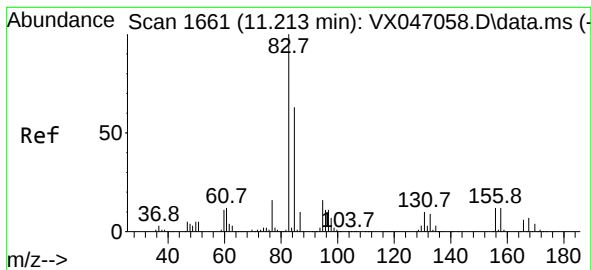


#74
N-ethyl acetate
Concen: 18.039 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



Tgt Ion: 43 Resp: 114867
Ion Ratio Lower Upper
43 100
70 40.9 32.3 48.5
55 24.5 18.9 28.3
61 23.7 18.7 28.1





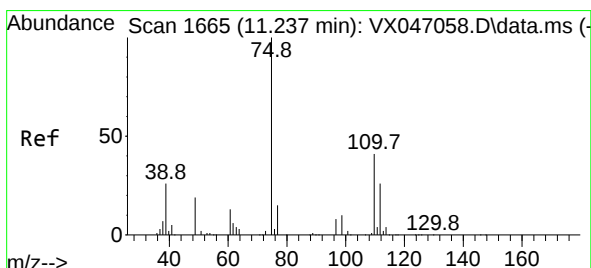
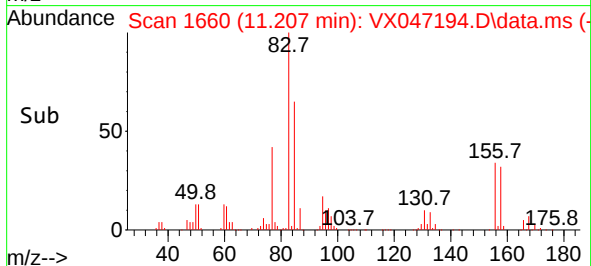
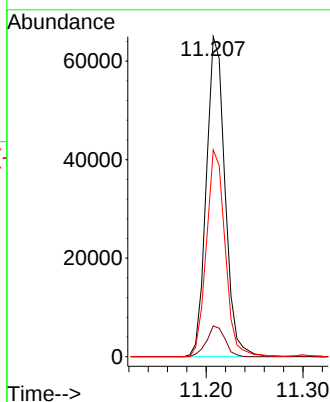
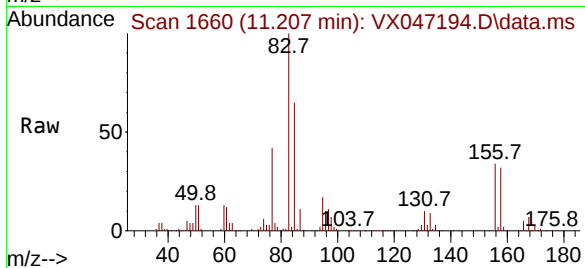
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.344 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tgt Ion: 83 Resp: 8720
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.0 14.9
 85 64.8 32.0 96.2

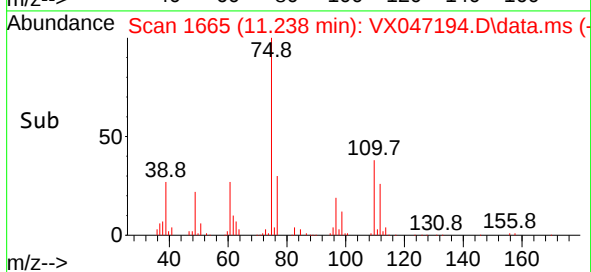
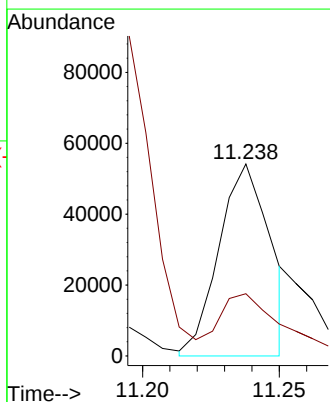
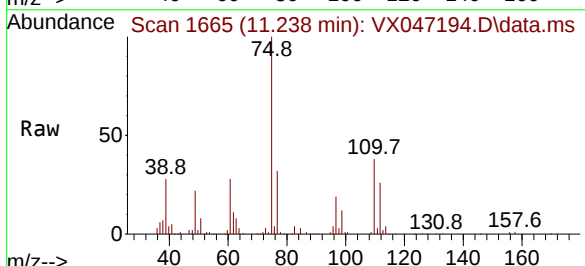
Manual Integrations
 APPROVED

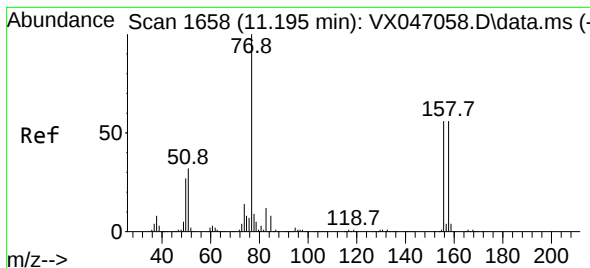
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.031 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35

Tgt Ion: 75 Resp: 70463
 Ion Ratio Lower Upper
 75 100
 77 40.9 21.6 65.0





#77

Bromobenzene

Concen: 17.975 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

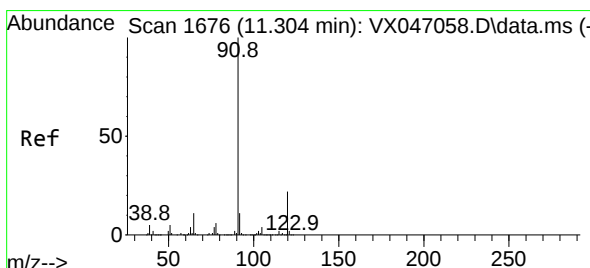
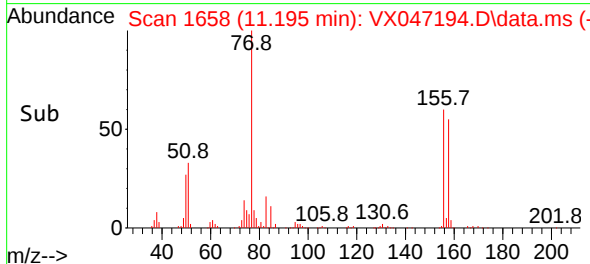
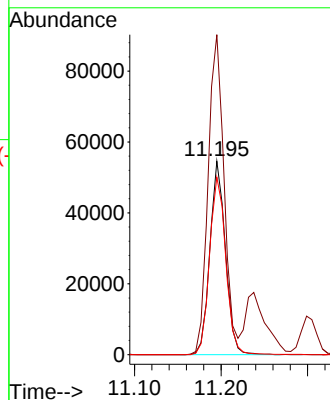
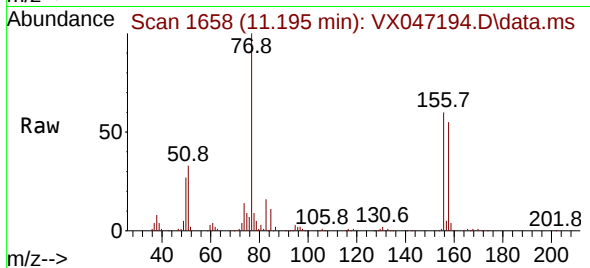
Tgt Ion:	156	Resp:	68040
Ion Ratio	Lower	Upper	
156	100		
77	169.6	87.3	261.9
158	95.8	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#78

n-propylbenzene

Concen: 17.451 ug/l

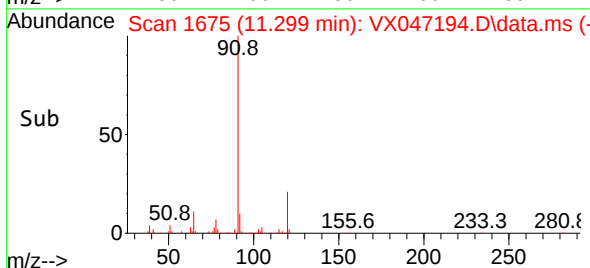
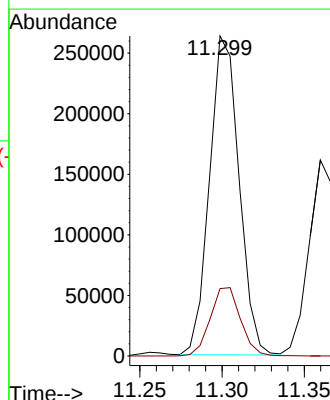
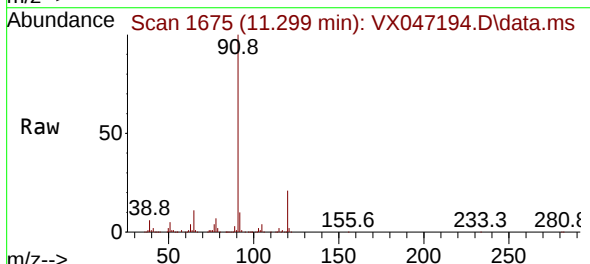
RT: 11.299 min Scan# 1675

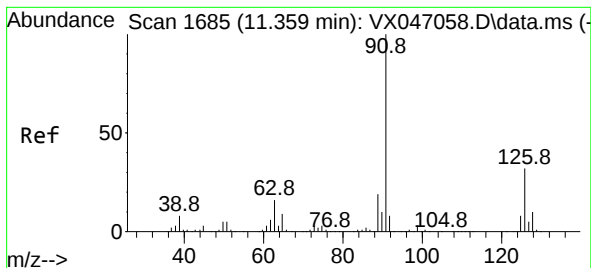
Delta R.T. -0.006 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Tgt Ion:	91	Resp:	329100
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.0	33.0





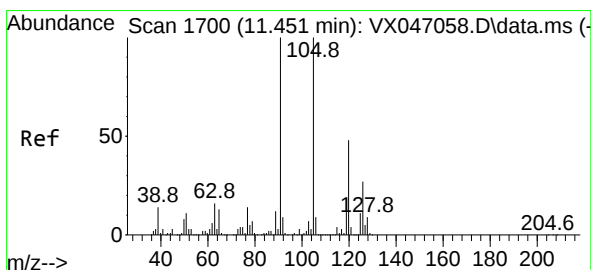
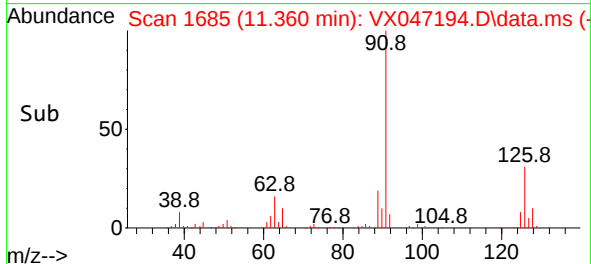
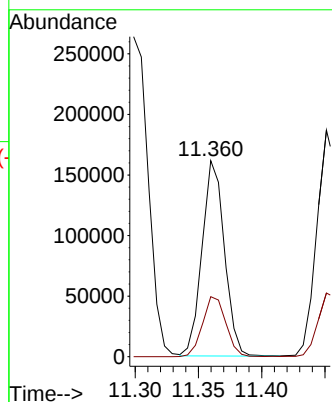
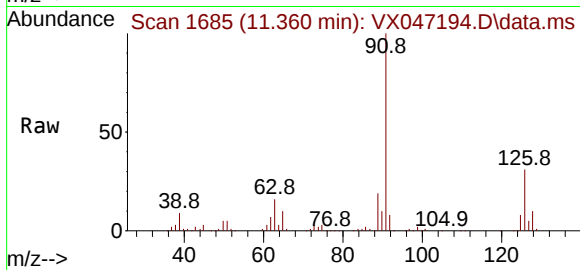
#79
2-Chlorotoluene
Concen: 17.702 ug/l
RT: 11.360 min Scan# 11365
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 91 Resp: 199554
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

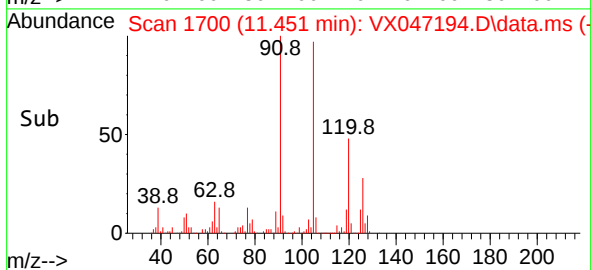
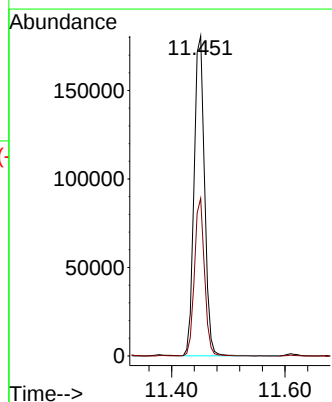
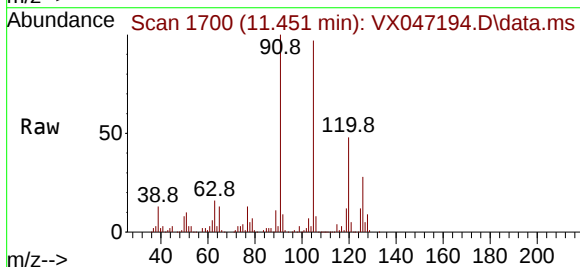
Manual Integrations
APPROVED

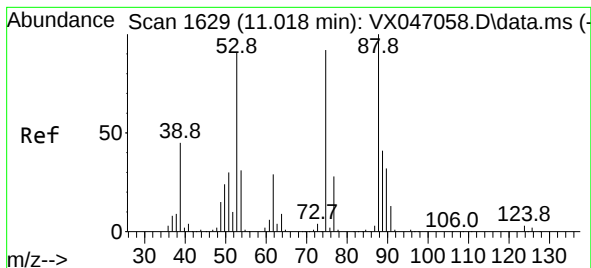
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.810 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

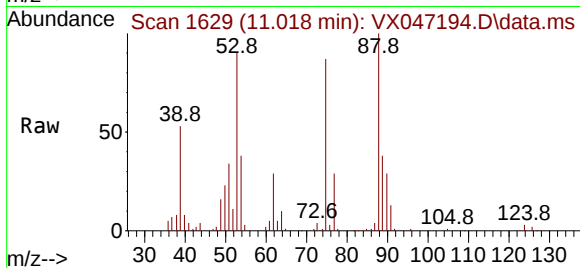
Tgt Ion:105 Resp: 232206
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 13.429 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

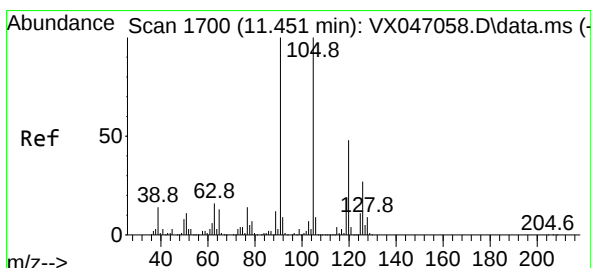
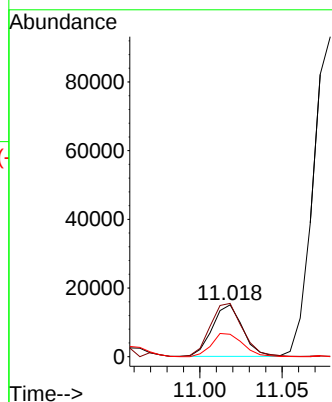
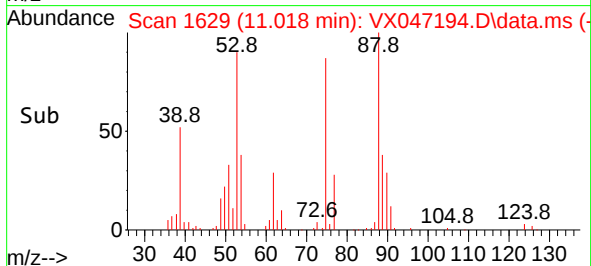
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 75 Resp: 1929
Ion Ratio Lower Upper
75 100
53 108.8 84.2 126.4
89 46.3 36.0 54.0

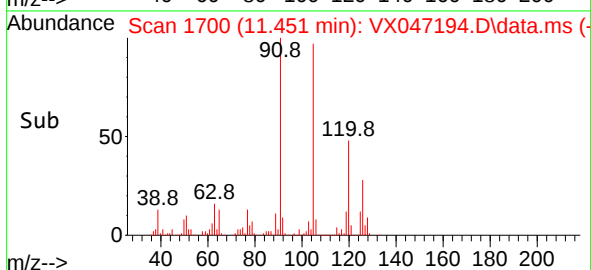
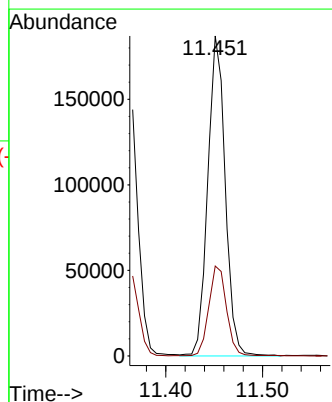
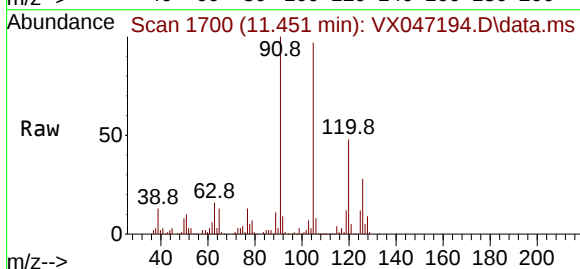
Manual Integrations
APPROVED

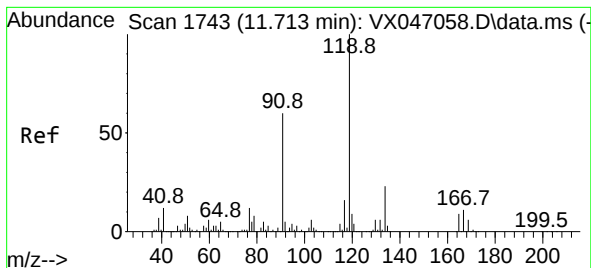
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#82
4-Chlorotoluene
Concen: 17.865 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Tgt Ion: 91 Resp: 235069
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.3





#83

tert-Butylbenzene

Concen: 17.957 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

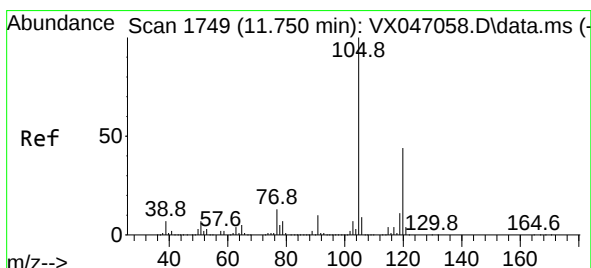
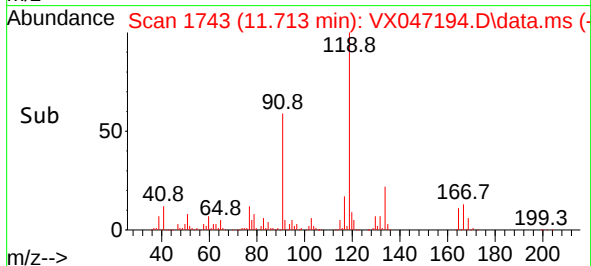
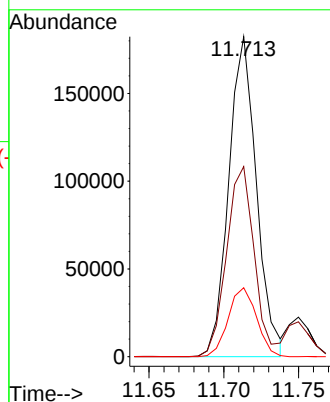
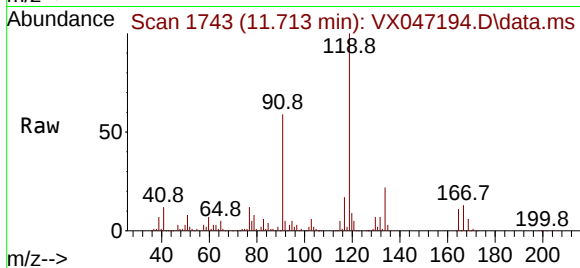
Tgt Ion:	119	Resp:	23498
Ion Ratio	Lower	Upper	
119	100		
91	58.6	29.6	88.8
134	22.1	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#84

1,2,4-Trimethylbenzene

Concen: 17.869 ug/l

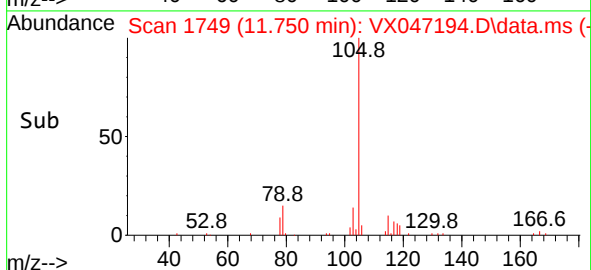
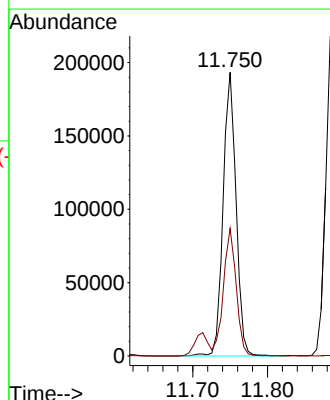
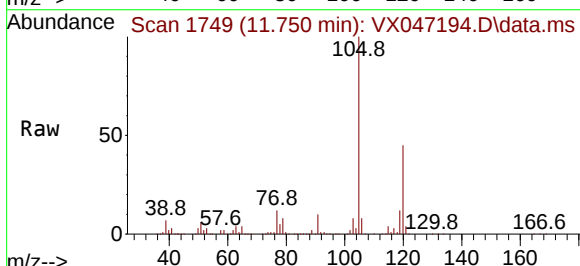
RT: 11.750 min Scan# 1749

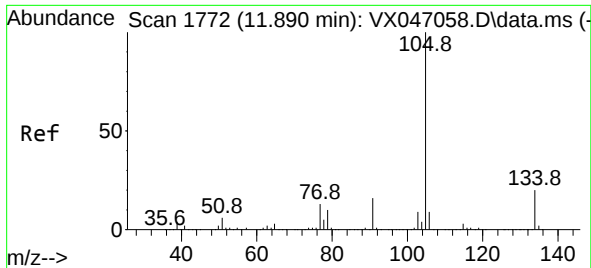
Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

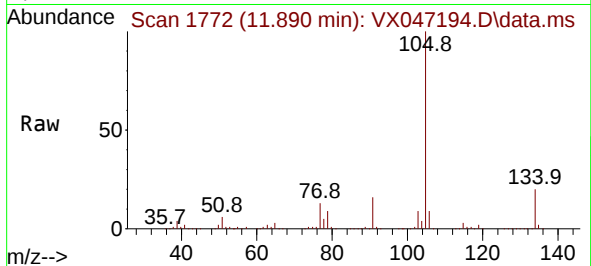
Tgt Ion:	105	Resp:	232382
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.0	66.0





#85
 sec-Butylbenzene
 Concen: 17.896 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35

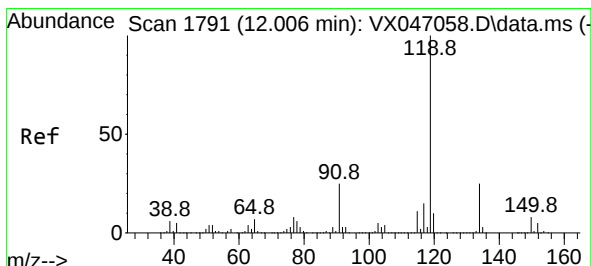
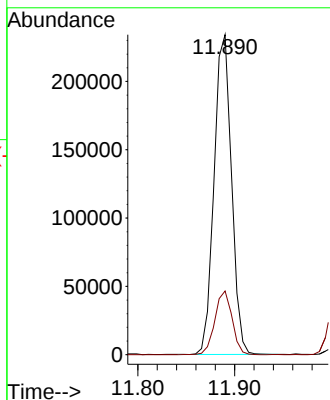
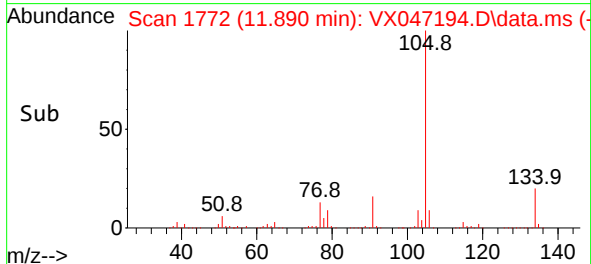
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01



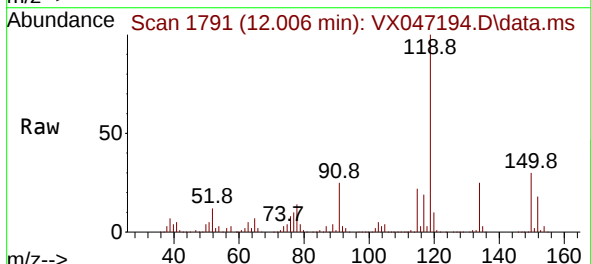
Tgt Ion:105 Resp: 292608
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
 APPROVED

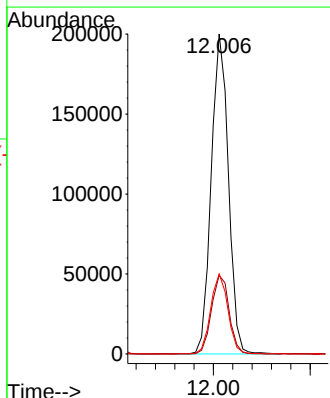
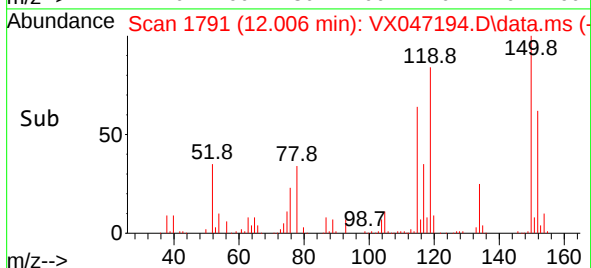
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025

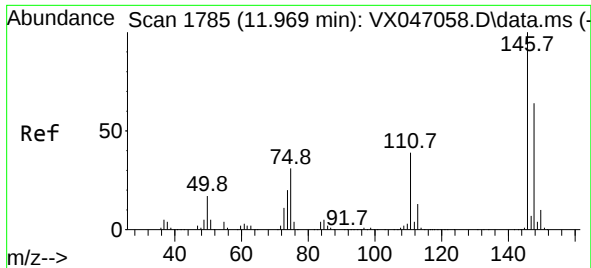


#86
 p-Isopropyltoluene
 Concen: 18.126 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047194.D
 Acq: 31 Jul 2025 11:35



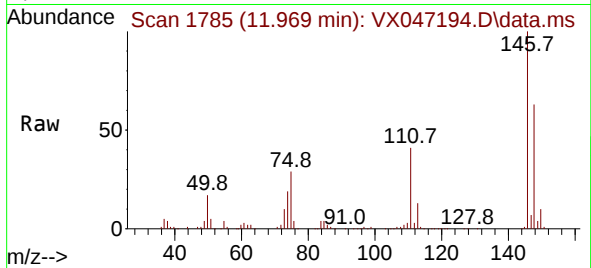
Tgt Ion:119 Resp: 245768
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.4
 91 25.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 17.801 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

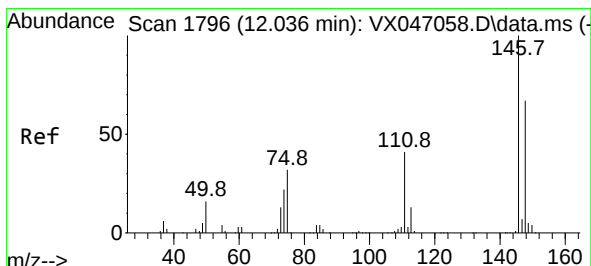
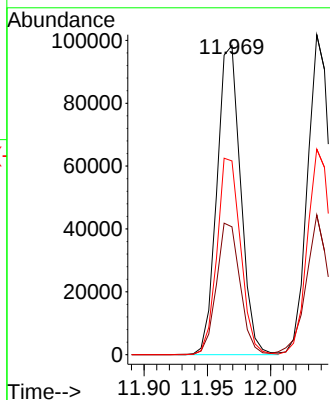
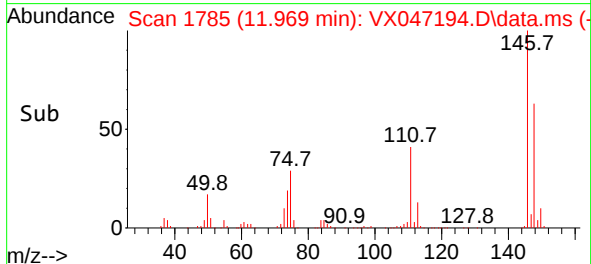
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



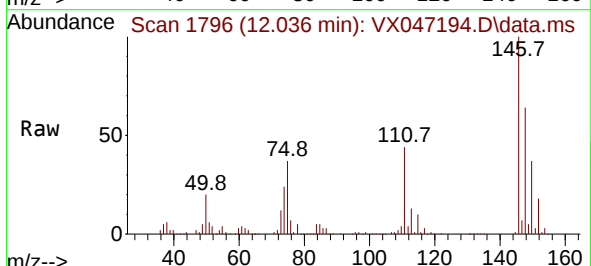
Tgt Ion:146 Resp: 128029
Ion Ratio Lower Upper
146 100
111 42.4 21.0 63.0
148 63.2 32.0 96.0

Manual Integrations
APPROVED

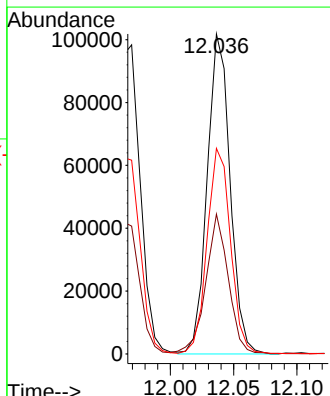
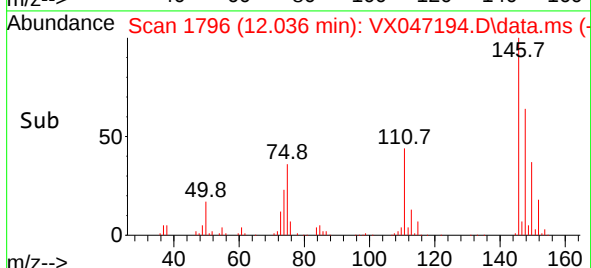
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

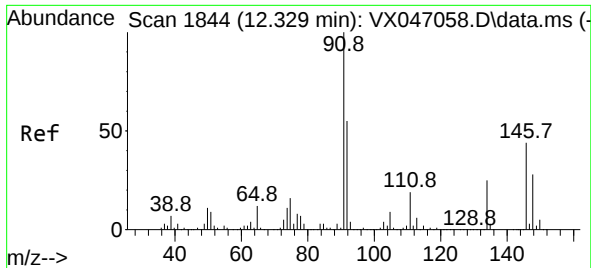


#88
1,4-Dichlorobenzene
Concen: 17.587 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



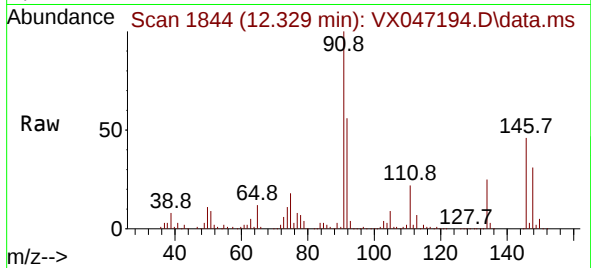
Tgt Ion:146 Resp: 128150
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.9
148 65.9 33.0 98.9





#89
n-Butylbenzene
Concen: 18.042 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

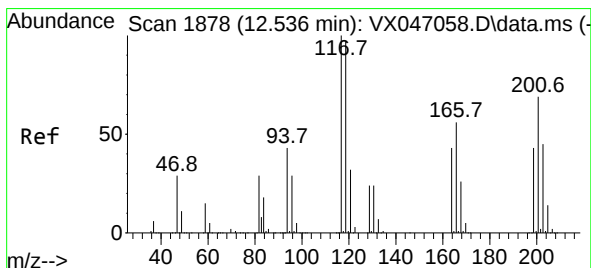
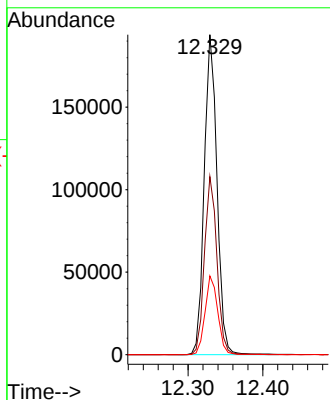
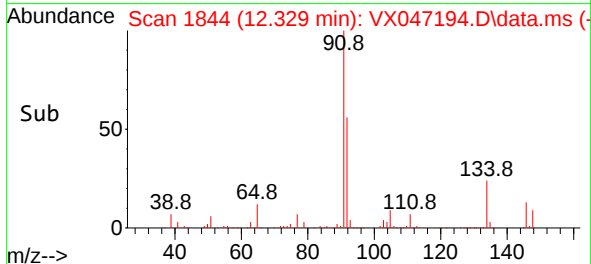
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 91 Resp: 229410
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.5
134 24.6 12.8 38.3

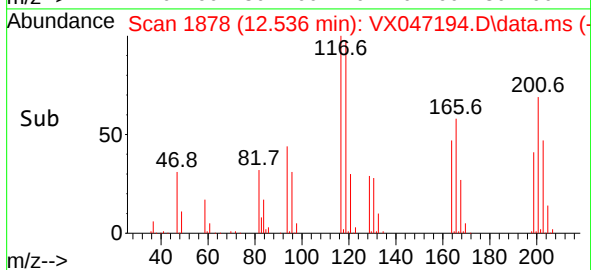
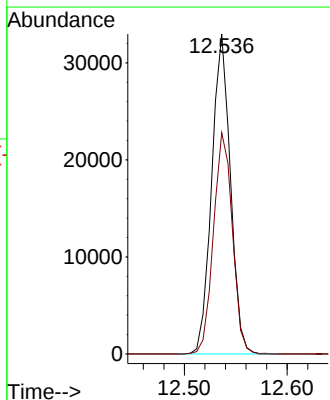
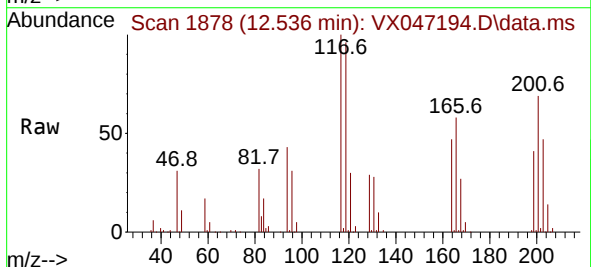
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#90
Hexachloroethane
Concen: 17.159 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

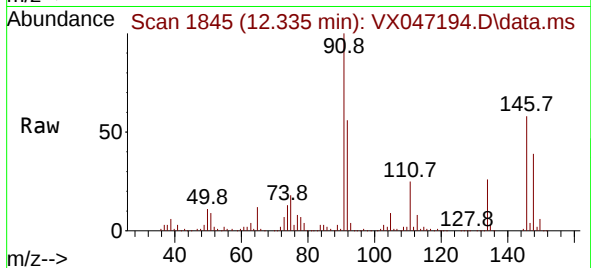
Tgt Ion:117 Resp: 41623
Ion Ratio Lower Upper
117 100
201 69.9 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 17.715 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

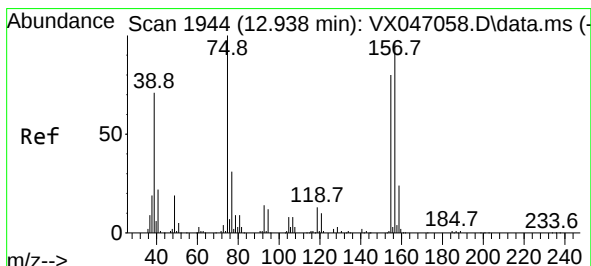
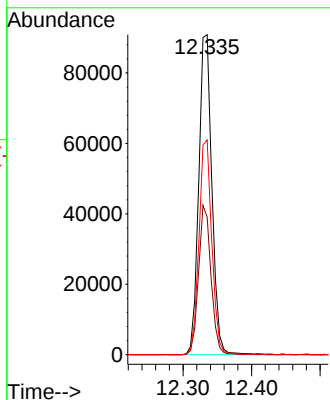
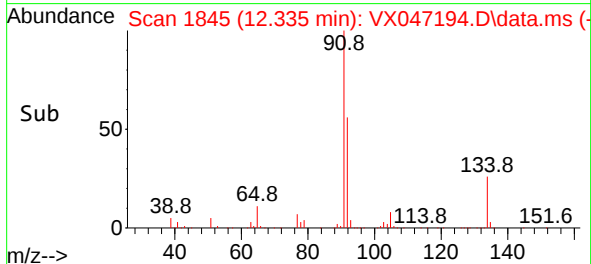
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



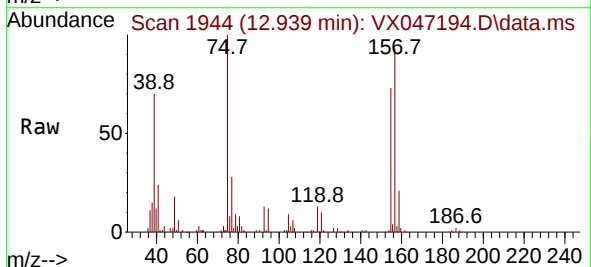
Tgt Ion:146 Resp: 12177
Ion Ratio Lower Upper
146 100
111 44.1 21.6 64.6
148 65.8 31.9 95.7

Manual Integrations
APPROVED

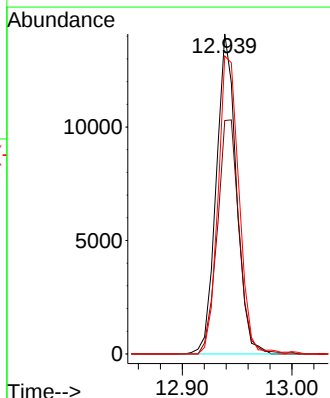
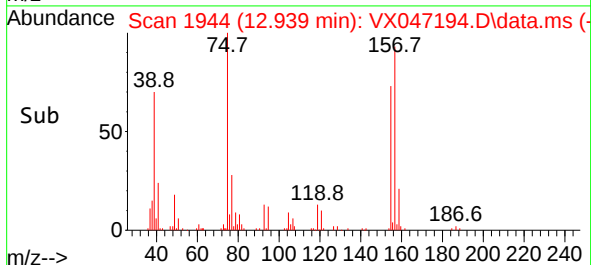
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

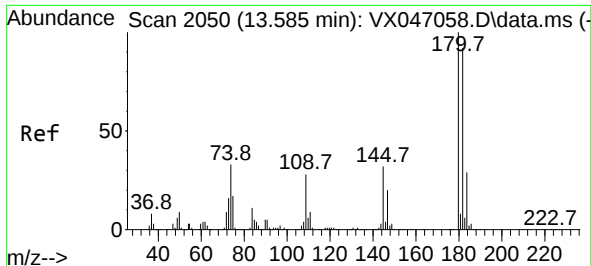


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.771 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



Tgt Ion: 75 Resp: 17973
Ion Ratio Lower Upper
75 100
155 79.5 41.3 124.1
157 96.8 52.8 158.3





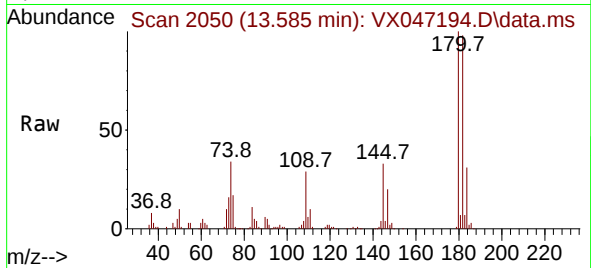
#93
1,2,4-Trichlorobenzene
Concen: 18.483 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

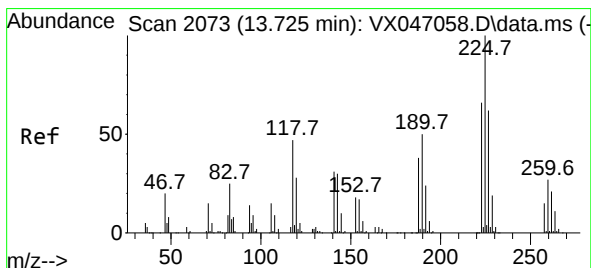
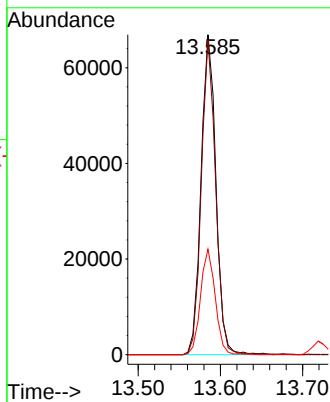
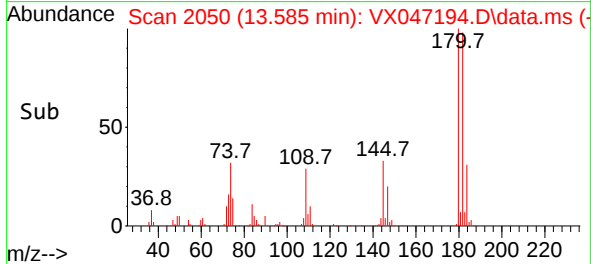


Tgt Ion:180 Resp: 8394
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 32.6 16.4 49.1

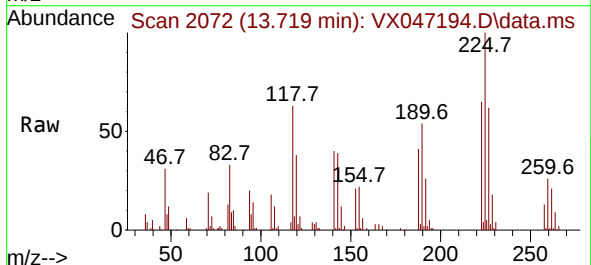
Manual Integrations

APPROVED

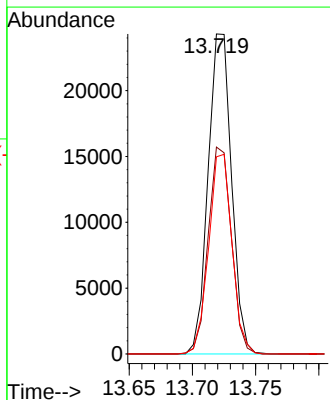
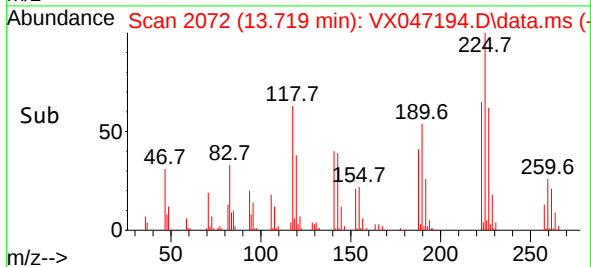
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

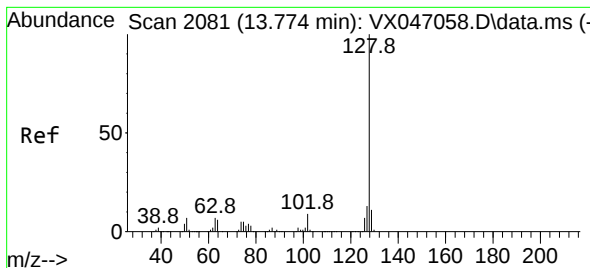


#94
Hexachlorobutadiene
Concen: 20.308 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047194.D
Acq: 31 Jul 2025 11:35



Tgt Ion:225 Resp: 31368
Ion Ratio Lower Upper
225 100
223 63.8 31.6 95.0
227 62.0 32.9 98.6





#95

Naphthalene

Concen: 19.634 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

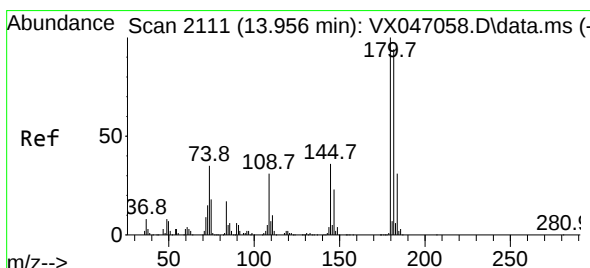
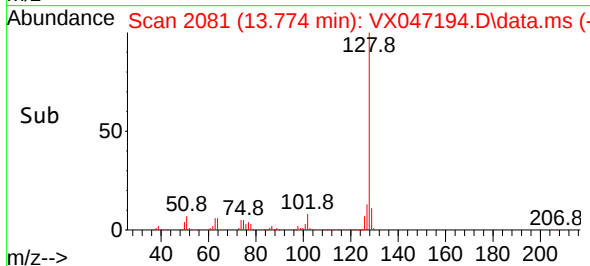
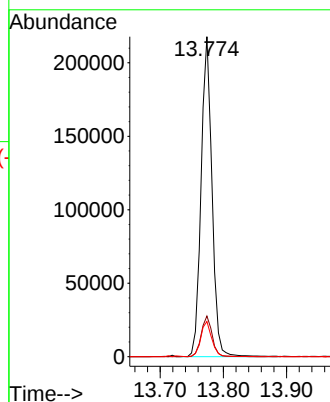
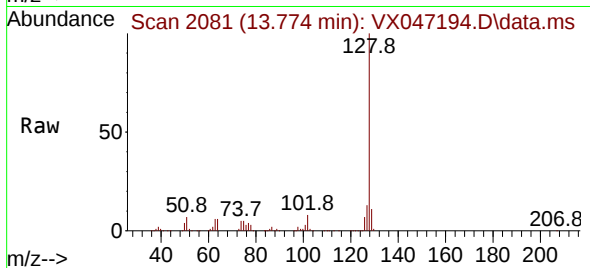
Tgt Ion:	128	Resp:	261410
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.658 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047194.D

Acq: 31 Jul 2025 11:35

Tgt Ion:	180	Resp:	81635
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.9	140.6
145	33.9	17.3	52.0

