

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048284.D
 Acq On : 22 Oct 2025 10:18
 Operator : JC/MD
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:52:18 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	5.532	168	120104	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	195961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	180624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	82990	49.283	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.560%		
35) Dibromofluoromethane	5.367	113	65947	49.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.629	98	230741	49.207	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.420%		
62) 4-Bromofluorobenzene	11.061	95	88101	49.387	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	23340	18.904	ug/l	96
3) Chloromethane	1.301	50	22183	19.248	ug/l	98
4) Vinyl Chloride	1.380	62	18991	17.795	ug/l	99
5) Bromomethane	1.618	94	12429	17.161	ug/l	99
6) Chloroethane	1.697	64	10355	16.512	ug/l #	86
7) Trichlorofluoromethane	1.898	101	36108	17.642	ug/l	96
8) Diethyl Ether	2.136	74	9485	16.470	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	23134	17.849	ug/l	95
10) Methyl Iodide	2.453	142	29973	18.396	ug/l	97
11) Tert butyl alcohol	2.941	59	12474	74.608	ug/l	98
12) 1,1-Dichloroethene	2.325	96	21375	16.952	ug/l	89
13) Acrolein	2.233	56	17626	103.366	ug/l	94
14) Allyl chloride	2.666	41	34578	16.517	ug/l	95
15) Acrylonitrile	3.056	53	51590	85.572	ug/l	99
16) Acetone	2.374	43	48392	83.768	ug/l	95
17) Carbon Disulfide	2.514	76	60156	15.137	ug/l	96
18) Methyl Acetate	2.697	43	20120	16.677	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	76922	17.882	ug/l	95
20) Methylene Chloride	2.788	84	25251	17.939	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	23986	17.318	ug/l	97
22) Diisopropyl ether	3.751	45	76447	18.308	ug/l	95
23) Vinyl Acetate	3.709	43	296196	88.804	ug/l	95
24) 1,1-Dichloroethane	3.605	63	44297	17.545	ug/l	99
25) 2-Butanone	4.538	43	64935	88.805	ug/l	96
26) 2,2-Dichloropropane	4.459	77	41209	18.083	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	29677	18.359	ug/l	99
28) Bromochloromethane	4.885	49	19339	18.473	ug/l	85
29) Tetrahydrofuran	4.983	42	38740	88.463	ug/l	92
30) Chloroform	5.074	83	51696	19.165	ug/l	99
31) Cyclohexane	5.458	56	38986	18.651	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	46741	18.802	ug/l	99
36) 1,1-Dichloropropene	5.678	75	34395	18.089	ug/l	99
37) Ethyl Acetate	4.696	43	26522	16.828	ug/l #	95
38) Carbon Tetrachloride	5.666	117	42819	18.252	ug/l	98
39) Methylcyclohexane	7.367	83	40011	17.817	ug/l	93
40) Benzene	6.019	78	102728	18.608	ug/l	99

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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	4.904	41	15325	18.516	ug/l	97
42) 1,2-Dichloroethane	6.068	62	39959	19.615	ug/l	100
43) Isopropyl Acetate	6.324	43	47991	18.537	ug/l #	94
44) Trichloroethene	7.111	130	27345	18.759	ug/l	89
45) 1,2-Dichloropropane	7.415	63	25354	19.317	ug/l	97
46) Dibromomethane	7.568	93	20155	19.710	ug/l	93
47) Bromodichloromethane	7.806	83	43009	19.480	ug/l	97
48) Methyl methacrylate	7.678	41	24768	18.959	ug/l	95
49) 1,4-Dioxane	7.647	88	6857	397.302	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	143580	96.190	ug/l	98
52) Toluene	8.702	92	68859	19.634	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	42100	19.787	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	43961	19.150	ug/l	91
55) 1,1,2-Trichloroethane	9.135	97	26128	20.033	ug/l	96
56) Ethyl methacrylate	9.098	69	37038	19.415	ug/l	94
57) 1,3-Dichloropropane	9.293	76	44479	19.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	87997	86.903	ug/l	95
59) 2-Hexanone	9.415	43	100647	96.700	ug/l	96
60) Dibromochloromethane	9.500	129	33589	19.161	ug/l	99
61) 1,2-Dibromoethane	9.592	107	28498	20.496	ug/l	93
64) Tetrachloroethene	9.257	164	24658	18.287	ug/l	91
65) Chlorobenzene	10.061	112	77769	19.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	28328	18.982	ug/l	99
67) Ethyl Benzene	10.177	91	129701	18.749	ug/l	99
68) m/p-Xylenes	10.287	106	99982	38.899	ug/l	99
69) o-Xylene	10.622	106	47318	19.068	ug/l	100
70) Styrene	10.634	104	82638	19.558	ug/l	100
71) Bromoform	10.781	173	22550	18.905	ug/l #	99
73) Isopropylbenzene	10.945	105	124929	18.532	ug/l	100
74) N-amyl acetate	10.823	43	42802	17.899	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	34771	18.887	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	31727m	21.197	ug/l	
77) Bromobenzene	11.177	156	31977	18.917	ug/l	93
78) n-propylbenzene	11.287	91	146740	18.800	ug/l	98
79) 2-Chlorotoluene	11.348	91	90136	19.047	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	105222	18.861	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	10645	17.303	ug/l	96
82) 4-Chlorotoluene	11.433	91	105630	18.803	ug/l	96
83) tert-Butylbenzene	11.695	119	107485	18.752	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	107910	19.382	ug/l	99
85) sec-Butylbenzene	11.872	105	126036	18.276	ug/l	100
86) p-Isopropyltoluene	11.988	119	109030	18.291	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	58821	18.459	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	60184	18.231	ug/l	98
89) n-Butylbenzene	12.317	91	93633	17.258	ug/l	98
90) Hexachloroethane	12.518	117	19578	16.632	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	54904	18.351	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6427	17.199	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	33681	16.647	ug/l	97
94) Hexachlorobutadiene	13.707	225	13822	18.273	ug/l	97
95) Naphthalene	13.756	128	92069	17.176	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	33036	17.794	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



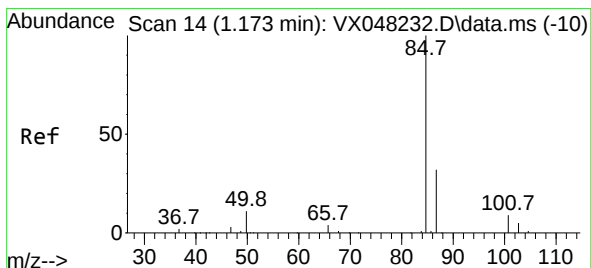
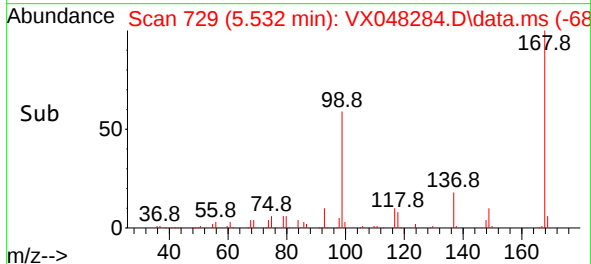
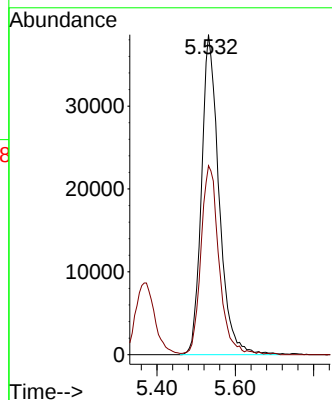
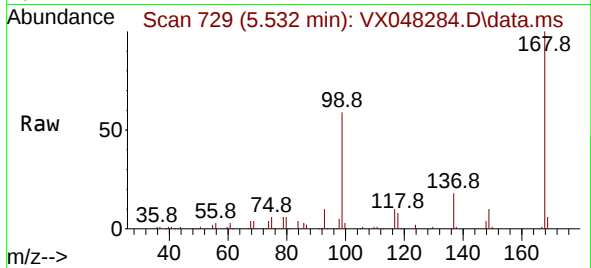
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:168 Resp: 120104
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6

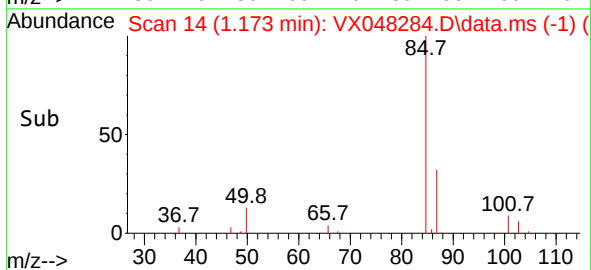
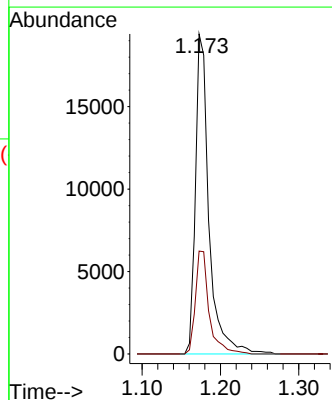
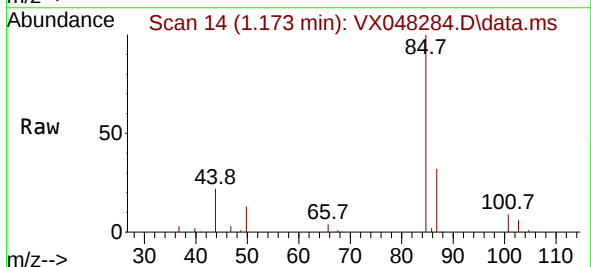
Manual Integrations
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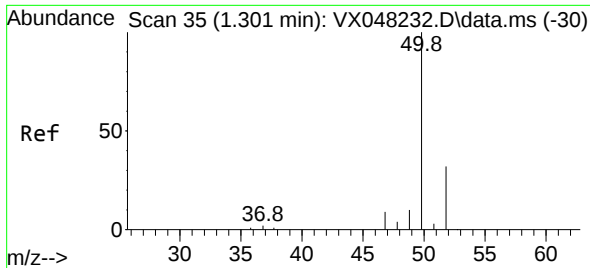
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#2
Dichlorodifluoromethane
Concen: 18.904 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

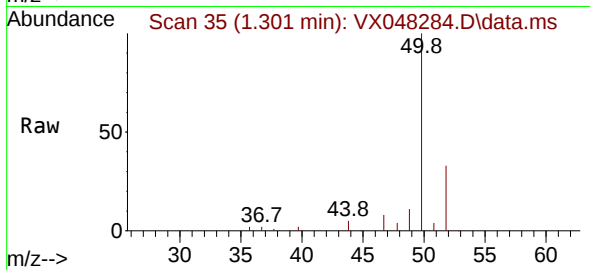
Tgt Ion: 85 Resp: 23340
Ion Ratio Lower Upper
85 100
87 32.5 15.3 45.9





#3
Chloromethane
Concen: 19.248 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

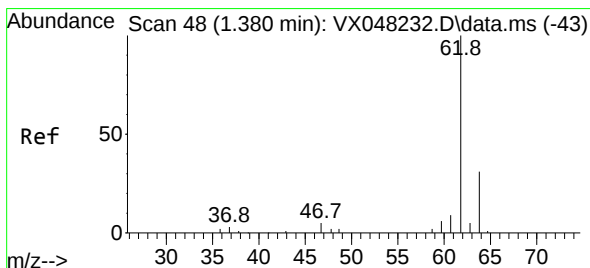
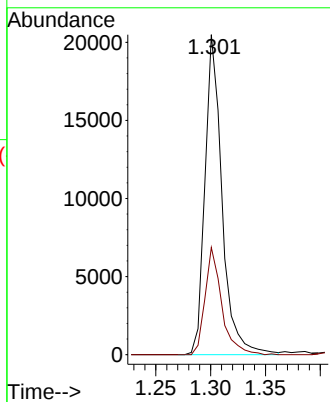
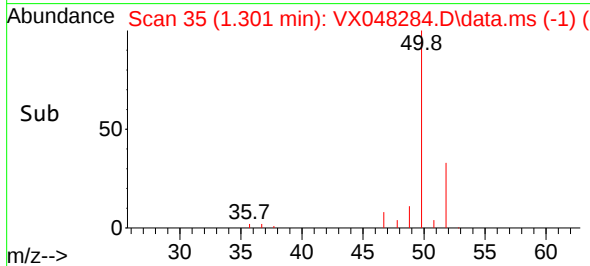
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



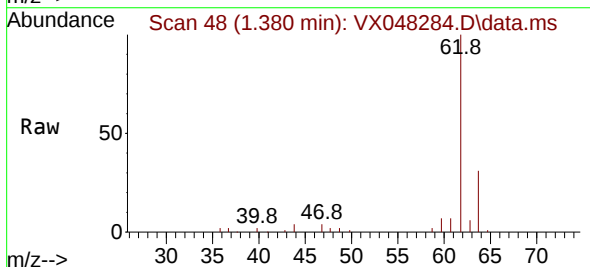
Tgt Ion: 50 Resp: 2218
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9

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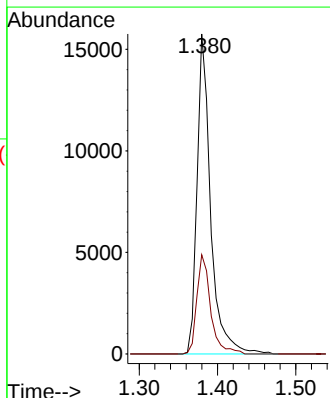
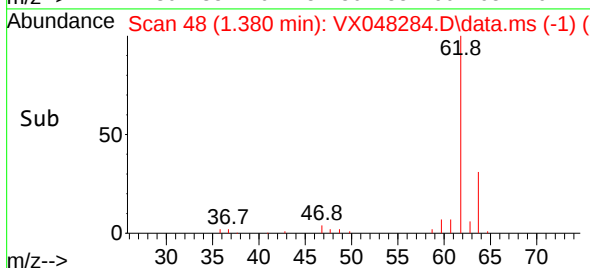
Reviewed By :John Carlone 10/24/2025
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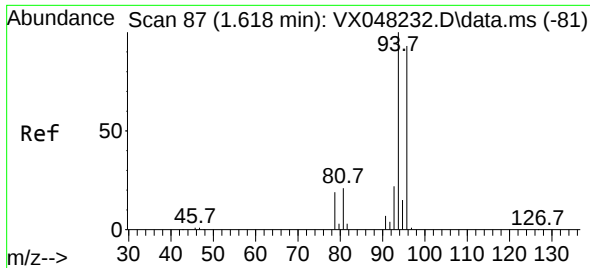


#4
Vinyl Chloride
Concen: 17.795 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



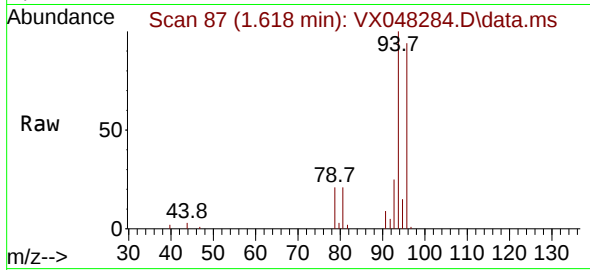
Tgt Ion: 62 Resp: 18991
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7





#5
Bromomethane
Concen: 17.161 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

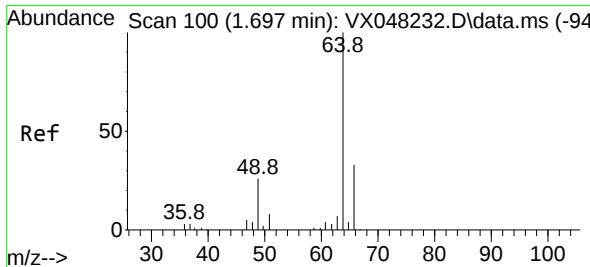
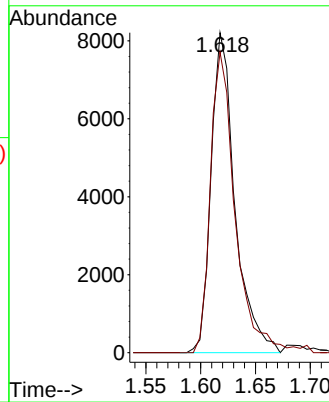
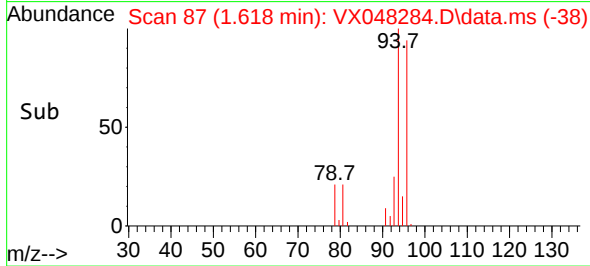
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 12429
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0

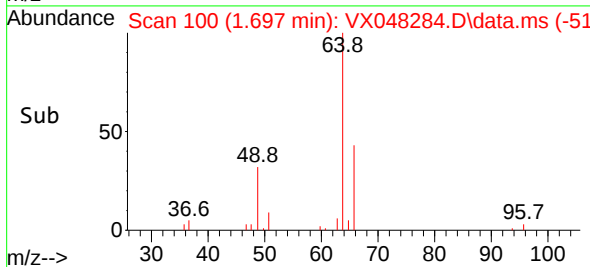
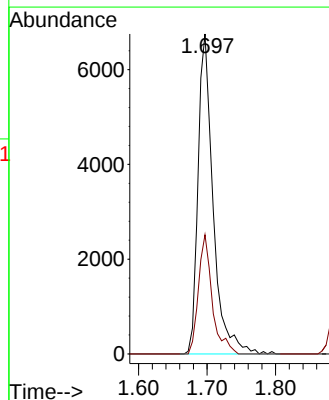
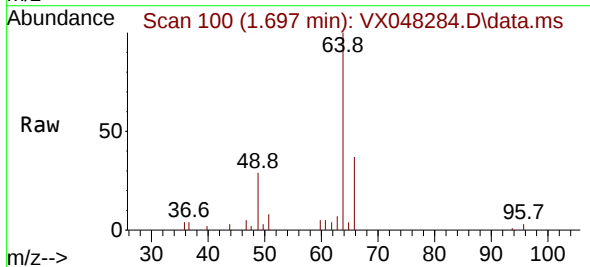
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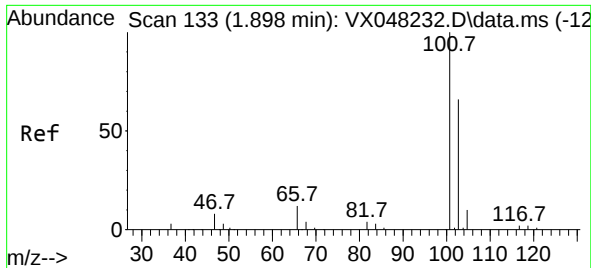
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#6
Chloroethane
Concen: 16.512 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

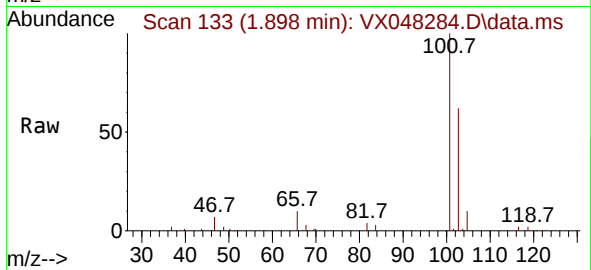
Tgt Ion: 64 Resp: 10355
Ion Ratio Lower Upper
64 100
66 37.3 23.9 35.9#





#7
 Trichlorofluoromethane
 Concen: 17.642 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

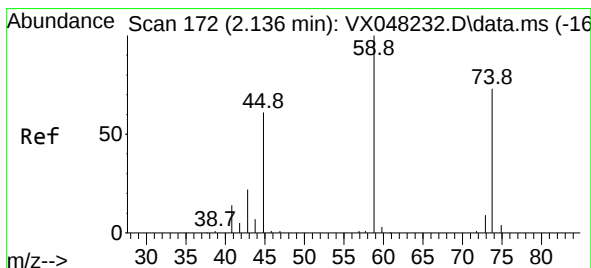
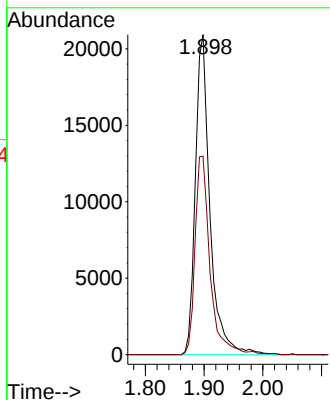
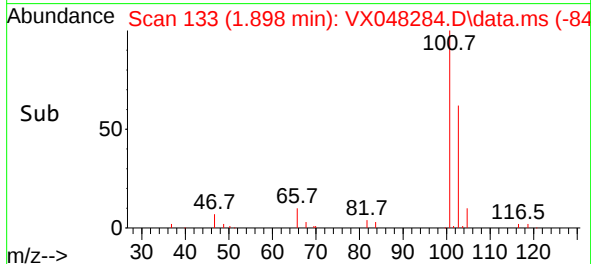
Instrument :
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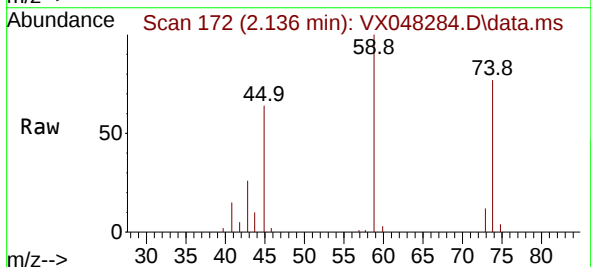
Tgt Ion:101 Resp: 3610
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.6 77.4

Manual Integrations
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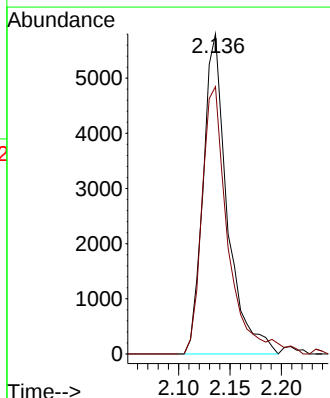
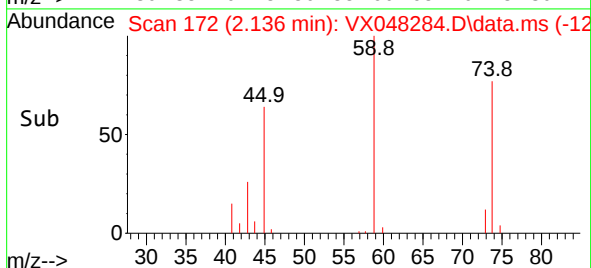
Reviewed By :John Carlone 10/24/2025
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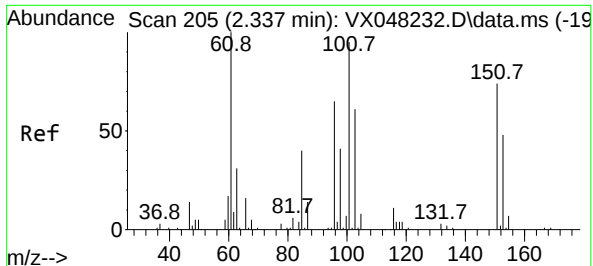


#8
 Diethyl Ether
 Concen: 16.470 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18



Tgt Ion: 74 Resp: 9485
 Ion Ratio Lower Upper
 74 100
 45 89.8 50.0 149.8





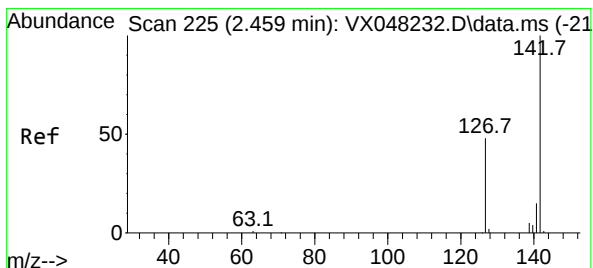
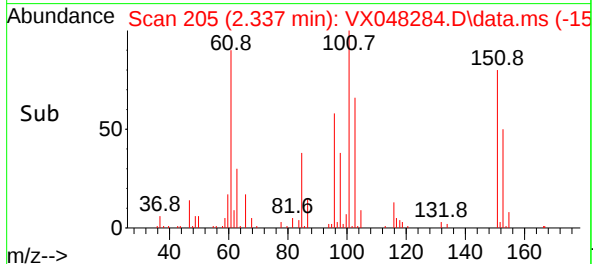
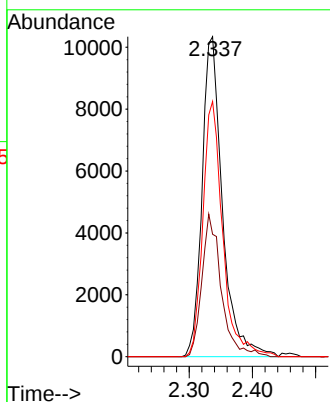
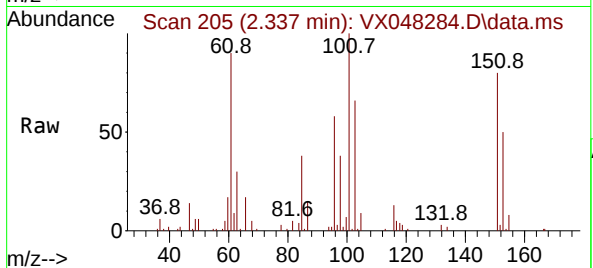
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1,1,2-Trichlorotrifluoroethane
Concen: 17.849 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:101 Resp: 23134
Ion Ratio Lower Upper
101 100
85 42.6 35.6 53.4
151 77.9 58.0 87.0

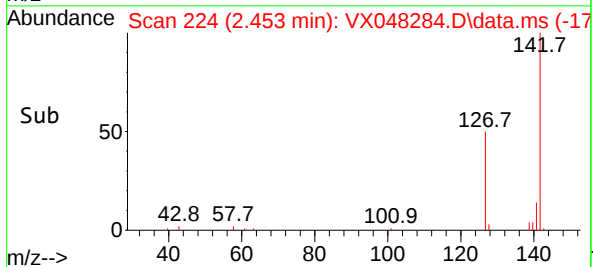
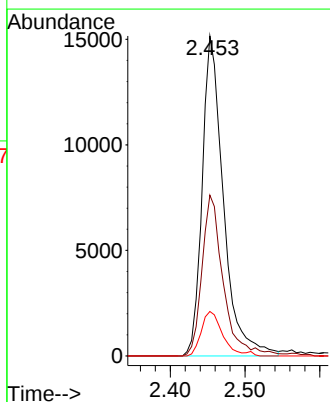
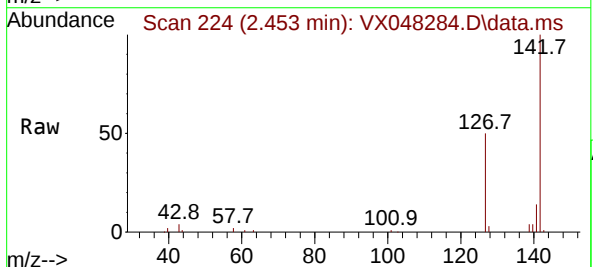
Manual Integrations
APPROVED

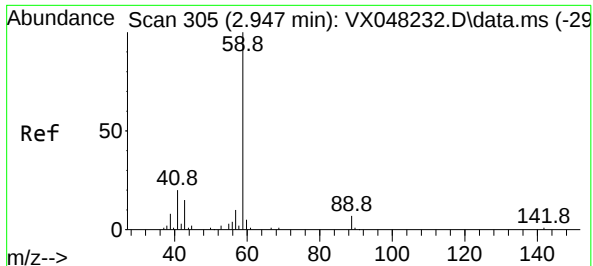
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#10
Methyl Iodide
Concen: 18.396 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

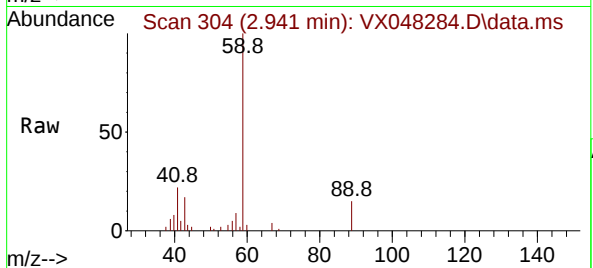
Tgt Ion:142 Resp: 29973
Ion Ratio Lower Upper
142 100
127 50.2 38.5 57.7
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 74.608 ug/l
RT: 2.941 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

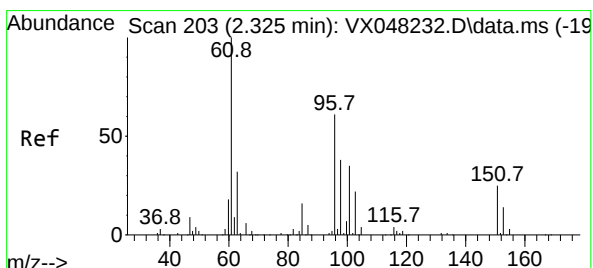
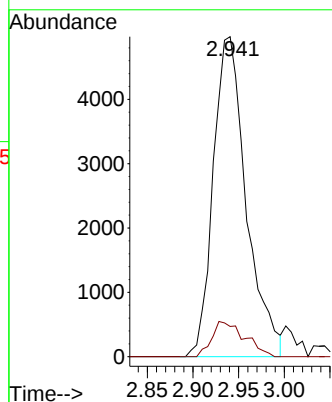
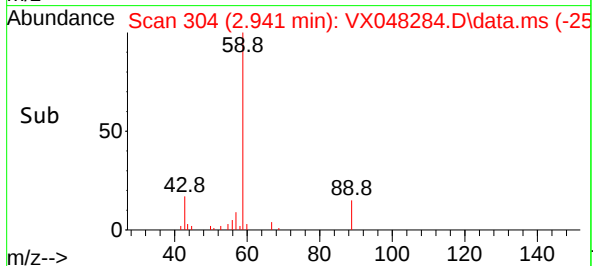
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 59 Resp: 12474
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

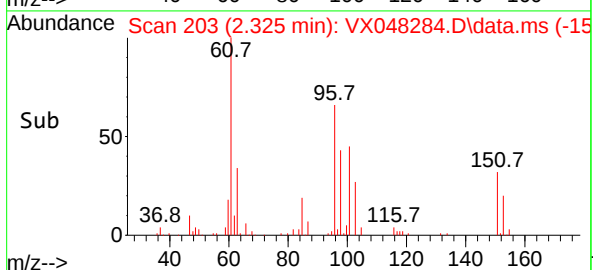
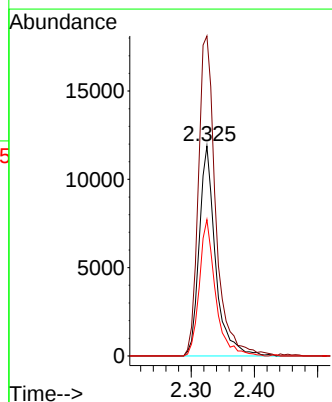
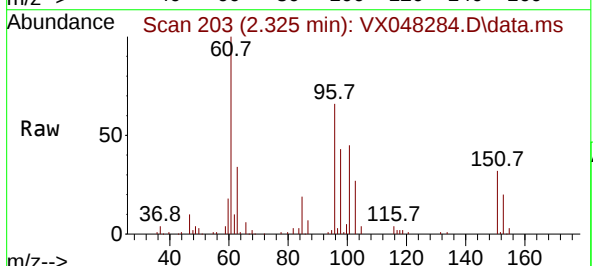
Manual Integrations
APPROVED

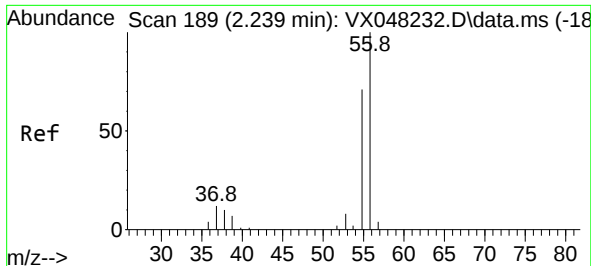
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#12
1,1-Dichloroethene
Concen: 16.952 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 96 Resp: 21375
Ion Ratio Lower Upper
96 100
61 152.4 139.0 208.6
98 64.9 52.4 78.6





#13

Acrolein

Concen: 103.366 ug/l

RT: 2.233 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 56 Resp: 17620

Ion Ratio Lower Upper

56 100

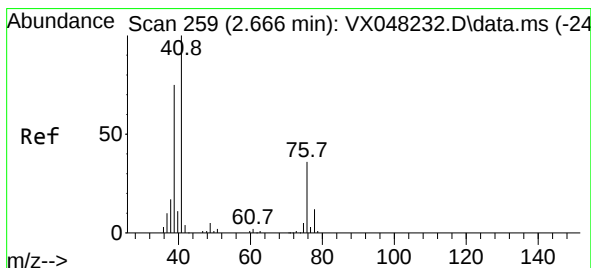
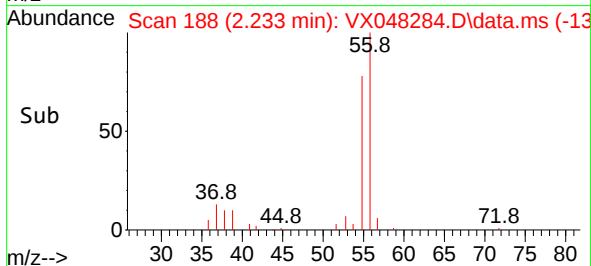
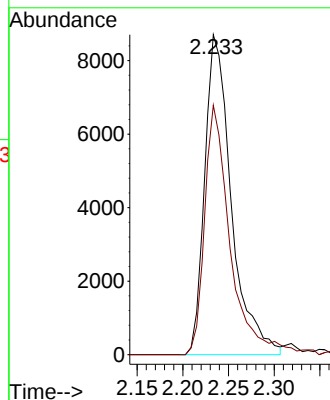
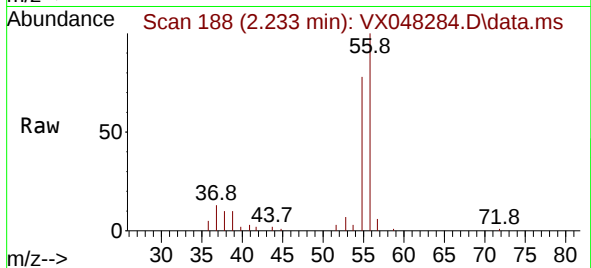
55 75.3 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#14

Allyl chloride

Concen: 16.517 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

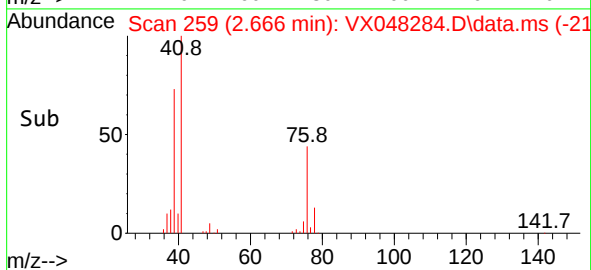
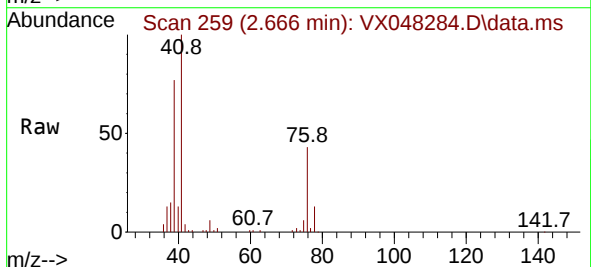
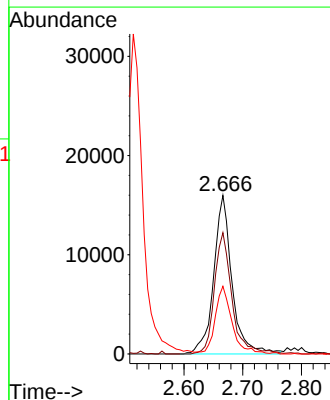
Tgt Ion: 41 Resp: 34578

Ion Ratio Lower Upper

41 100

39 73.3 56.0 84.0

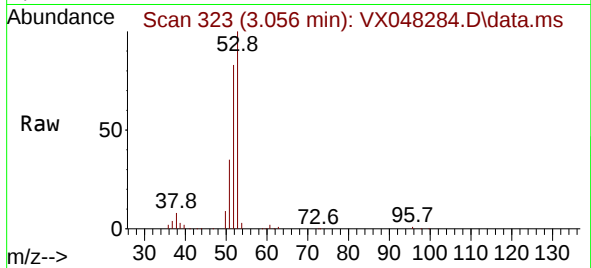
76 37.8 27.5 41.3





#15
Acrylonitrile
Concen: 85.572 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

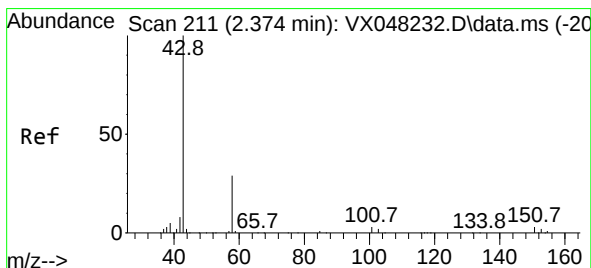
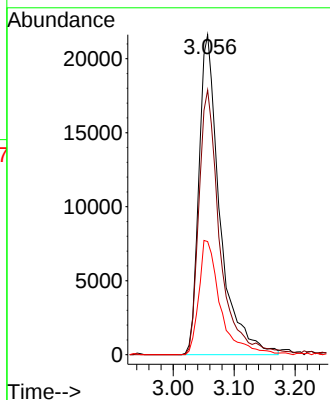
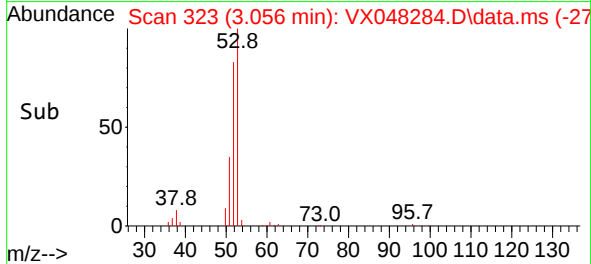
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 53 Resp: 51590
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 37.1 29.0 43.4

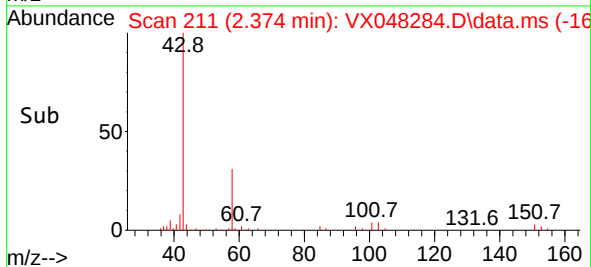
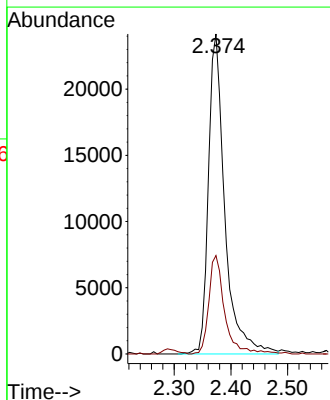
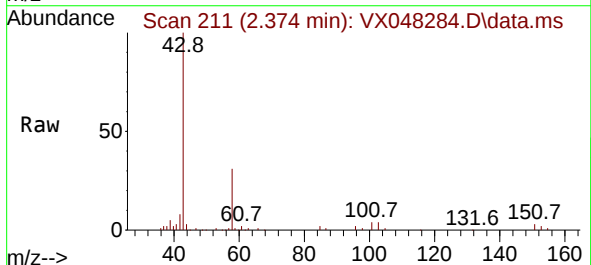
Manual Integrations
APPROVED

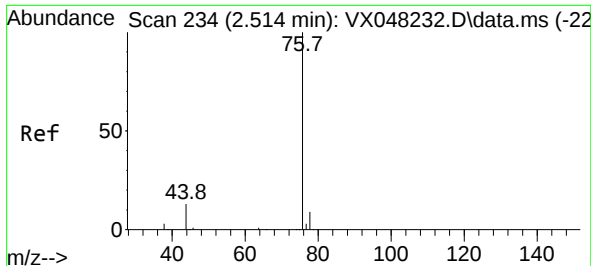
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#16
Acetone
Concen: 83.768 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

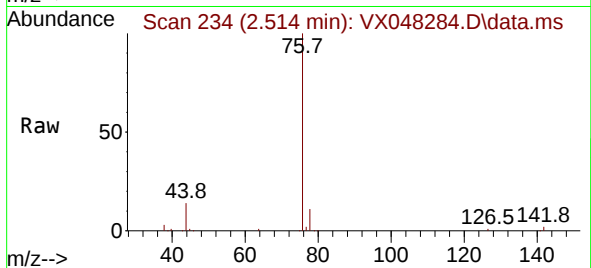
Tgt Ion: 43 Resp: 48392
Ion Ratio Lower Upper
43 100
58 31.9 23.4 35.2





#17
Carbon Disulfide
Concen: 15.137 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

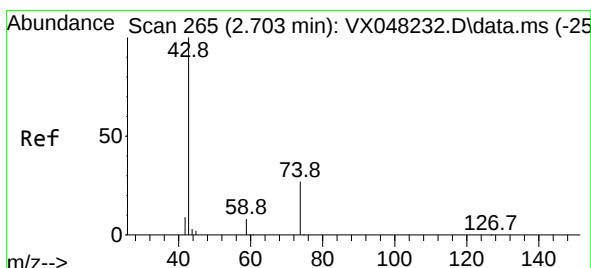
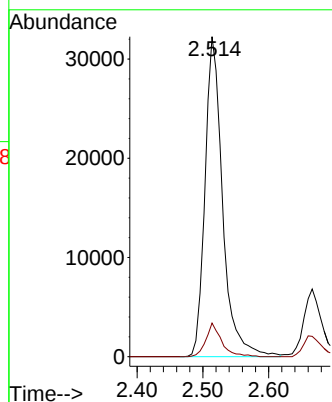
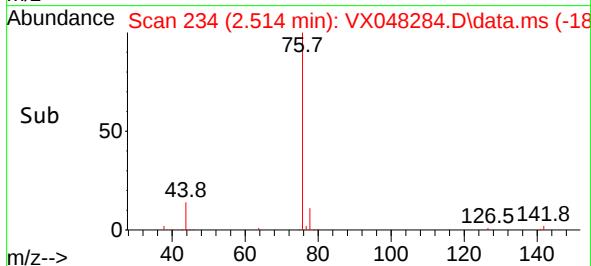
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 76 Resp: 60150
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7

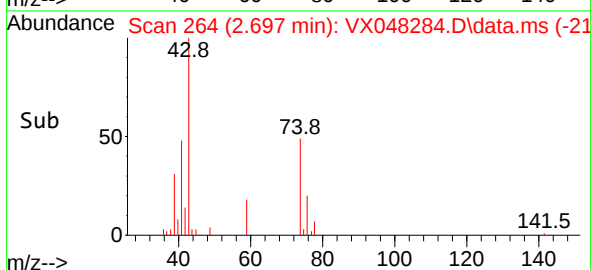
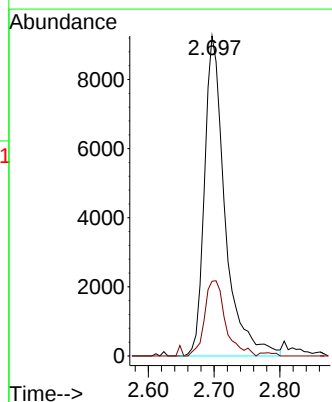
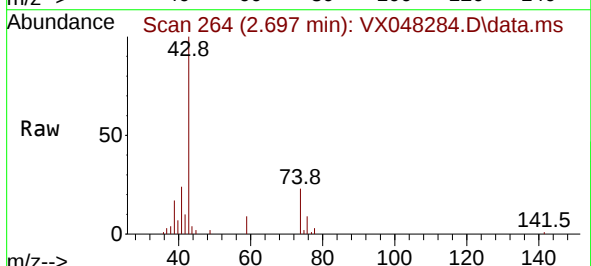
Manual Integrations
APPROVED

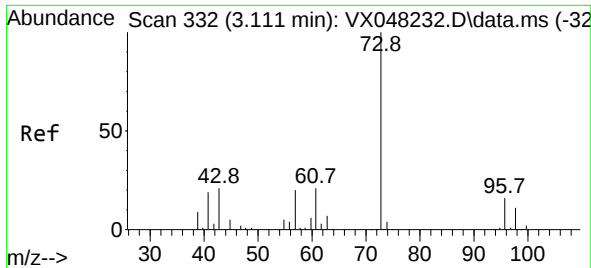
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#18
Methyl Acetate
Concen: 16.677 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 20120
Ion Ratio Lower Upper
43 100
74 23.9 17.5 26.3





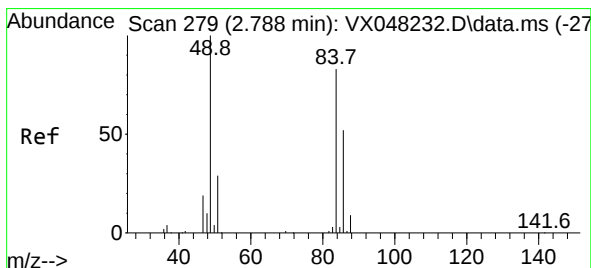
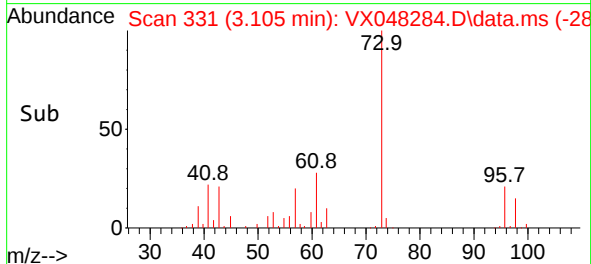
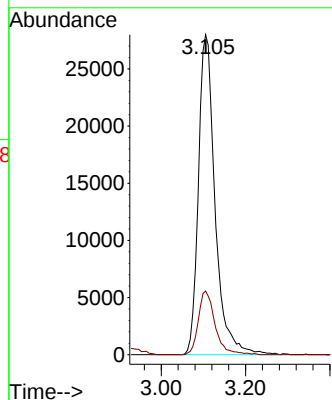
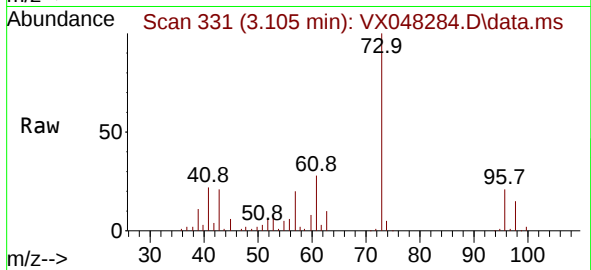
#19
Methyl tert-butyl Ether
Concen: 17.882 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 73 Resp: 7692
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5

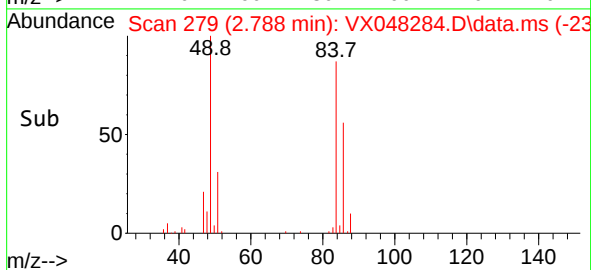
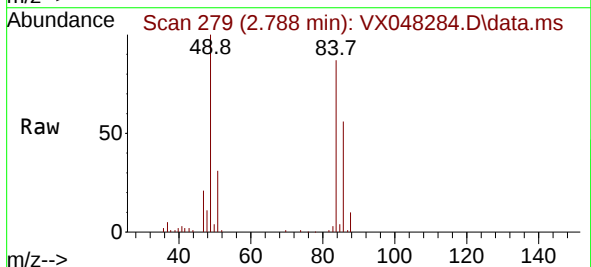
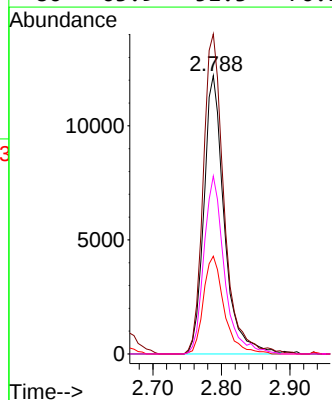
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#20
Methylene Chloride
Concen: 17.939 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

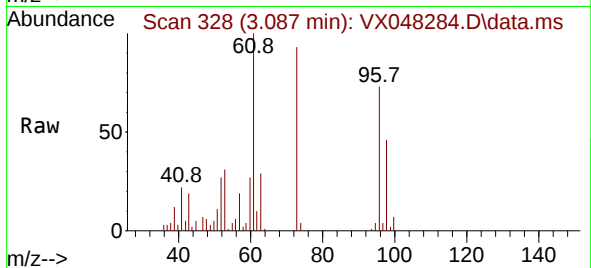
Tgt Ion: 84 Resp: 25251
Ion Ratio Lower Upper
84 100
49 115.0 104.1 156.1
51 35.1 31.3 46.9
86 63.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 17.318 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

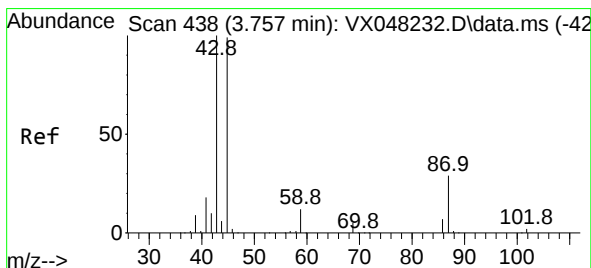
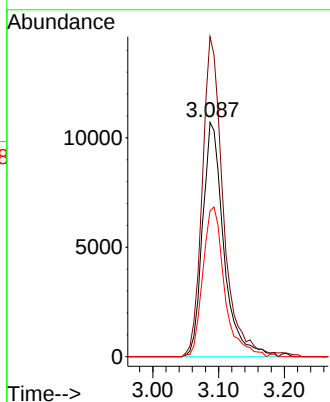
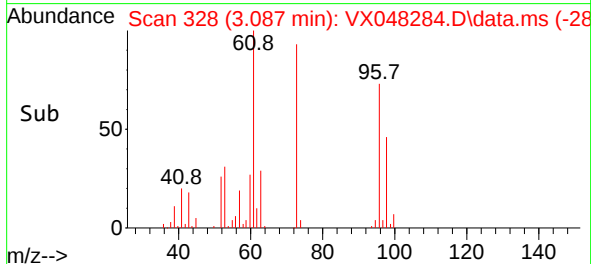
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 96 Resp: 23980
Ion Ratio Lower Upper
96 100
61 136.6 111.9 167.9
98 62.3 51.2 76.8

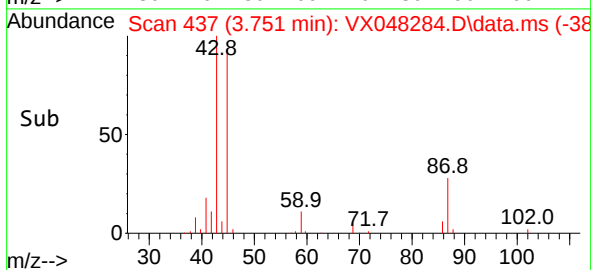
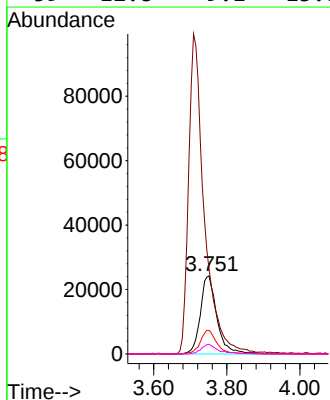
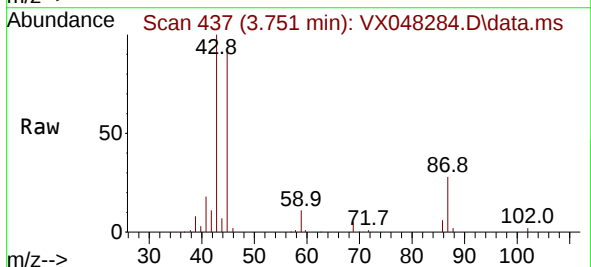
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#22
Diisopropyl ether
Concen: 18.308 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

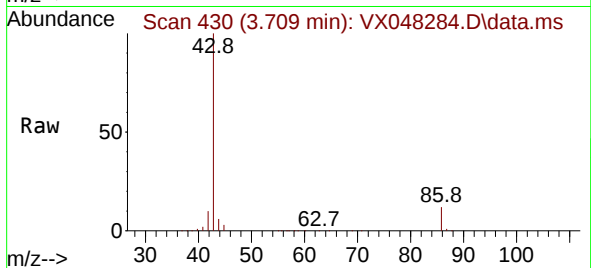
Tgt Ion: 45 Resp: 76447
Ion Ratio Lower Upper
45 100
43 107.4 89.8 134.8
87 30.2 20.6 31.0
59 12.8 9.1 13.7





#23
 Vinyl Acetate
 Concen: 88.804 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

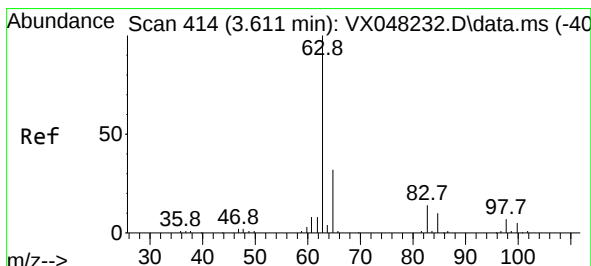
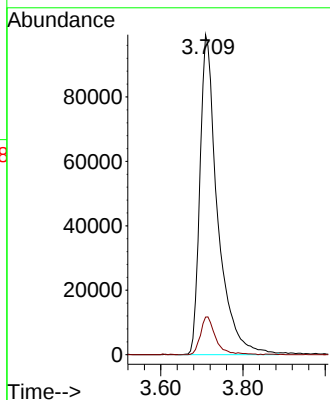
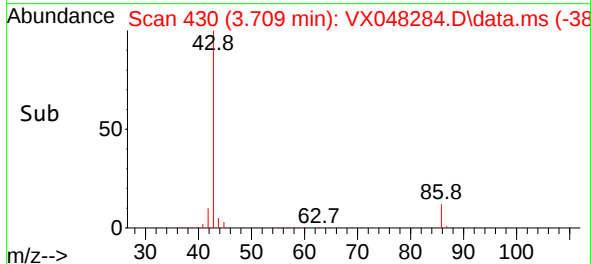
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01



Tgt Ion: 43 Resp: 296190
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.9 11.9

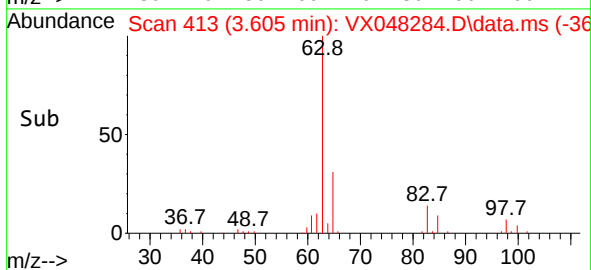
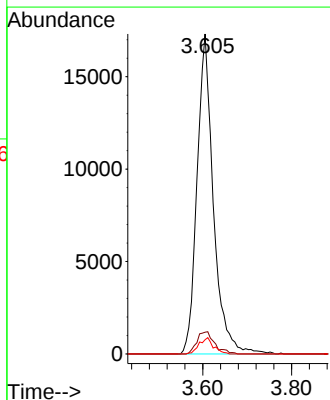
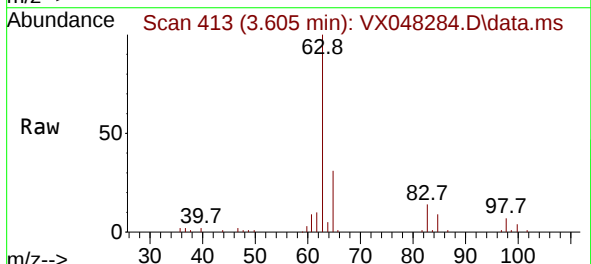
Manual Integrations
 APPROVED

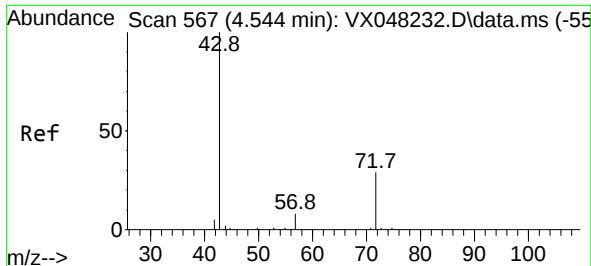
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025



#24
 1,1-Dichloroethane
 Concen: 17.545 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

Tgt Ion: 63 Resp: 44297
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.5 2.1 6.3





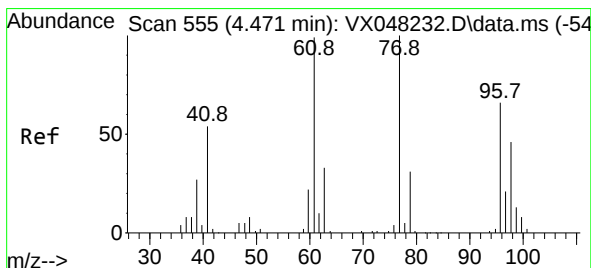
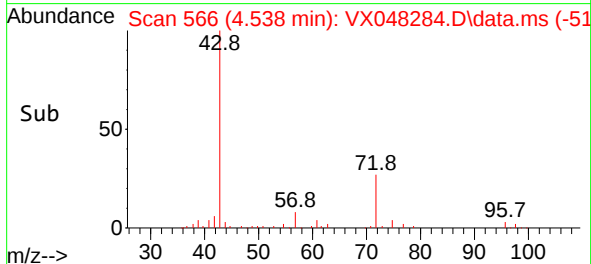
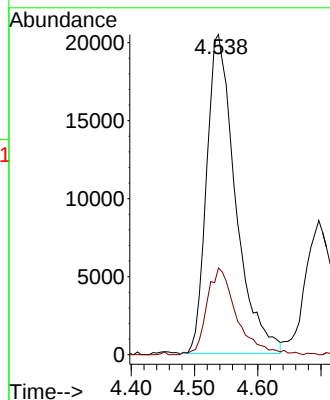
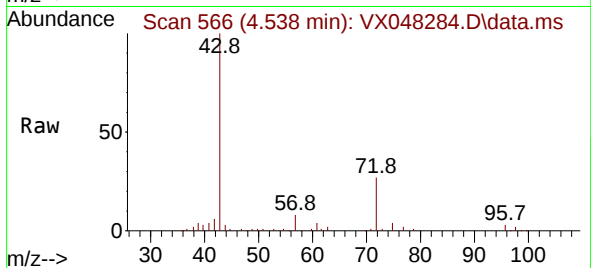
#25
2-Butanone
Concen: 88.805 ug/l
RT: 4.538 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 43 Resp: 6493
Ion Ratio Lower Upper
43 100
72 27.1 19.9 29.9

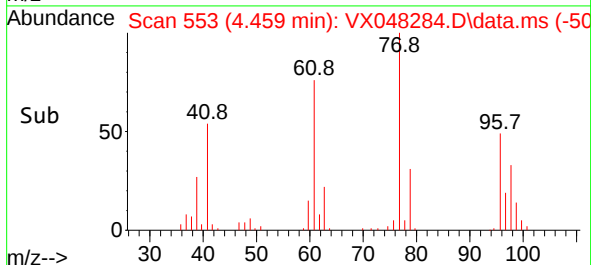
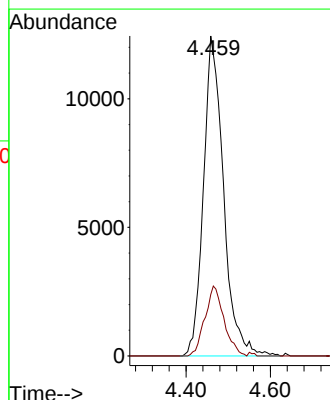
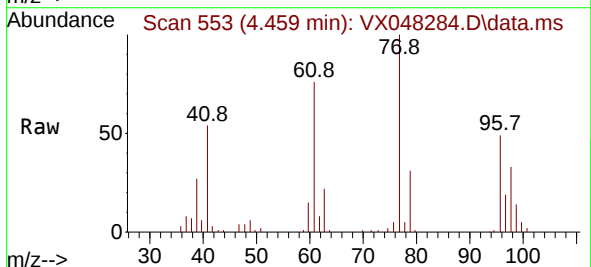
Manual Integrations
APPROVED

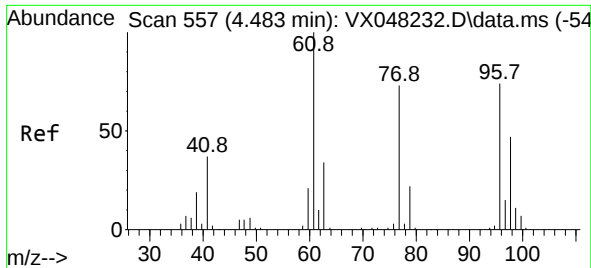
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#26
2,2-Dichloropropane
Concen: 18.083 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 77 Resp: 41209
Ion Ratio Lower Upper
77 100
97 20.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 18.359 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 96 Resp: 2967

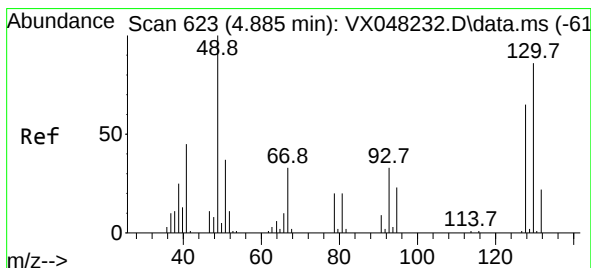
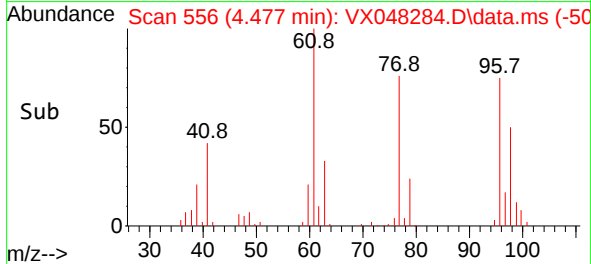
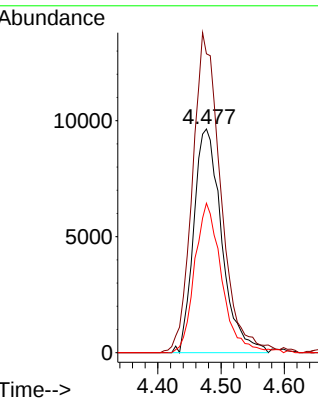
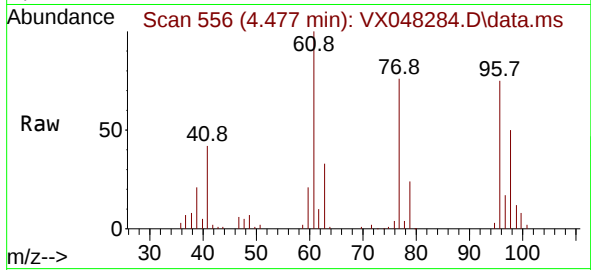
Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	294.2
98	64.7	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#28

Bromochloromethane

Concen: 18.473 ug/l

RT: 4.885 min Scan# 623

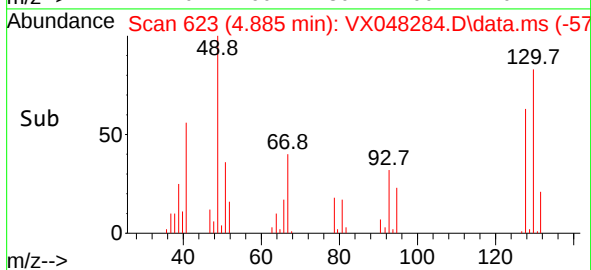
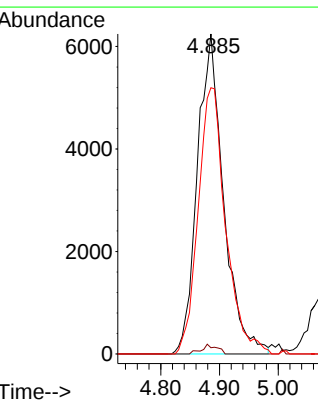
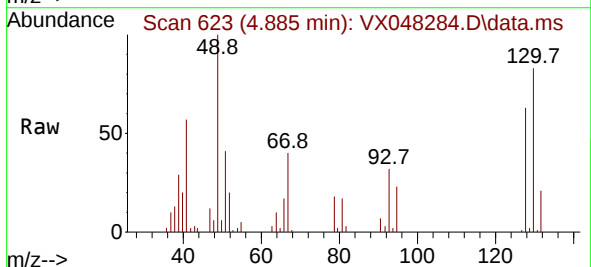
Delta R.T. 0.000 min

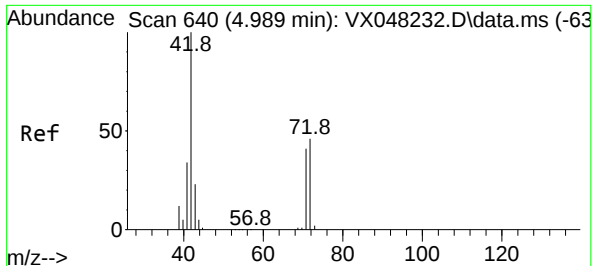
Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Tgt Ion: 49 Resp: 19339

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	87.3	59.3	88.9





#29

Tetrahydrofuran

Concen: 88.463 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

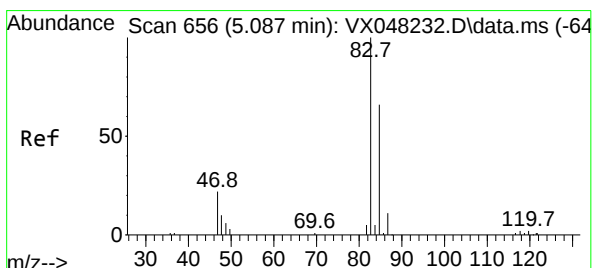
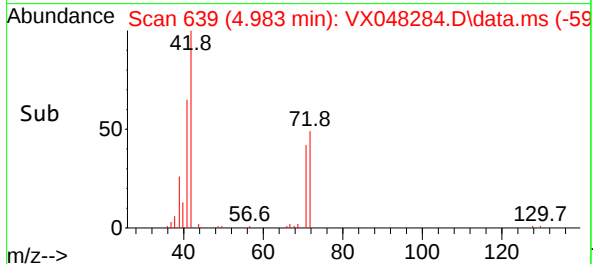
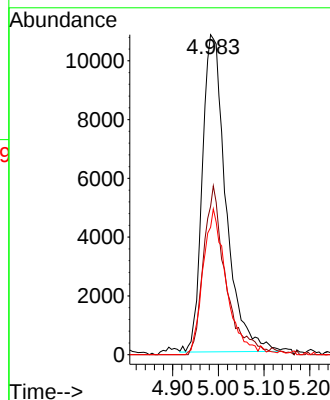
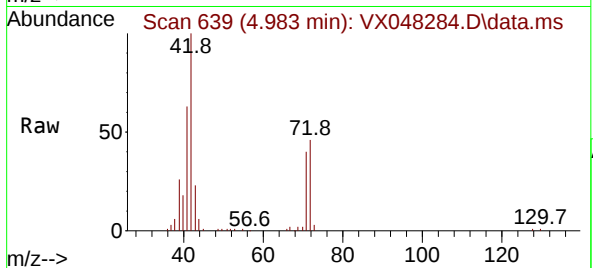
Tgt Ion: 42 Resp: 38740
 Ion Ratio Lower Upper
 42 100
 72 49.8 35.3 52.9
 71 45.0 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#30

Chloroform

Concen: 19.165 ug/l

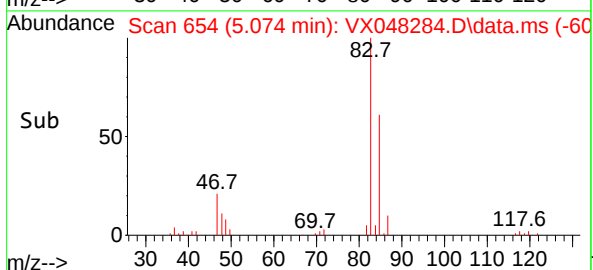
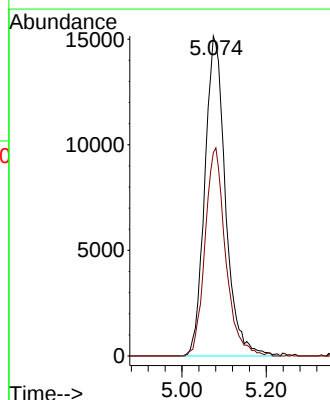
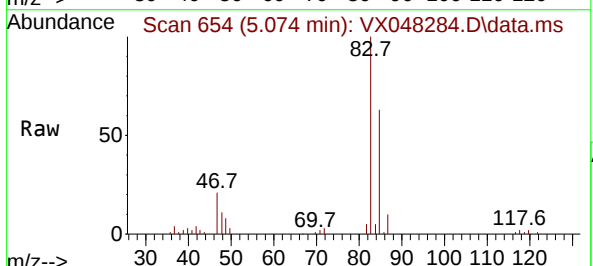
RT: 5.074 min Scan# 654

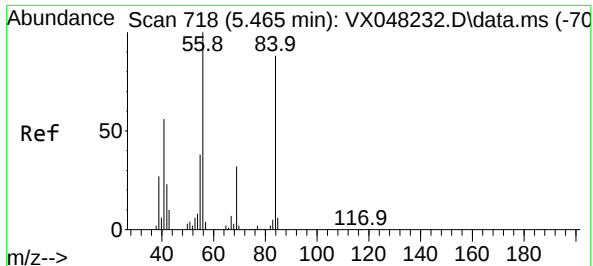
Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

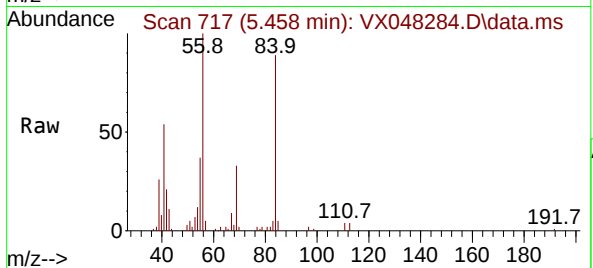
Tgt Ion: 83 Resp: 51696
 Ion Ratio Lower Upper
 83 100
 85 63.5 50.1 75.1





#31
Cyclohexane
Concen: 18.651 ug/l
RT: 5.458 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

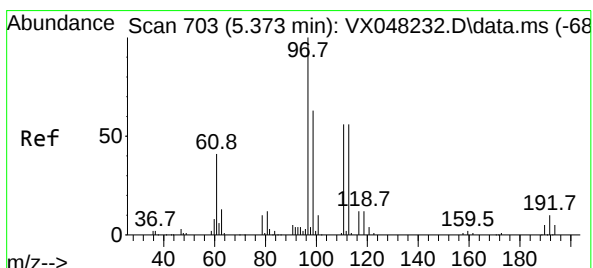
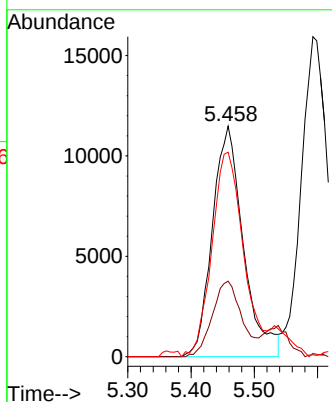
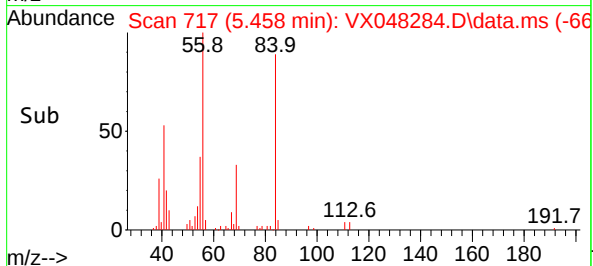
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 56 Resp: 38980
Ion Ratio Lower Upper
56 100
69 32.7 23.0 34.6
84 86.3 64.6 97.0

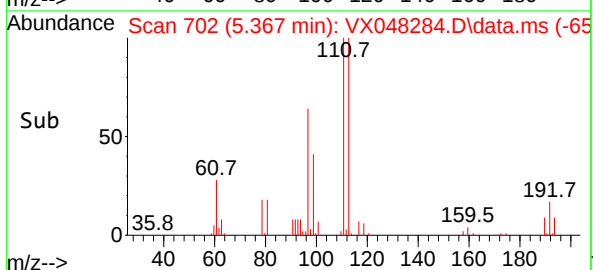
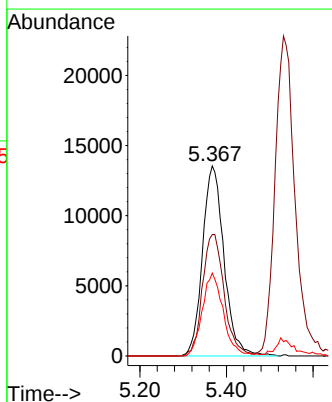
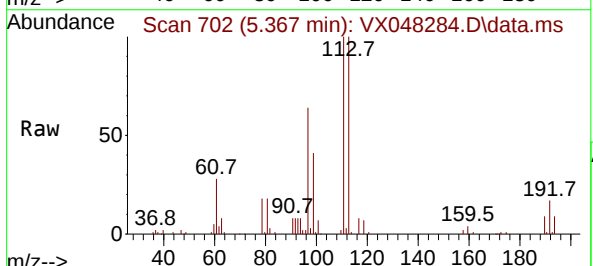
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#32
1,1,1-Trichloroethane
Concen: 18.802 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 97 Resp: 46741
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 42.4 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 49.283 ug/l

RT: 5.934 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 65 Resp: 82990

Ion Ratio Lower Upper

65 100

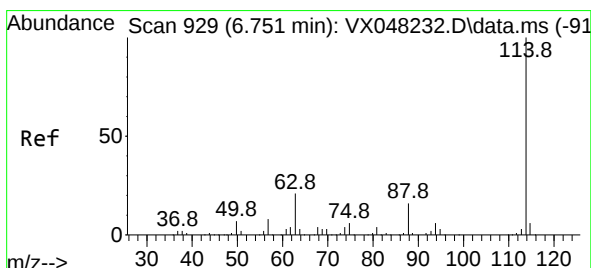
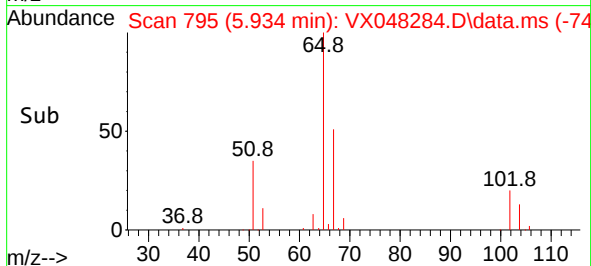
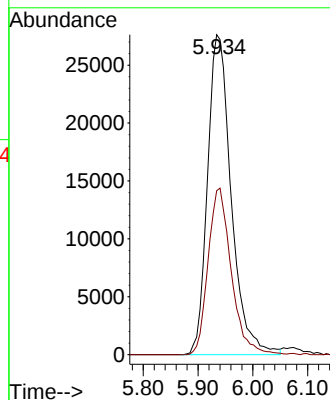
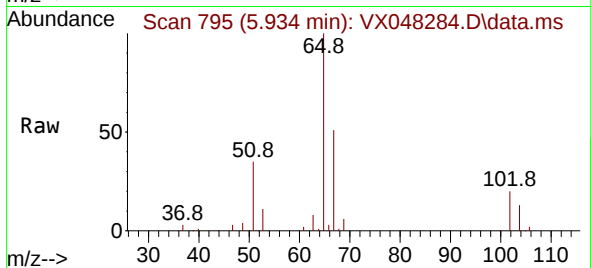
67 50.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

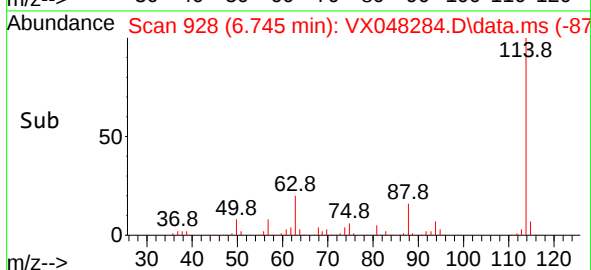
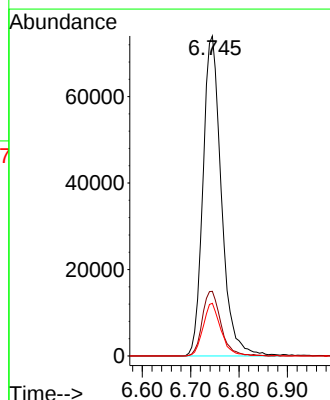
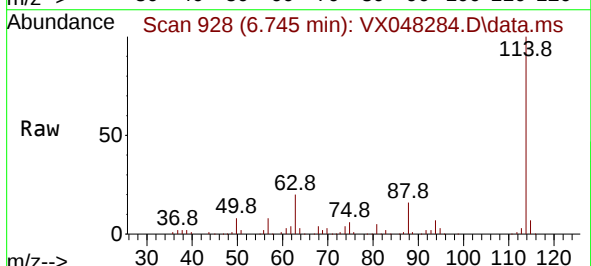
Tgt Ion:114 Resp: 195961

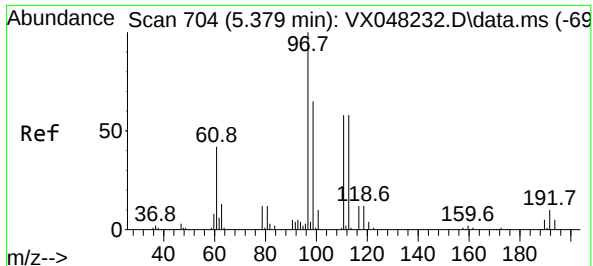
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

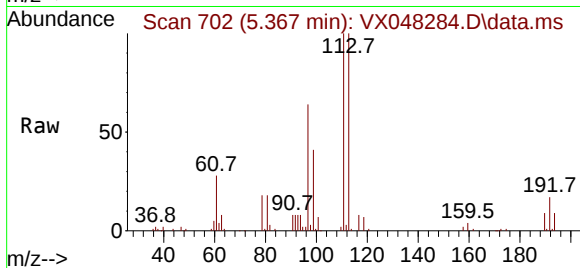
88 16.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

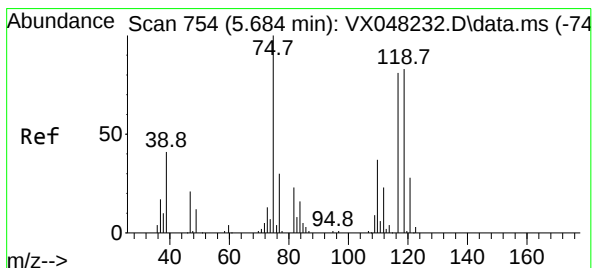
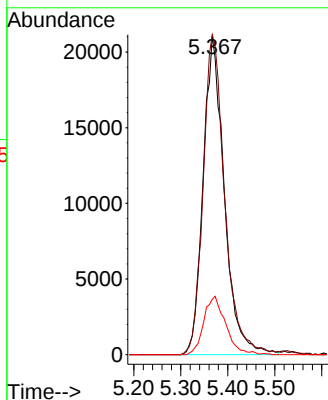
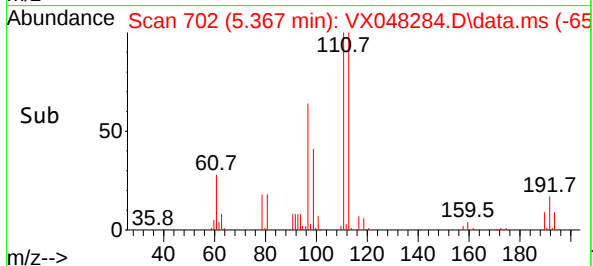
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 113 Resp: 6594
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.9 15.1 22.7

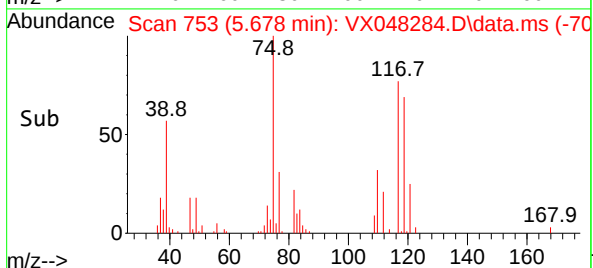
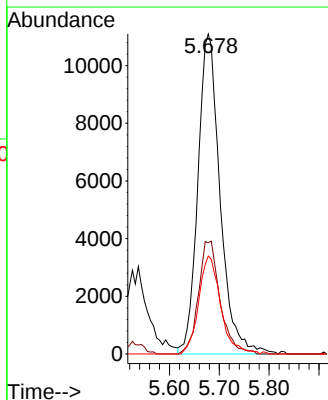
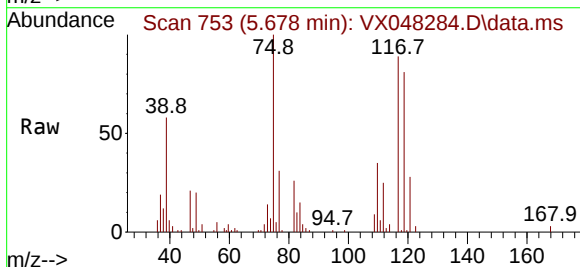
Manual Integrations
APPROVED

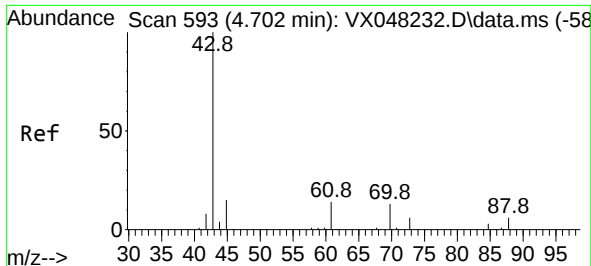
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#36
1,1-Dichloropropene
Concen: 18.089 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 34395
Ion Ratio Lower Upper
75 100
110 34.2 17.7 53.1
77 30.1 24.3 36.5





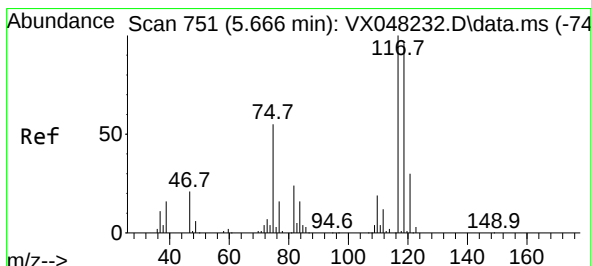
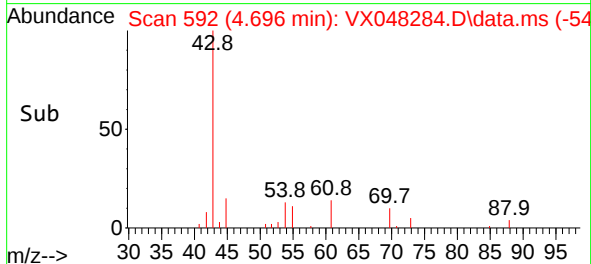
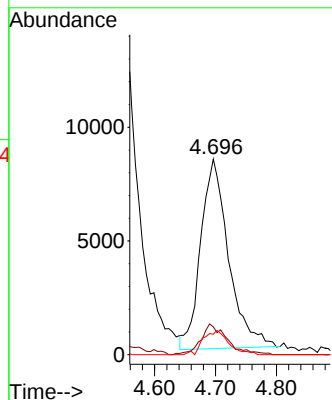
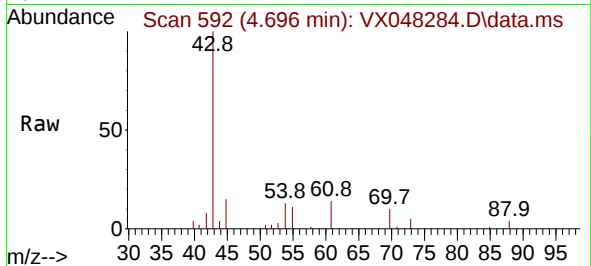
#37
Ethyl Acetate
Concen: 16.828 ug/l
RT: 4.696 min Scan# 592
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 43 Resp: 2652
Ion Ratio Lower Upper
43 100
61 15.4 10.6 15.8
70 11.7 7.8 11.6

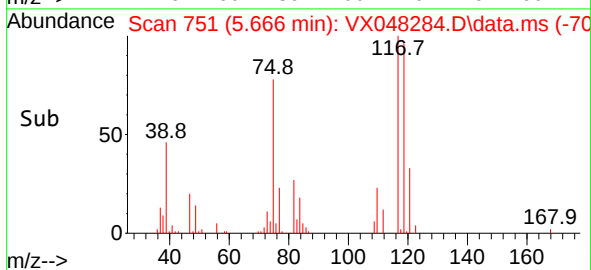
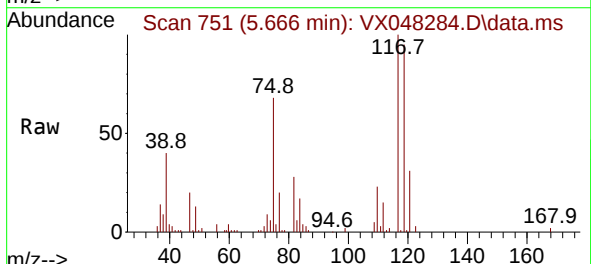
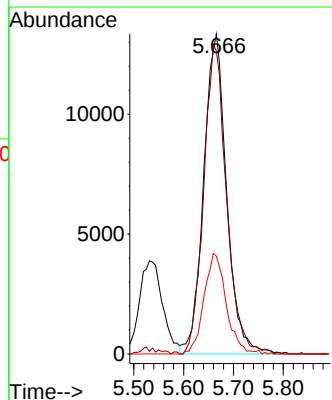
Manual Integrations
APPROVED

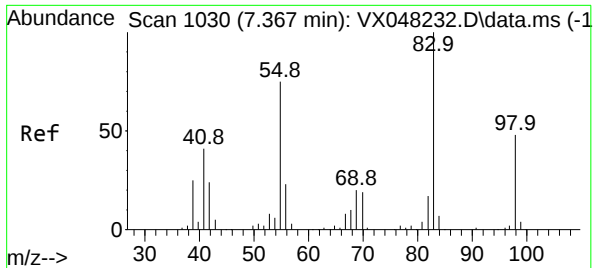
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#38
Carbon Tetrachloride
Concen: 18.252 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:117 Resp: 42819
Ion Ratio Lower Upper
117 100
119 94.7 77.2 115.8
121 30.5 24.8 37.2





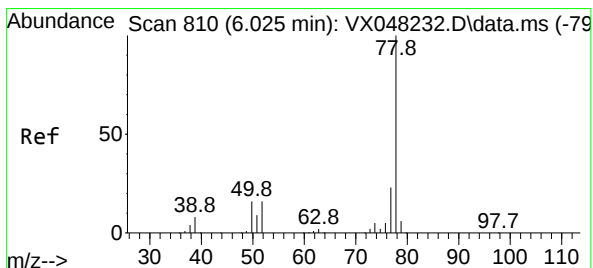
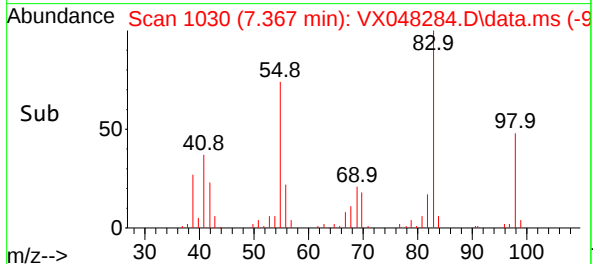
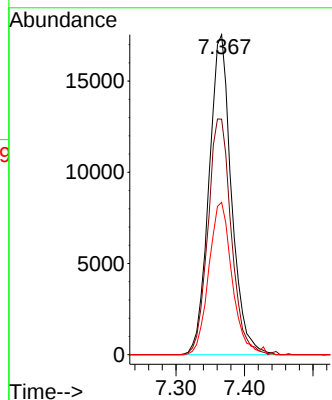
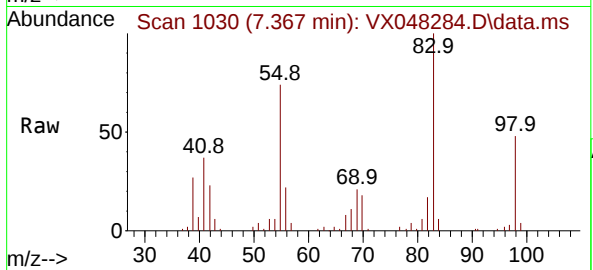
#39
Methylcyclohexane
Concen: 17.817 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 83 Resp: 4001
Ion Ratio Lower Upper
83 100
55 73.6 66.2 99.2
98 47.6 38.9 58.3

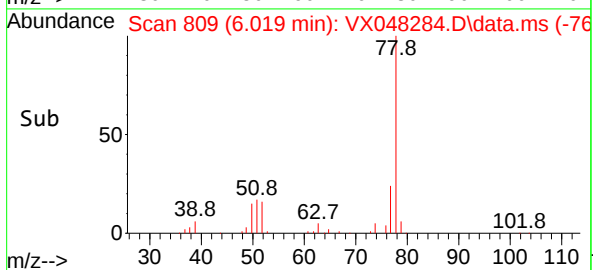
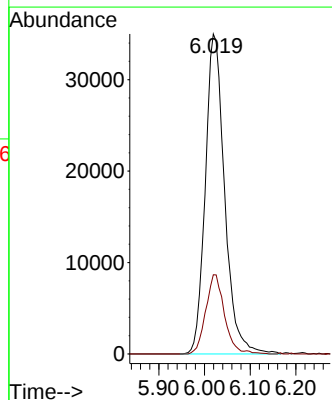
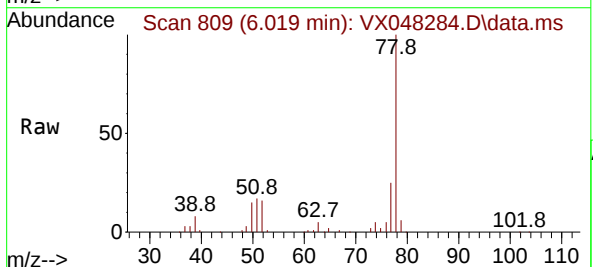
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#40
Benzene
Concen: 18.608 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

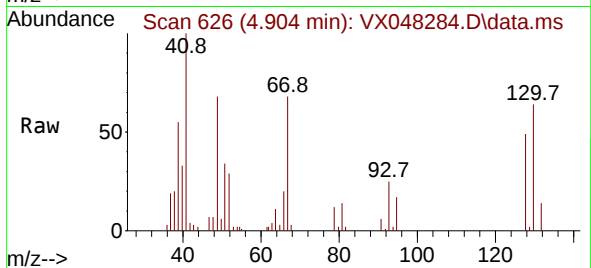
Tgt Ion: 78 Resp: 102728
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 18.516 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

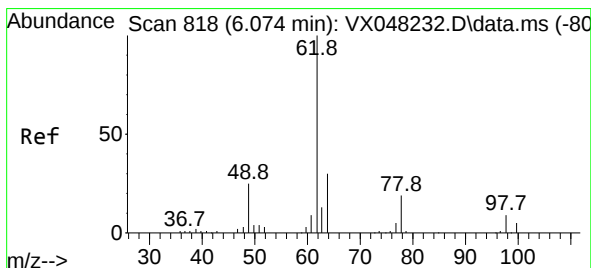
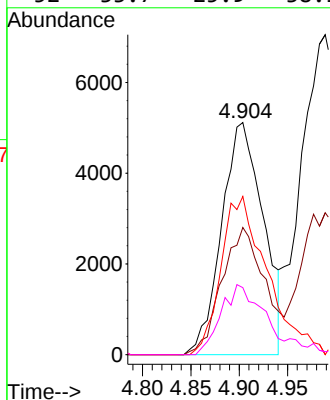
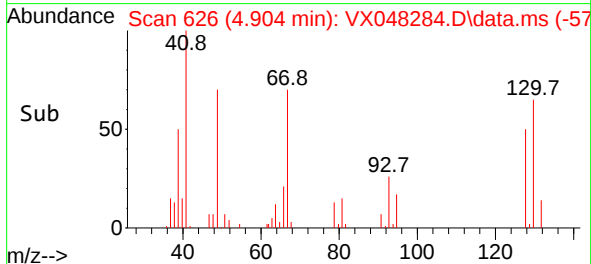
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 41 Resp: 1532
Ion Ratio Lower Upper
41 100
39 57.1 44.0 66.0
67 75.6 58.7 88.1
52 33.7 25.9 38.9

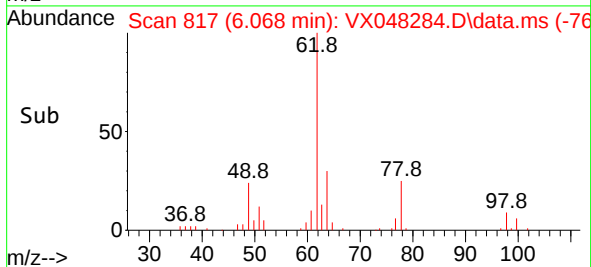
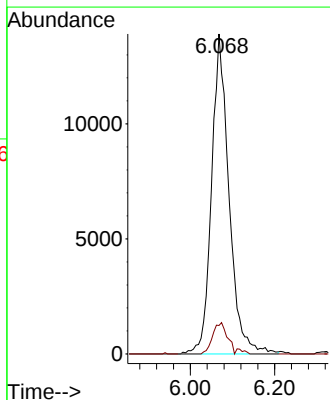
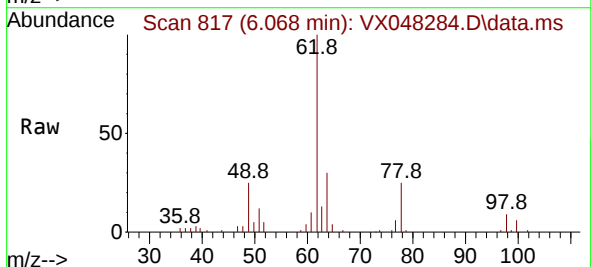
Manual Integrations
APPROVED

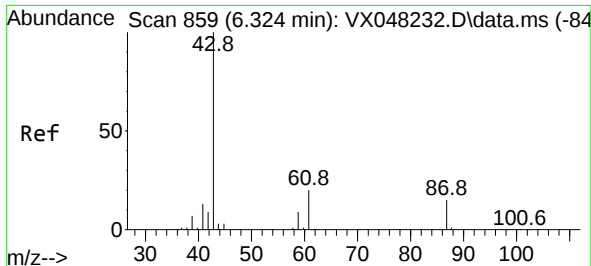
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#42
1,2-Dichloroethane
Concen: 19.615 ug/l
RT: 6.068 min Scan# 817
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

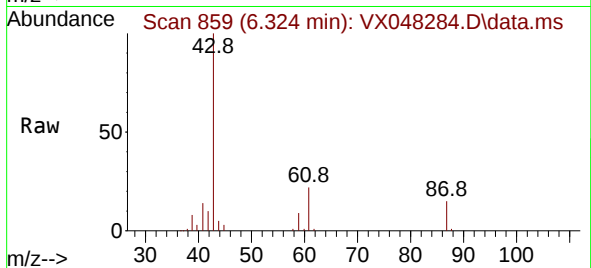
Tgt Ion: 62 Resp: 39959
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2





#43
Isopropyl Acetate
Concen: 18.537 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

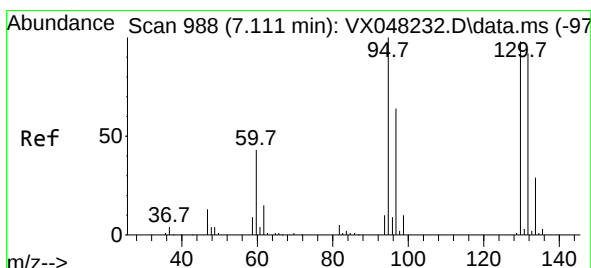
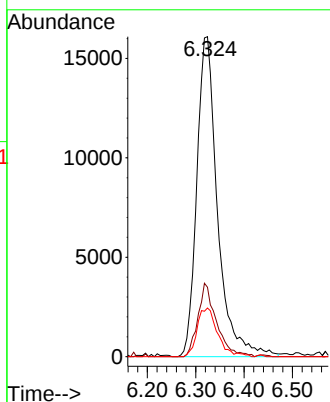
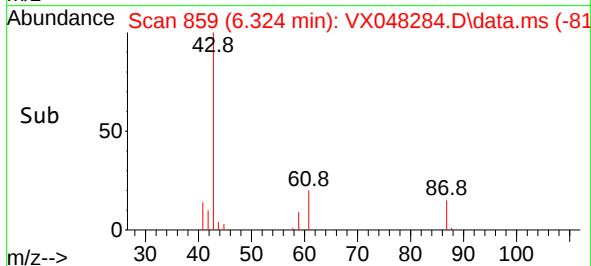
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 43 Resp: 4799
Ion Ratio Lower Upper
43 100
61 20.5 14.9 22.3
87 15.0 9.4 14.2

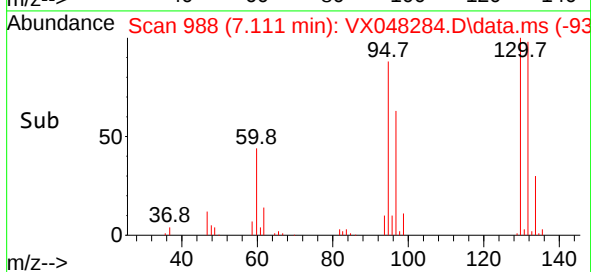
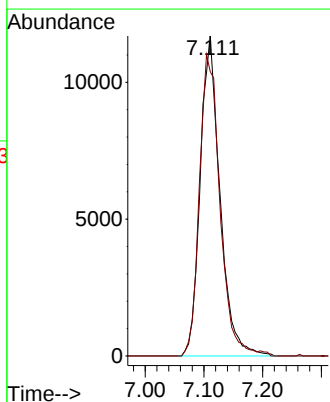
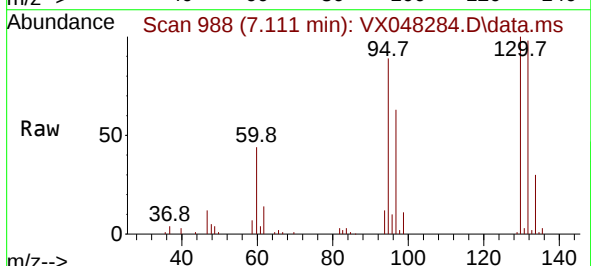
Manual Integrations
APPROVED

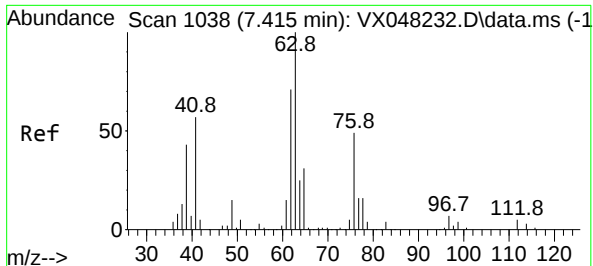
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#44
Trichloroethene
Concen: 18.759 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:130 Resp: 27345
Ion Ratio Lower Upper
130 100
95 88.9 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.317 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 63 Resp: 2535

Ion Ratio Lower Upper

63 100

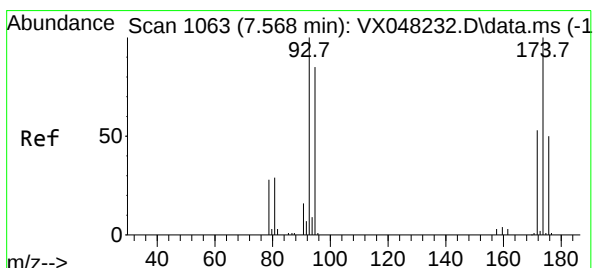
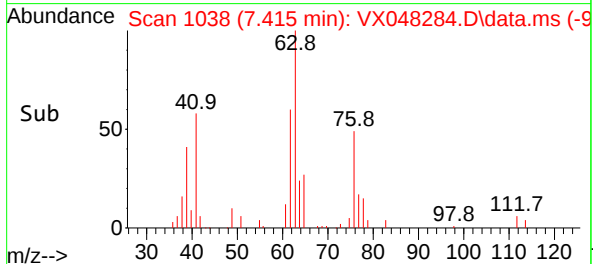
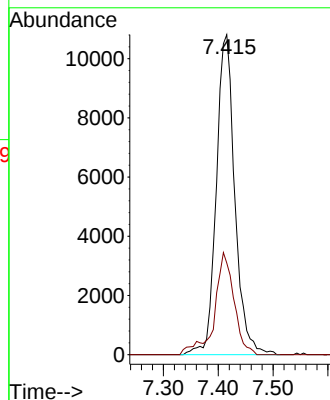
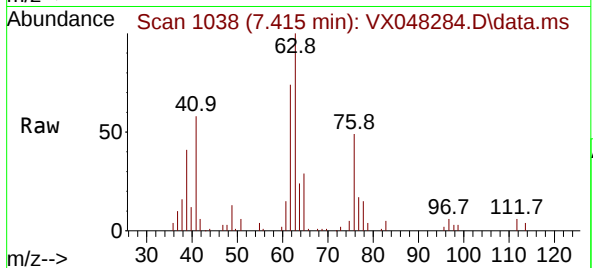
65 28.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#46

Dibromomethane

Concen: 19.710 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

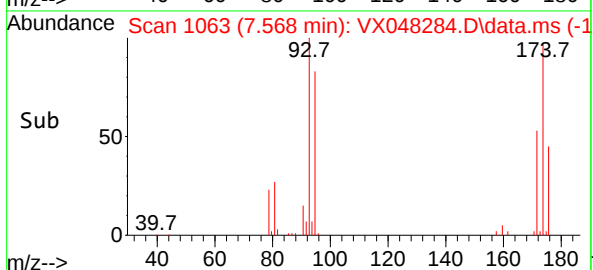
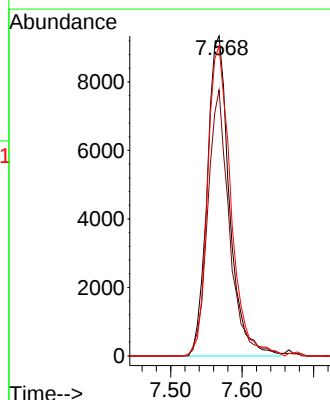
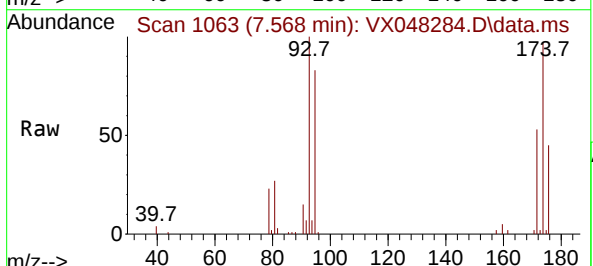
Tgt Ion: 93 Resp: 20155

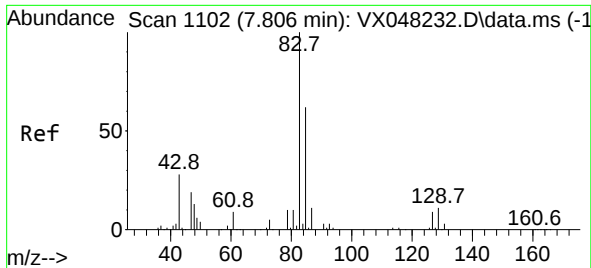
Ion Ratio Lower Upper

93 100

95 81.7 65.9 98.9

174 101.1 71.7 107.5





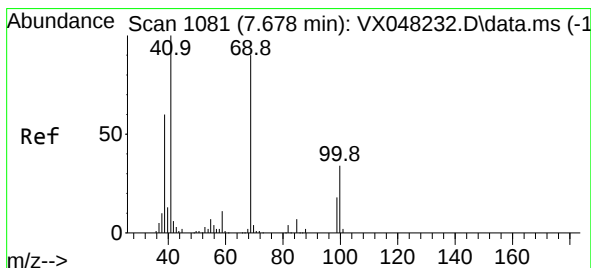
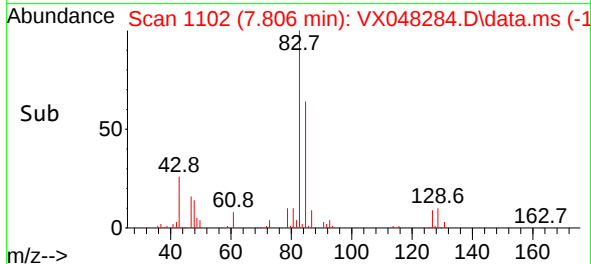
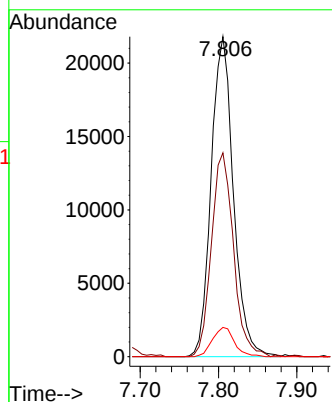
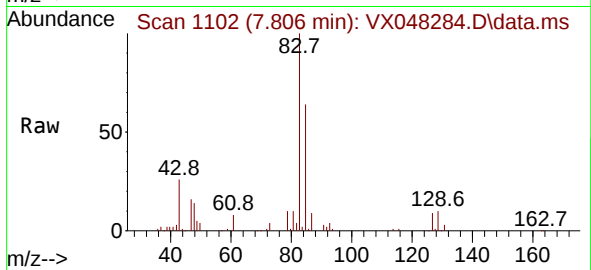
#47
Bromodichloromethane
Concen: 19.480 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 83 Resp: 43009
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.4
127 9.0 7.3 10.9

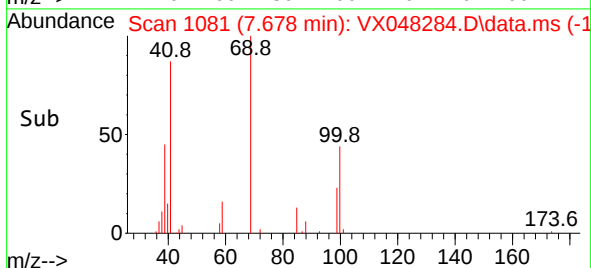
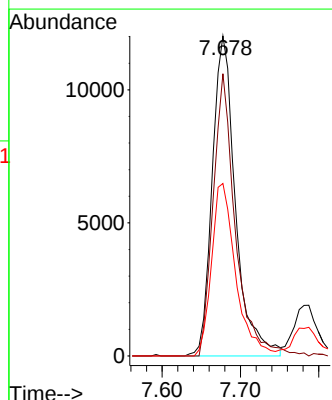
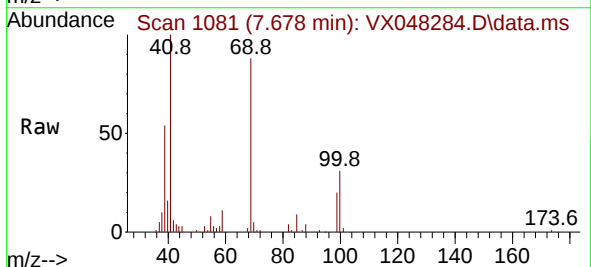
Manual Integrations
APPROVED

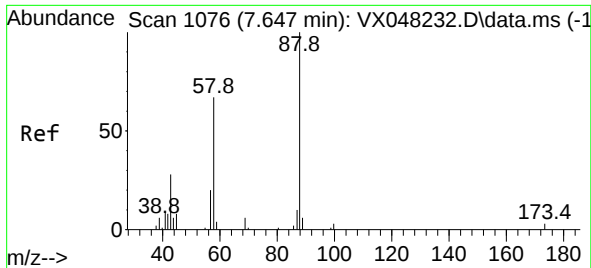
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#48
Methyl methacrylate
Concen: 18.959 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

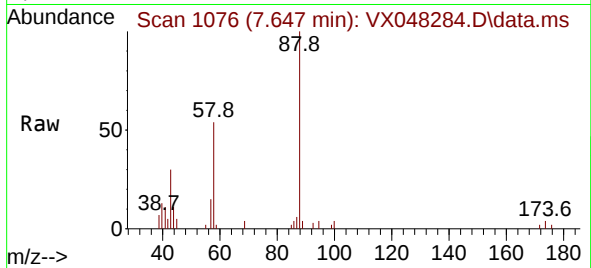
Tgt Ion: 41 Resp: 24768
Ion Ratio Lower Upper
41 100
69 84.3 63.4 95.0
39 56.1 47.1 70.7





#49
1,4-Dioxane
Concen: 397.302 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

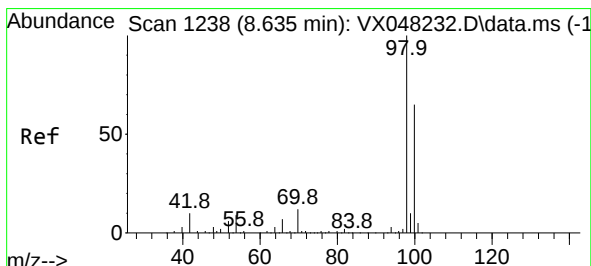
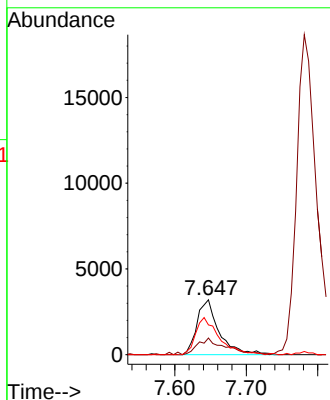
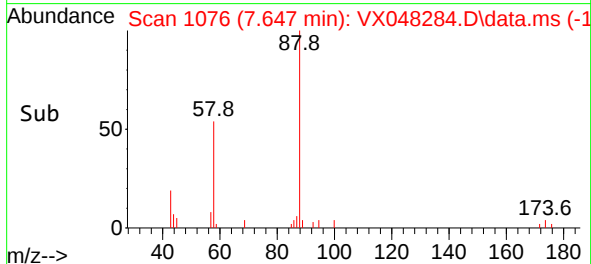
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 88 Resp: 685
Ion Ratio Lower Upper
88 100
43 37.5 35.0 52.4
58 72.0 61.9 92.9

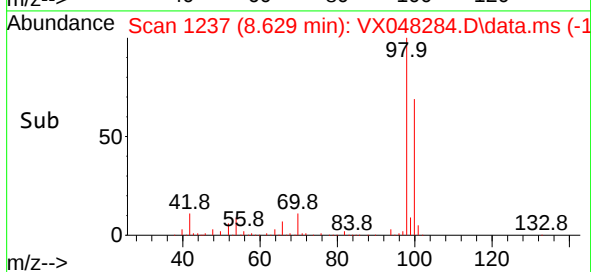
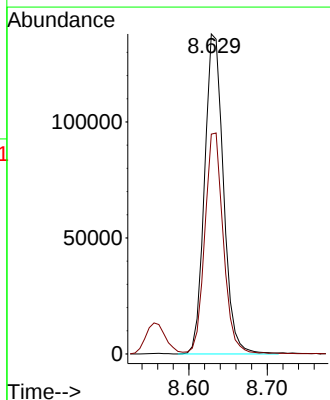
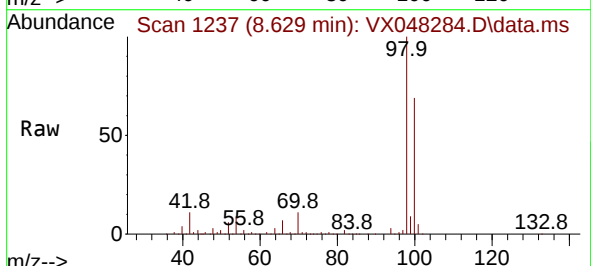
Manual Integrations
APPROVED

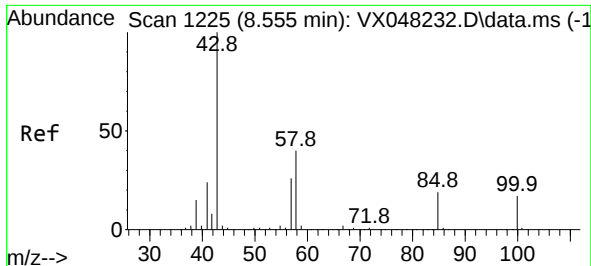
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#50
Toluene-d8
Concen: 49.207 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 98 Resp: 230741
Ion Ratio Lower Upper
98 100
100 67.8 53.0 79.4





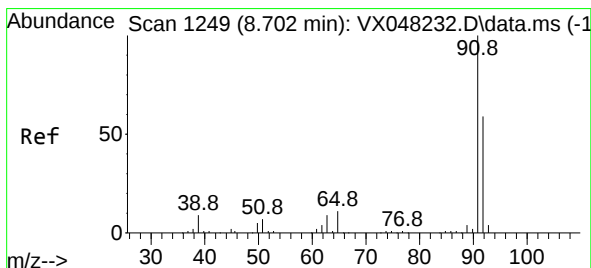
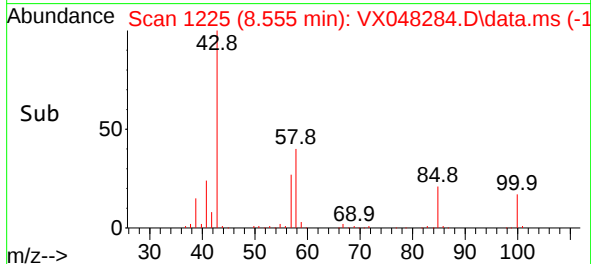
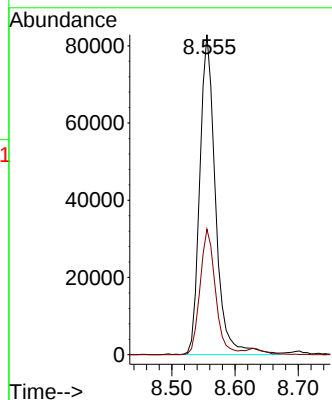
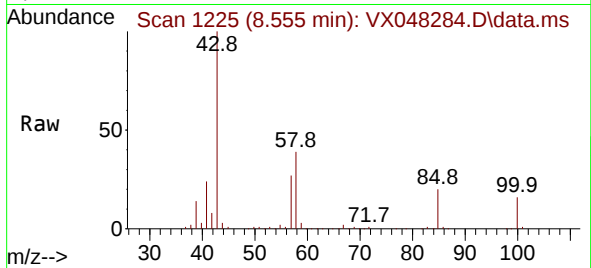
#51
4-Methyl-2-Pentanone
Concen: 96.190 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 43 Resp: 143580
Ion Ratio Lower Upper
43 100
58 38.3 29.5 44.3

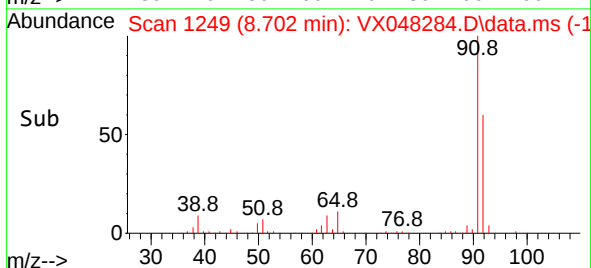
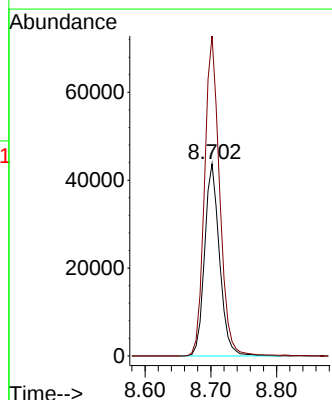
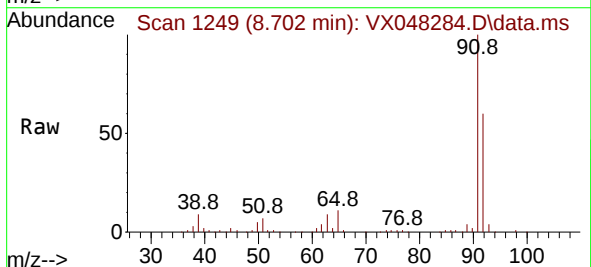
Manual Integrations
APPROVED

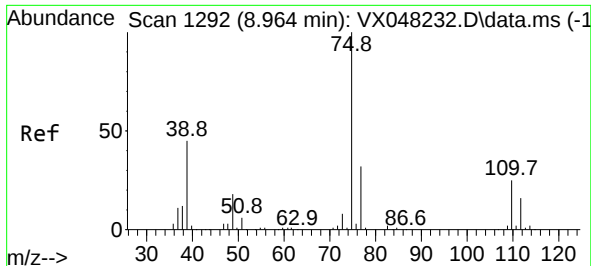
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#52
Toluene
Concen: 19.634 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 92 Resp: 68859
Ion Ratio Lower Upper
92 100
91 168.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.787 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 75 Resp: 42100

Ion Ratio Lower Upper

75 100

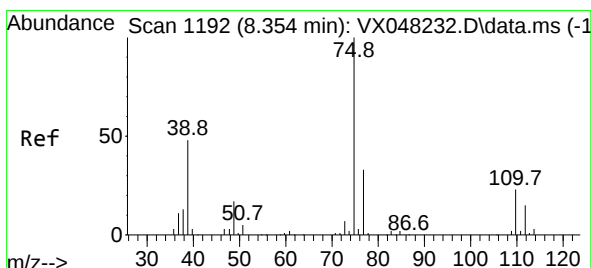
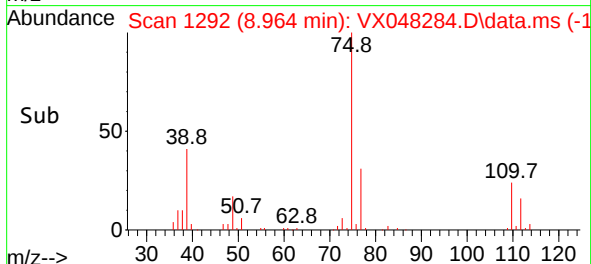
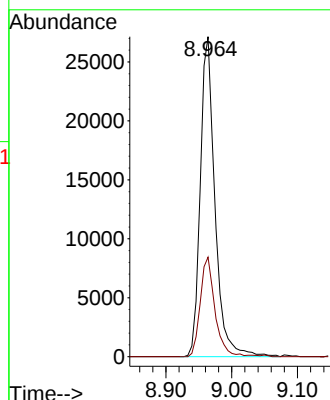
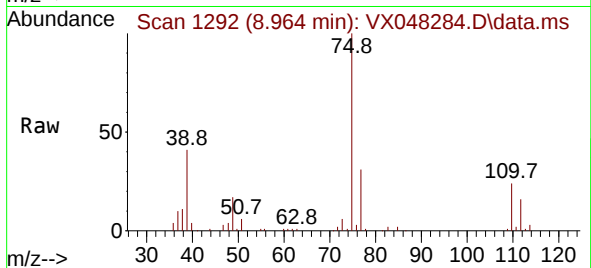
77 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#54

cis-1,3-Dichloropropene

Concen: 19.150 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

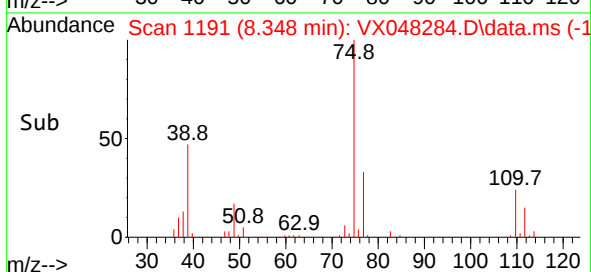
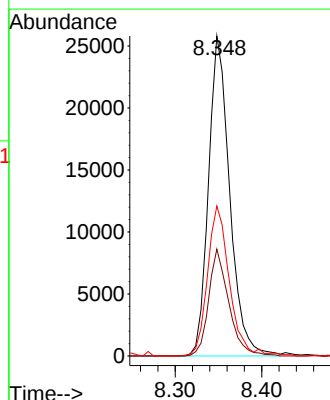
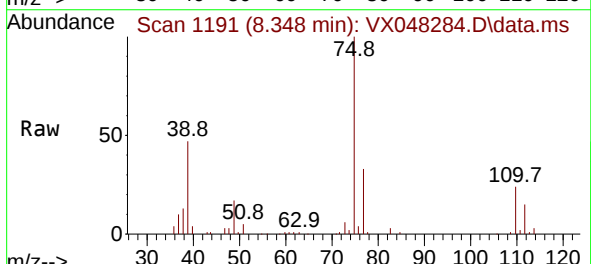
Tgt Ion: 75 Resp: 43961

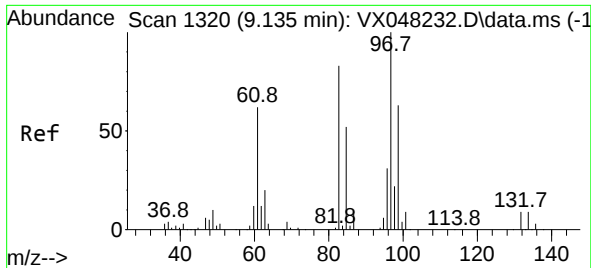
Ion Ratio Lower Upper

75 100

77 33.4 24.9 37.3

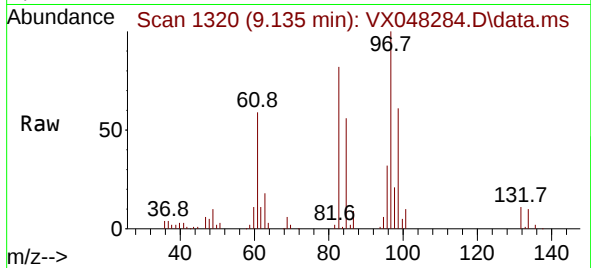
39 45.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.033 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

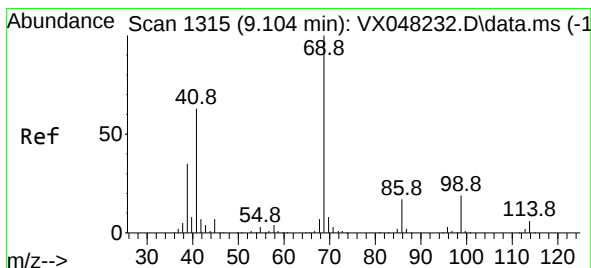
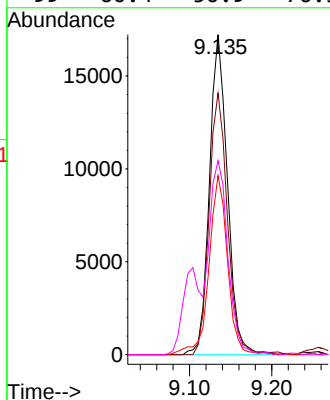
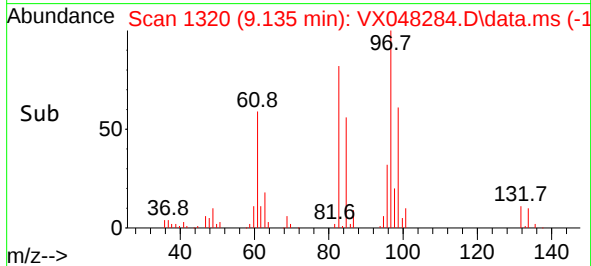
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



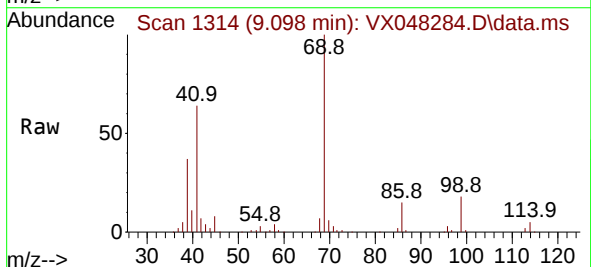
Tgt Ion: 97 Resp: 26128
Ion Ratio Lower Upper
97 100
83 81.8 70.6 105.8
85 56.0 45.0 67.6
99 60.4 50.9 76.3

Manual Integrations
APPROVED

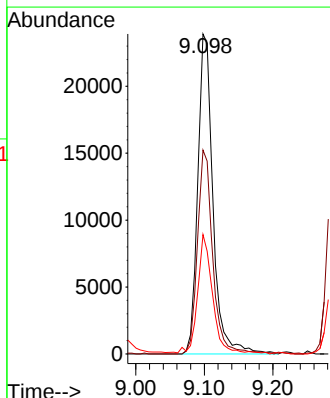
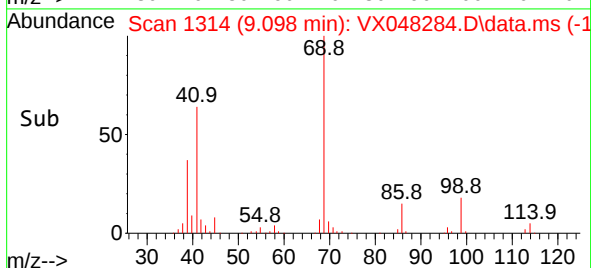
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

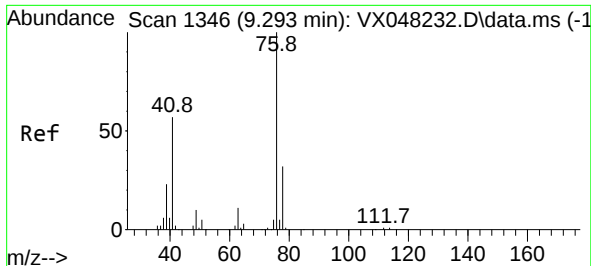


#56
Ethyl methacrylate
Concen: 19.415 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



Tgt Ion: 69 Resp: 37038
Ion Ratio Lower Upper
69 100
41 64.0 56.0 84.0
39 37.2 31.6 47.4





#57

1,3-Dichloropropane

Concen: 19.965 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048284.D

Acq: 22 Oct 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

Tgt Ion: 76 Resp: 44479

Ion Ratio Lower Upper

76 100

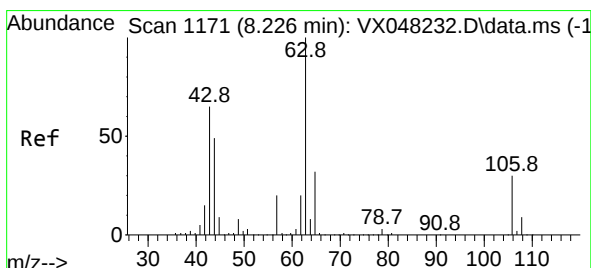
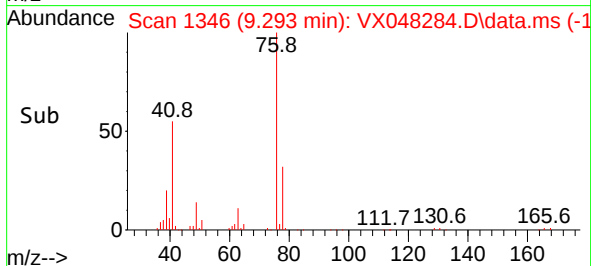
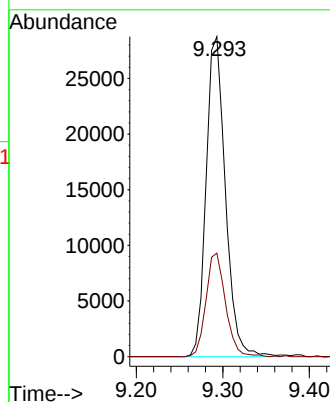
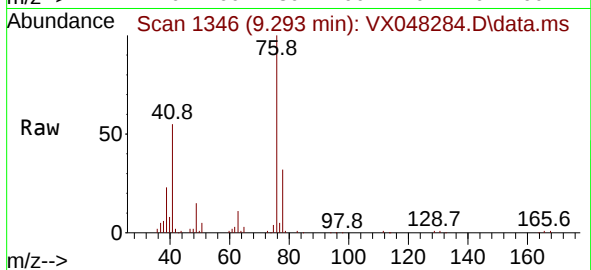
78 32.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.903 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048284.D

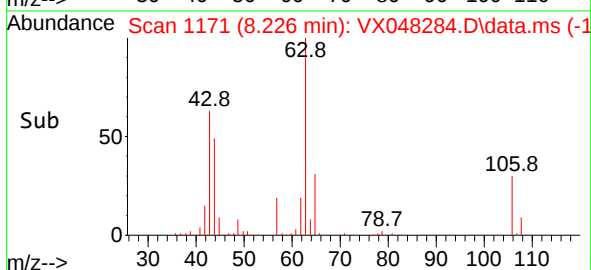
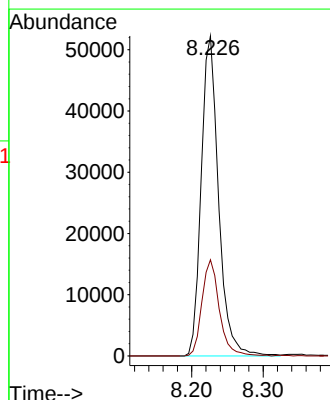
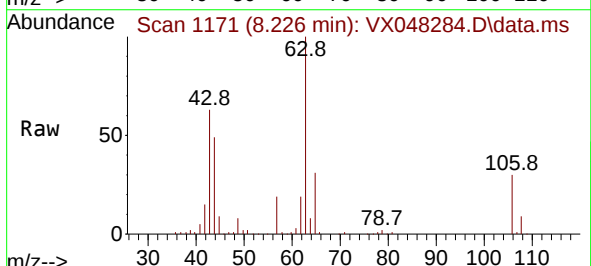
Acq: 22 Oct 2025 10:18

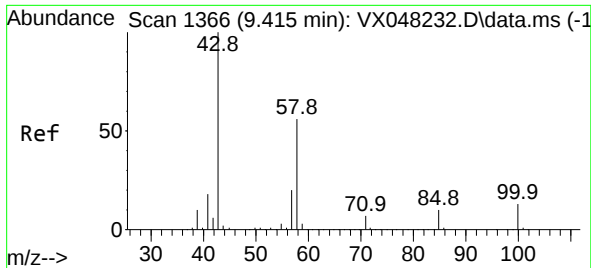
Tgt Ion: 63 Resp: 87997

Ion Ratio Lower Upper

63 100

106 30.2 22.2 33.2





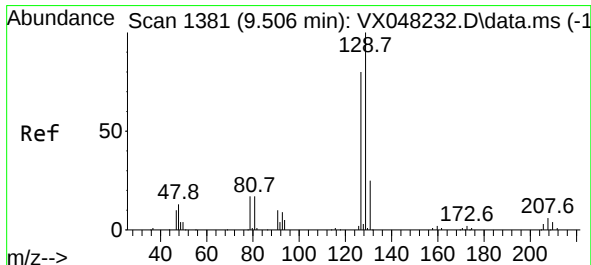
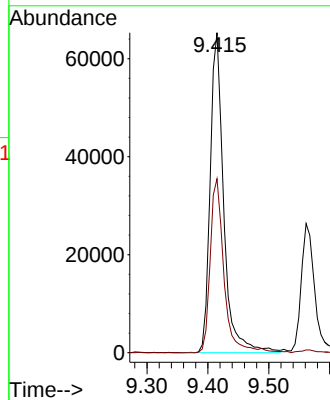
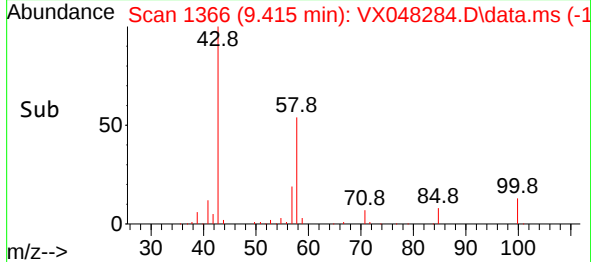
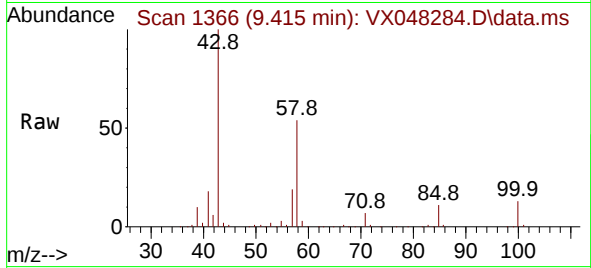
#59
2-Hexanone
Concen: 96.700 ug/l
RT: 9.415 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 43 Resp: 10064
Ion Ratio Lower Upper
43 100
58 55.4 26.3 78.8

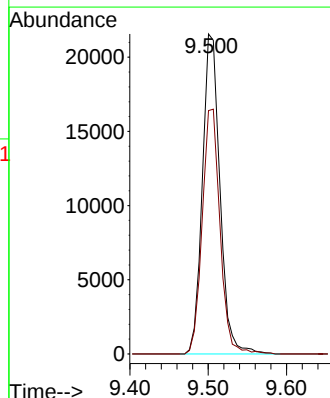
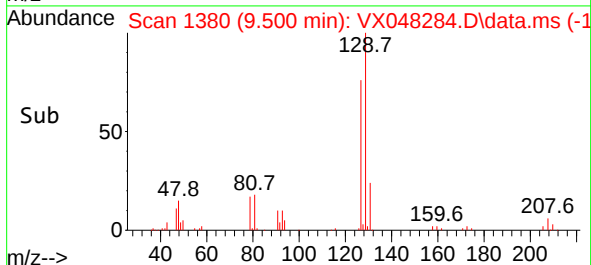
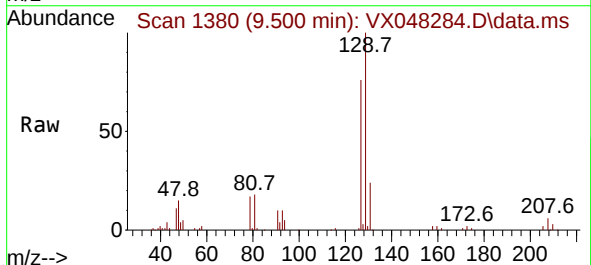
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#60
Dibromochloromethane
Concen: 19.161 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

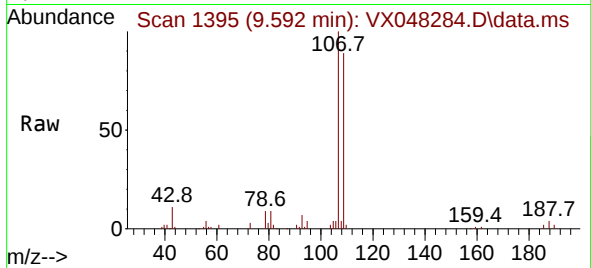
Tgt Ion:129 Resp: 33589
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.496 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

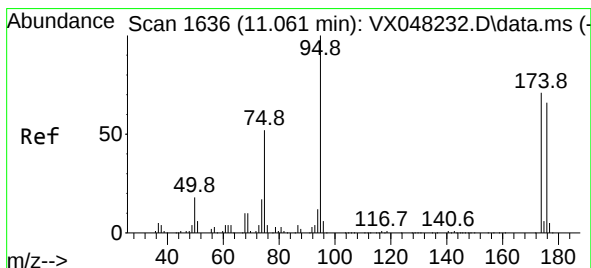
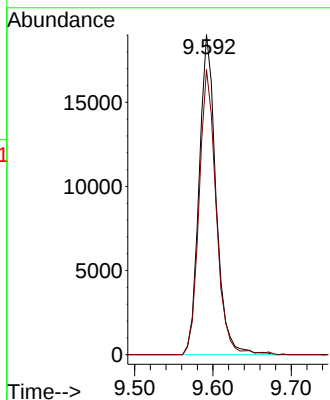
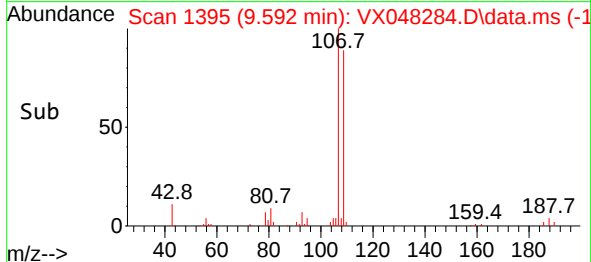
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion:107 Resp: 28498
Ion Ratio Lower Upper
107 100
109 89.8 77.0 115.4

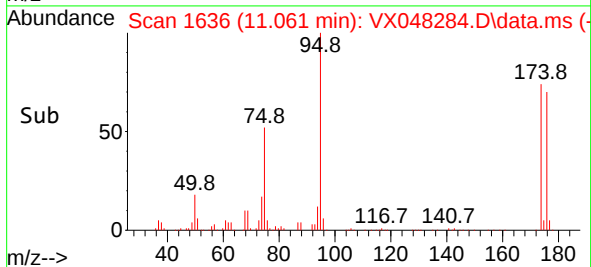
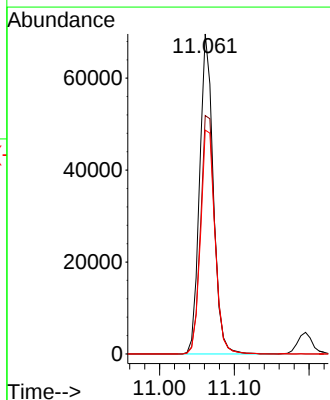
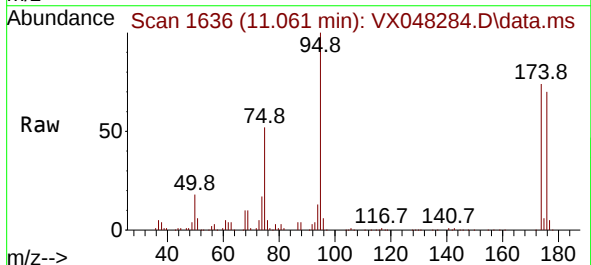
Manual Integrations
APPROVED

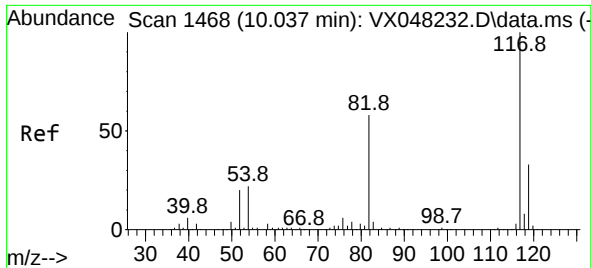
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

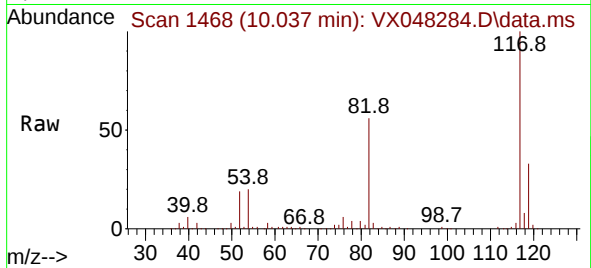
Tgt Ion: 95 Resp: 88101
Ion Ratio Lower Upper
95 100
174 78.5 0.0 147.8
176 74.2 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

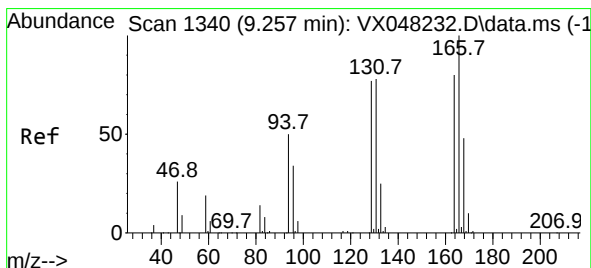
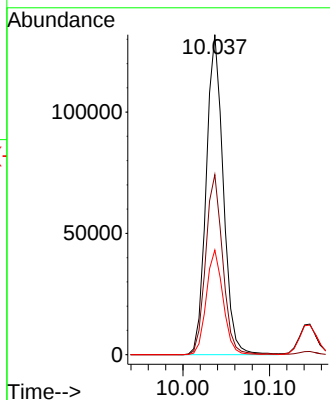
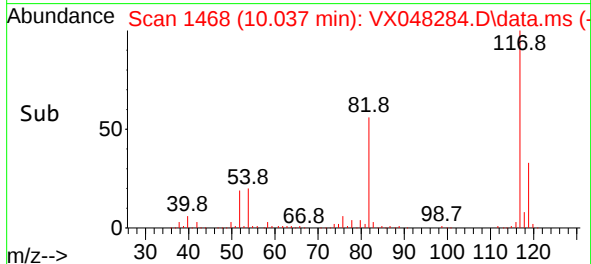
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion:117 Resp: 180624
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 32.7 25.9 38.9

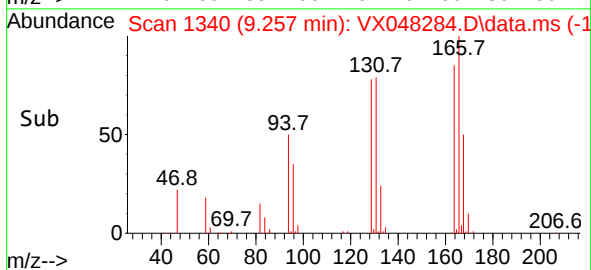
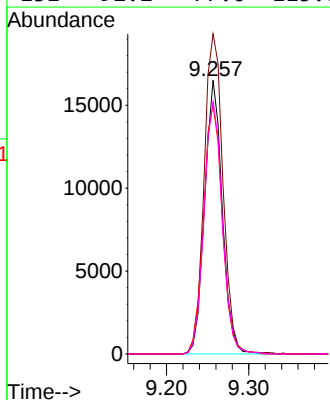
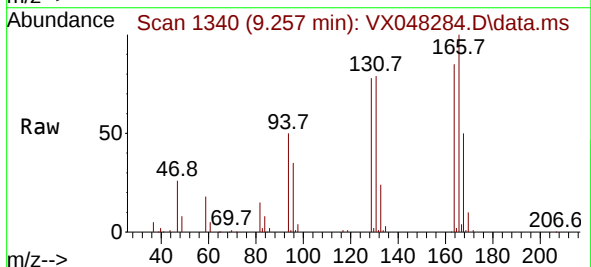
Manual Integrations
APPROVED

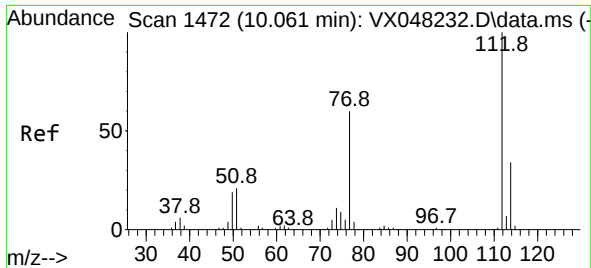
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 18.287 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:164 Resp: 24658
Ion Ratio Lower Upper
164 100
166 117.0 104.5 156.7
129 91.0 81.8 122.6
131 92.2 77.0 115.6





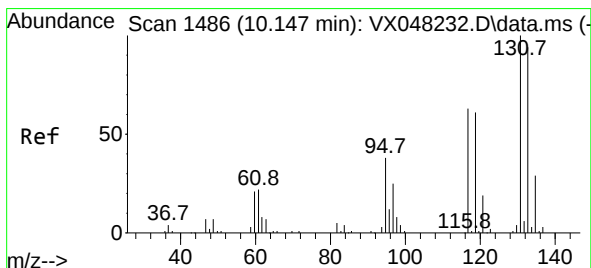
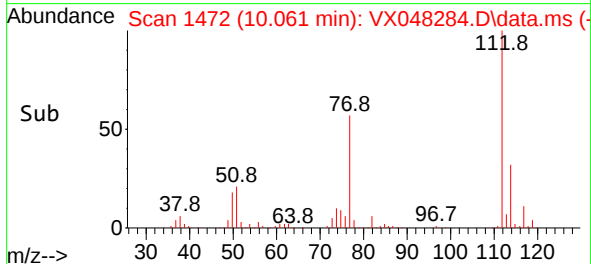
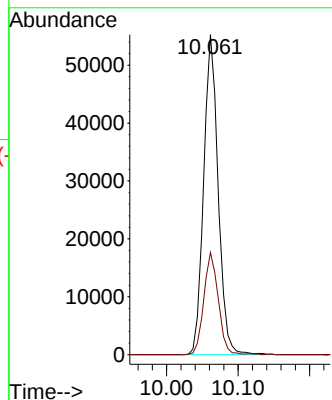
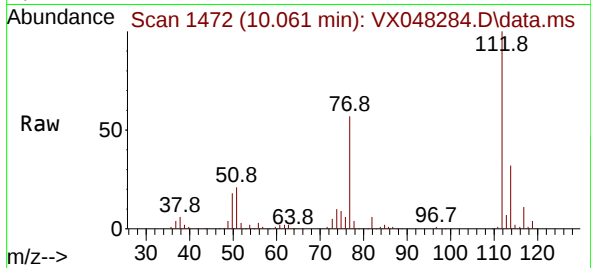
#65
Chlorobenzene
Concen: 19.140 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:112 Resp: 77769
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

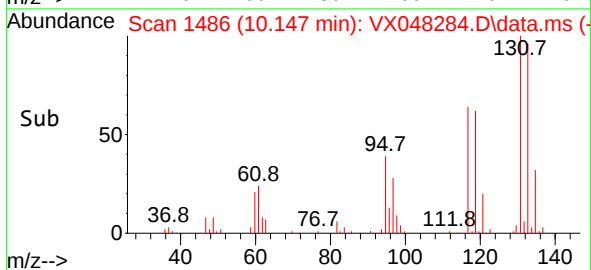
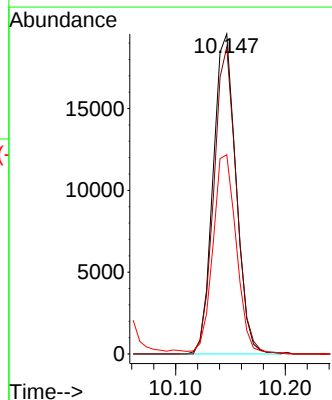
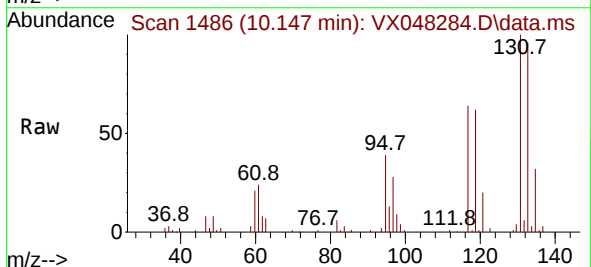
Manual Integrations
APPROVED

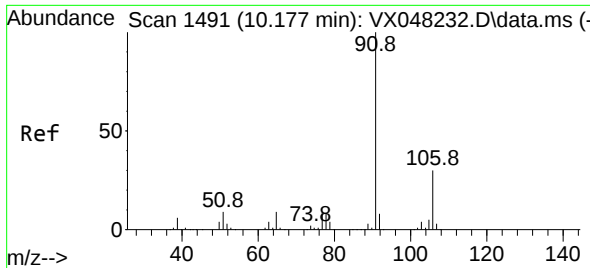
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.982 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

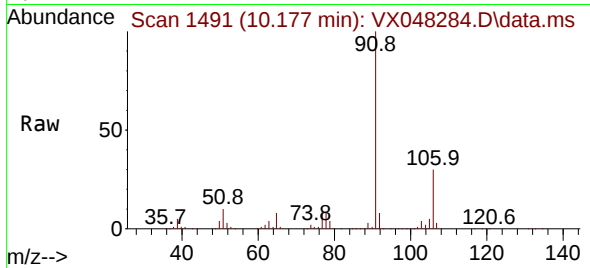
Tgt Ion:131 Resp: 28328
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.8
119 64.1 32.5 97.5





#67
Ethyl Benzene
Concen: 18.749 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

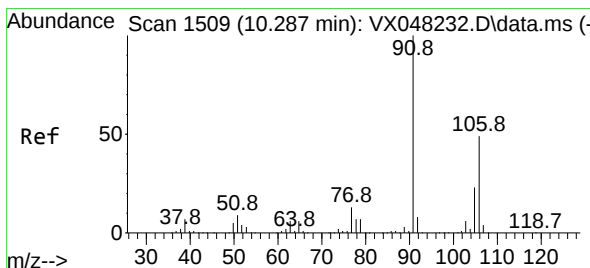
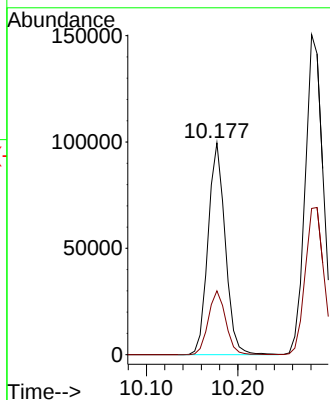
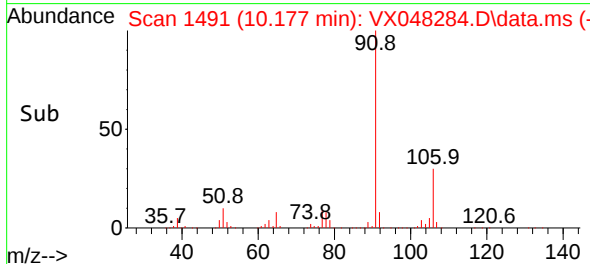
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



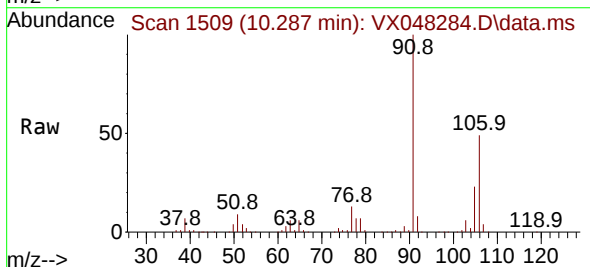
Tgt Ion: 91 Resp: 12970
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

Manual Integrations
APPROVED

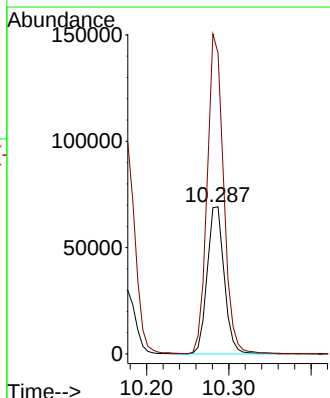
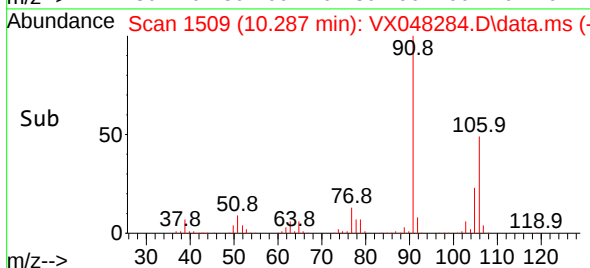
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

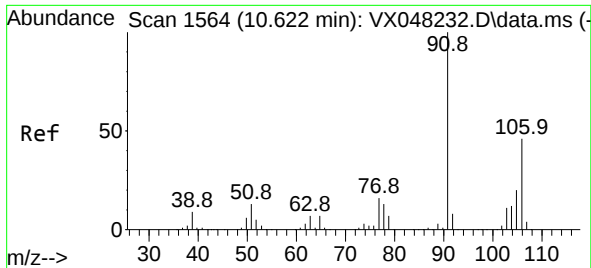


#68
m/p-Xylenes
Concen: 38.899 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



Tgt Ion:106 Resp: 99982
Ion Ratio Lower Upper
106 100
91 208.7 167.9 251.9





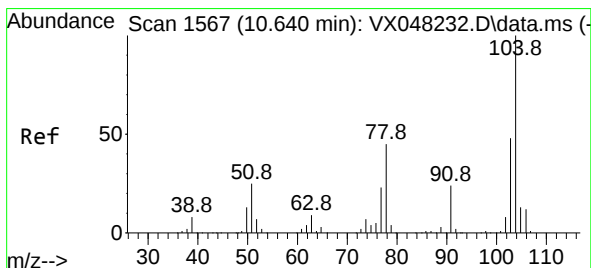
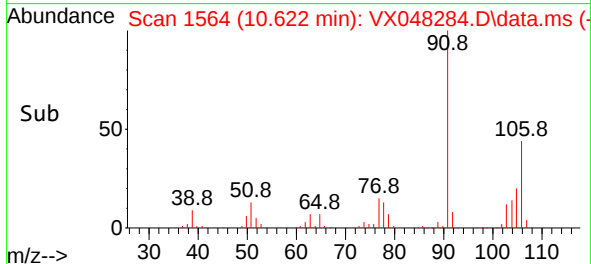
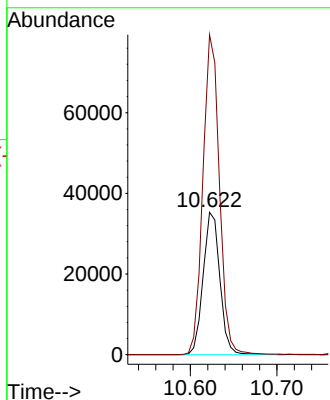
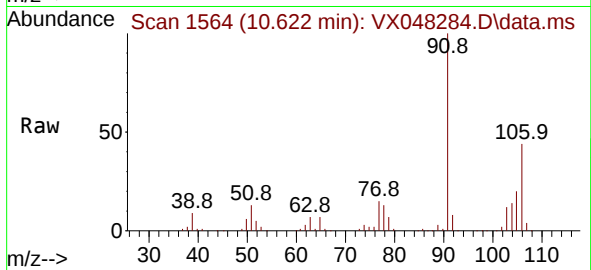
#69
o-Xylene
Concen: 19.068 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:106 Resp: 47318
Ion Ratio Lower Upper
106 100
91 222.3 111.3 333.9

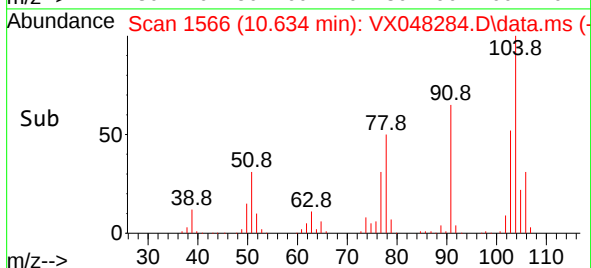
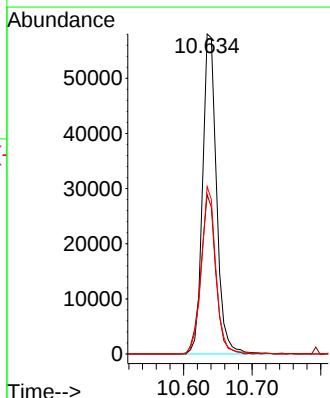
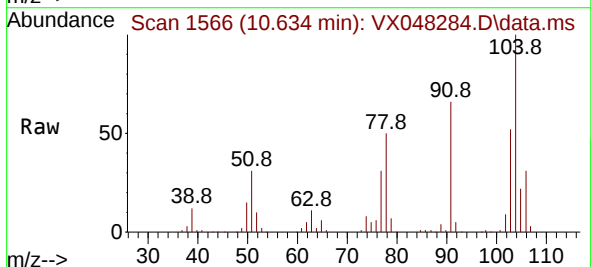
Manual Integrations
APPROVED

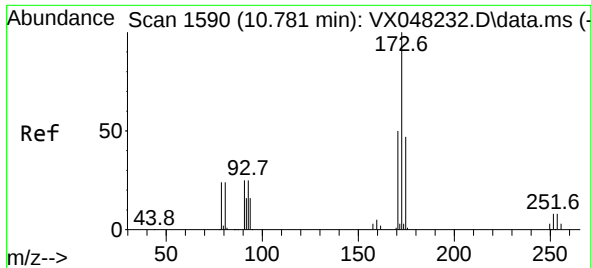
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#70
Styrene
Concen: 19.558 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

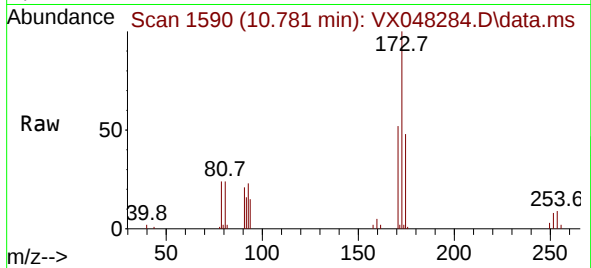
Tgt Ion:104 Resp: 82638
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 54.3 43.0 64.4





#71
Bromoform
Concen: 18.905 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

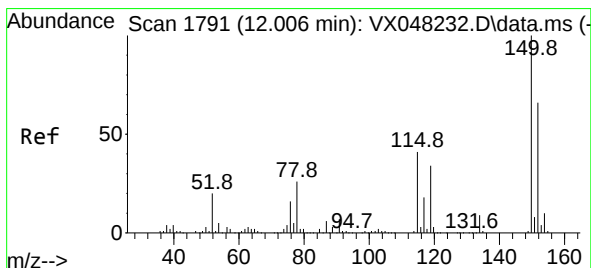
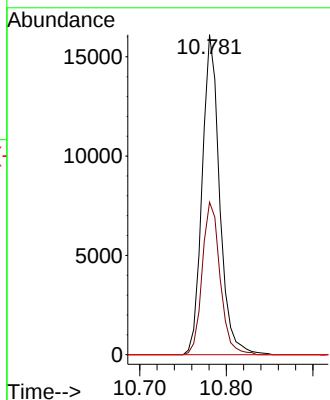
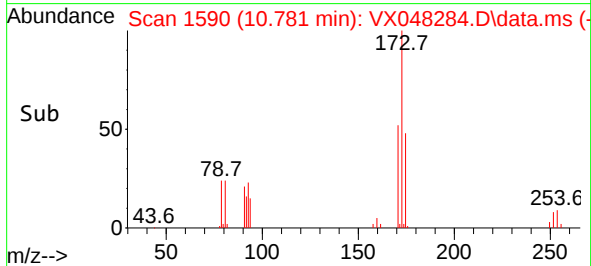
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



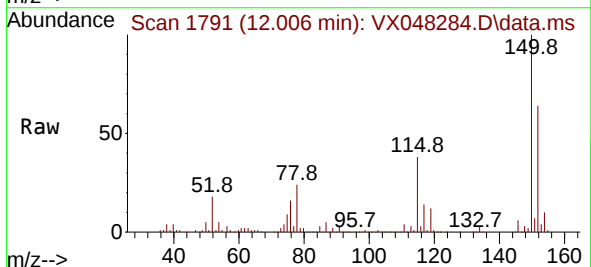
Tgt Ion:173 Resp: 22550
Ion Ratio Lower Upper
173 100
175 48.8 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

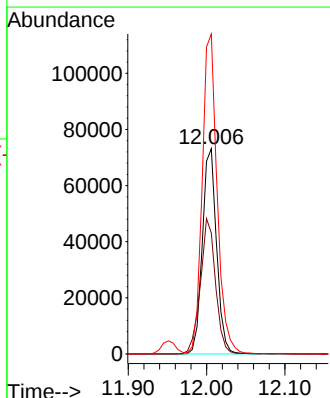
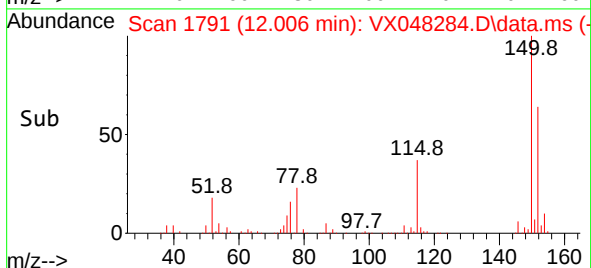
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

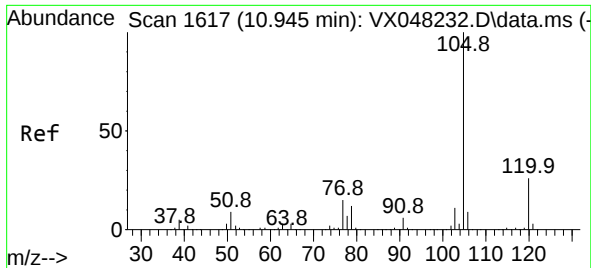


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



Tgt Ion:152 Resp: 92297
Ion Ratio Lower Upper
152 100
115 70.1 43.1 129.4
150 162.8 0.0 353.0





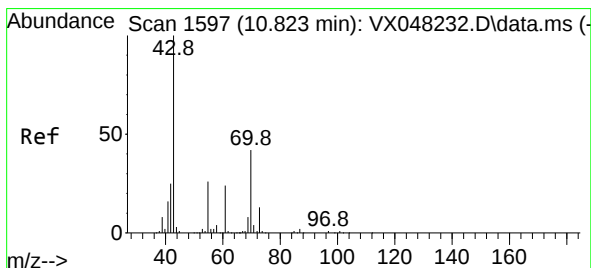
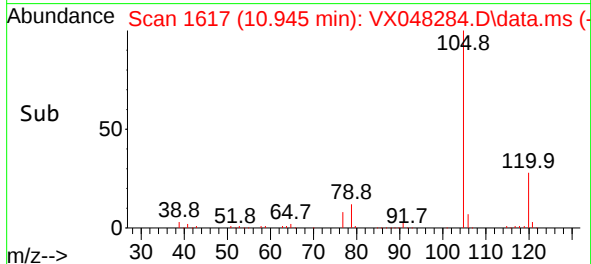
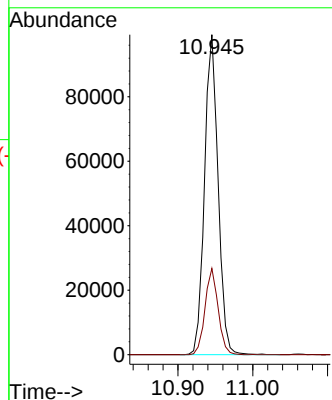
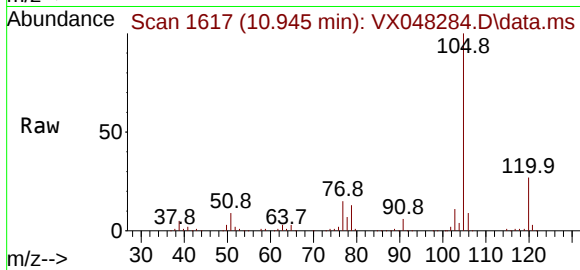
#73
Isopropylbenzene
Concen: 18.532 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion:105 Resp: 124929
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

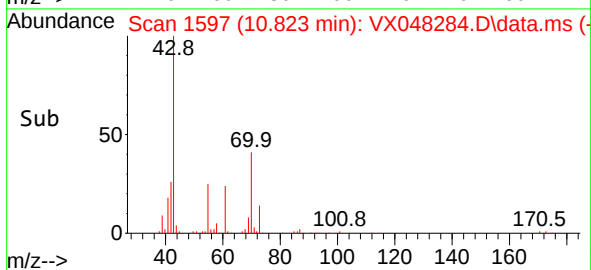
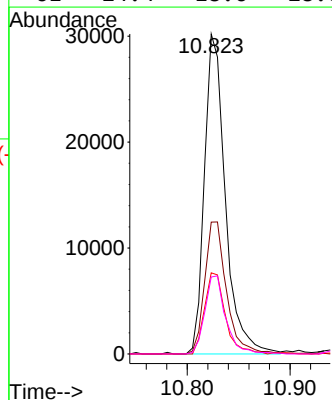
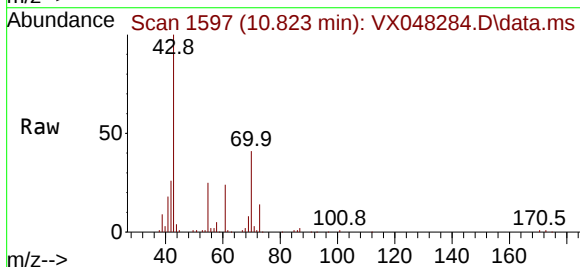
Manual Integrations
APPROVED

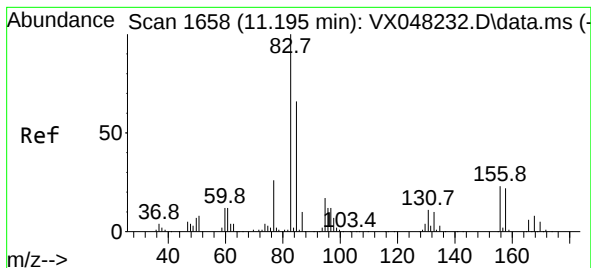
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#74
N-ethyl acetate
Concen: 17.899 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 42802
Ion Ratio Lower Upper
43 100
70 43.3 32.2 48.2
55 25.2 19.1 28.7
61 24.4 18.6 28.0





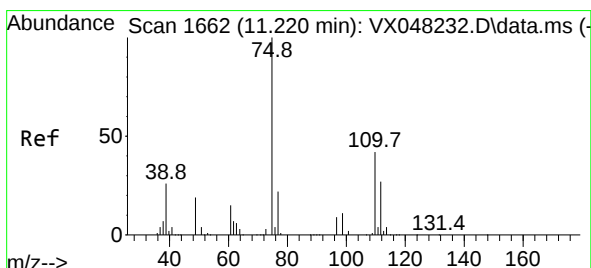
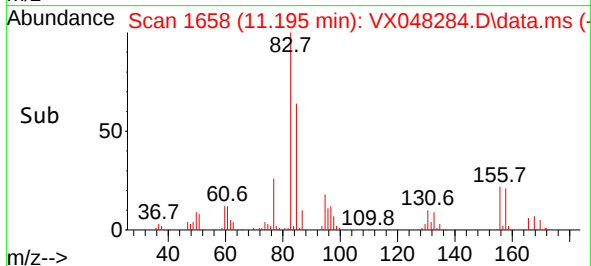
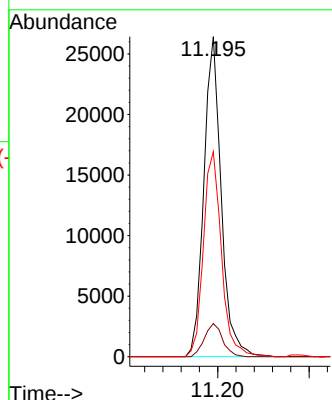
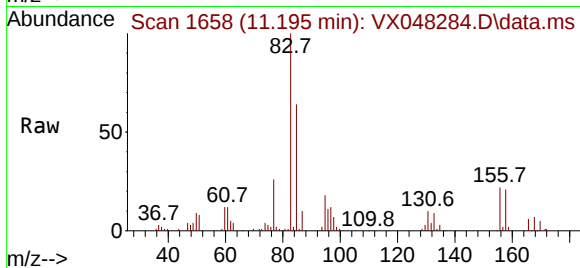
#75
1,1,2,2-Tetrachloroethane
Concen: 18.887 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 83 Resp: 3477
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.4
85 66.4 31.9 95.7

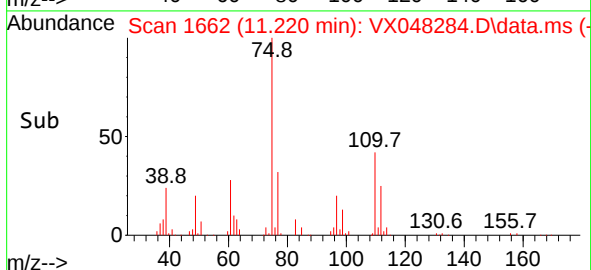
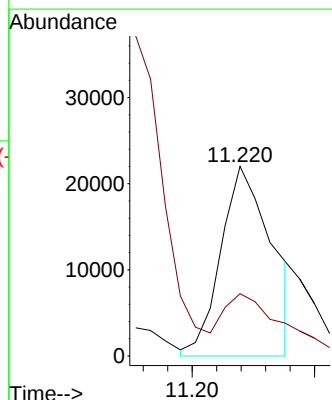
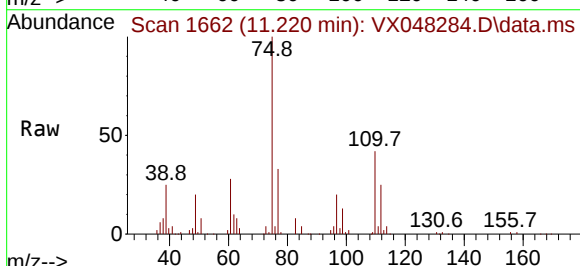
Manual Integrations
APPROVED

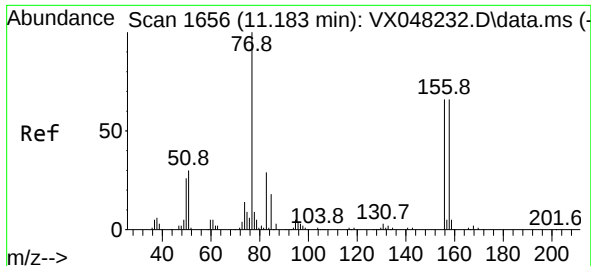
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#76
1,2,3-Trichloropropane
Concen: 21.197 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

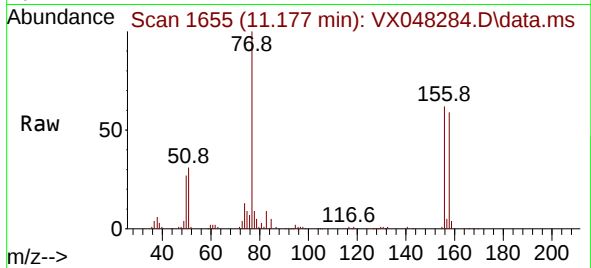
Tgt Ion: 75 Resp: 31727
Ion Ratio Lower Upper
75 100
77 38.8 22.4 67.2





#77
Bromobenzene
Concen: 18.917 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

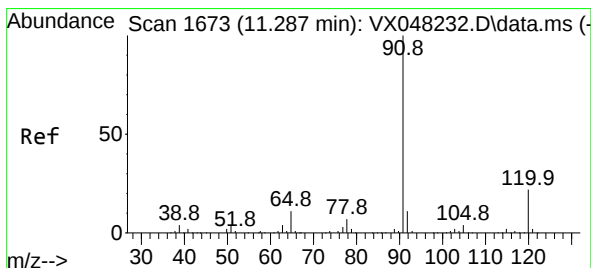
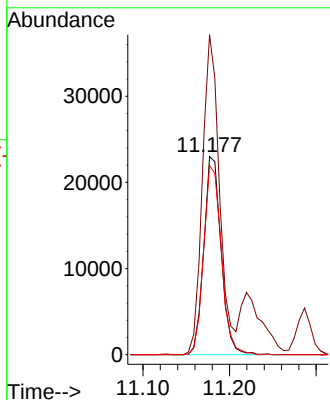
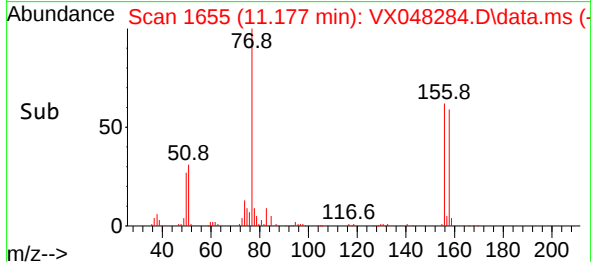
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



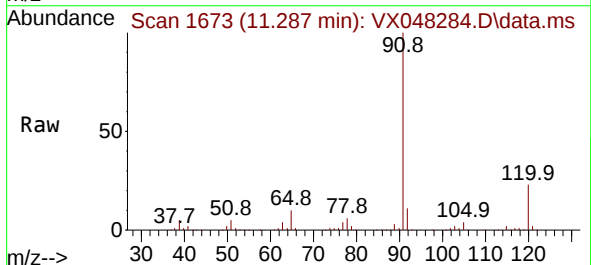
Tgt Ion:156 Resp: 3197
Ion Ratio Lower Upper
156 100
77 159.4 87.0 261.0
158 97.5 47.8 143.4

Manual Integrations
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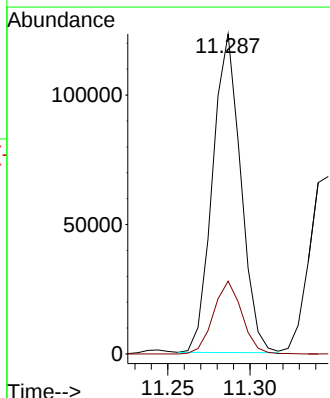
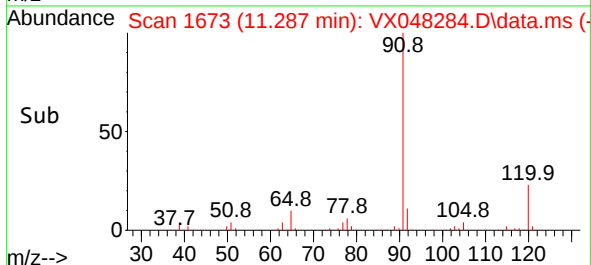
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

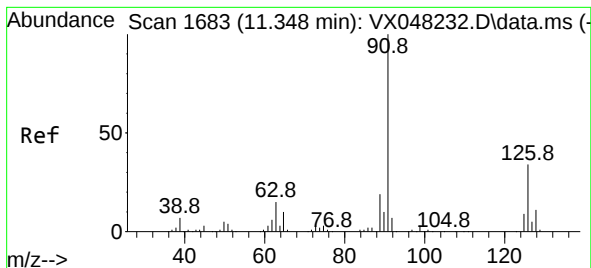


#78
n-propylbenzene
Concen: 18.800 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



Tgt Ion: 91 Resp: 146740
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.1





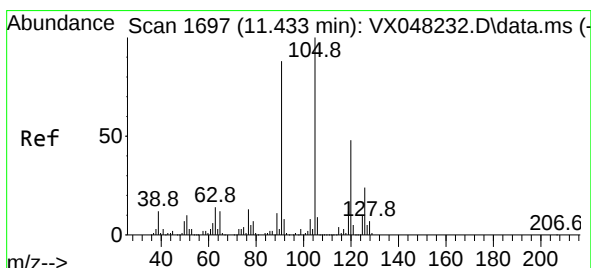
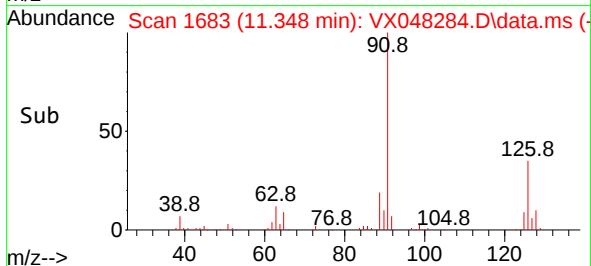
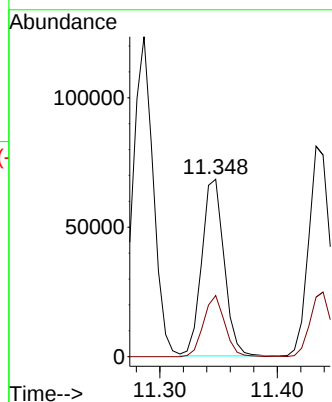
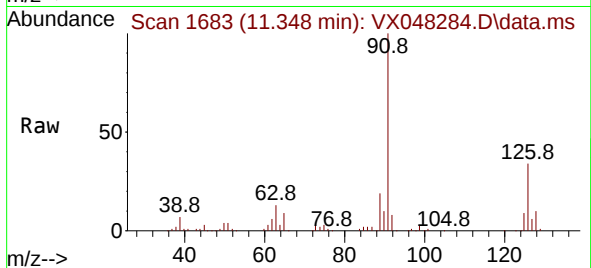
#79
2-Chlorotoluene
Concen: 19.047 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 91 Resp: 90130
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4

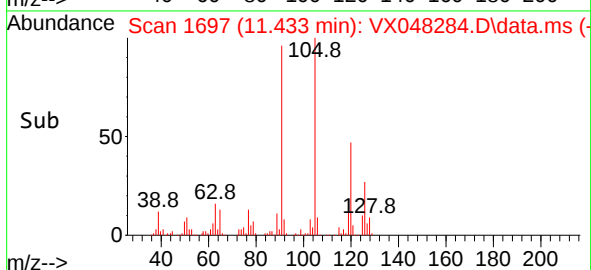
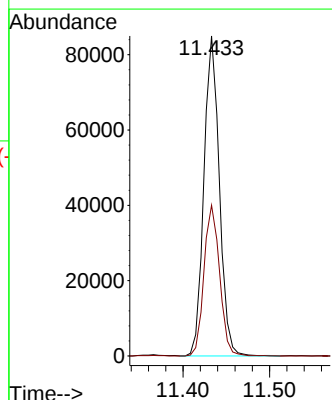
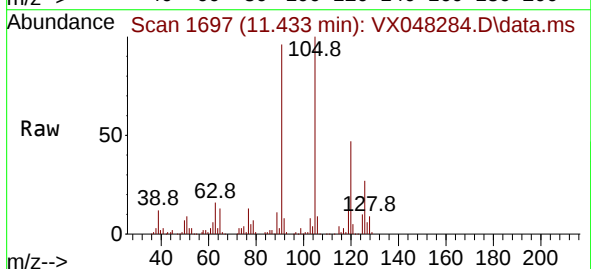
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.861 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 105222
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





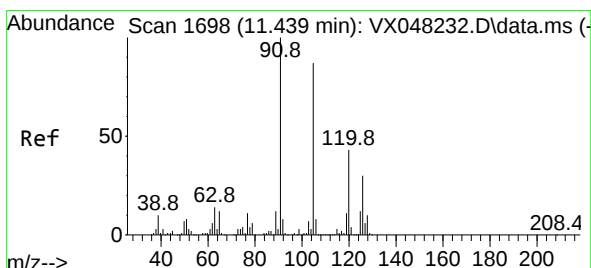
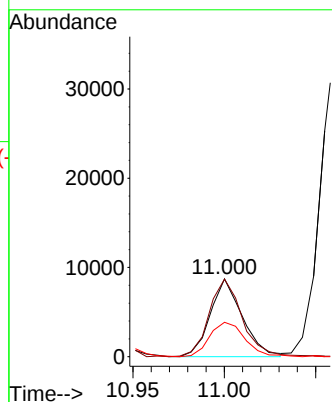
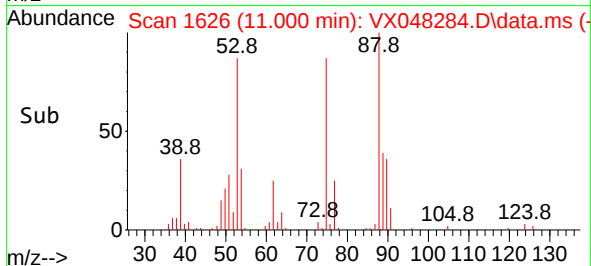
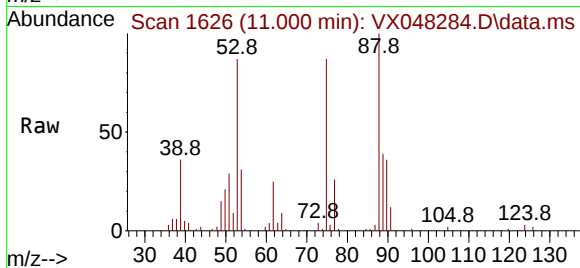
#81
trans-1,4-Dichloro-2-butene
Concen: 17.303 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tgt Ion: 75 Resp: 10649
Ion Ratio Lower Upper
75 100
53 103.6 79.5 119.3
89 48.7 36.8 55.2

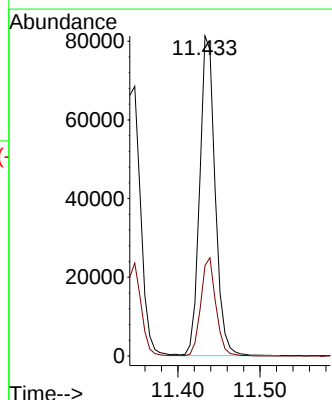
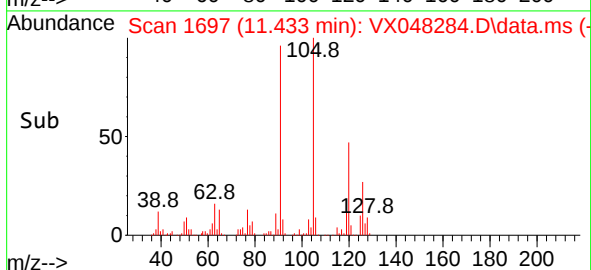
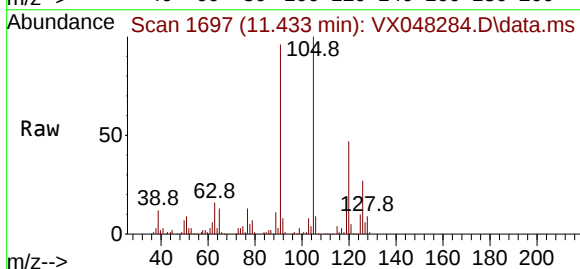
Manual Integrations
APPROVED

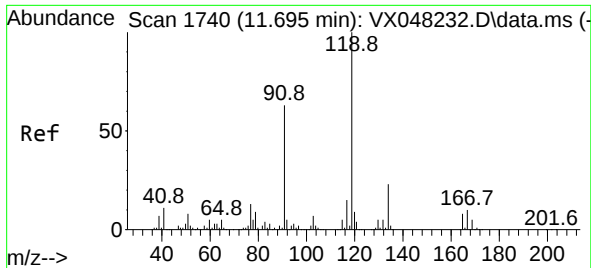
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#82
4-Chlorotoluene
Concen: 18.803 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

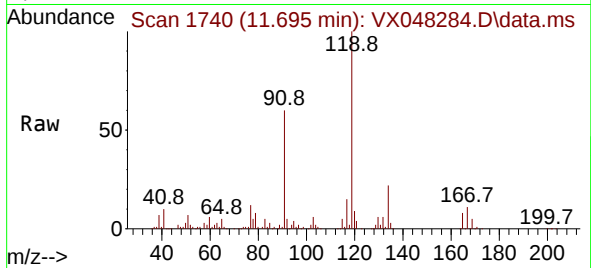
Tgt Ion: 91 Resp: 105630
Ion Ratio Lower Upper
91 100
126 30.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.752 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

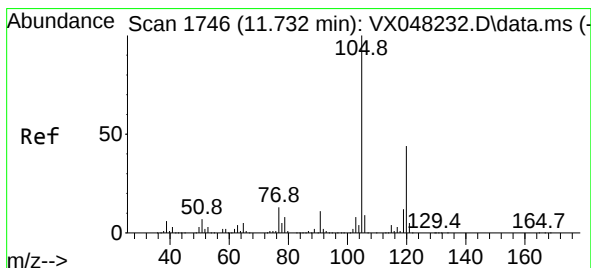
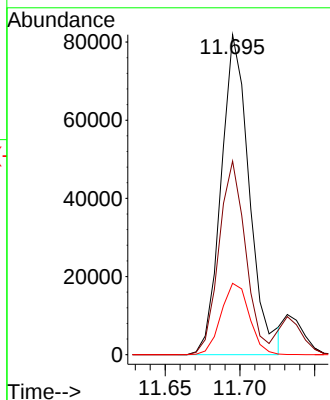
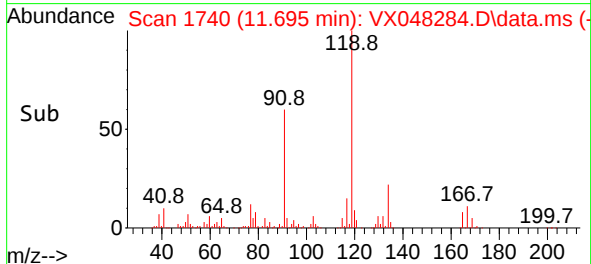
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



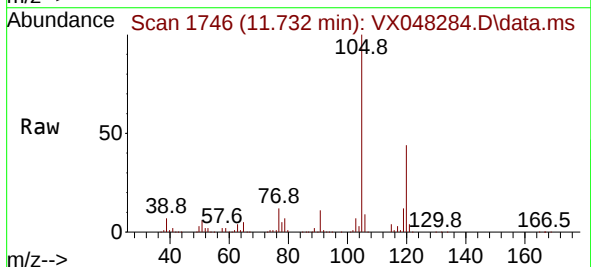
Tgt Ion:119 Resp: 107485
Ion Ratio Lower Upper
119 100
91 57.4 30.3 91.0
134 22.4 11.4 34.2

Manual Integrations
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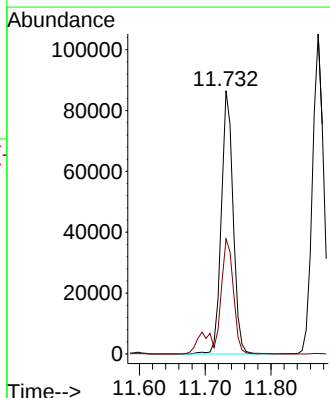
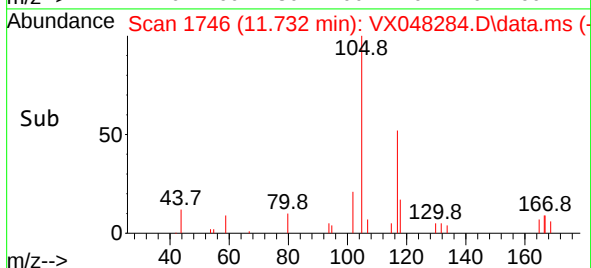
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

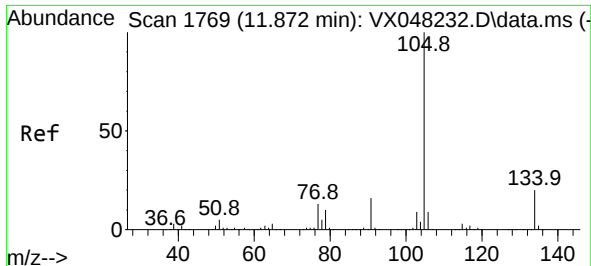


#84
1,2,4-Trimethylbenzene
Concen: 19.382 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



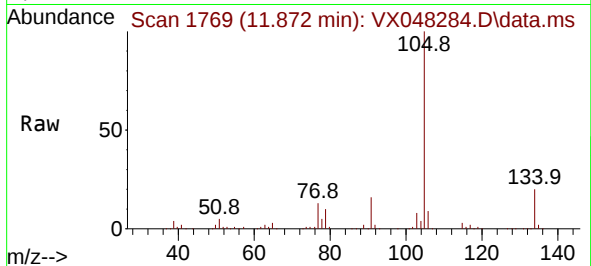
Tgt Ion:105 Resp: 107910
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 18.276 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18

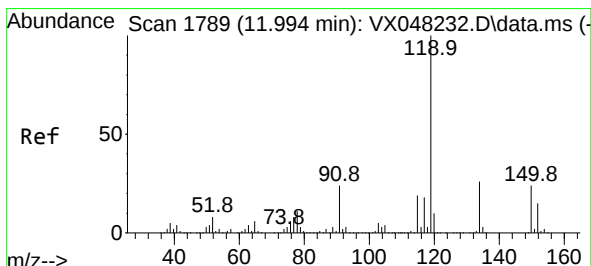
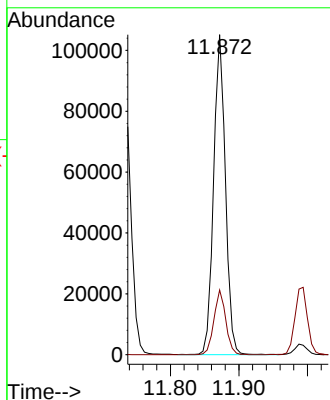
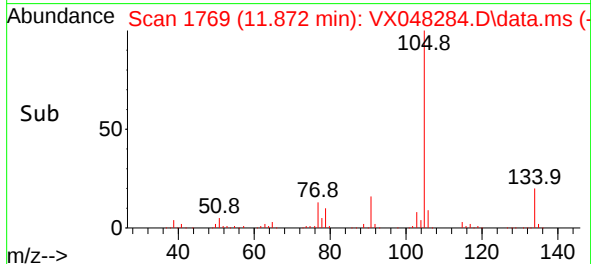
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01



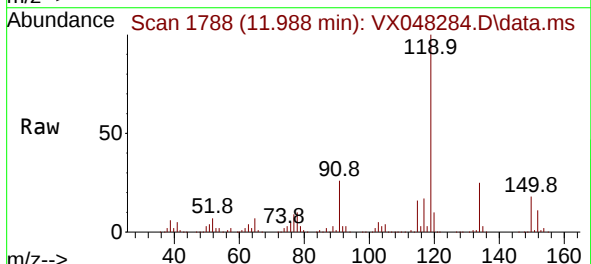
Tgt Ion:105 Resp: 126030
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

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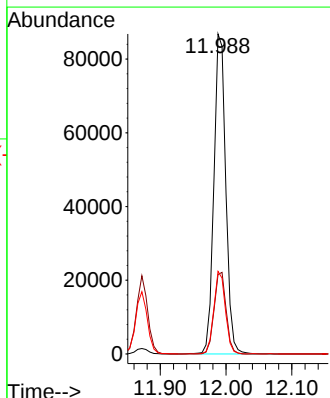
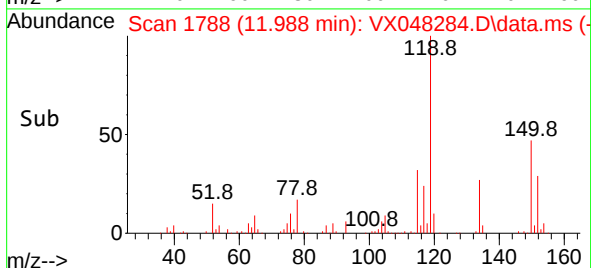
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

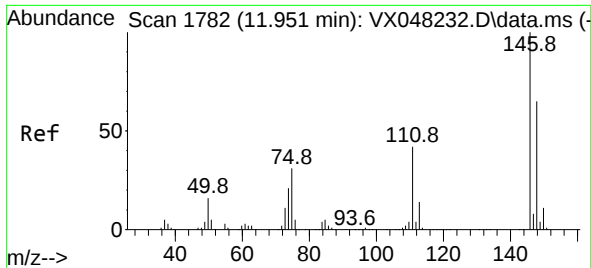


#86
 p-Isopropyltoluene
 Concen: 18.291 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048284.D
 Acq: 22 Oct 2025 10:18



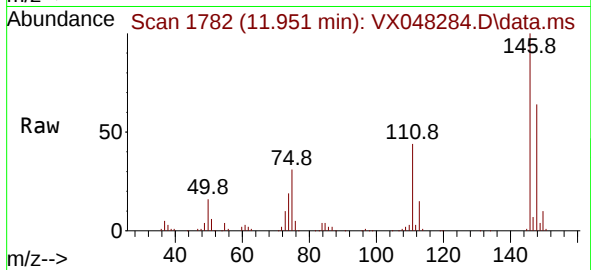
Tgt Ion:119 Resp: 109030
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.1 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 18.459 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

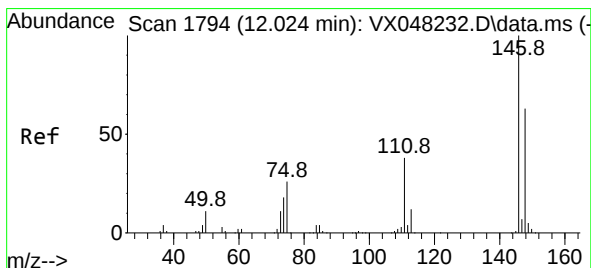
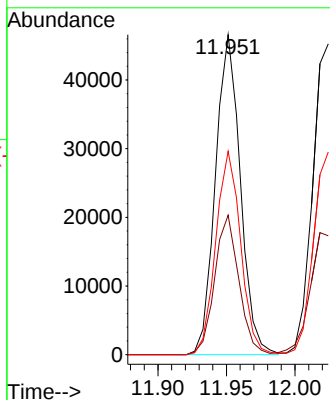
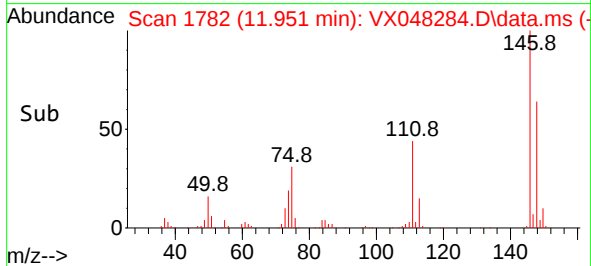
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



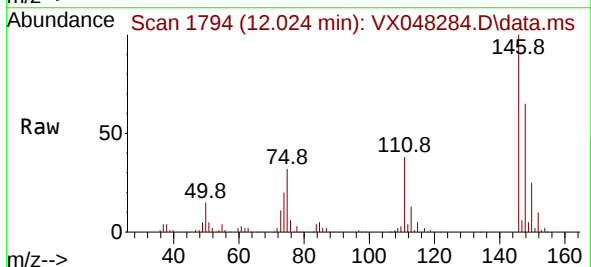
Tgt Ion:146 Resp: 5882
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.2
148 63.6 31.9 95.9

Manual Integrations
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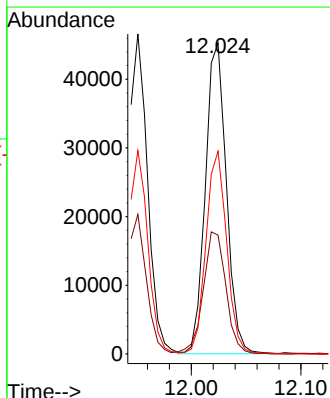
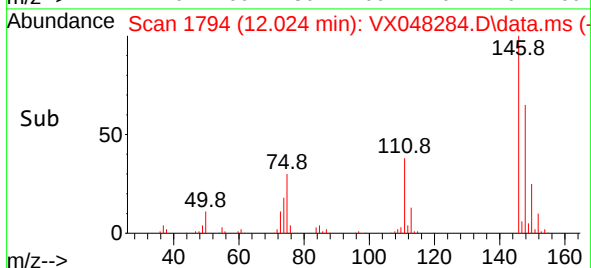
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

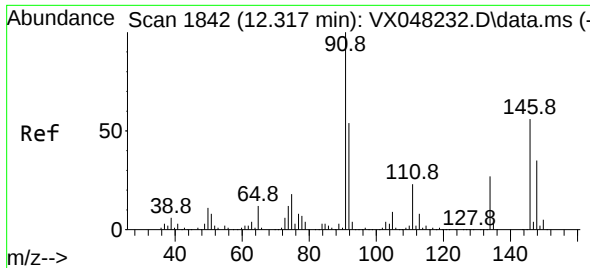


#88
1,4-Dichlorobenzene
Concen: 18.231 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



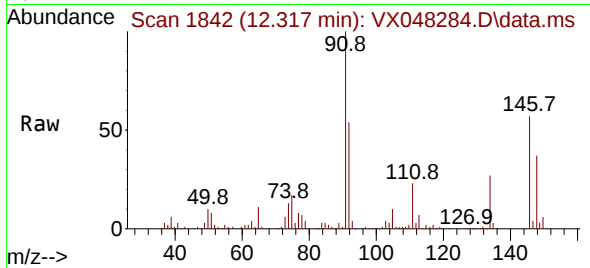
Tgt Ion:146 Resp: 60184
Ion Ratio Lower Upper
146 100
111 42.6 20.1 60.2
148 64.6 31.8 95.3





#89
n-Butylbenzene
Concen: 17.258 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

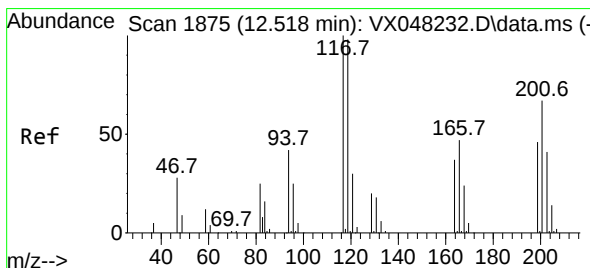
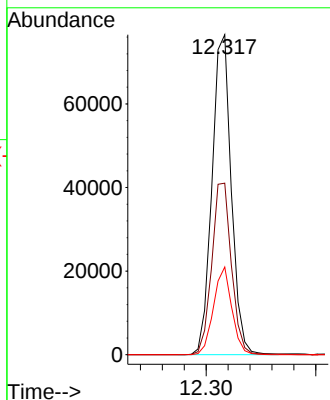
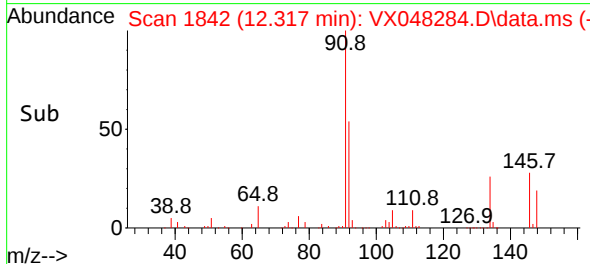
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion: 91 Resp: 9363
Ion Ratio Lower Upper
91 100
92 54.9 26.9 80.6
134 26.0 12.7 38.1

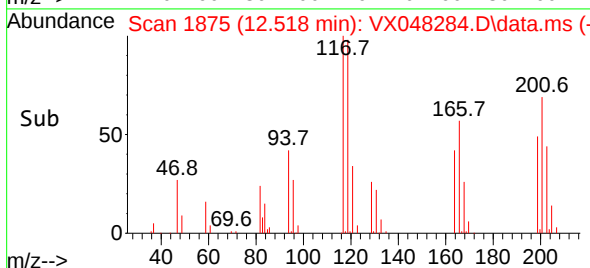
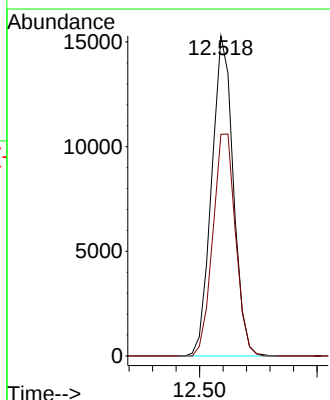
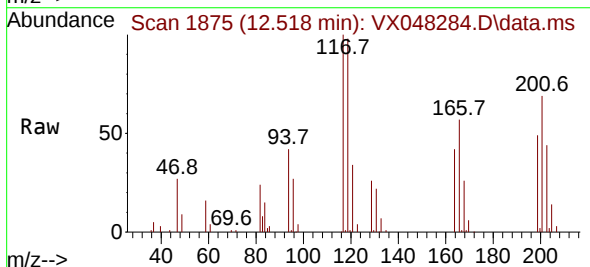
Manual Integrations
APPROVED

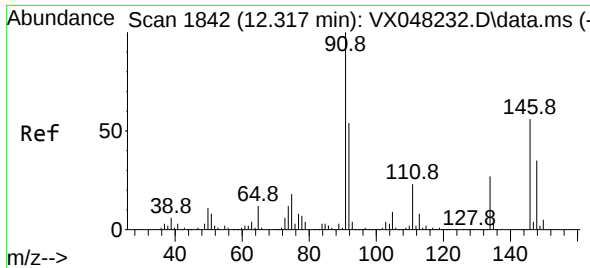
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#90
Hexachloroethane
Concen: 16.632 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

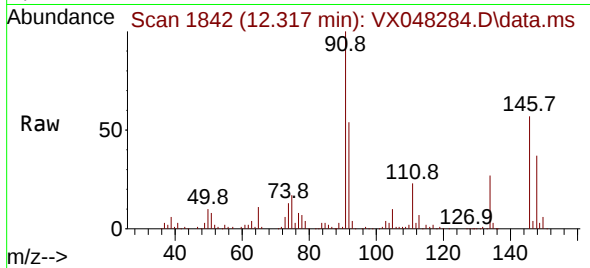
Tgt Ion:117 Resp: 19578
Ion Ratio Lower Upper
117 100
201 72.9 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 18.351 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

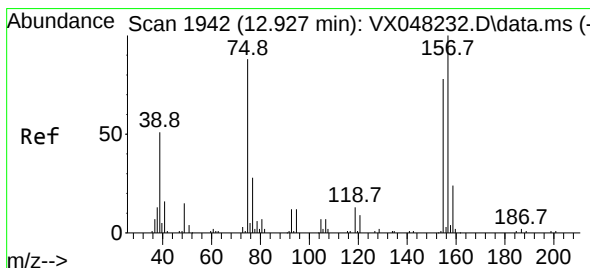
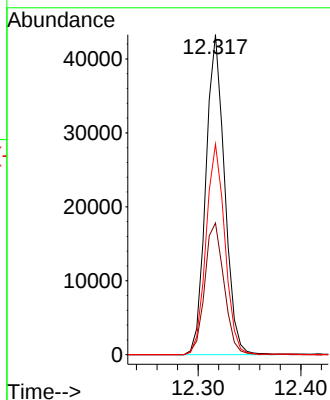
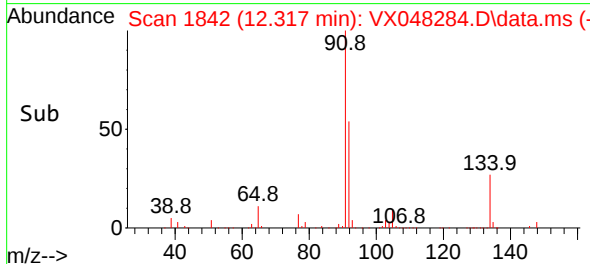
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



Tgt Ion:146 Resp: 54904
Ion Ratio Lower Upper
146 100
111 42.5 21.9 65.5
148 65.9 31.9 95.5

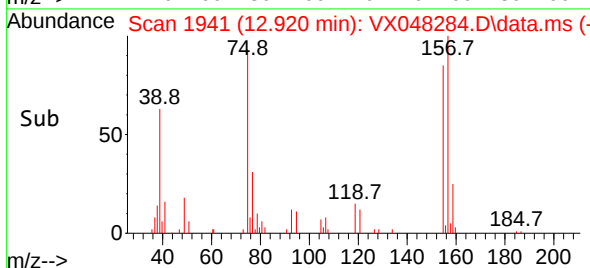
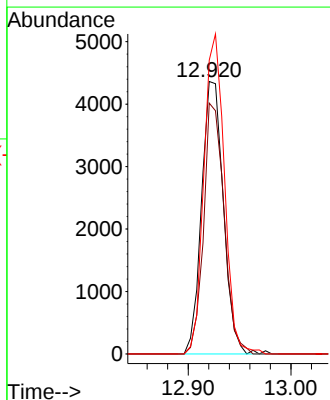
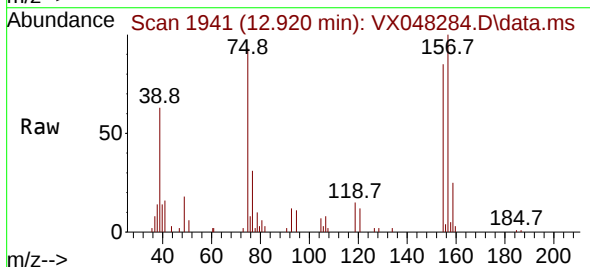
Manual Integrations
APPROVED

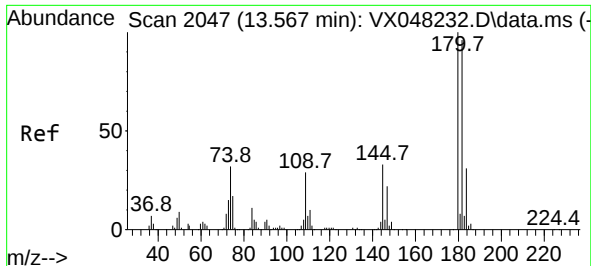
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.199 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

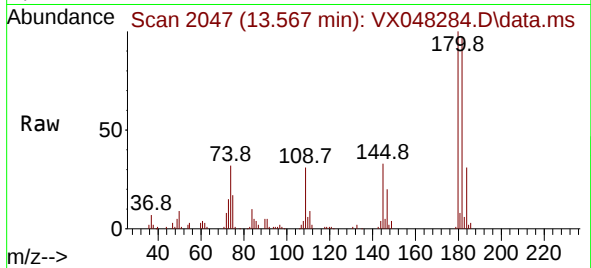
Tgt Ion: 75 Resp: 6427
Ion Ratio Lower Upper
75 100
155 86.5 42.8 128.4
157 110.6 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 16.647 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

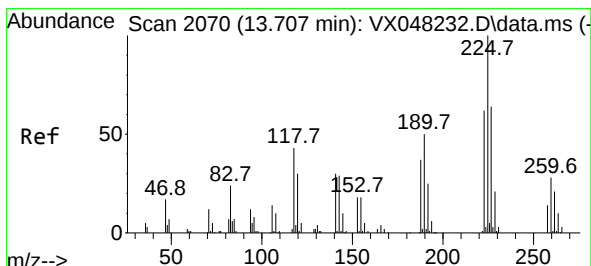
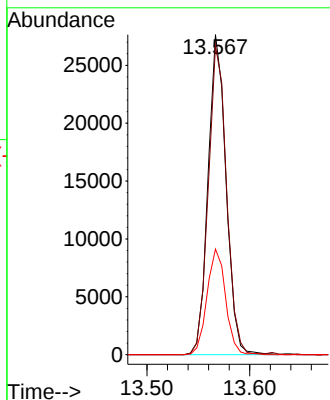
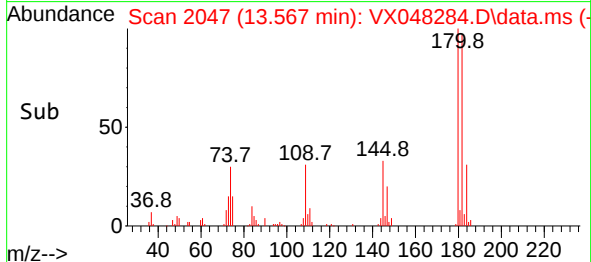
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



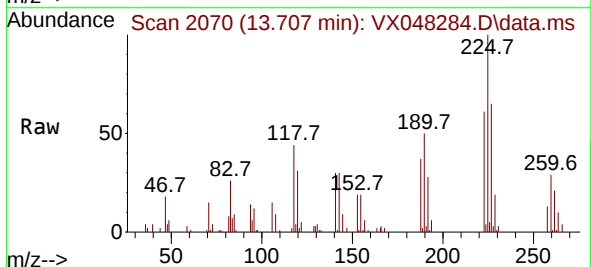
Tgt Ion:180 Resp: 3368
Ion Ratio Lower Upper
180 100
182 98.1 47.3 142.0
145 34.1 16.3 48.9

Manual Integrations
APPROVED

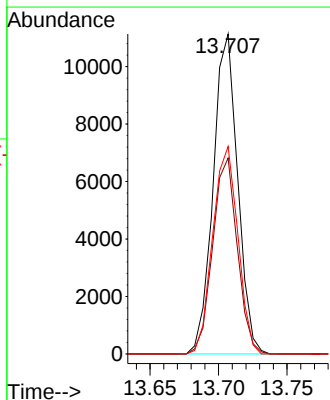
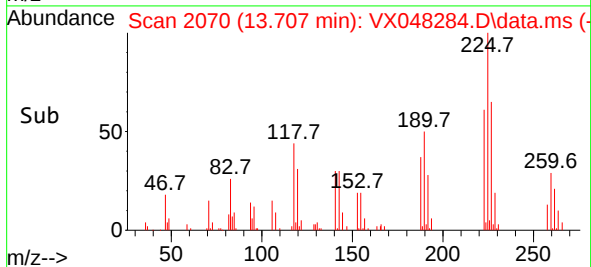
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

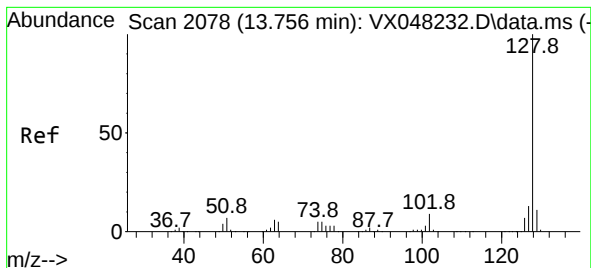


#94
Hexachlorobutadiene
Concen: 18.273 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



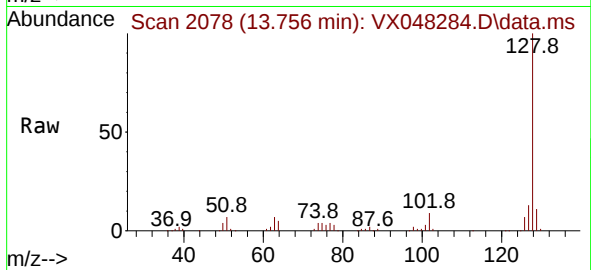
Tgt Ion:225 Resp: 13822
Ion Ratio Lower Upper
225 100
223 61.5 32.6 97.7
227 66.5 32.5 97.4





#95
Naphthalene
Concen: 17.176 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

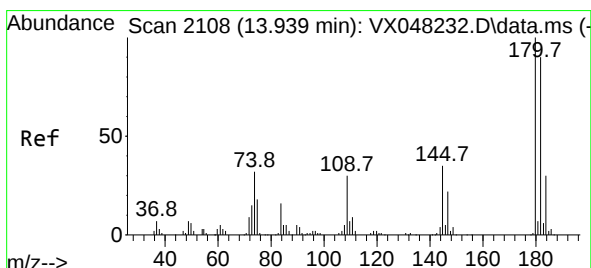
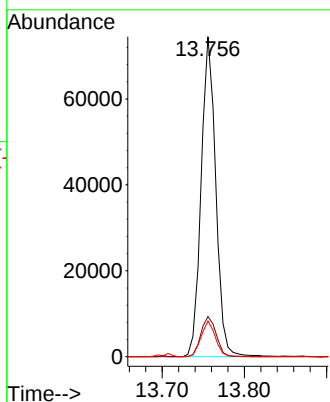
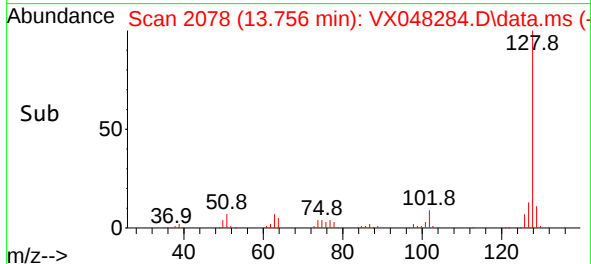
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01



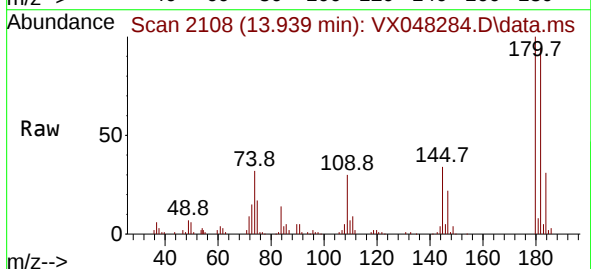
Tgt Ion:128 Resp: 92069
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.6 12.8

Manual Integrations
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Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.794 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18



Tgt Ion:180 Resp: 33036
Ion Ratio Lower Upper
180 100
182 95.3 46.6 139.7
145 33.6 16.9 50.7

