

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048394.D
 Acq On : 28 Oct 2025 13:15
 Operator : JC/MD
 Sample : VX1028MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/29/2025
 Supervised By : Mahesh Dadoda 10/29/2025

Quant Time: Oct 29 01:19:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	162707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	274194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	123059	53.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.880%			
35) Dibromofluoromethane	5.379	113	82021	43.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.640%			
50) Toluene-d8	8.635	98	350639	53.441	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.880%			
62) 4-Bromofluorobenzene	11.067	95	128713	51.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	25440	15.209	ug/l	94
3) Chloromethane	1.301	50	14717	9.426	ug/l	96
4) Vinyl Chloride	1.380	62	35714	24.703	ug/l	99
5) Bromomethane	1.618	94	13453	13.711	ug/l	95
6) Chloroethane	1.697	64	22964	27.031	ug/l	98
7) Trichlorofluoromethane	1.898	101	57589	20.770	ug/l	99
8) Diethyl Ether	2.136	74	21206	27.181	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	33195	18.906	ug/l	99
10) Methyl Iodide	2.459	142	116944	52.981	ug/l	99
11) Tert butyl alcohol	2.934	59	15889	70.150	ug/l	98
12) 1,1-Dichloroethene	2.325	96	32867	19.241	ug/l	85
13) Acrolein	2.239	56	21635	93.656	ug/l	97
14) Allyl chloride	2.666	41	55493	19.567	ug/l	98
15) Acrylonitrile	3.056	53	76331	93.458	ug/l	97
16) Acetone	2.373	43	57782	73.833	ug/l	100
17) Carbon Disulfide	2.520	76	87082	16.175	ug/l	100
18) Methyl Acetate	2.703	43	33542	20.522	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	107840	18.505	ug/l	98
20) Methylene Chloride	2.794	84	36449	19.114	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	34405	18.336	ug/l	97
22) Diisopropyl ether	3.751	45	120921	21.377	ug/l	99
23) Vinyl Acetate	3.715	43	426410	94.369	ug/l	99
24) 1,1-Dichloroethane	3.605	63	66073	19.317	ug/l	99
25) 2-Butanone	4.544	43	83178	83.969	ug/l	99
26) 2,2-Dichloropropane	4.471	77	54580	17.679	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	41827	19.100	ug/l	98
28) Bromochloromethane	4.891	49	27020	19.052	ug/l	98
29) Tetrahydrofuran	4.995	42	54380	91.663	ug/l	98
30) Chloroform	5.086	83	68872	18.847	ug/l	94
31) Cyclohexane	5.458	56	56263	19.869	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	60255	17.891	ug/l	99
36) 1,1-Dichloropropene	5.684	75	46681	17.545	ug/l	100
37) Ethyl Acetate	4.702	43	40424	18.330	ug/l	99
38) Carbon Tetrachloride	5.666	117	54205	16.513	ug/l	98
39) Methylcyclohexane	7.367	83	56320	17.924	ug/l	97
40) Benzene	6.025	78	143663	18.598	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	20977	18.113	ug/l	96
42) 1,2-Dichloroethane	6.074	62	52007	18.245	ug/l	99
43) Isopropyl Acetate	6.324	43	67062	18.513	ug/l	97
44) Trichloroethene	7.110	130	36514	17.902	ug/l	98
45) 1,2-Dichloropropane	7.415	63	36351	19.793	ug/l	99
46) Dibromomethane	7.568	93	25303	17.684	ug/l	98
47) Bromodichloromethane	7.812	83	54358	17.595	ug/l	95
48) Methyl methacrylate	7.677	41	32555	17.810	ug/l	97
49) 1,4-Dioxane	7.647	88	7709	319.225	ug/l #	88
51) 4-Methyl-2-Pentanone	8.555	43	199212	95.382	ug/l	100
52) Toluene	8.702	92	90353	18.412	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	49509	16.630	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	54722	17.037	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	33264	18.227	ug/l	99
56) Ethyl methacrylate	9.104	69	48339	18.110	ug/l	98
57) 1,3-Dichloropropane	9.293	76	57388	18.410	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	121324	85.654	ug/l	98
59) 2-Hexanone	9.415	43	133225	91.479	ug/l	100
60) Dibromochloromethane	9.506	129	40722	16.602	ug/l	98
61) 1,2-Dibromoethane	9.592	107	34406	17.685	ug/l	96
64) Tetrachloroethene	9.256	164	33955	18.657	ug/l	99
65) Chlorobenzene	10.061	112	99501	18.144	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.147	131	34662	17.208	ug/l	99
67) Ethyl Benzene	10.177	91	166473	17.829	ug/l	98
68) m/p-Xylenes	10.287	106	129867	37.435	ug/l	96
69) o-Xylene	10.628	106	61252	18.288	ug/l	97
70) Styrene	10.640	104	105390	18.480	ug/l	100
71) Bromoform	10.781	173	25149	15.622	ug/l #	100
73) Isopropylbenzene	10.945	105	161687	18.511	ug/l	98
74) N-amyl acetate	10.823	43	58715	18.951	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	43108	18.072	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	36815m	18.984	ug/l	
77) Bromobenzene	11.183	156	38395	17.531	ug/l	99
78) n-propylbenzene	11.287	91	189227	18.711	ug/l	99
79) 2-Chlorotoluene	11.348	91	113569	18.522	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	133466	18.464	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	9138	11.464	ug/l #	91
82) 4-Chlorotoluene	11.439	91	134904	18.534	ug/l	98
83) tert-Butylbenzene	11.695	119	134742	18.142	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	132519	18.370	ug/l	98
85) sec-Butylbenzene	11.872	105	168162	18.820	ug/l	100
86) p-Isopropyltoluene	11.994	119	141405	18.309	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	72085	17.459	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	74300	17.371	ug/l	99
89) n-Butylbenzene	12.317	91	129447	18.414	ug/l	99
90) Hexachloroethane	12.518	117	23974	15.719	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	68384	17.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8434	17.419	ug/l	88
93) 1,2,4-Trichlorobenzene	13.567	180	44695	17.049	ug/l	99
94) Hexachlorobutadiene	13.707	225	18764	19.142	ug/l	99
95) Naphthalene	13.756	128	118340	17.039	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	41905	17.420	ug/l	97

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

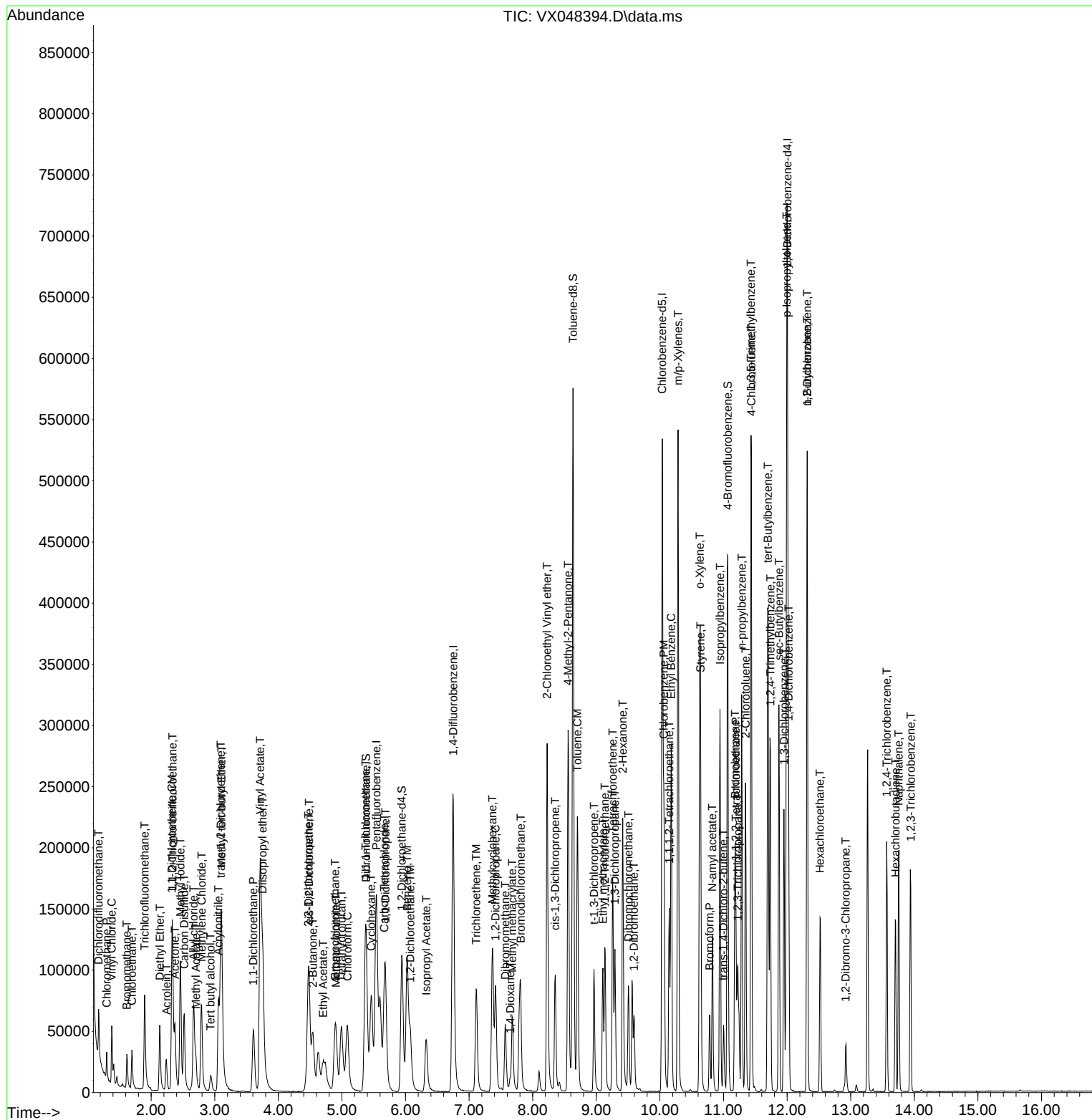
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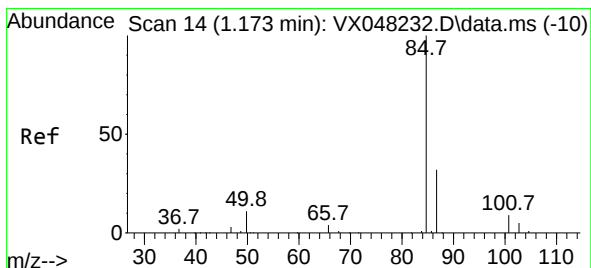
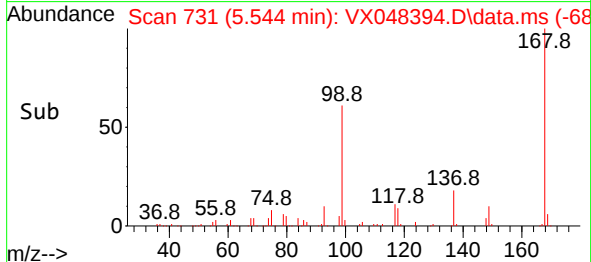
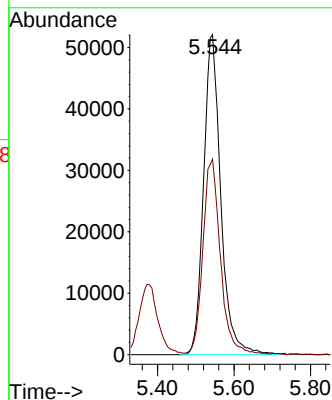
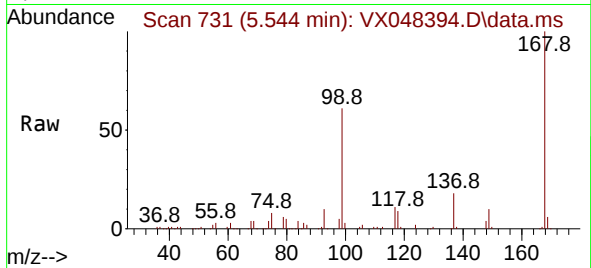
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048394.D
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MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion:168 Resp: 16270
Ion Ratio Lower Upper
168 100
99 60.9 46.4 69.6

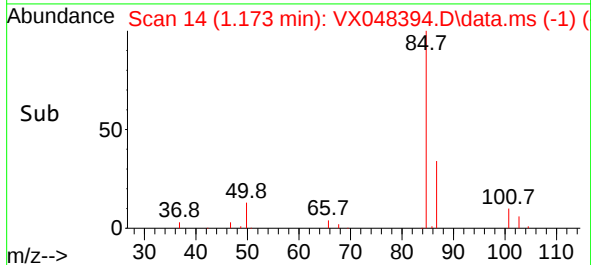
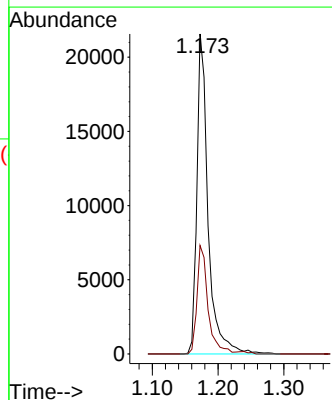
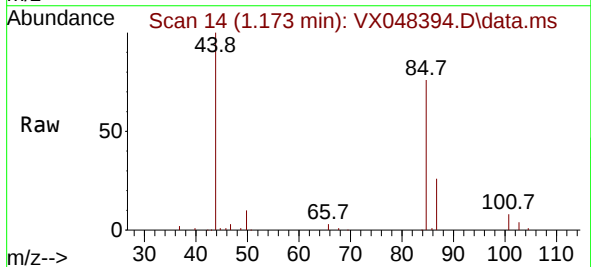
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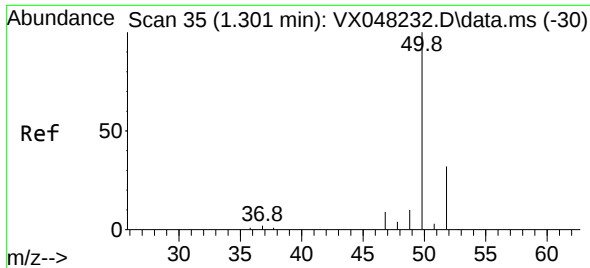
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#2
Dichlorodifluoromethane
Concen: 15.209 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 85 Resp: 25440
Ion Ratio Lower Upper
85 100
87 33.9 15.3 45.9





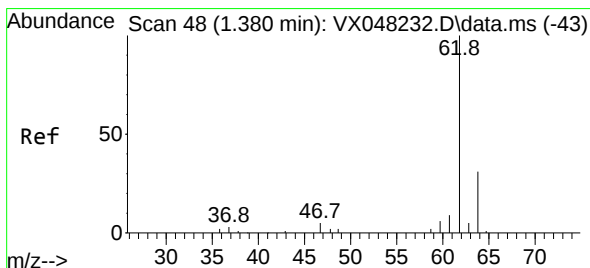
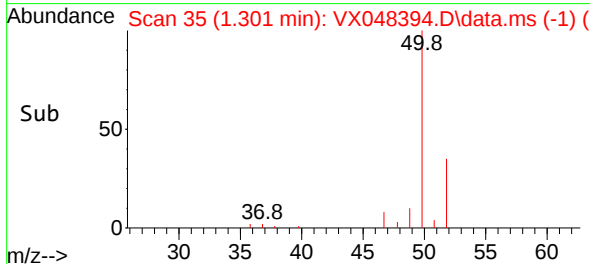
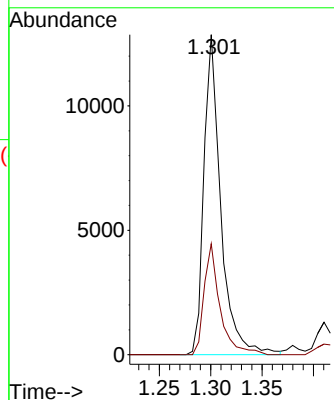
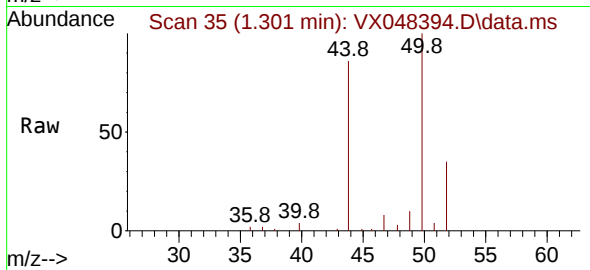
#3
Chloromethane
Concen: 9.426 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
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Tgt Ion: 50 Resp: 1471
Ion Ratio Lower Upper
50 100
52 34.6 25.9 38.9

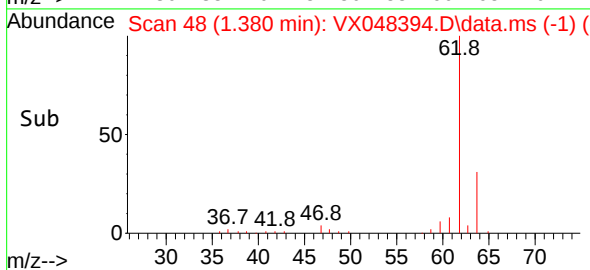
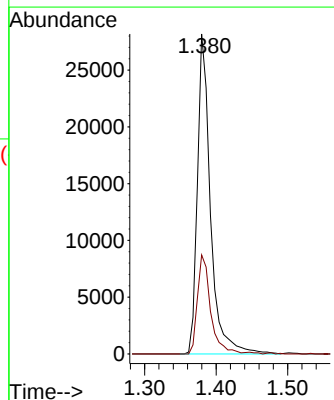
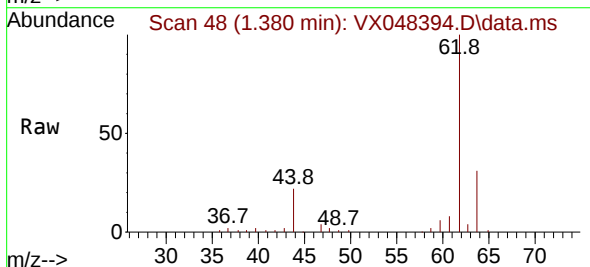
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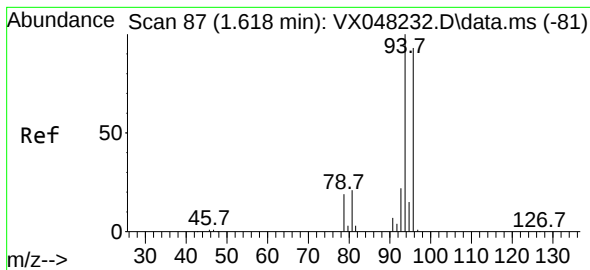
Reviewed By :John Carlone 10/29/2025
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#4
Vinyl Chloride
Concen: 24.703 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

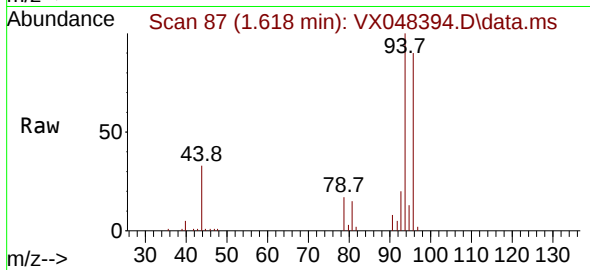
Tgt Ion: 62 Resp: 35714
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7





#5
Bromomethane
Concen: 13.711 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

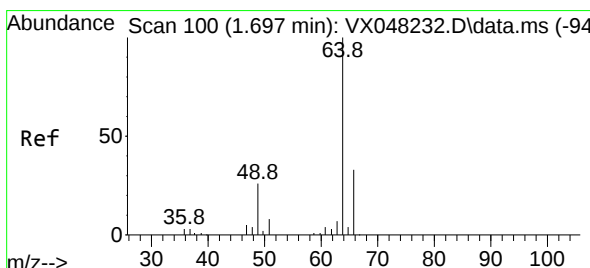
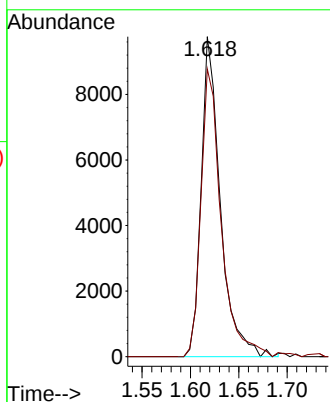
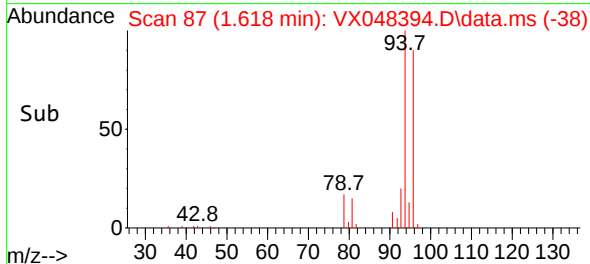
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Tgt Ion: 94 Resp: 1345
Ion Ratio Lower Upper
94 100
96 89.9 76.0 114.0

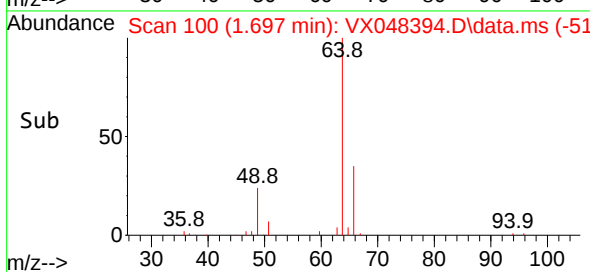
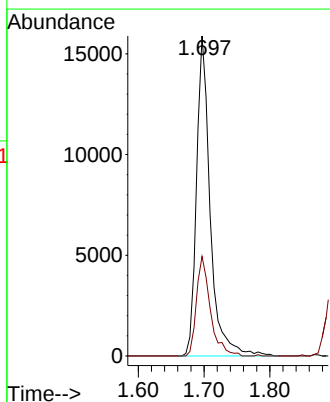
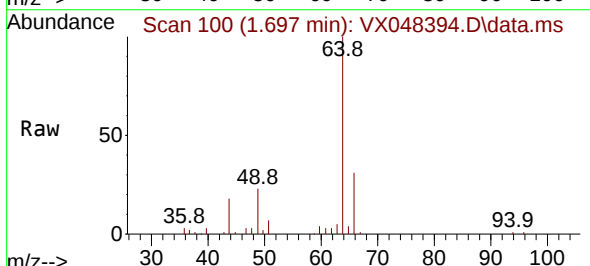
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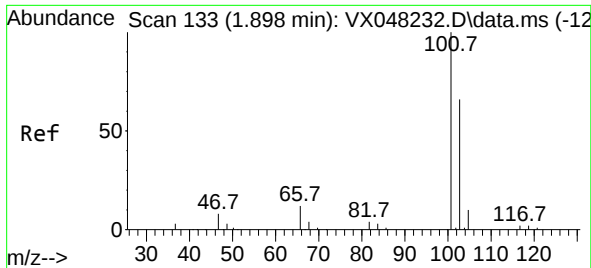
Reviewed By :John Carlone 10/29/2025
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#6
Chloroethane
Concen: 27.031 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048394.D
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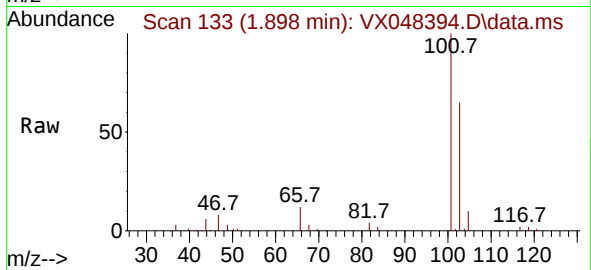
Tgt Ion: 64 Resp: 22964
Ion Ratio Lower Upper
64 100
66 31.1 23.9 35.9





#7
Trichlorofluoromethane
Concen: 20.770 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

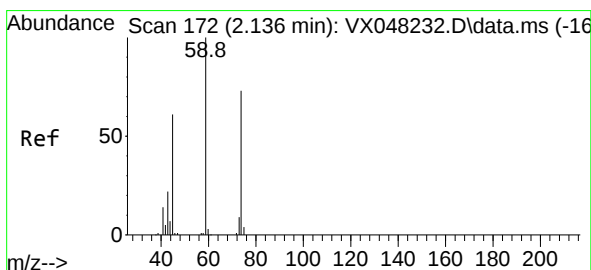
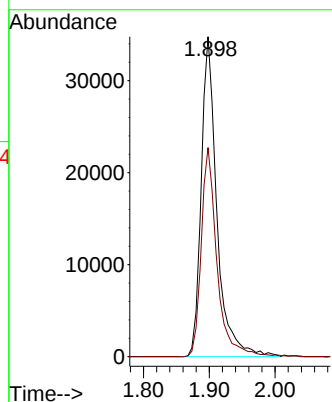
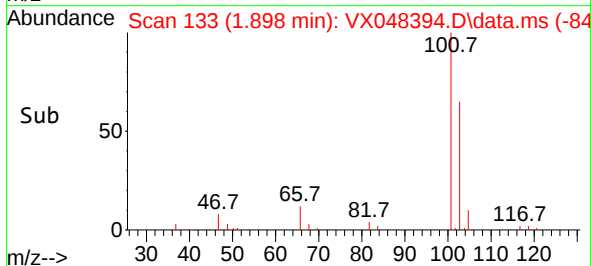
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Tgt Ion:101 Resp: 57589
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

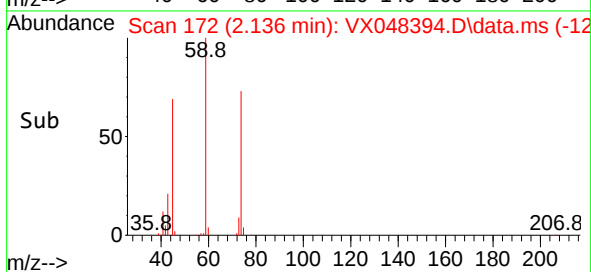
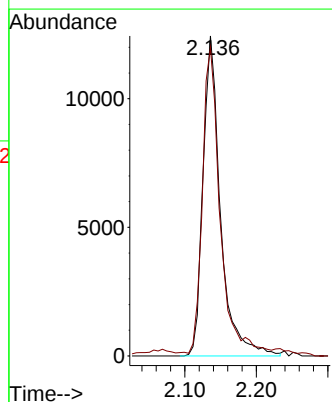
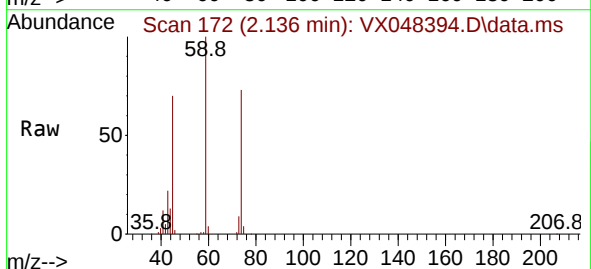
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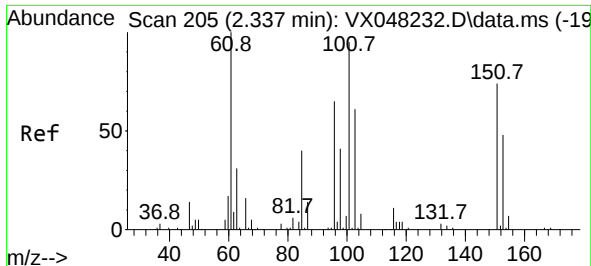
Reviewed By :John Carlone 10/29/2025
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#8
Diethyl Ether
Concen: 27.181 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 74 Resp: 21206
Ion Ratio Lower Upper
74 100
45 95.2 50.0 149.8





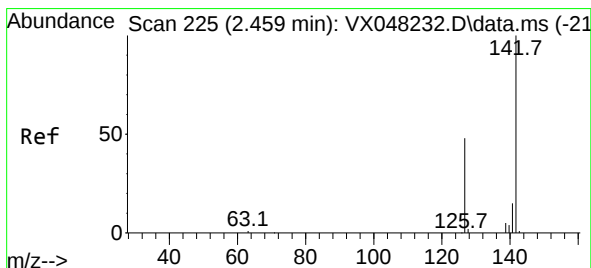
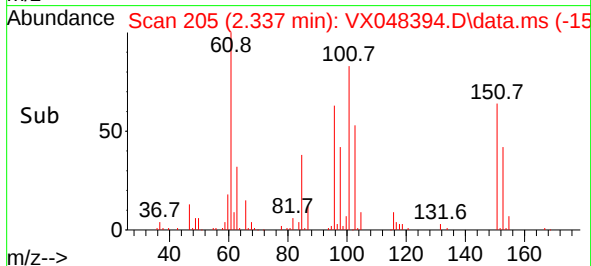
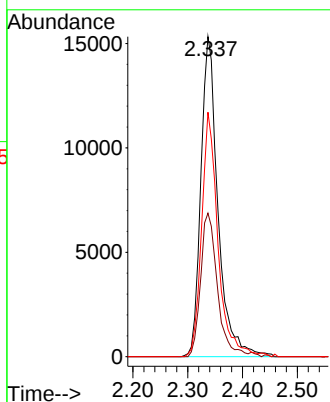
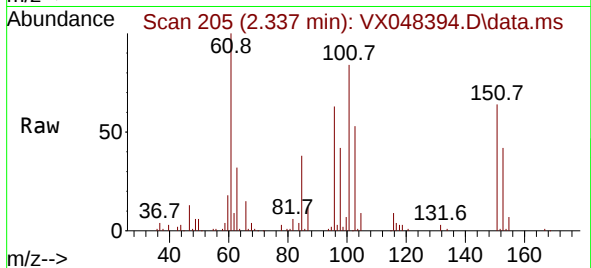
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.906 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion:101 Resp: 3319
Ion Ratio Lower Upper
101 100
85 43.9 35.6 53.4
151 73.4 58.0 87.0

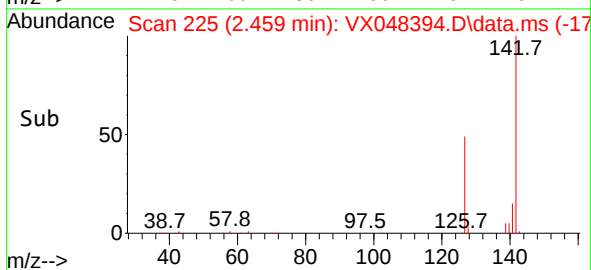
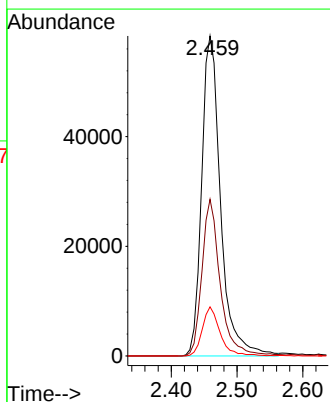
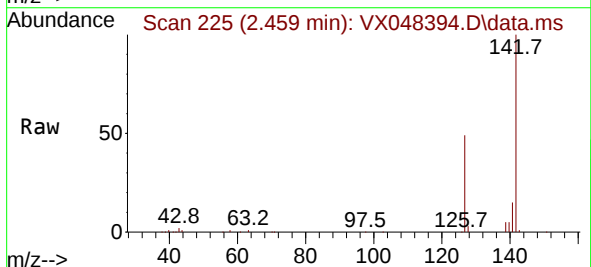
Manual Integrations
APPROVED

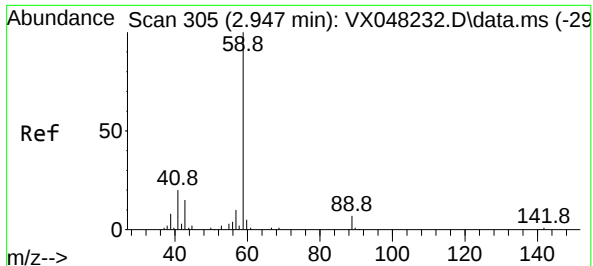
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#10
Methyl Iodide
Concen: 52.981 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

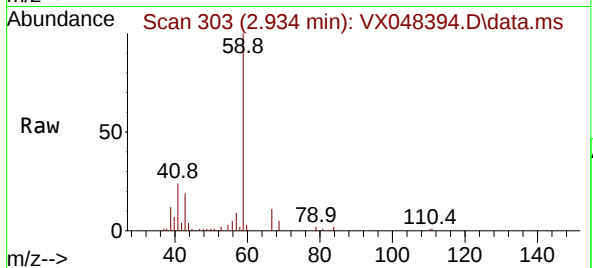
Tgt Ion:142 Resp: 116944
Ion Ratio Lower Upper
142 100
127 47.4 38.5 57.7
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 70.150 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

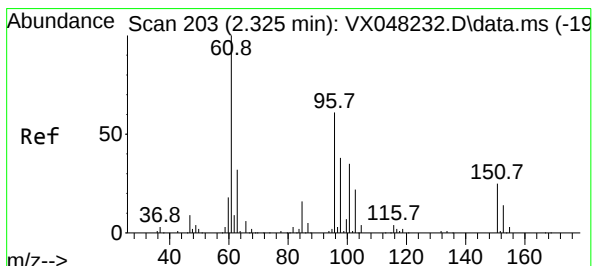
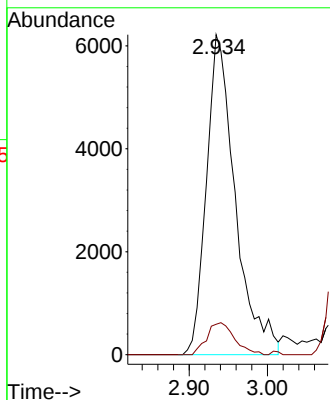
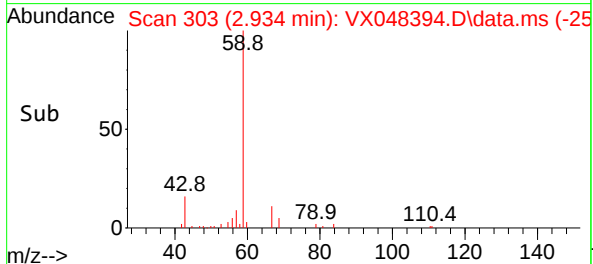
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



Tgt Ion: 59 Resp: 15889
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

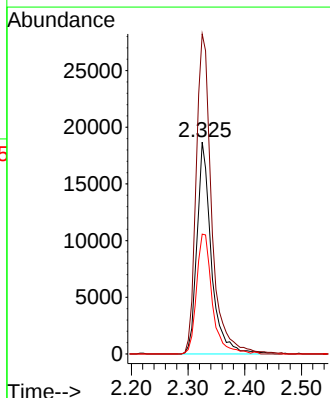
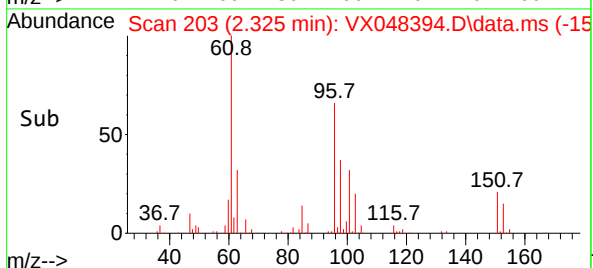
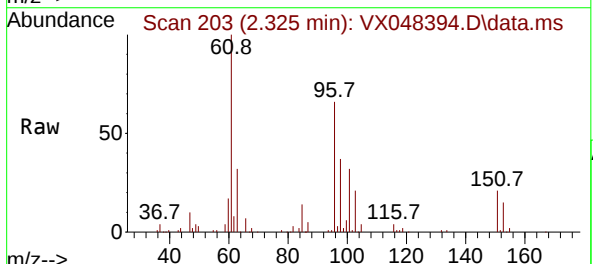
Manual Integrations
APPROVED

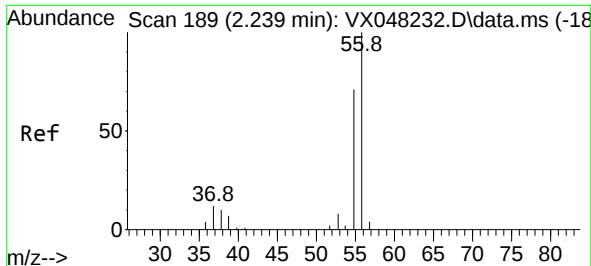
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#12
1,1-Dichloroethene
Concen: 19.241 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

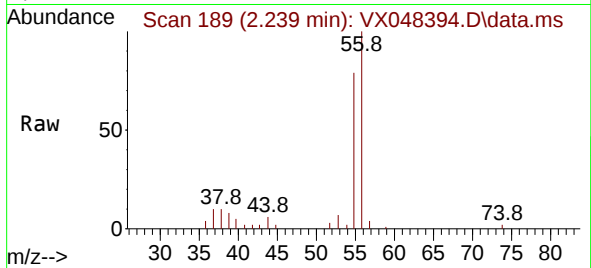
Tgt Ion: 96 Resp: 32867
Ion Ratio Lower Upper
96 100
61 151.1 139.0 208.6
98 56.6 52.4 78.6





#13
Acrolein
Concen: 93.656 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

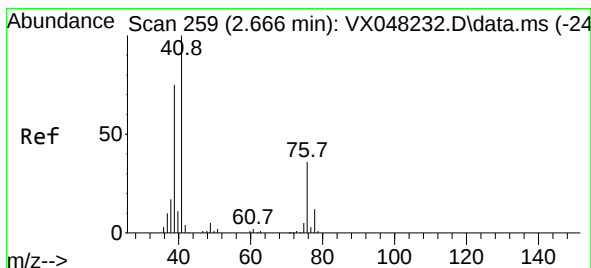
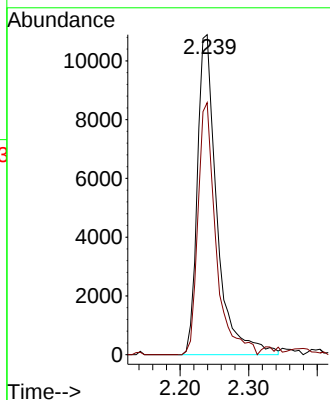
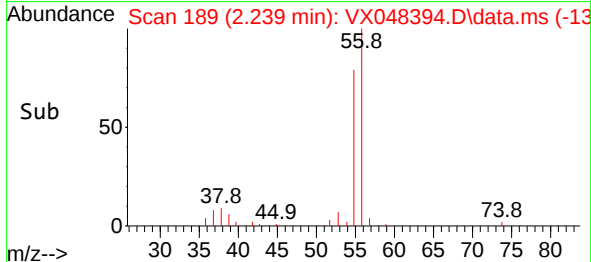
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



Tgt Ion: 56 Resp: 2163
Ion Ratio Lower Upper
56 100
55 72.3 56.1 84.1

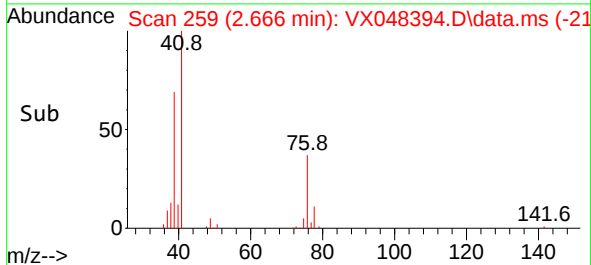
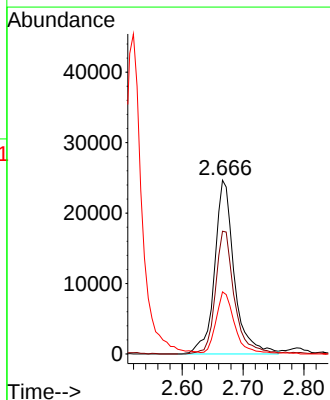
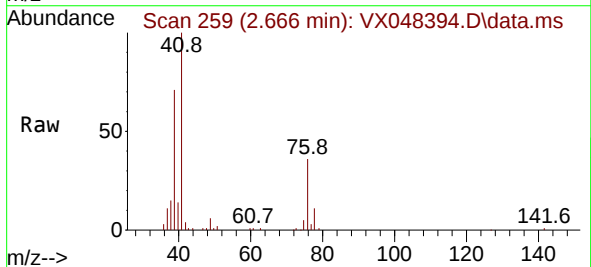
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#14
Allyl chloride
Concen: 19.567 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

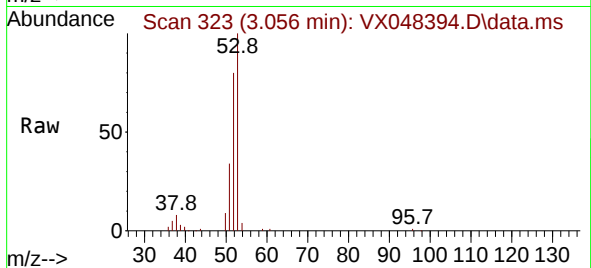
Tgt Ion: 41 Resp: 55493
Ion Ratio Lower Upper
41 100
39 68.1 56.0 84.0
76 34.4 27.5 41.3





#15
Acrylonitrile
Concen: 93.458 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

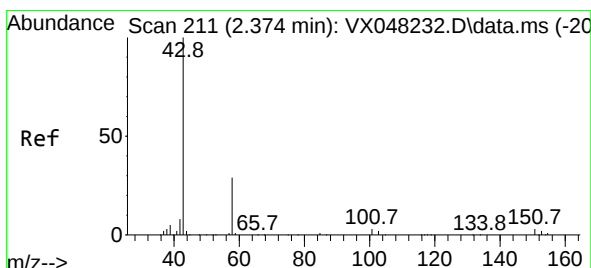
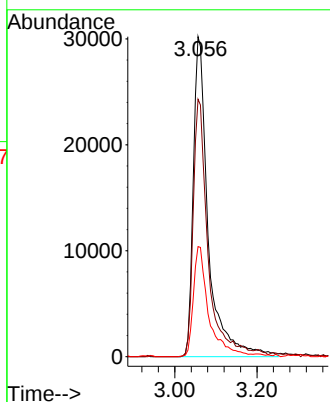
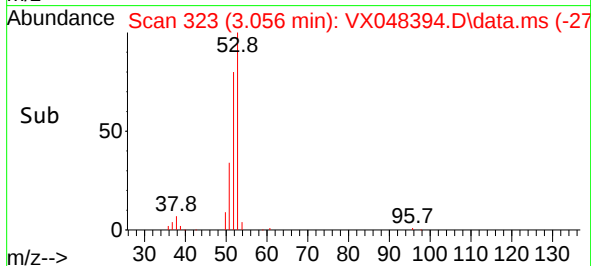
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



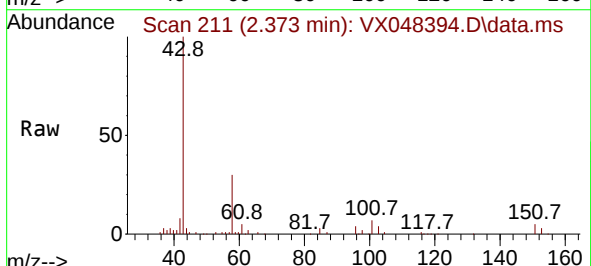
Tgt Ion: 53 Resp: 7633
Ion Ratio Lower Upper
53 100
52 79.3 66.1 99.1
51 35.5 29.0 43.4

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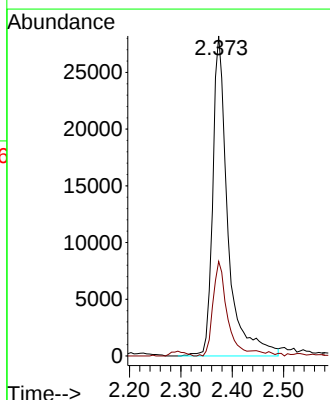
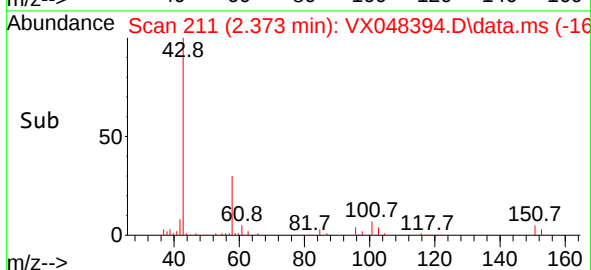
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

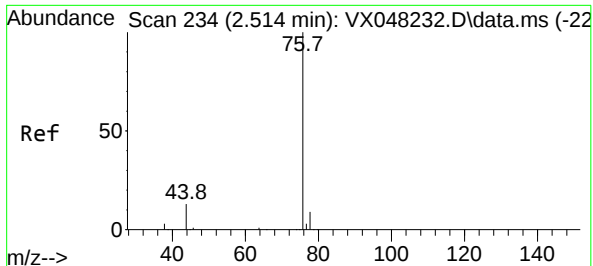


#16
Acetone
Concen: 73.833 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15



Tgt Ion: 43 Resp: 57782
Ion Ratio Lower Upper
43 100
58 29.2 23.4 35.2





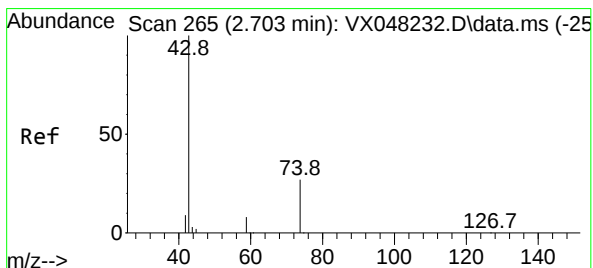
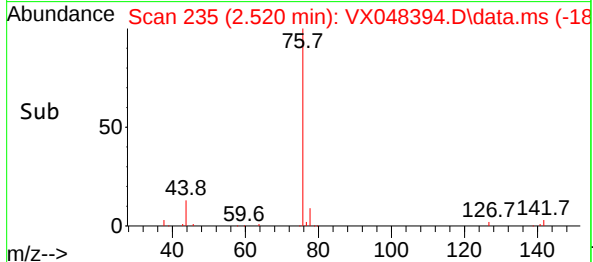
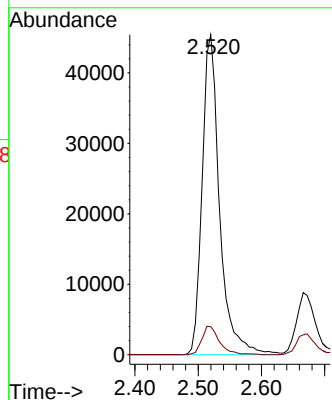
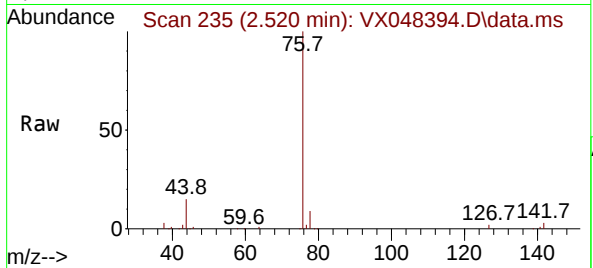
#17
Carbon Disulfide
Concen: 16.175 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 76 Resp: 8708
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

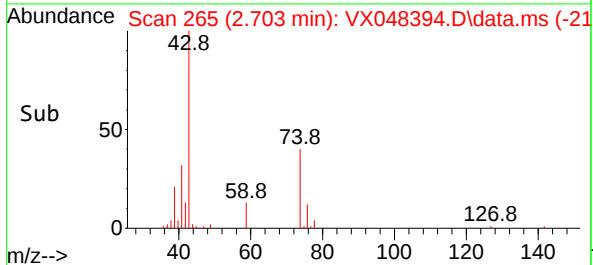
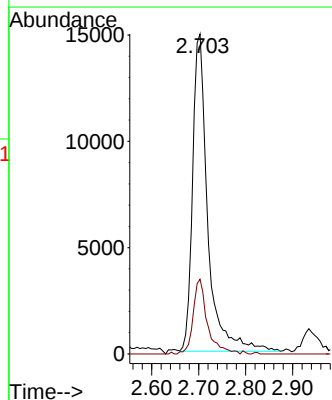
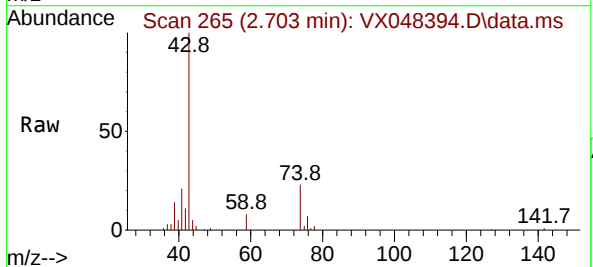
Manual Integrations
APPROVED

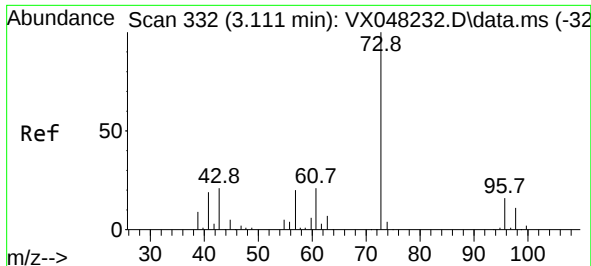
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#18
Methyl Acetate
Concen: 20.522 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 43 Resp: 33542
Ion Ratio Lower Upper
43 100
74 22.1 17.5 26.3





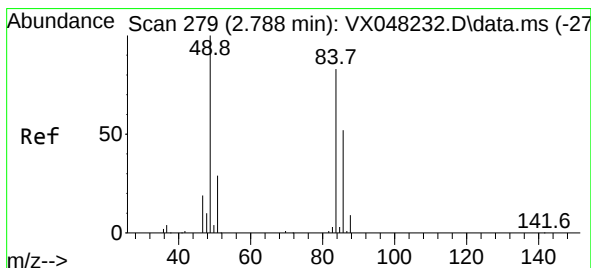
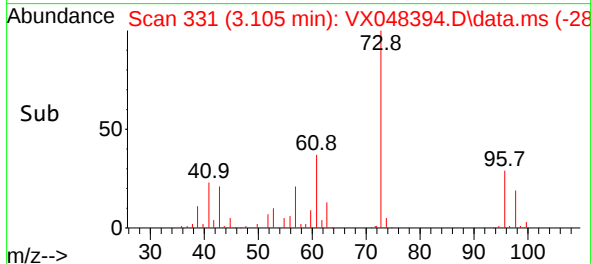
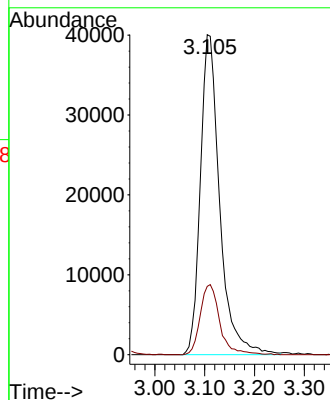
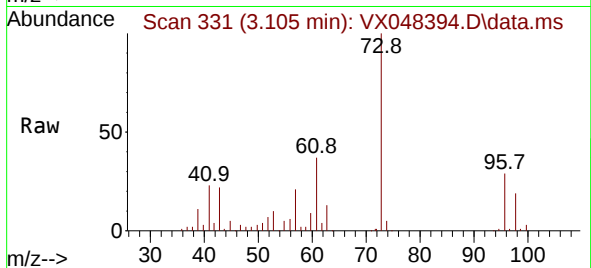
#19
Methyl tert-butyl Ether
Concen: 18.505 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 73 Resp: 107840
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

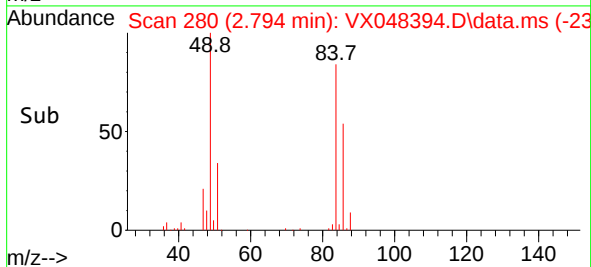
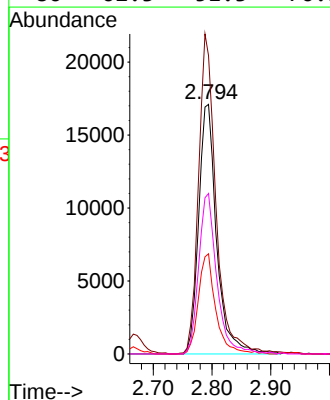
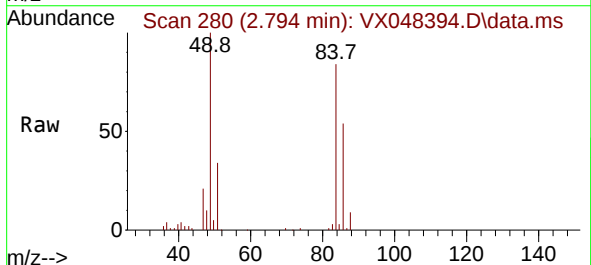
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#20
Methylene Chloride
Concen: 19.114 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

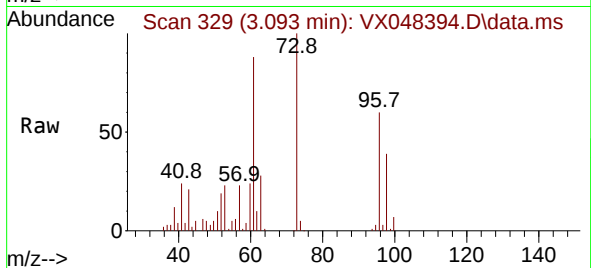
Tgt Ion: 84 Resp: 36449
Ion Ratio Lower Upper
84 100
49 115.5 104.1 156.1
51 38.9 31.3 46.9
86 62.3 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 18.336 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

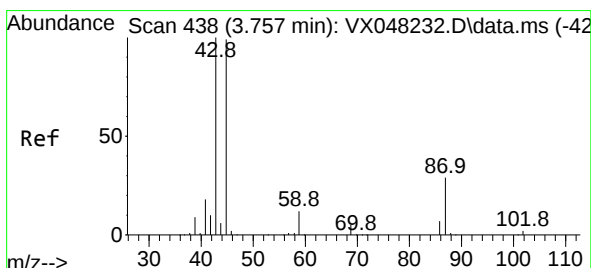
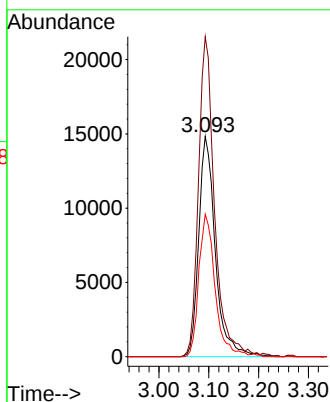
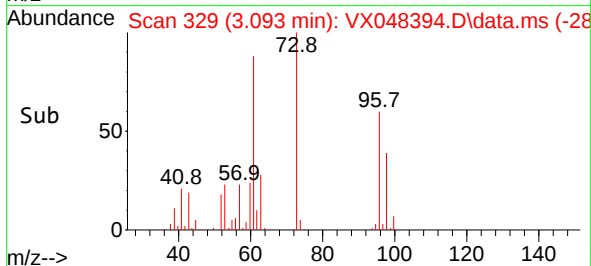
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



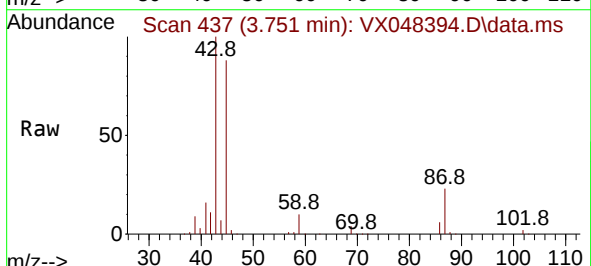
Tgt Ion: 96 Resp: 3440
Ion Ratio Lower Upper
96 100
61 145.3 111.9 167.9
98 64.7 51.2 76.8

Manual Integrations
APPROVED

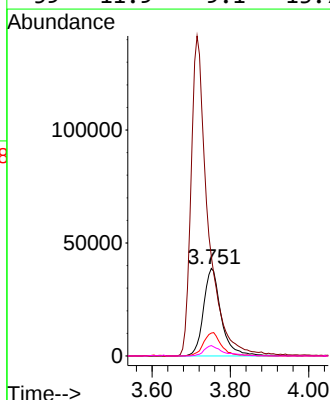
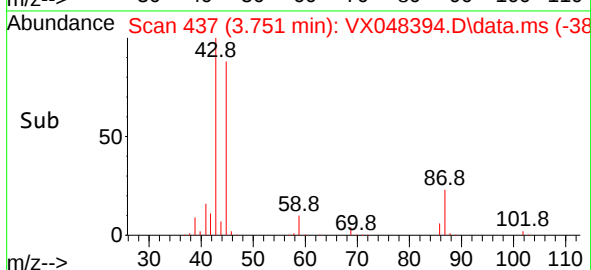
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#22
Diisopropyl ether
Concen: 21.377 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15



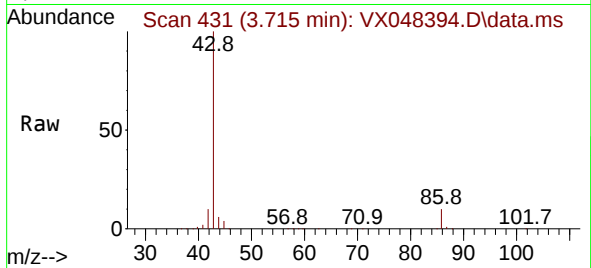
Tgt Ion: 45 Resp: 120921
Ion Ratio Lower Upper
45 100
43 113.7 89.8 134.8
87 26.1 20.6 31.0
59 11.9 9.1 13.7





#23
 Vinyl Acetate
 Concen: 94.369 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

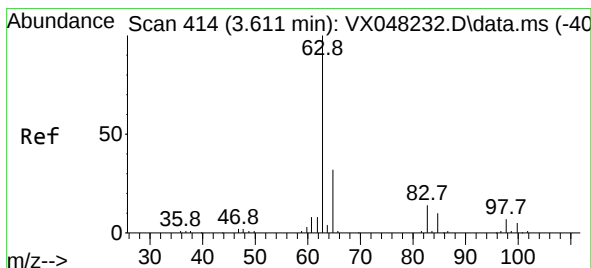
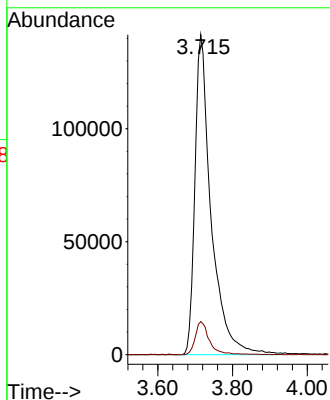
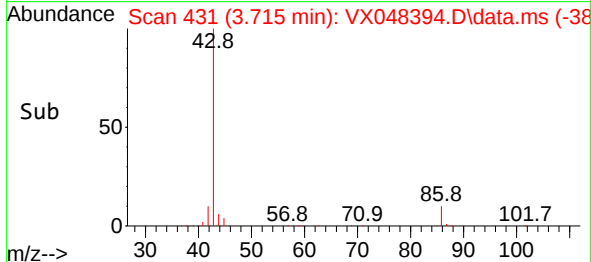
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBS01



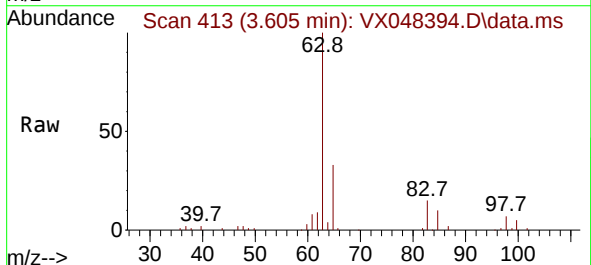
Tgt Ion: 43 Resp: 426410
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.9 11.9

Manual Integrations
 APPROVED

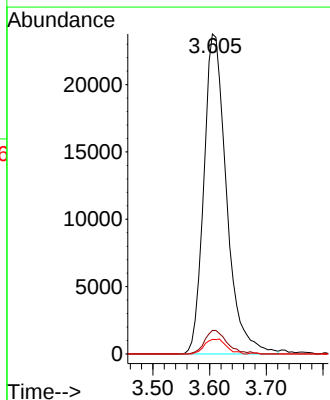
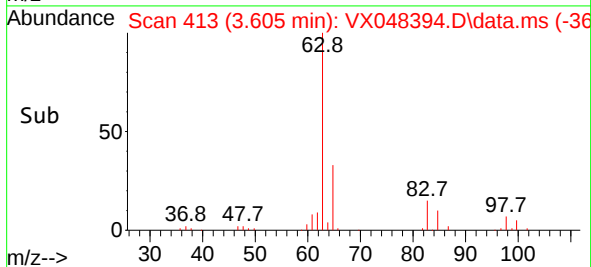
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

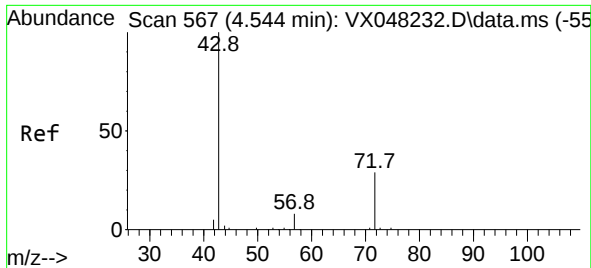


#24
 1,1-Dichloroethane
 Concen: 19.317 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15



Tgt Ion: 63 Resp: 66073
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.5 2.1 6.3





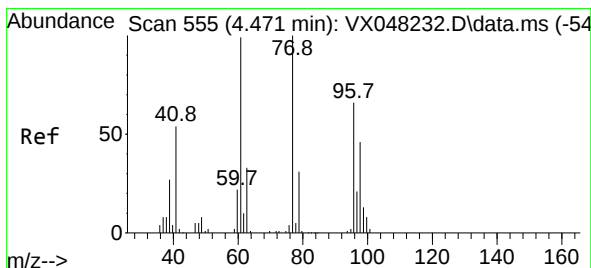
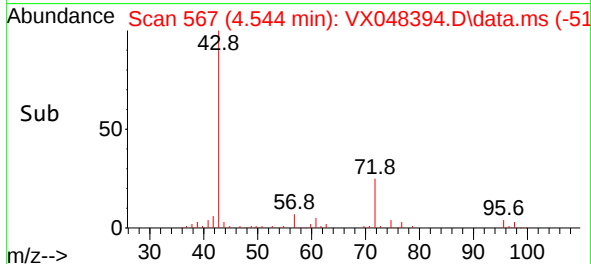
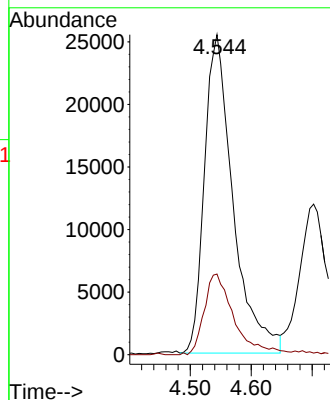
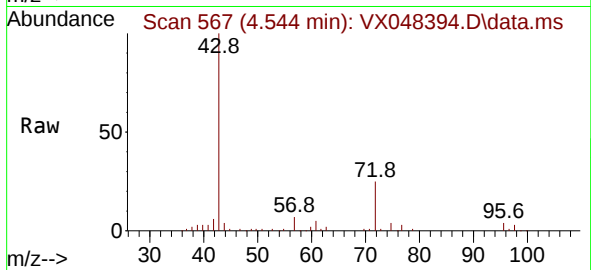
#25
2-Butanone
Concen: 83.969 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 43 Resp: 83178
Ion Ratio Lower Upper
43 100
72 25.3 19.9 29.9

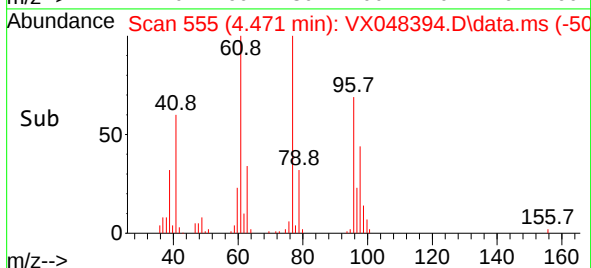
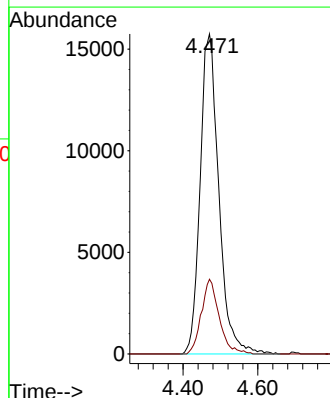
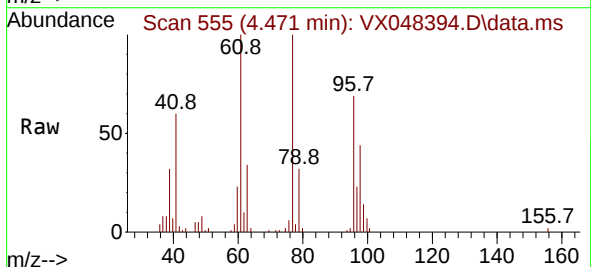
Manual Integrations
APPROVED

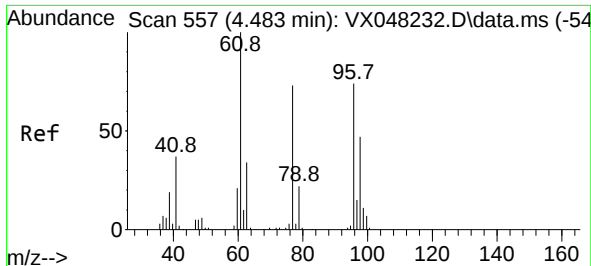
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#26
2,2-Dichloropropane
Concen: 17.679 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

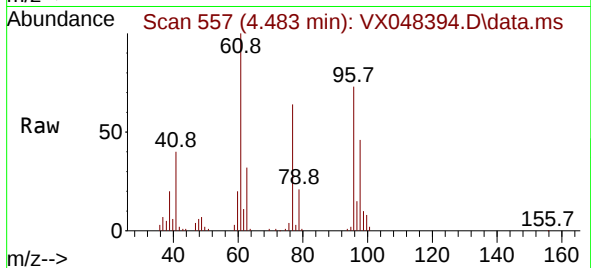
Tgt Ion: 77 Resp: 54580
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.100 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

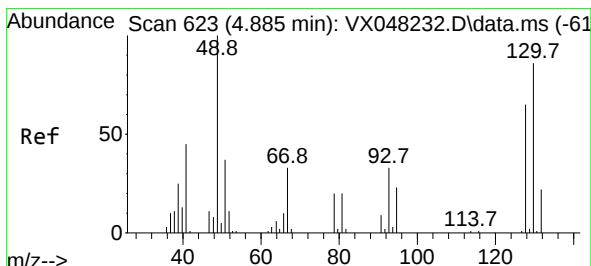
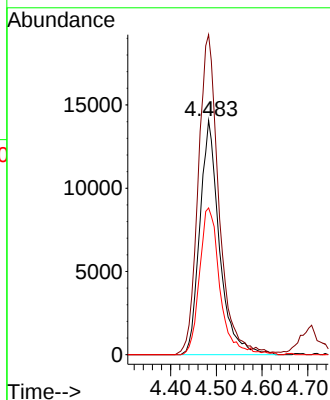
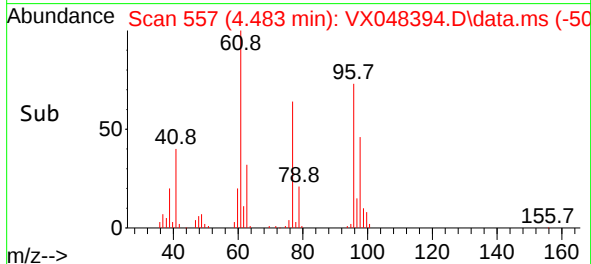
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBS01



Tgt Ion: 96 Resp: 4182
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 294.2
 98 65.4 0.0 128.4

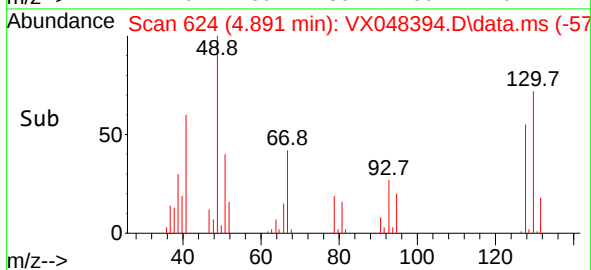
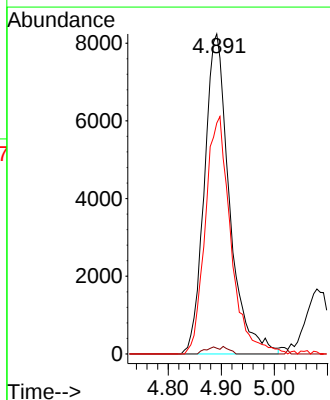
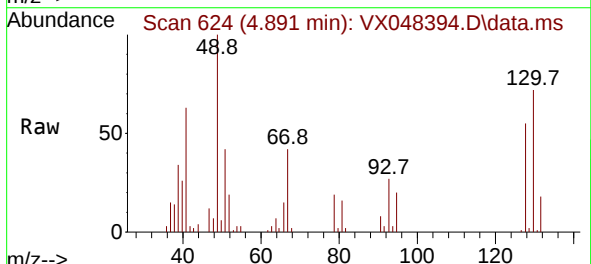
Manual Integrations
 APPROVED

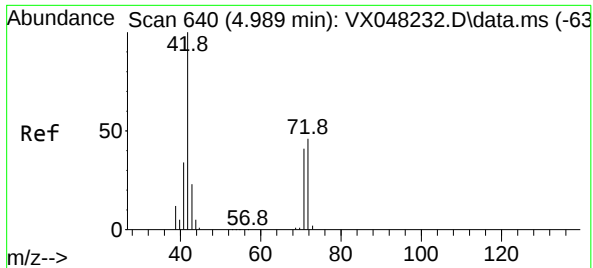
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#28
 Bromochloromethane
 Concen: 19.052 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

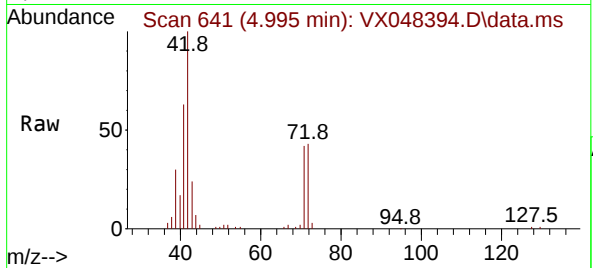
Tgt Ion: 49 Resp: 27020
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.4
 130 75.5 59.3 88.9





#29
Tetrahydrofuran
Concen: 91.663 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

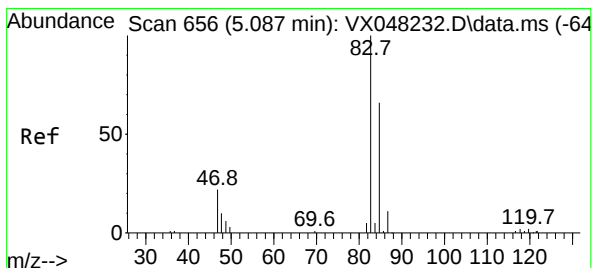
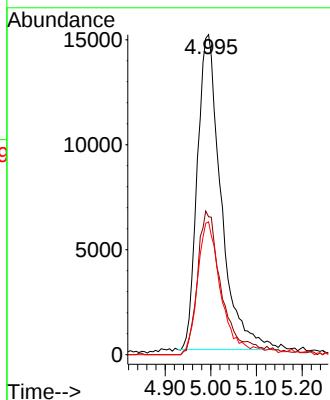
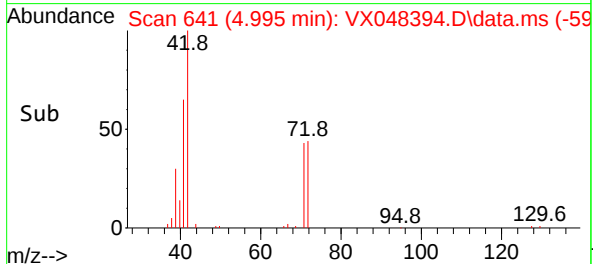
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



Tgt Ion: 42 Resp: 54380
Ion Ratio Lower Upper
42 100
72 46.2 35.3 52.9
71 40.9 32.2 48.4

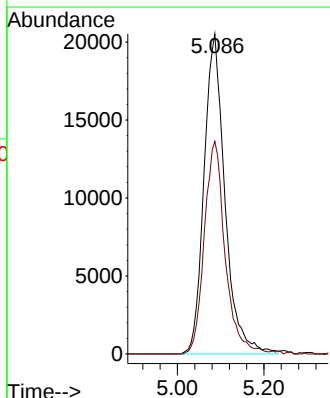
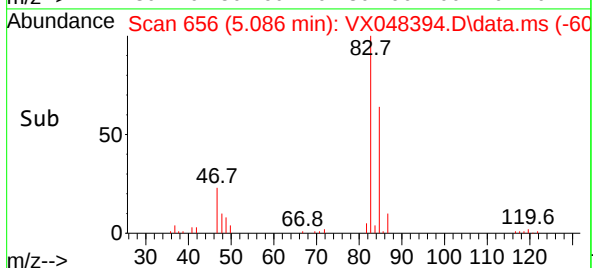
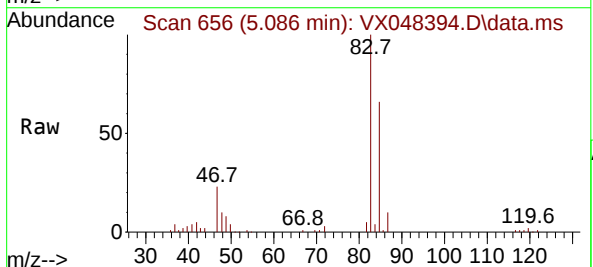
Manual Integrations
APPROVED

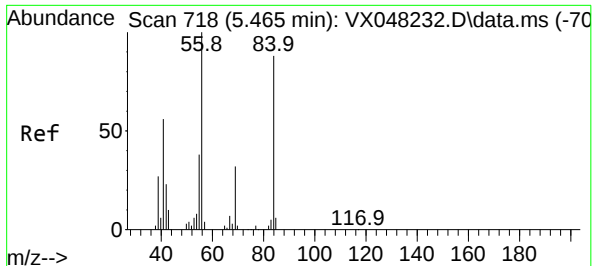
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#30
Chloroform
Concen: 18.847 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

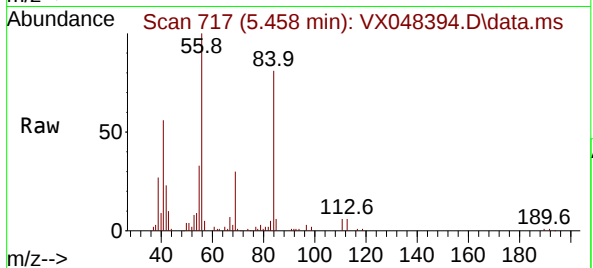
Tgt Ion: 83 Resp: 68872
Ion Ratio Lower Upper
83 100
85 67.5 50.1 75.1





#31
Cyclohexane
Concen: 19.869 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

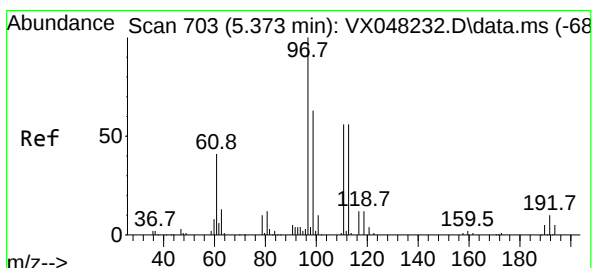
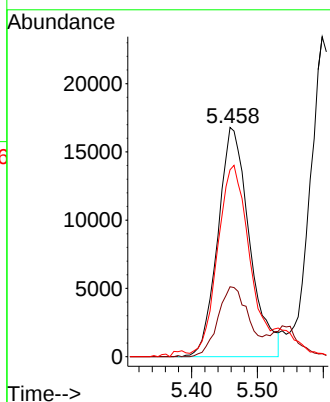
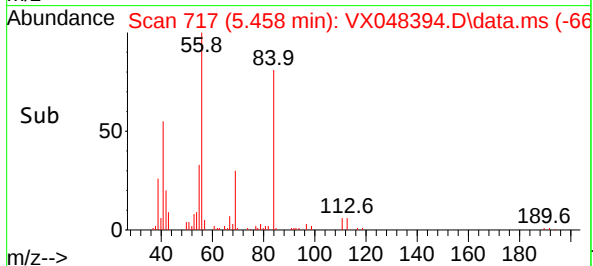
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



Tgt Ion: 56 Resp: 5626
Ion Ratio Lower Upper
56 100
69 30.0 23.0 34.6
84 79.3 64.6 97.0

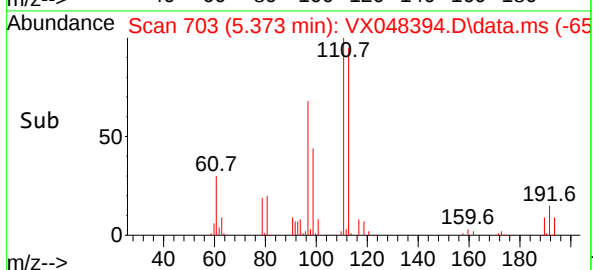
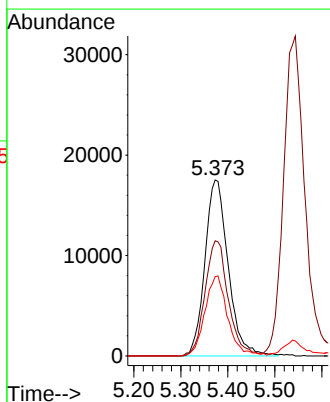
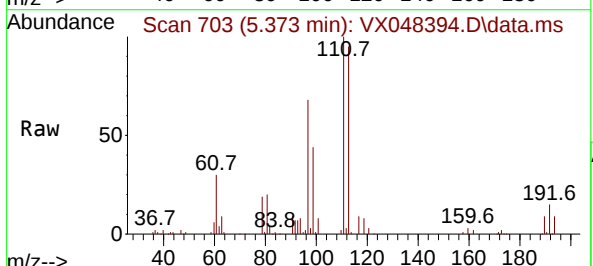
Manual Integrations
APPROVED

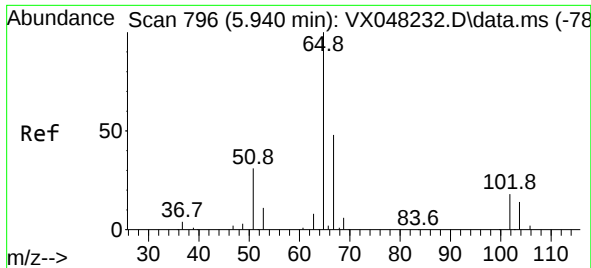
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 17.891 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

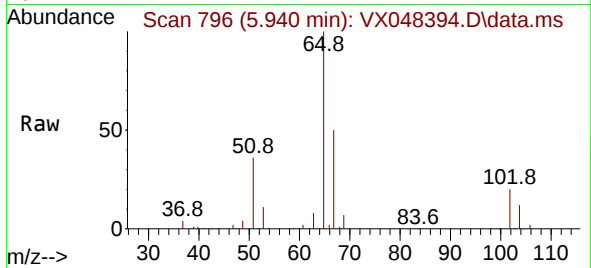
Tgt Ion: 97 Resp: 60255
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 44.6 34.8 52.2





#33
 1,2-Dichloroethane-d4
 Concen: 53.943 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

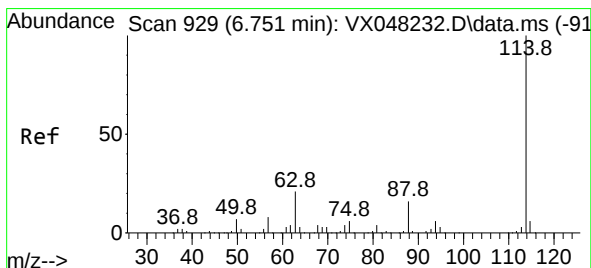
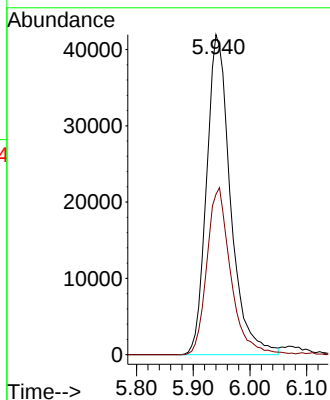
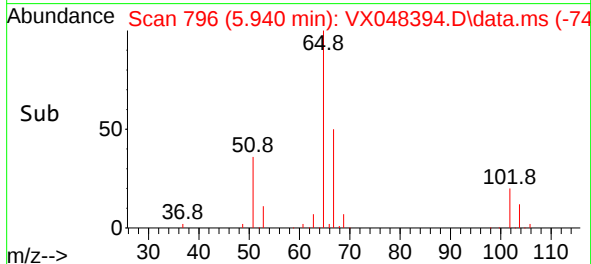
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBS01



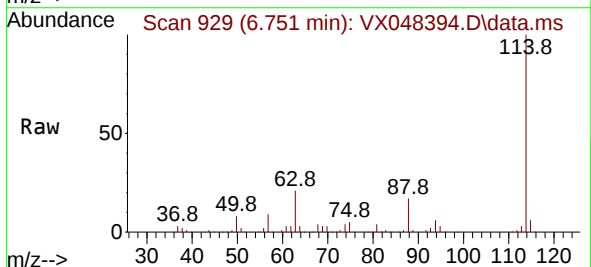
Tgt Ion: 65 Resp: 123059
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.0

Manual Integrations
 APPROVED

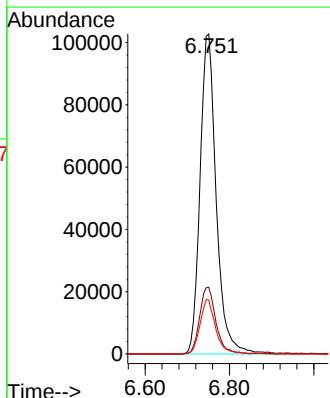
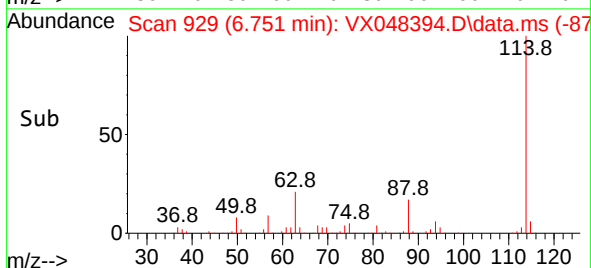
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

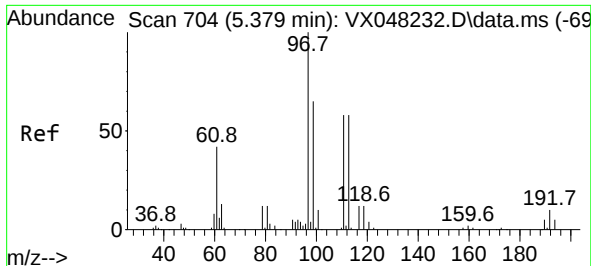


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15



Tgt Ion:114 Resp: 274194
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 16.8 0.0 33.6





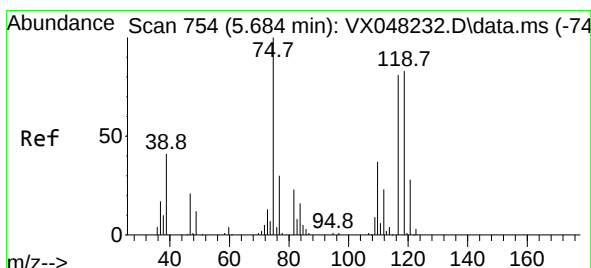
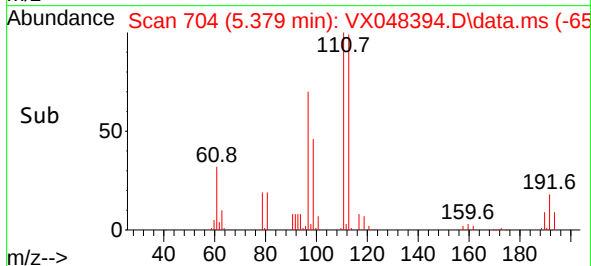
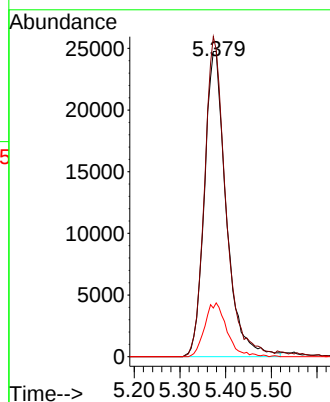
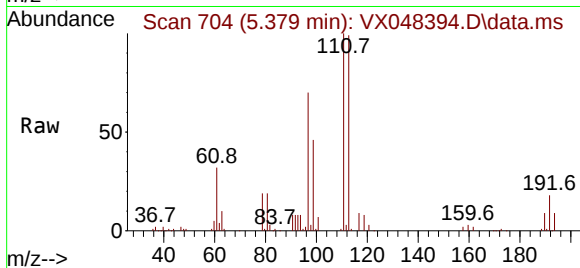
#35
Dibromofluoromethane
Concen: 43.817 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion:113 Resp: 8202
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 18.0 15.1 22.7

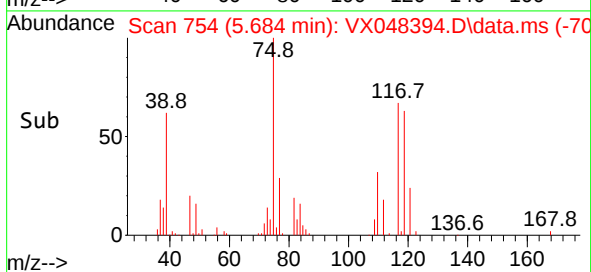
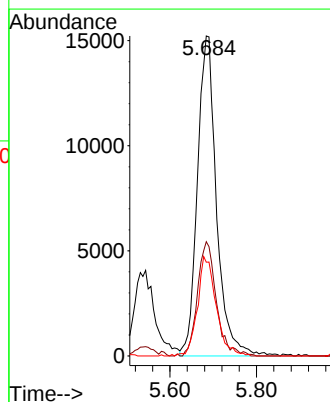
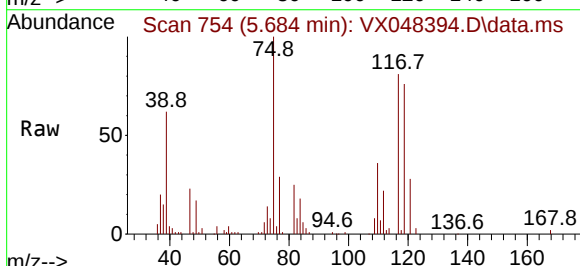
Manual Integrations
APPROVED

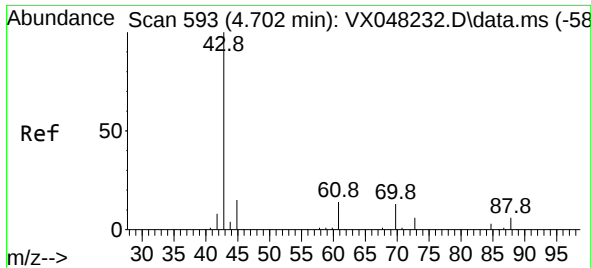
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#36
1,1-Dichloropropene
Concen: 17.545 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 75 Resp: 46681
Ion Ratio Lower Upper
75 100
110 35.1 17.7 53.1
77 30.4 24.3 36.5





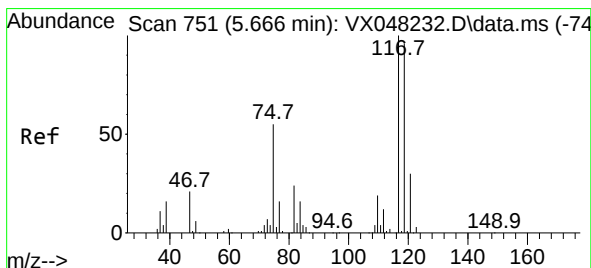
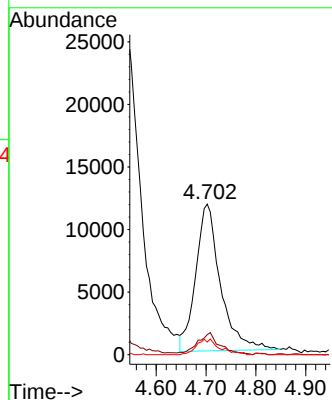
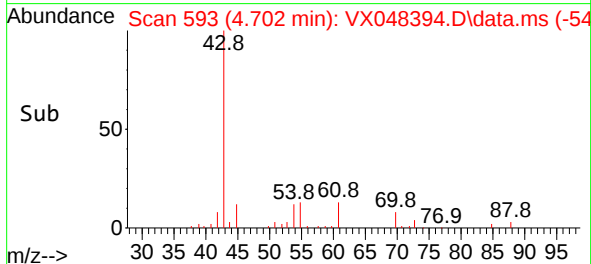
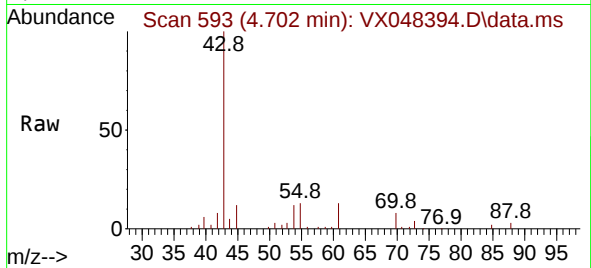
#37
Ethyl Acetate
Concen: 18.330 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 43 Resp: 40424
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 9.9 7.8 11.6

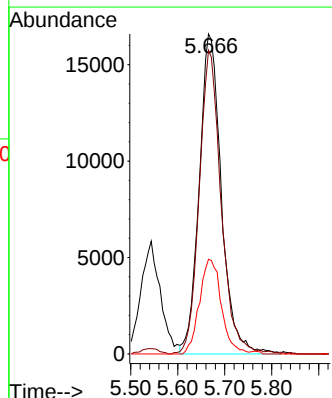
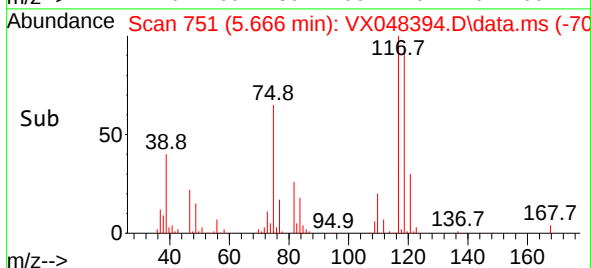
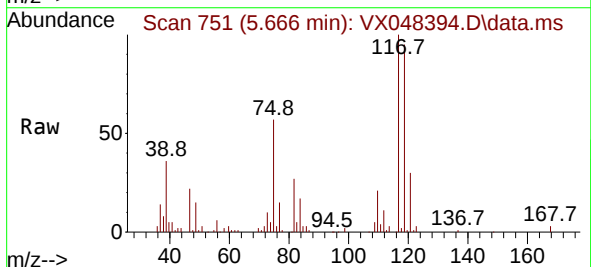
Manual Integrations
APPROVED

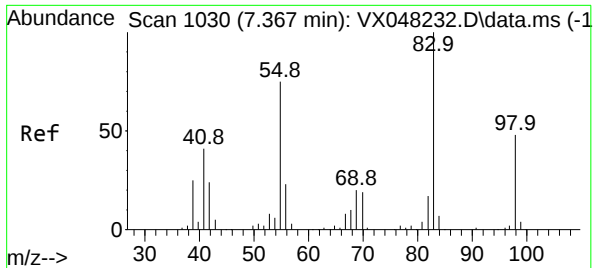
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#38
Carbon Tetrachloride
Concen: 16.513 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion:117 Resp: 54205
Ion Ratio Lower Upper
117 100
119 94.4 77.2 115.8
121 29.6 24.8 37.2





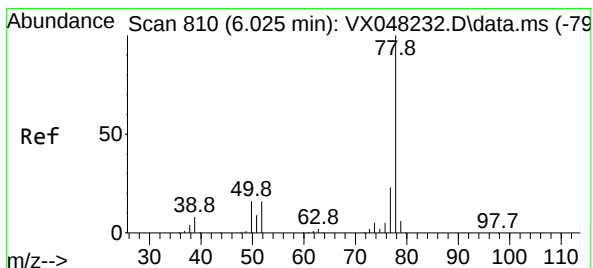
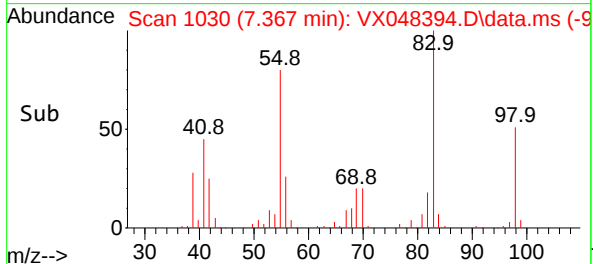
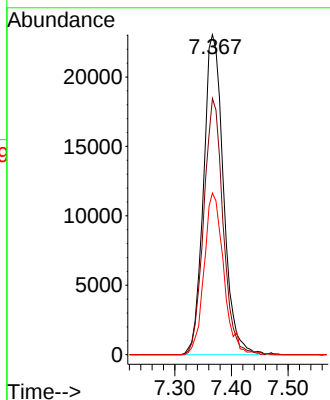
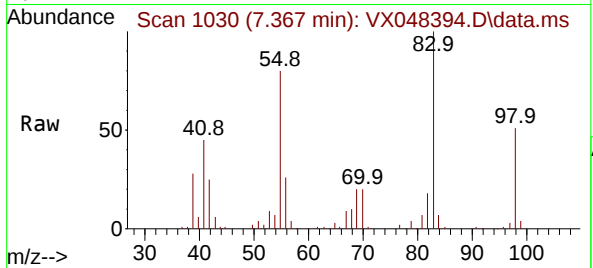
#39
Methylcyclohexane
Concen: 17.924 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 83 Resp: 56320
Ion Ratio Lower Upper
83 100
55 80.1 66.2 99.2
98 50.5 38.9 58.3

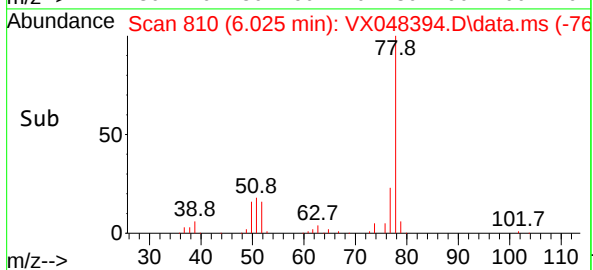
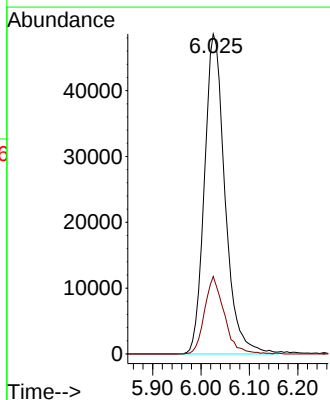
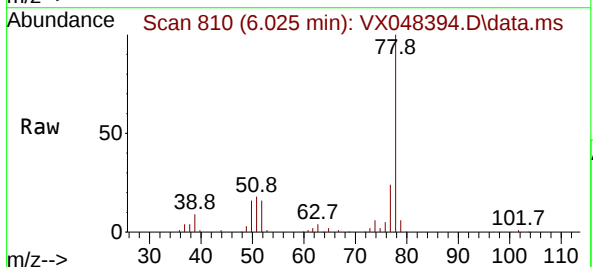
Manual Integrations
APPROVED

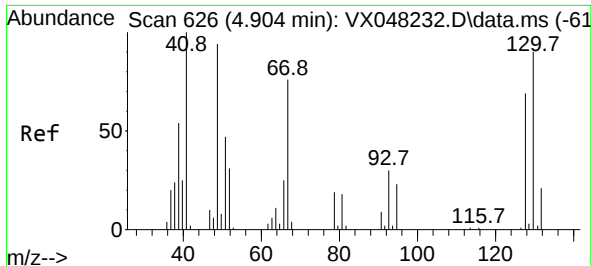
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#40
Benzene
Concen: 18.598 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

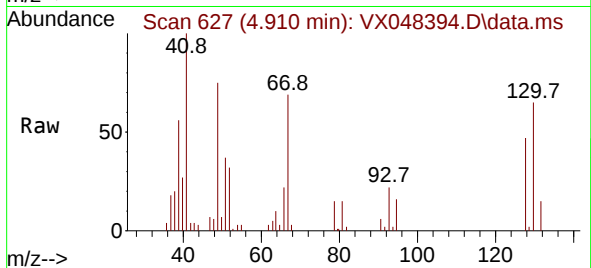
Tgt Ion: 78 Resp: 143663
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 18.113 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

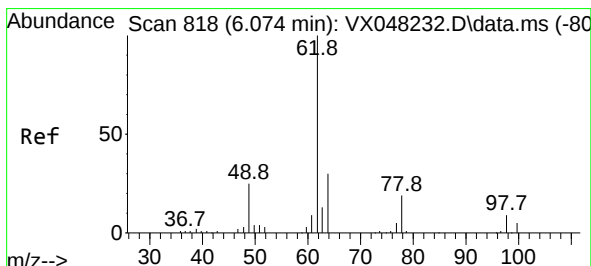
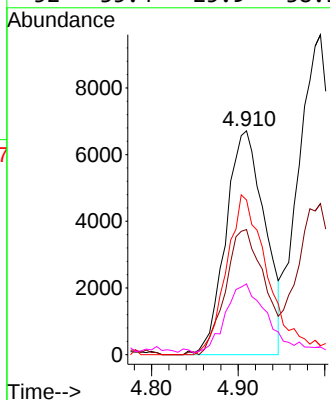
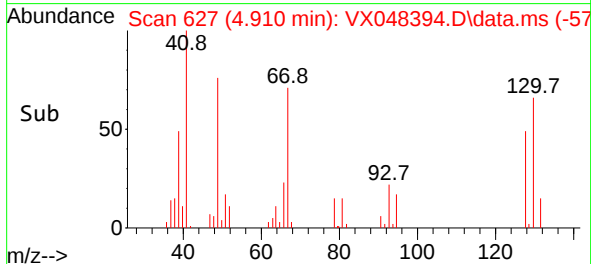
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



Tgt Ion: 41 Resp: 2097
Ion Ratio Lower Upper
41 100
39 55.6 44.0 66.0
67 78.0 58.7 88.1
52 35.4 25.9 38.9

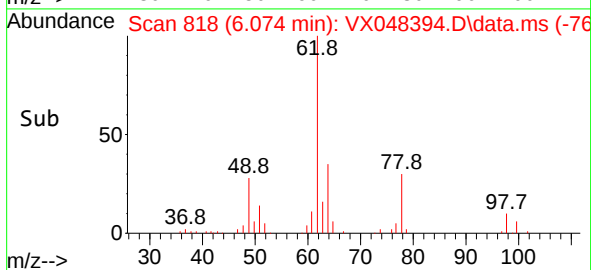
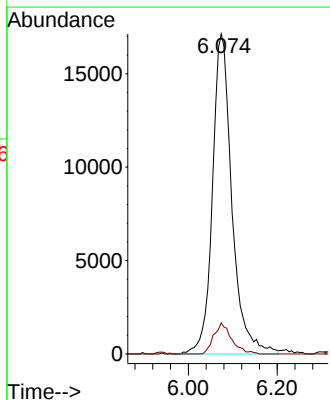
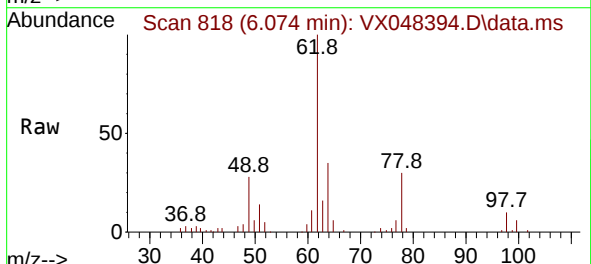
Manual Integrations
APPROVED

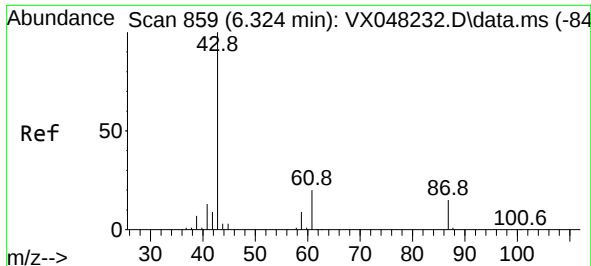
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#42
1,2-Dichloroethane
Concen: 18.245 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 62 Resp: 52007
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.2





#43

Isopropyl Acetate

Concen: 18.513 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028MBS01

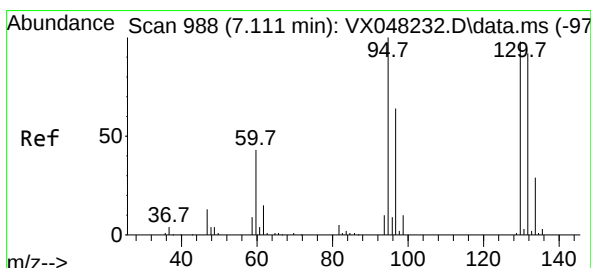
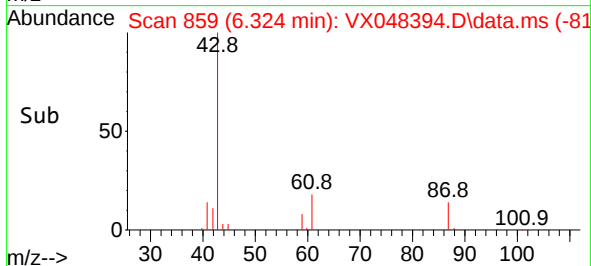
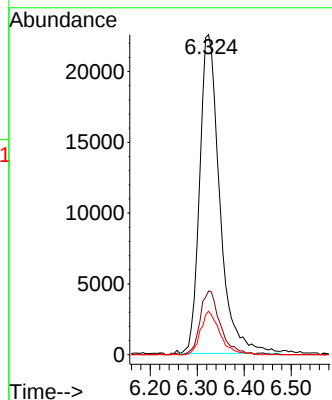
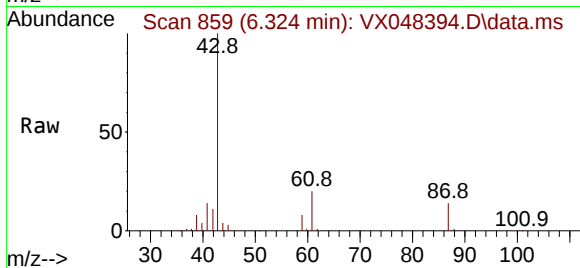
Tgt Ion:	43	Resp:	67062
Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.9	22.3
87	13.1	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#44

Trichloroethene

Concen: 17.902 ug/l

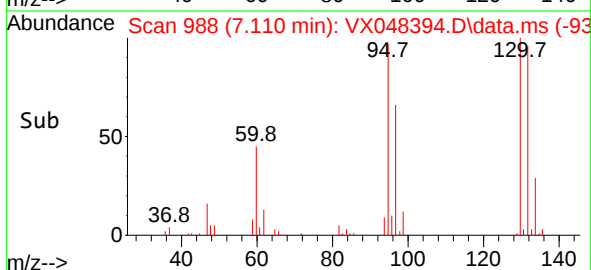
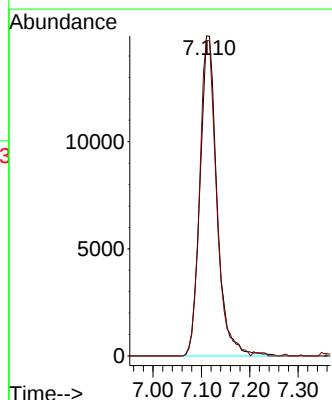
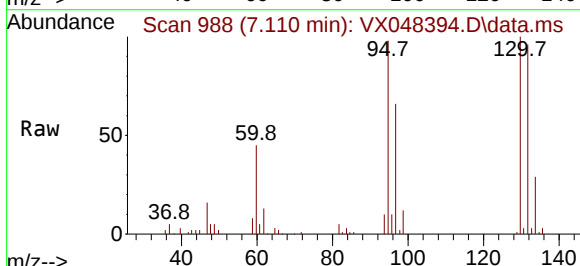
RT: 7.110 min Scan# 988

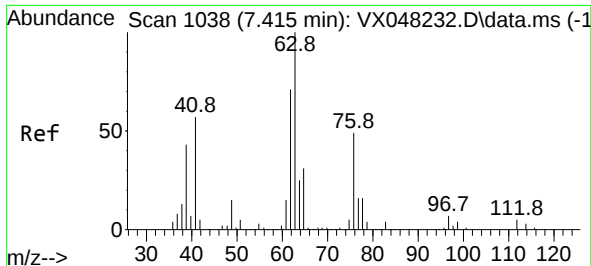
Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

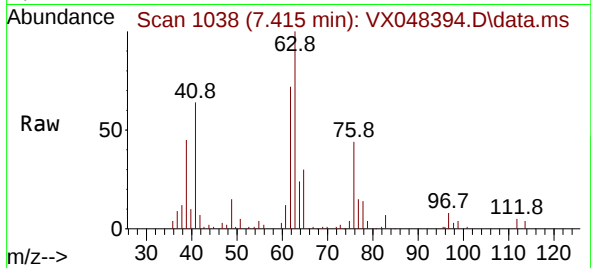
Tgt Ion:	130	Resp:	36514
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	200.6





#45
1,2-Dichloropropane
Concen: 19.793 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

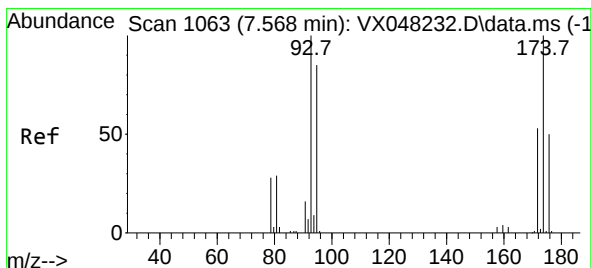
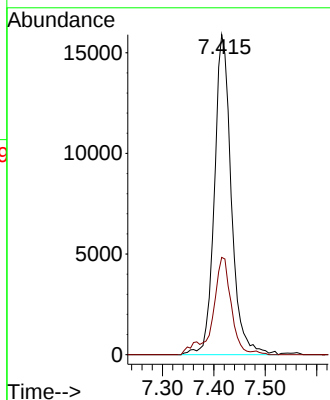
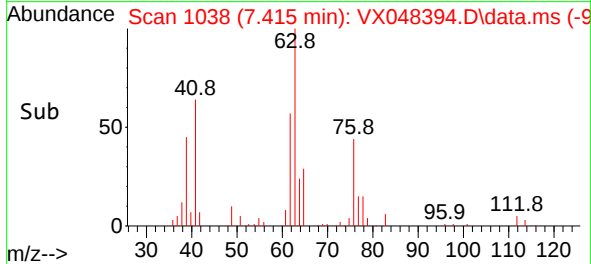
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



Tgt Ion: 63 Resp: 3635
Ion Ratio Lower Upper
63 100
65 30.4 24.1 36.1

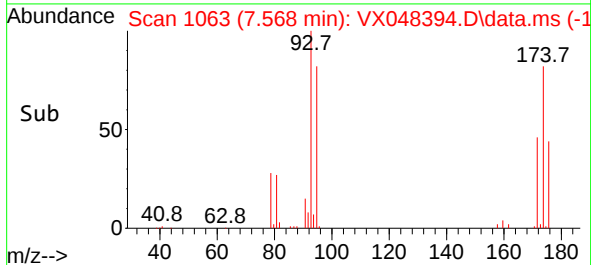
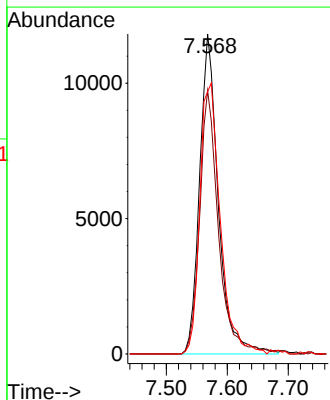
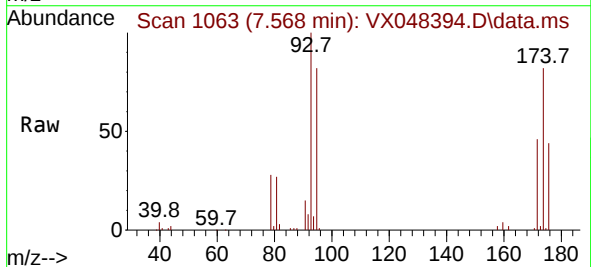
Manual Integrations
APPROVED

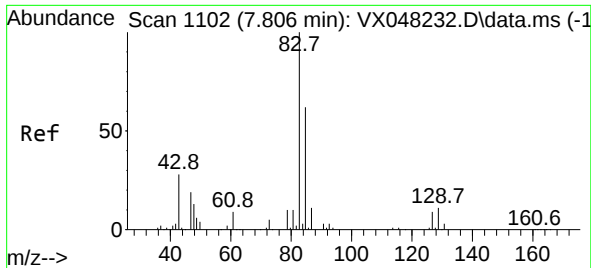
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#46
Dibromomethane
Concen: 17.684 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 93 Resp: 25303
Ion Ratio Lower Upper
93 100
95 82.5 65.9 98.9
174 92.4 71.7 107.5





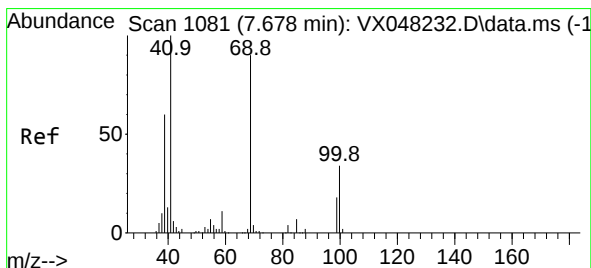
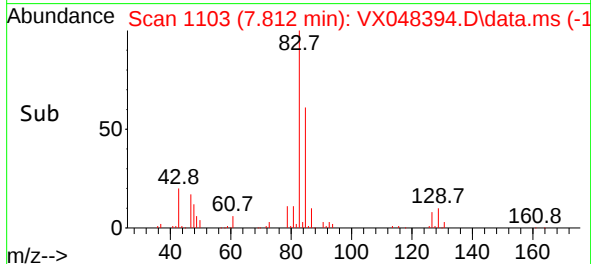
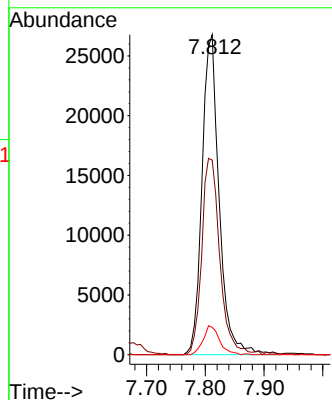
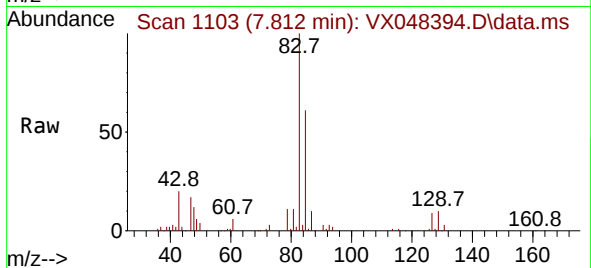
#47
Bromodichloromethane
Concen: 17.595 ug/l
RT: 7.812 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 83 Resp: 5435
Ion Ratio Lower Upper
83 100
85 60.8 52.2 78.4
127 8.5 7.3 10.9

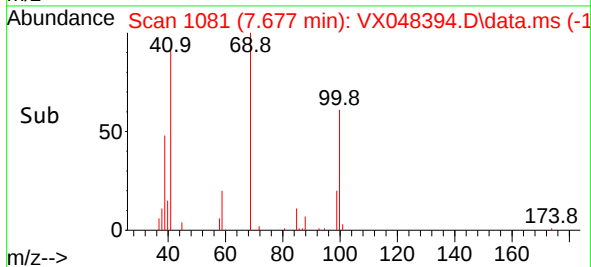
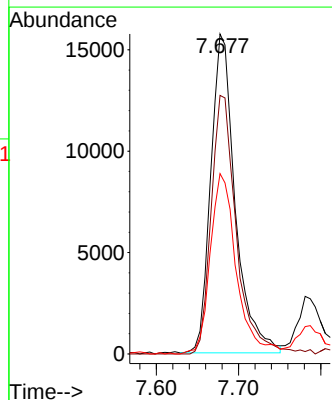
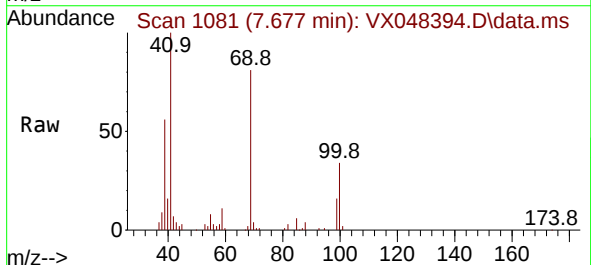
Manual Integrations
APPROVED

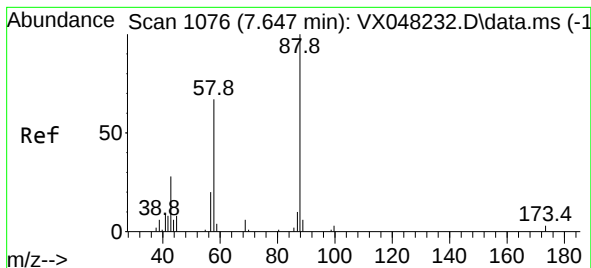
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#48
Methyl methacrylate
Concen: 17.810 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 41 Resp: 32555
Ion Ratio Lower Upper
41 100
69 83.0 63.4 95.0
39 60.0 47.1 70.7





#49

1,4-Dioxane

Concen: 319.225 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028MBS01

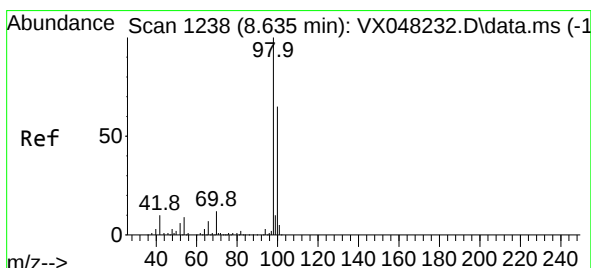
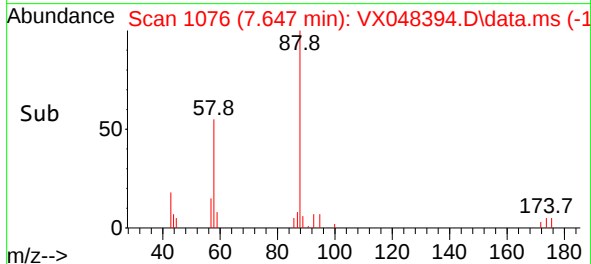
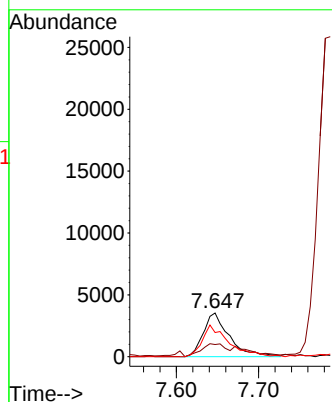
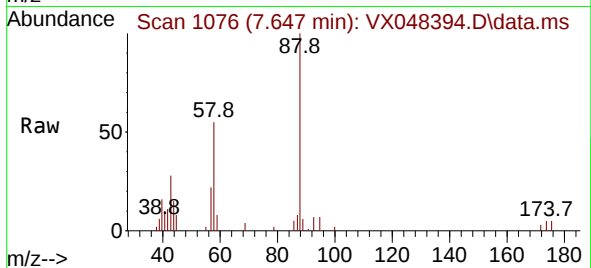
Tgt Ion: 88 Resp: 7709
 Ion Ratio Lower Upper
 88 100
 43 28.2 35.0 52.4
 58 73.4 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#50

Toluene-d8

Concen: 53.441 ug/l

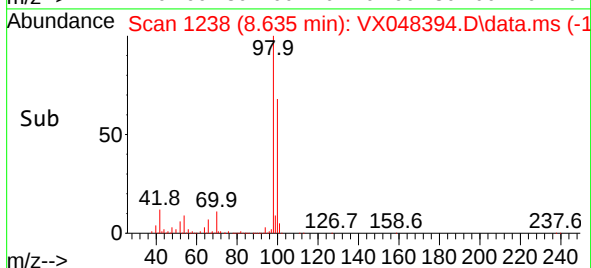
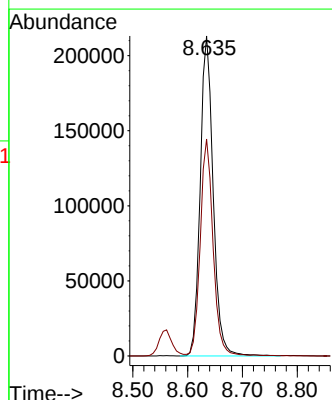
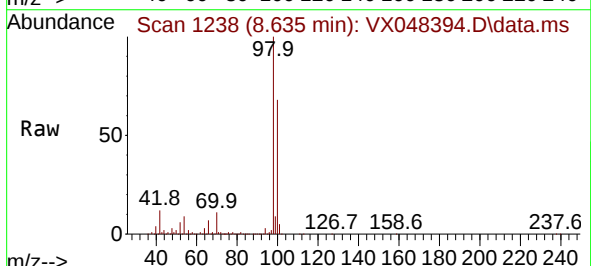
RT: 8.635 min Scan# 1238

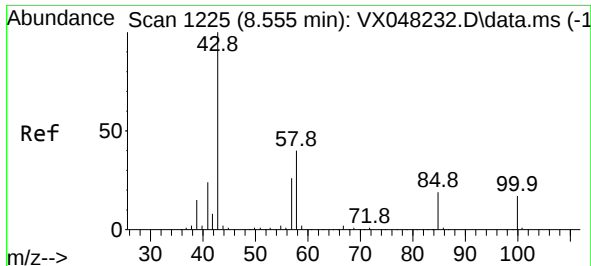
Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Tgt Ion: 98 Resp: 350639
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.0 79.4





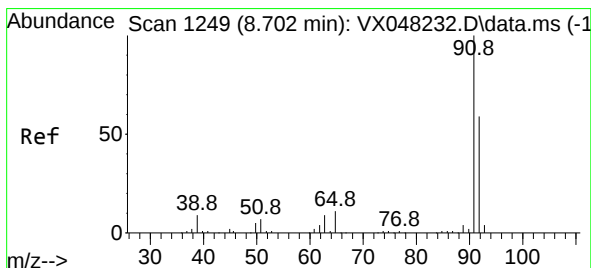
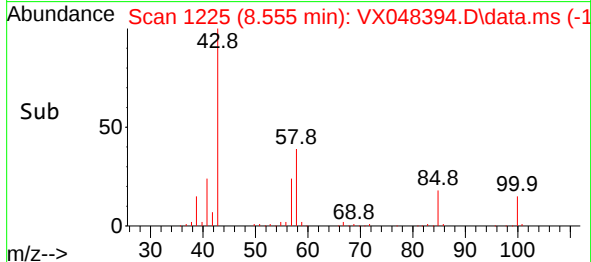
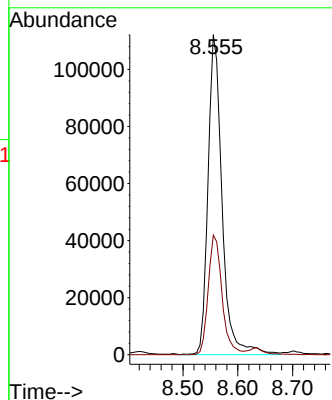
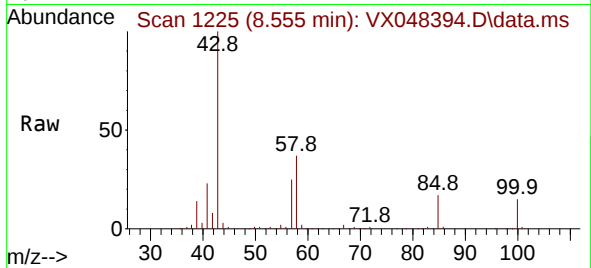
#51
4-Methyl-2-Pentanone
Concen: 95.382 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 43 Resp: 19921
Ion Ratio Lower Upper
43 100
58 36.8 29.5 44.3

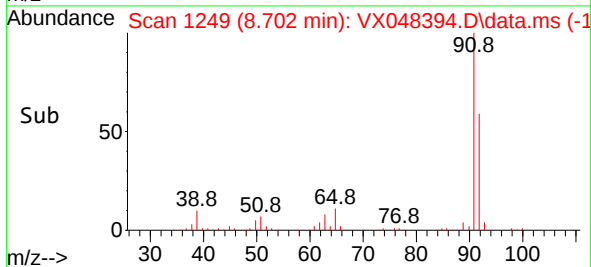
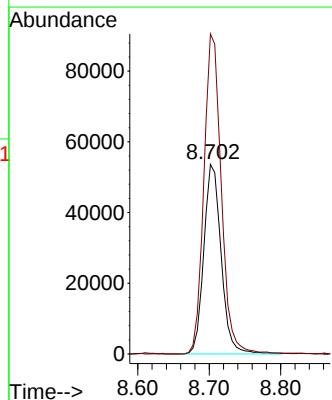
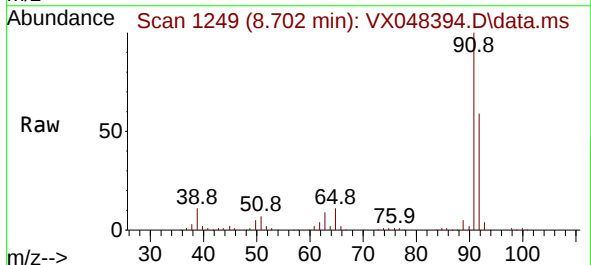
Manual Integrations
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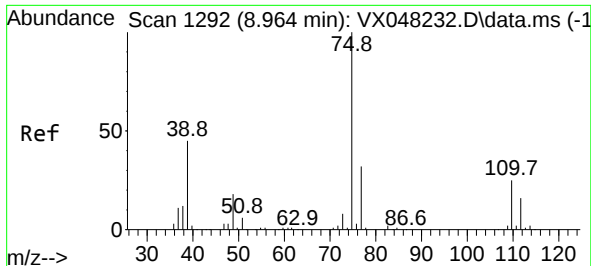
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#52
Toluene
Concen: 18.412 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 92 Resp: 90353
Ion Ratio Lower Upper
92 100
91 170.1 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 16.630 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028MBS01

Tgt Ion: 75 Resp: 49509

Ion Ratio Lower Upper

75 100

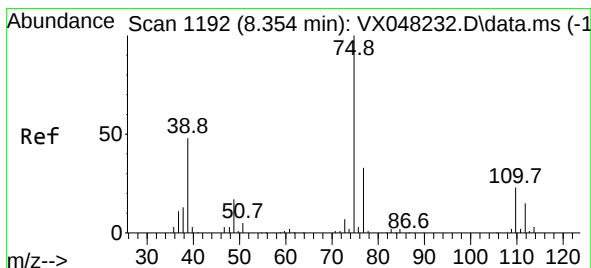
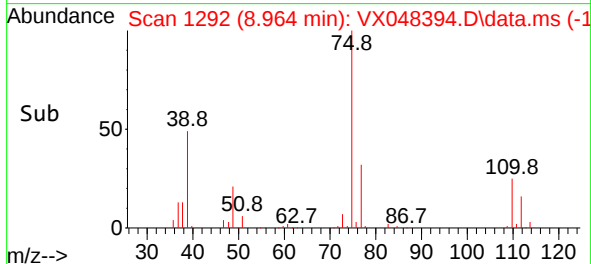
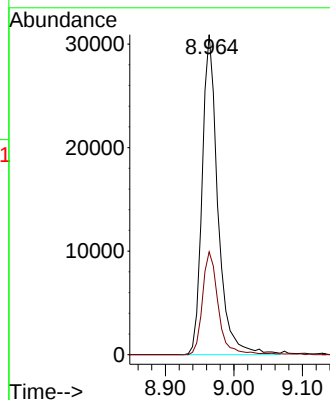
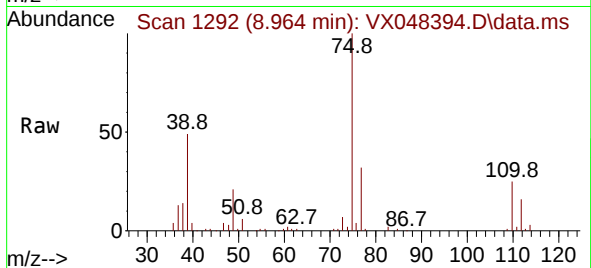
77 32.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#54

cis-1,3-Dichloropropene

Concen: 17.037 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

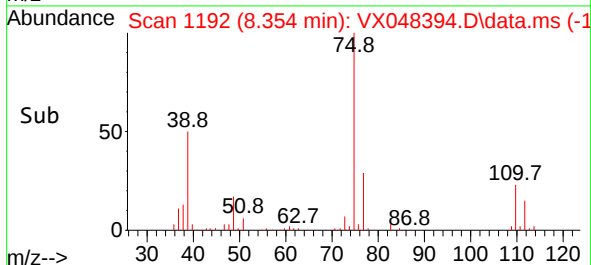
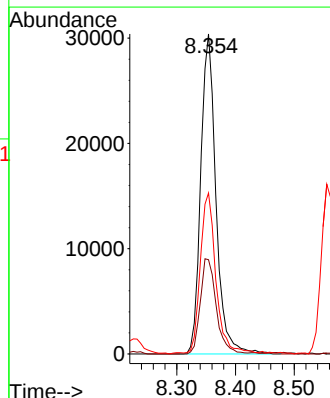
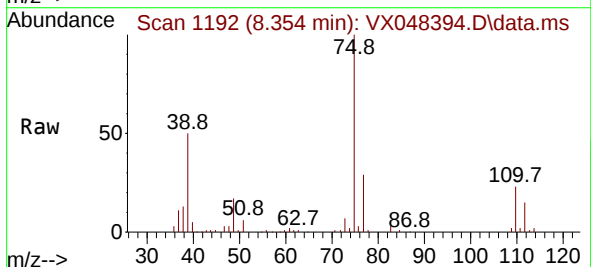
Tgt Ion: 75 Resp: 54722

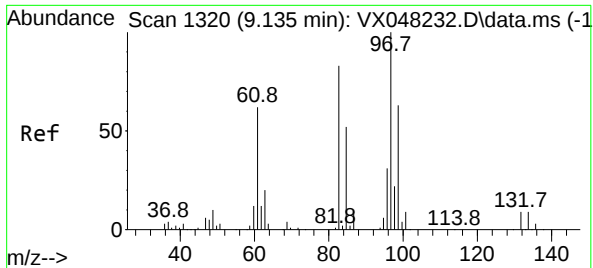
Ion Ratio Lower Upper

75 100

77 29.4 24.9 37.3

39 49.9 42.6 64.0





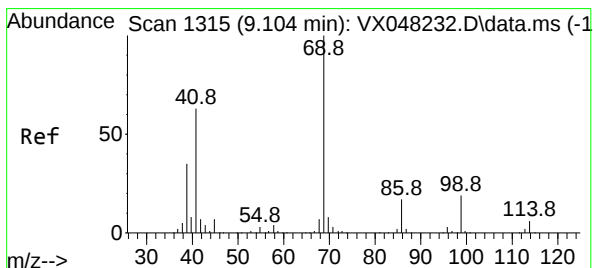
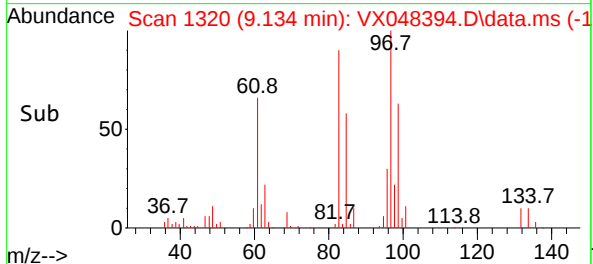
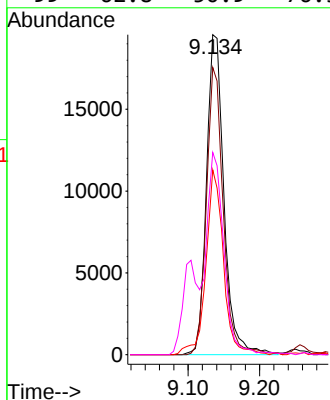
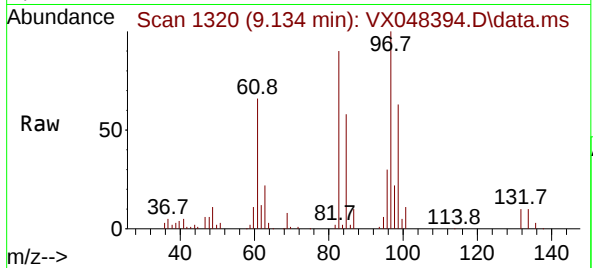
#55
 1,1,2-Trichloroethane
 Concen: 18.227 ug/l
 RT: 9.134 min Scan# 1320
 Delta R.T. -0.000 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBS01

Tgt Ion: 97	Resp: 33264
Ion Ratio	Lower Upper
97 100	
83 89.8	70.6 105.8
85 57.4	45.0 67.6
99 62.8	50.9 76.3

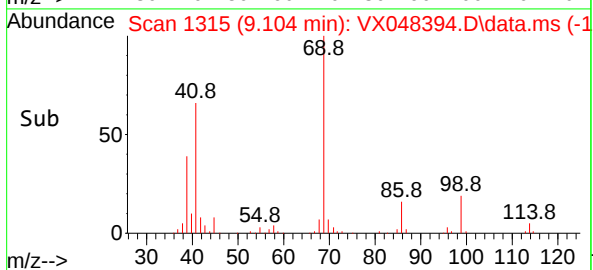
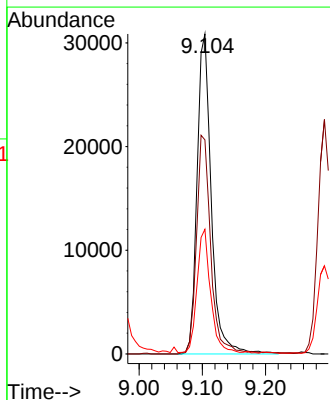
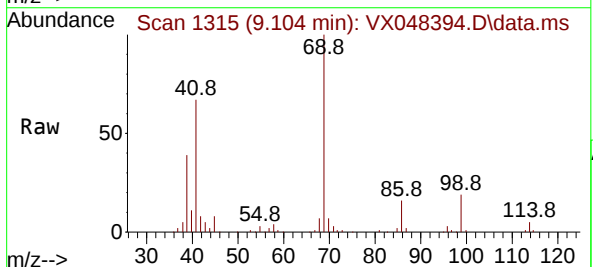
Manual Integrations
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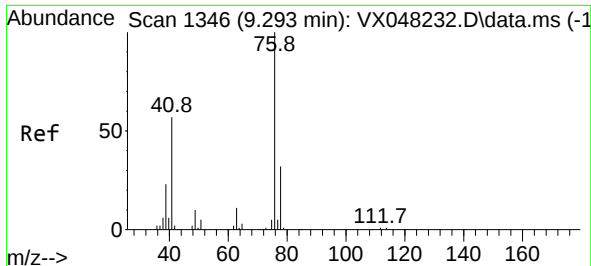
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#56
 Ethyl methacrylate
 Concen: 18.110 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. 0.006 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

Tgt Ion: 69	Resp: 48339
Ion Ratio	Lower Upper
69 100	
41 69.4	56.0 84.0
39 36.2	31.6 47.4





#57

1,3-Dichloropropane

Concen: 18.410 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028MBS01

Tgt Ion: 76 Resp: 5738

Ion Ratio Lower Upper

76 100

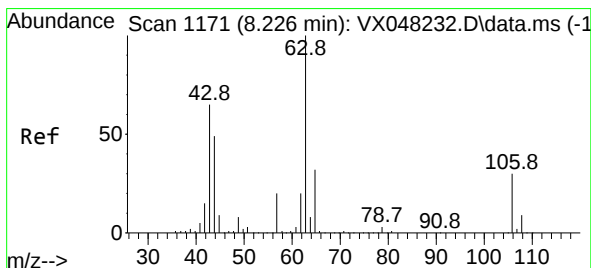
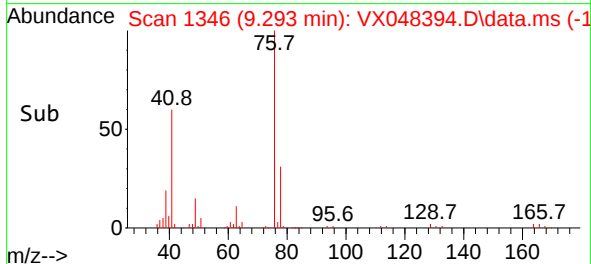
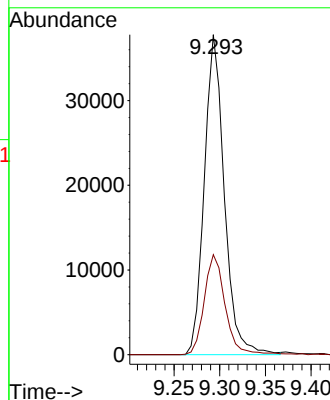
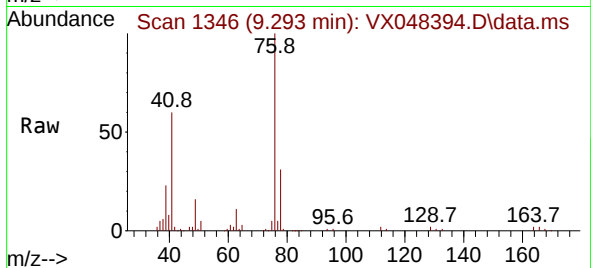
78 32.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 85.654 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048394.D

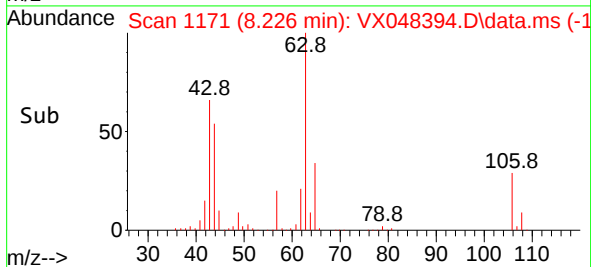
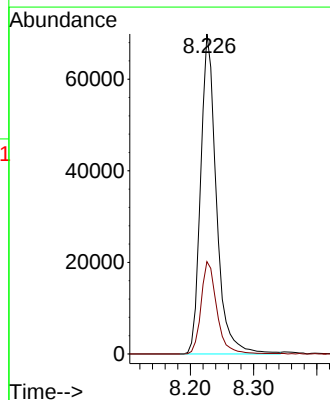
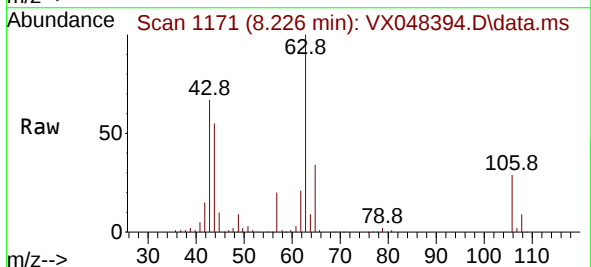
Acq: 28 Oct 2025 13:15

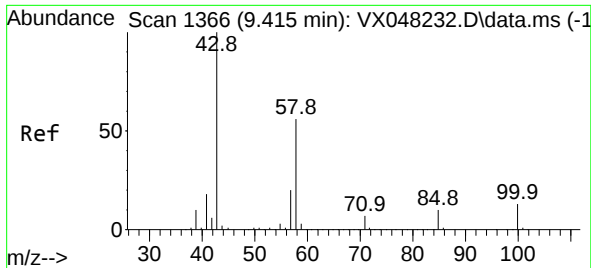
Tgt Ion: 63 Resp: 121324

Ion Ratio Lower Upper

63 100

106 28.8 22.2 33.2





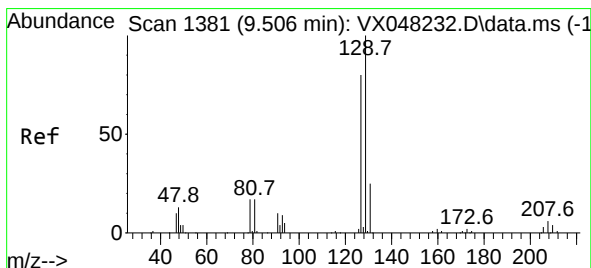
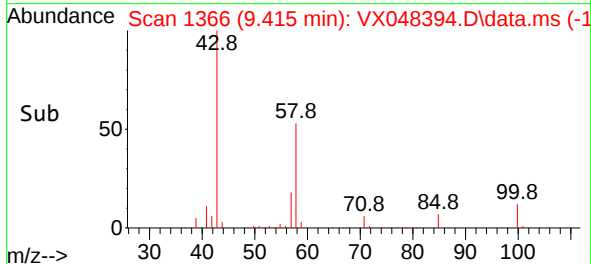
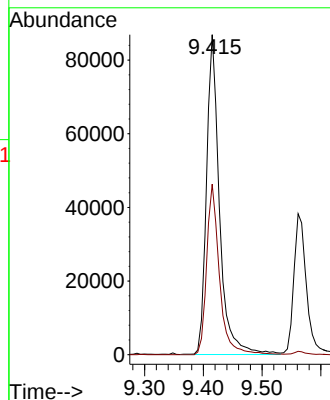
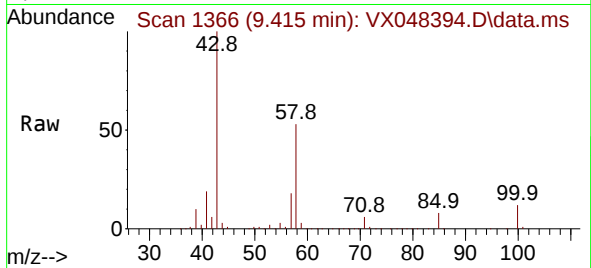
#59
2-Hexanone
Concen: 91.479 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 43 Resp: 133225
Ion Ratio Lower Upper
43 100
58 52.8 26.3 78.8

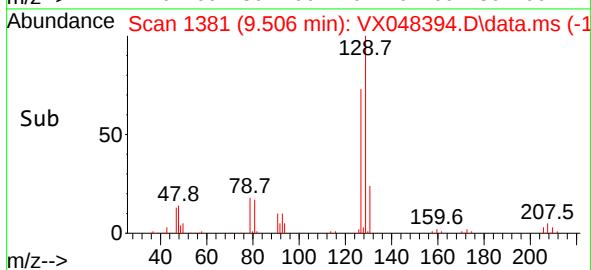
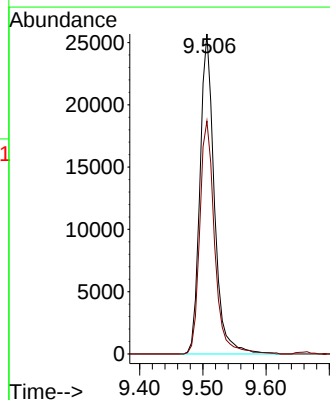
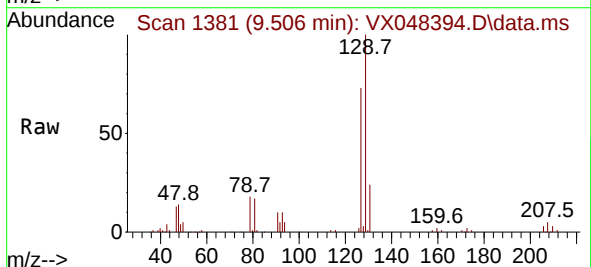
Manual Integrations
APPROVED

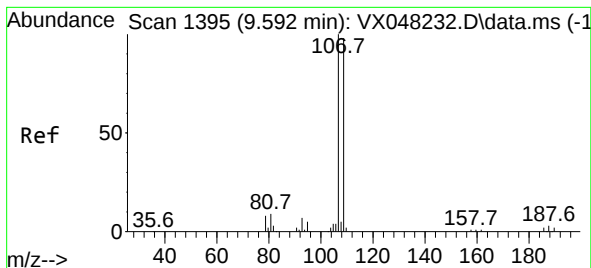
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#60
Dibromochloromethane
Concen: 16.602 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

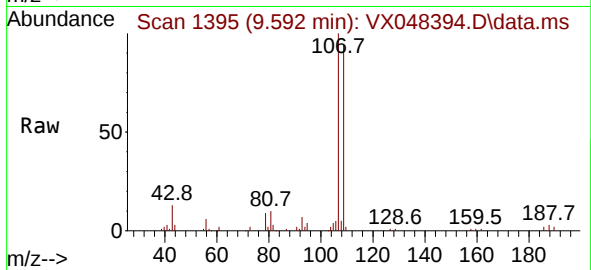
Tgt Ion:129 Resp: 40722
Ion Ratio Lower Upper
129 100
127 75.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 17.685 ug/l
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

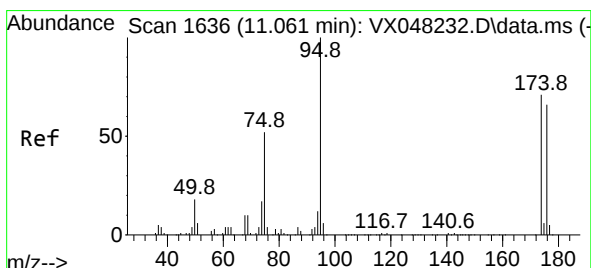
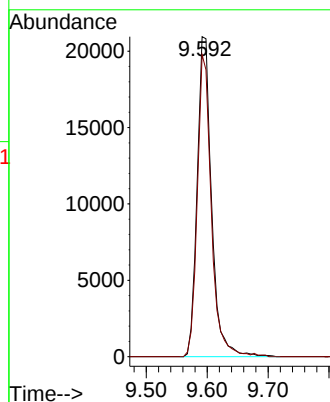
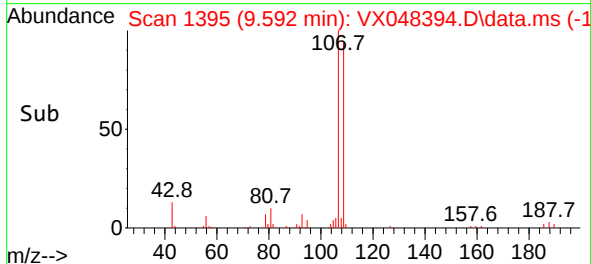
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



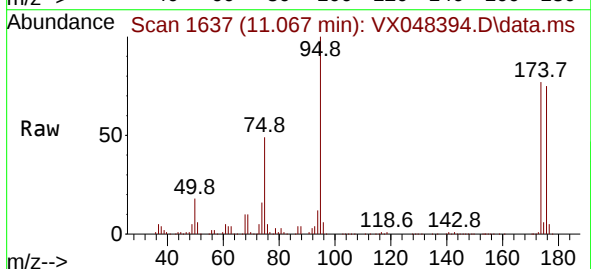
Tgt Ion:107 Resp: 34400
Ion Ratio Lower Upper
107 100
109 91.8 77.0 115.4

Manual Integrations
APPROVED

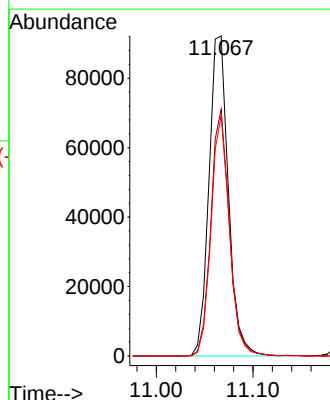
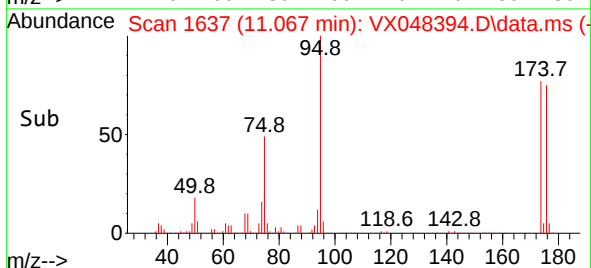
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

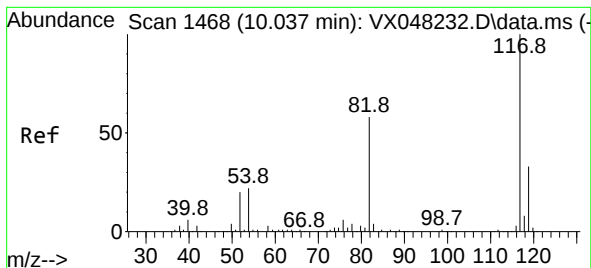


#62
4-Bromofluorobenzene
Concen: 51.566 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15



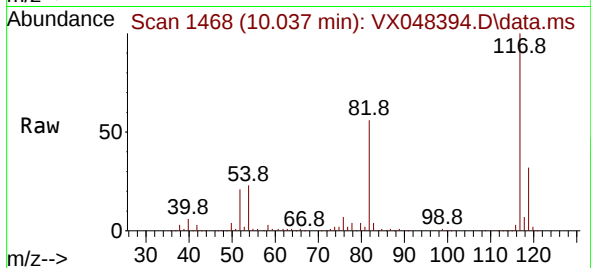
Tgt Ion: 95 Resp: 128713
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.8
176 70.7 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

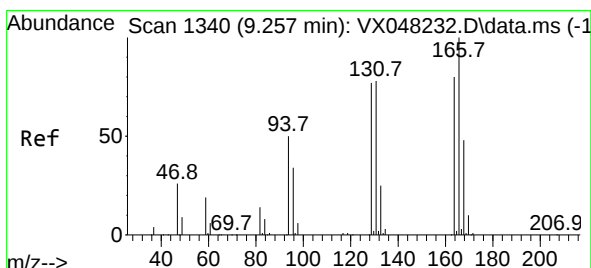
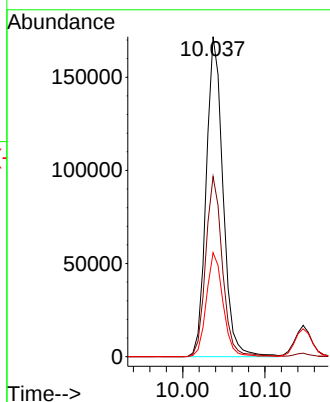
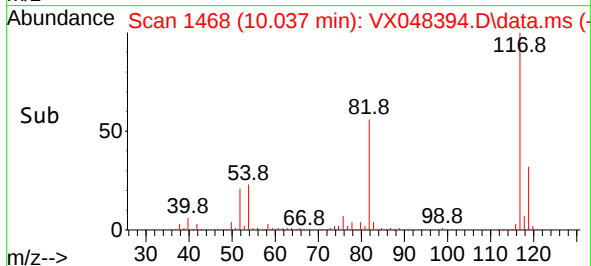
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



Tgt Ion:117 Resp: 243780
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 32.5 25.9 38.9

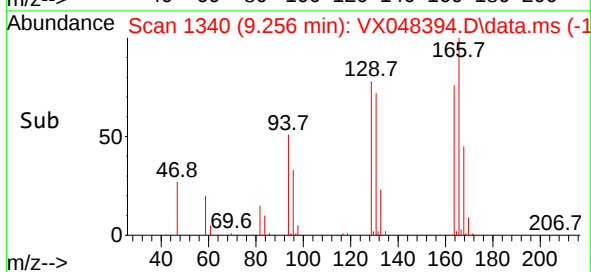
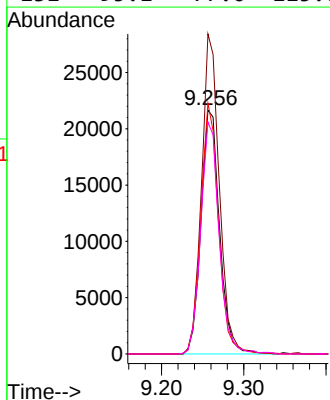
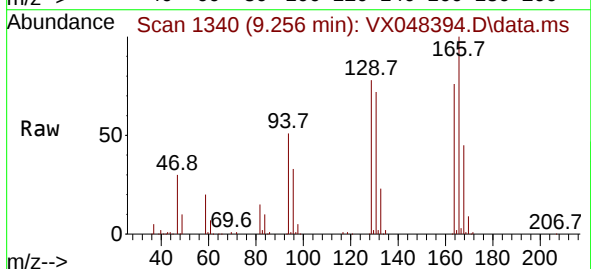
Manual Integrations
APPROVED

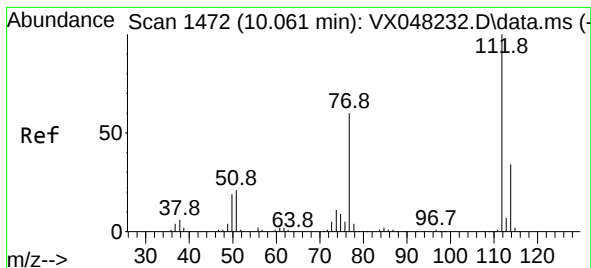
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#64
Tetrachloroethene
Concen: 18.657 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion:164 Resp: 33955
Ion Ratio Lower Upper
164 100
166 131.3 104.5 156.7
129 102.8 81.8 122.6
131 95.1 77.0 115.6





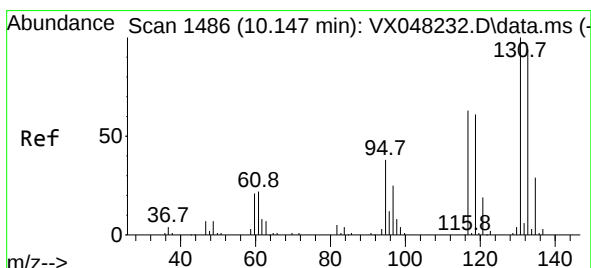
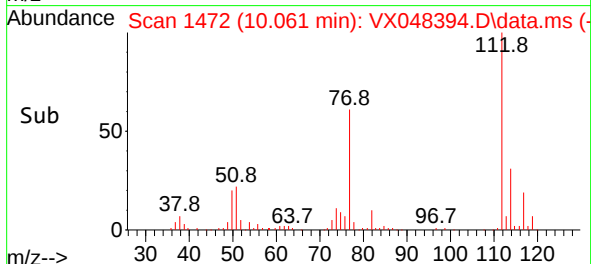
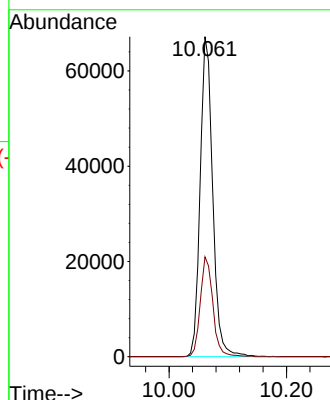
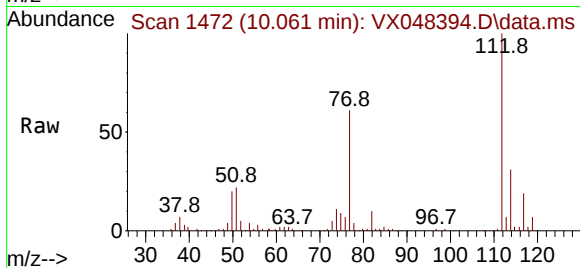
#65
Chlorobenzene
Concen: 18.144 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion:112 Resp: 9950
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2

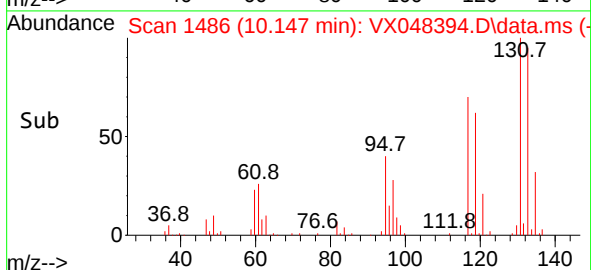
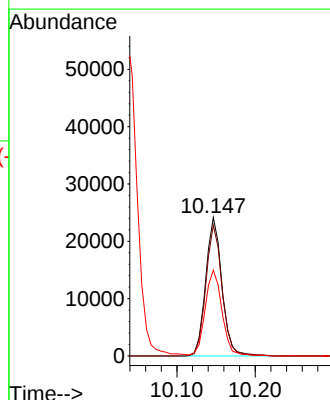
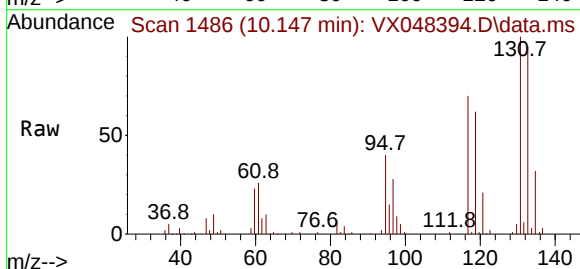
Manual Integrations
APPROVED

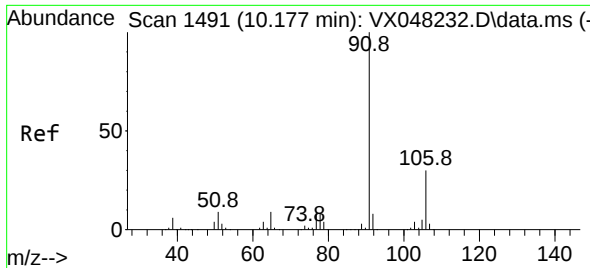
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.208 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

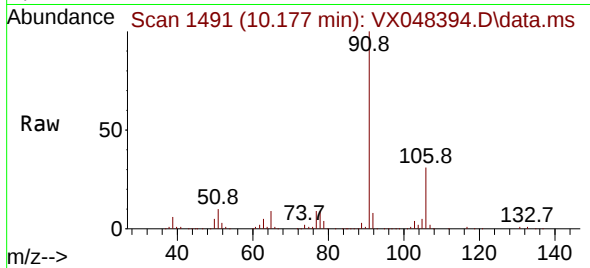
Tgt Ion:131 Resp: 34662
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.8
119 64.2 32.5 97.5





#67
Ethyl Benzene
Concen: 17.829 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

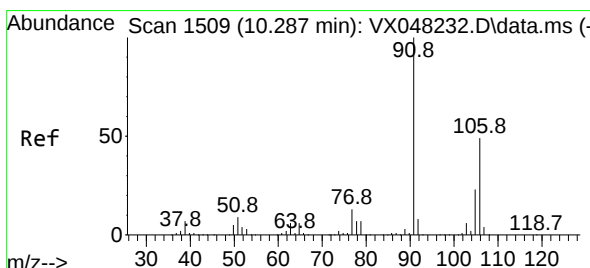
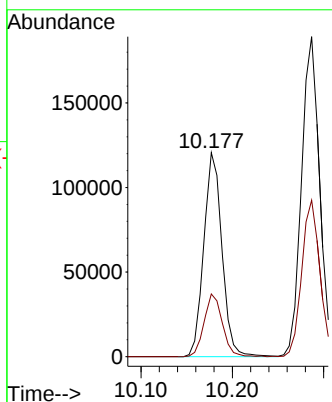
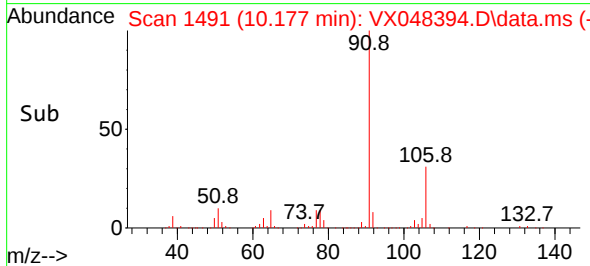
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



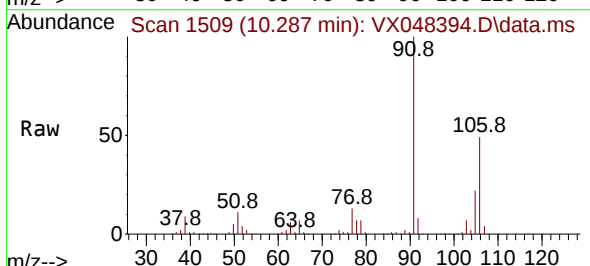
Tgt Ion: 91 Resp: 16647
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6

Manual Integrations
APPROVED

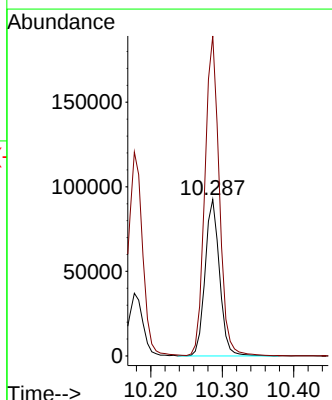
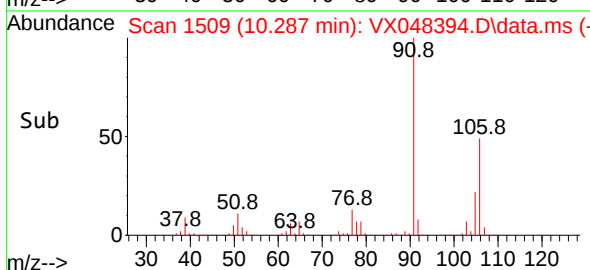
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

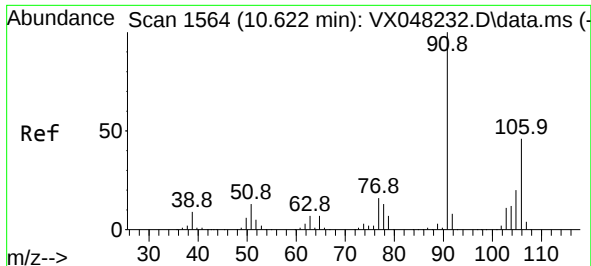


#68
m/p-Xylenes
Concen: 37.435 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15



Tgt Ion:106 Resp: 129867
Ion Ratio Lower Upper
106 100
91 204.1 167.9 251.9





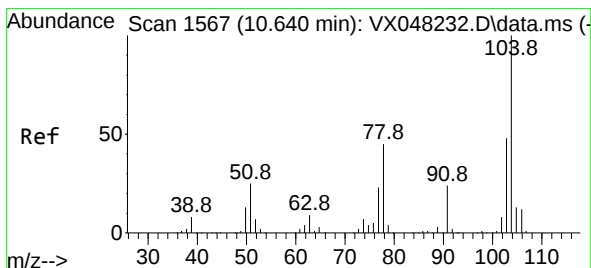
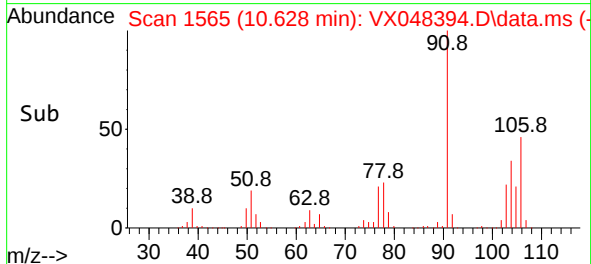
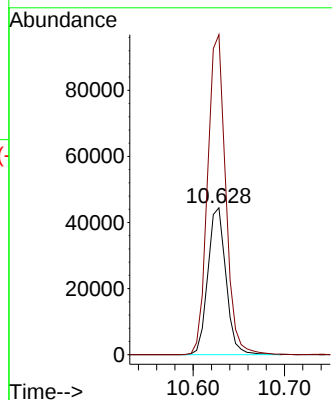
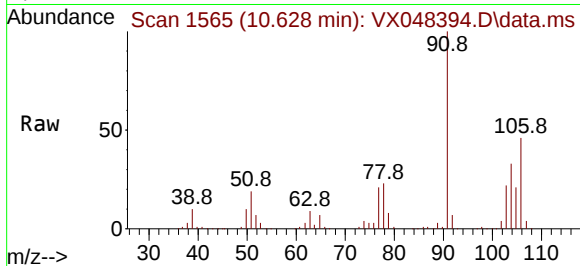
#69
o-Xylene
Concen: 18.288 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion:106 Resp: 6125
Ion Ratio Lower Upper
106 100
91 217.3 111.3 333.9

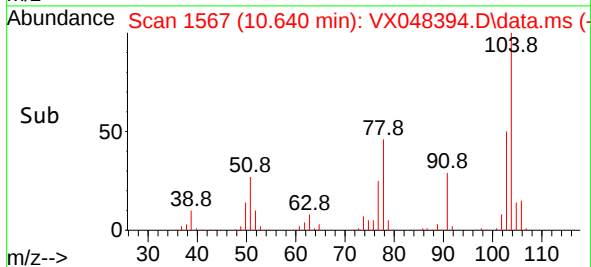
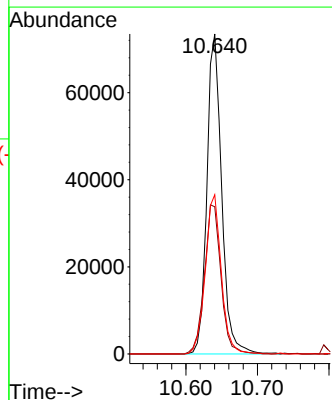
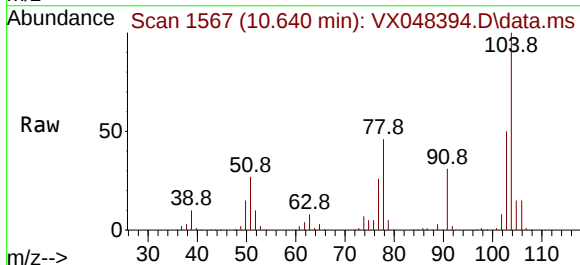
Manual Integrations
APPROVED

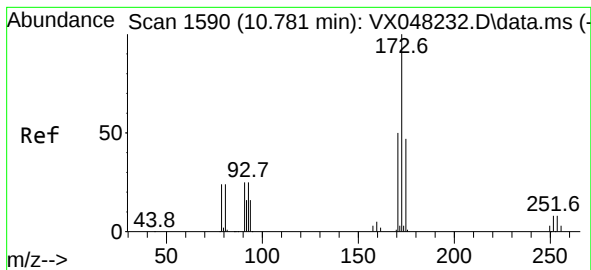
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#70
Styrene
Concen: 18.480 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

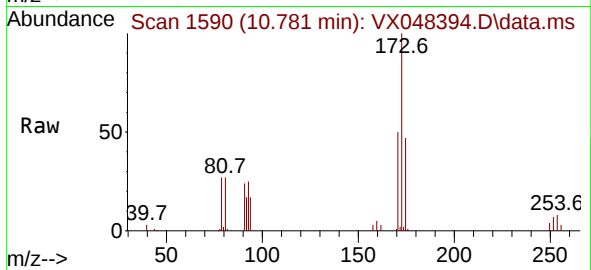
Tgt Ion:104 Resp: 105390
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 53.8 43.0 64.4





#71
Bromoform
Concen: 15.622 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

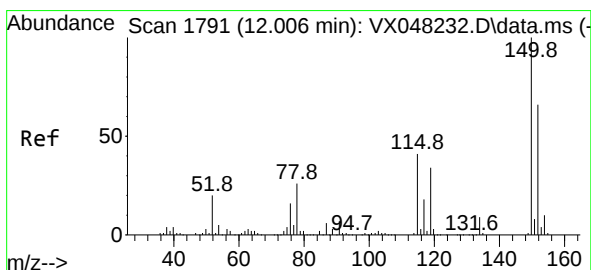
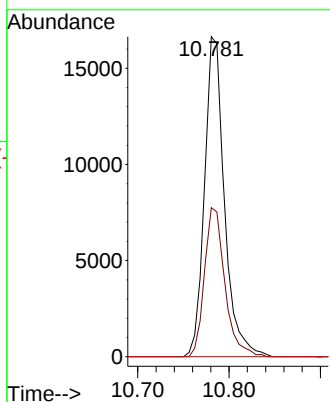
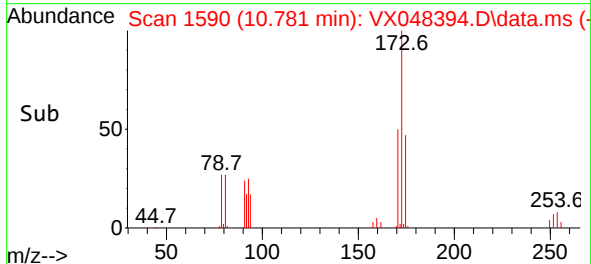
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



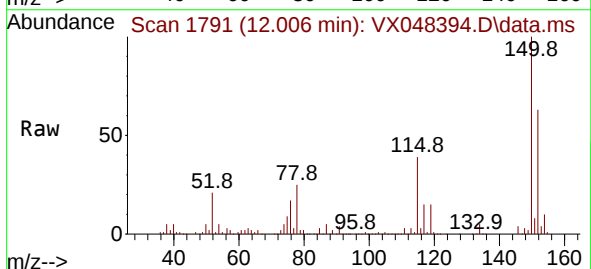
Tgt Ion:173 Resp: 25149
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

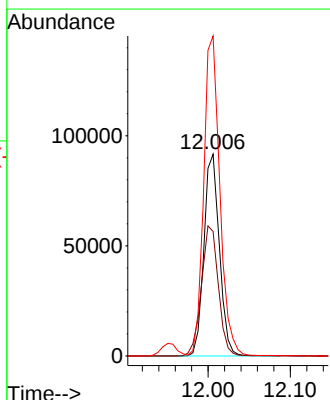
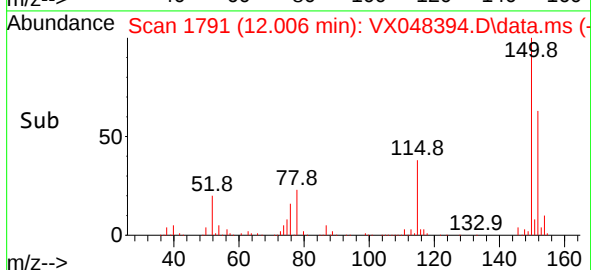
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

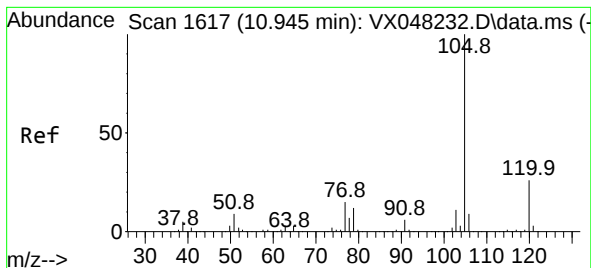


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15



Tgt Ion:152 Resp: 119588
Ion Ratio Lower Upper
152 100
115 70.6 43.1 129.4
150 165.9 0.0 353.0





#73

Isopropylbenzene

Concen: 18.511 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028MBS01

Tgt Ion:105 Resp: 16168

Ion Ratio Lower Upper

105 100

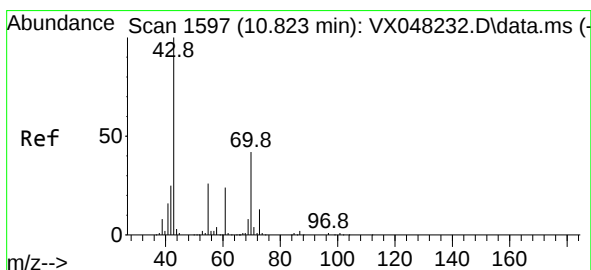
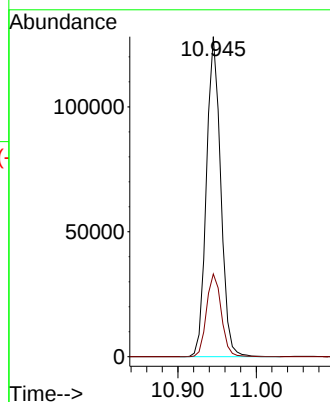
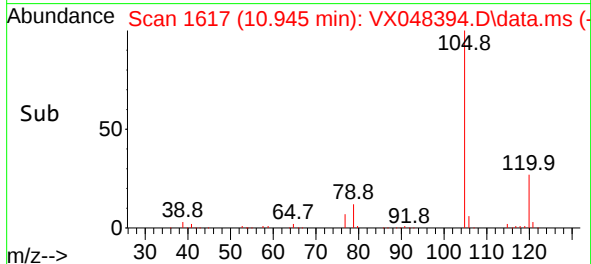
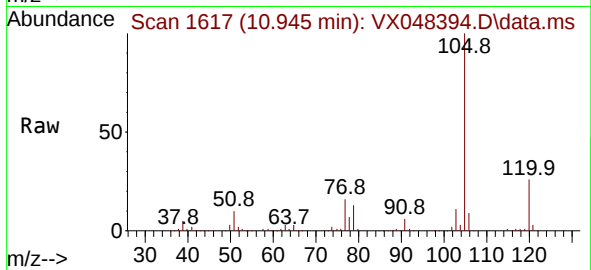
120 26.7 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#74

N-ethyl acetate

Concen: 18.951 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Tgt Ion: 43 Resp: 58715

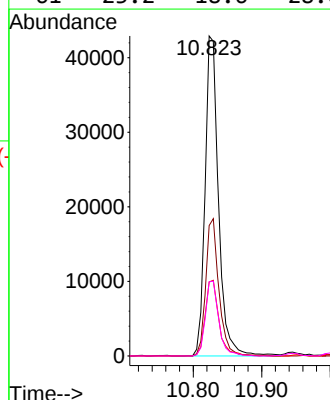
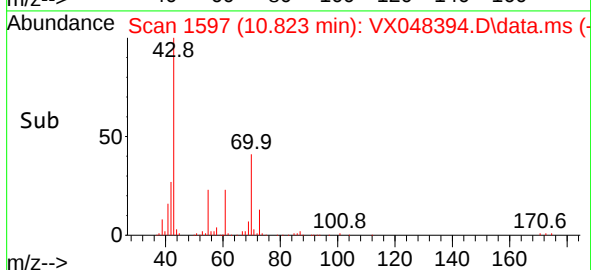
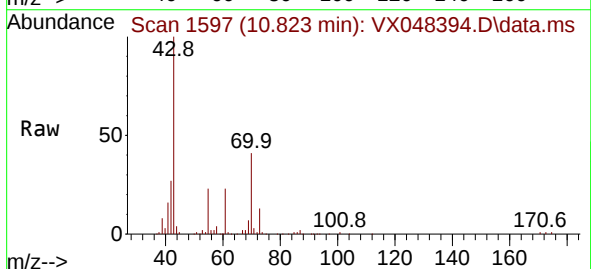
Ion Ratio Lower Upper

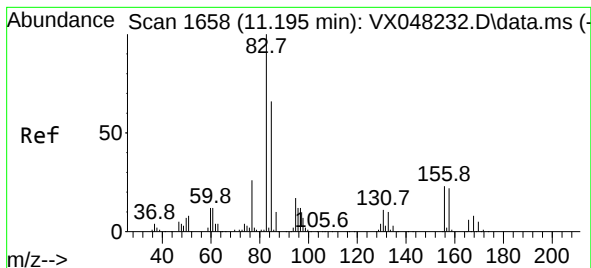
43 100

70 41.9 32.2 48.2

55 24.2 19.1 28.7

61 23.2 18.6 28.0





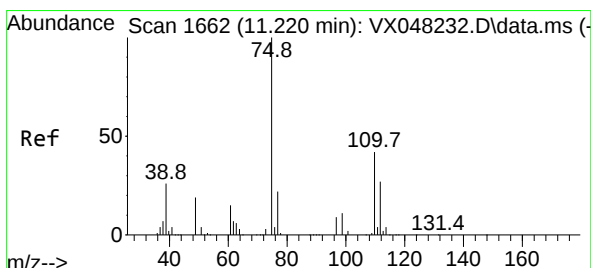
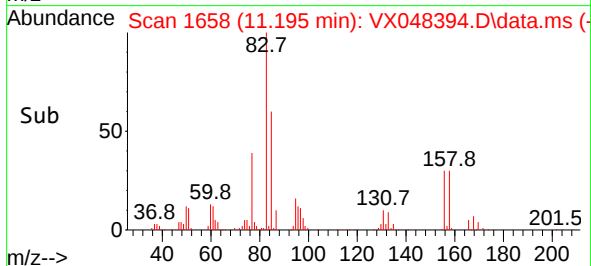
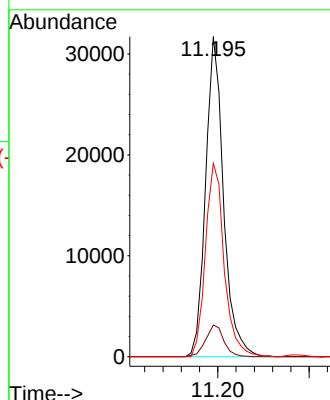
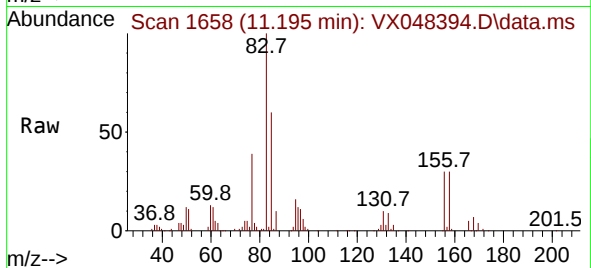
#75
1,1,2,2-Tetrachloroethane
Concen: 18.072 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 83 Resp: 43108
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 62.9 31.9 95.7

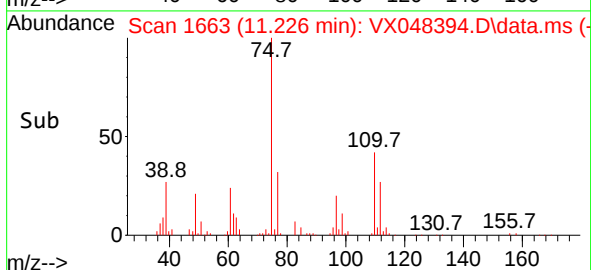
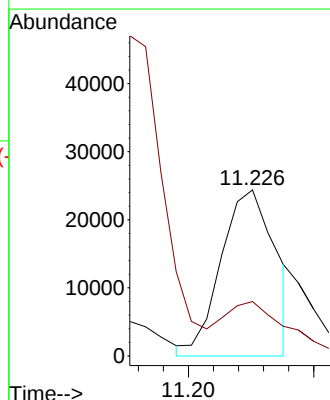
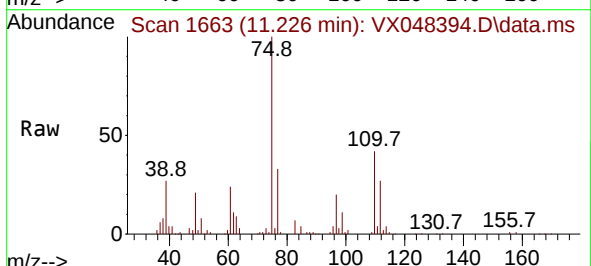
Manual Integrations
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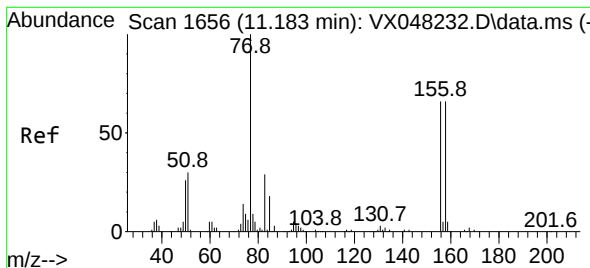
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#76
1,2,3-Trichloropropane
Concen: 18.984 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Tgt Ion: 75 Resp: 36815
Ion Ratio Lower Upper
75 100
77 38.7 22.4 67.2





#77

Bromobenzene

Concen: 17.531 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028MBS01

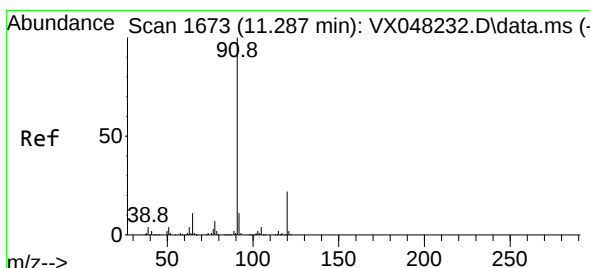
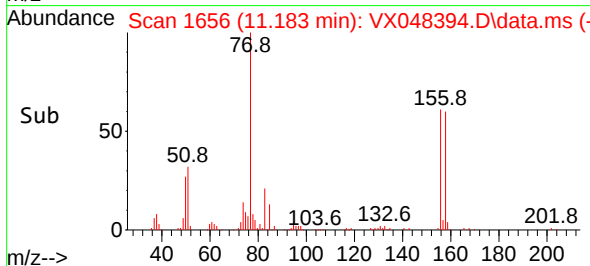
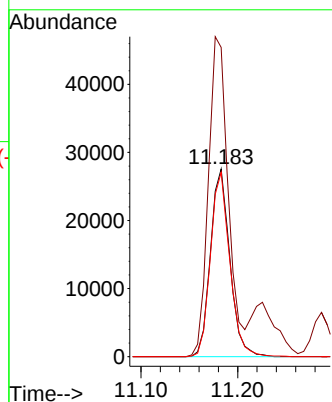
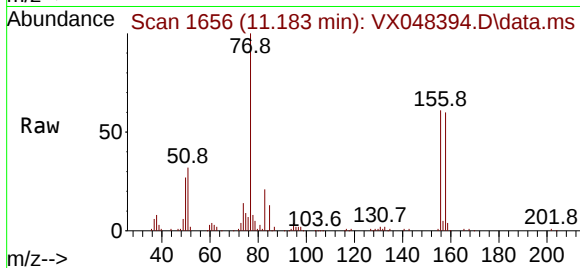
Tgt Ion:	156	Resp:	3839
Ion Ratio	Lower	Upper	
156	100		
77	174.0	87.0	261.0
158	97.9	47.8	143.4

Manual Integrations

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Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#78

n-propylbenzene

Concen: 18.711 ug/l

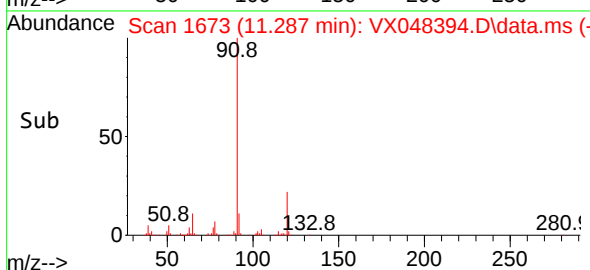
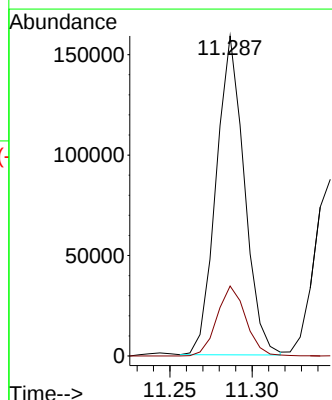
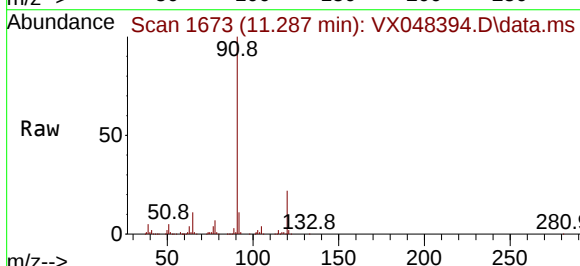
RT: 11.287 min Scan# 1673

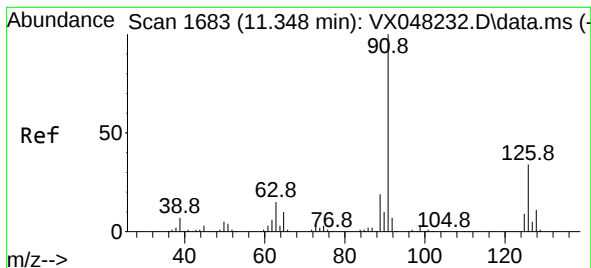
Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Tgt Ion:	91	Resp:	189227
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





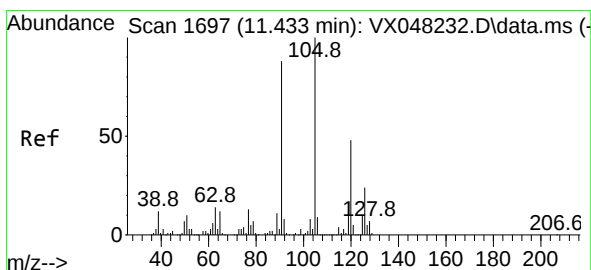
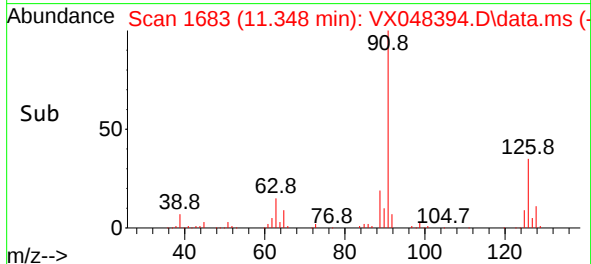
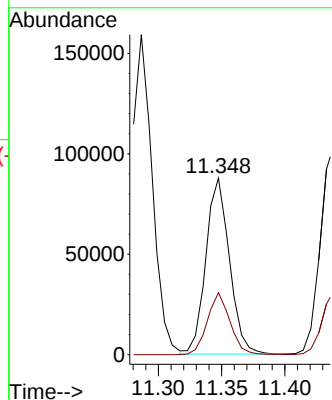
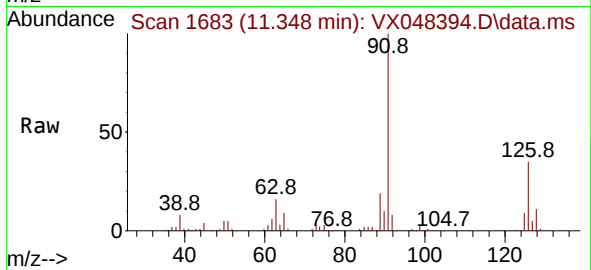
#79
2-Chlorotoluene
Concen: 18.522 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion: 91 Resp: 113569
Ion Ratio Lower Upper
91 100
126 33.9 16.4 49.4

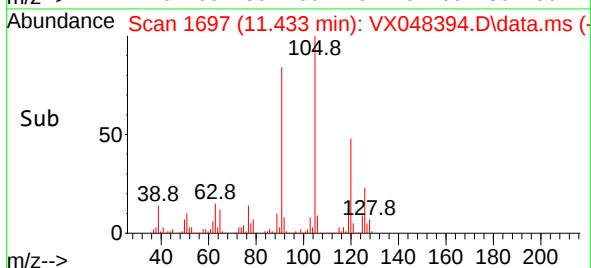
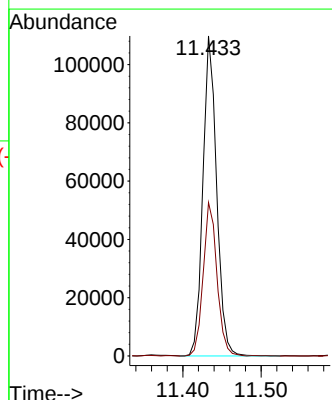
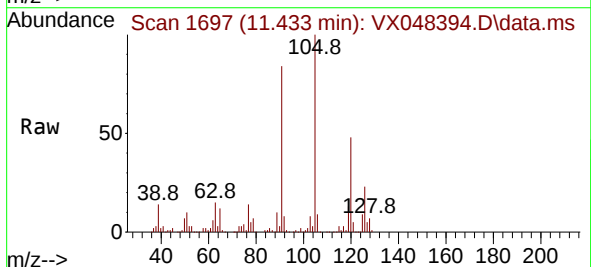
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.464 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

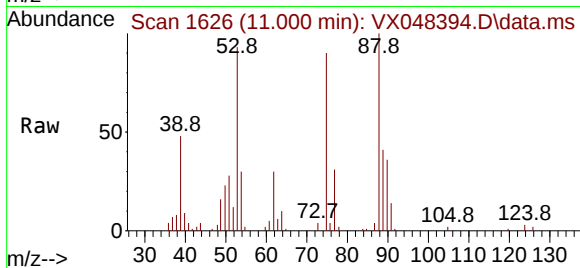
Tgt Ion:105 Resp: 133466
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 11.464 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

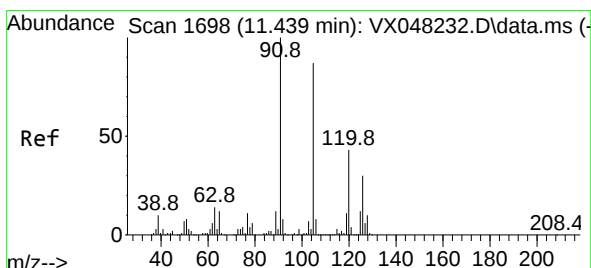
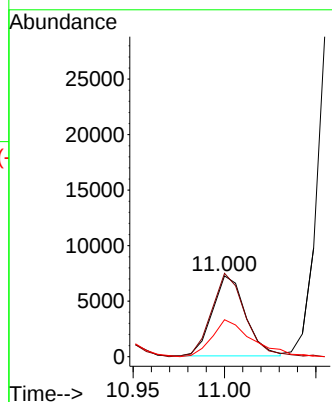
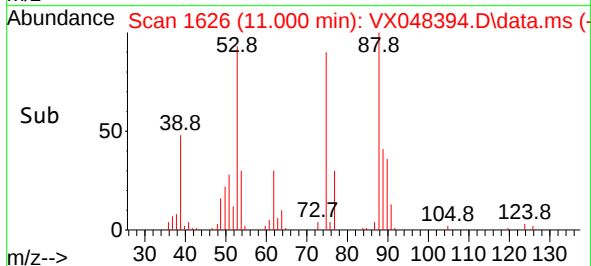
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



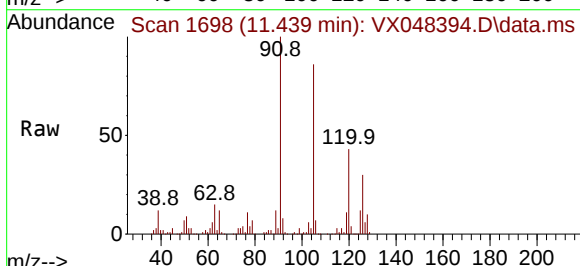
Tgt Ion: 75 Resp: 9138
Ion Ratio Lower Upper
75 100
53 105.5 79.5 119.3
89 55.7 36.8 55.2

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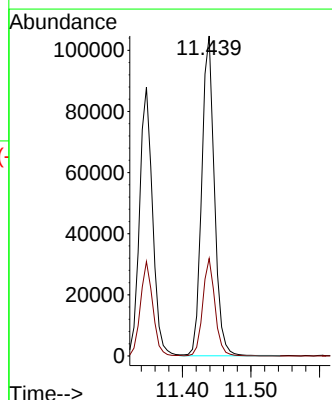
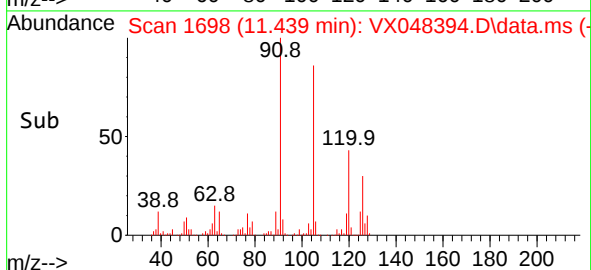
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

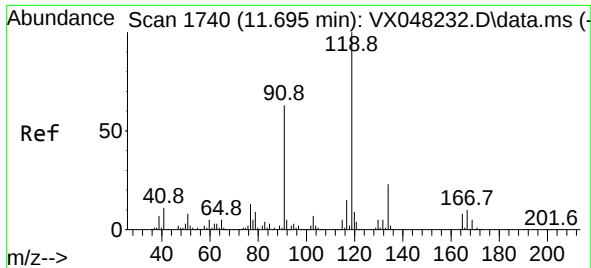


#82
4-Chlorotoluene
Concen: 18.534 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15



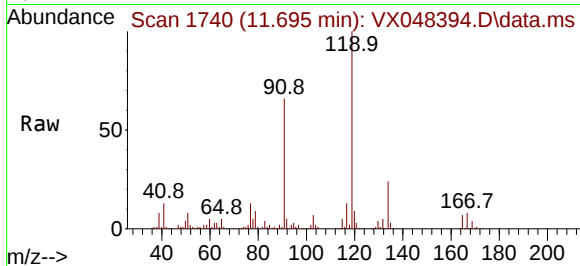
Tgt Ion: 91 Resp: 134904
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4





#83
 tert-Butylbenzene
 Concen: 18.142 ug/l
 RT: 11.695 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

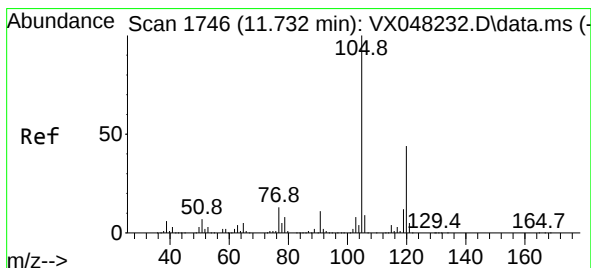
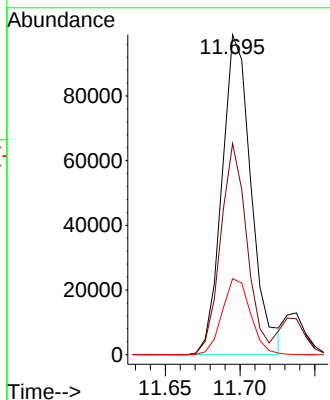
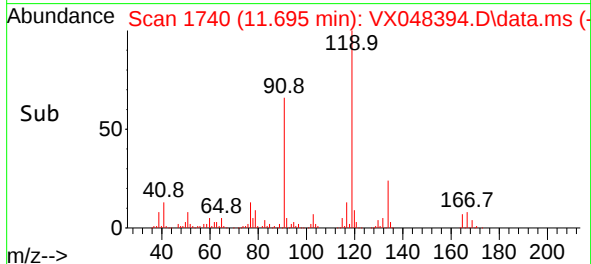
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBS01



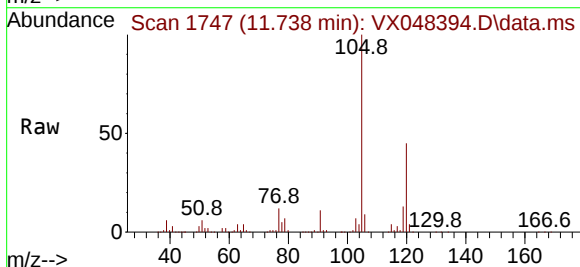
Tgt Ion:119 Resp: 13474
 Ion Ratio Lower Upper
 119 100
 91 59.4 30.3 91.0
 134 23.0 11.4 34.2

Manual Integrations
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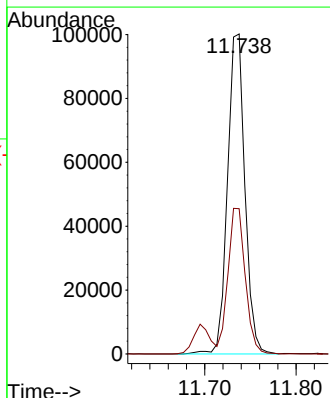
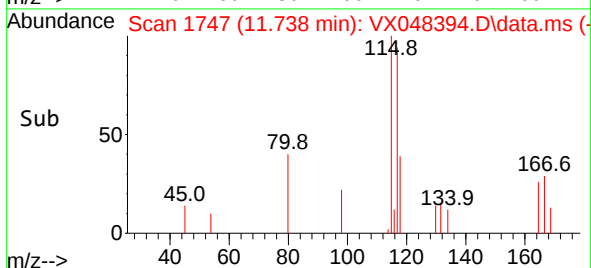
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 18.370 ug/l
 RT: 11.738 min Scan# 1747
 Delta R.T. 0.006 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15



Tgt Ion:105 Resp: 132519
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.5





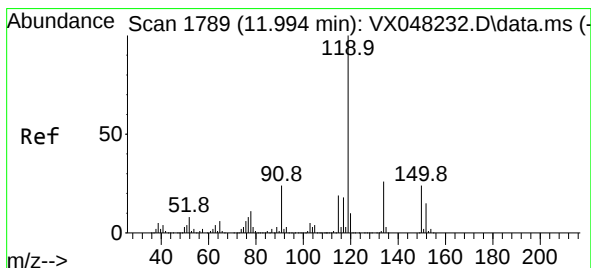
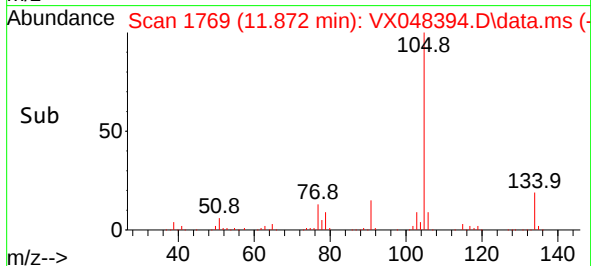
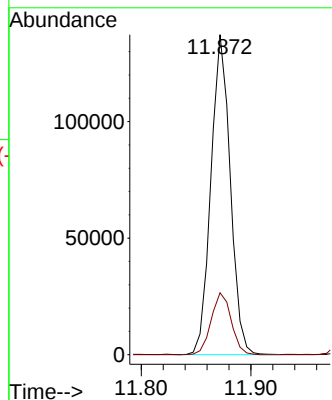
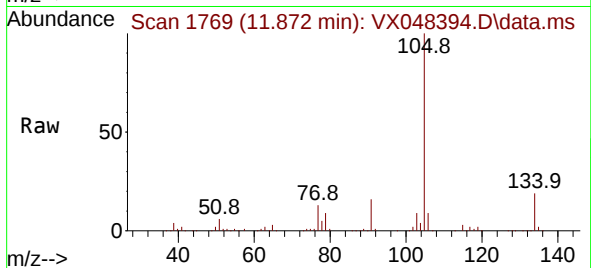
#85
 sec-Butylbenzene
 Concen: 18.820 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBS01

Tgt Ion:105 Resp: 168162
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

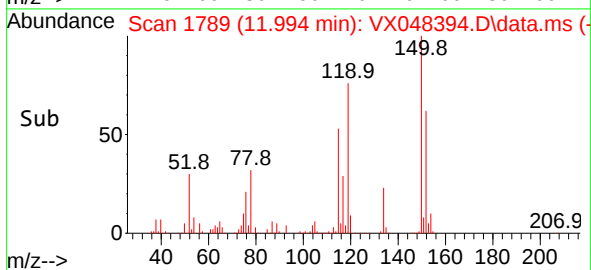
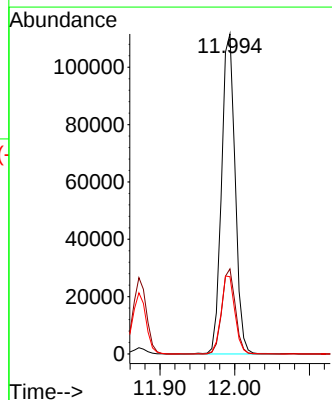
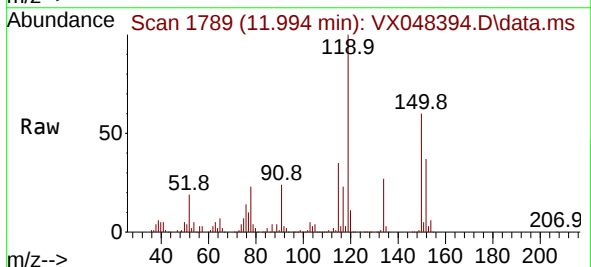
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#86
 p-Isopropyltoluene
 Concen: 18.309 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048394.D
 Acq: 28 Oct 2025 13:15

Tgt Ion:119 Resp: 141405
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 24.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 17.459 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028MBS01

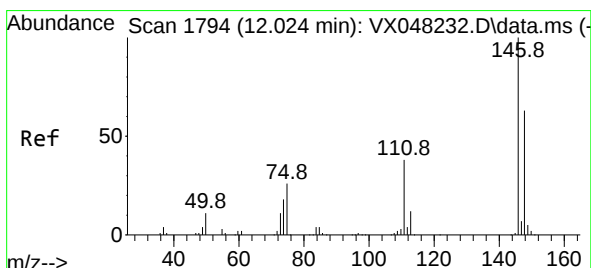
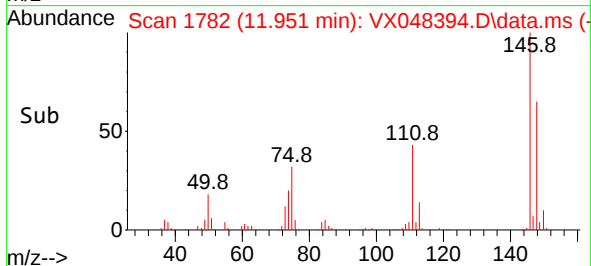
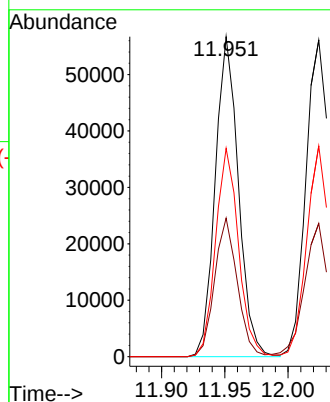
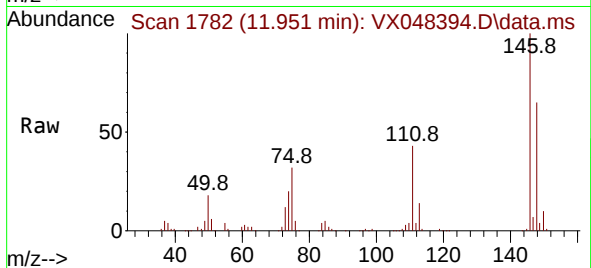
Tgt Ion:146 Resp: 72085
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.4 61.2
 148 64.6 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#88

1,4-Dichlorobenzene

Concen: 17.371 ug/l

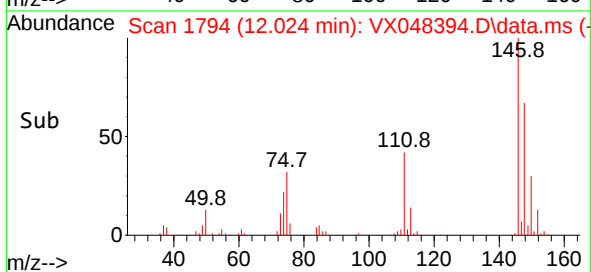
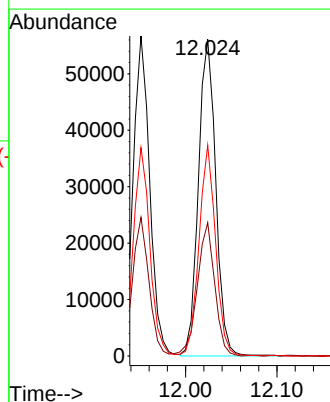
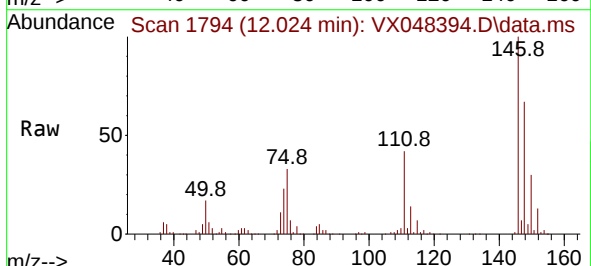
RT: 12.024 min Scan# 1794

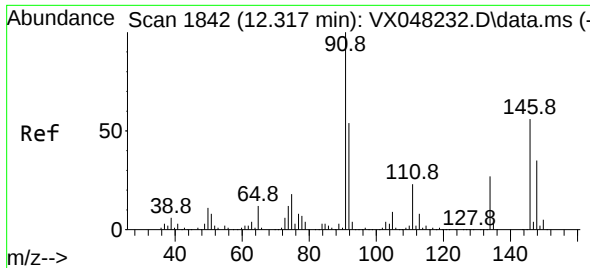
Delta R.T. -0.000 min

Lab File: VX048394.D

Acq: 28 Oct 2025 13:15

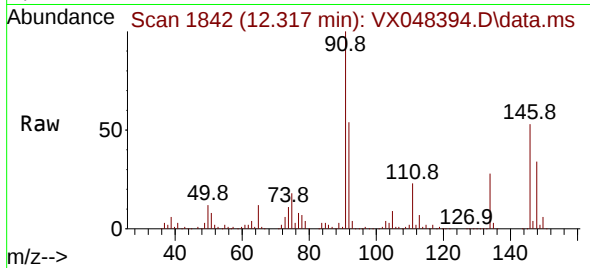
Tgt Ion:146 Resp: 74300
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.1 60.2
 148 63.7 31.8 95.3





#89
n-Butylbenzene
Concen: 18.414 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

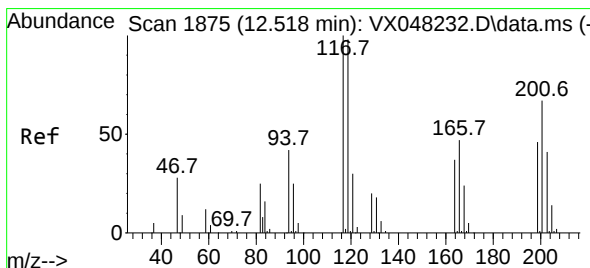
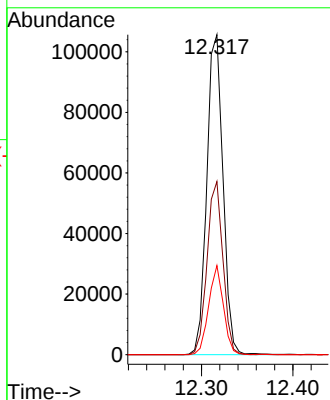
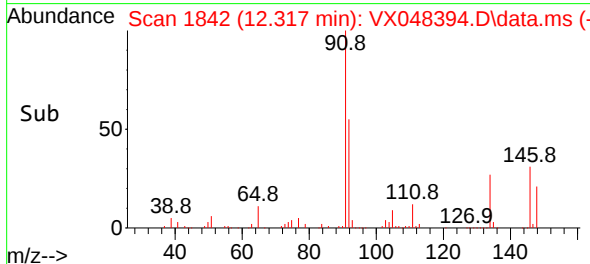
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



Tgt Ion: 91 Resp: 12944
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 25.4 12.7 38.1

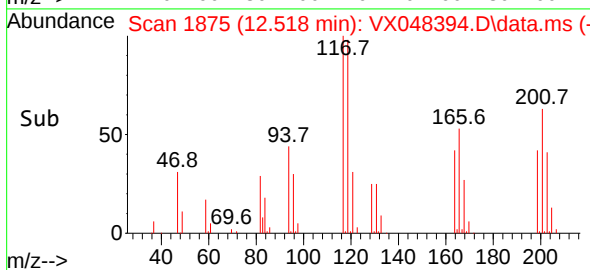
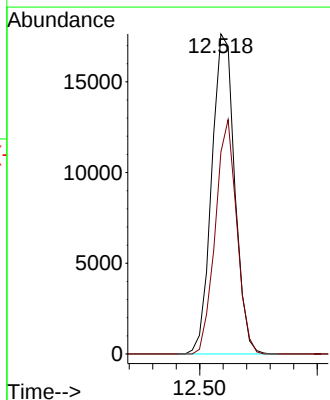
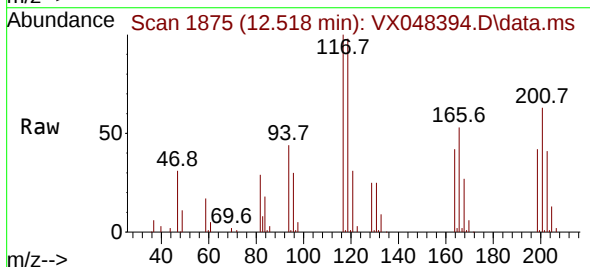
Manual Integrations
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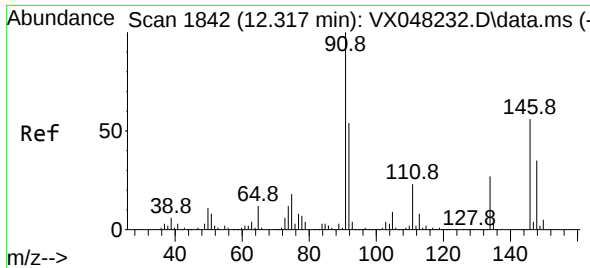
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#90
Hexachloroethane
Concen: 15.719 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

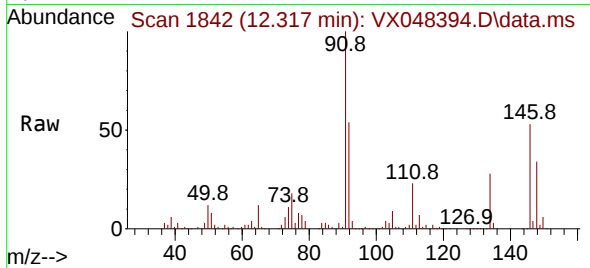
Tgt Ion:117 Resp: 23974
Ion Ratio Lower Upper
117 100
201 68.4 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 17.641 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

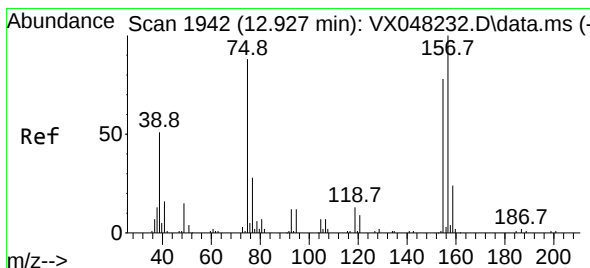
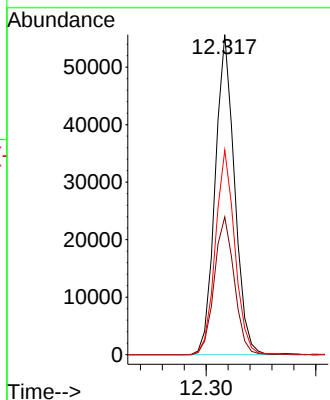
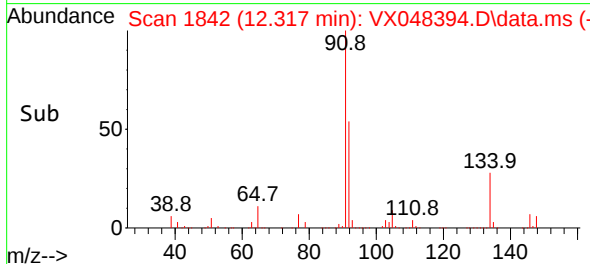
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



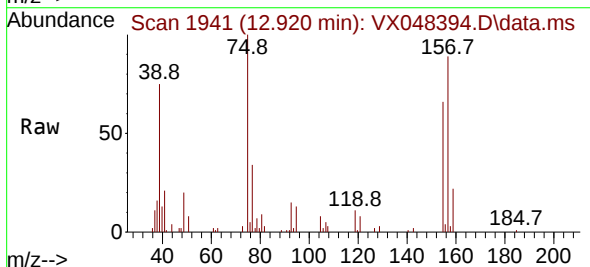
Tgt Ion:146 Resp: 68384
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 64.2 31.9 95.5

Manual Integrations
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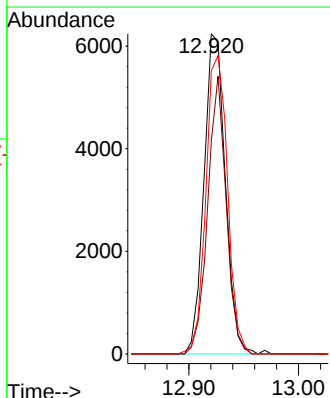
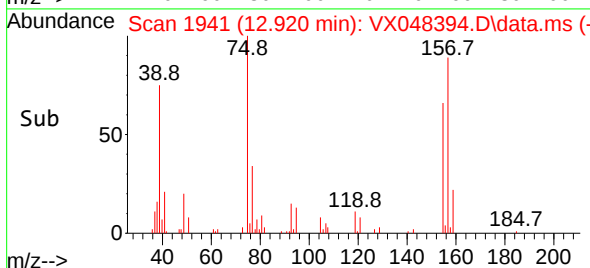
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

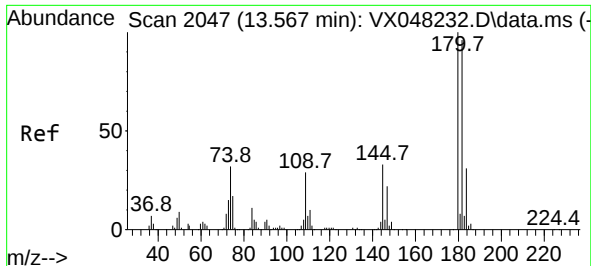


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.419 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15



Tgt Ion: 75 Resp: 8434
Ion Ratio Lower Upper
75 100
155 75.3 42.8 128.4
157 94.6 54.2 162.6





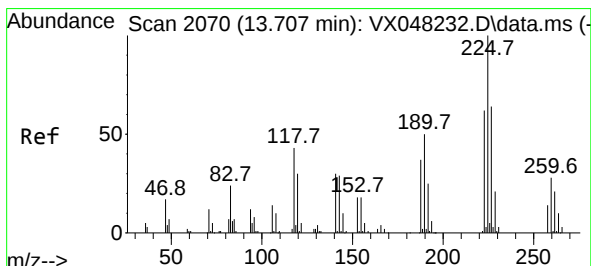
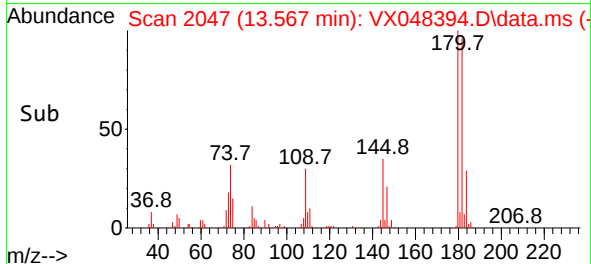
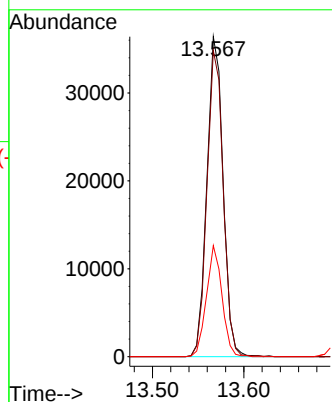
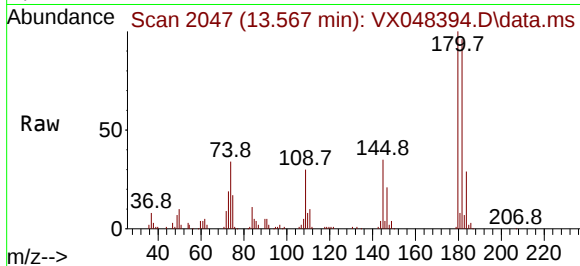
#93
1,2,4-Trichlorobenzene
Concen: 17.049 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01

Tgt Ion:180 Resp: 4469
Ion Ratio Lower Upper
180 100
182 96.0 47.3 142.0
145 33.5 16.3 48.9

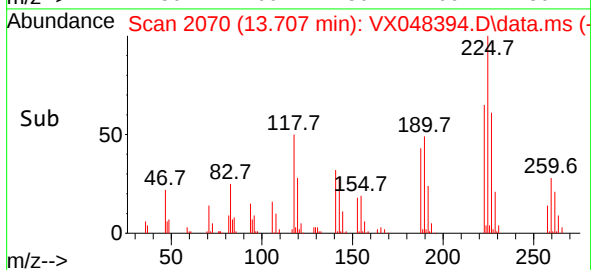
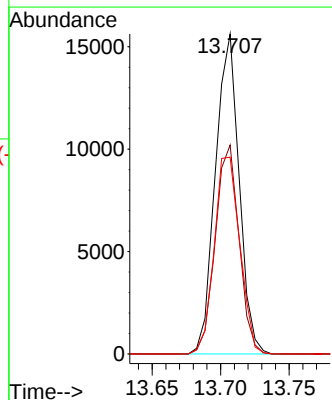
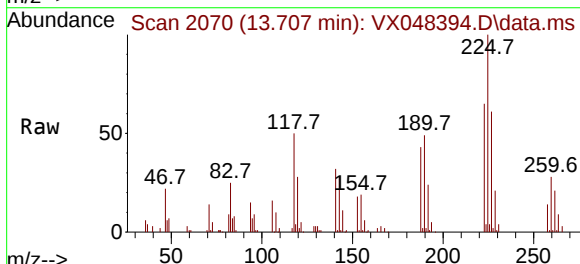
Manual Integrations
APPROVED

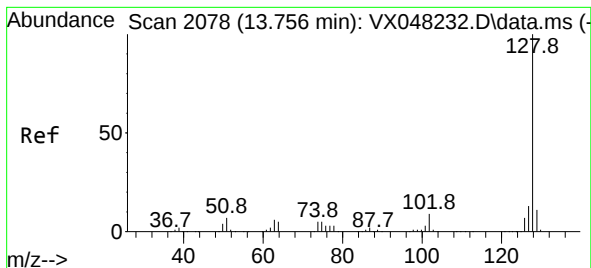
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#94
Hexachlorobutadiene
Concen: 19.142 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

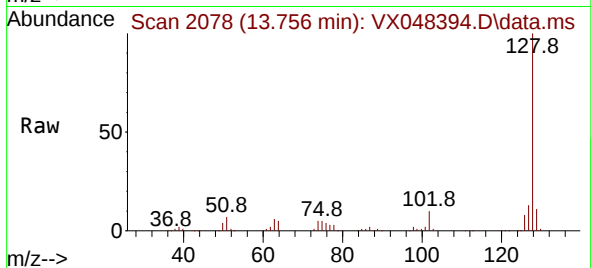
Tgt Ion:225 Resp: 18764
Ion Ratio Lower Upper
225 100
223 65.4 32.6 97.7
227 66.5 32.5 97.4





#95
Naphthalene
Concen: 17.039 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15

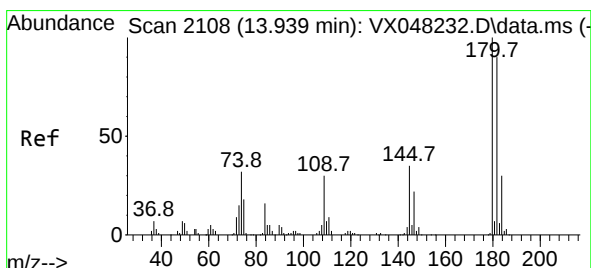
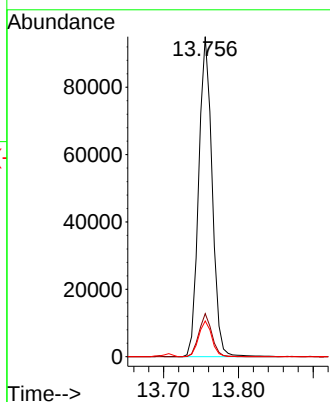
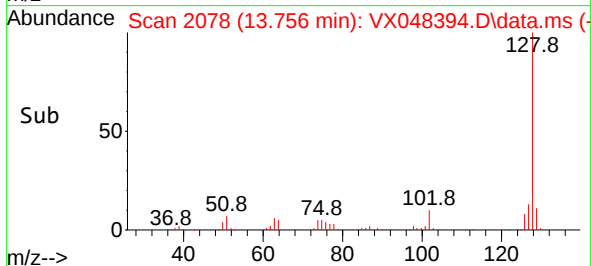
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBS01



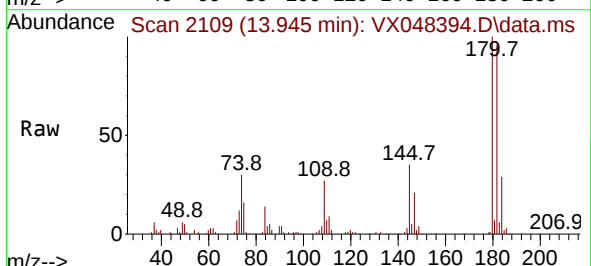
Tgt Ion:128 Resp: 118340
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.420 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048394.D
Acq: 28 Oct 2025 13:15



Tgt Ion:180 Resp: 41905
Ion Ratio Lower Upper
180 100
182 96.4 46.6 139.7
145 35.2 16.9 50.7

