

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048341.D
 Acq On : 24 Oct 2025 10:15
 Operator : JC/MD
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:00:39 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	5.531	168	145979	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.744	114	238661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	208902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.933	65	104947	51.275	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.560%			
35) Dibromofluoromethane	5.367	113	67722	41.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 83.120%			
50) Toluene-d8	8.628	98	283427	49.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.061	95	105010	48.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	27195	18.122	ug/l	94
3) Chloromethane	1.300	50	14115	10.077	ug/l	93
4) Vinyl Chloride	1.379	62	36112	27.840	ug/l	98
5) Bromomethane	1.617	94	12608	14.323	ug/l	92
6) Chloroethane	1.696	64	21902	28.735	ug/l	95
7) Trichlorofluoromethane	1.898	101	61799	24.842	ug/l	98
8) Diethyl Ether	2.129	74	20019	28.600	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	33915	21.529	ug/l	99
10) Methyl Iodide	2.458	142	121848	61.528	ug/l	98
11) Tert butyl alcohol	2.934	59	16210	79.768	ug/l	98
12) 1,1-Dichloroethene	2.324	96	31747	20.715	ug/l	98
13) Acrolein	2.233	56	25338	122.255	ug/l	100
14) Allyl chloride	2.666	41	54311	21.344	ug/l	95
15) Acrylonitrile	3.056	53	70500	96.210	ug/l	99
16) Acetone	2.367	43	48526	69.111	ug/l	98
17) Carbon Disulfide	2.513	76	88439	18.310	ug/l	98
18) Methyl Acetate	2.696	43	29292	19.976	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	105877	20.250	ug/l	100
20) Methylene Chloride	2.788	84	34512	20.172	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	34044	20.223	ug/l	98
22) Diisopropyl ether	3.745	45	118430	23.336	ug/l	99
23) Vinyl Acetate	3.708	43	423009	104.344	ug/l	99
24) 1,1-Dichloroethane	3.599	63	65078	21.207	ug/l	98
25) 2-Butanone	4.531	43	75222	84.639	ug/l	95
26) 2,2-Dichloropropane	4.464	77	56864	20.530	ug/l	98
27) cis-1,2-Dichloroethene	4.476	96	39206	19.955	ug/l	96
28) Bromochloromethane	4.879	49	27053	21.261	ug/l	97
29) Tetrahydrofuran	4.982	42	51748	97.222	ug/l	99
30) Chloroform	5.074	83	68186	20.797	ug/l	99
31) Cyclohexane	5.452	56	57458	22.616	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	62899	20.816	ug/l	98
36) 1,1-Dichloropropene	5.677	75	46219	19.958	ug/l	96
37) Ethyl Acetate	4.690	43	41061	21.391	ug/l #	95
38) Carbon Tetrachloride	5.659	117	52919	18.522	ug/l	95
39) Methylcyclohexane	7.366	83	56949	20.823	ug/l	98
40) Benzene	6.019	78	135581	20.165	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	20984	20.817	ug/l	98
42) 1,2-Dichloroethane	6.068	62	52014	20.965	ug/l	99
43) Isopropyl Acetate	6.318	43	68756	21.807	ug/l	99
44) Trichloroethene	7.104	130	34170	19.247	ug/l	98
45) 1,2-Dichloropropane	7.409	63	33220	20.781	ug/l	99
46) Dibromomethane	7.561	93	24750	19.873	ug/l	98
47) Bromodichloromethane	7.805	83	52628	19.571	ug/l	99
48) Methyl methacrylate	7.677	41	33315	20.939	ug/l	96
49) 1,4-Dioxane	7.641	88	7180	341.585	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	189499	104.240	ug/l	99
52) Toluene	8.701	92	84824	19.859	ug/l	98
53) t-1,3-Dichloropropene	8.963	75	49569	19.129	ug/l	96
54) cis-1,3-Dichloropropene	8.348	75	52191	18.668	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	31755	19.991	ug/l	95
56) Ethyl methacrylate	9.098	69	45976	19.789	ug/l	97
57) 1,3-Dichloropropane	9.293	76	53530	19.729	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	118629	96.012	ug/l	99
59) 2-Hexanone	9.415	43	125025	98.630	ug/l	98
60) Dibromochloromethane	9.506	129	38132	17.861	ug/l	99
61) 1,2-Dibromoethane	9.591	107	32346	19.101	ug/l	98
64) Tetrachloroethene	9.256	164	32600	20.904	ug/l	97
65) Chlorobenzene	10.061	112	93252	19.844	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	32783	18.993	ug/l	99
67) Ethyl Benzene	10.177	91	163786	20.471	ug/l	99
68) m/p-Xylenes	10.286	106	122538	41.221	ug/l	99
69) o-Xylene	10.622	106	57644	20.085	ug/l	100
70) Styrene	10.640	104	98123	20.079	ug/l	98
71) Bromoform	10.780	173	23162	16.790	ug/l #	99
73) Isopropylbenzene	10.945	105	156349	20.669	ug/l	100
74) N-amyl acetate	10.823	43	58990	21.985	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	39902	19.317	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	35869m	21.358	ug/l	
77) Bromobenzene	11.176	156	36110	19.039	ug/l	98
78) n-propylbenzene	11.286	91	186273	21.269	ug/l	99
79) 2-Chlorotoluene	11.347	91	111240	20.949	ug/l	98
80) 1,3,5-Trimethylbenzene	11.432	105	129782	20.733	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	8393	12.159	ug/l #	53
82) 4-Chlorotoluene	11.432	91	129943	20.615	ug/l	100
83) tert-Butylbenzene	11.695	119	128952	20.049	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	129443	20.720	ug/l	99
85) sec-Butylbenzene	11.871	105	165405	21.376	ug/l	99
86) p-Isopropyltoluene	11.987	119	137775	20.599	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	68516	19.162	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	69433	18.745	ug/l	99
89) n-Butylbenzene	12.316	91	127603	20.961	ug/l	100
90) Hexachloroethane	12.518	117	22551	17.074	ug/l	99
91) 1,2-Dichlorobenzene	12.316	146	64650	19.258	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7646	18.235	ug/l	92
93) 1,2,4-Trichlorobenzene	13.566	180	42595	18.762	ug/l	100
94) Hexachlorobutadiene	13.706	225	18776	22.108	ug/l	95
95) Naphthalene	13.755	128	112756	18.747	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	39822	19.115	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

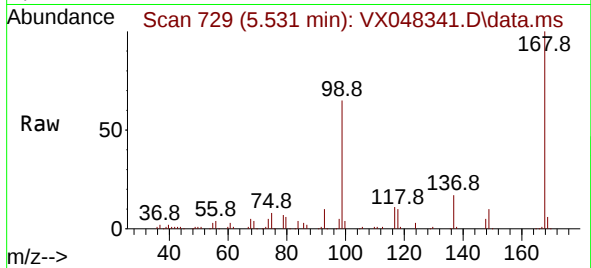
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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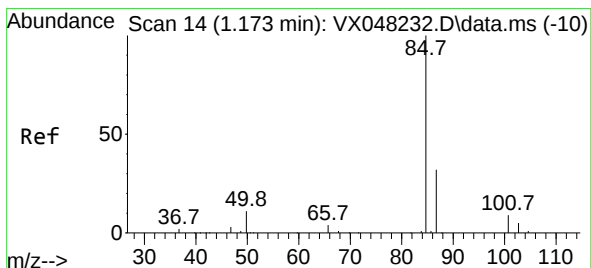
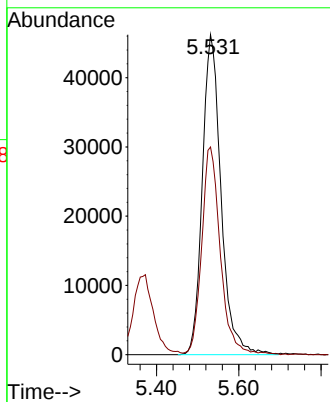
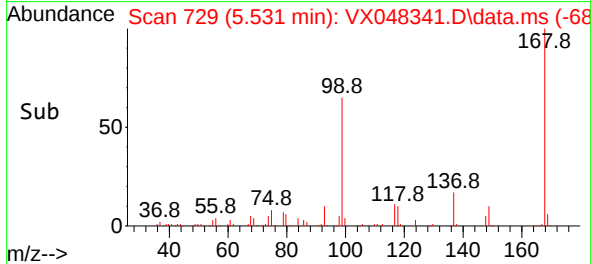
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:168 Resp: 145979
Ion Ratio Lower Upper
168 100
99 64.6 46.4 69.6

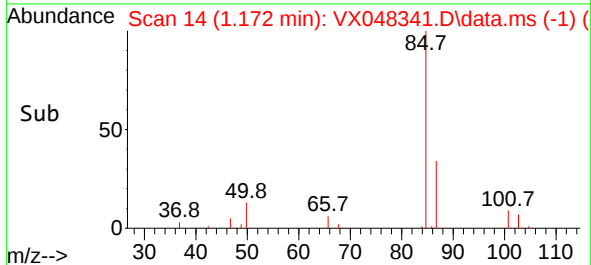
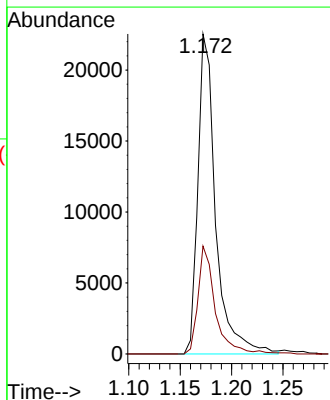
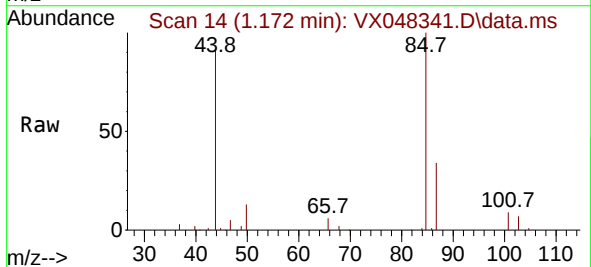
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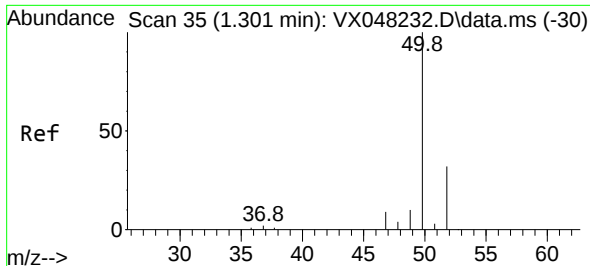
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 18.122 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 85 Resp: 27195
Ion Ratio Lower Upper
85 100
87 33.7 15.3 45.9





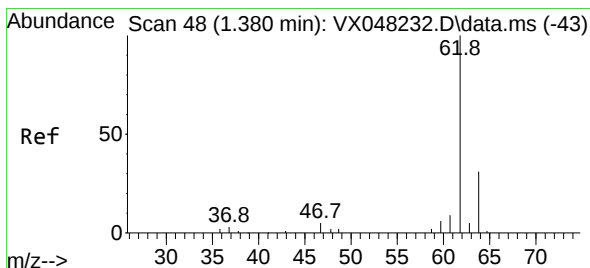
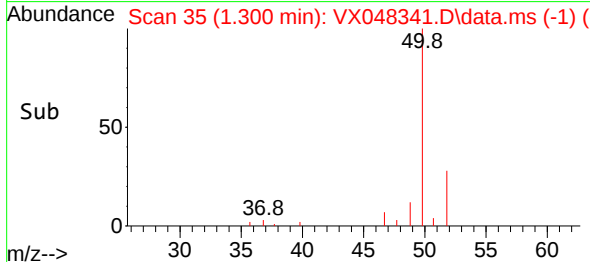
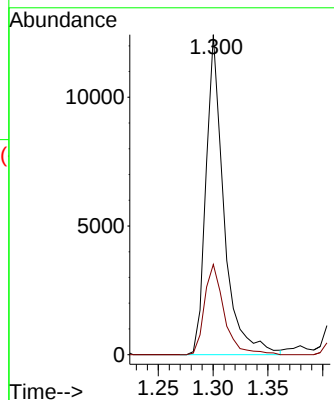
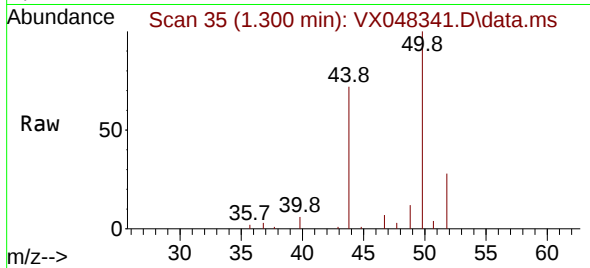
#3
Chloromethane
Concen: 10.077 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

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Tgt Ion: 50 Resp: 1411
Ion Ratio Lower Upper
50 100
52 28.2 25.9 38.9

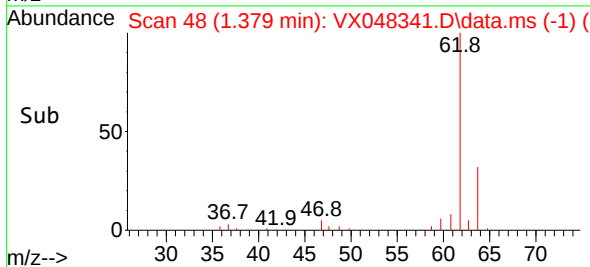
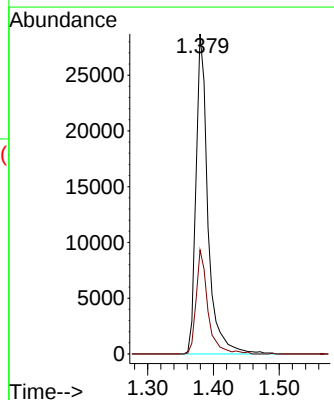
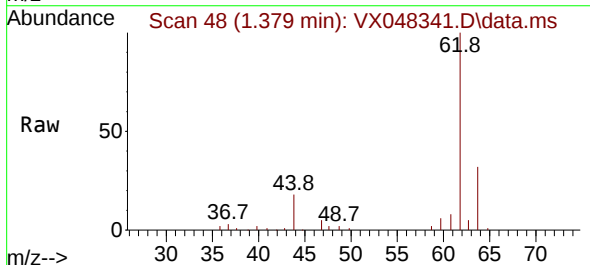
Manual Integrations
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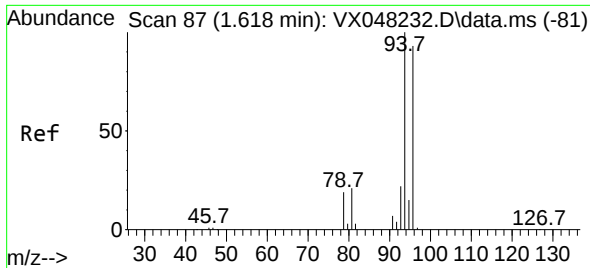
Reviewed By :John Carlone 10/27/2025
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#4
Vinyl Chloride
Concen: 27.840 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

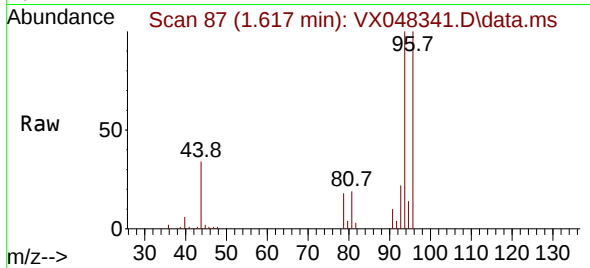
Tgt Ion: 62 Resp: 36112
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7





#5
Bromomethane
Concen: 14.323 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

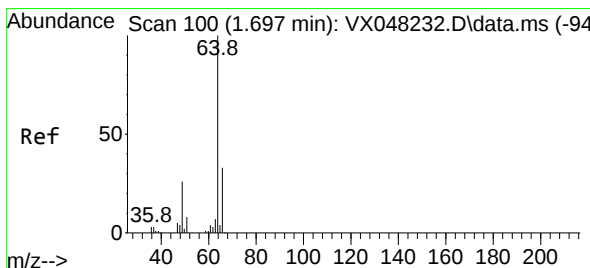
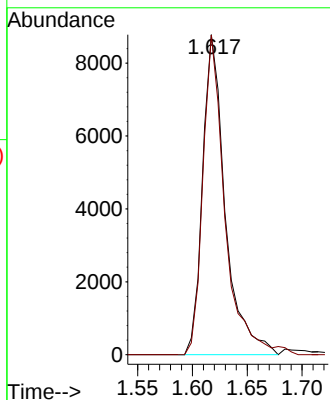
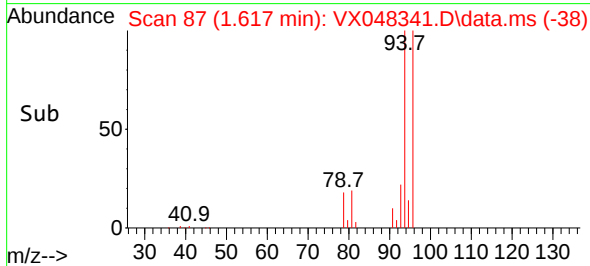
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 94 Resp: 12608
Ion Ratio Lower Upper
94 100
96 87.6 76.0 114.0

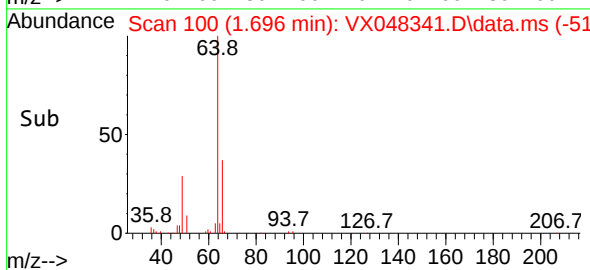
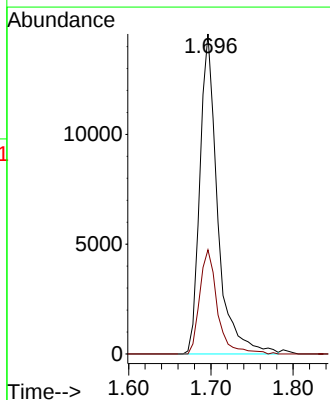
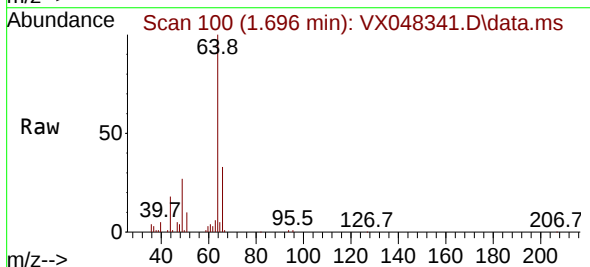
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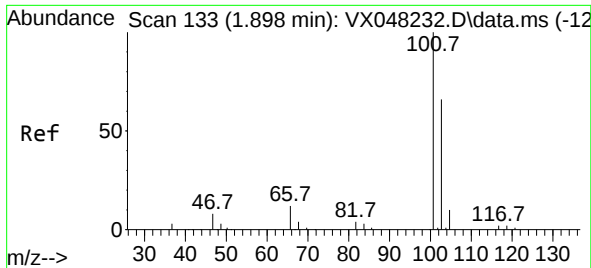
Reviewed By :John Carlone 10/27/2025
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#6
Chloroethane
Concen: 28.735 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048341.D
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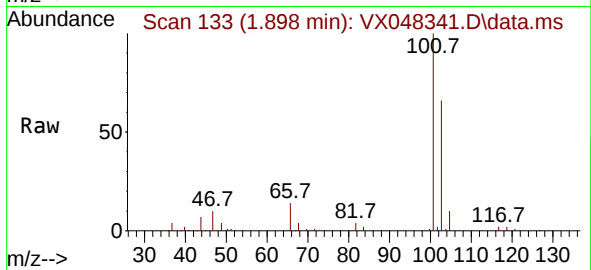
Tgt Ion: 64 Resp: 21902
Ion Ratio Lower Upper
64 100
66 32.6 23.9 35.9





#7
Trichlorofluoromethane
Concen: 24.842 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

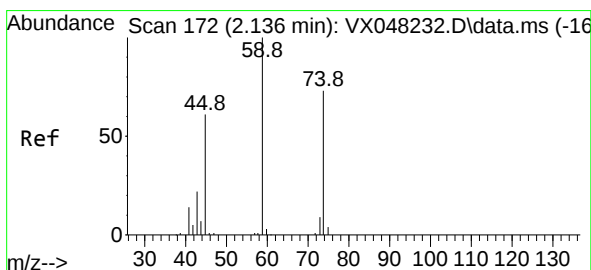
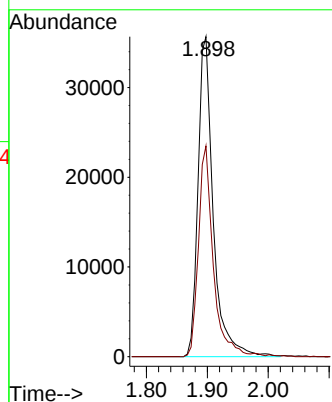
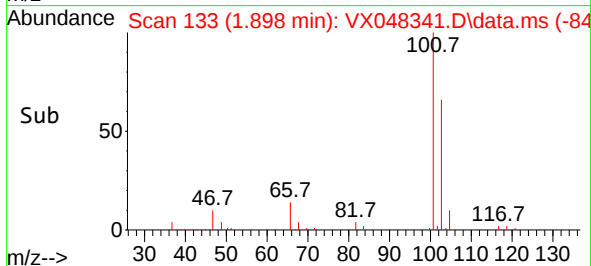
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 61799
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

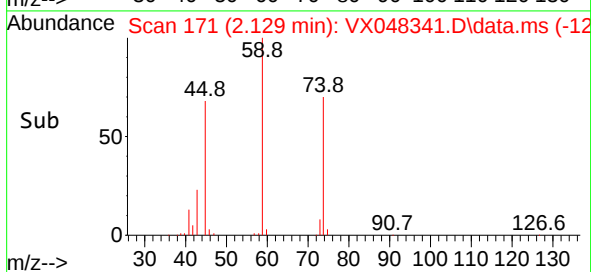
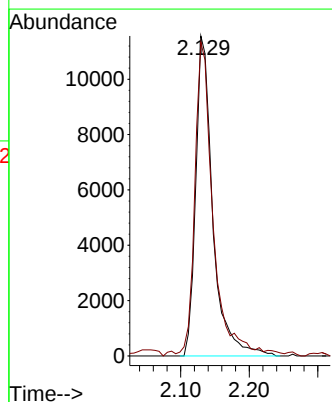
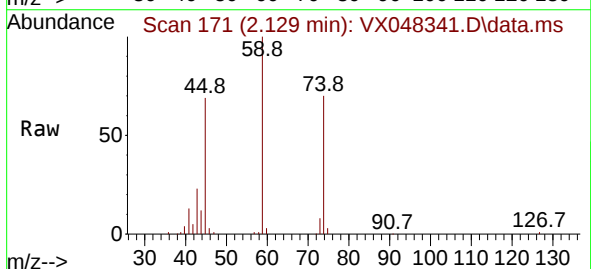
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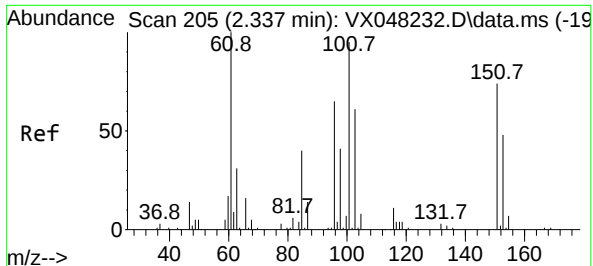
Reviewed By :John Carlone 10/27/2025
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#8
Diethyl Ether
Concen: 28.600 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 74 Resp: 20019
Ion Ratio Lower Upper
74 100
45 106.0 50.0 149.8





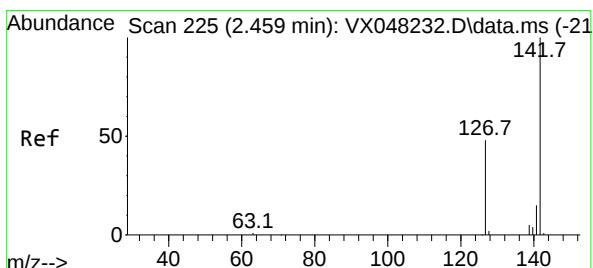
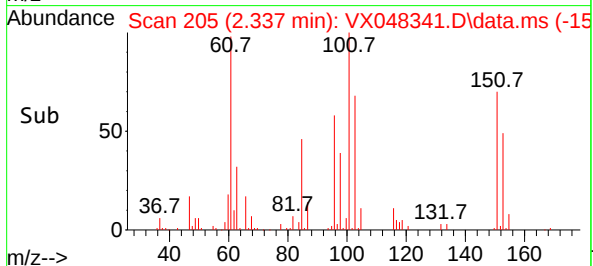
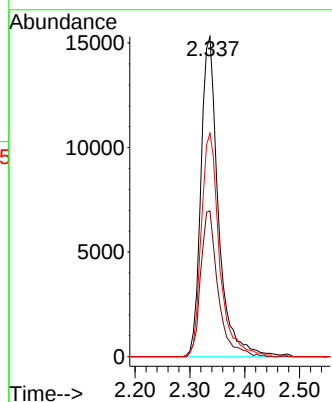
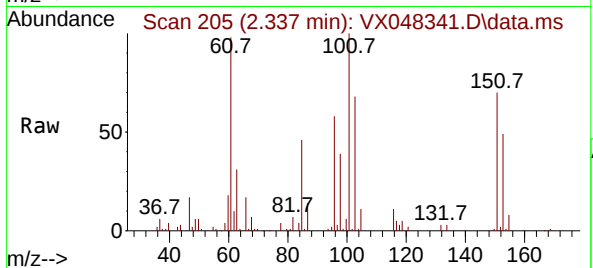
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.529 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
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Tgt Ion:101 Resp: 33915
Ion Ratio Lower Upper
101 100
85 45.5 35.6 53.4
151 72.7 58.0 87.0

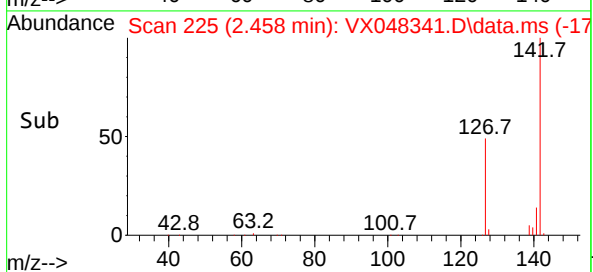
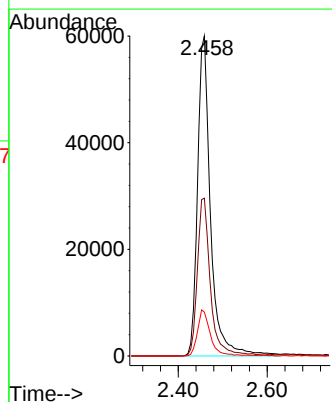
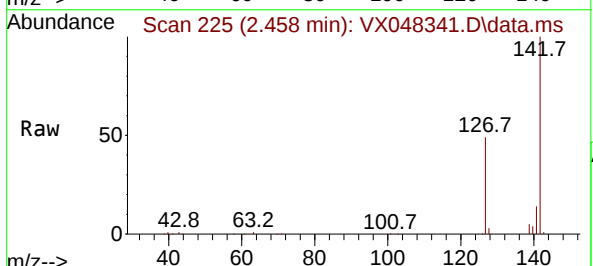
Manual Integrations
APPROVED

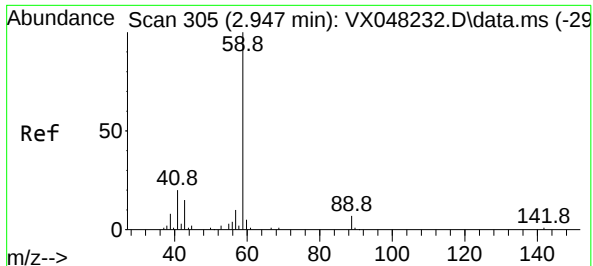
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 61.528 ug/l
RT: 2.458 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

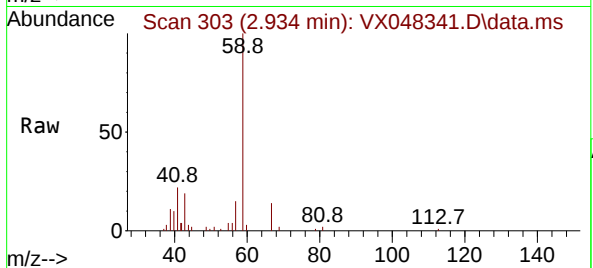
Tgt Ion:142 Resp: 121848
Ion Ratio Lower Upper
142 100
127 49.5 38.5 57.7
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 79.768 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

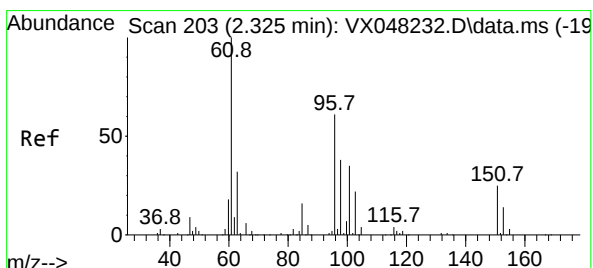
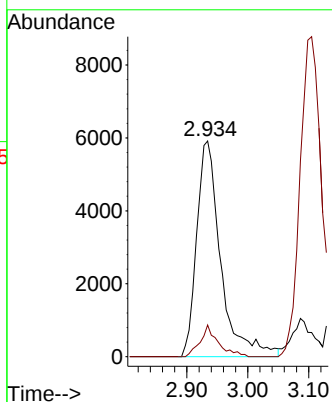
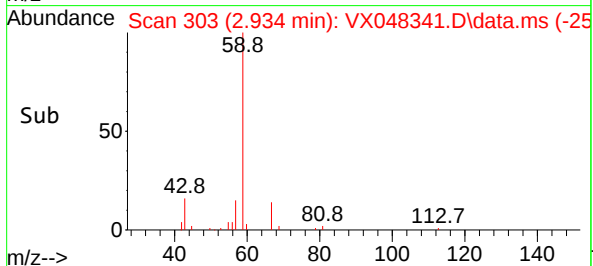
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 59 Resp: 16210
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

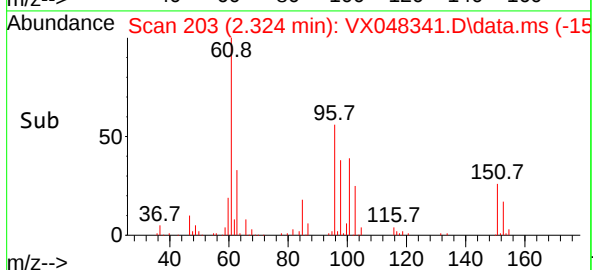
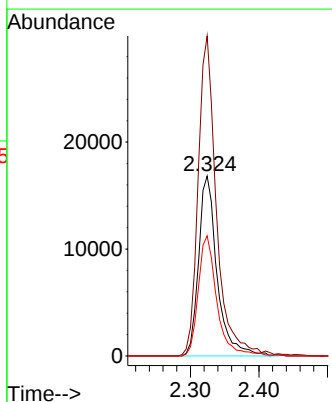
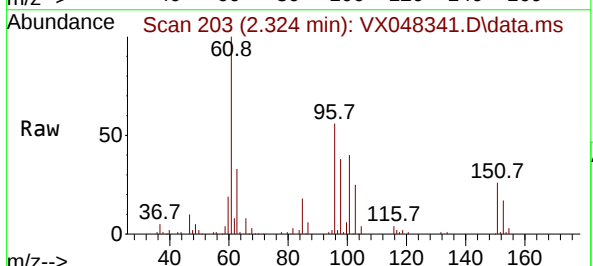
Manual Integrations
APPROVED

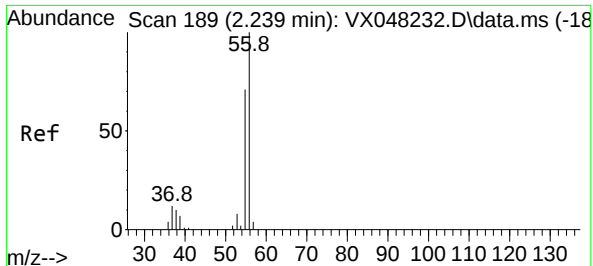
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 20.715 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

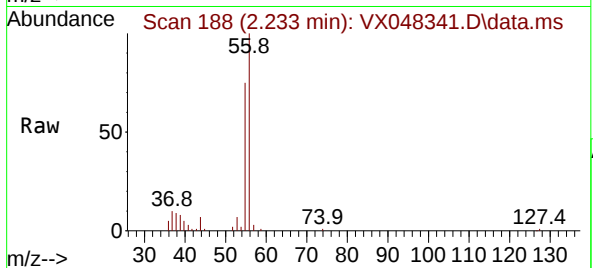
Tgt Ion: 96 Resp: 31747
Ion Ratio Lower Upper
96 100
61 177.7 139.0 208.6
98 66.7 52.4 78.6





#13
Acrolein
Concen: 122.255 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

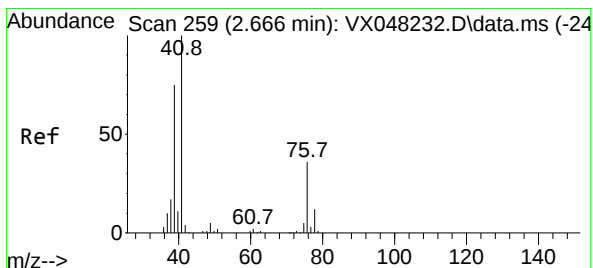
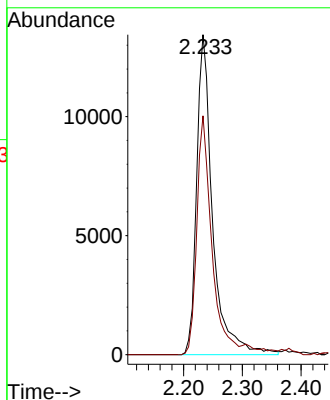
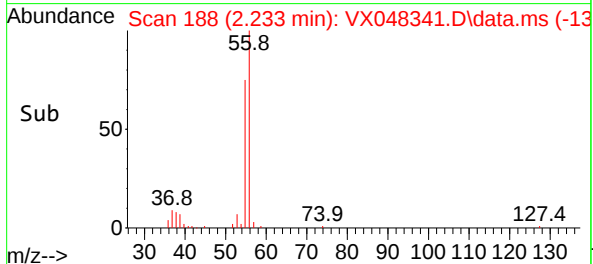
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 56 Resp: 25338
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

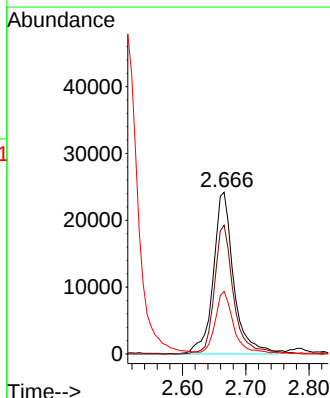
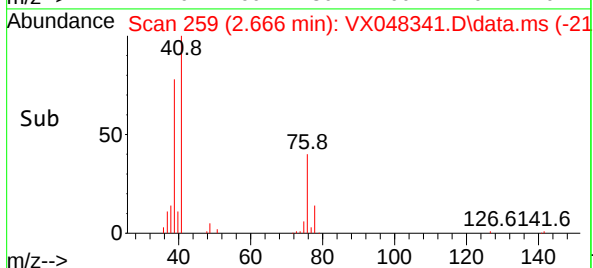
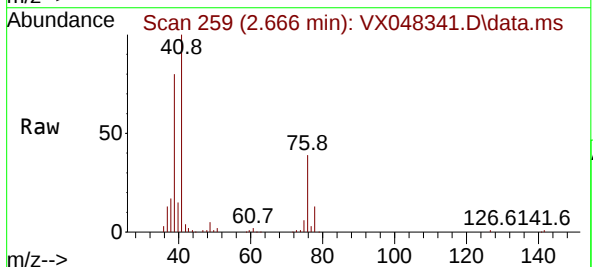
Manual Integrations
APPROVED

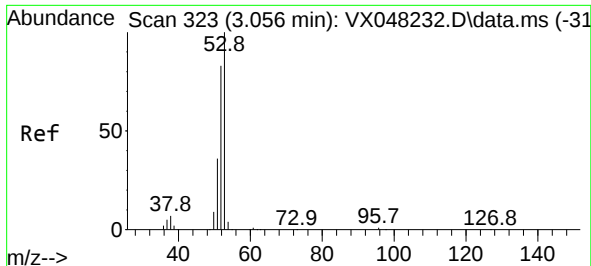
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 21.344 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

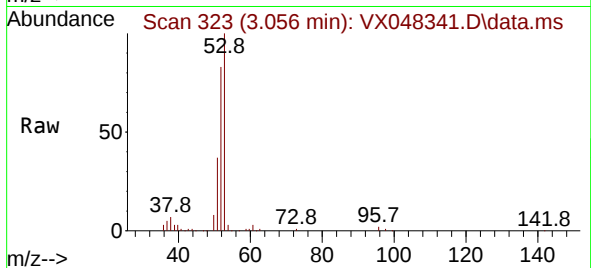
Tgt Ion: 41 Resp: 54311
Ion Ratio Lower Upper
41 100
39 74.9 56.0 84.0
76 35.5 27.5 41.3





#15
Acrylonitrile
Concen: 96.210 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

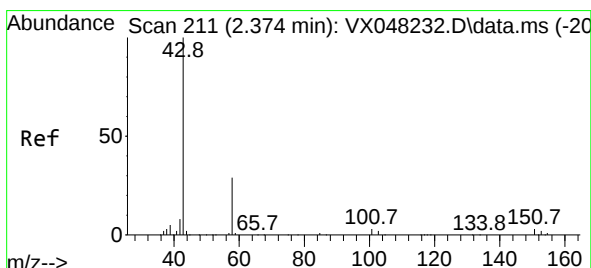
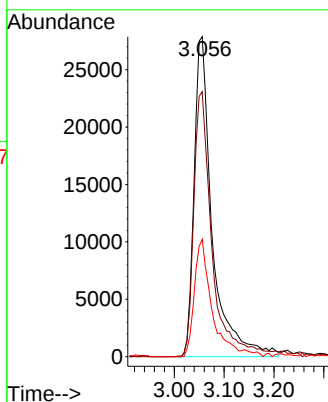
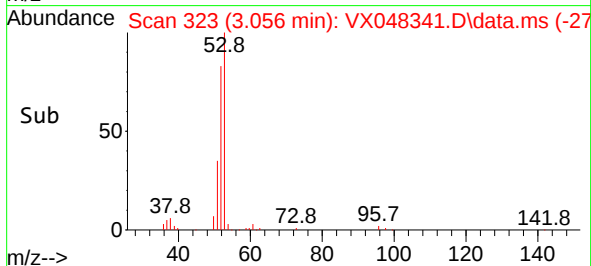
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 53 Resp: 70500
Ion Ratio Lower Upper
53 100
52 83.5 66.1 99.1
51 36.1 29.0 43.4

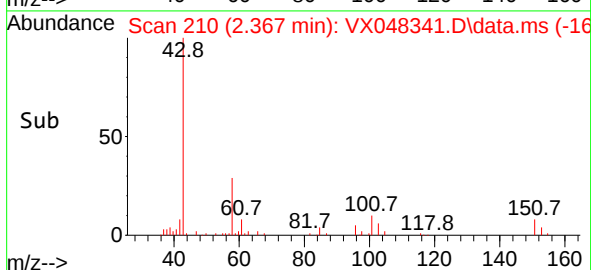
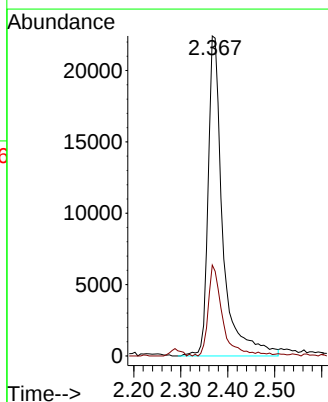
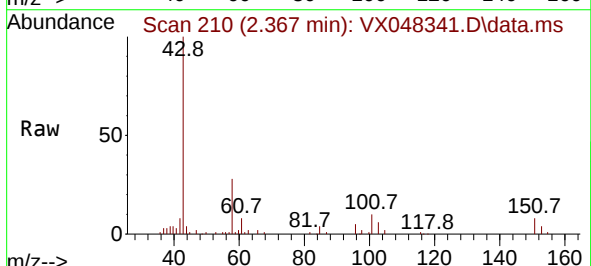
Manual Integrations
APPROVED

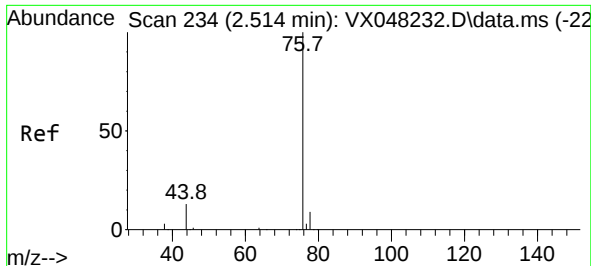
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 69.111 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

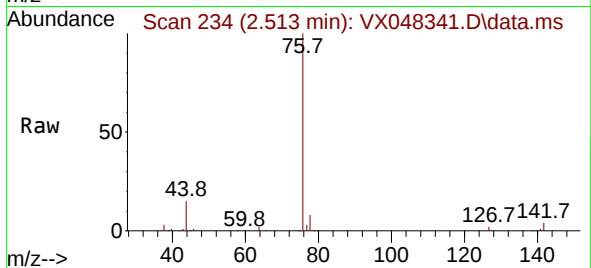
Tgt Ion: 43 Resp: 48526
Ion Ratio Lower Upper
43 100
58 28.2 23.4 35.2





#17
Carbon Disulfide
Concen: 18.310 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

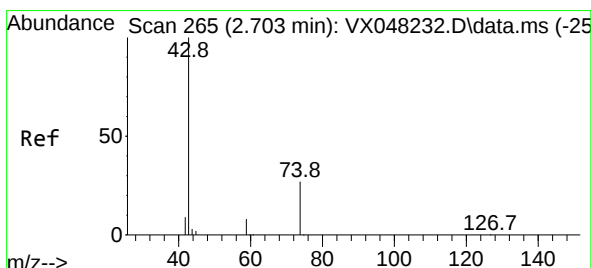
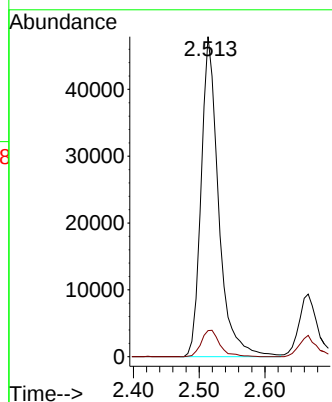
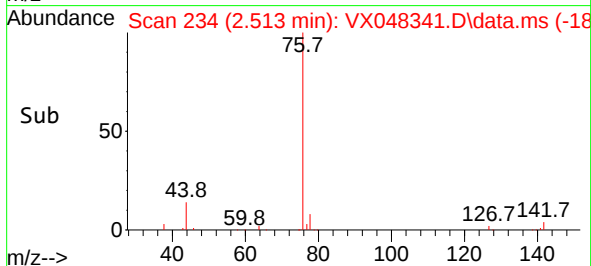
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 76 Resp: 88439
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7

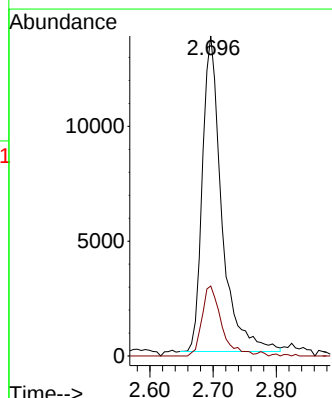
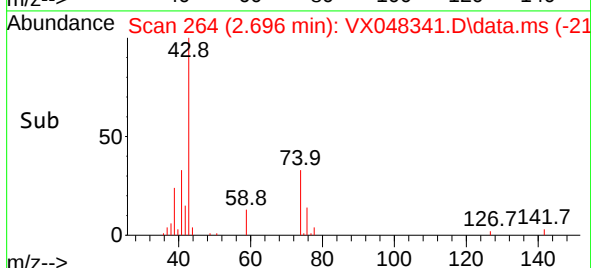
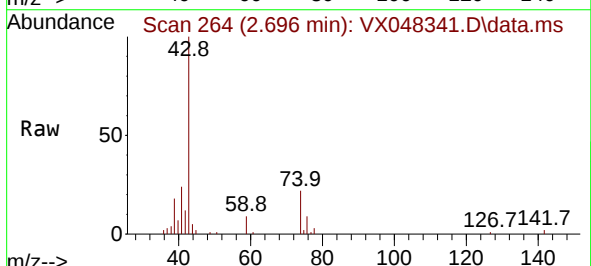
Manual Integrations
APPROVED

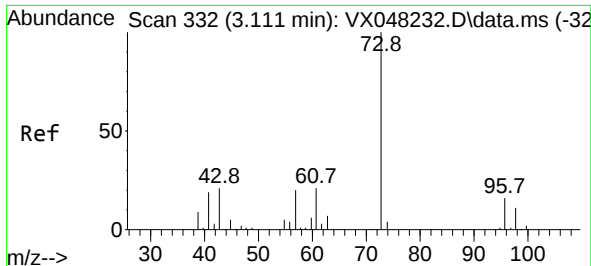
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 19.976 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 29292
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3





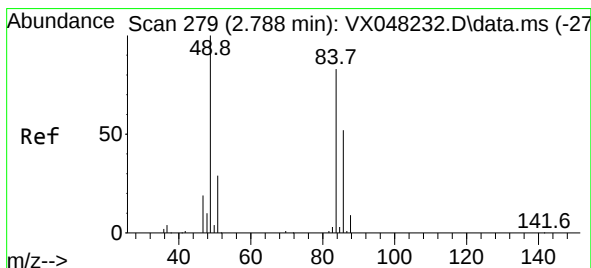
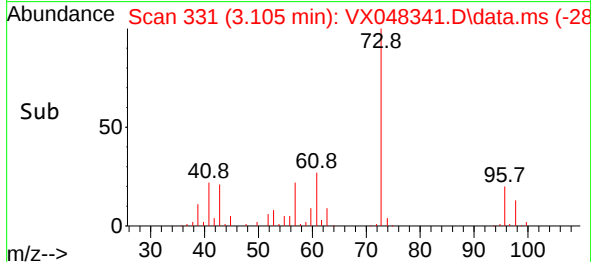
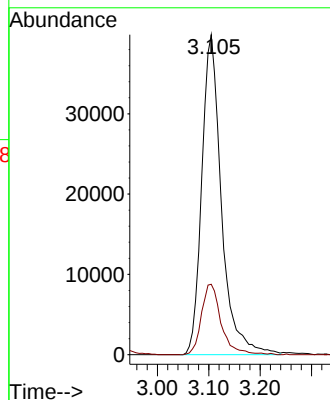
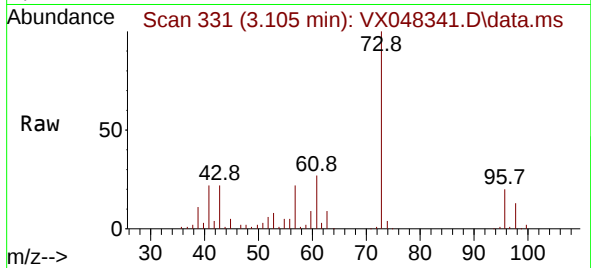
#19
Methyl tert-butyl Ether
Concen: 20.250 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion: 73 Resp: 10587
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

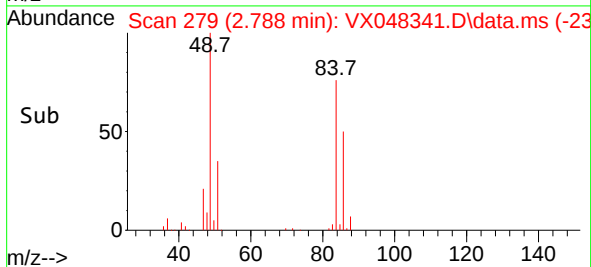
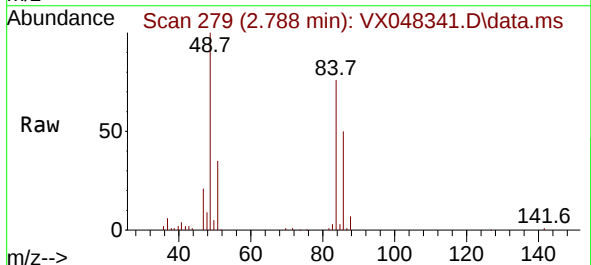
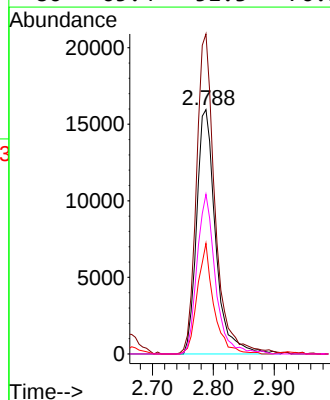
Manual Integrations
APPROVED

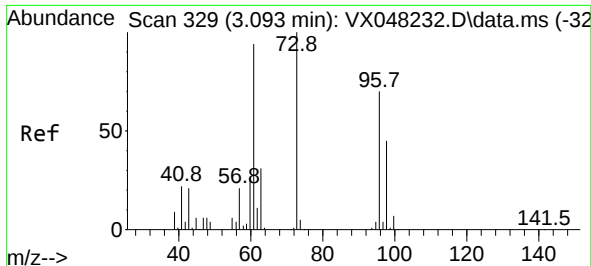
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 20.172 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

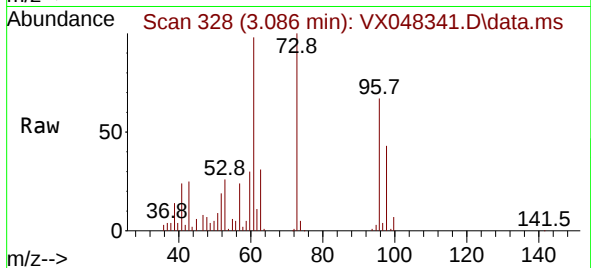
Tgt Ion: 84 Resp: 34512
Ion Ratio Lower Upper
84 100
49 130.5 104.1 156.1
51 45.2 31.3 46.9
86 65.4 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 20.223 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

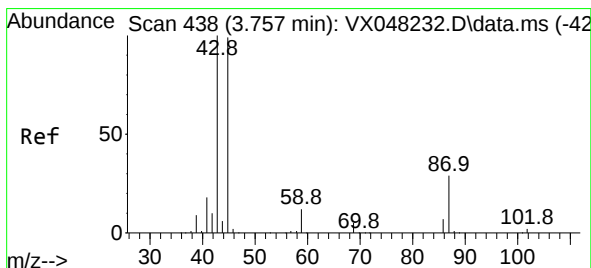
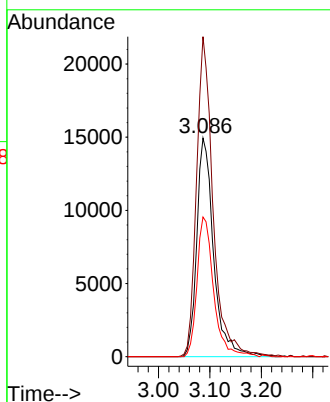
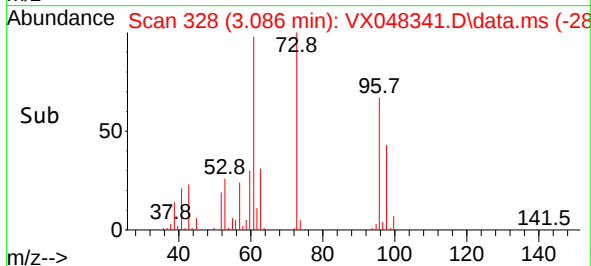
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 96 Resp: 3404
Ion Ratio Lower Upper
96 100
61 138.1 111.9 167.9
98 60.3 51.2 76.8

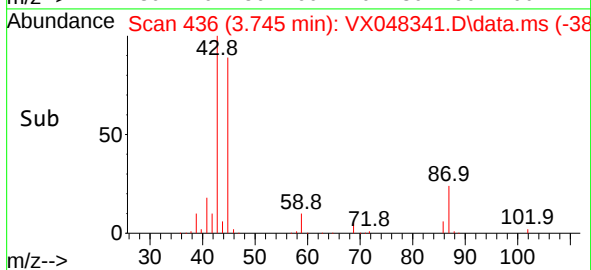
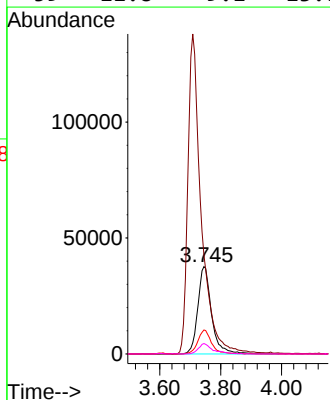
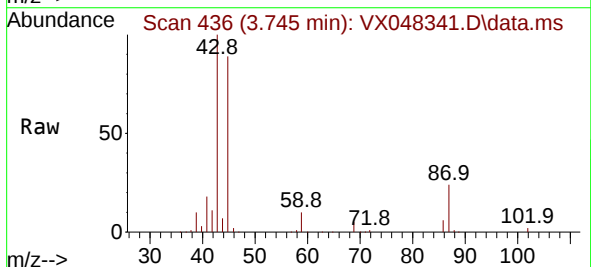
Manual Integrations
APPROVED

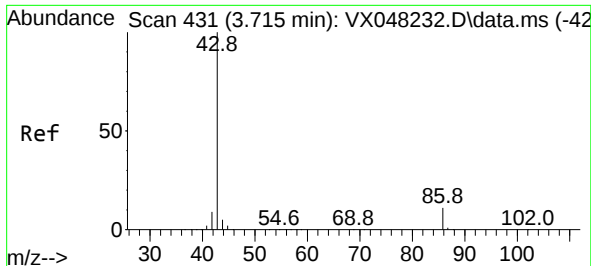
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 23.336 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

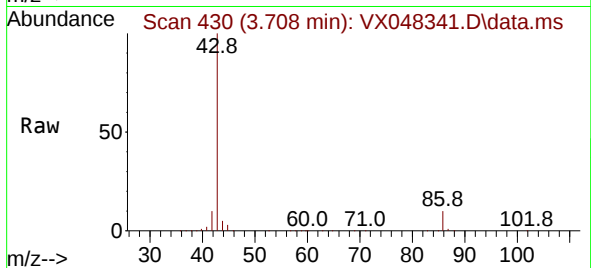
Tgt Ion: 45 Resp: 118430
Ion Ratio Lower Upper
45 100
43 112.2 89.8 134.8
87 27.4 20.6 31.0
59 11.8 9.1 13.7





#23
 Vinyl Acetate
 Concen: 104.344 ug/l
 RT: 3.708 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

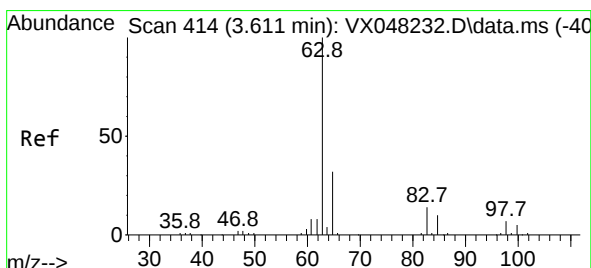
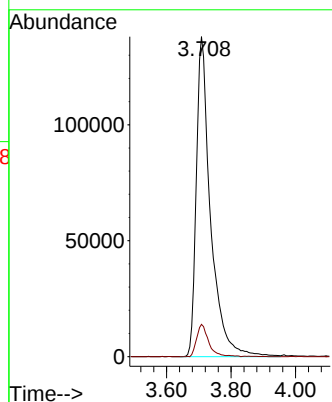
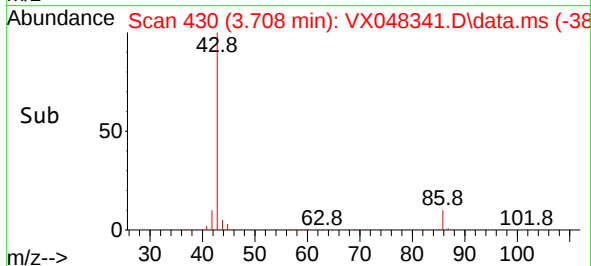
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01



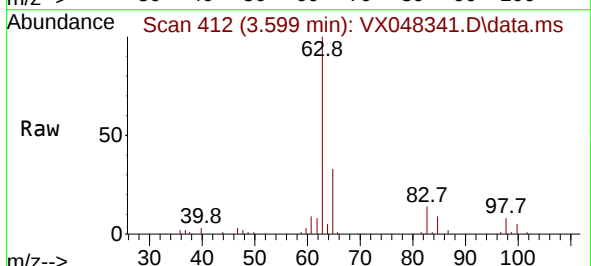
Tgt Ion: 43 Resp: 423009
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9

Manual Integrations
 APPROVED

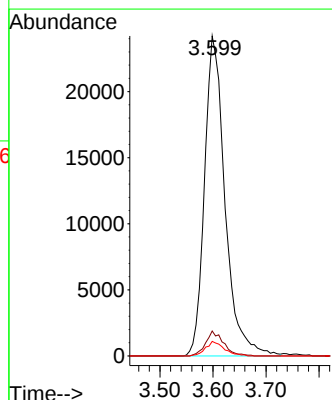
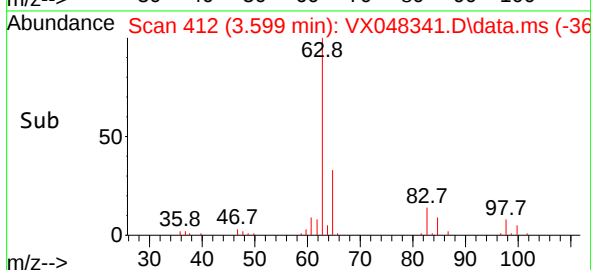
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

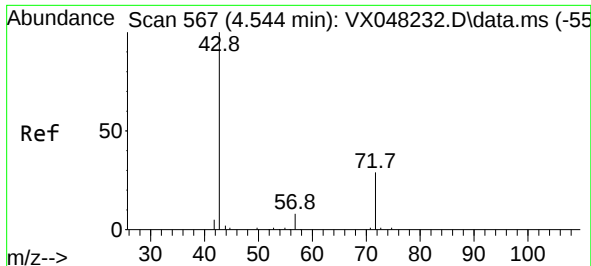


#24
 1,1-Dichloroethane
 Concen: 21.207 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.007 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15



Tgt Ion: 63 Resp: 65078
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.6 2.1 6.3





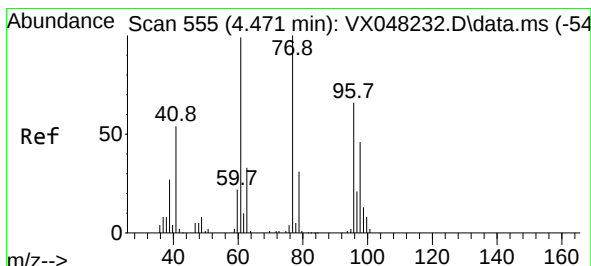
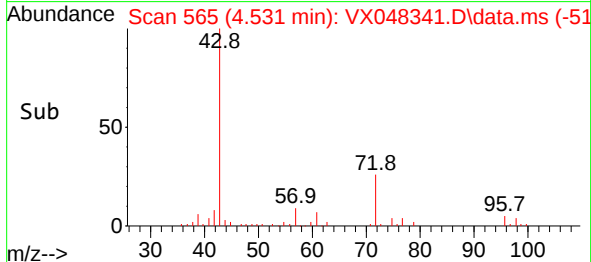
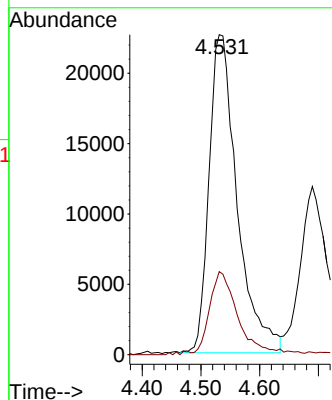
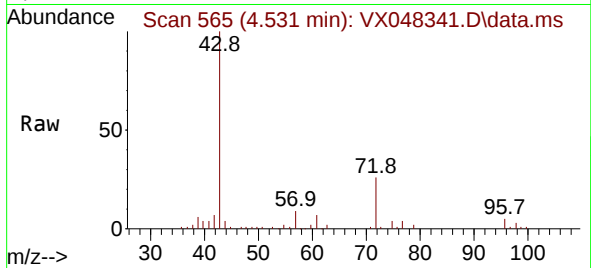
#25
2-Butanone
Concen: 84.639 ug/l
RT: 4.531 min Scan# 50
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion: 43 Resp: 7522
Ion Ratio Lower Upper
43 100
72 27.6 19.9 29.9

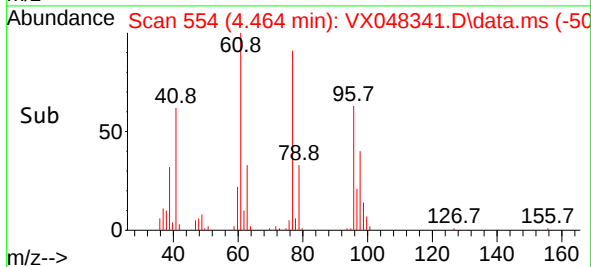
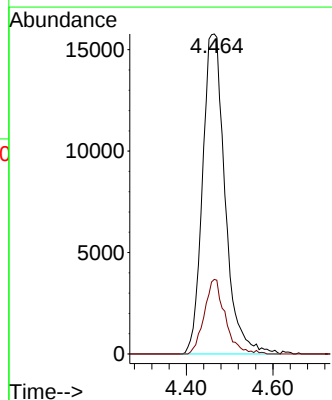
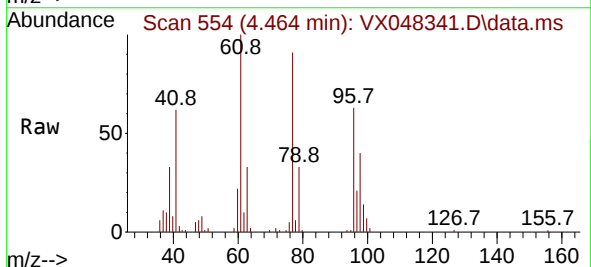
Manual Integrations
APPROVED

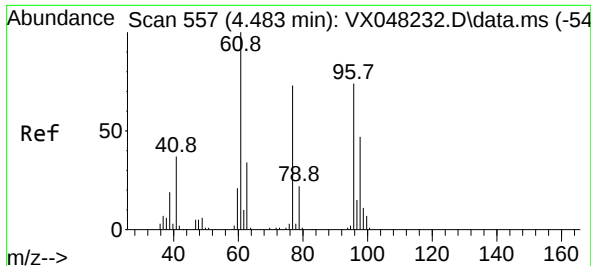
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 20.530 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 77 Resp: 56864
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.955 ug/l

RT: 4.476 min Scan# 557

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

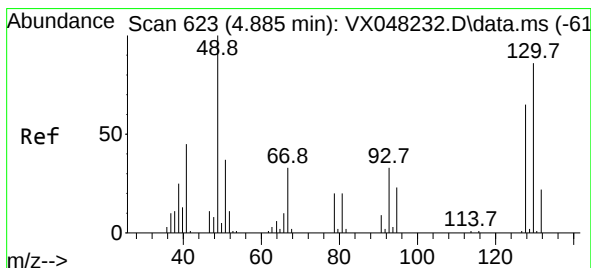
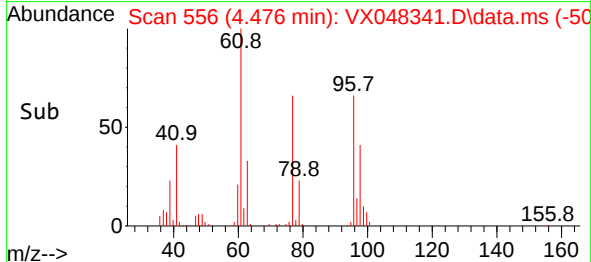
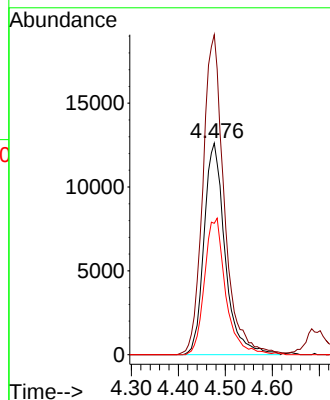
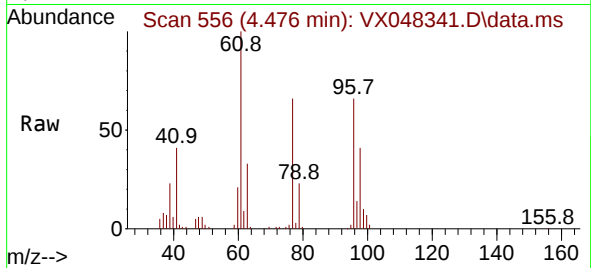
Tgt Ion:	96	Resp:	39200
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	294.2
98	64.7	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 21.261 ug/l

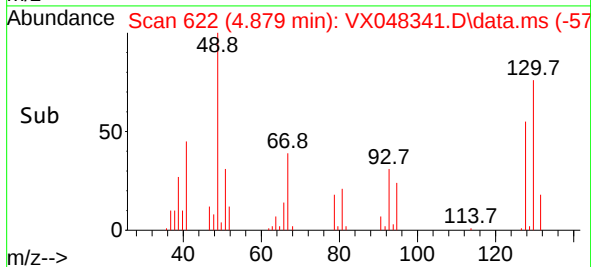
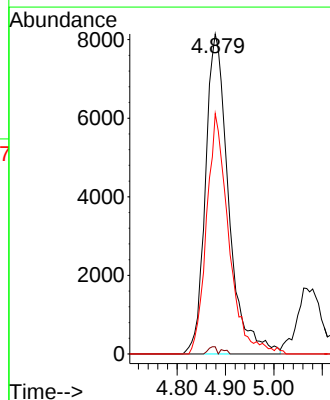
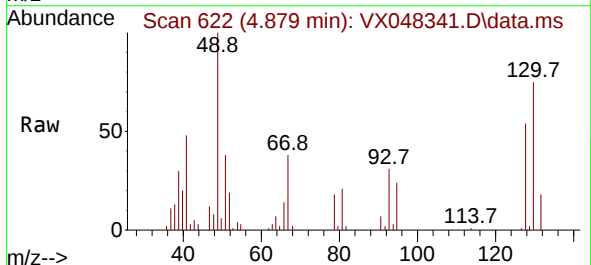
RT: 4.879 min Scan# 622

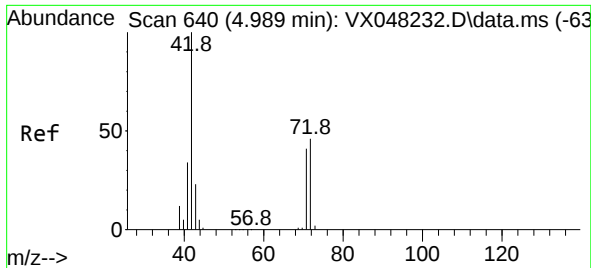
Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion:	49	Resp:	27053
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.4
130	71.8	59.3	88.9





#29

Tetrahydrofuran

Concen: 97.222 ug/l

RT: 4.982 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 42 Resp: 5174

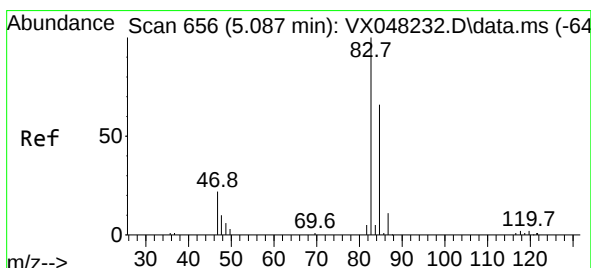
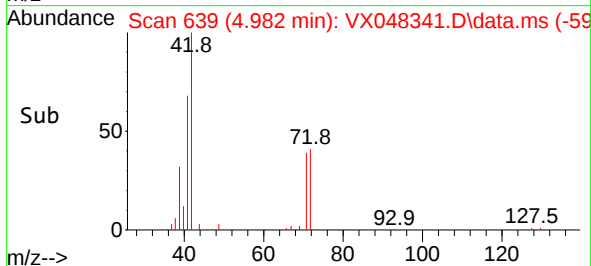
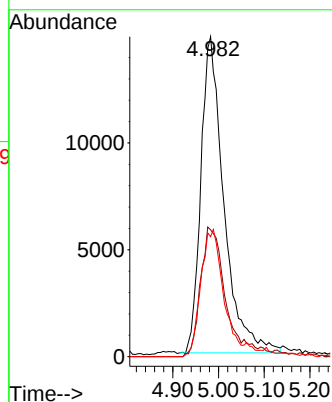
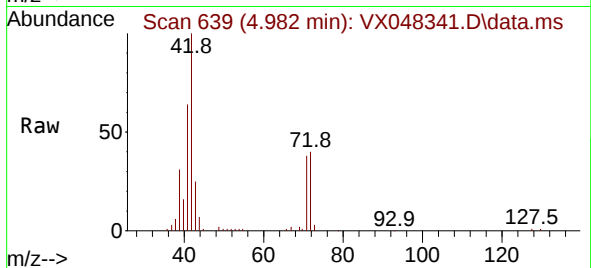
Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.3	52.9
71	39.6	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 20.797 ug/l

RT: 5.074 min Scan# 654

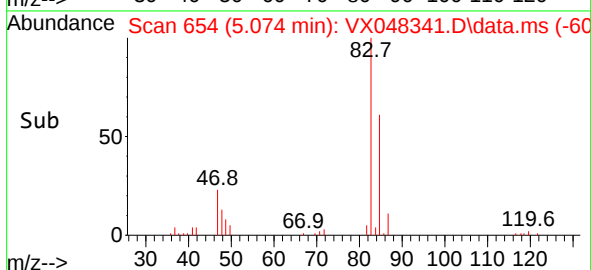
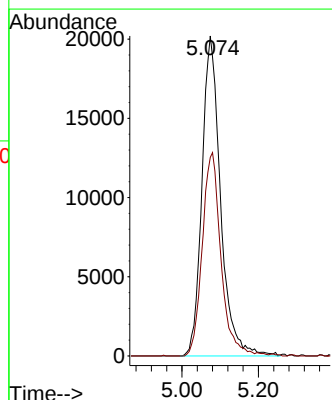
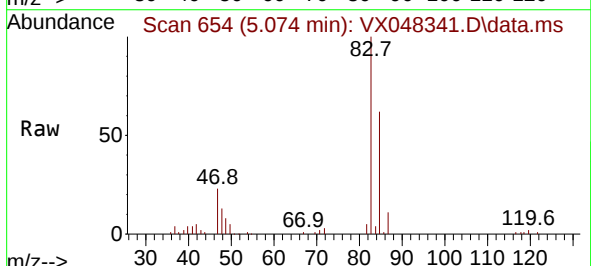
Delta R.T. -0.007 min

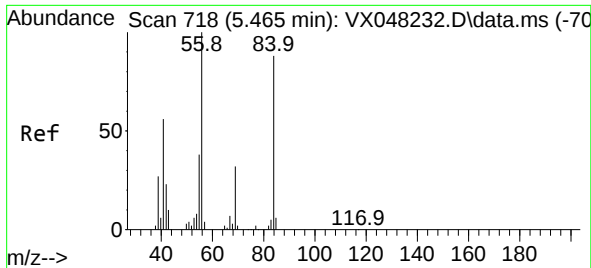
Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion: 83 Resp: 68186

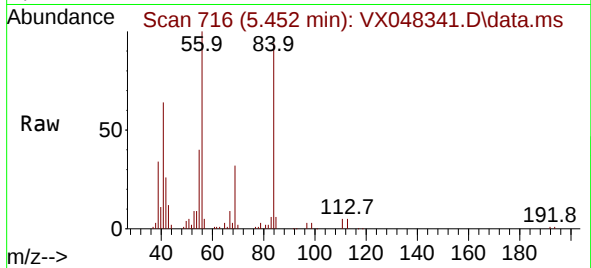
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.1	75.1





#31
Cyclohexane
Concen: 22.616 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

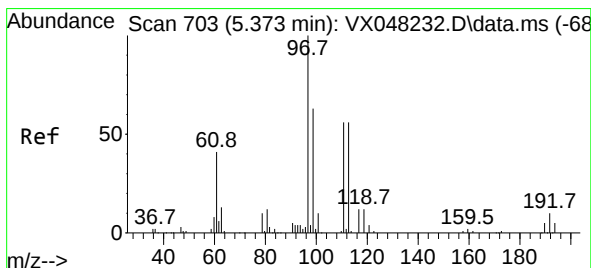
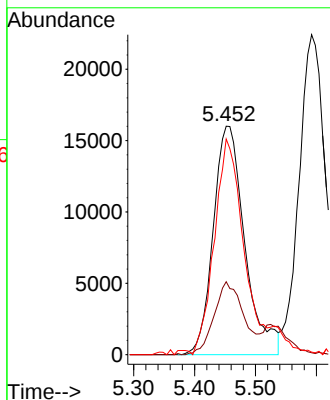
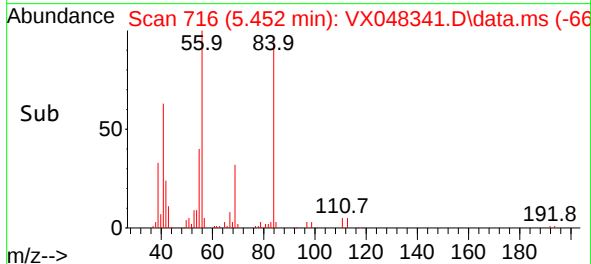
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 56 Resp: 57458
Ion Ratio Lower Upper
56 100
69 31.5 23.0 34.6
84 92.6 64.6 97.0

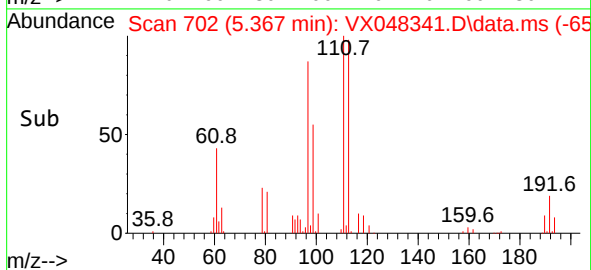
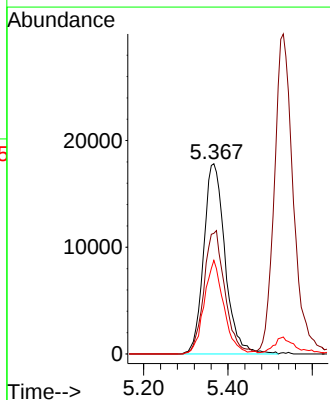
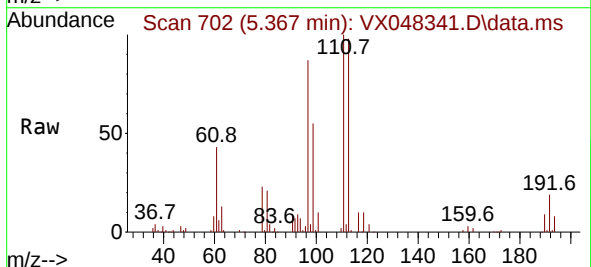
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 20.816 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 97 Resp: 62899
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 45.0 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 51.275 ug/l

RT: 5.933 min Scan# 795

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 65 Resp: 10494

Ion Ratio Lower Upper

65 100

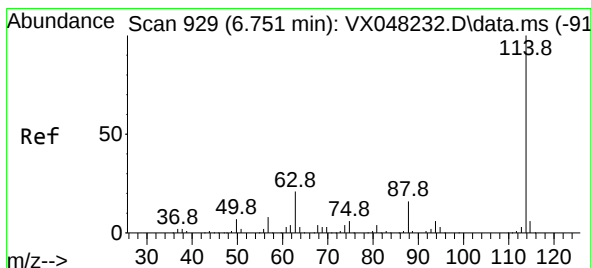
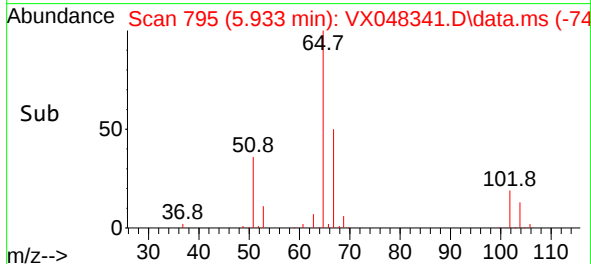
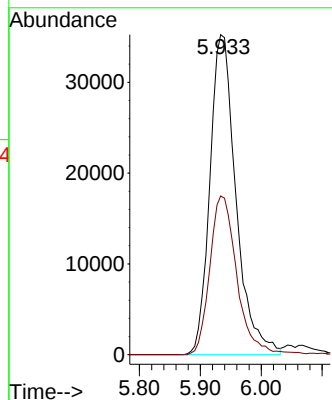
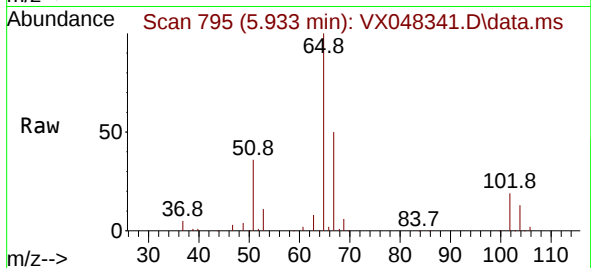
67 51.5 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.744 min Scan# 928

Delta R.T. -0.001 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

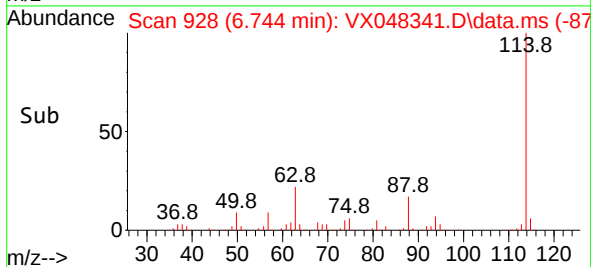
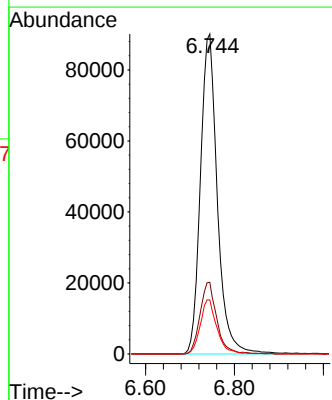
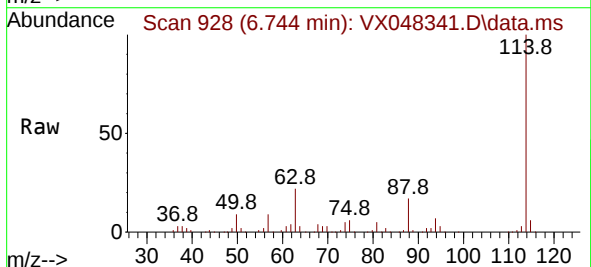
Tgt Ion:114 Resp: 238661

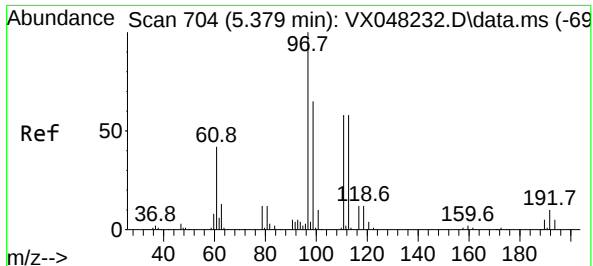
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 41.564 ug/l

RT: 5.367 min Scan# 704

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion:113 Resp: 6772

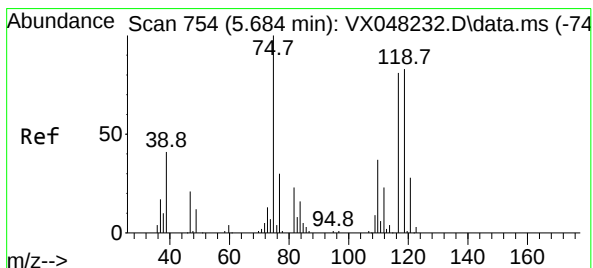
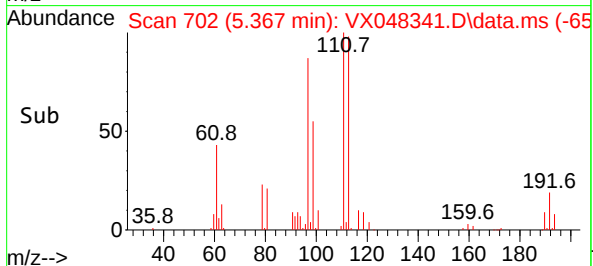
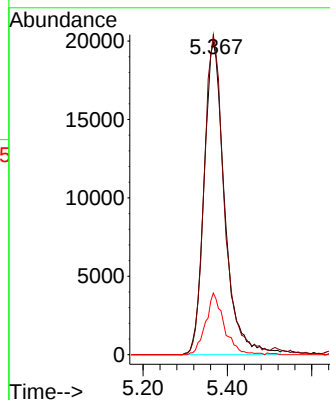
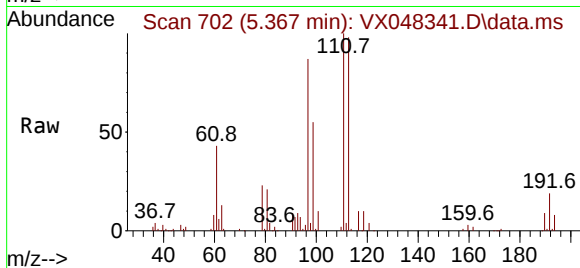
Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.2	123.4
192	17.8	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#36

1,1-Dichloropropene

Concen: 19.958 ug/l

RT: 5.677 min Scan# 753

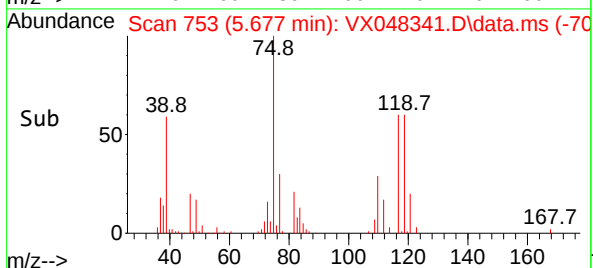
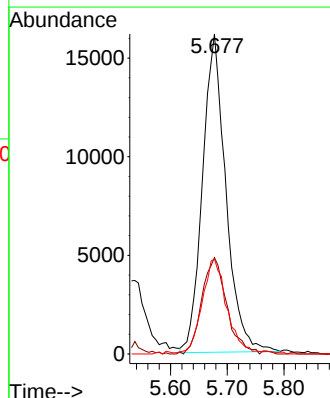
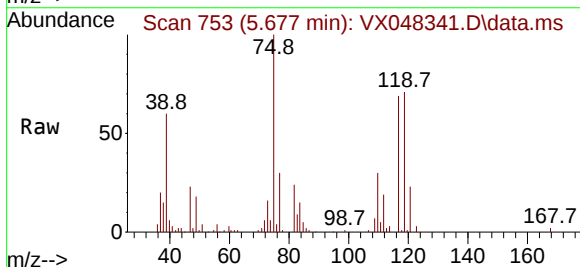
Delta R.T. -0.007 min

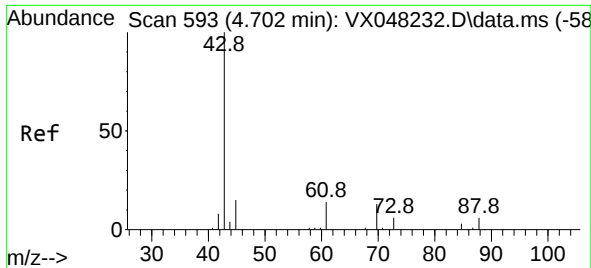
Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 46219

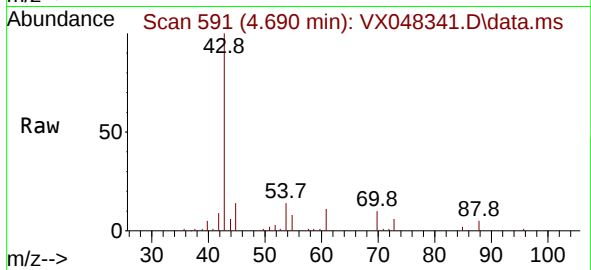
Ion	Ratio	Lower	Upper
75	100		
110	32.2	17.7	53.1
77	32.0	24.3	36.5





#37
Ethyl Acetate
Concen: 21.391 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

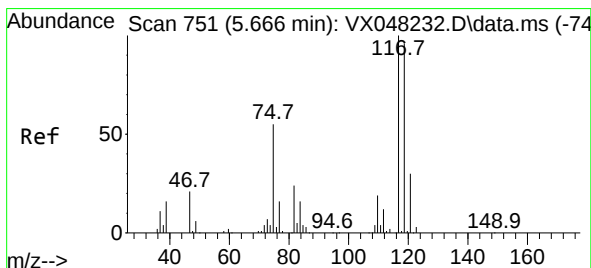
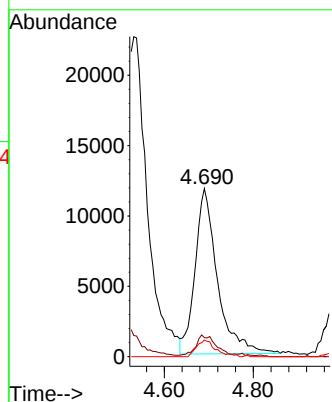
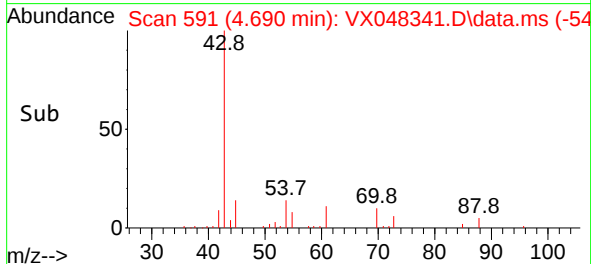
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 43 Resp: 4106
Ion Ratio Lower Upper
43 100
61 10.3 10.6 15.8
70 8.6 7.8 11.6

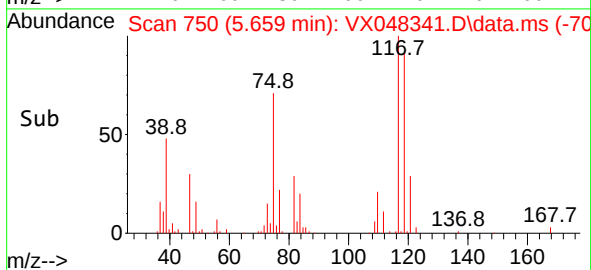
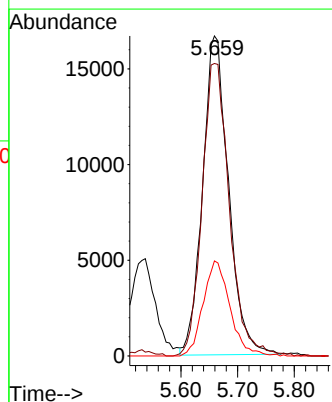
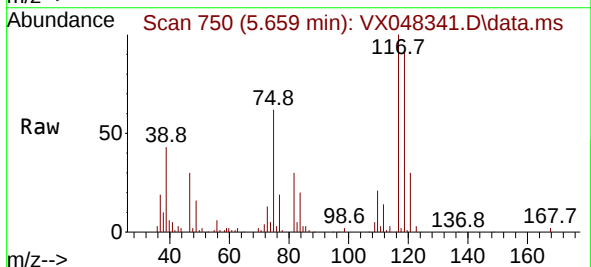
Manual Integrations
APPROVED

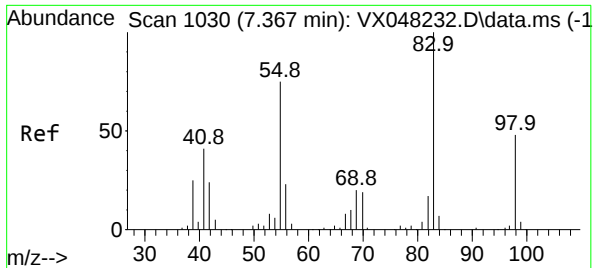
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 18.522 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

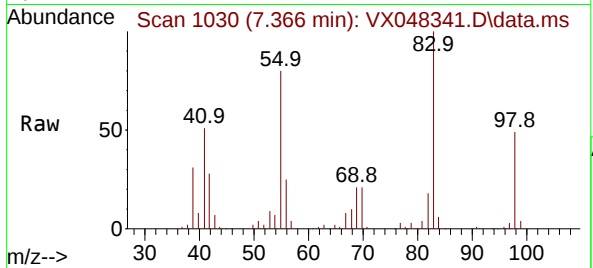
Tgt Ion:117 Resp: 52919
Ion Ratio Lower Upper
117 100
119 91.2 77.2 115.8
121 29.8 24.8 37.2





#39
Methylcyclohexane
Concen: 20.823 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

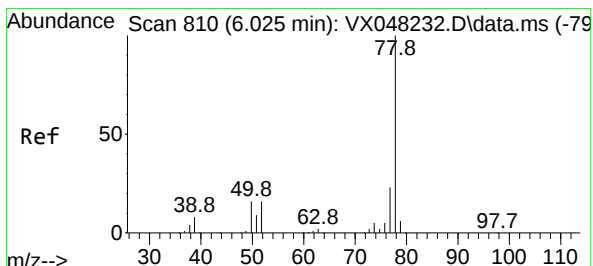
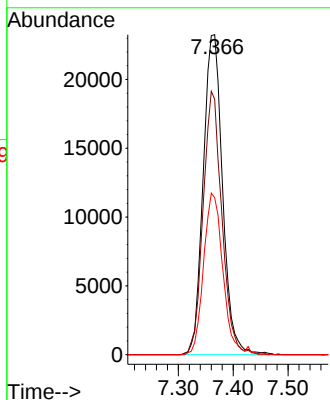
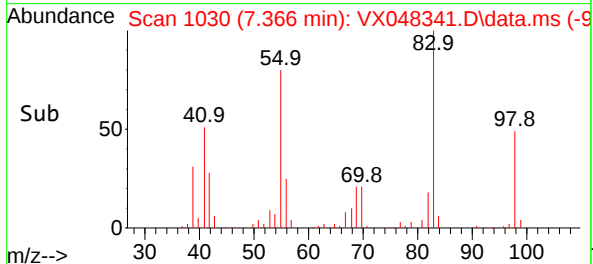
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 83 Resp: 56949
Ion Ratio Lower Upper
83 100
55 79.8 66.2 99.2
98 49.1 38.9 58.3

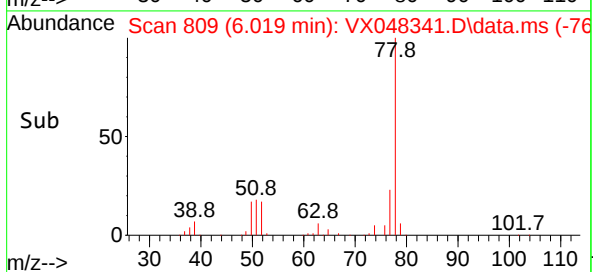
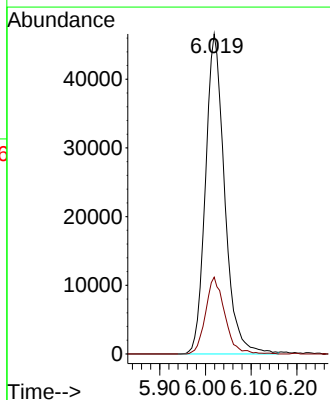
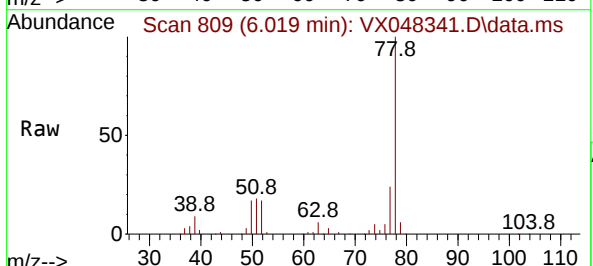
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 20.165 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

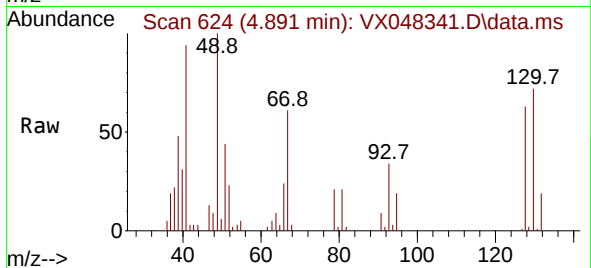
Tgt Ion: 78 Resp: 135581
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 20.817 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

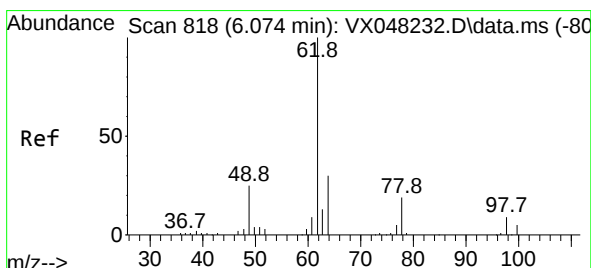
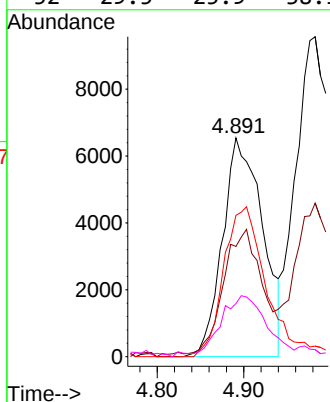
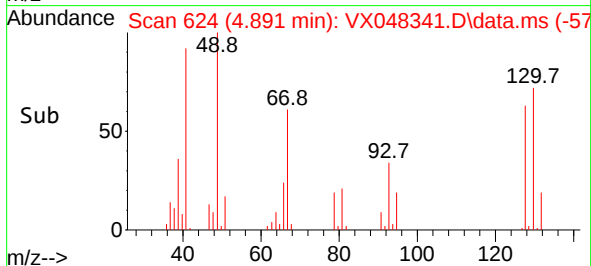
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 41 Resp: 20984
Ion Ratio Lower Upper
41 100
39 53.4 44.0 66.0
67 73.4 58.7 88.1
52 29.5 25.9 38.9

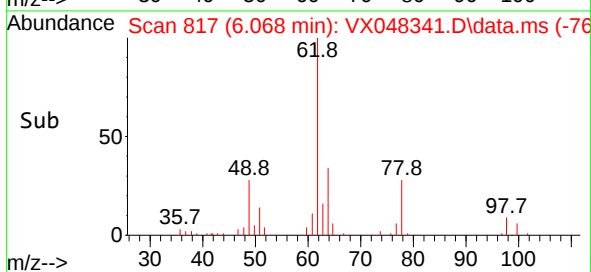
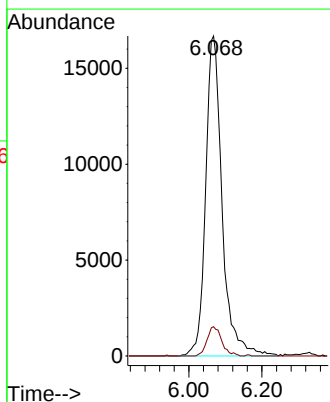
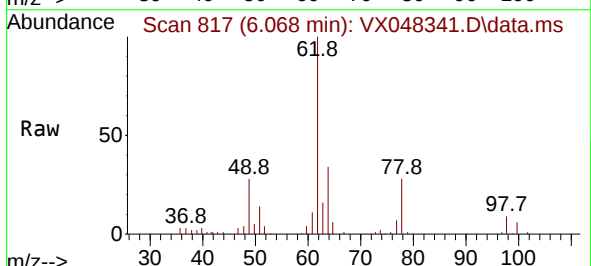
Manual Integrations
APPROVED

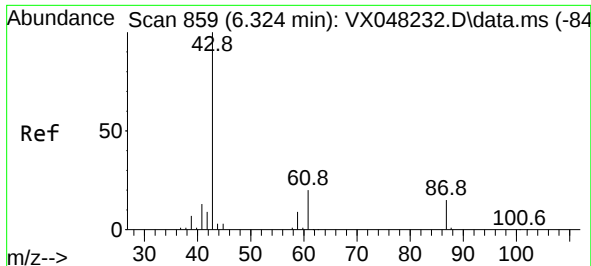
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 20.965 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

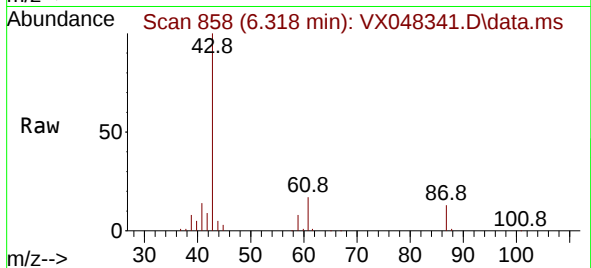
Tgt Ion: 62 Resp: 52014
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.2





#43
Isopropyl Acetate
Concen: 21.807 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

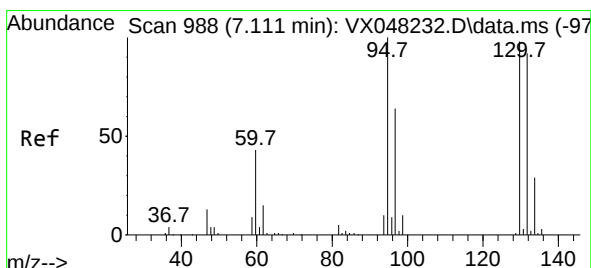
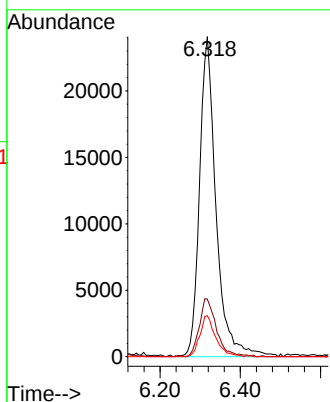
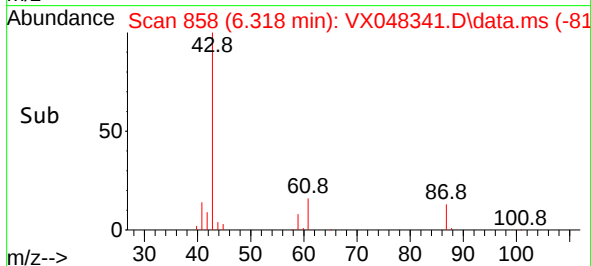
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 43 Resp: 68750
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 12.3 9.4 14.2

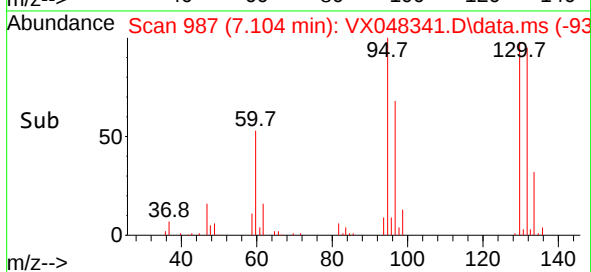
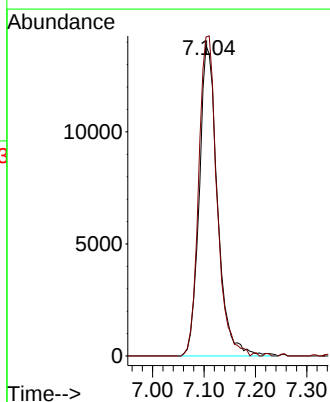
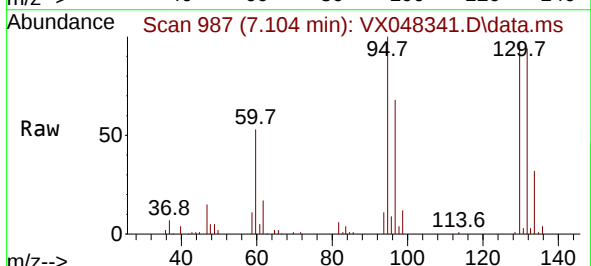
Manual Integrations
APPROVED

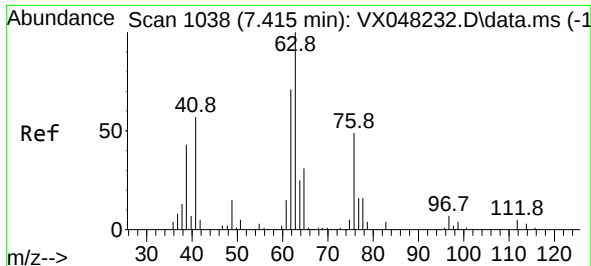
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 19.247 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:130 Resp: 34170
Ion Ratio Lower Upper
130 100
95 102.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 20.781 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 63 Resp: 33220

Ion Ratio Lower Upper

63 100

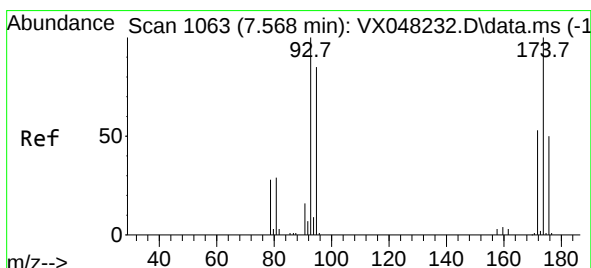
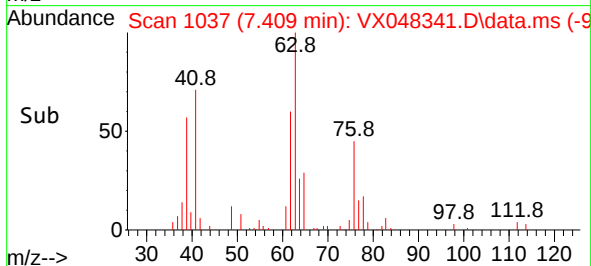
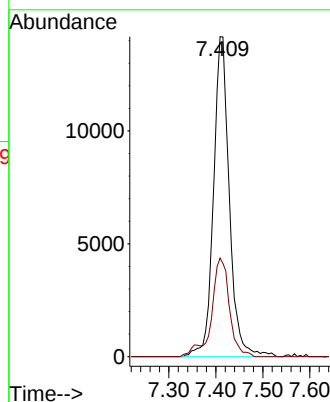
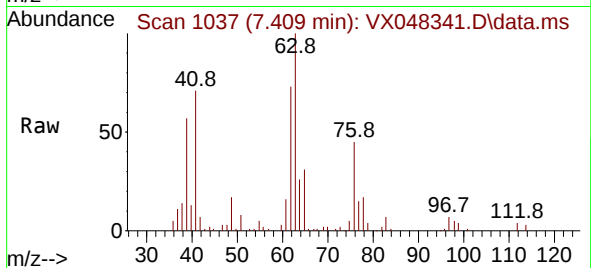
65 30.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 19.873 ug/l

RT: 7.561 min Scan# 1062

Delta R.T. -0.007 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

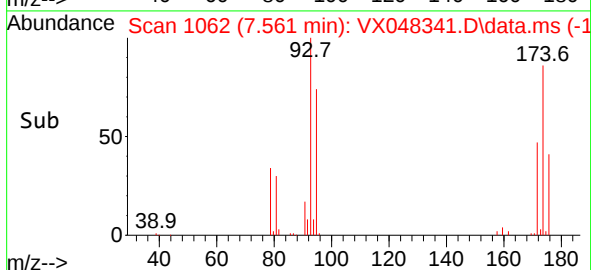
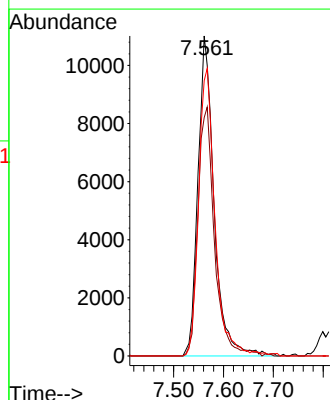
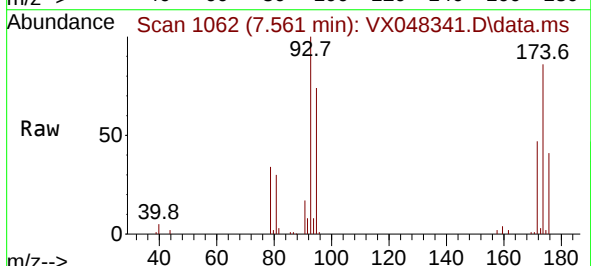
Tgt Ion: 93 Resp: 24750

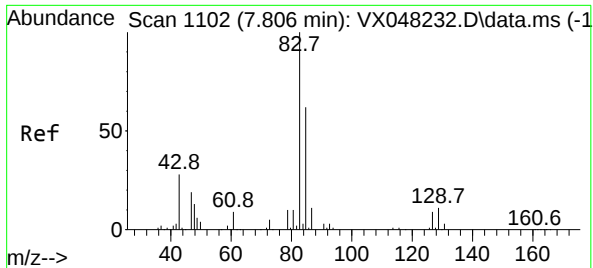
Ion Ratio Lower Upper

93 100

95 80.1 65.9 98.9

174 91.2 71.7 107.5





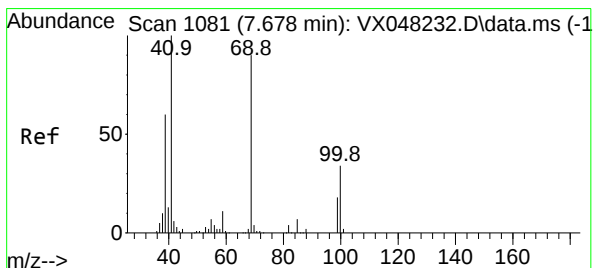
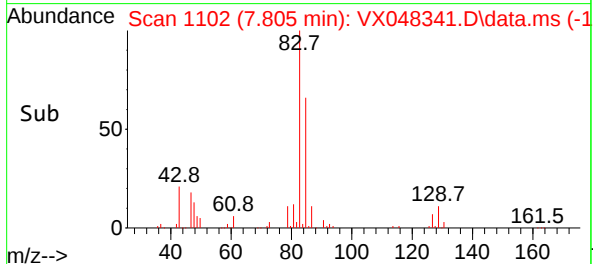
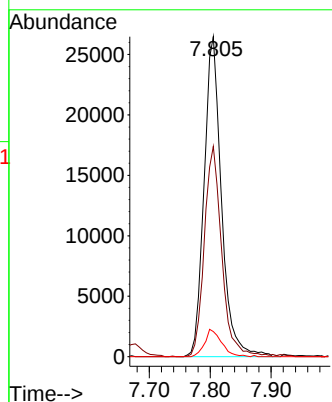
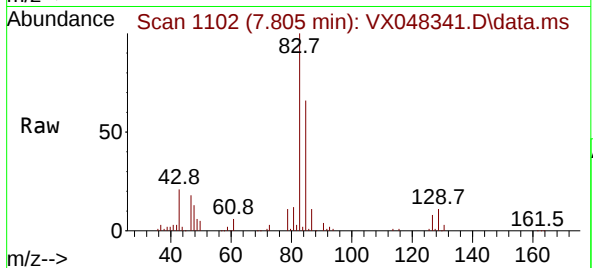
#47
Bromodichloromethane
Concen: 19.571 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion: 83 Resp: 52628
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.4
127 7.8 7.3 10.9

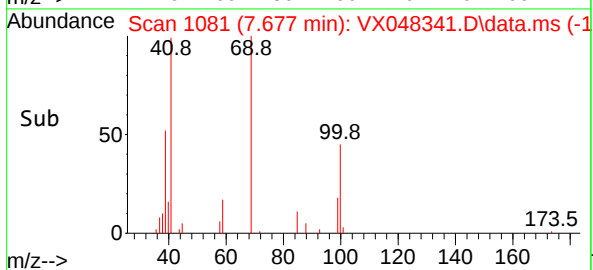
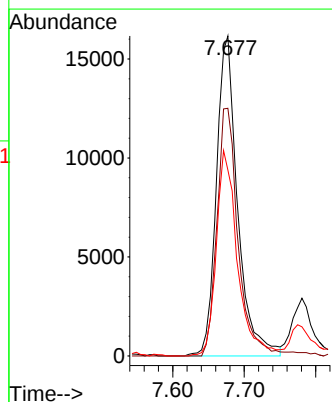
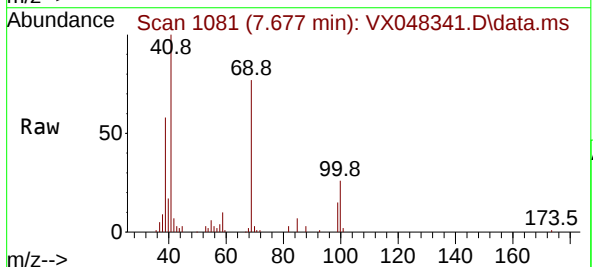
Manual Integrations
APPROVED

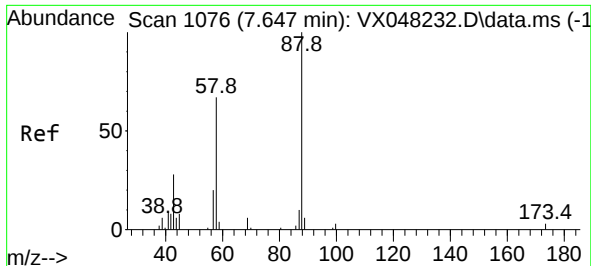
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 20.939 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

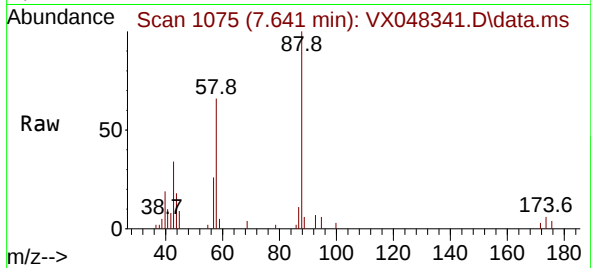
Tgt Ion: 41 Resp: 33315
Ion Ratio Lower Upper
41 100
69 78.2 63.4 95.0
39 64.2 47.1 70.7





#49
1,4-Dioxane
Concen: 341.585 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

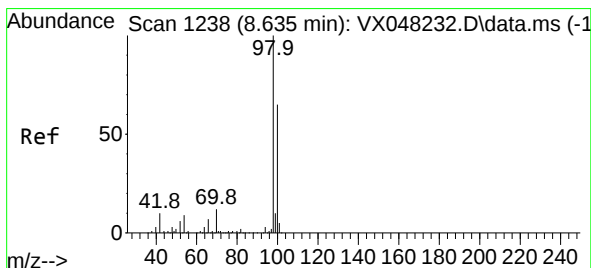
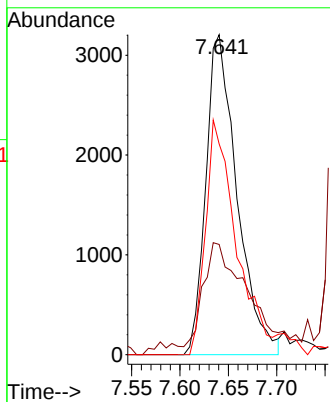
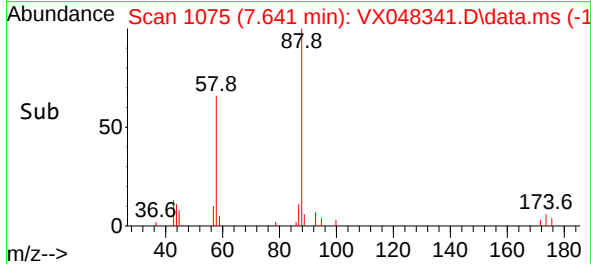
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 88 Resp: 7180
Ion Ratio Lower Upper
88 100
43 44.0 35.0 52.4
58 72.1 61.9 92.9

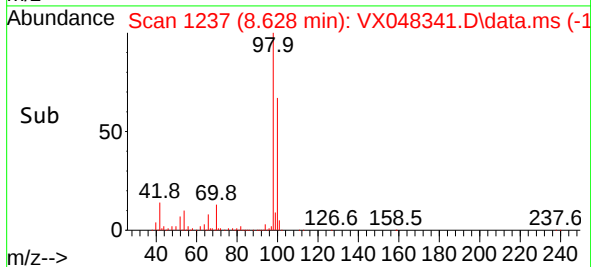
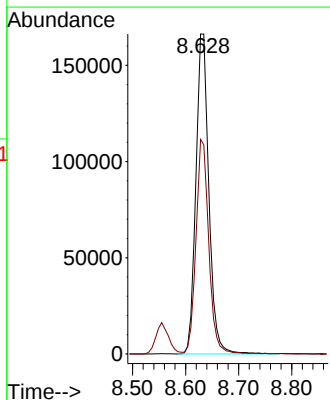
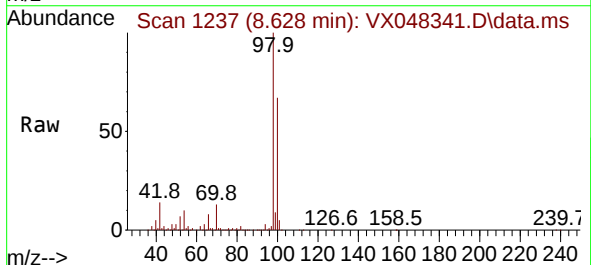
Manual Integrations
APPROVED

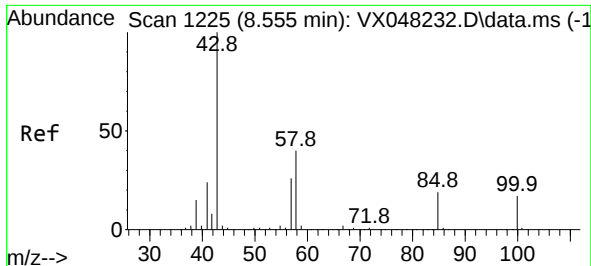
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#50
Toluene-d8
Concen: 49.629 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

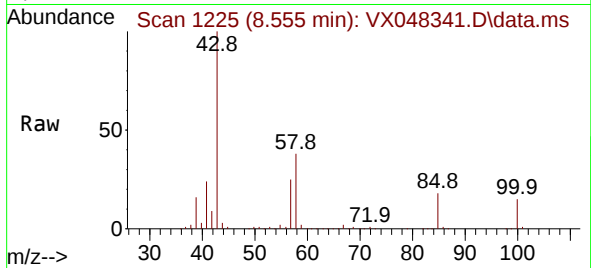
Tgt Ion: 98 Resp: 283427
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 104.240 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

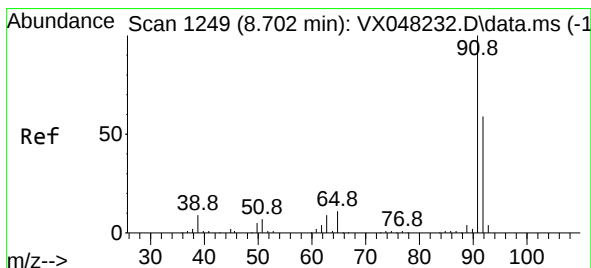
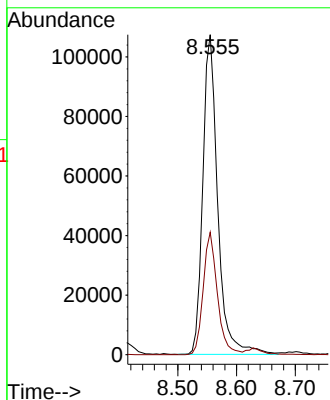
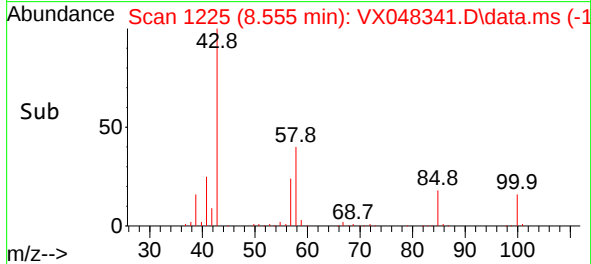
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 43 Resp: 189499
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3

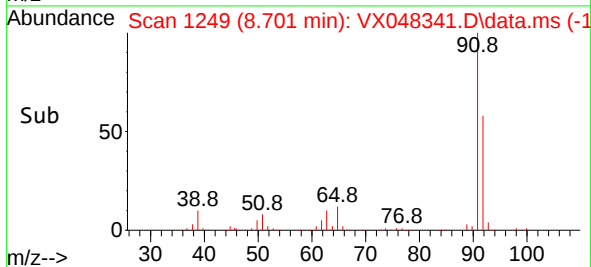
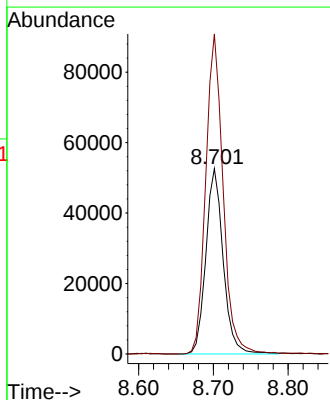
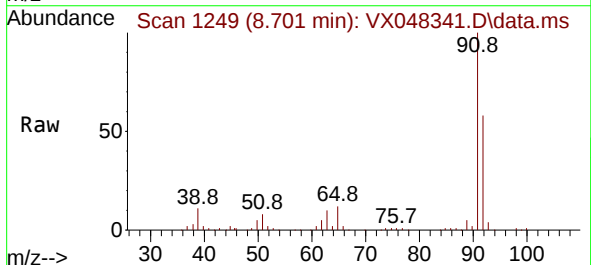
Manual Integrations
APPROVED

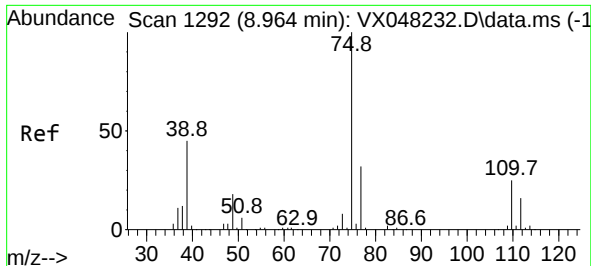
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 19.859 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 92 Resp: 84824
Ion Ratio Lower Upper
92 100
91 173.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.129 ug/l

RT: 8.963 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 75 Resp: 4956

Ion Ratio Lower Upper

75 100

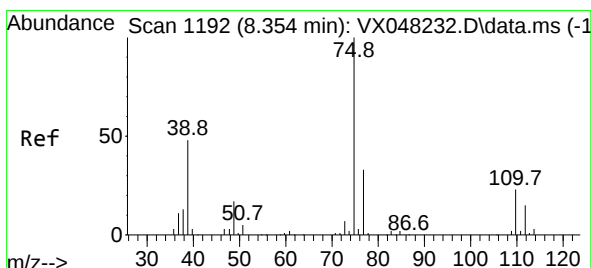
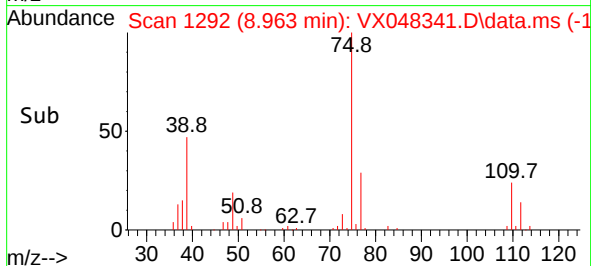
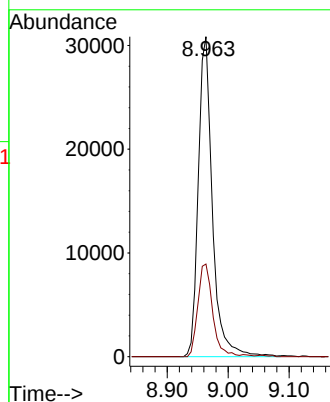
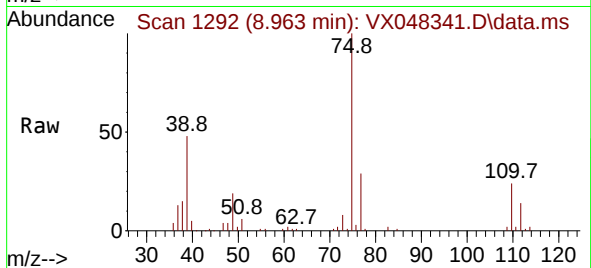
77 28.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#54

cis-1,3-Dichloropropene

Concen: 18.668 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

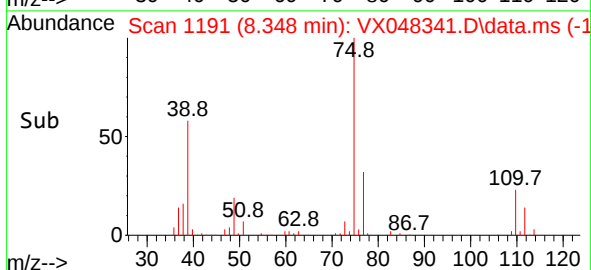
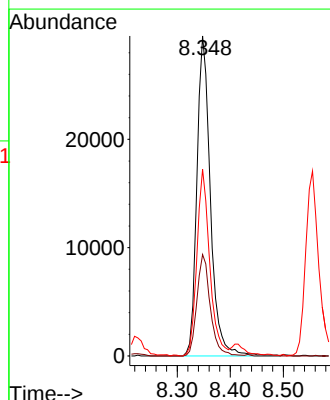
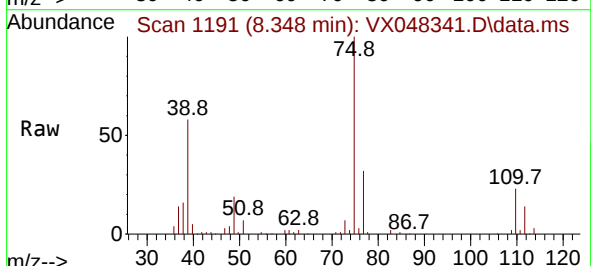
Tgt Ion: 75 Resp: 52191

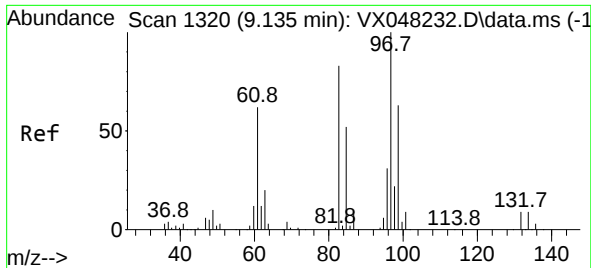
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 58.2 42.6 64.0





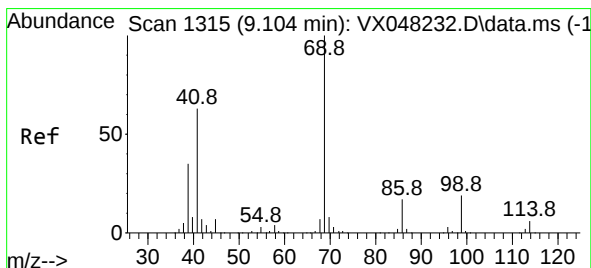
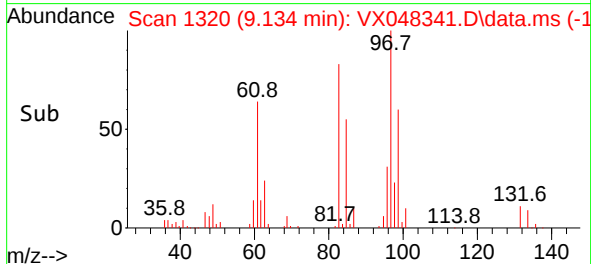
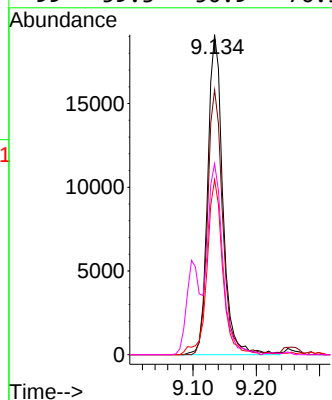
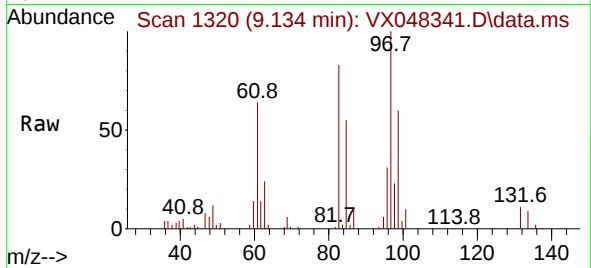
#55
1,1,2-Trichloroethane
Concen: 19.991 ug/l
RT: 9.134 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion: 97	Resp: 3175
Ion Ratio	Lower Upper
97 100	
83 82.8	70.6 105.8
85 54.7	45.0 67.6
99 59.3	50.9 76.3

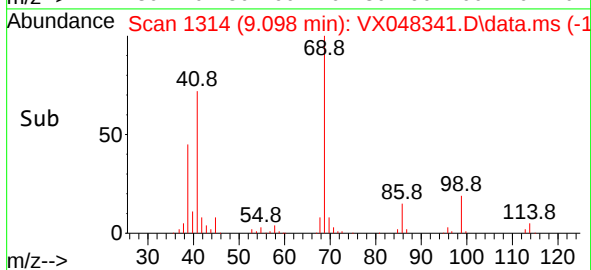
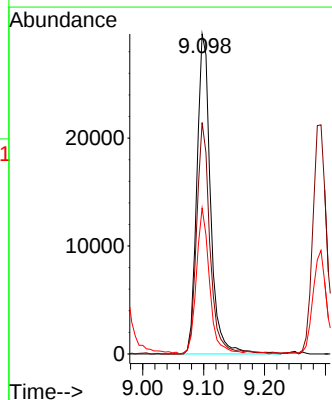
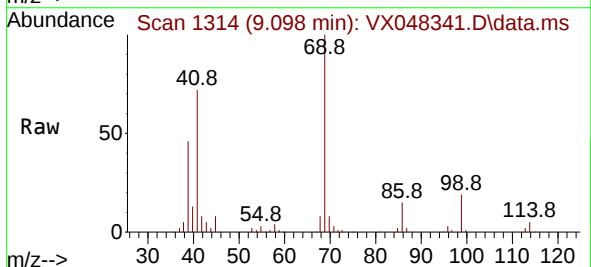
Manual Integrations
APPROVED

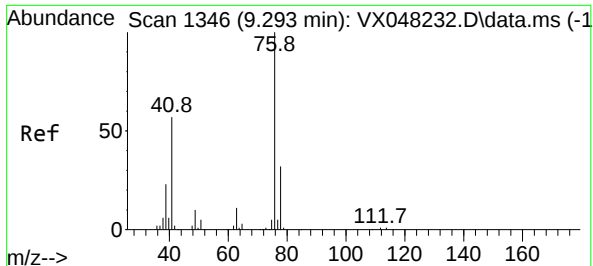
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#56
Ethyl methacrylate
Concen: 19.789 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 69	Resp: 45976
Ion Ratio	Lower Upper
69 100	
41 71.0	56.0 84.0
39 44.1	31.6 47.4





#57

1,3-Dichloropropane

Concen: 19.729 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 76 Resp: 53530

Ion Ratio Lower Upper

76 100

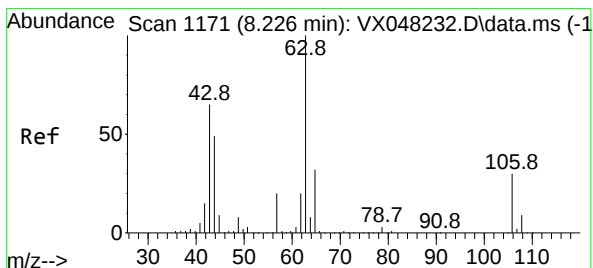
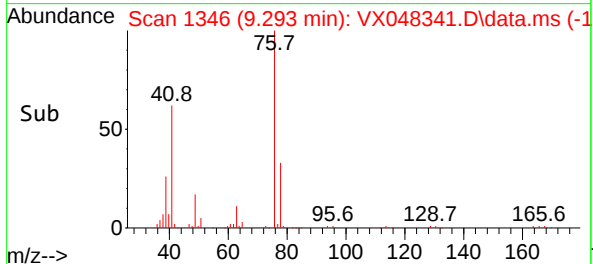
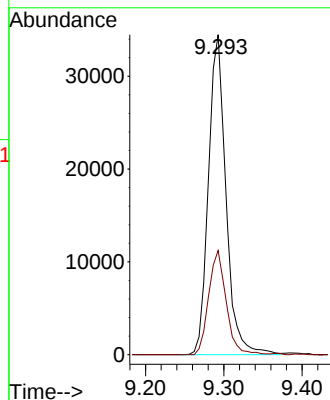
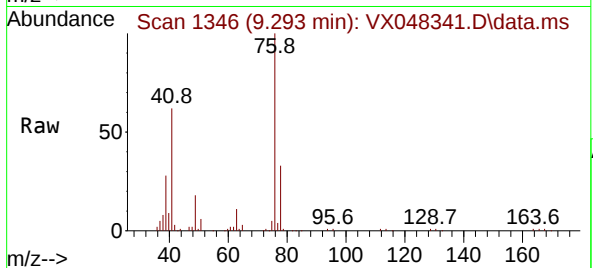
78 32.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.012 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048341.D

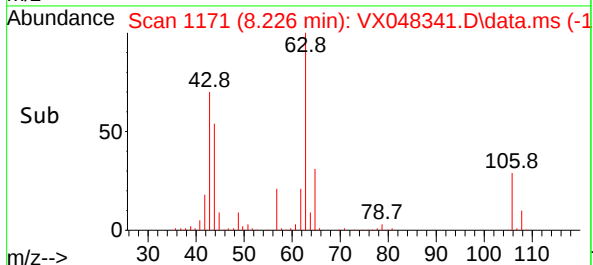
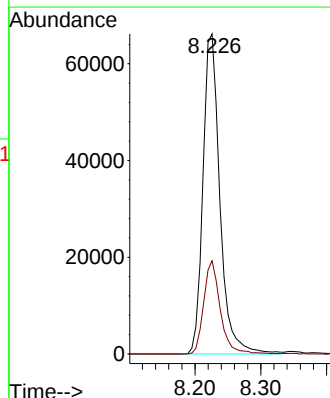
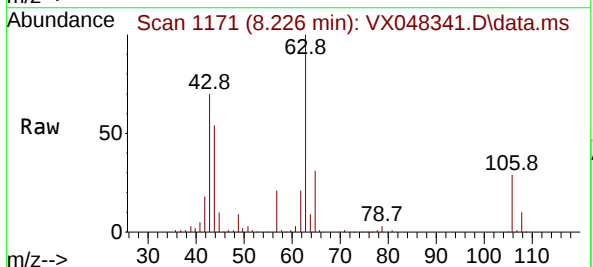
Acq: 24 Oct 2025 10:15

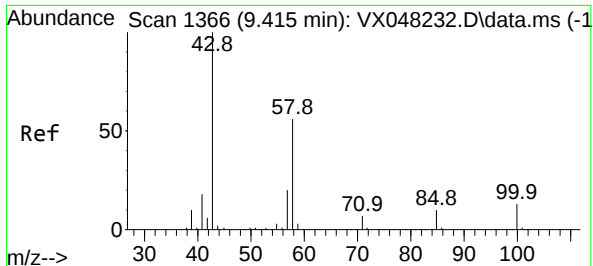
Tgt Ion: 63 Resp: 118629

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2





#59

2-Hexanone

Concen: 98.630 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tgt Ion: 43 Resp: 12502

Ion Ratio Lower Upper

43 100

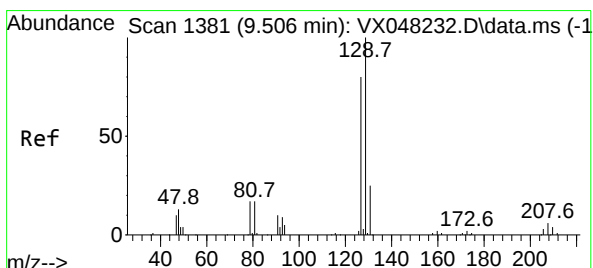
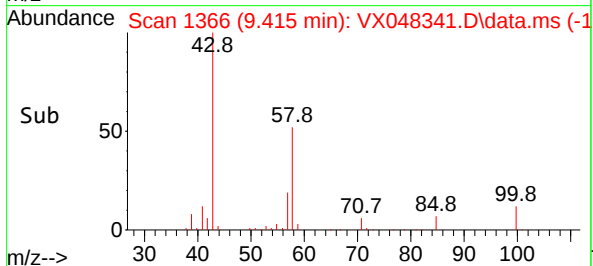
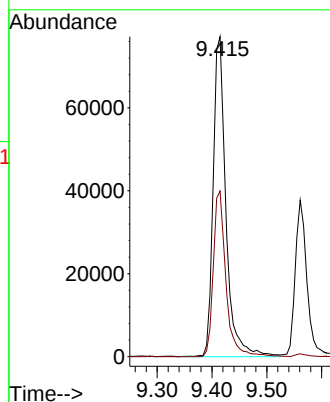
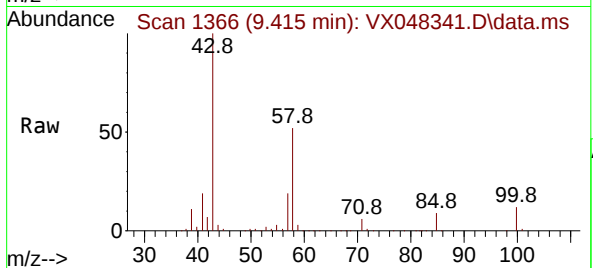
58 51.1 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#60

Dibromochloromethane

Concen: 17.861 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VX048341.D

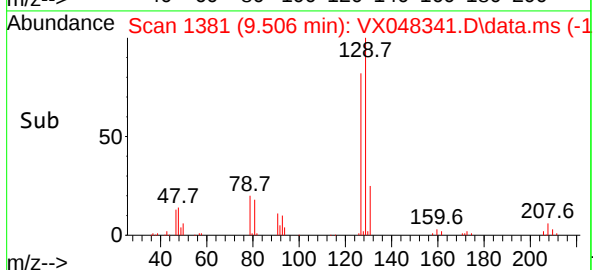
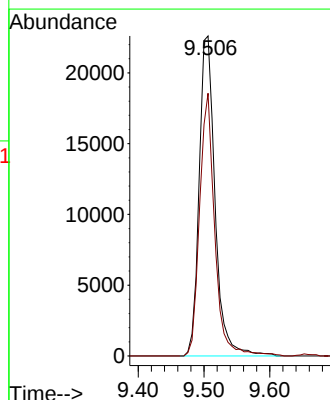
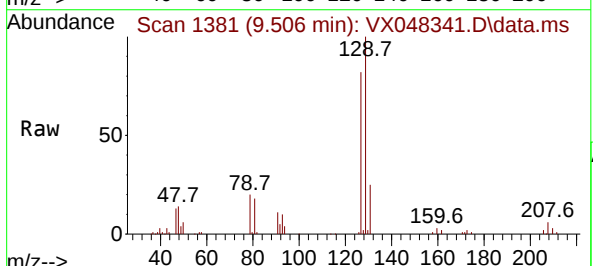
Acq: 24 Oct 2025 10:15

Tgt Ion:129 Resp: 38132

Ion Ratio Lower Upper

129 100

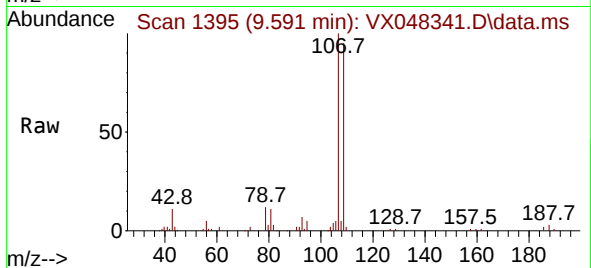
127 78.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.101 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

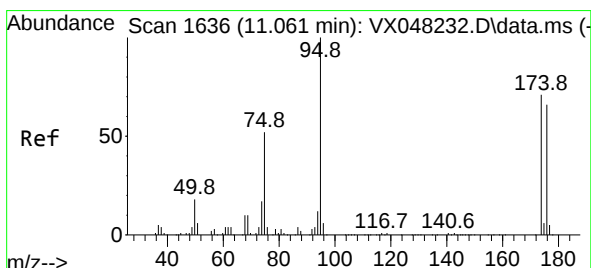
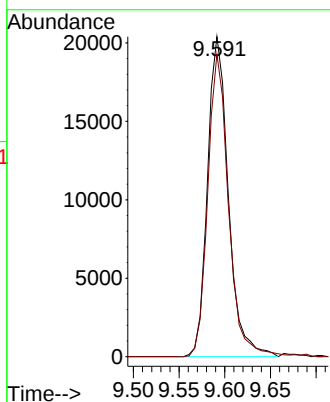
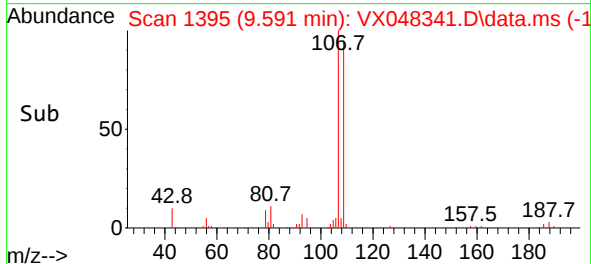
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



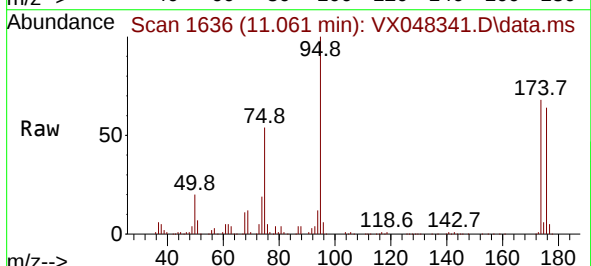
Tgt Ion:107 Resp: 32340
Ion Ratio Lower Upper
107 100
109 93.8 77.0 115.4

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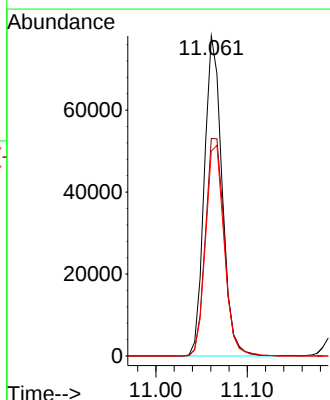
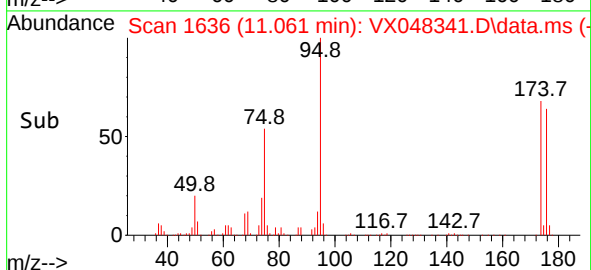
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

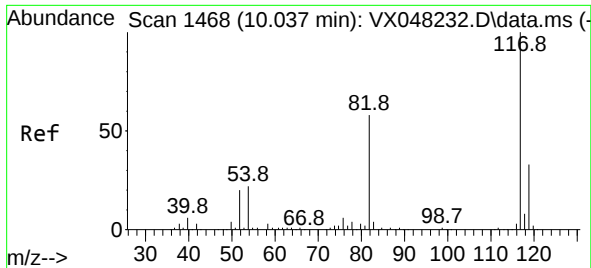


#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



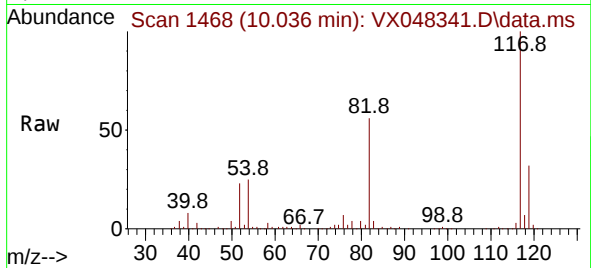
Tgt Ion: 95 Resp: 105010
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.8
176 69.1 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

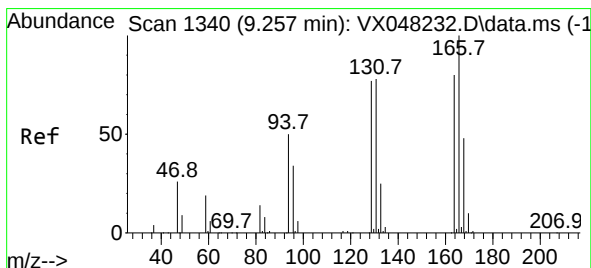
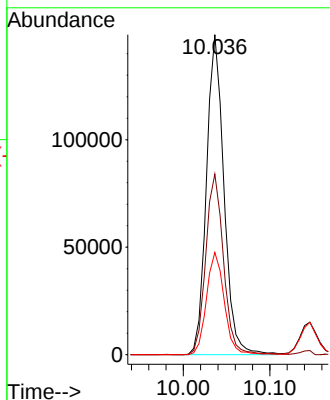
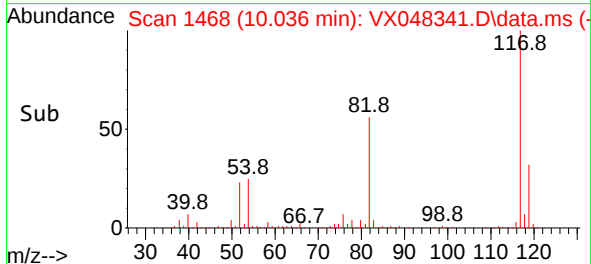
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:117 Resp: 208902
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 32.0 25.9 38.9

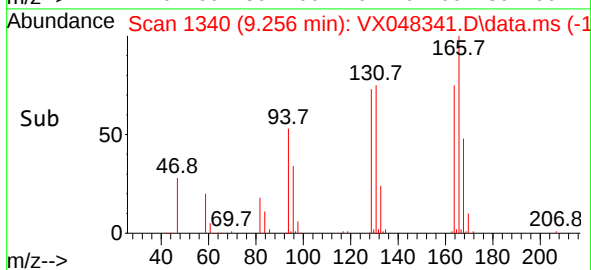
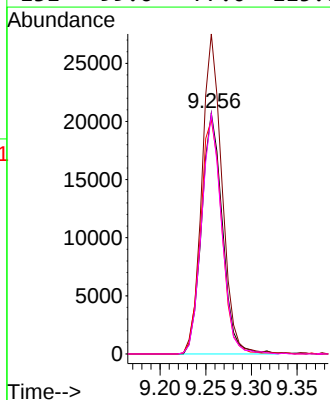
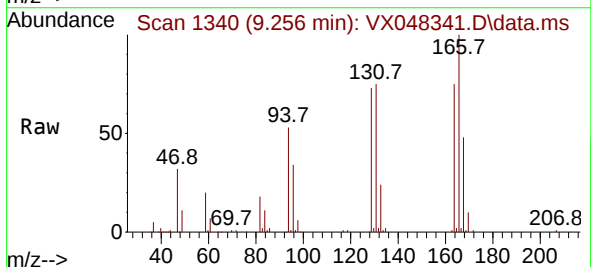
Manual Integrations
APPROVED

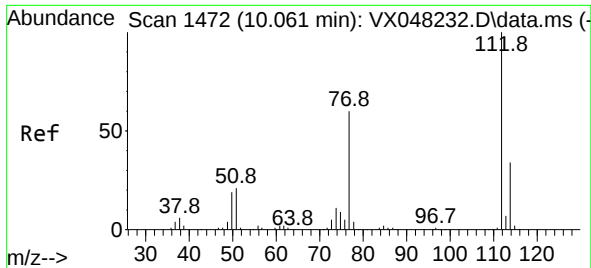
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 20.904 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:164 Resp: 32600
Ion Ratio Lower Upper
164 100
166 132.8 104.5 156.7
129 97.2 81.8 122.6
131 99.6 77.0 115.6





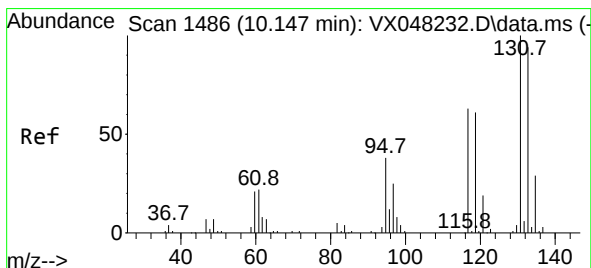
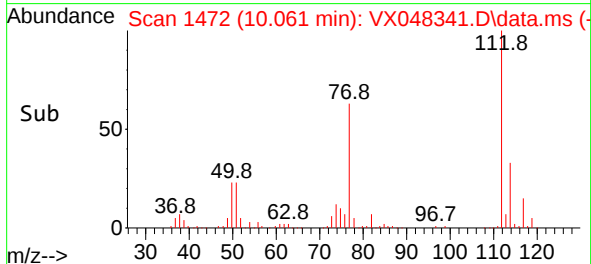
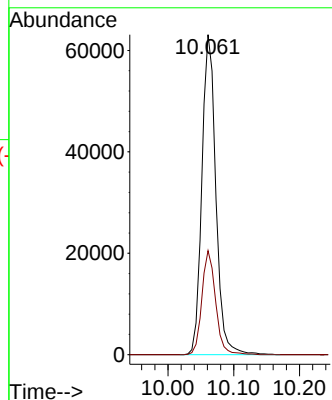
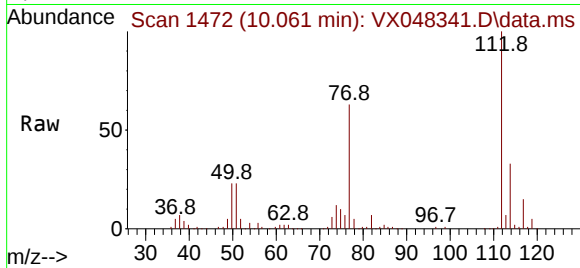
#65
Chlorobenzene
Concen: 19.844 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion:112 Resp: 9325
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

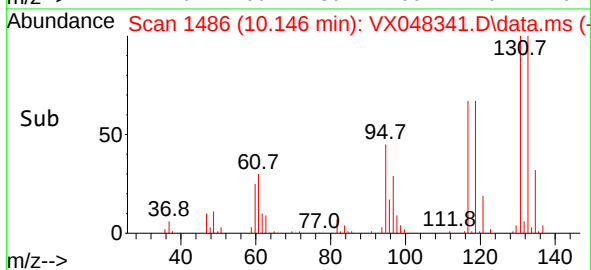
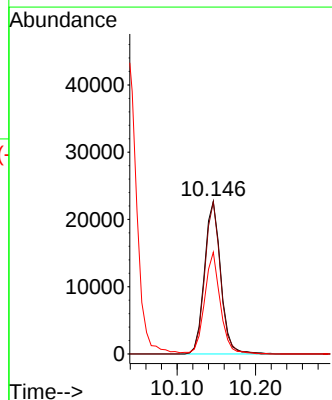
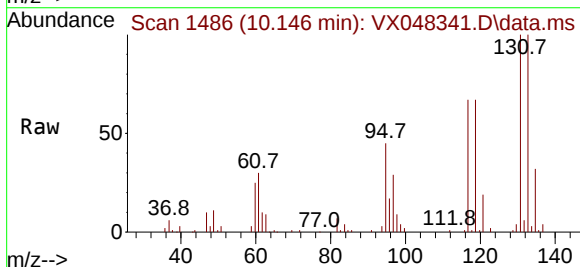
Manual Integrations
APPROVED

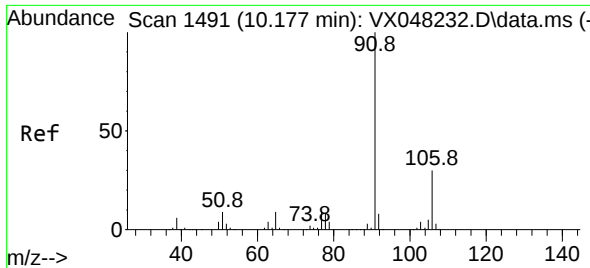
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.993 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

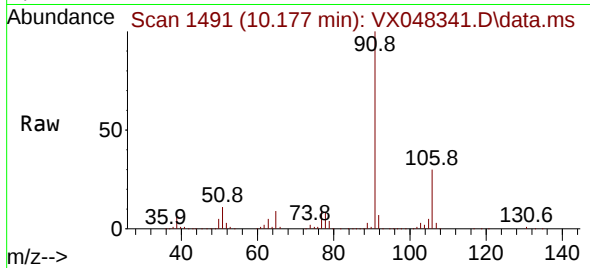
Tgt Ion:131 Resp: 32783
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.8
119 64.4 32.5 97.5





#67
Ethyl Benzene
Concen: 20.471 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

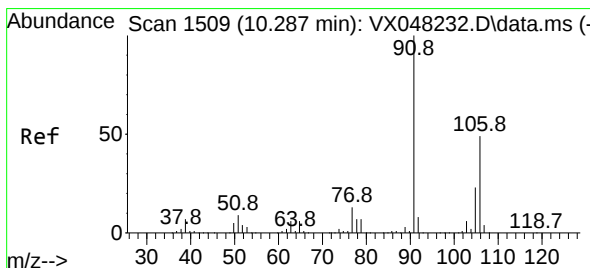
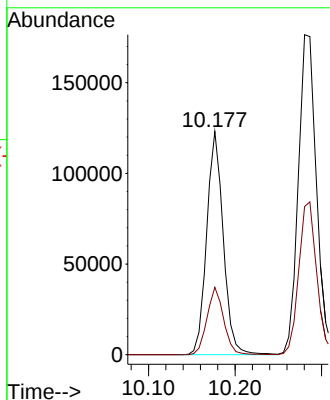
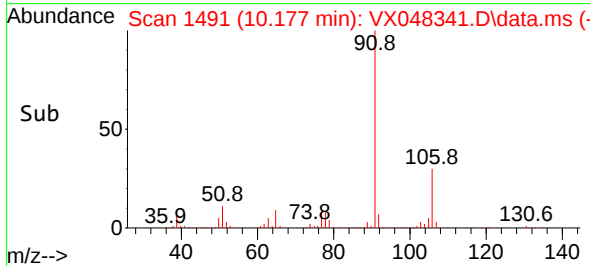
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



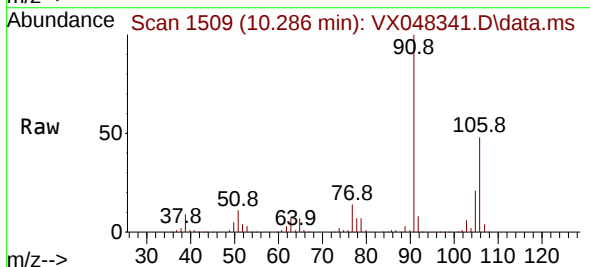
Tgt Ion: 91 Resp: 163780
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

Manual Integrations
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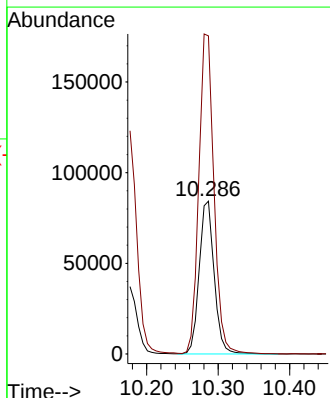
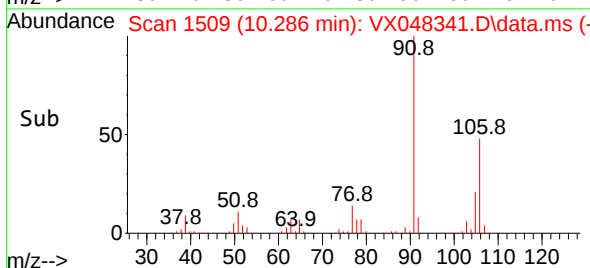
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

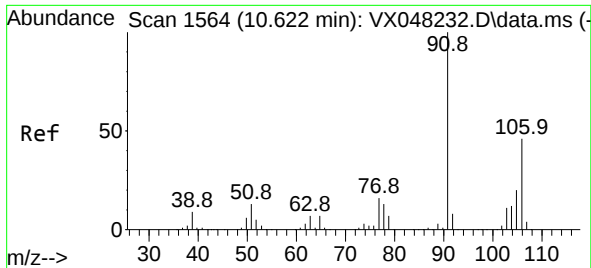


#68
m/p-Xylenes
Concen: 41.221 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



Tgt Ion:106 Resp: 122538
Ion Ratio Lower Upper
106 100
91 211.9 167.9 251.9





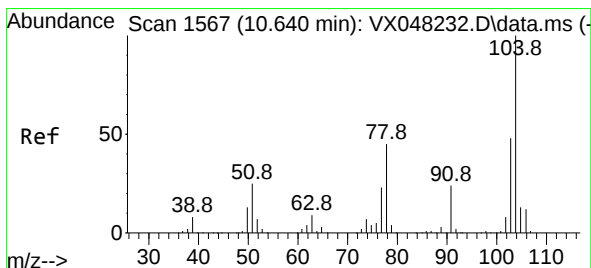
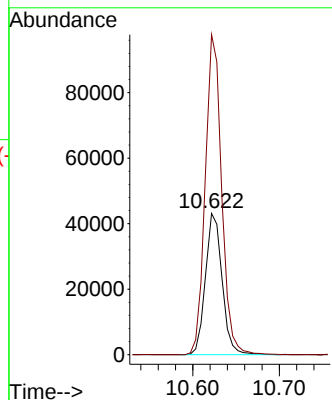
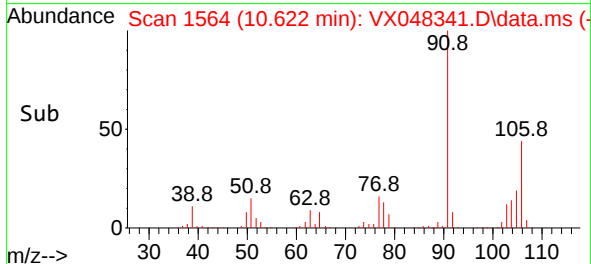
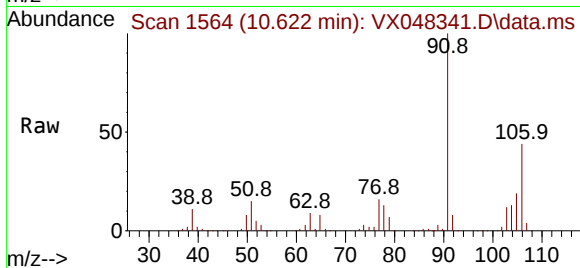
#69
o-Xylene
Concen: 20.085 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion:106 Resp: 5764
Ion Ratio Lower Upper
106 100
91 223.3 111.3 333.9

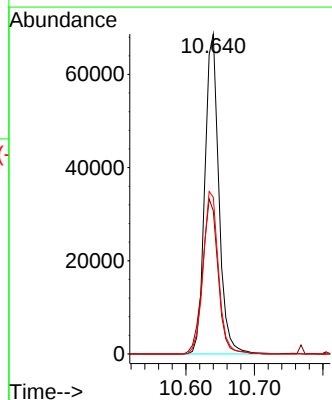
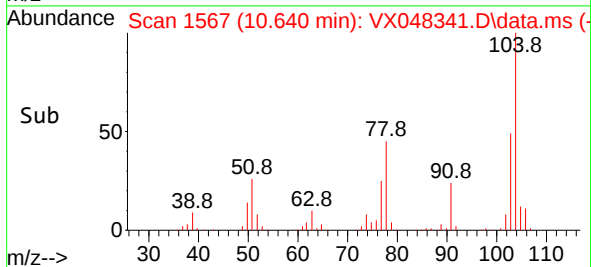
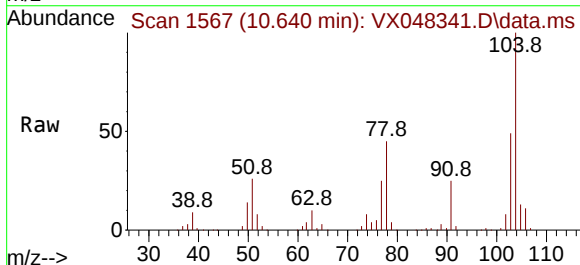
Manual Integrations
APPROVED

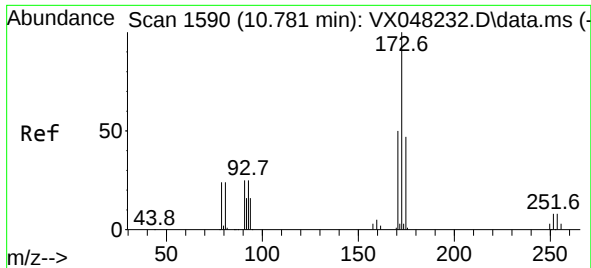
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 20.079 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

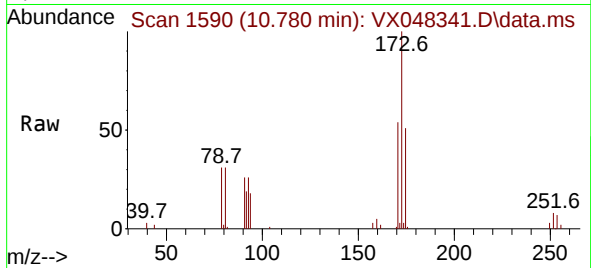
Tgt Ion:104 Resp: 98123
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.4
103 55.4 43.0 64.4





#71
Bromoform
Concen: 16.790 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

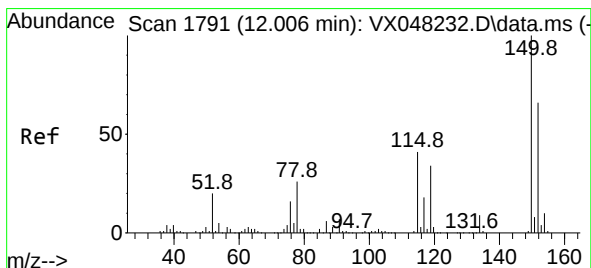
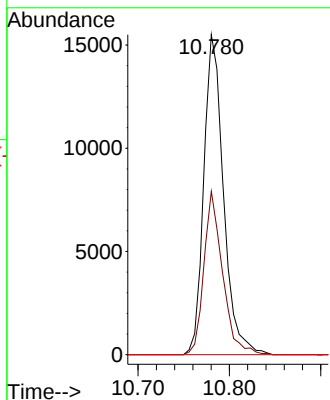
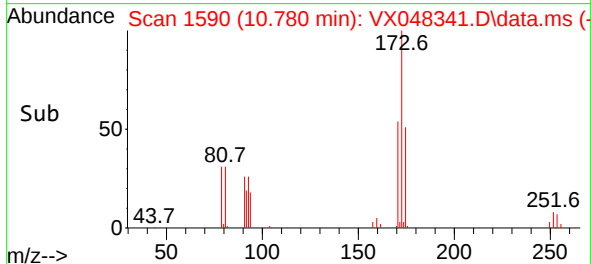
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



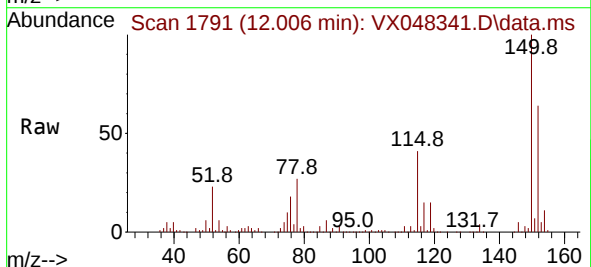
Tgt Ion:173 Resp: 23162
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
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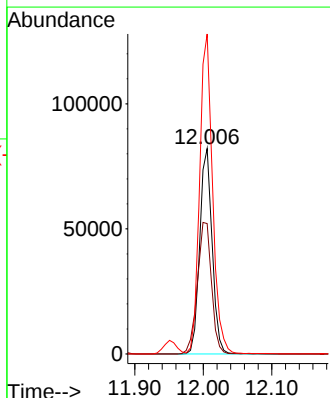
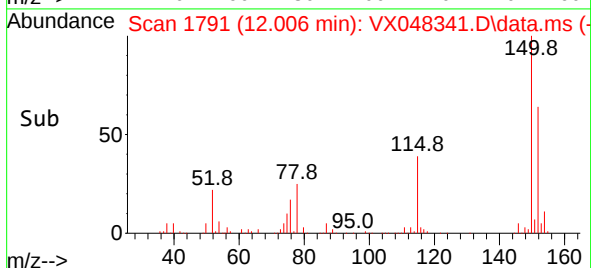
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

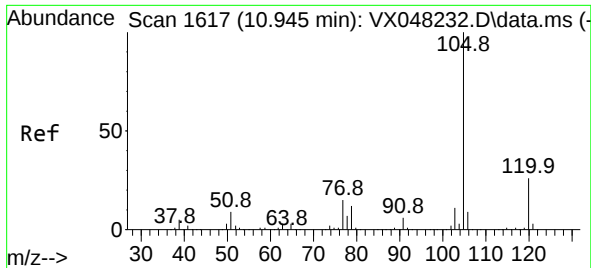


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



Tgt Ion:152 Resp: 103563
Ion Ratio Lower Upper
152 100
115 73.0 43.1 129.4
150 162.2 0.0 353.0





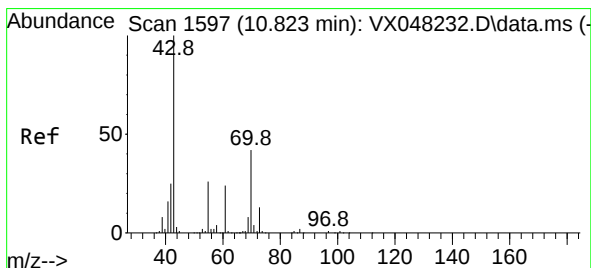
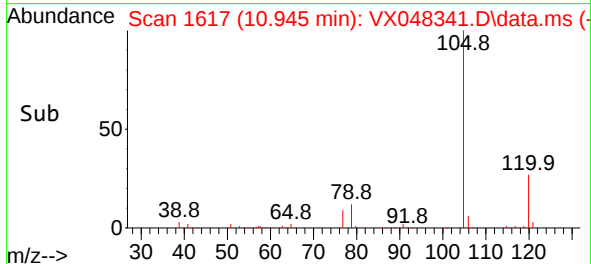
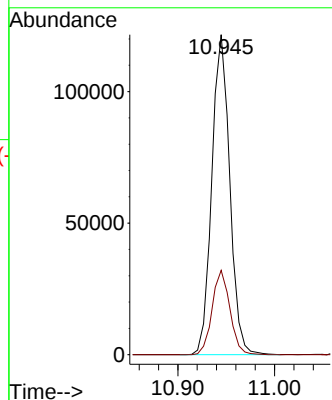
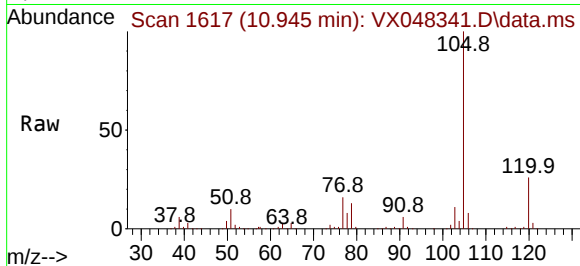
#73
Isopropylbenzene
Concen: 20.669 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion:105 Resp: 156349
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

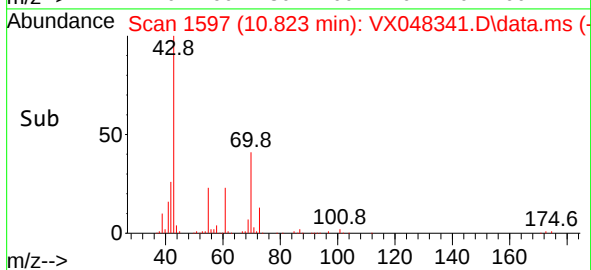
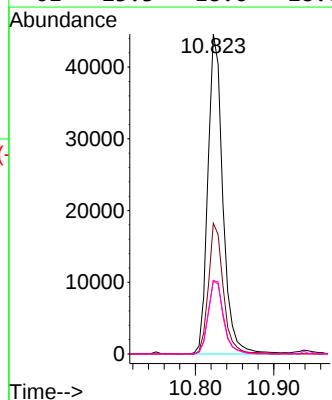
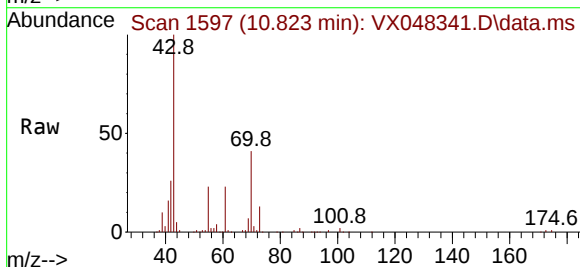
Manual Integrations
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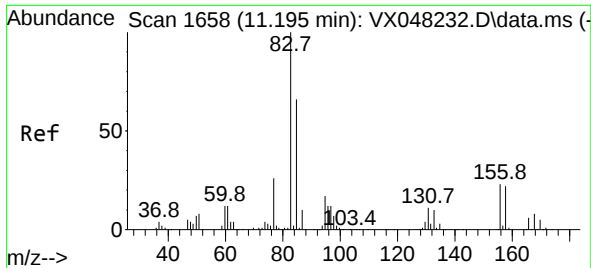
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 21.985 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 58990
Ion Ratio Lower Upper
43 100
70 40.4 32.2 48.2
55 23.8 19.1 28.7
61 23.3 18.6 28.0





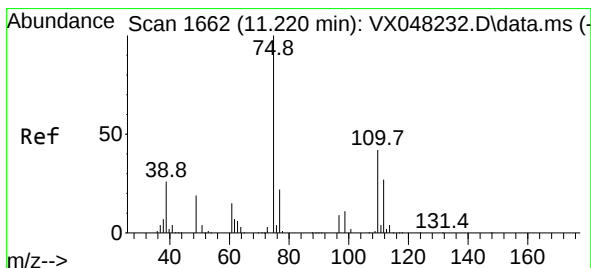
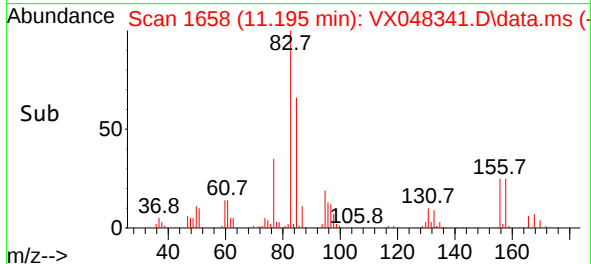
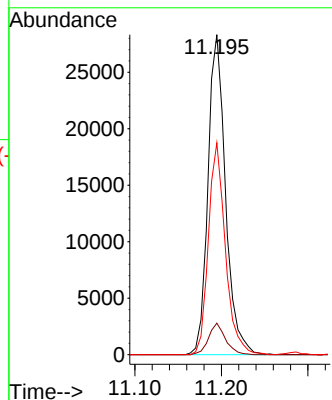
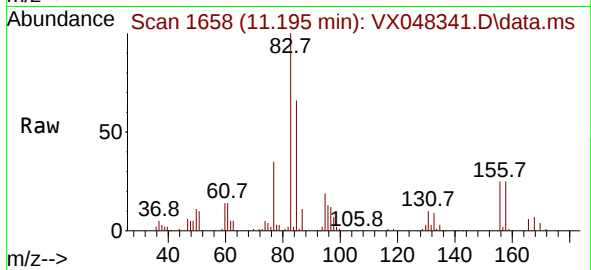
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.317 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Tgt Ion: 83 Resp: 3990
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 64.0 31.9 95.7

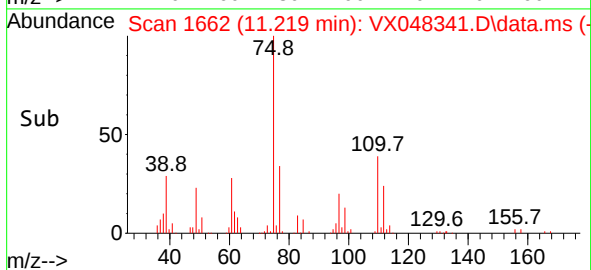
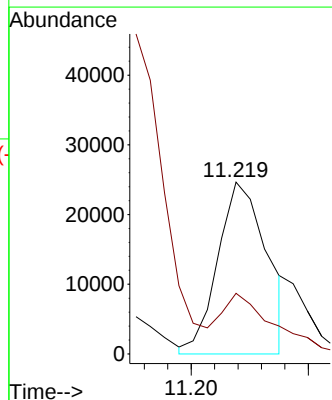
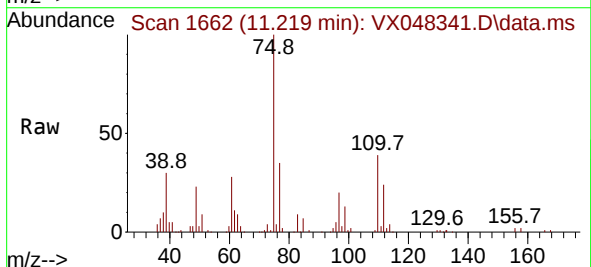
Manual Integrations
 APPROVED

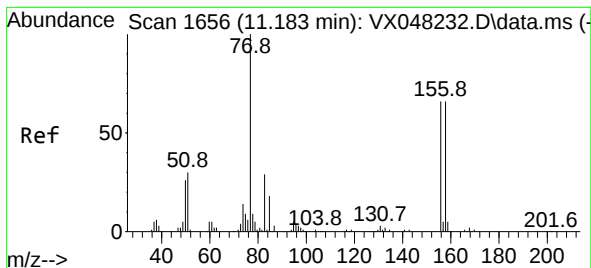
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#76
 1,2,3-Trichloropropane
 Concen: 21.358 ug/l m
 RT: 11.219 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 35869
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.4 67.2





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 11.176 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

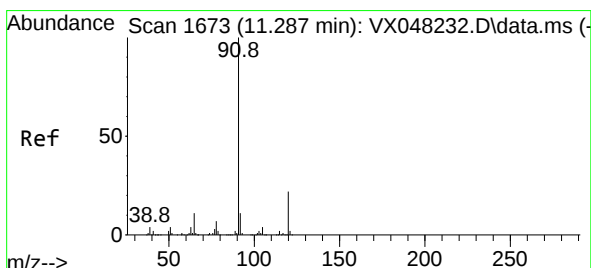
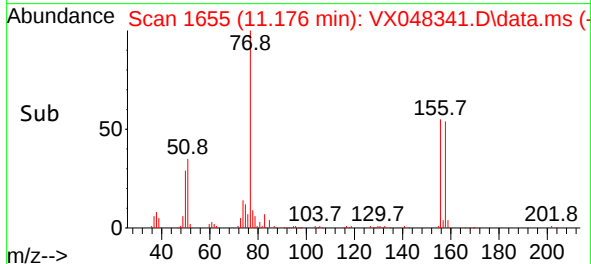
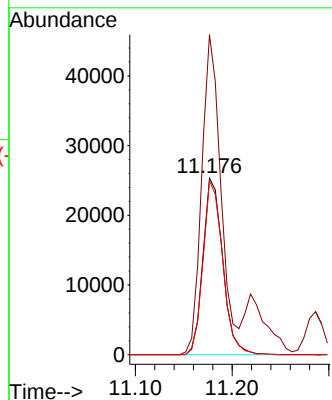
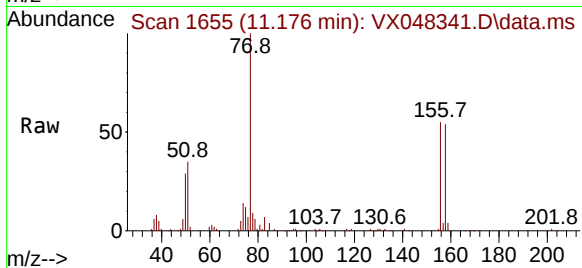
Tgt Ion:	156	Resp:	36110
Ion Ratio	Lower	Upper	
156	100		
77	175.7	87.0	261.0
158	97.8	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#78

n-propylbenzene

Concen: 21.269 ug/l

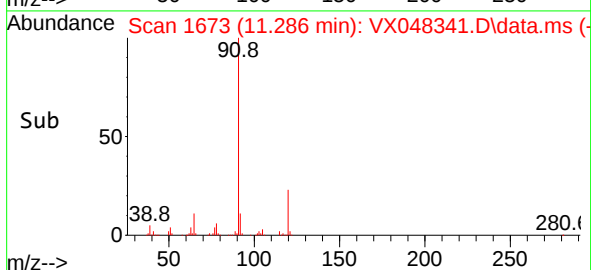
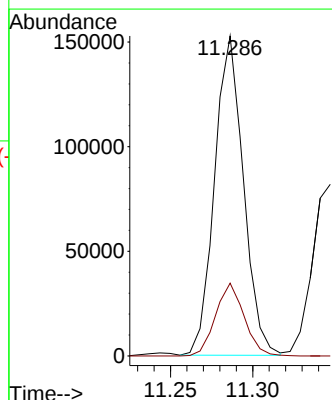
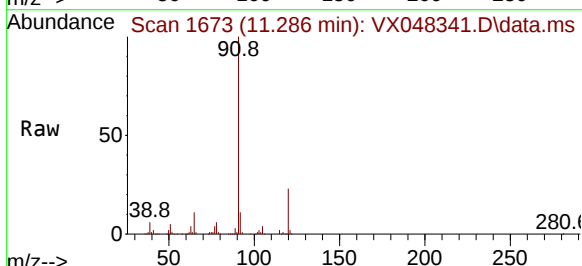
RT: 11.286 min Scan# 1673

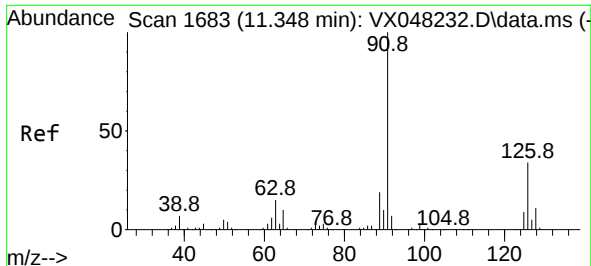
Delta R.T. -0.000 min

Lab File: VX048341.D

Acq: 24 Oct 2025 10:15

Tgt Ion:	91	Resp:	186273
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.1	33.1





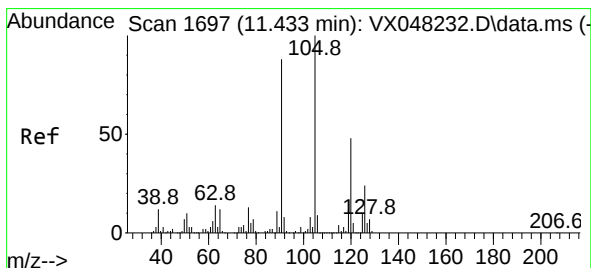
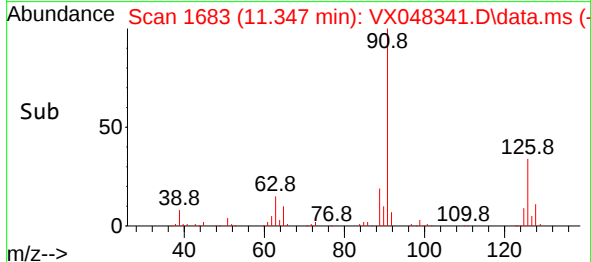
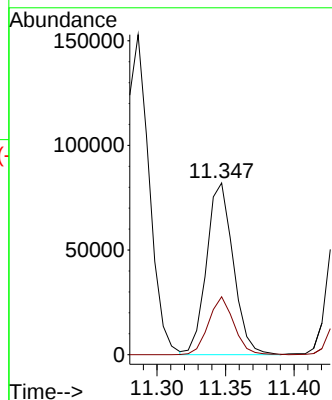
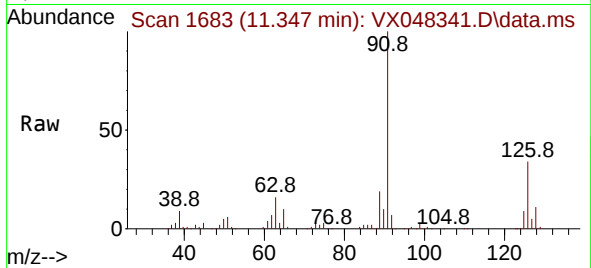
#79
2-Chlorotoluene
Concen: 20.949 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tgt Ion: 91 Resp: 111240
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

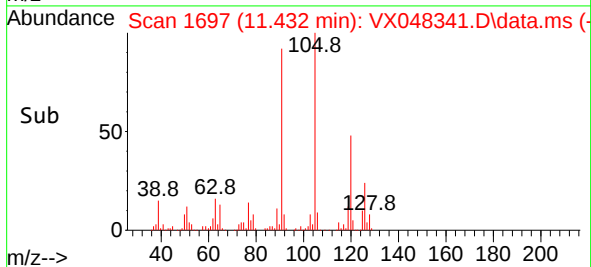
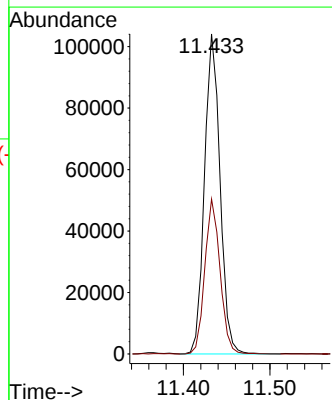
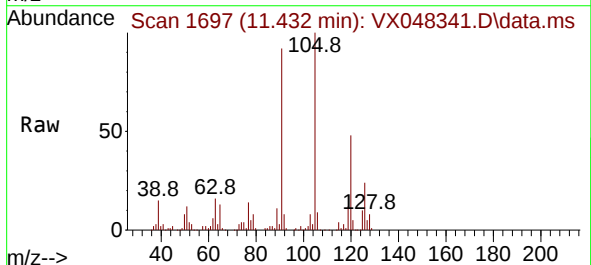
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.733 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

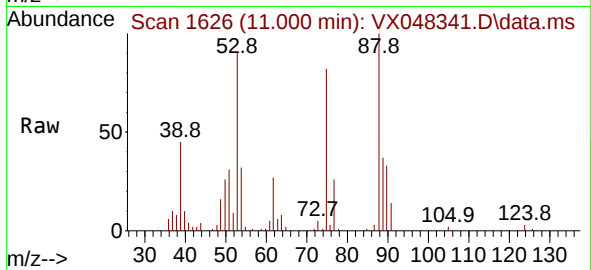
Tgt Ion:105 Resp: 129782
Ion Ratio Lower Upper
105 100
120 47.5 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 12.159 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

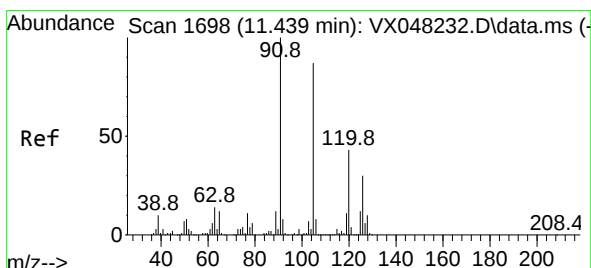
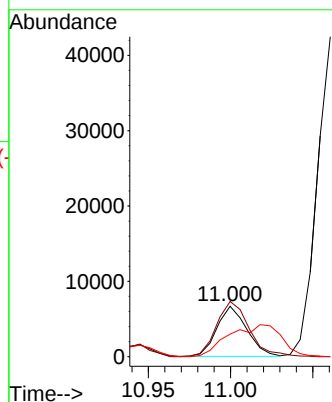
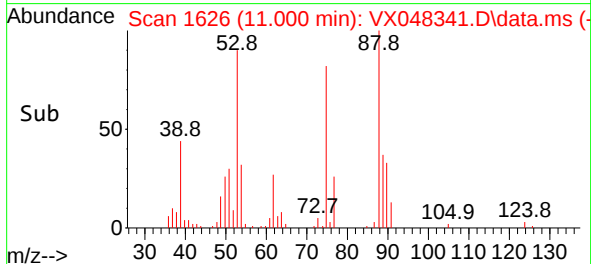
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



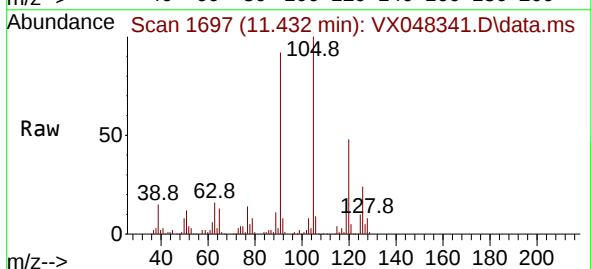
Tgt Ion: 75 Resp: 839
Ion Ratio Lower Upper
75 100
53 121.3 79.5 119.3
89 113.0 36.8 55.2

Manual Integrations
APPROVED

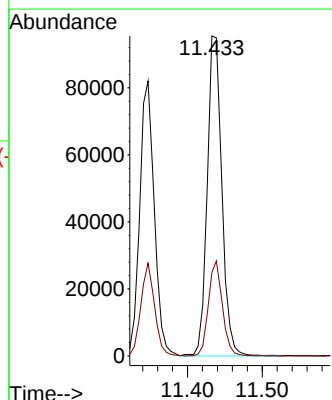
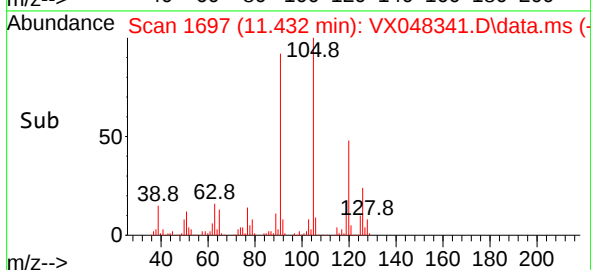
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

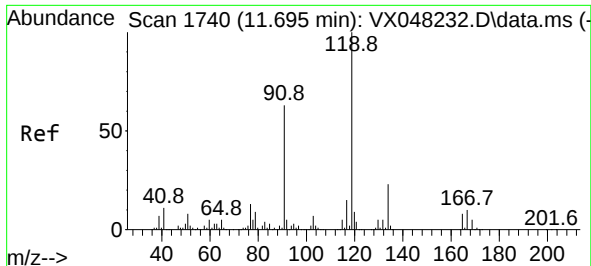


#82
4-Chlorotoluene
Concen: 20.615 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



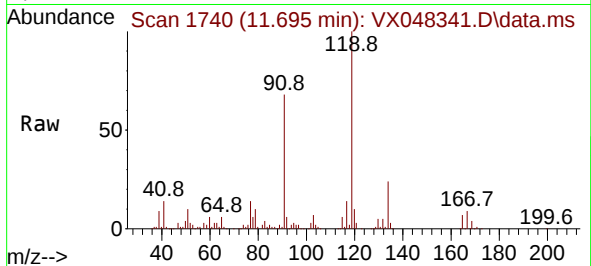
Tgt Ion: 91 Resp: 129943
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83
tert-Butylbenzene
Concen: 20.049 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

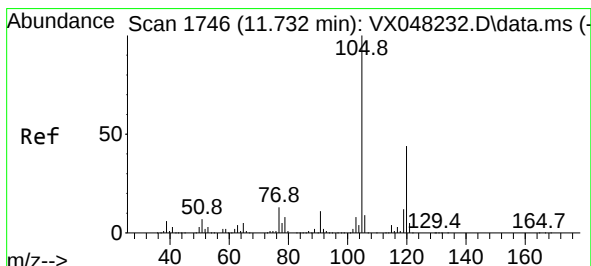
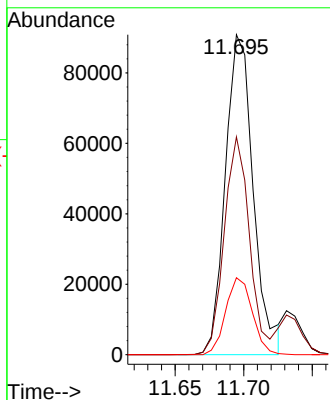
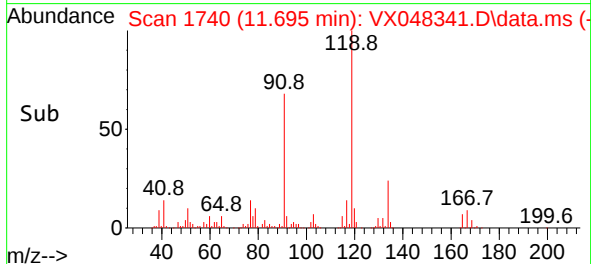
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion:119 Resp: 128952
Ion Ratio Lower Upper
119 100
91 61.7 30.3 91.0
134 22.9 11.4 34.2

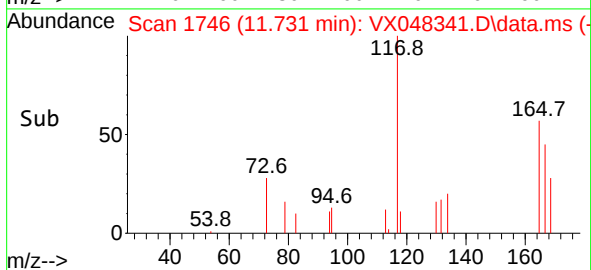
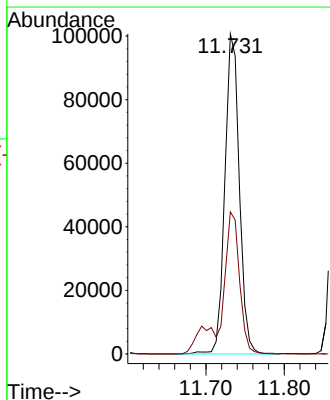
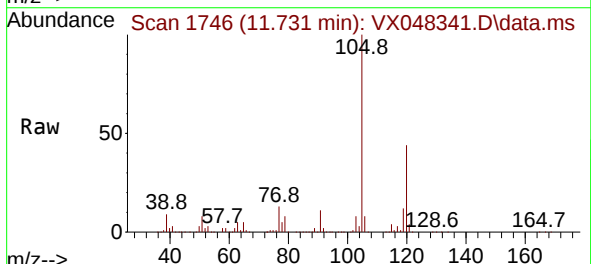
Manual Integrations
APPROVED

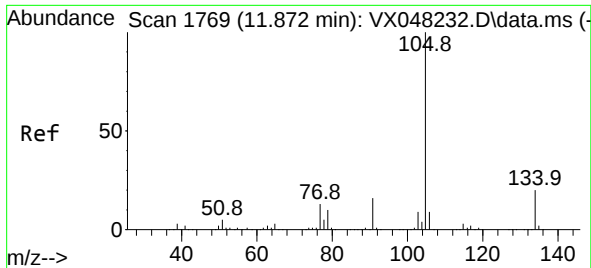
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.720 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

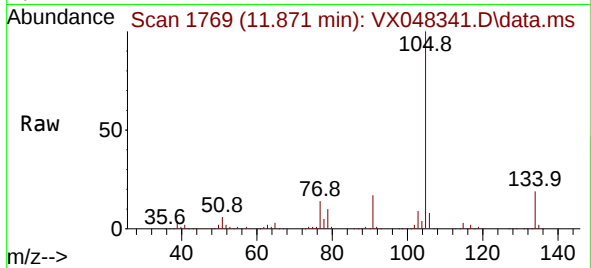
Tgt Ion:105 Resp: 129443
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 21.376 ug/l
 RT: 11.871 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15

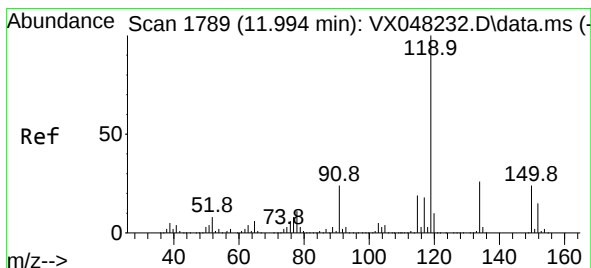
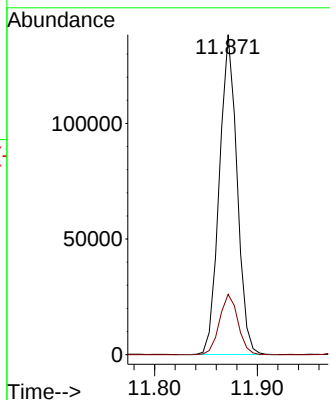
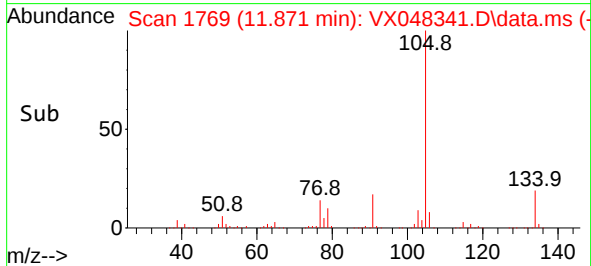
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01



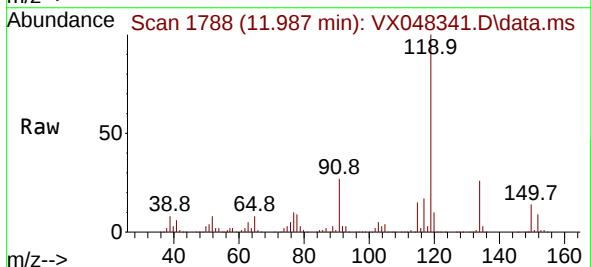
Tgt Ion:105 Resp: 165405
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1

Manual Integrations
 APPROVED

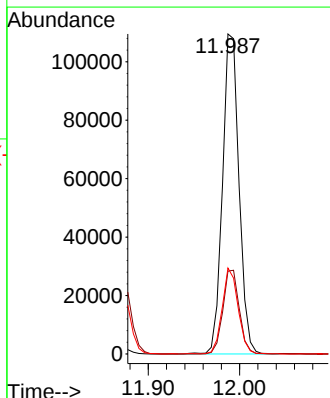
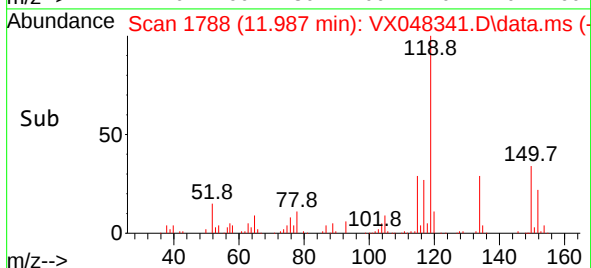
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

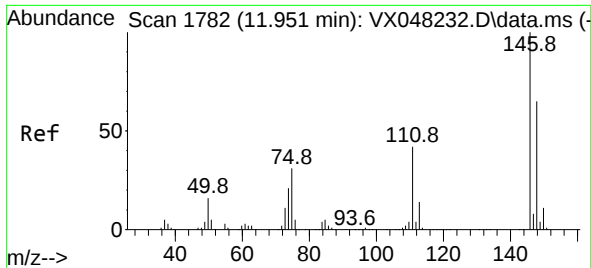


#86
 p-Isopropyltoluene
 Concen: 20.599 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048341.D
 Acq: 24 Oct 2025 10:15



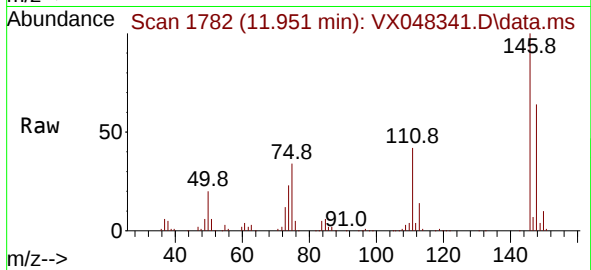
Tgt Ion:119 Resp: 137775
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.8 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 19.162 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

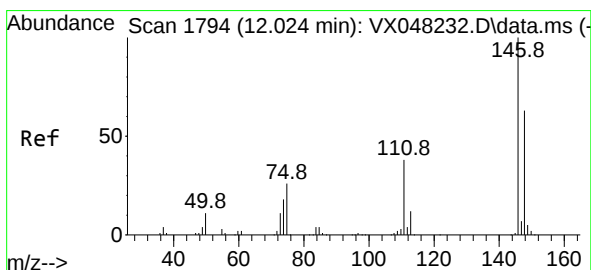
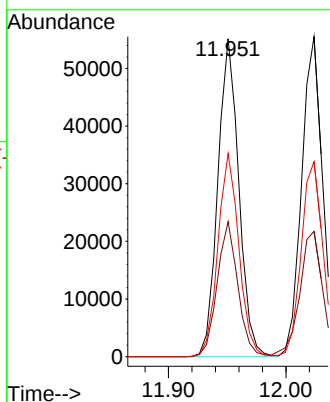
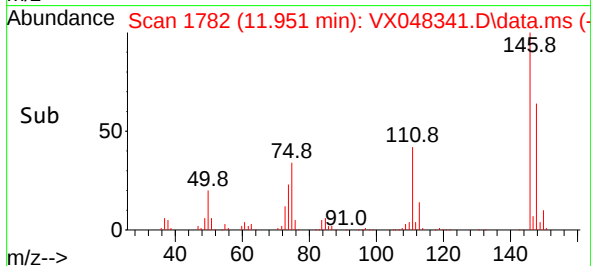
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



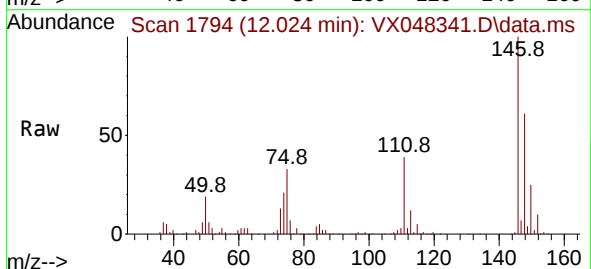
Tgt Ion:146 Resp: 68510
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.2
148 63.8 31.9 95.9

Manual Integrations
APPROVED

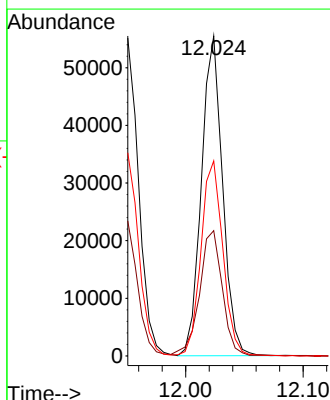
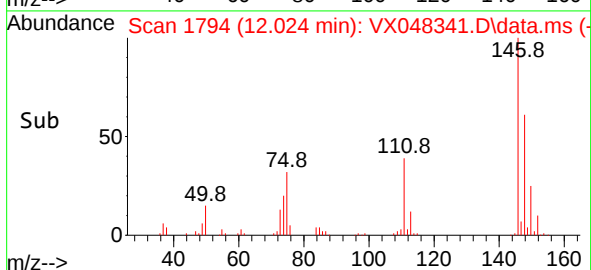
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

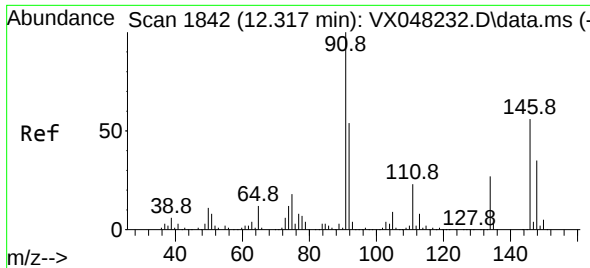


#88
1,4-Dichlorobenzene
Concen: 18.745 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



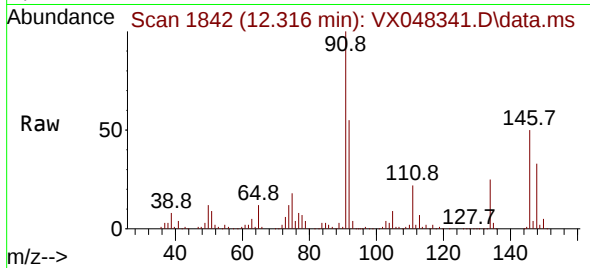
Tgt Ion:146 Resp: 69433
Ion Ratio Lower Upper
146 100
111 42.0 20.1 60.2
148 63.4 31.8 95.3





#89
n-Butylbenzene
Concen: 20.961 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

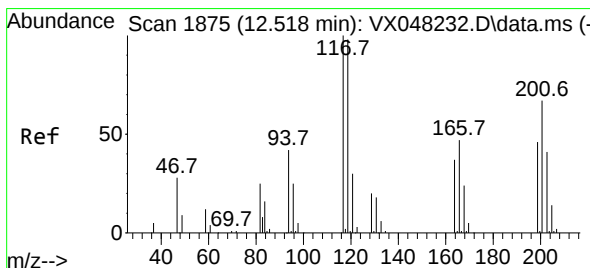
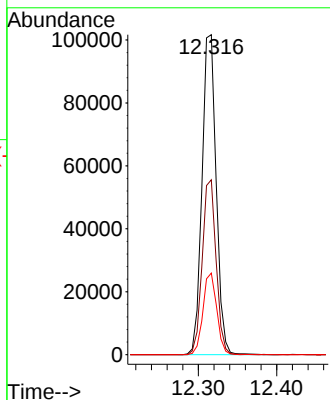
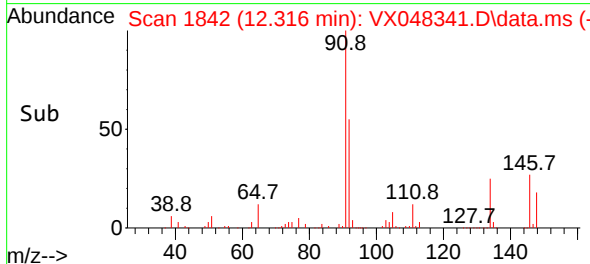
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



Tgt Ion: 91 Resp: 12760
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 24.8 12.7 38.1

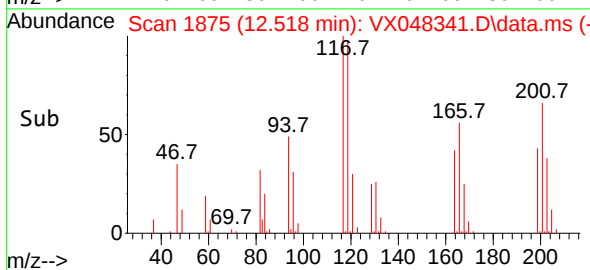
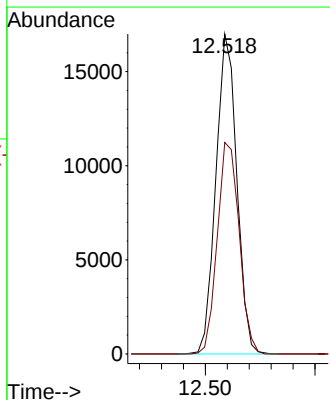
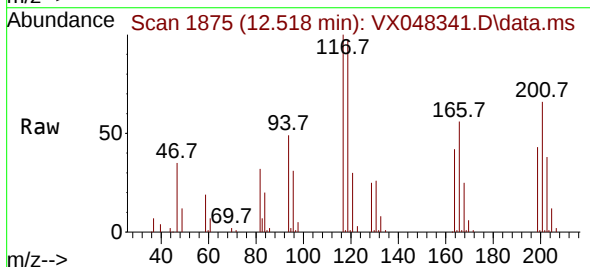
Manual Integrations
APPROVED

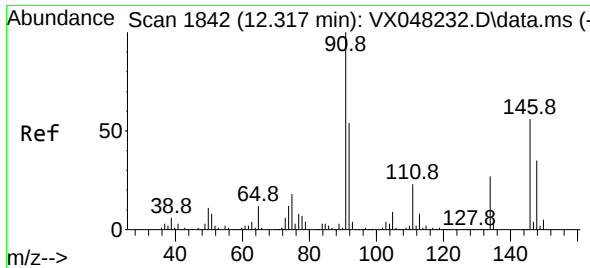
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 17.074 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

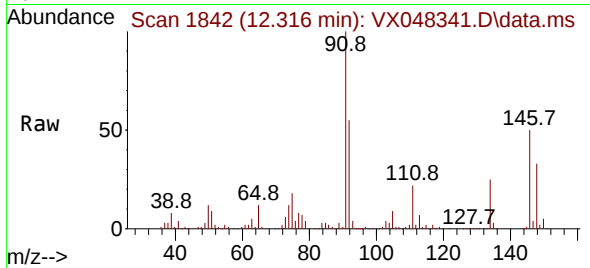
Tgt Ion:117 Resp: 22551
Ion Ratio Lower Upper
117 100
201 69.2 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 19.258 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

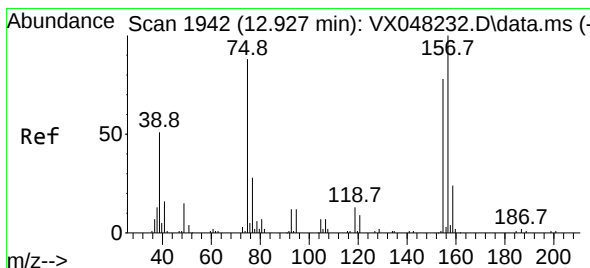
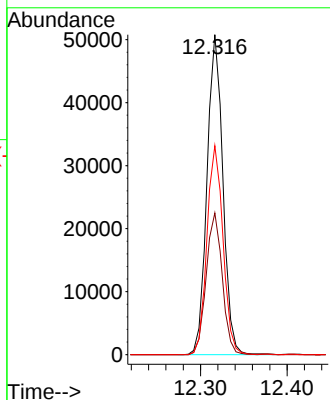
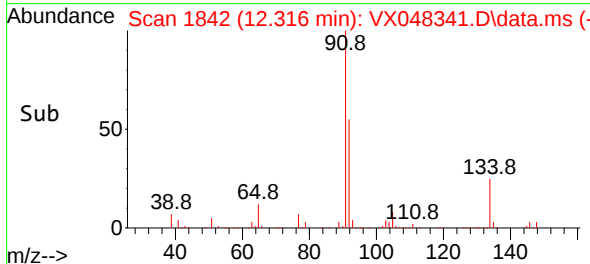
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



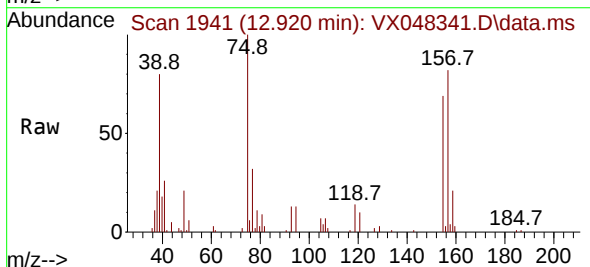
Tgt Ion:146 Resp: 64650
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 66.1 31.9 95.5

Manual Integrations
APPROVED

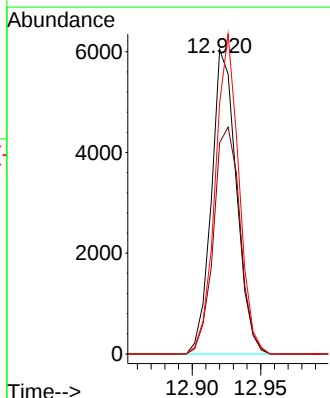
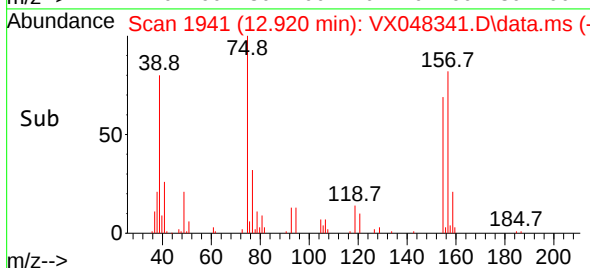
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.235 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



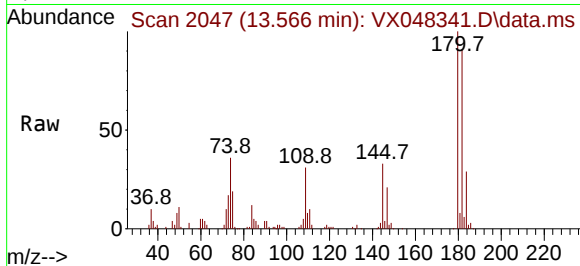
Tgt Ion: 75 Resp: 7646
Ion Ratio Lower Upper
75 100
155 79.2 42.8 128.4
157 99.5 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 18.762 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

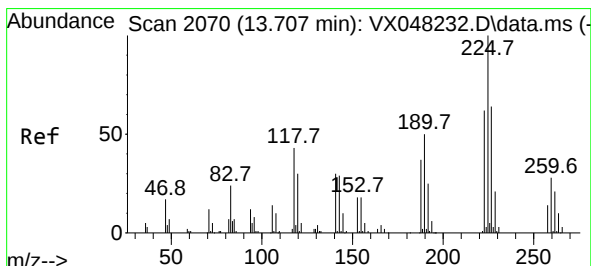
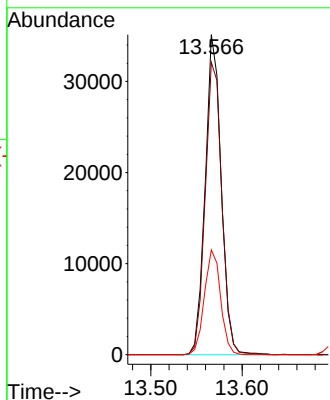
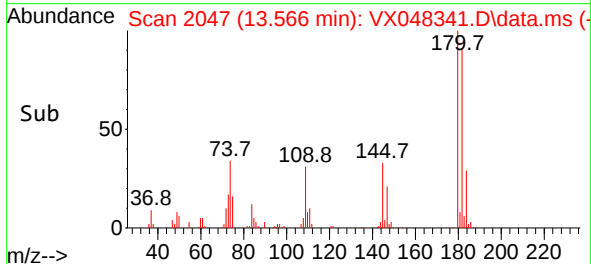
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



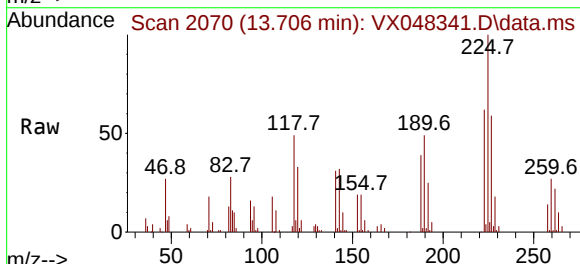
Tgt Ion:180 Resp: 4259
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 33.1 16.3 48.9

Manual Integrations
APPROVED

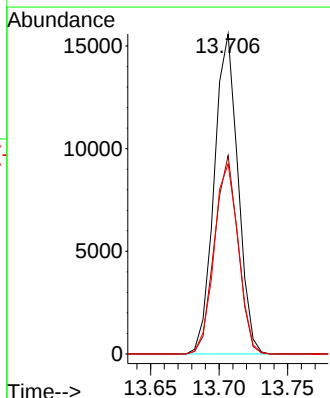
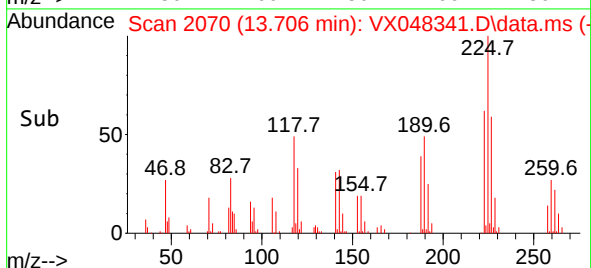
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

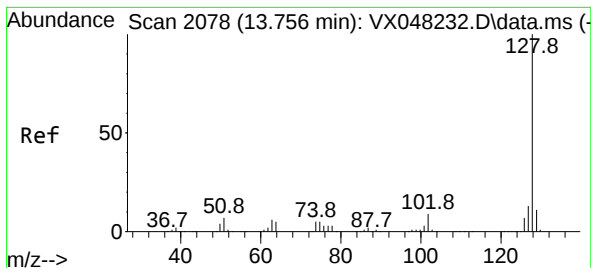


#94
Hexachlorobutadiene
Concen: 22.108 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



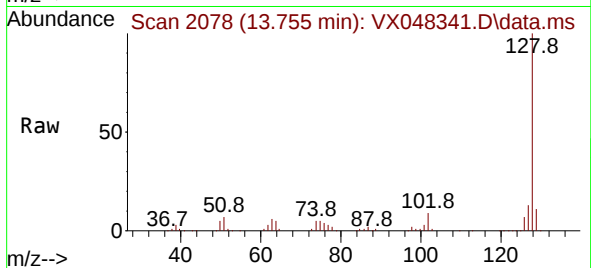
Tgt Ion:225 Resp: 18776
Ion Ratio Lower Upper
225 100
223 61.2 32.6 97.7
227 60.8 32.5 97.4





#95
Naphthalene
Concen: 18.747 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

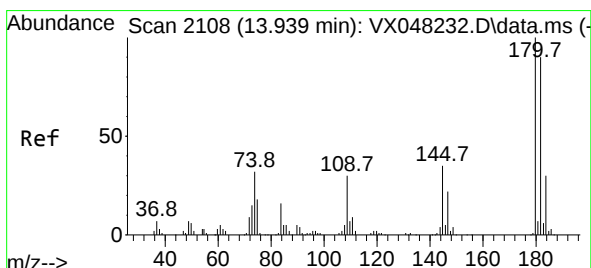
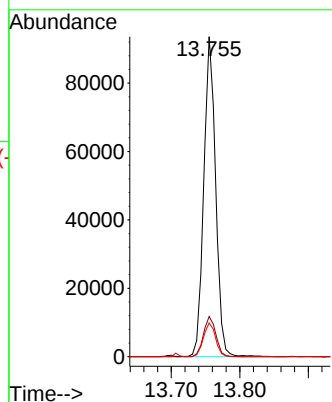
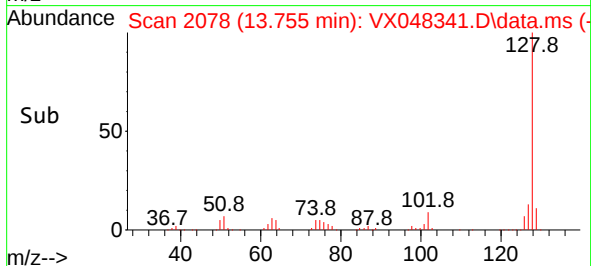
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01



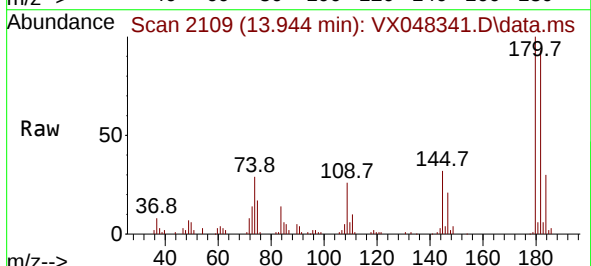
Tgt Ion:128 Resp: 112750
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.115 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15



Tgt Ion:180 Resp: 39822
Ion Ratio Lower Upper
180 100
182 95.2 46.6 139.7
145 33.6 16.9 50.7

