

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048358.D
 Acq On : 27 Oct 2025 10:34
 Operator : JC/MD
 Sample : VX1027WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2025
 Supervised By : Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 01:48:33 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	131714	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	225739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	200520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	97723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	102830	55.682	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.360%			
35) Dibromofluoromethane	5.367	113	65003	42.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.360%			
50) Toluene-d8	8.629	98	270338	50.046	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.061	95	102009	49.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	23928	17.672	ug/l	97
3) Chloromethane	1.301	50	13074	10.344	ug/l	99
4) Vinyl Chloride	1.380	62	32130	27.453	ug/l	98
5) Bromomethane	1.618	94	12620	15.889	ug/l	97
6) Chloroethane	1.697	64	20092	29.215	ug/l	98
7) Trichlorofluoromethane	1.898	101	52988	23.607	ug/l	100
8) Diethyl Ether	2.130	74	18878	29.891	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	29259	20.585	ug/l	98
10) Methyl Iodide	2.459	142	106571	59.642	ug/l	98
11) Tert butyl alcohol	2.934	59	14551	79.359	ug/l	99
12) 1,1-Dichloroethene	2.325	96	28803	20.829	ug/l	99
13) Acrolein	2.233	56	23036	123.185	ug/l	97
14) Allyl chloride	2.660	41	49858	21.717	ug/l	95
15) Acrylonitrile	3.050	53	64189	97.085	ug/l	97
16) Acetone	2.367	43	43596	68.814	ug/l	97
17) Carbon Disulfide	2.514	76	77105	17.692	ug/l	97
18) Methyl Acetate	2.697	43	27468	20.761	ug/l	99
19) Methyl tert-butyl Ether	3.099	73	101018	21.414	ug/l	100
20) Methylene Chloride	2.788	84	33021	21.391	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	30751	20.245	ug/l	92
22) Diisopropyl ether	3.745	45	112661	24.603	ug/l	93
23) Vinyl Acetate	3.709	43	396460	108.387	ug/l	99
24) 1,1-Dichloroethane	3.599	63	61948	22.373	ug/l	99
25) 2-Butanone	4.532	43	67977	84.771	ug/l	96
26) 2,2-Dichloropropane	4.459	77	54399	21.767	ug/l	96
27) cis-1,2-Dichloroethene	4.471	96	35859	20.228	ug/l	95
28) Bromochloromethane	4.879	49	25223	21.970	ug/l	100
29) Tetrahydrofuran	4.983	42	47457	98.817	ug/l	97
30) Chloroform	5.074	83	63934	21.613	ug/l	95
31) Cyclohexane	5.452	56	50252	21.922	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	57204	20.982	ug/l	98
36) 1,1-Dichloropropene	5.678	75	41298	18.854	ug/l	99
37) Ethyl Acetate	4.690	43	34501	19.003	ug/l	96
38) Carbon Tetrachloride	5.660	117	50288	18.609	ug/l	97
39) Methylcyclohexane	7.360	83	51325	19.841	ug/l	96
40) Benzene	6.019	78	129873	20.422	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	19069	20.000	ug/l	97
42) 1,2-Dichloroethane	6.068	62	49429	21.063	ug/l	99
43) Isopropyl Acetate	6.318	43	61550	20.639	ug/l	99
44) Trichloroethene	7.104	130	32785	19.524	ug/l	84
45) 1,2-Dichloropropane	7.409	63	32738	21.652	ug/l	97
46) Dibromomethane	7.562	93	22802	19.357	ug/l	97
47) Bromodichloromethane	7.799	83	51499	20.248	ug/l #	99
48) Methyl methacrylate	7.671	41	30560	20.307	ug/l	97
49) 1,4-Dioxane	7.641	88	6465	325.176	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	169748	98.720	ug/l	99
52) Toluene	8.702	92	80584	19.946	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	48247	19.685	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	51662	19.536	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	30438	20.259	ug/l	93
56) Ethyl methacrylate	9.098	69	41803	19.023	ug/l	96
57) 1,3-Dichloropropane	9.293	76	52274	20.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	111299	95.249	ug/l	99
59) 2-Hexanone	9.415	43	111918	93.344	ug/l	97
60) Dibromochloromethane	9.500	129	37622	18.631	ug/l	99
61) 1,2-Dibromoethane	9.592	107	30556	19.077	ug/l	98
64) Tetrachloroethene	9.256	164	30516	20.386	ug/l	98
65) Chlorobenzene	10.061	112	89607	19.865	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	31740	19.158	ug/l	100
67) Ethyl Benzene	10.177	91	151002	19.662	ug/l	99
68) m/p-Xylenes	10.281	106	115593	40.510	ug/l	99
69) o-Xylene	10.622	106	54110	19.642	ug/l	99
70) Styrene	10.640	104	95127	20.280	ug/l	99
71) Bromoform	10.781	173	22211	16.774	ug/l #	99
73) Isopropylbenzene	10.945	105	145535	20.390	ug/l	100
74) N-amyl acetate	10.823	43	53882	21.282	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	36758	18.858	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	28839m	18.198	ug/l	
77) Bromobenzene	11.177	156	34842	19.468	ug/l	98
78) n-propylbenzene	11.287	91	174843	21.157	ug/l	99
79) 2-Chlorotoluene	11.348	91	106955	21.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	121421	20.556	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	8614	13.224	ug/l #	63
82) 4-Chlorotoluene	11.433	91	123759	20.807	ug/l	100
83) tert-Butylbenzene	11.695	119	123407	20.334	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	121926	20.683	ug/l	99
85) sec-Butylbenzene	11.872	105	152817	20.929	ug/l	98
86) p-Isopropyltoluene	11.988	119	129074	20.452	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	65998	19.561	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	67168	19.217	ug/l	98
89) n-Butylbenzene	12.311	91	118188	20.574	ug/l	100
90) Hexachloroethane	12.518	117	22484	18.040	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	63922	20.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	7375	18.640	ug/l	88
93) 1,2,4-Trichlorobenzene	13.567	180	40755	19.025	ug/l	98
94) Hexachlorobutadiene	13.707	225	17987	22.444	ug/l	96
95) Naphthalene	13.756	128	104899	18.483	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	38923	19.800	ug/l	98

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MSVOA_X
ClientSampleId :
VX1027WBSD01

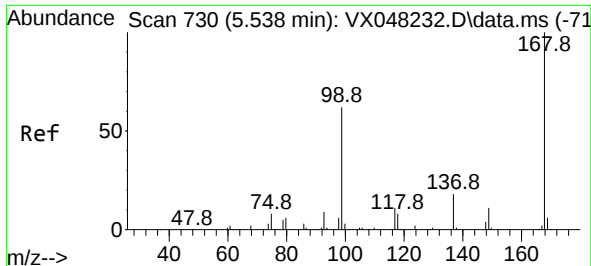
Manual Integrations
APPROVED

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



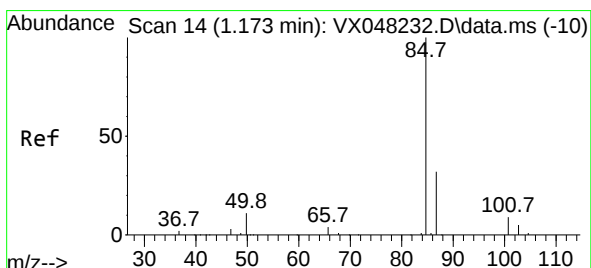
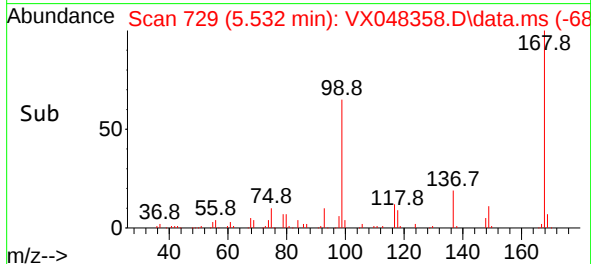
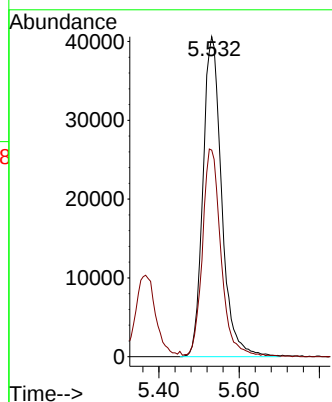
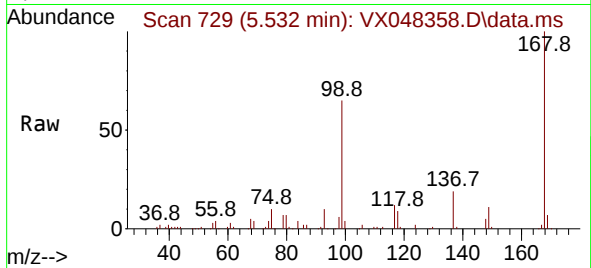
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048358.D
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Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion:168 Resp: 131714
Ion Ratio Lower Upper
168 100
99 64.4 46.4 69.6

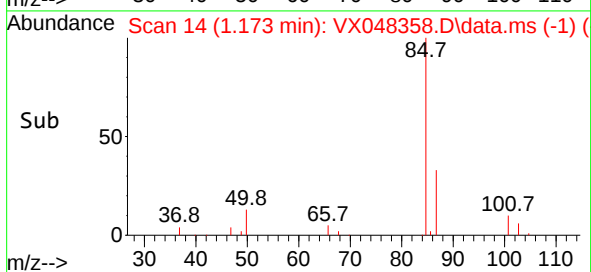
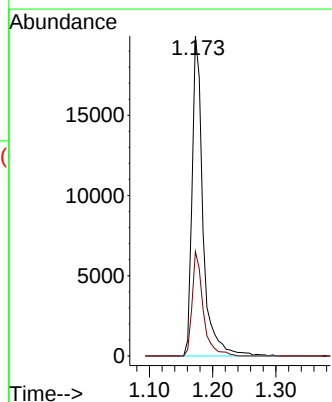
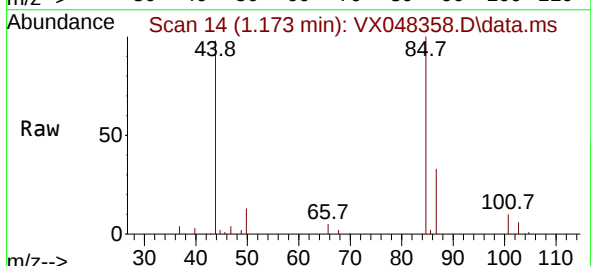
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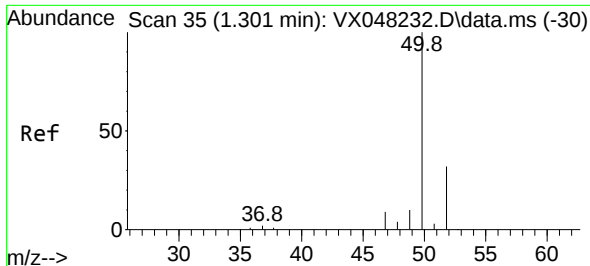
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#2
Dichlorodifluoromethane
Concen: 17.672 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

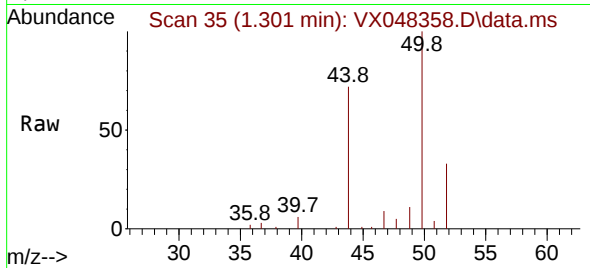
Tgt Ion: 85 Resp: 23928
Ion Ratio Lower Upper
85 100
87 32.2 15.3 45.9





#3
Chloromethane
Concen: 10.344 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

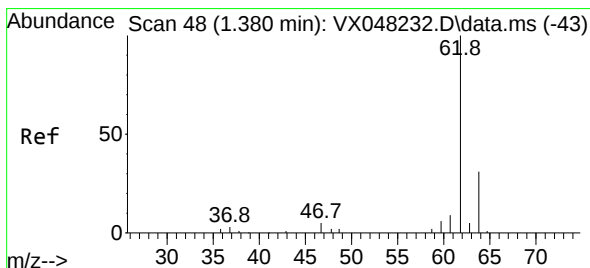
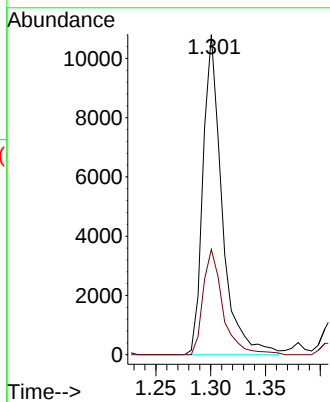
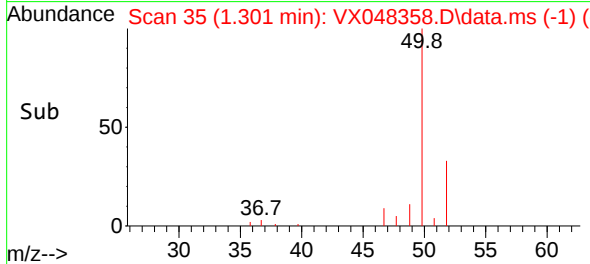
Instrument :
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VX1027WBSD01



Tgt Ion: 50 Resp: 13074
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

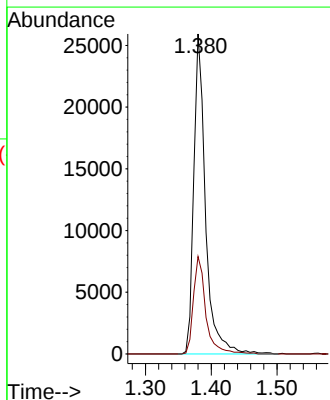
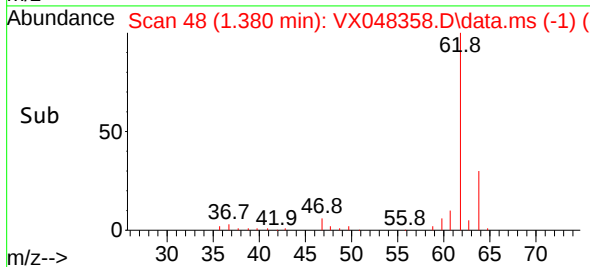
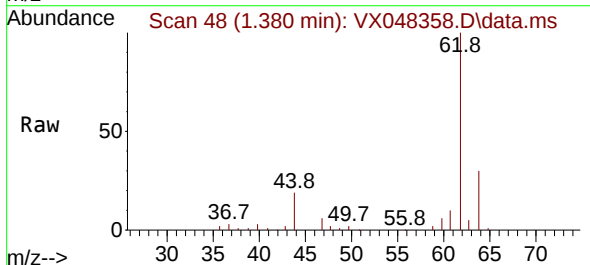
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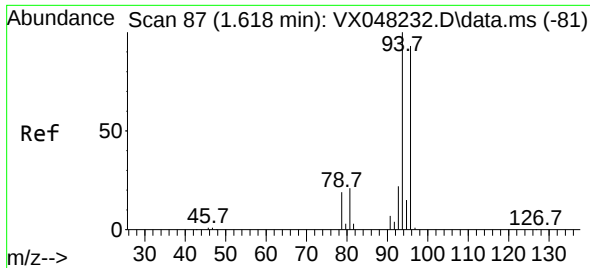
Reviewed By :John Carlone 10/28/2025
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#4
Vinyl Chloride
Concen: 27.453 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 62 Resp: 32130
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7





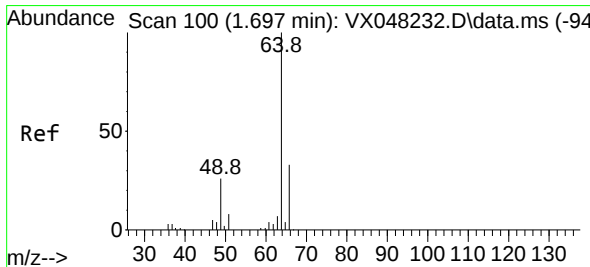
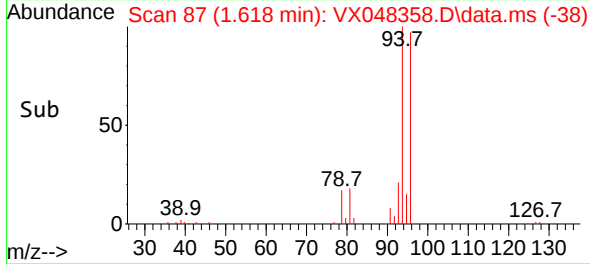
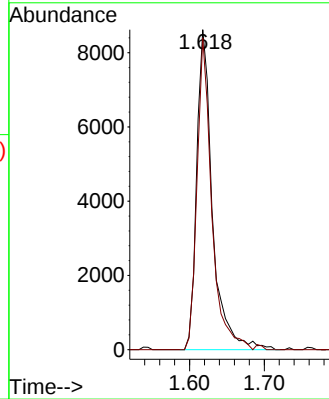
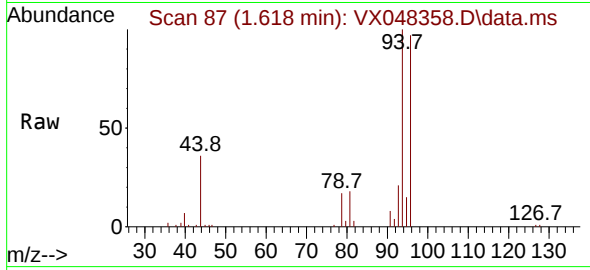
#5
Bromomethane
Concen: 15.889 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
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Tgt Ion: 94 Resp: 12620
Ion Ratio Lower Upper
94 100
96 97.4 76.0 114.0

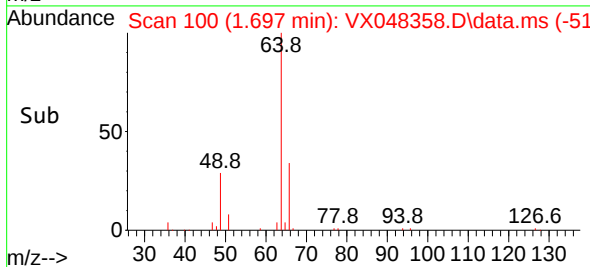
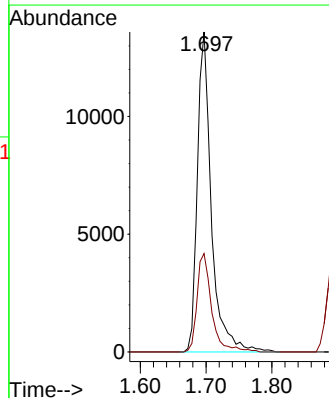
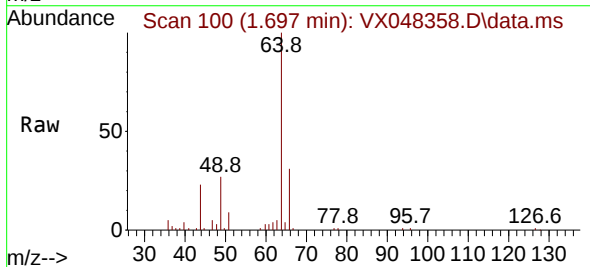
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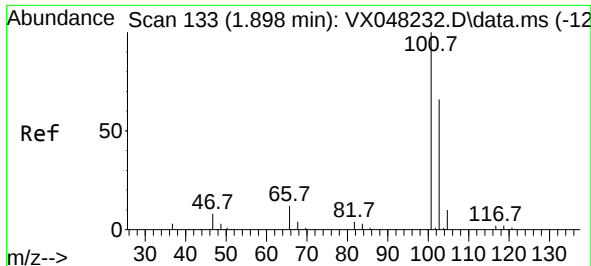
Reviewed By :John Carlone 10/28/2025
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#6
Chloroethane
Concen: 29.215 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048358.D
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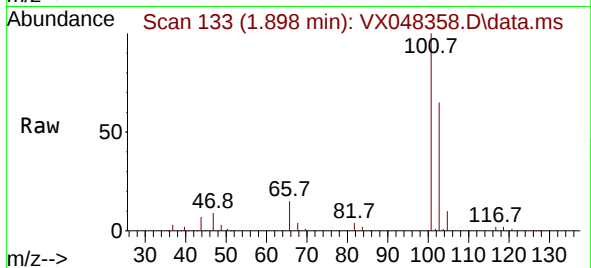
Tgt Ion: 64 Resp: 20092
Ion Ratio Lower Upper
64 100
66 30.7 23.9 35.9





#7
Trichlorofluoromethane
Concen: 23.607 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048358.D
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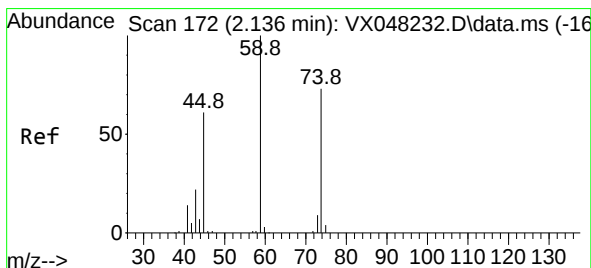
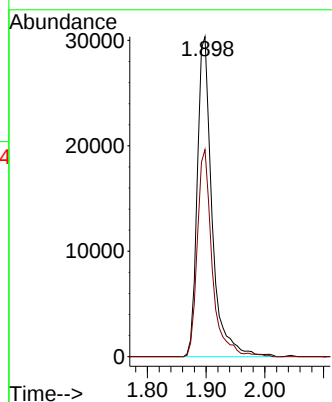
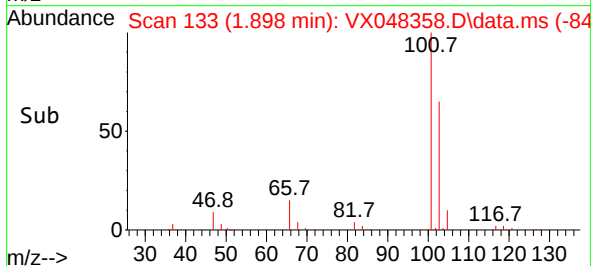
Instrument :
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Tgt Ion:101 Resp: 52988
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

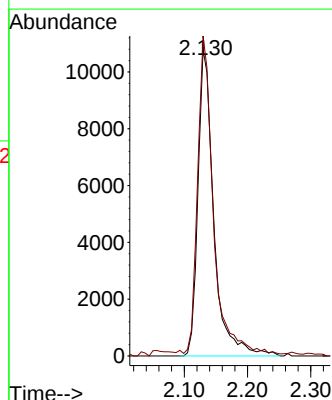
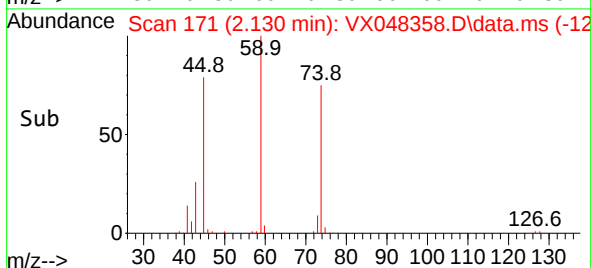
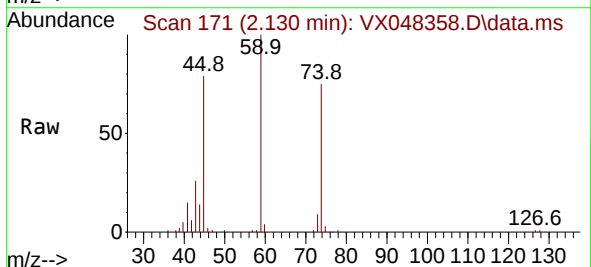
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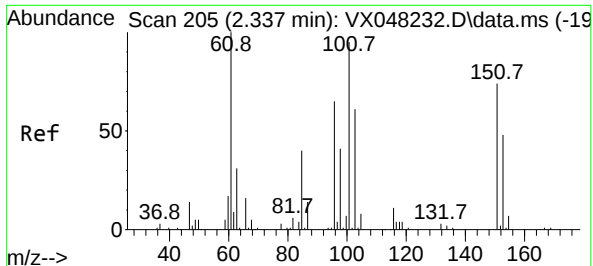
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#8
Diethyl Ether
Concen: 29.891 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 74 Resp: 18878
Ion Ratio Lower Upper
74 100
45 104.3 50.0 149.8





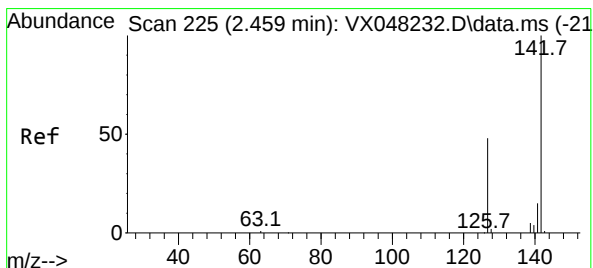
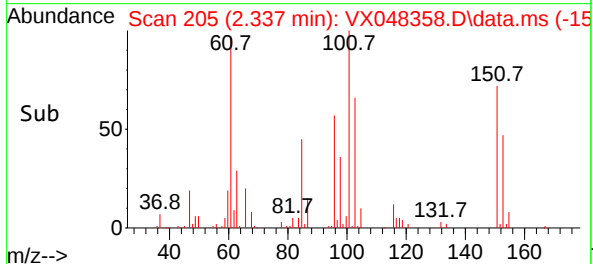
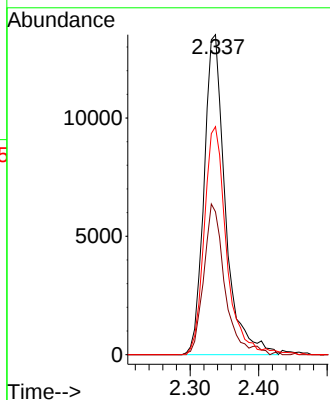
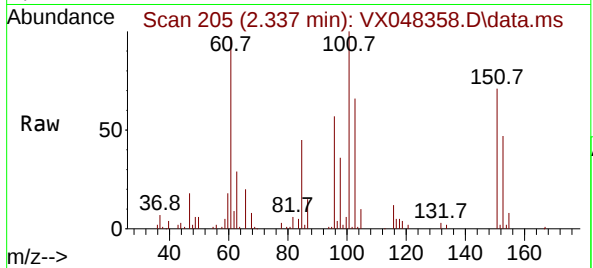
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.585 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion:101 Resp: 2925
Ion Ratio Lower Upper
101 100
85 46.5 35.6 53.4
151 73.3 58.0 87.0

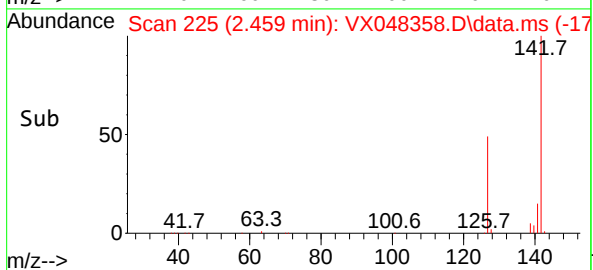
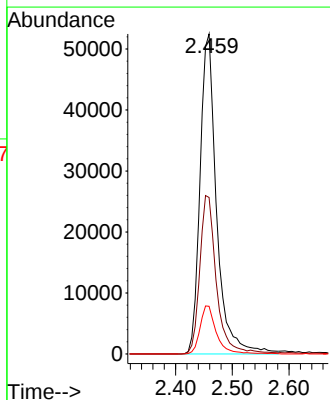
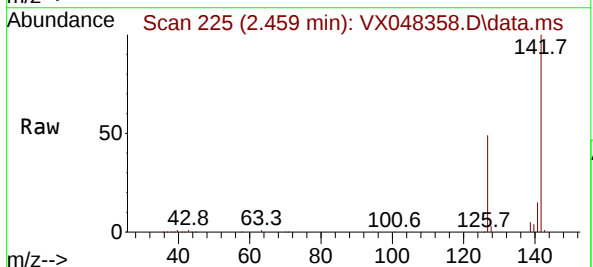
Manual Integrations
APPROVED

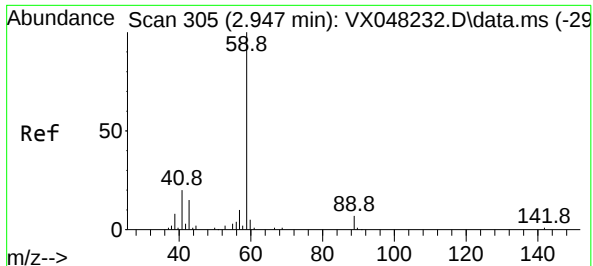
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#10
Methyl Iodide
Concen: 59.642 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion:142 Resp: 106571
Ion Ratio Lower Upper
142 100
127 49.6 38.5 57.7
141 14.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 79.359 ug/l

RT: 2.934 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01

Tgt Ion: 59 Resp: 1455

Ion Ratio Lower Upper

59 100

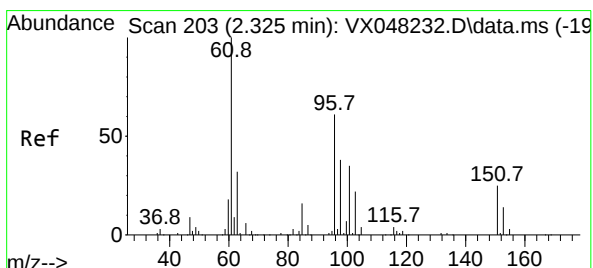
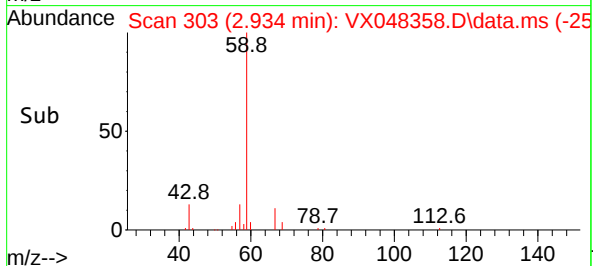
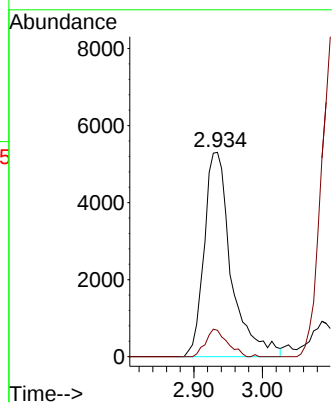
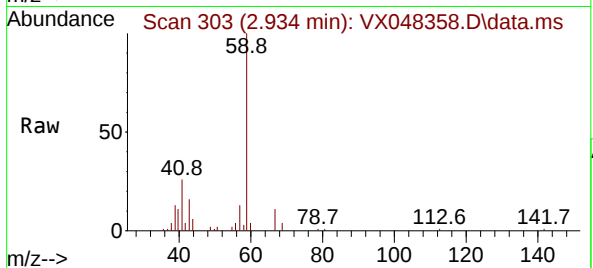
57 10.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#12

1,1-Dichloroethene

Concen: 20.829 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

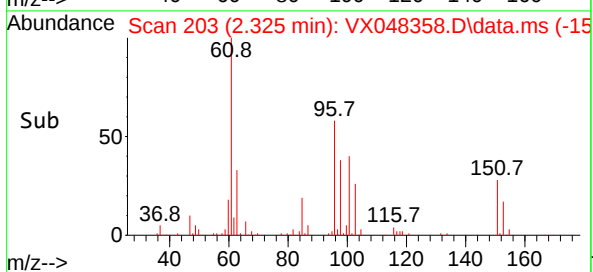
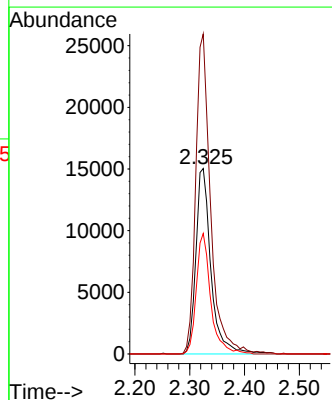
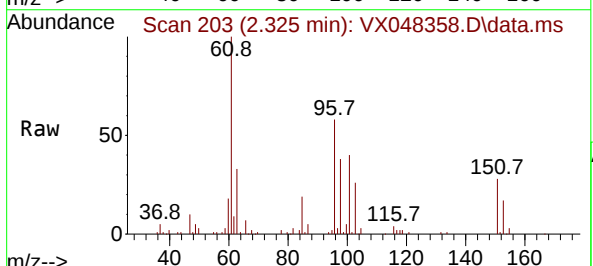
Tgt Ion: 96 Resp: 28803

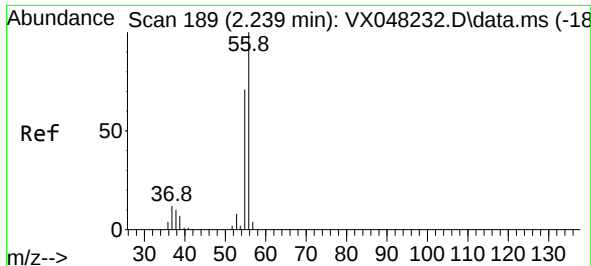
Ion Ratio Lower Upper

96 100

61 172.6 139.0 208.6

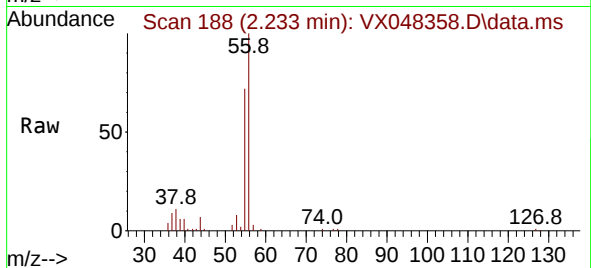
98 65.0 52.4 78.6





#13
Acrolein
Concen: 123.185 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

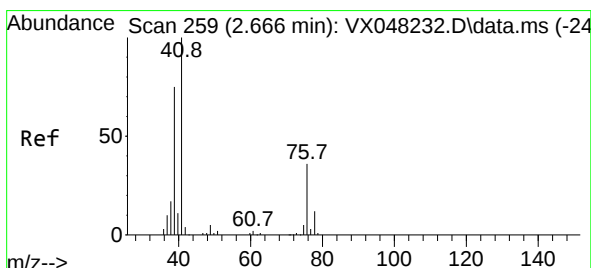
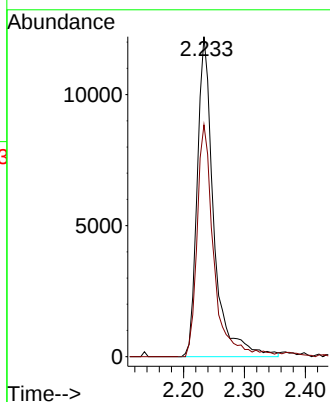
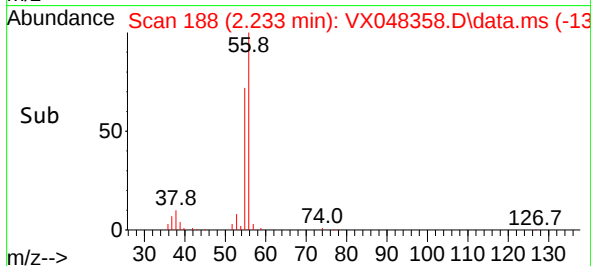
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 56 Resp: 2303
Ion Ratio Lower Upper
56 100
55 73.0 56.1 84.1

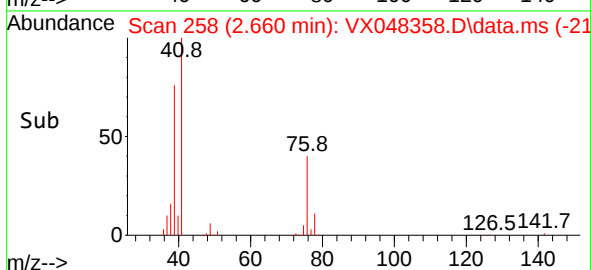
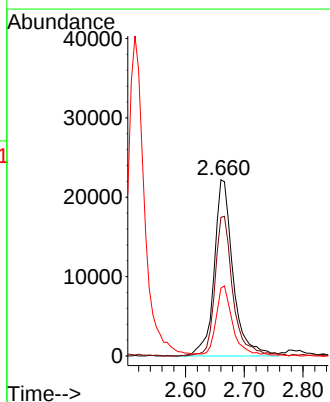
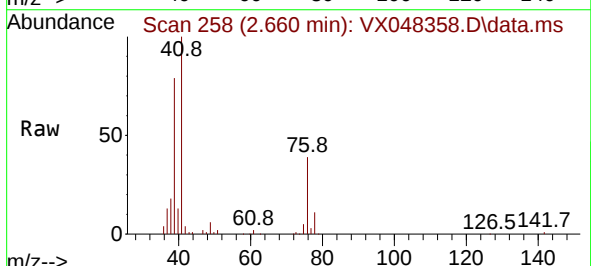
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#14
Allyl chloride
Concen: 21.717 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

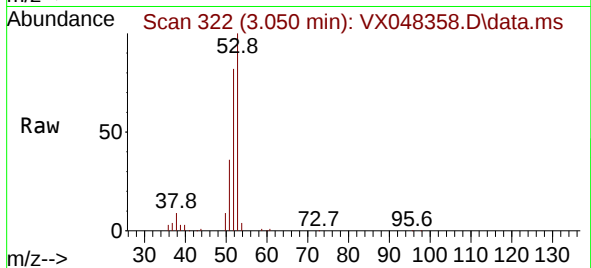
Tgt Ion: 41 Resp: 49858
Ion Ratio Lower Upper
41 100
39 75.4 56.0 84.0
76 34.6 27.5 41.3





#15
Acrylonitrile
Concen: 97.085 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

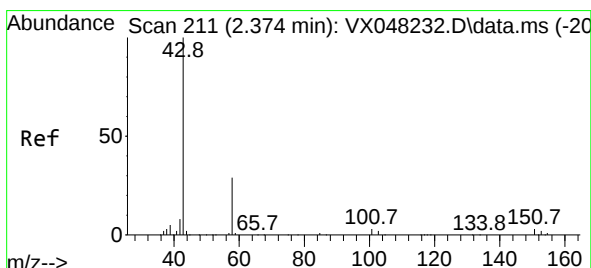
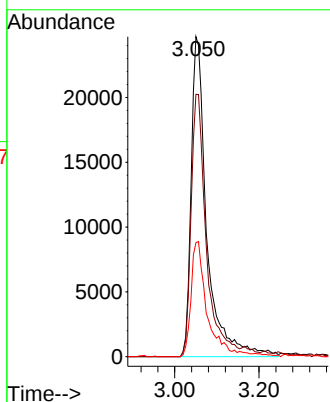
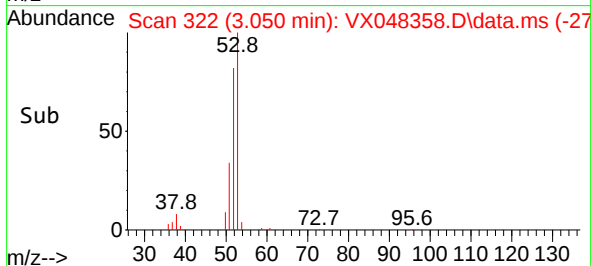
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 53 Resp: 64189
Ion Ratio Lower Upper
53 100
52 78.9 66.1 99.1
51 36.8 29.0 43.4

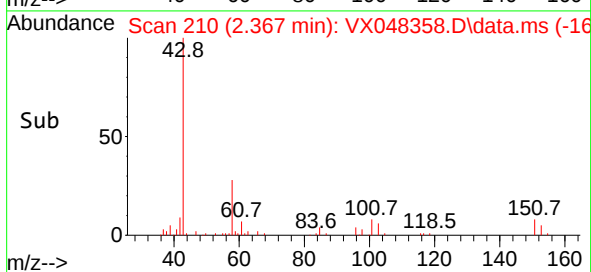
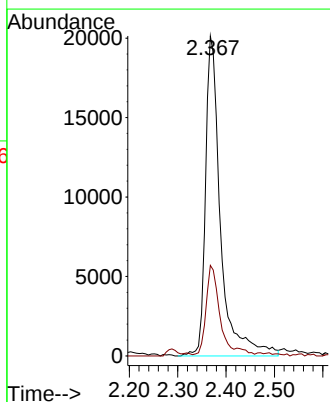
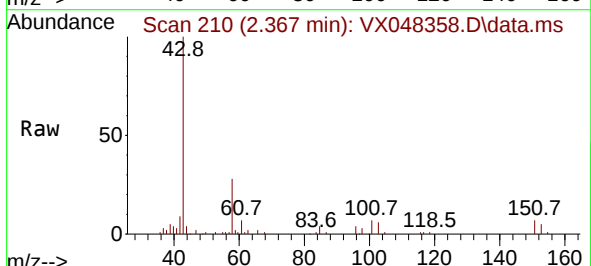
Manual Integrations
APPROVED

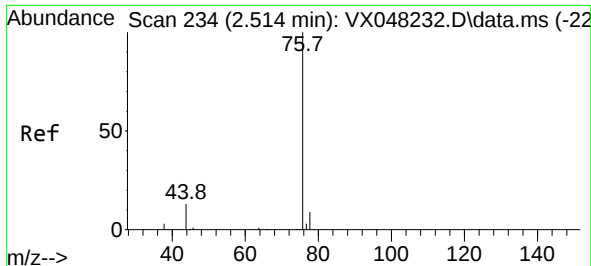
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#16
Acetone
Concen: 68.814 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 43 Resp: 43596
Ion Ratio Lower Upper
43 100
58 27.6 23.4 35.2





#17

Carbon Disulfide

Concen: 17.692 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01

Tgt Ion: 76 Resp: 7710

Ion Ratio Lower Upper

76 100

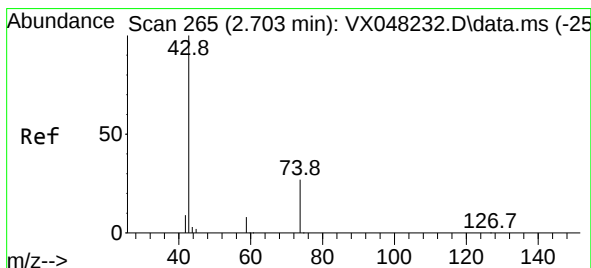
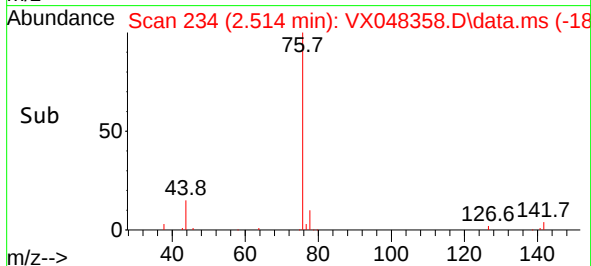
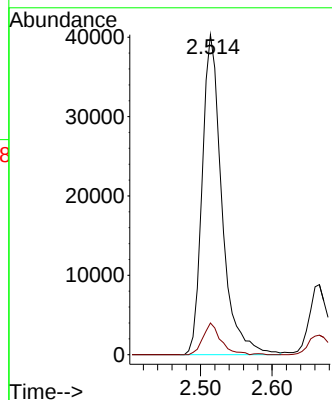
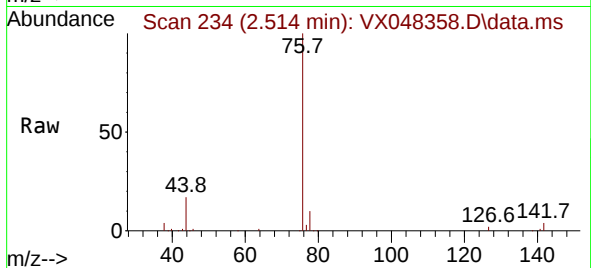
78 10.1 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#18

Methyl Acetate

Concen: 20.761 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX048358.D

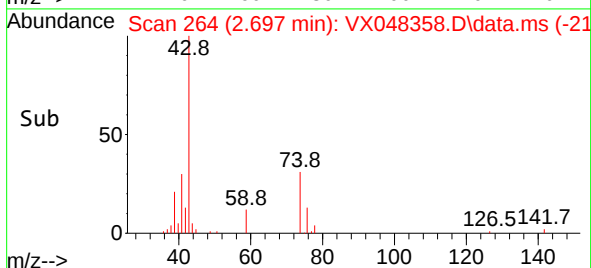
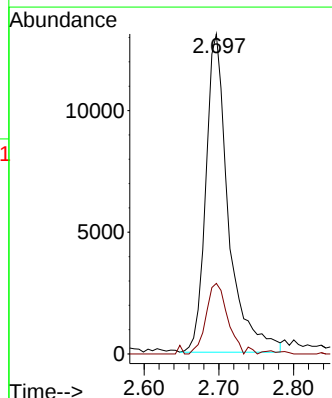
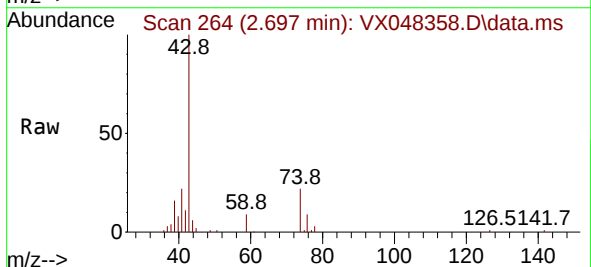
Acq: 27 Oct 2025 10:34

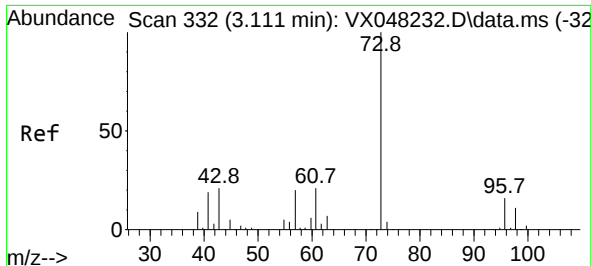
Tgt Ion: 43 Resp: 27468

Ion Ratio Lower Upper

43 100

74 21.4 17.5 26.3





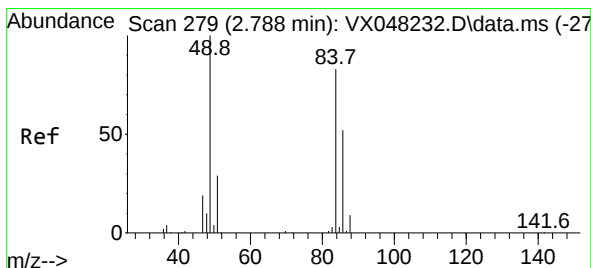
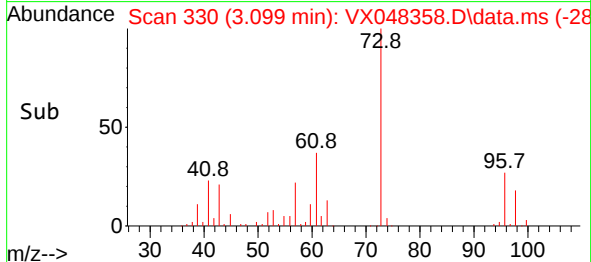
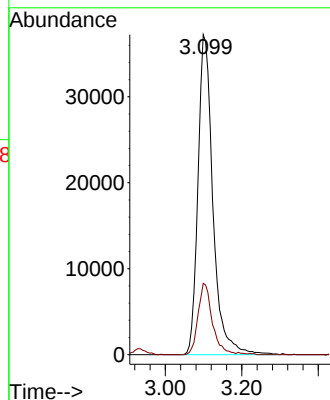
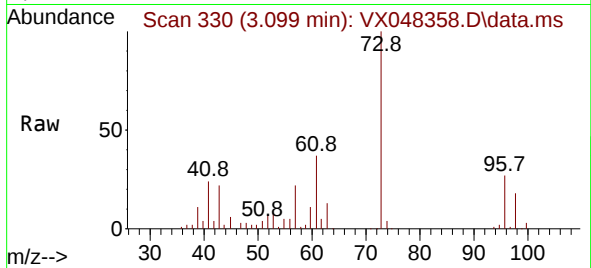
#19
Methyl tert-butyl Ether
Concen: 21.414 ug/l
RT: 3.099 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 73 Resp: 101018
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

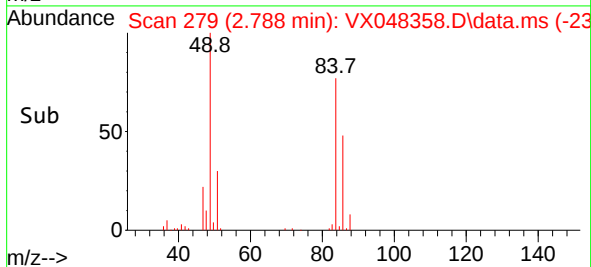
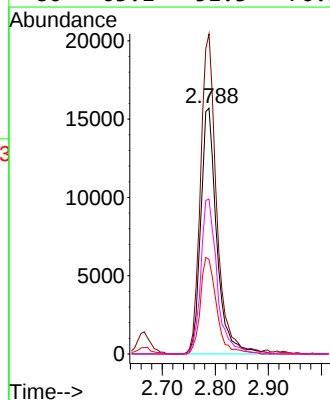
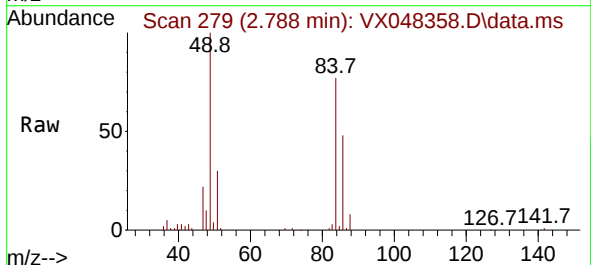
Manual Integrations
APPROVED

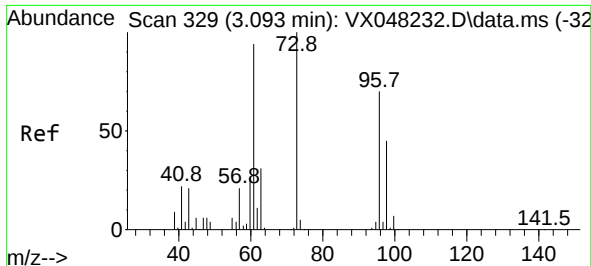
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#20
Methylene Chloride
Concen: 21.391 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

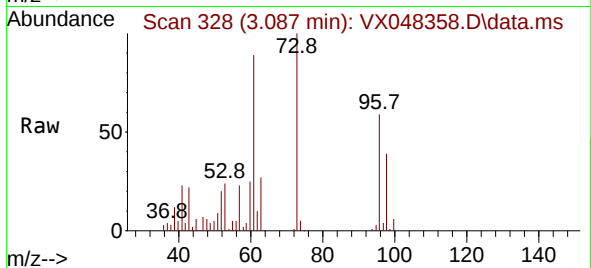
Tgt Ion: 84 Resp: 33021
Ion Ratio Lower Upper
84 100
49 130.2 104.1 156.1
51 38.5 31.3 46.9
86 63.1 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 20.245 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

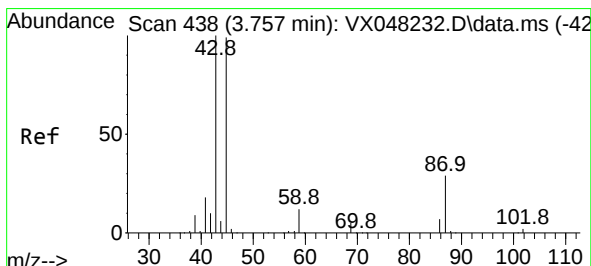
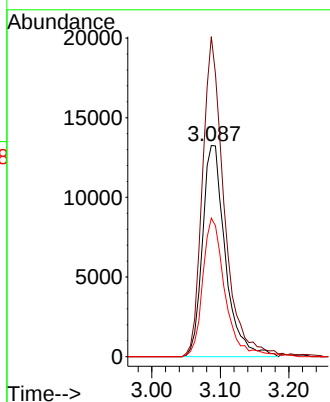
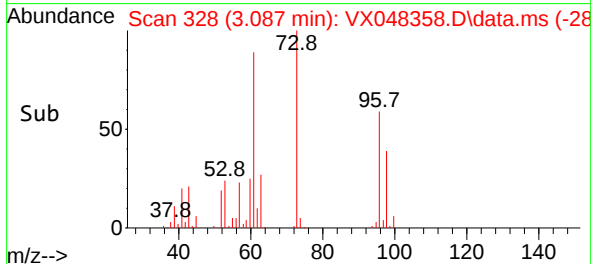
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 96 Resp: 3075
Ion Ratio Lower Upper
96 100
61 151.5 111.9 167.9
98 67.1 51.2 76.8

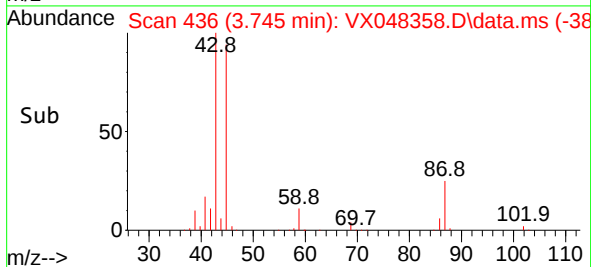
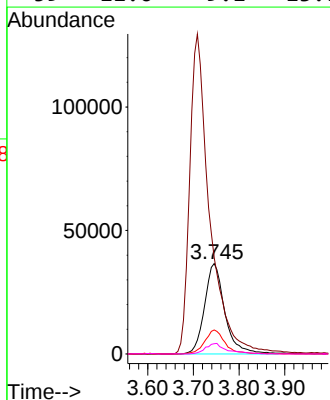
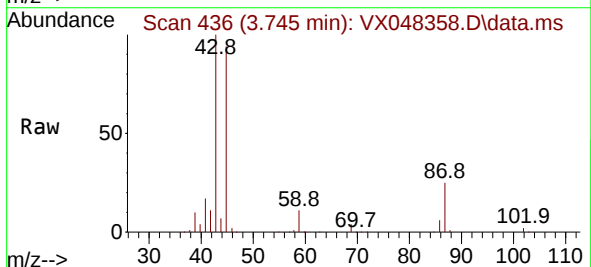
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#22
Diisopropyl ether
Concen: 24.603 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

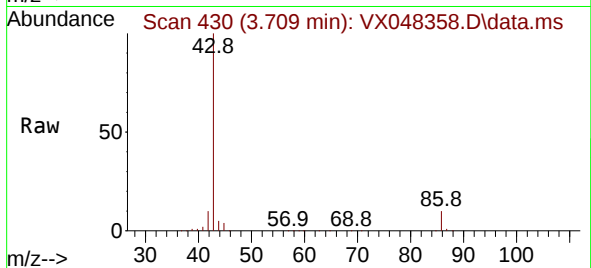
Tgt Ion: 45 Resp: 112661
Ion Ratio Lower Upper
45 100
43 102.8 89.8 134.8
87 26.5 20.6 31.0
59 11.6 9.1 13.7





#23
 Vinyl Acetate
 Concen: 108.387 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048358.D
 Acq: 27 Oct 2025 10:34

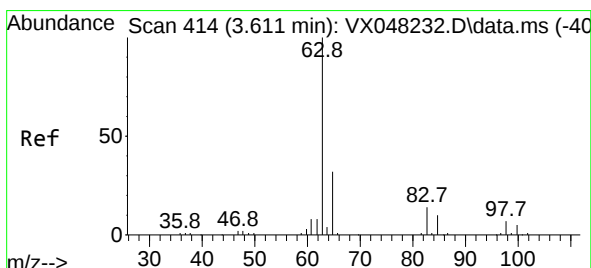
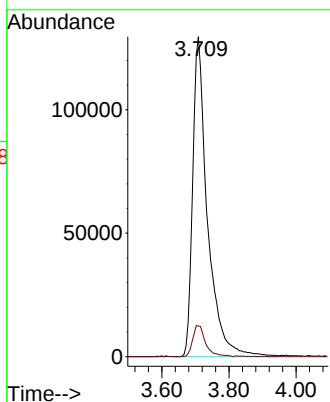
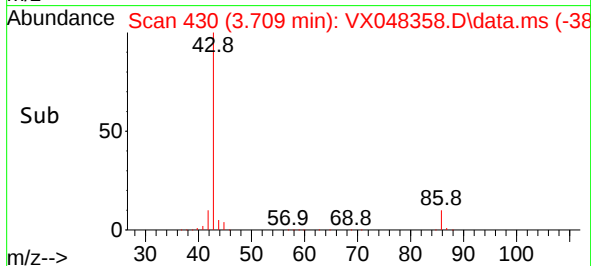
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBSD01



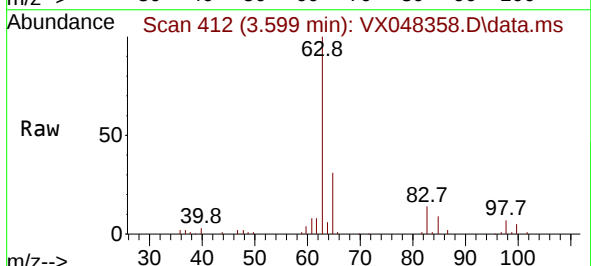
Tgt Ion: 43 Resp: 396460
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.9 11.9

Manual Integrations
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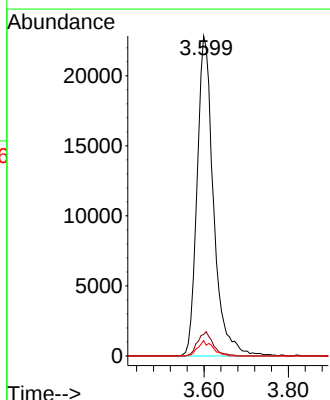
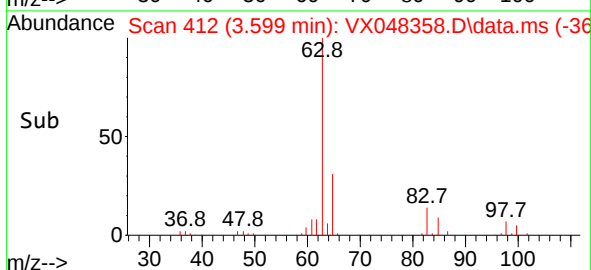
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

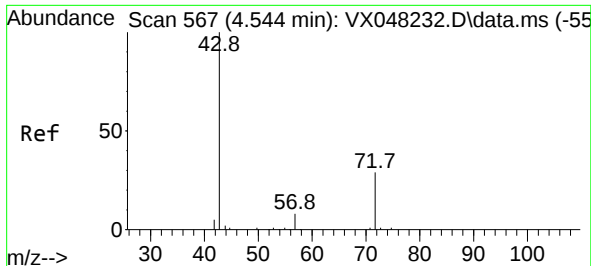


#24
 1,1-Dichloroethane
 Concen: 22.373 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048358.D
 Acq: 27 Oct 2025 10:34



Tgt Ion: 63 Resp: 61948
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.8 2.1 6.3





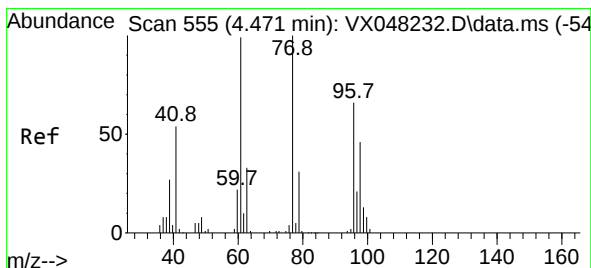
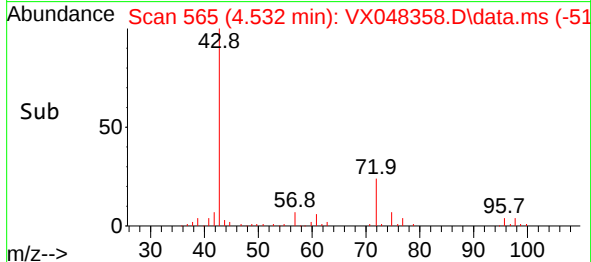
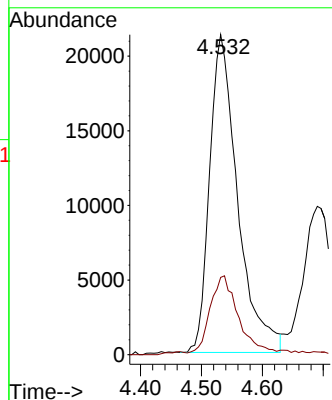
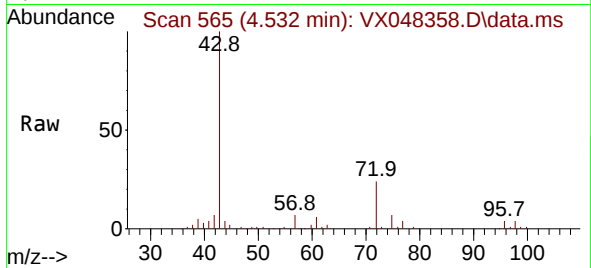
#25
2-Butanone
Concen: 84.771 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 43 Resp: 6797
Ion Ratio Lower Upper
43 100
72 23.1 19.9 29.9

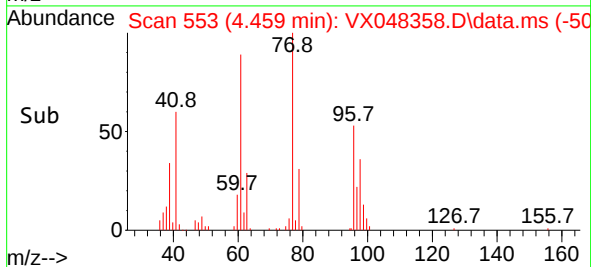
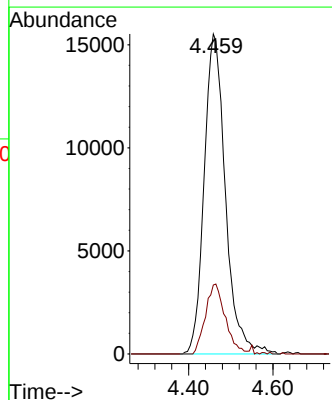
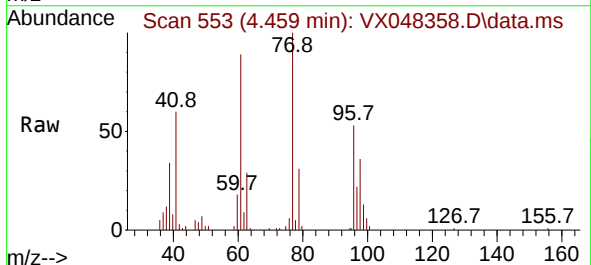
Manual Integrations
APPROVED

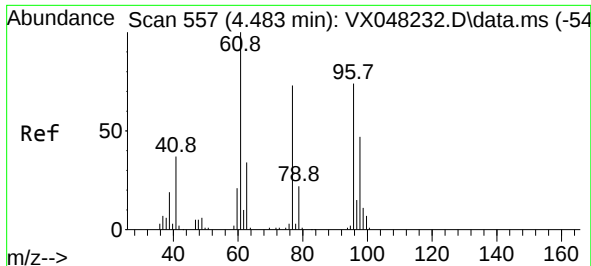
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#26
2,2-Dichloropropane
Concen: 21.767 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 77 Resp: 54399
Ion Ratio Lower Upper
77 100
97 20.4 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 20.228 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01

Tgt Ion: 96 Resp: 3585

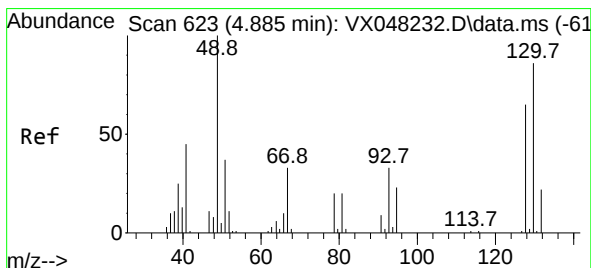
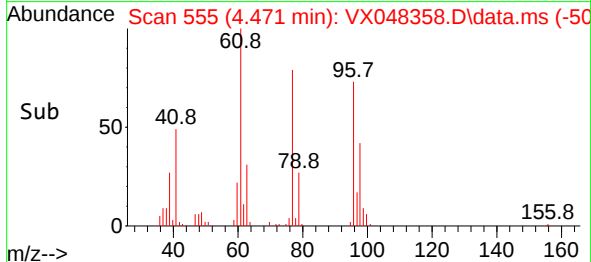
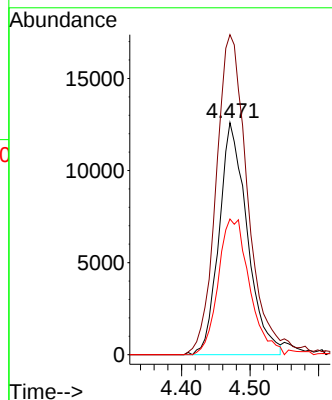
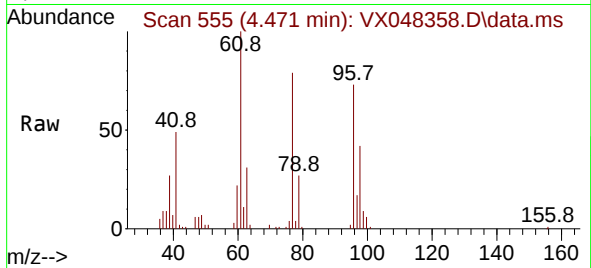
Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	294.2
98	65.2	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#28

Bromochloromethane

Concen: 21.970 ug/l

RT: 4.879 min Scan# 622

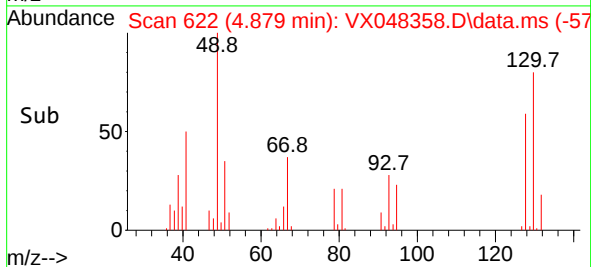
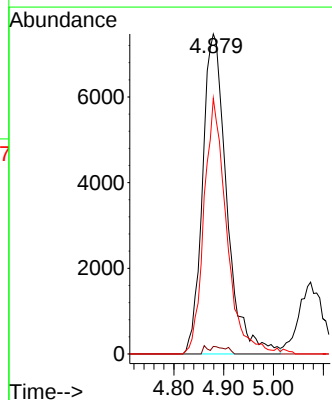
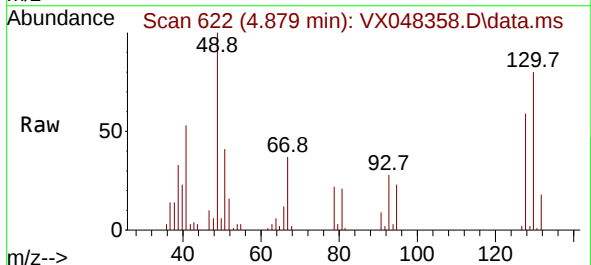
Delta R.T. -0.006 min

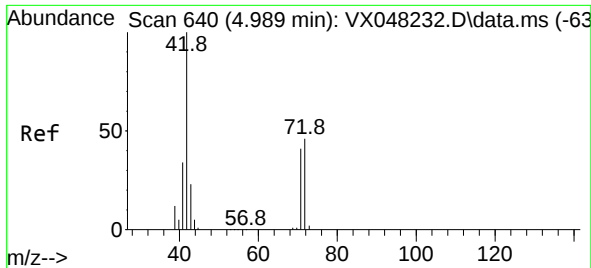
Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Tgt Ion: 49 Resp: 25223

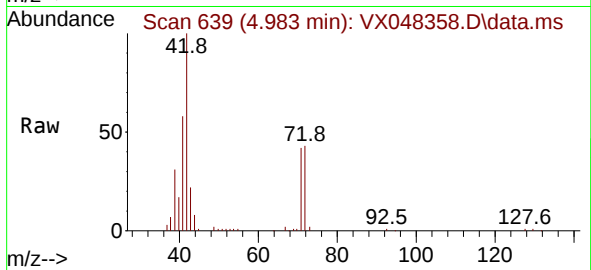
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.4
130	73.9	59.3	88.9





#29
Tetrahydrofuran
Concen: 98.817 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

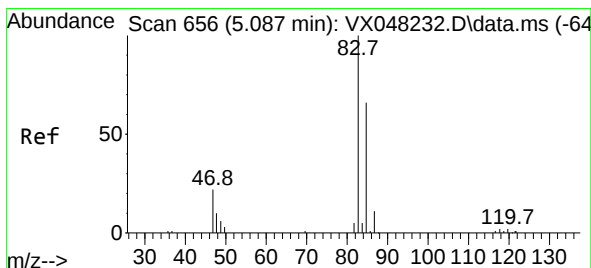
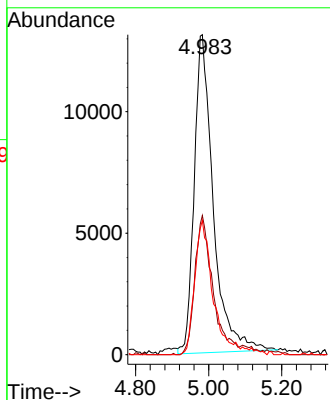
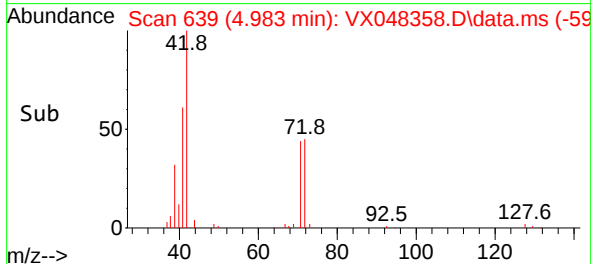
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 42 Resp: 4745
Ion Ratio Lower Upper
42 100
72 41.7 35.3 52.9
71 41.7 32.2 48.4

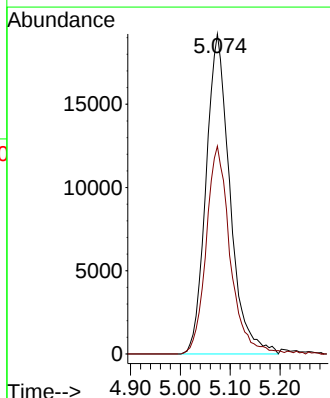
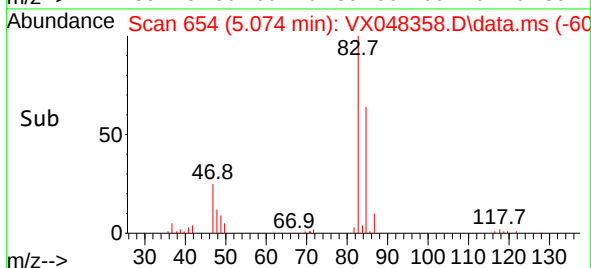
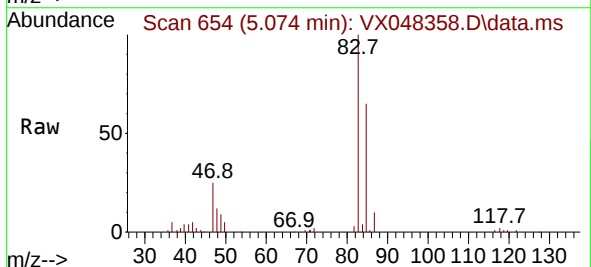
Manual Integrations
APPROVED

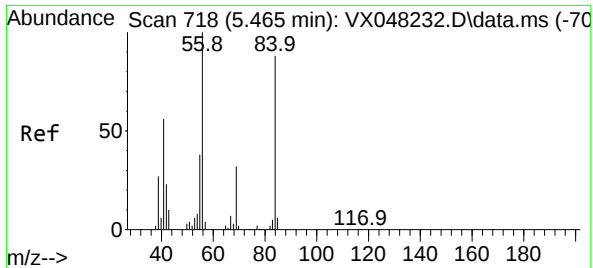
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#30
Chloroform
Concen: 21.613 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

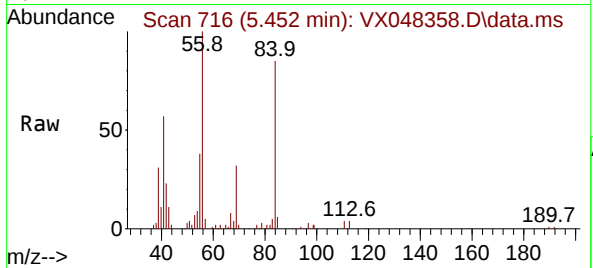
Tgt Ion: 83 Resp: 63934
Ion Ratio Lower Upper
83 100
85 66.1 50.1 75.1





#31
Cyclohexane
Concen: 21.922 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

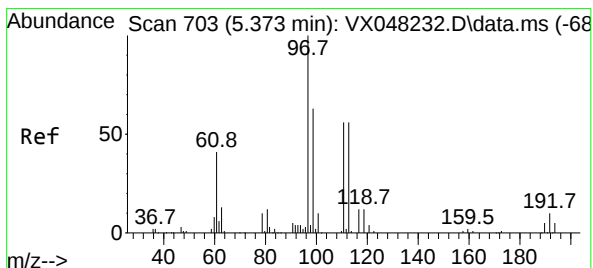
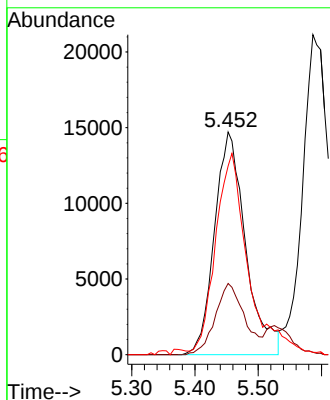
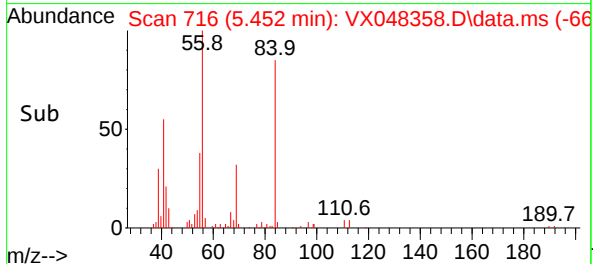
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 56 Resp: 50252
Ion Ratio Lower Upper
56 100
69 31.4 23.0 34.6
84 82.4 64.6 97.0

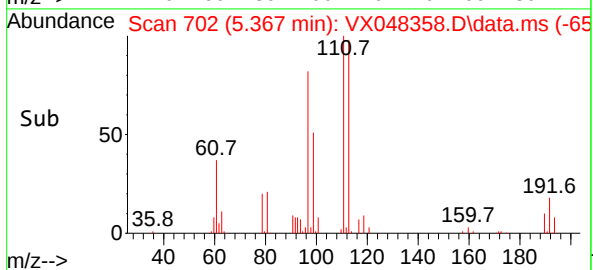
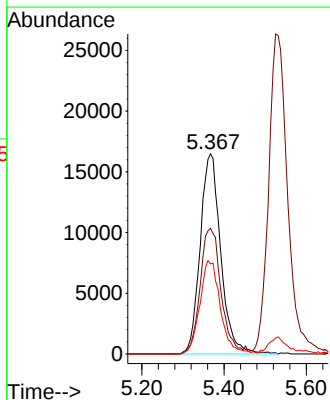
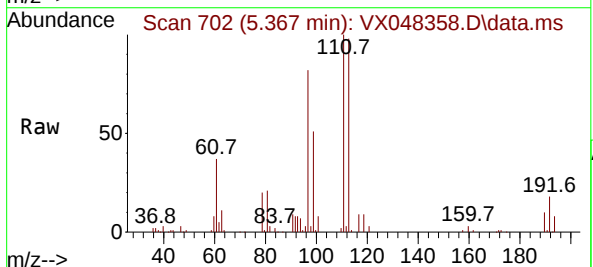
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#32
1,1,1-Trichloroethane
Concen: 20.982 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 97 Resp: 57204
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 46.5 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 55.682 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01

Tgt Ion: 65 Resp: 102830

Ion Ratio Lower Upper

65 100

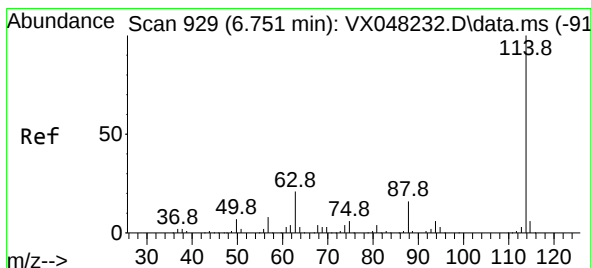
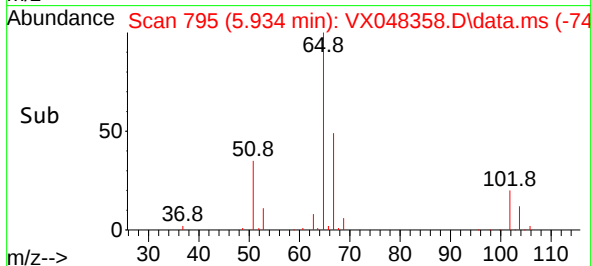
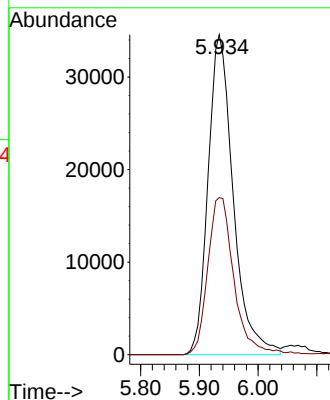
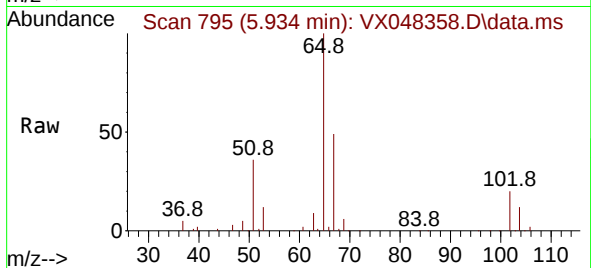
67 50.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

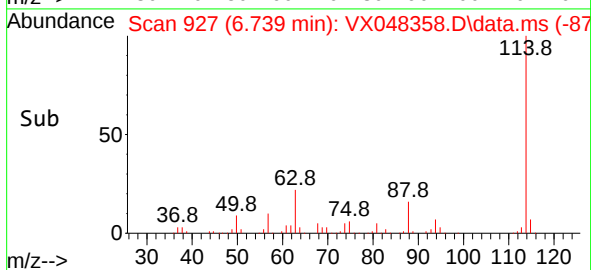
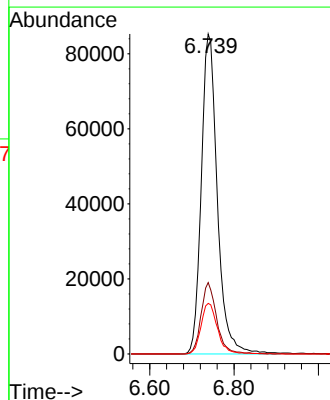
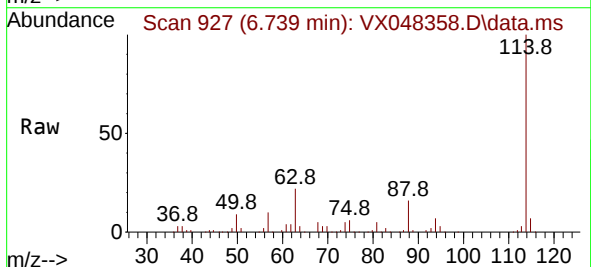
Tgt Ion:114 Resp: 225739

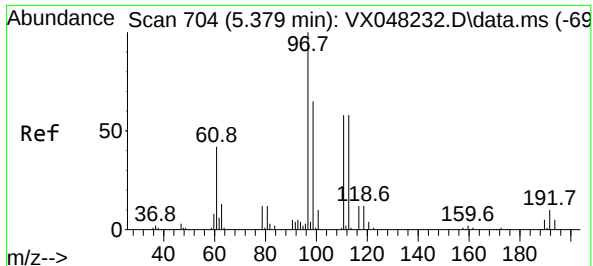
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

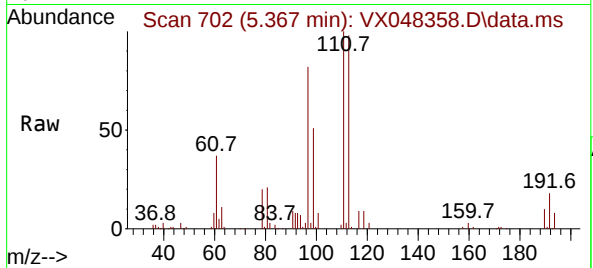
88 15.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 42.179 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

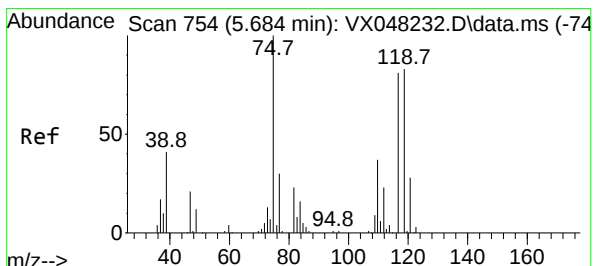
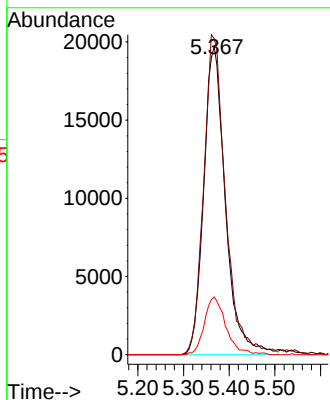
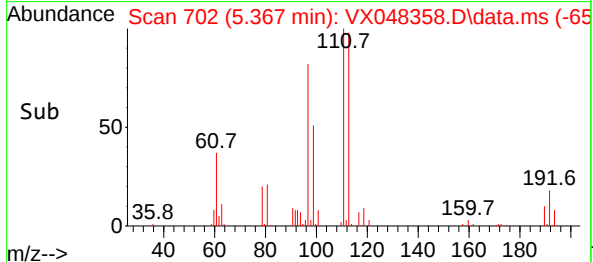
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 113 Resp: 6500
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 18.6 15.1 22.7

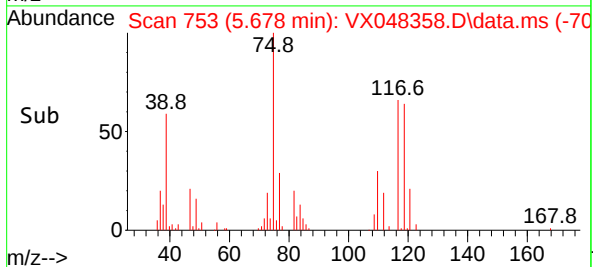
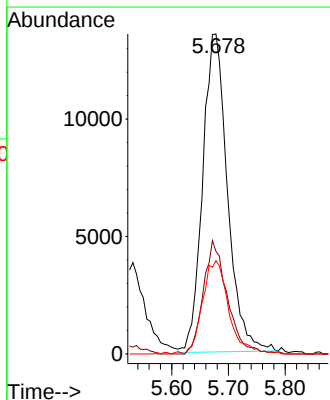
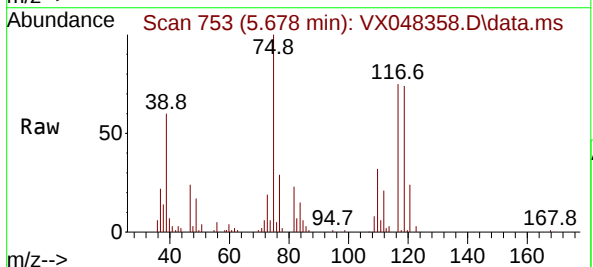
Manual Integrations
APPROVED

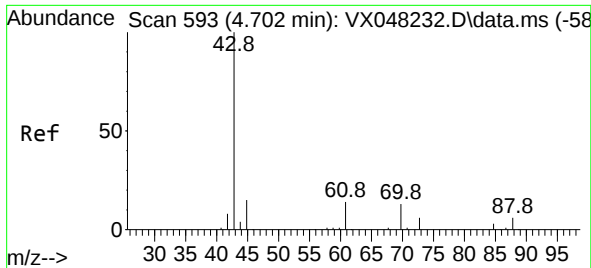
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#36
1,1-Dichloropropene
Concen: 18.854 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 75 Resp: 41298
Ion Ratio Lower Upper
75 100
110 34.4 17.7 53.1
77 30.6 24.3 36.5





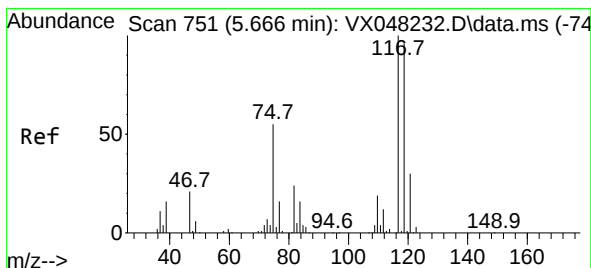
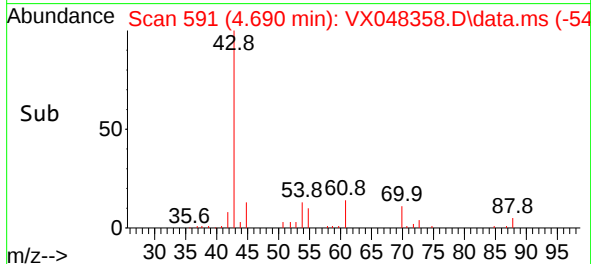
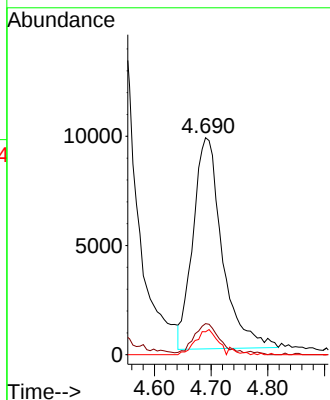
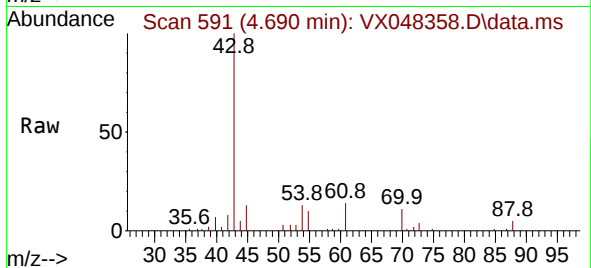
#37
Ethyl Acetate
Concen: 19.003 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 43 Resp: 3450
Ion Ratio Lower Upper
43 100
61 11.4 10.6 15.8
70 8.7 7.8 11.6

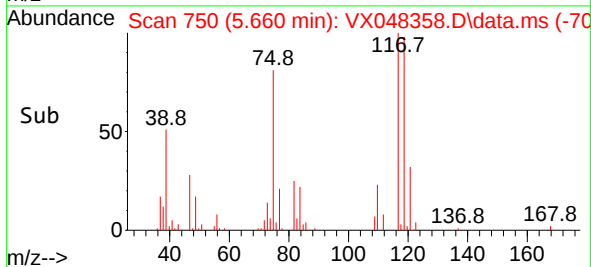
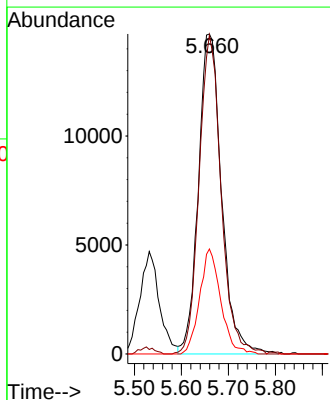
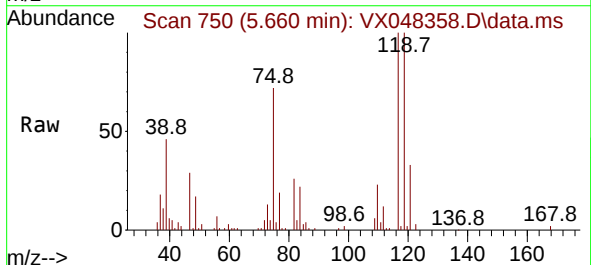
Manual Integrations
APPROVED

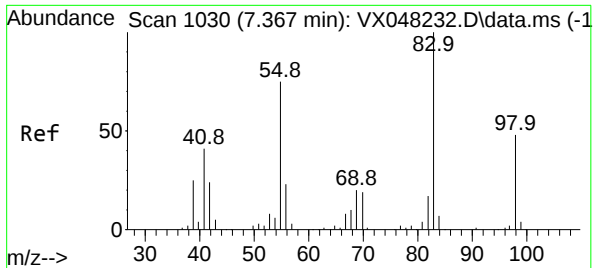
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#38
Carbon Tetrachloride
Concen: 18.609 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion:117 Resp: 50288
Ion Ratio Lower Upper
117 100
119 99.1 77.2 115.8
121 32.8 24.8 37.2





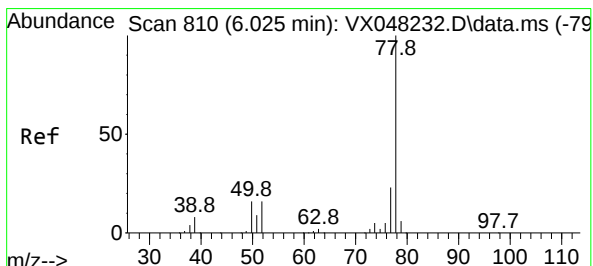
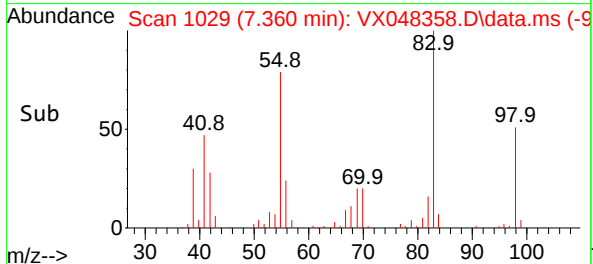
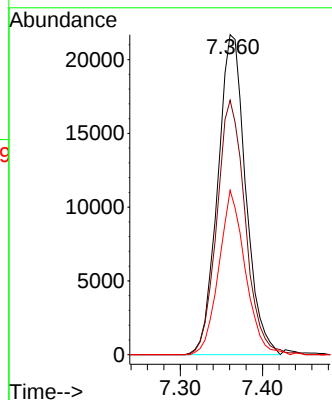
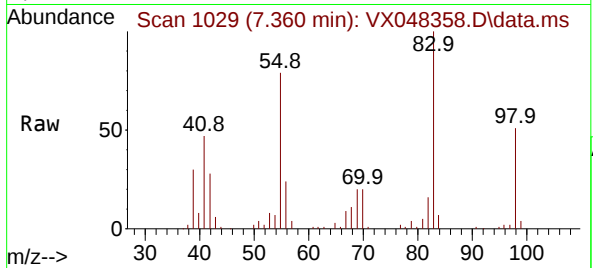
#39
Methylcyclohexane
Concen: 19.841 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 83 Resp: 5132
Ion Ratio Lower Upper
83 100
55 79.5 66.2 99.2
98 51.4 38.9 58.3

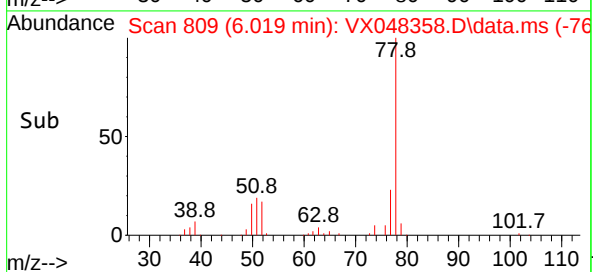
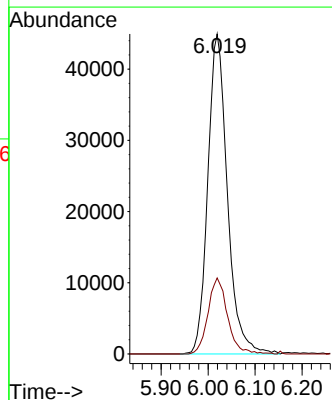
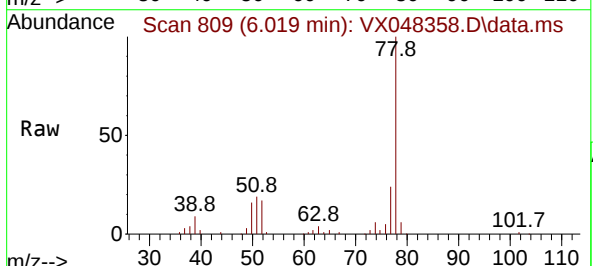
Manual Integrations
APPROVED

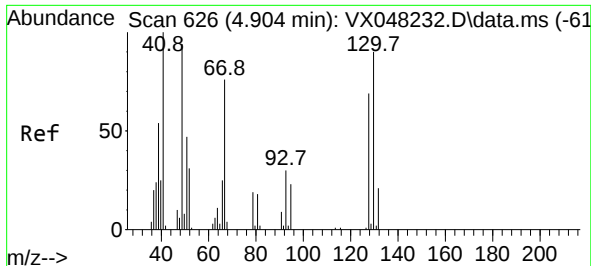
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#40
Benzene
Concen: 20.422 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

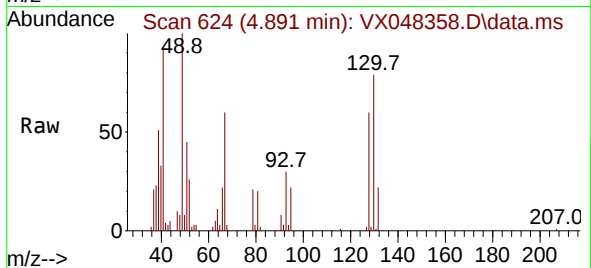
Tgt Ion: 78 Resp: 129873
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 20.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

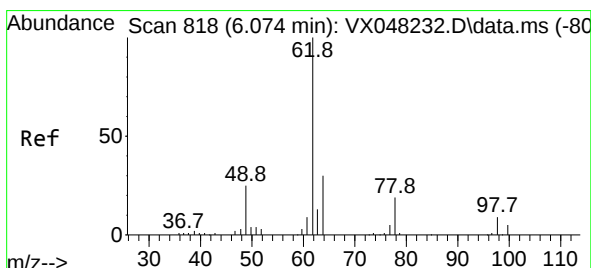
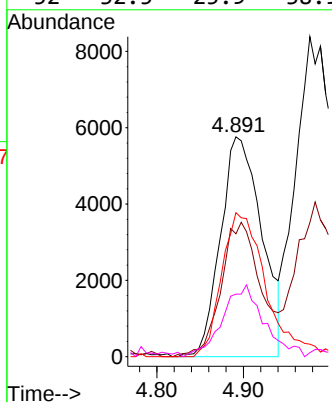
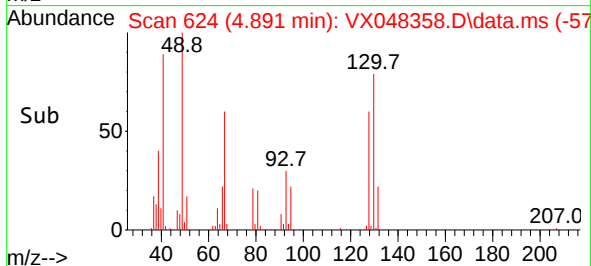
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 41 Resp: 19069
Ion Ratio Lower Upper
41 100
39 58.7 44.0 66.0
67 70.9 58.7 88.1
52 32.5 25.9 38.9

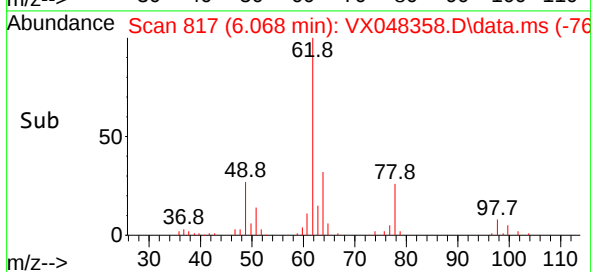
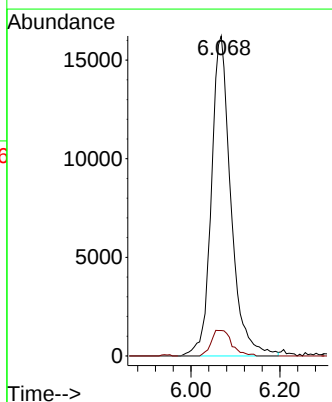
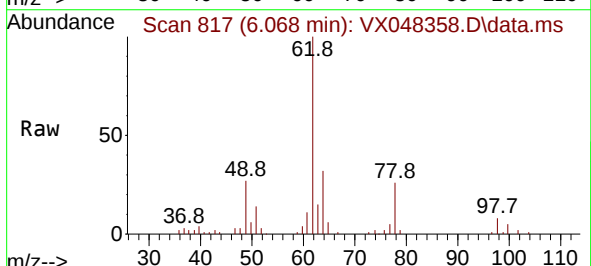
Manual Integrations
APPROVED

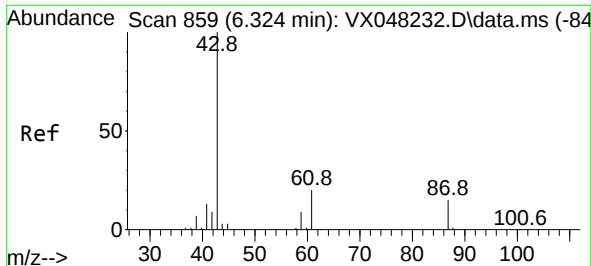
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#42
1,2-Dichloroethane
Concen: 21.063 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 62 Resp: 49429
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.2





#43

Isopropyl Acetate

Concen: 20.639 ug/l

RT: 6.318 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01

Tgt Ion: 43 Resp: 61550

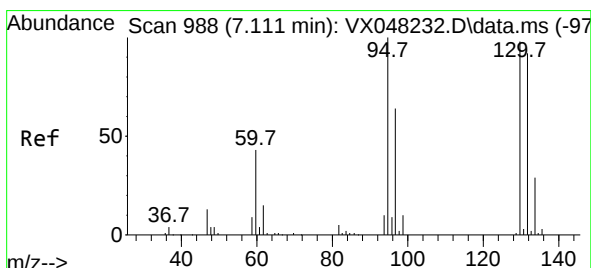
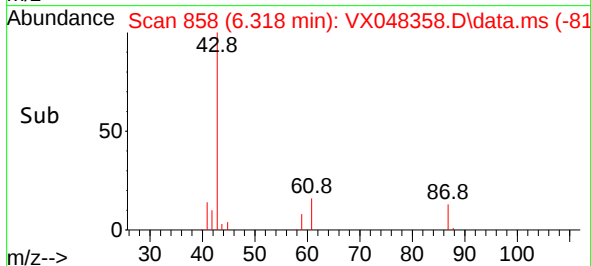
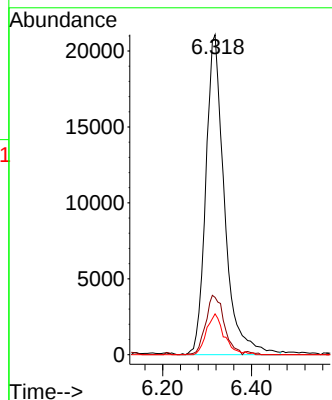
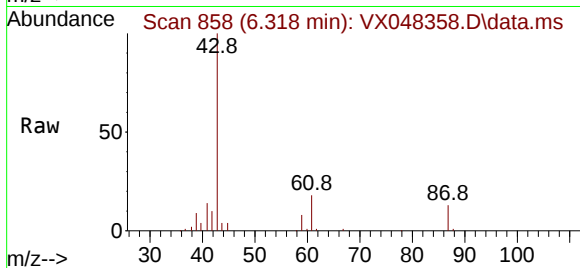
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
87	12.2	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#44

Trichloroethene

Concen: 19.524 ug/l

RT: 7.104 min Scan# 987

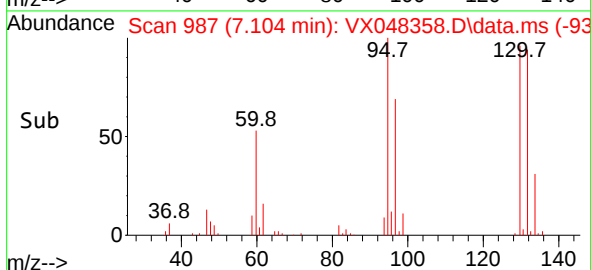
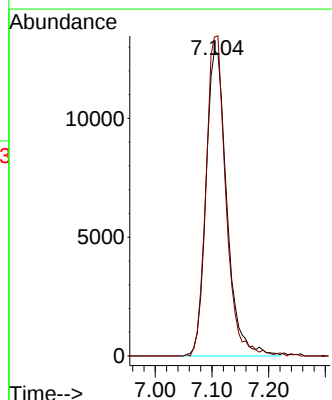
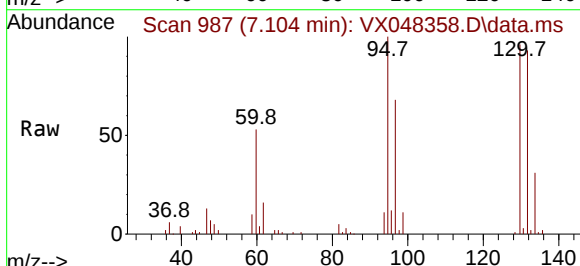
Delta R.T. -0.006 min

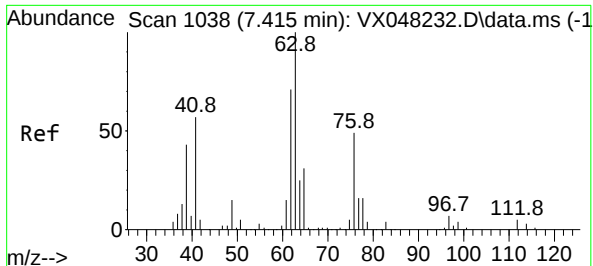
Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Tgt Ion:130 Resp: 32785

Ion	Ratio	Lower	Upper
130	100		
95	116.8	0.0	200.6





#45

1,2-Dichloropropane

Concen: 21.652 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01

Tgt Ion: 63 Resp: 32738

Ion Ratio Lower Upper

63 100

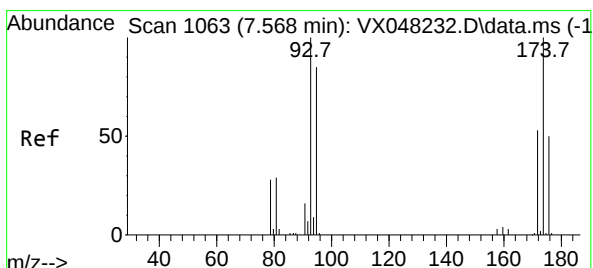
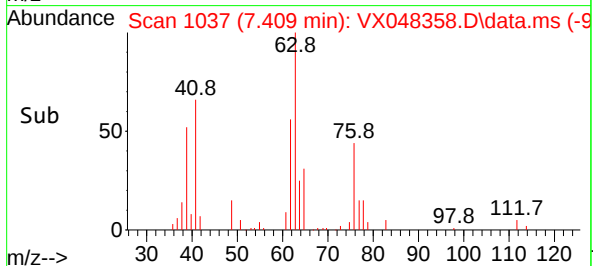
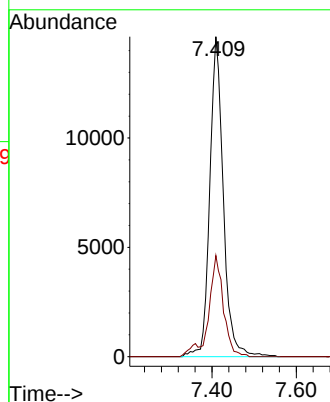
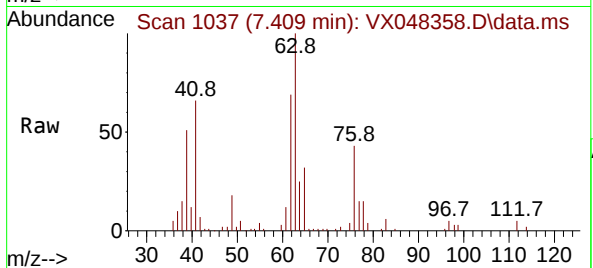
65 31.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#46

Dibromomethane

Concen: 19.357 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

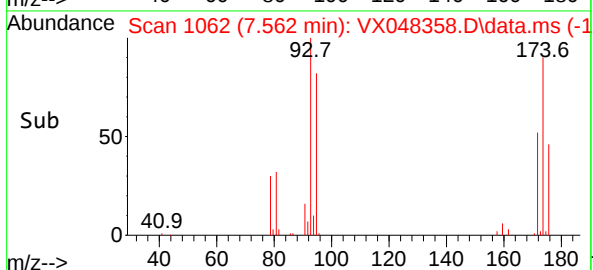
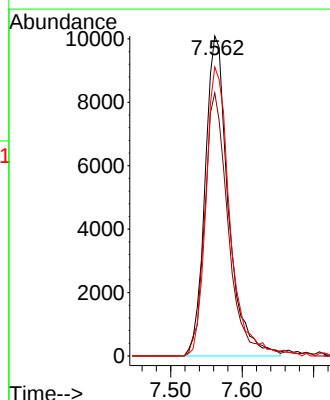
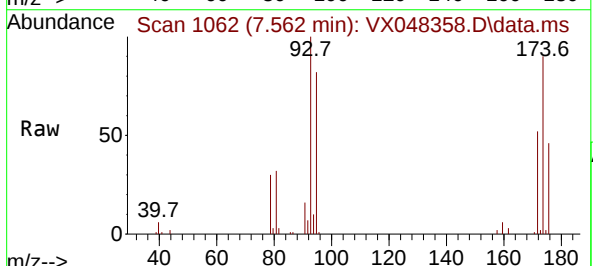
Tgt Ion: 93 Resp: 22802

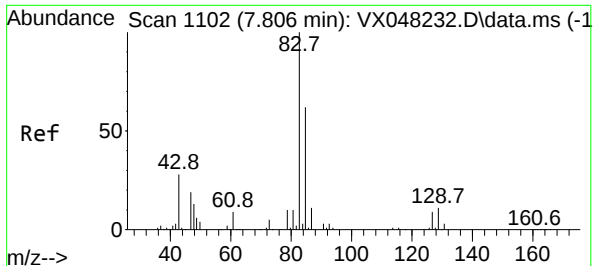
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 93.2 71.7 107.5





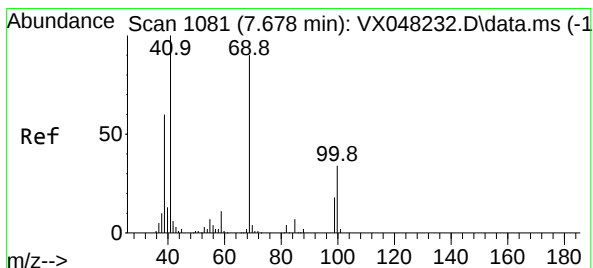
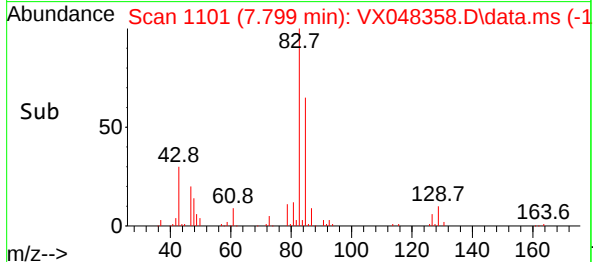
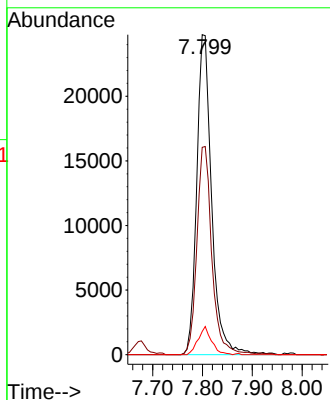
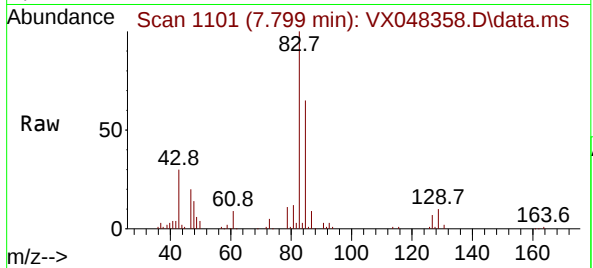
#47
Bromodichloromethane
Concen: 20.248 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 83 Resp: 51499
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4
127 7.2 7.3 10.9

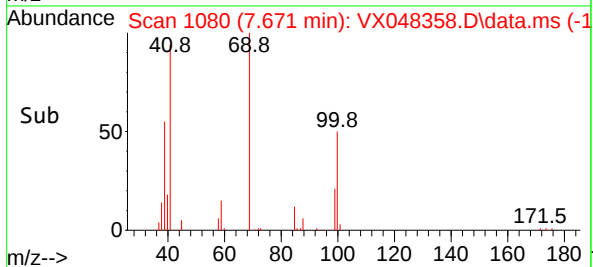
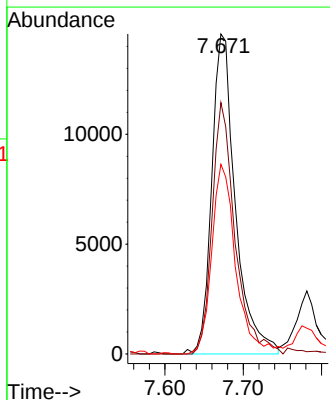
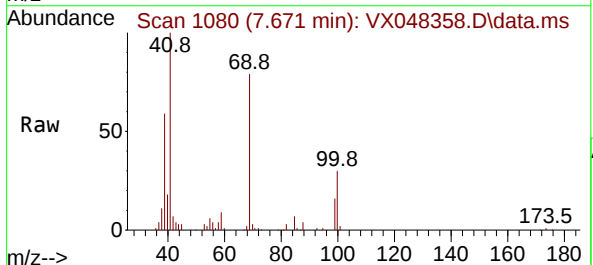
Manual Integrations
APPROVED

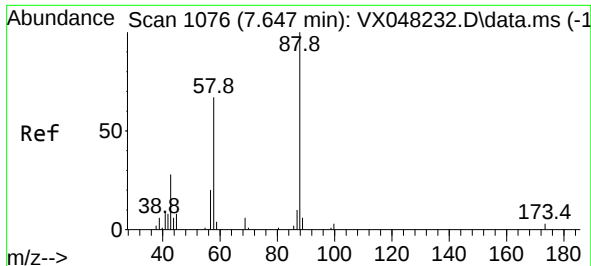
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#48
Methyl methacrylate
Concen: 20.307 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

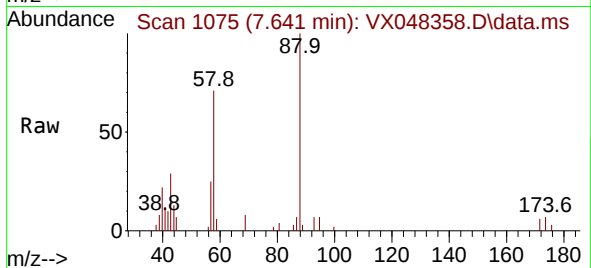
Tgt Ion: 41 Resp: 30560
Ion Ratio Lower Upper
41 100
69 76.0 63.4 95.0
39 60.6 47.1 70.7





#49
1,4-Dioxane
Concen: 325.176 ug/l
RT: 7.641 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

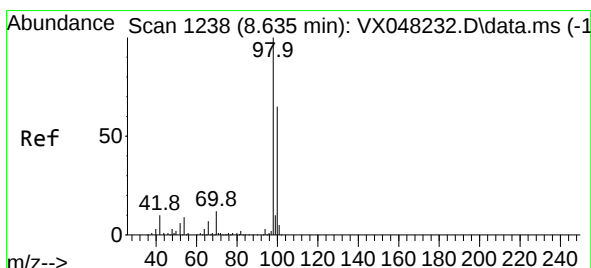
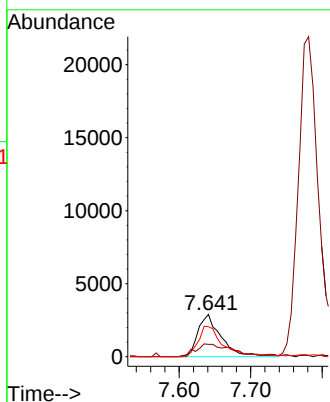
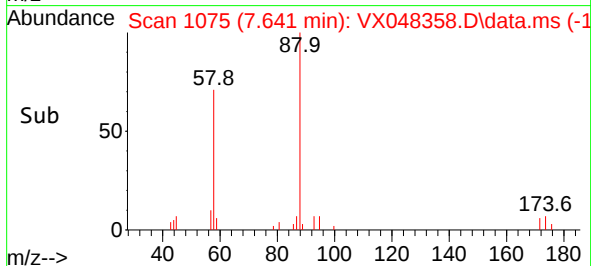
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 88 Resp: 646
Ion Ratio Lower Upper
88 100
43 47.5 35.0 52.4
58 77.6 61.9 92.9

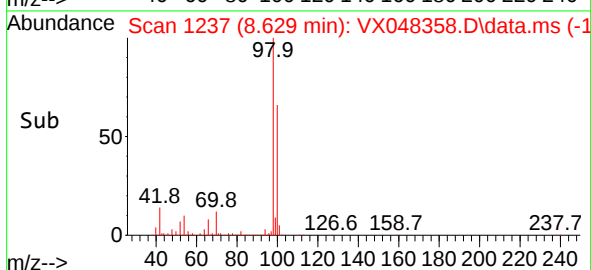
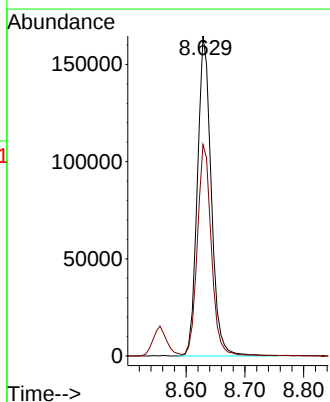
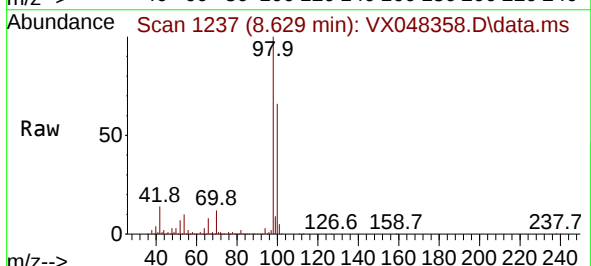
Manual Integrations
APPROVED

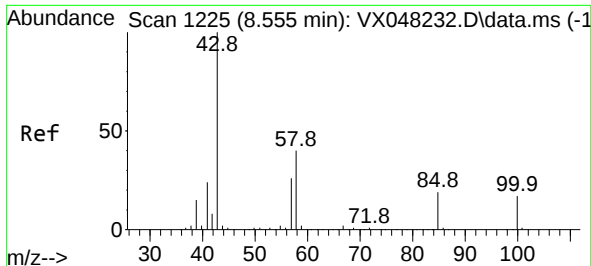
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#50
Toluene-d8
Concen: 50.046 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

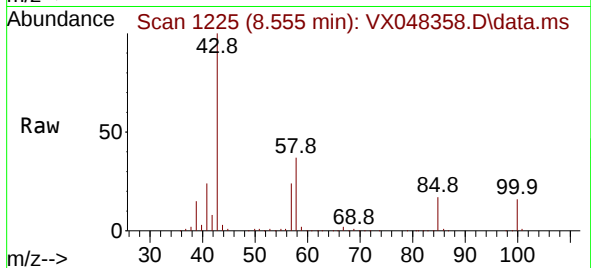
Tgt Ion: 98 Resp: 270338
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 98.720 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

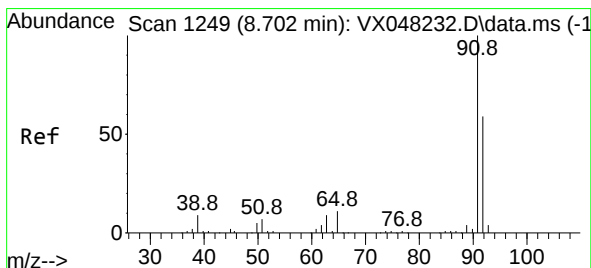
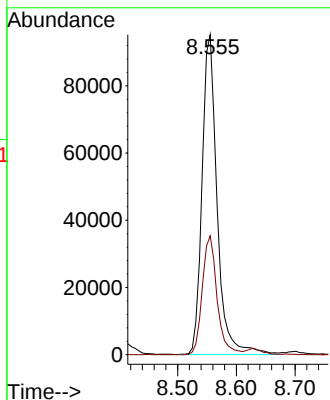
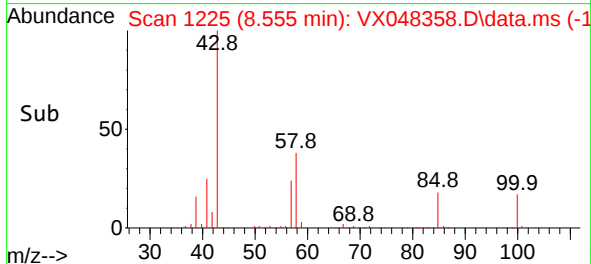
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 43 Resp: 169748
Ion Ratio Lower Upper
43 100
58 36.5 29.5 44.3

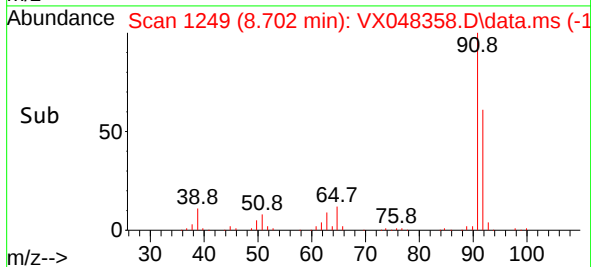
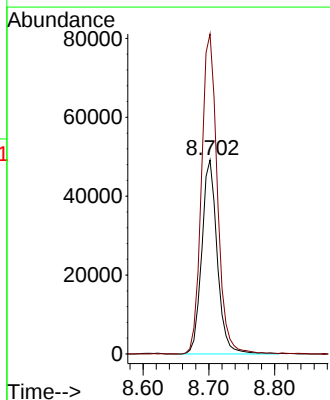
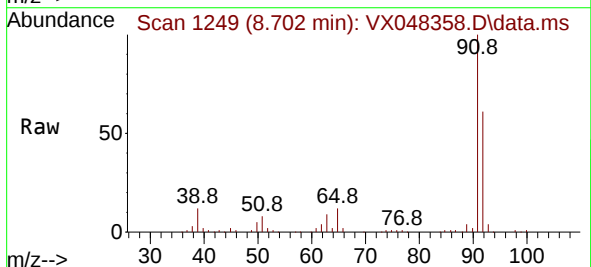
Manual Integrations
APPROVED

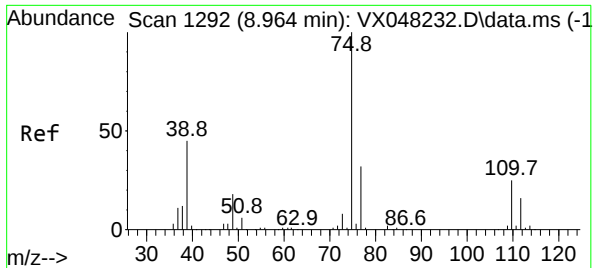
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#52
Toluene
Concen: 19.946 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 92 Resp: 80584
Ion Ratio Lower Upper
92 100
91 169.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.685 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01

Tgt Ion: 75 Resp: 4824

Ion Ratio Lower Upper

75 100

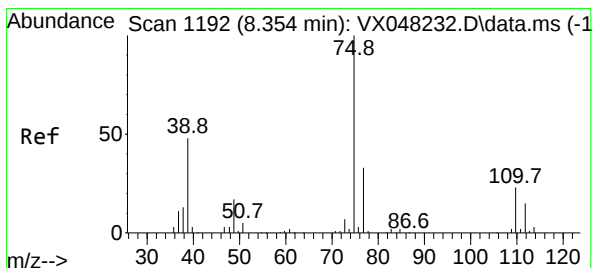
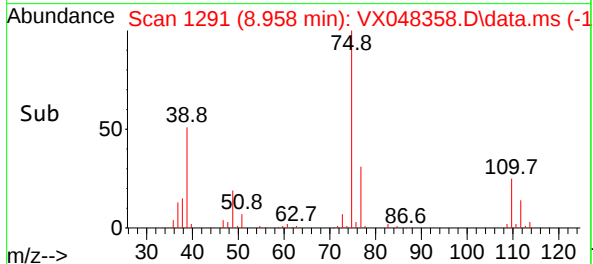
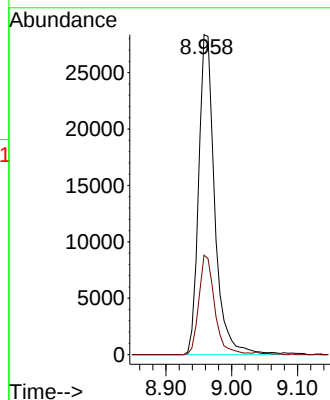
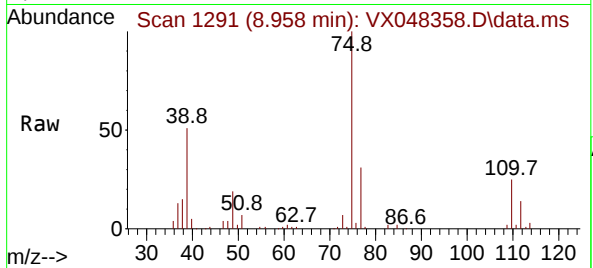
77 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#54

cis-1,3-Dichloropropene

Concen: 19.536 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

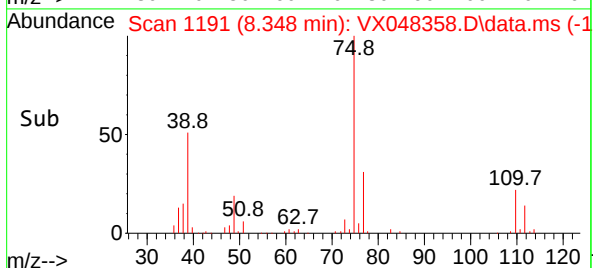
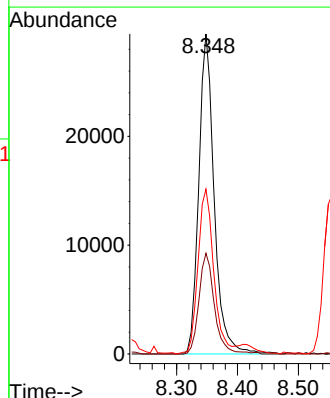
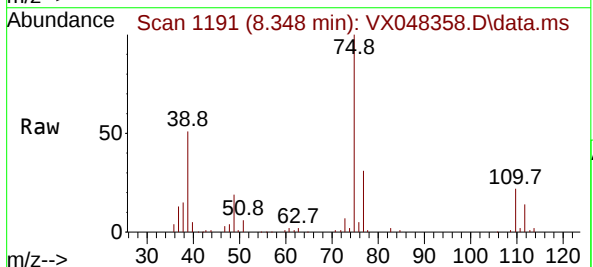
Tgt Ion: 75 Resp: 51662

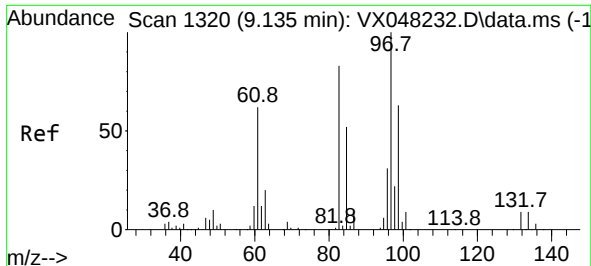
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

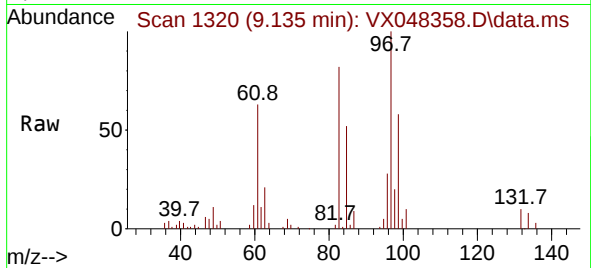
39 51.2 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.259 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

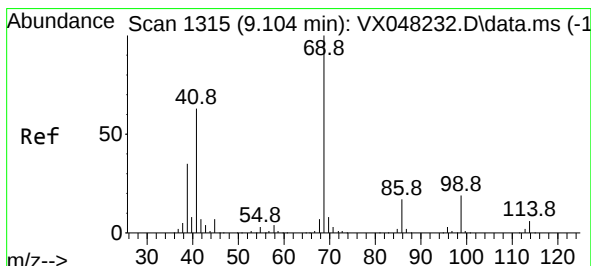
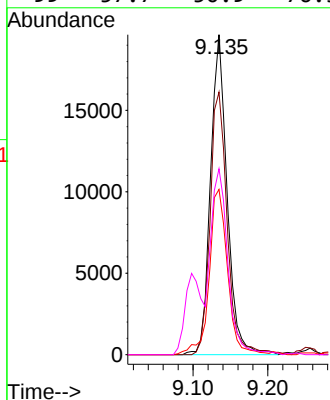
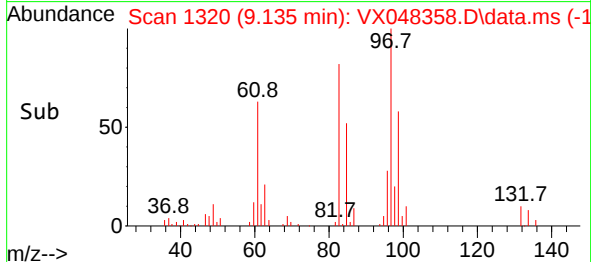
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



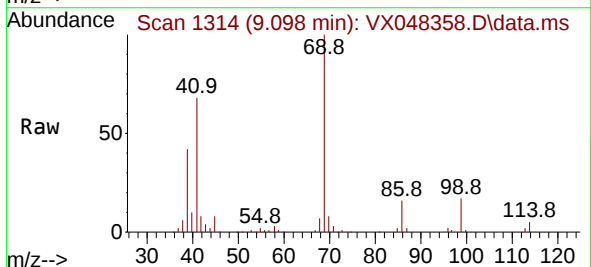
Tgt Ion: 97 Resp: 30438
Ion Ratio Lower Upper
97 100
83 82.1 70.6 105.8
85 51.4 45.0 67.6
99 57.7 50.9 76.3

Manual Integrations
APPROVED

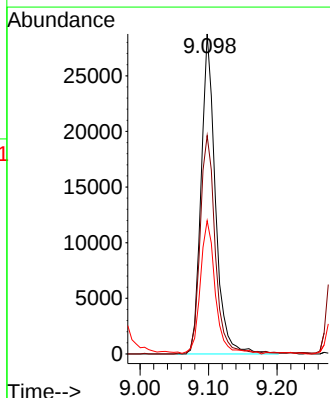
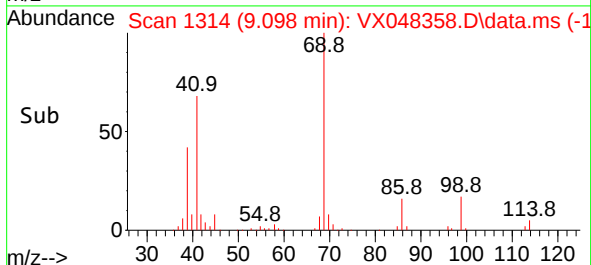
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

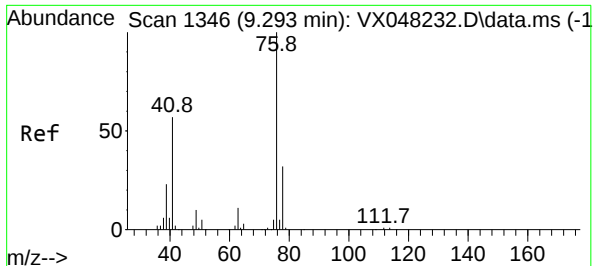


#56
Ethyl methacrylate
Concen: 19.023 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34



Tgt Ion: 69 Resp: 41803
Ion Ratio Lower Upper
69 100
41 71.7 56.0 84.0
39 43.8 31.6 47.4





#57

1,3-Dichloropropane

Concen: 20.369 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01

Tgt Ion: 76 Resp: 52274

Ion Ratio Lower Upper

76 100

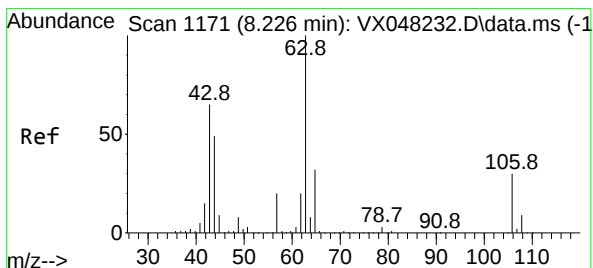
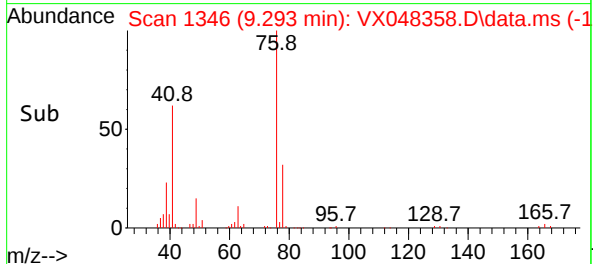
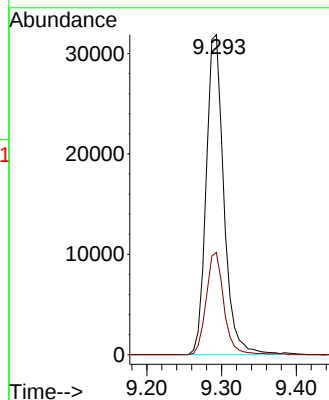
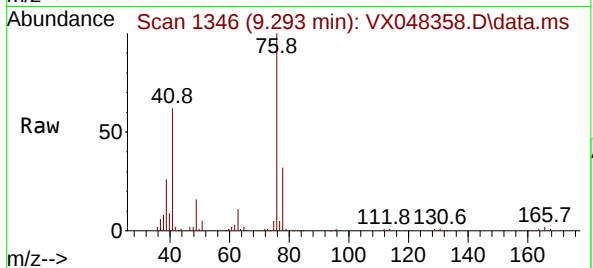
78 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 95.249 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048358.D

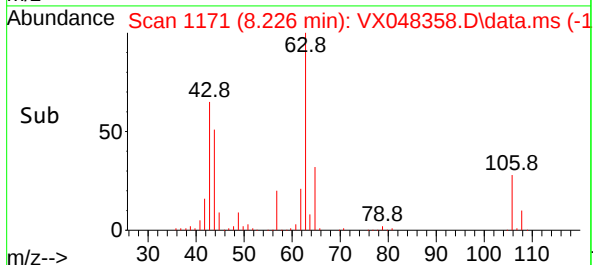
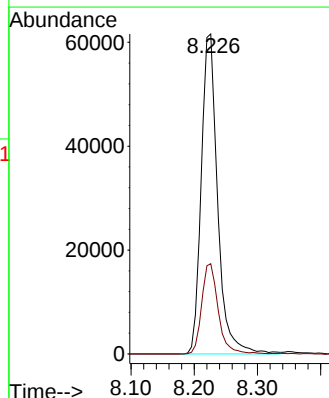
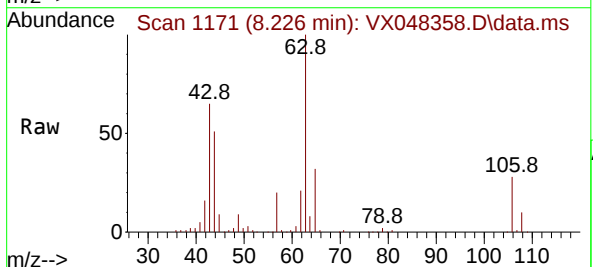
Acq: 27 Oct 2025 10:34

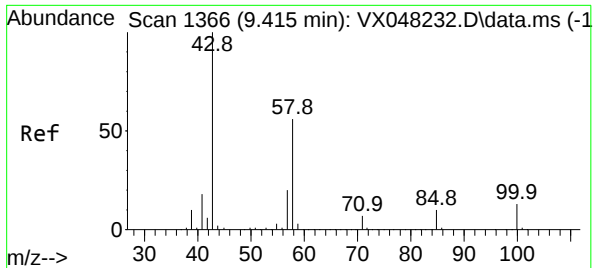
Tgt Ion: 63 Resp: 111299

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2





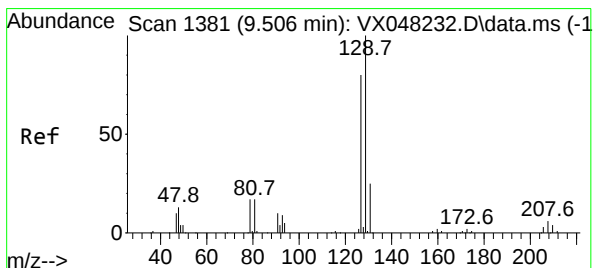
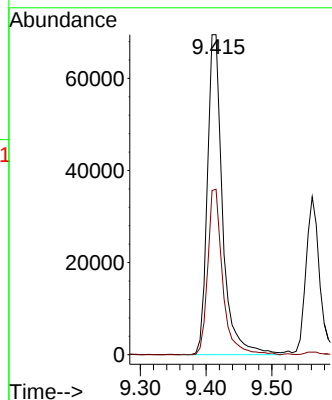
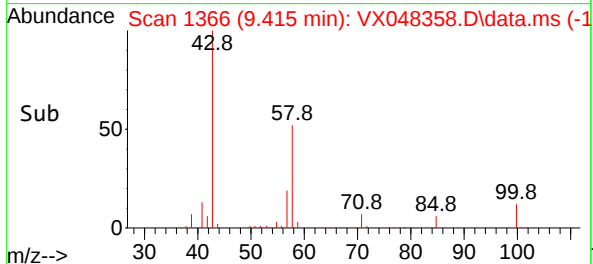
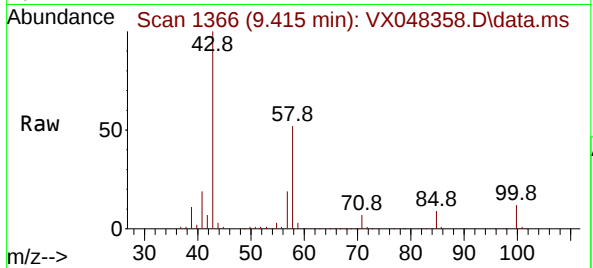
#59
2-Hexanone
Concen: 93.344 ug/l
RT: 9.415 min Scan# 111918
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 43 Resp: 111918
Ion Ratio Lower Upper
43 100
58 50.6 26.3 78.8

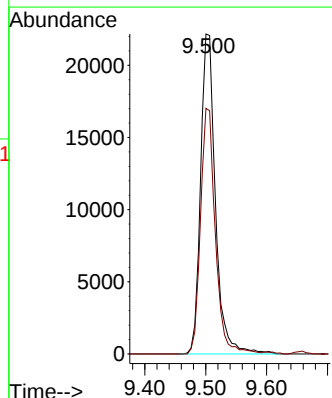
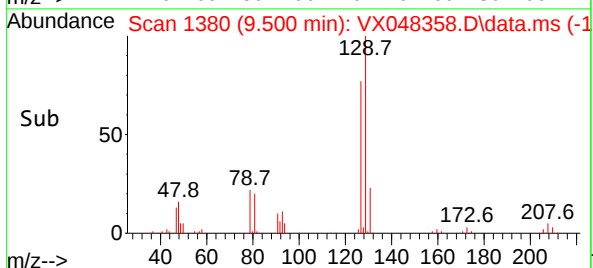
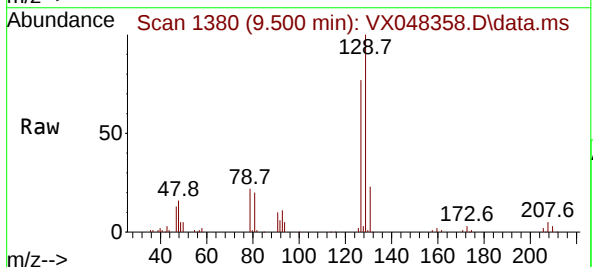
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#60
Dibromochloromethane
Concen: 18.631 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

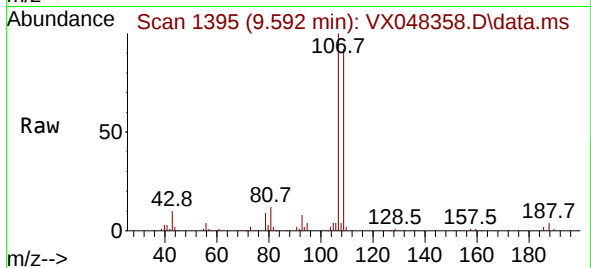
Tgt Ion:129 Resp: 37622
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.077 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

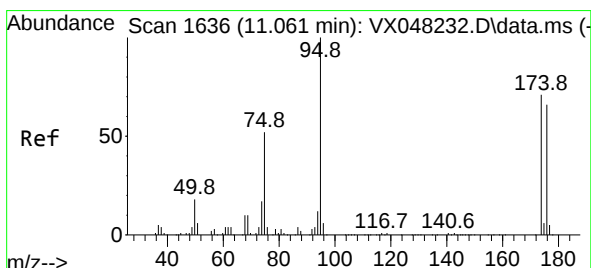
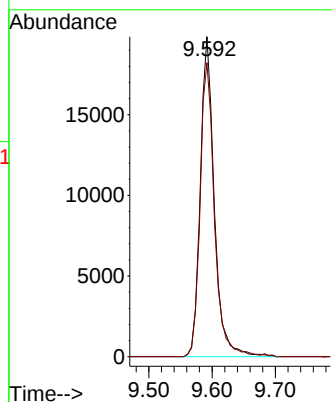
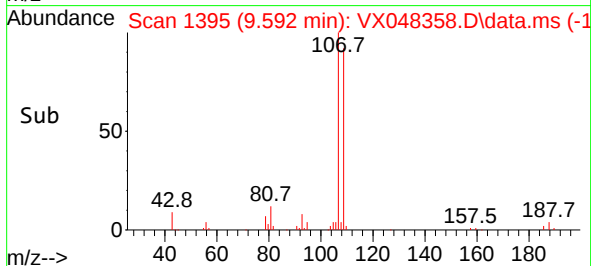
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



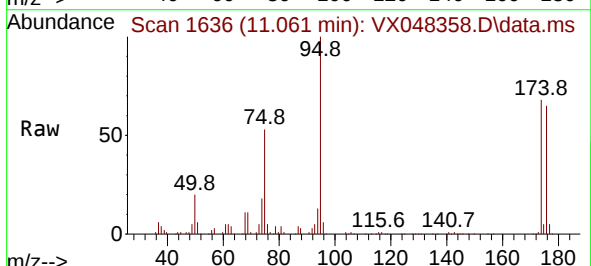
Tgt Ion:107 Resp: 30550
Ion Ratio Lower Upper
107 100
109 94.1 77.0 115.4

Manual Integrations
APPROVED

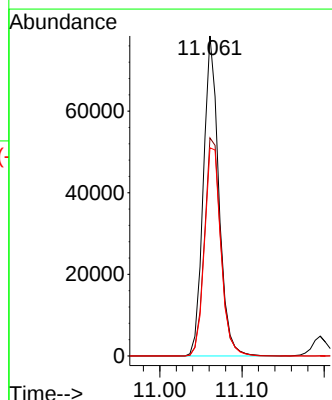
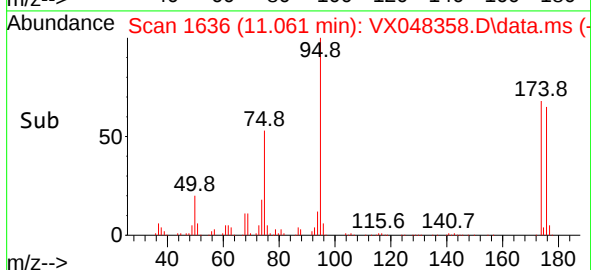
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

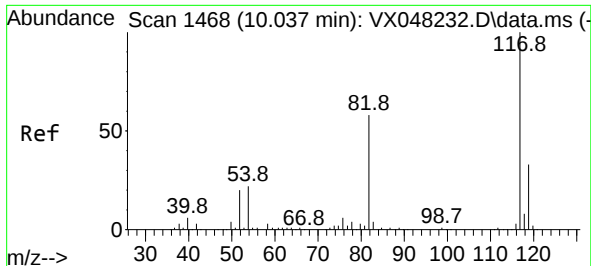


#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34



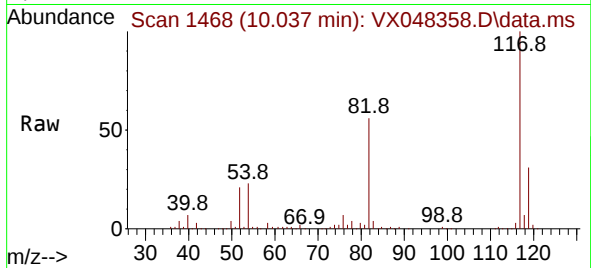
Tgt Ion: 95 Resp: 102009
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.8
176 69.5 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

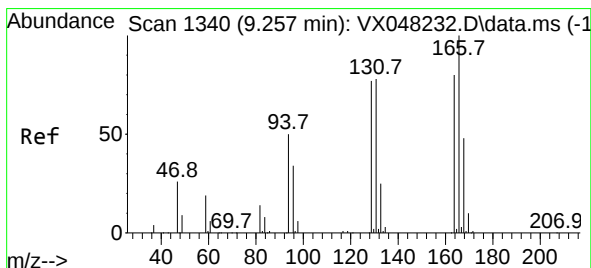
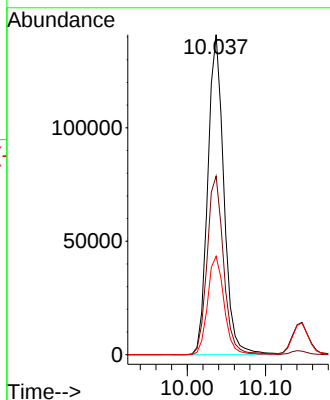
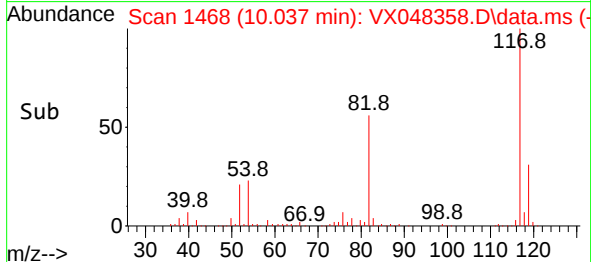
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion:117 Resp: 200520
Ion Ratio Lower Upper
117 100
82 55.8 46.5 69.7
119 30.7 25.9 38.9

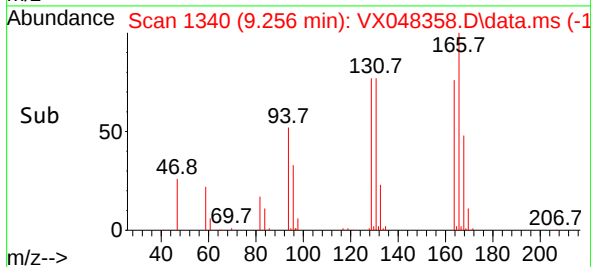
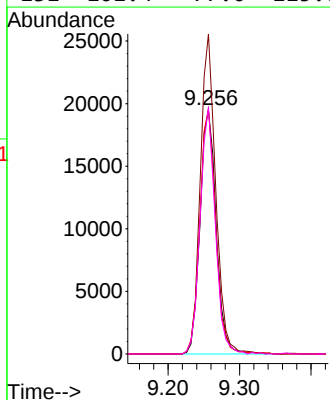
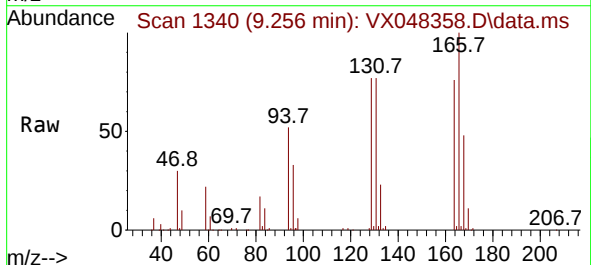
Manual Integrations
APPROVED

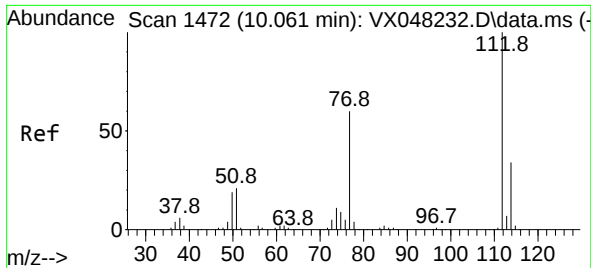
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#64
Tetrachloroethene
Concen: 20.386 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion:164 Resp: 30516
Ion Ratio Lower Upper
164 100
166 131.3 104.5 156.7
129 100.5 81.8 122.6
131 101.4 77.0 115.6





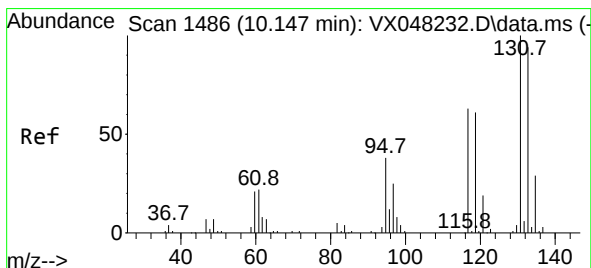
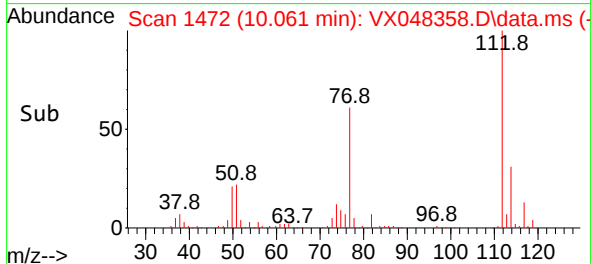
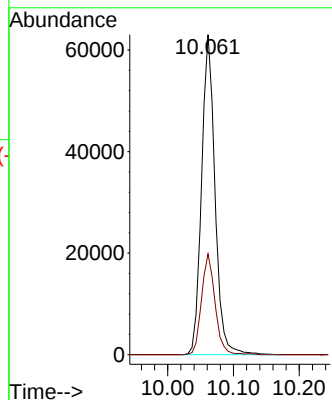
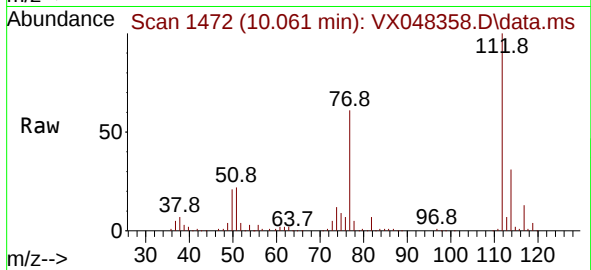
#65
Chlorobenzene
Concen: 19.865 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion:112 Resp: 8960
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

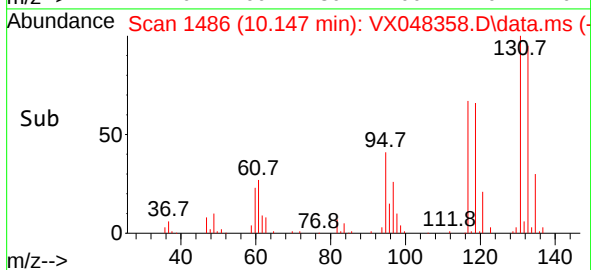
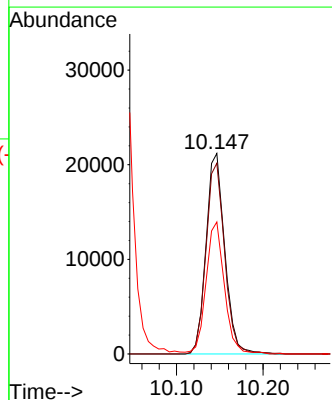
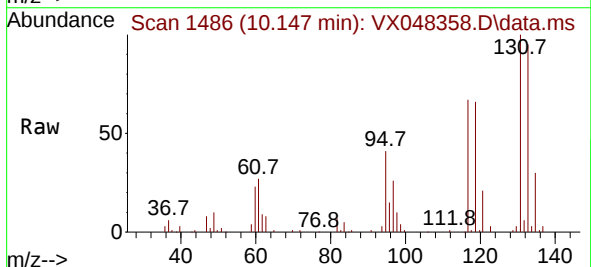
Manual Integrations
APPROVED

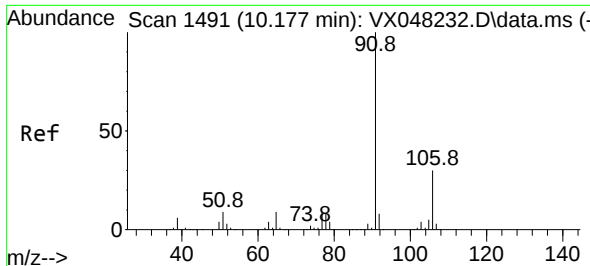
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.158 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

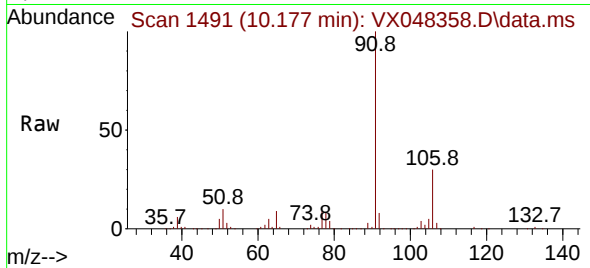
Tgt Ion:131 Resp: 31740
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 64.8 32.5 97.5





#67
Ethyl Benzene
Concen: 19.662 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

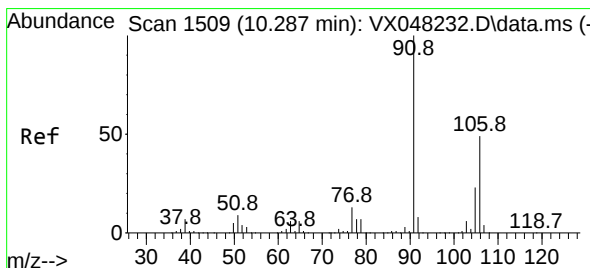
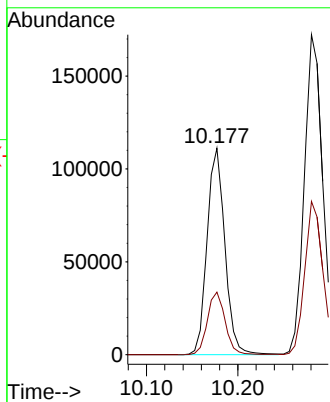
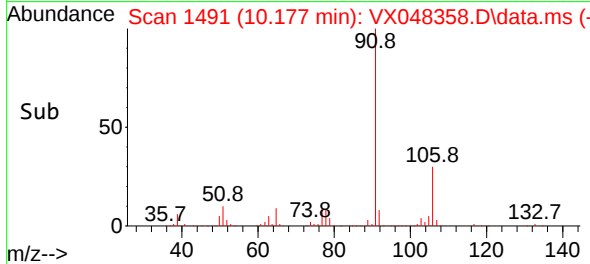
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



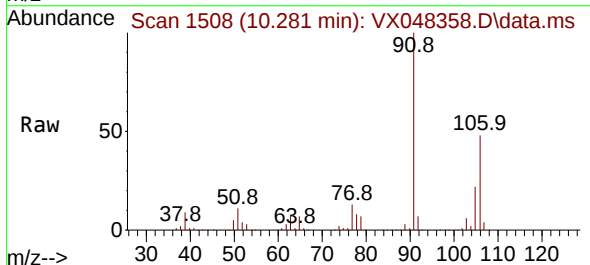
Tgt Ion: 91 Resp: 151002
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

Manual Integrations
APPROVED

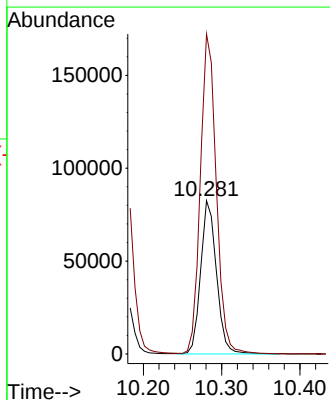
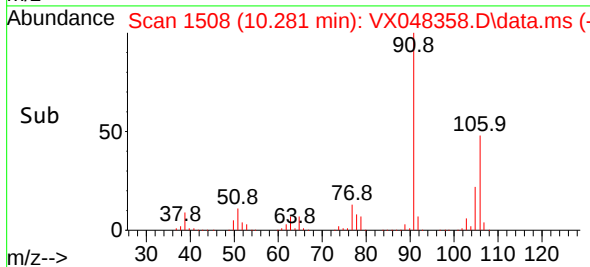
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

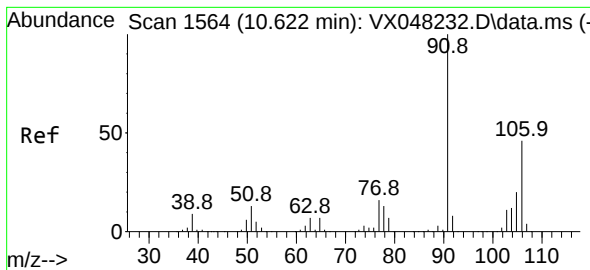


#68
m/p-Xylenes
Concen: 40.510 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34



Tgt Ion:106 Resp: 115593
Ion Ratio Lower Upper
106 100
91 210.7 167.9 251.9





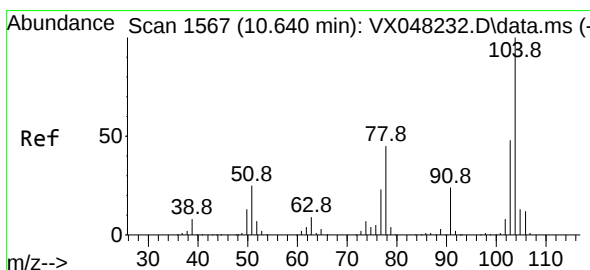
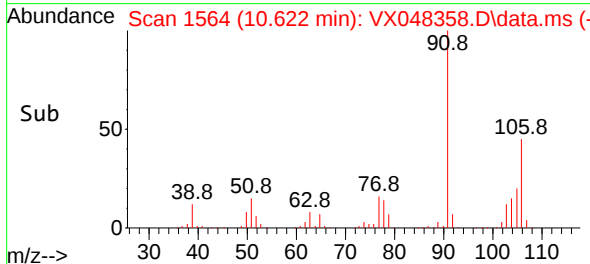
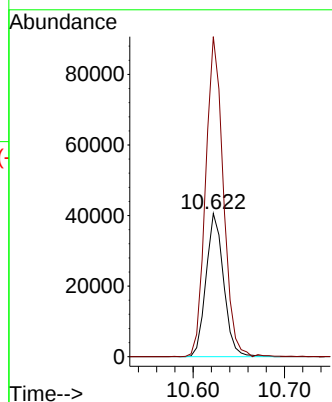
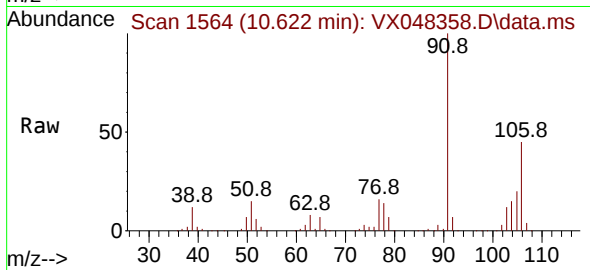
#69
o-Xylene
Concen: 19.642 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion:106 Resp: 54110
Ion Ratio Lower Upper
106 100
91 225.0 111.3 333.9

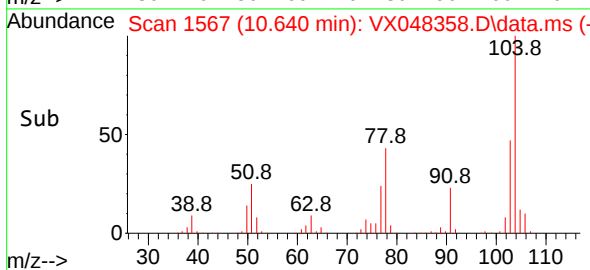
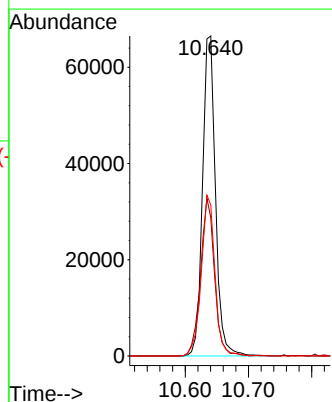
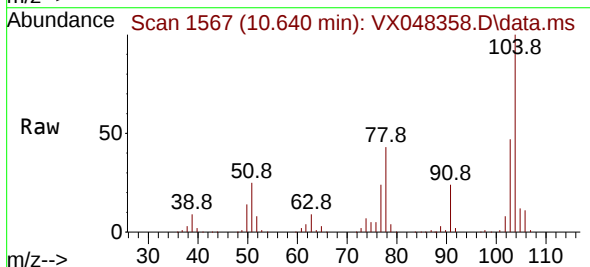
Manual Integrations
APPROVED

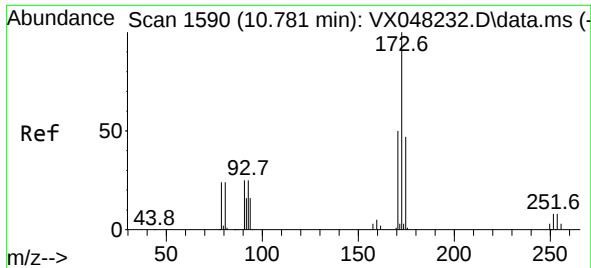
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#70
Styrene
Concen: 20.280 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

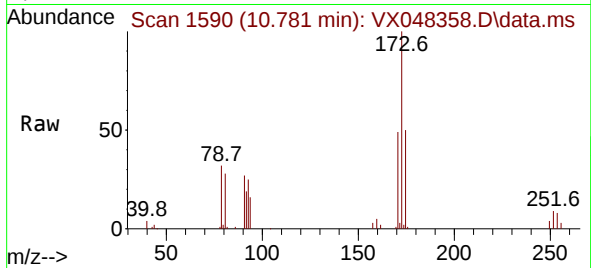
Tgt Ion:104 Resp: 95127
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 53.0 43.0 64.4





#71
Bromoform
Concen: 16.774 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

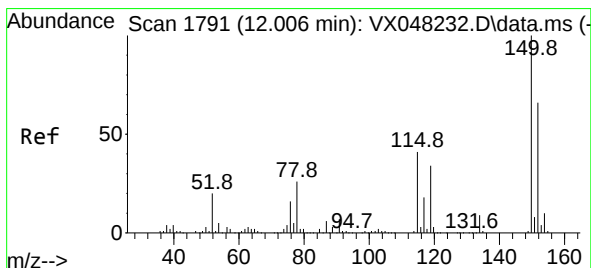
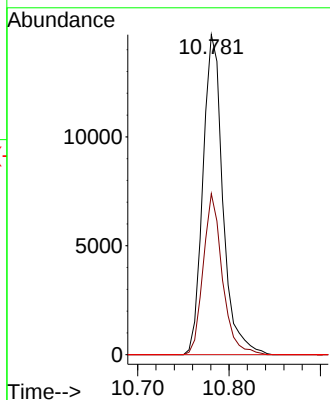
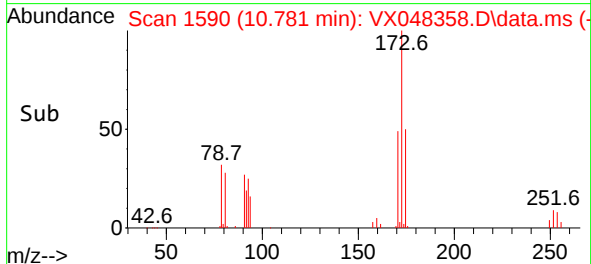
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



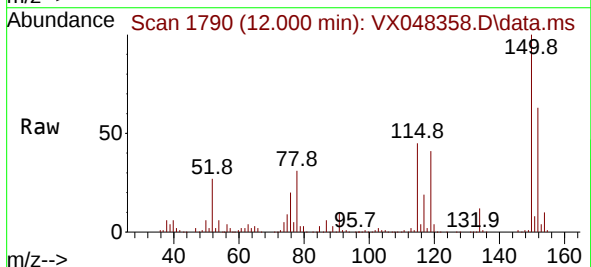
Tgt Ion:173 Resp: 2221
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

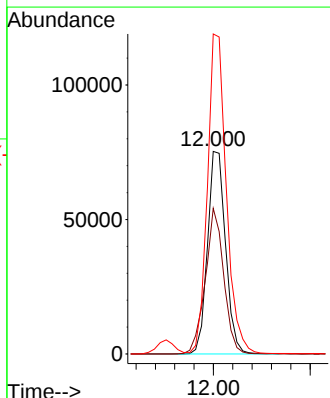
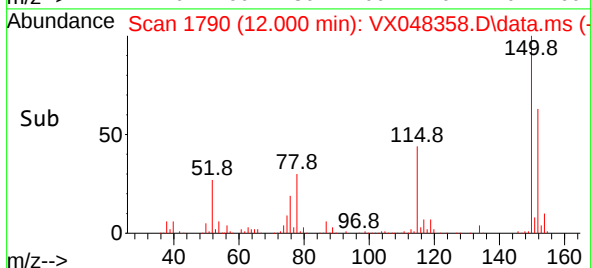
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

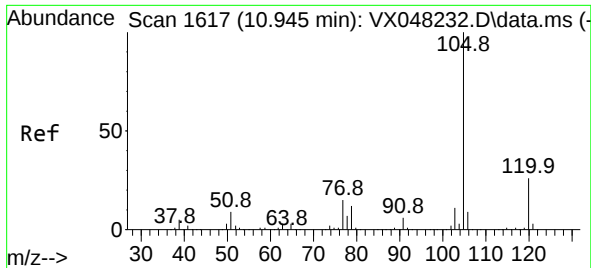


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34



Tgt Ion:152 Resp: 97723
Ion Ratio Lower Upper
152 100
115 73.5 43.1 129.4
150 165.4 0.0 353.0





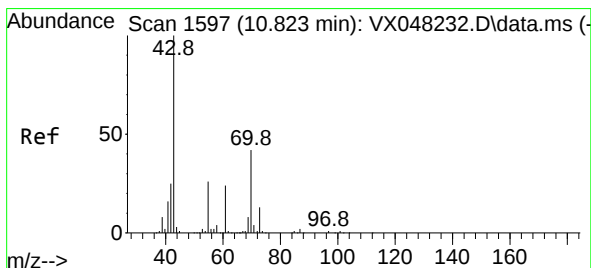
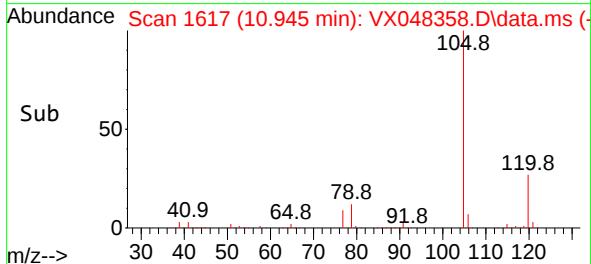
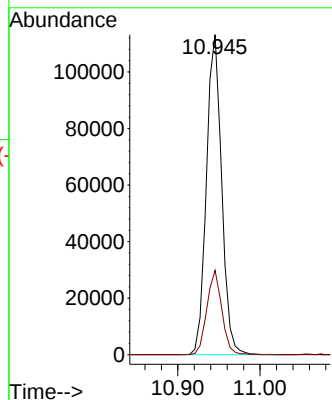
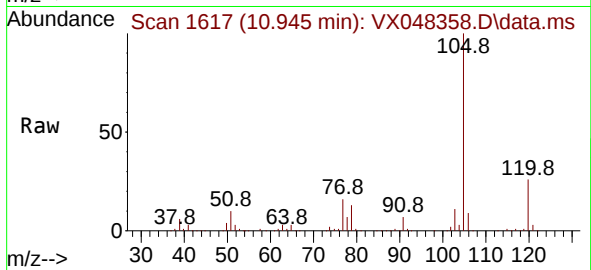
#73
Isopropylbenzene
Concen: 20.390 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion:105 Resp: 14553
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

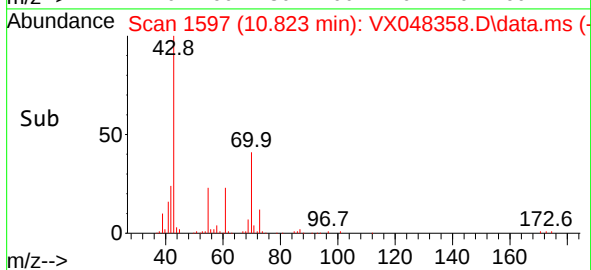
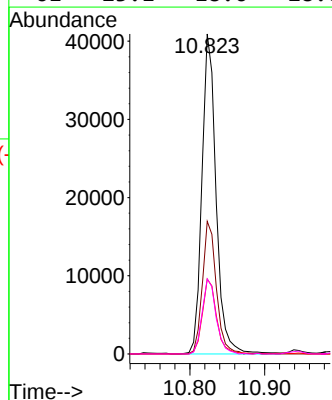
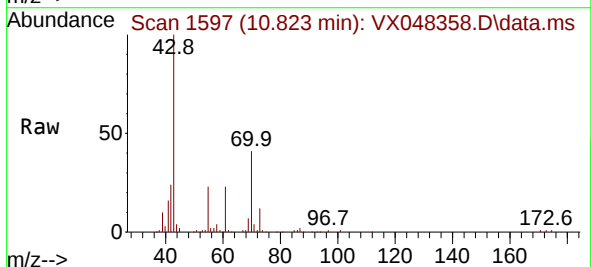
Manual Integrations
APPROVED

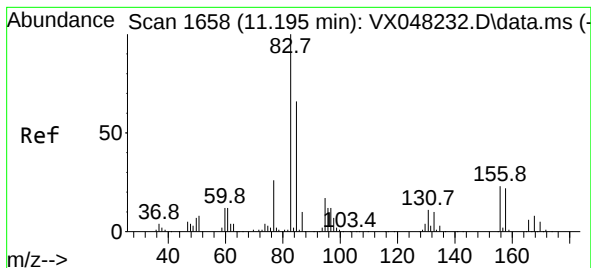
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#74
N-ethyl acetate
Concen: 21.282 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 43 Resp: 53882
Ion Ratio Lower Upper
43 100
70 40.8 32.2 48.2
55 23.4 19.1 28.7
61 23.1 18.6 28.0





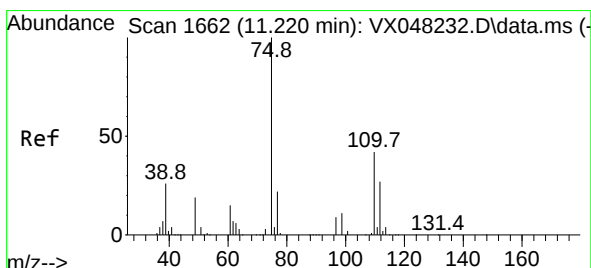
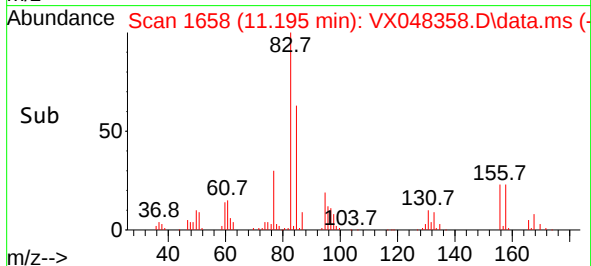
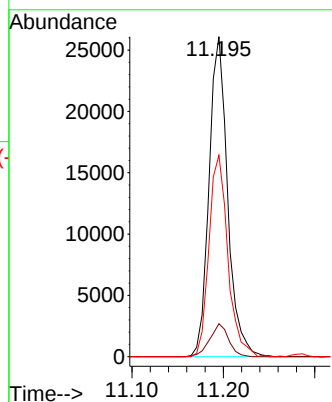
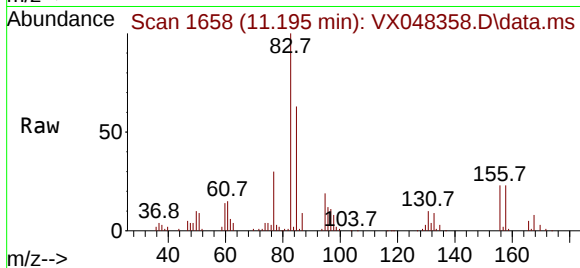
#75
1,1,2,2-Tetrachloroethane
Concen: 18.858 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 83 Resp: 36758
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 63.9 31.9 95.7

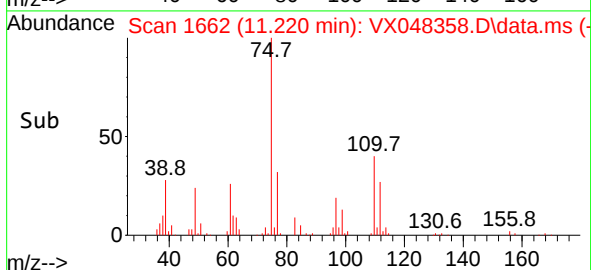
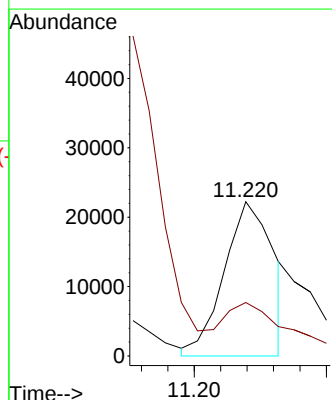
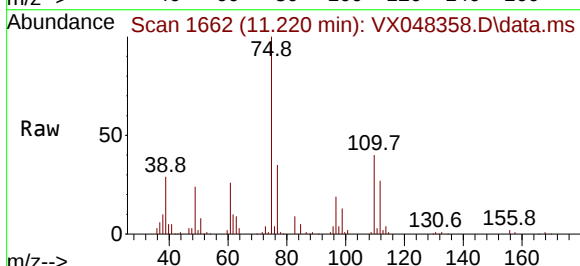
Manual Integrations
APPROVED

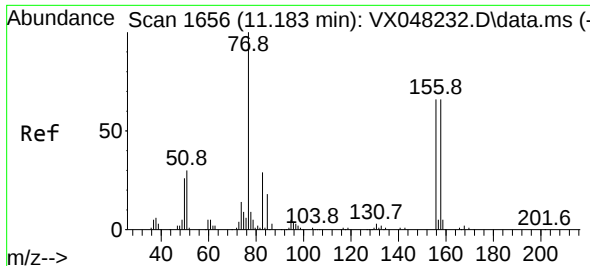
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#76
1,2,3-Trichloropropane
Concen: 18.198 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

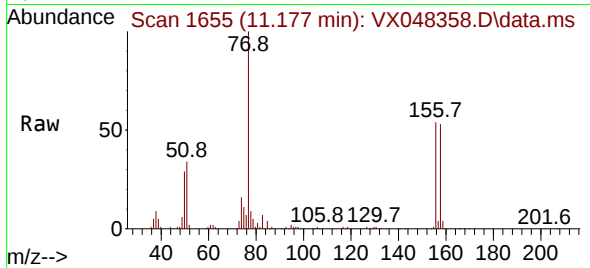
Tgt Ion: 75 Resp: 28839
Ion Ratio Lower Upper
75 100
77 43.4 22.4 67.2





#77
Bromobenzene
Concen: 19.468 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

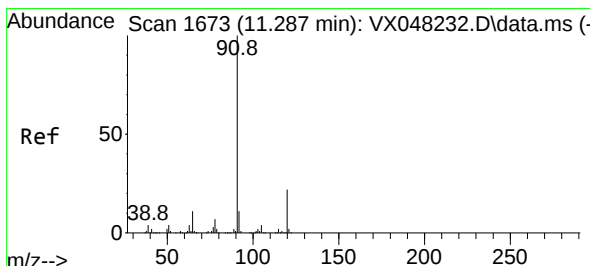
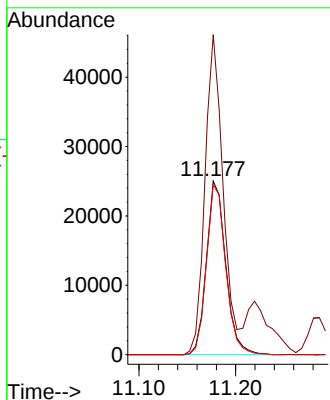
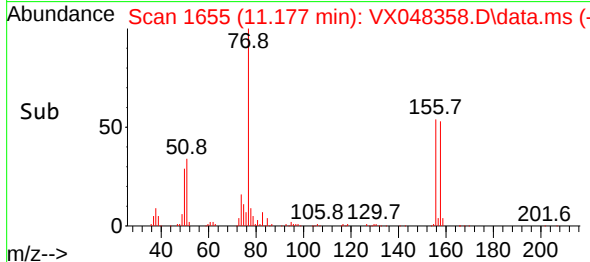
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion:156 Resp: 3484
Ion Ratio Lower Upper
156 100
77 171.1 87.0 261.0
158 96.8 47.8 143.4

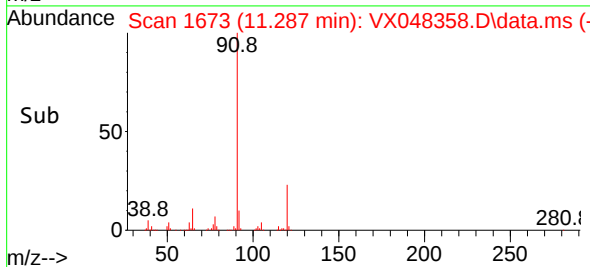
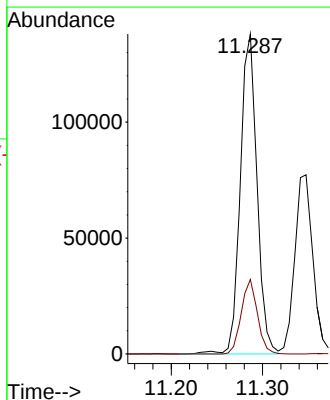
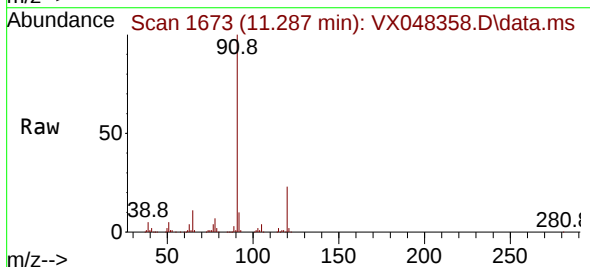
Manual Integrations
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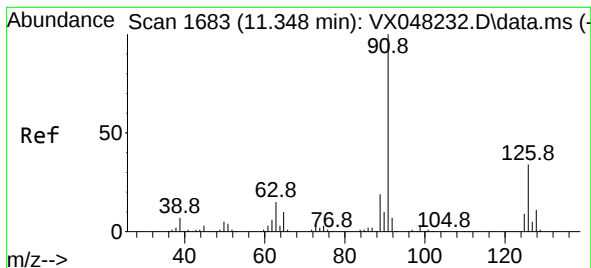
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#78
n-propylbenzene
Concen: 21.157 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion: 91 Resp: 174843
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





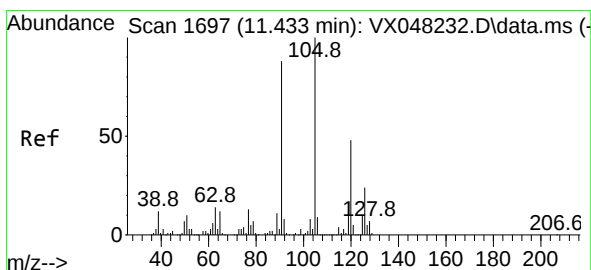
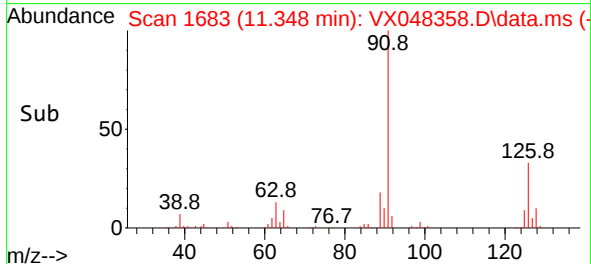
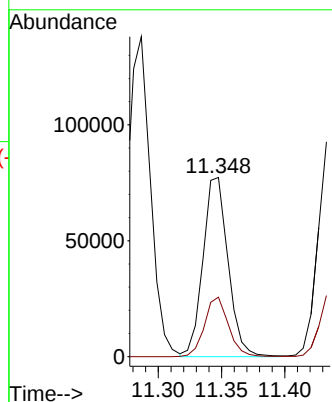
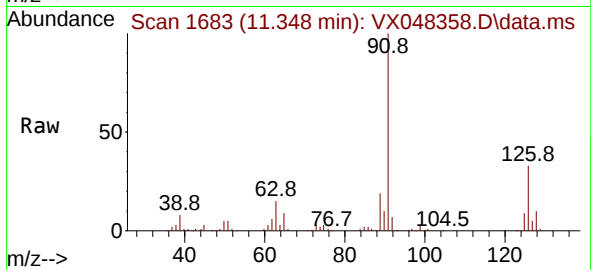
#79
2-Chlorotoluene
Concen: 21.346 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 91 Resp: 106958
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.4

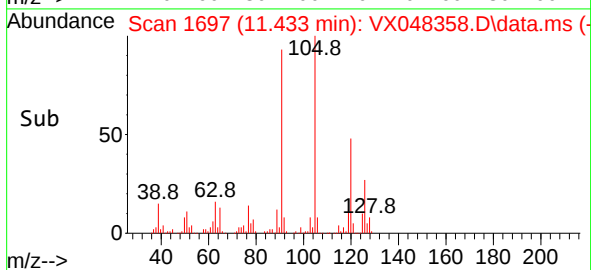
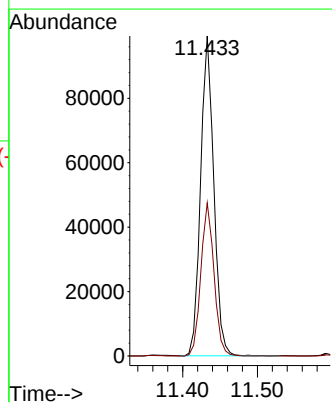
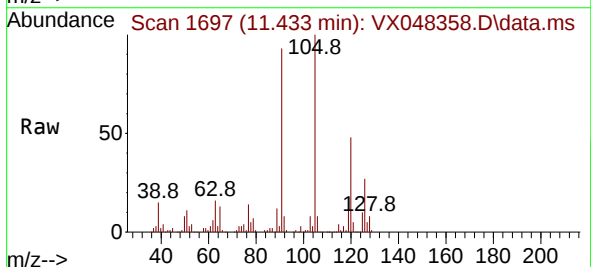
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.556 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Tgt Ion:105 Resp: 121421
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





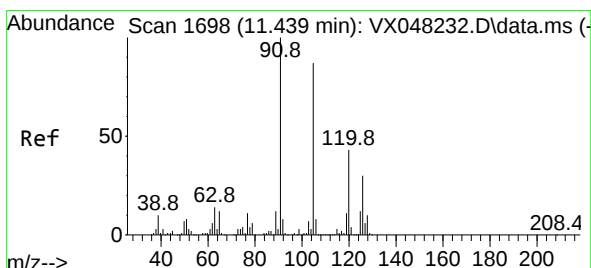
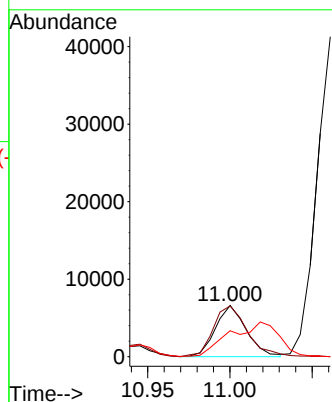
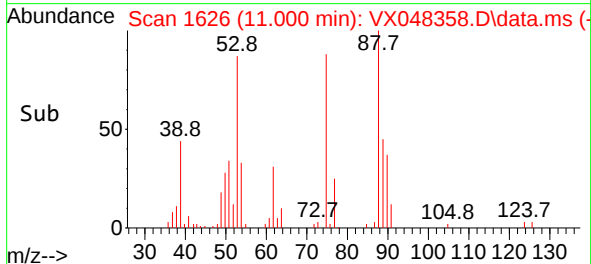
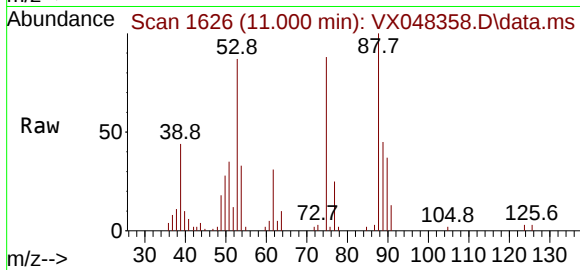
#81
trans-1,4-Dichloro-2-butene
Concen: 13.224 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01

Tgt Ion: 75 Resp: 8614
Ion Ratio Lower Upper
75 100
53 109.9 79.5 119.3
89 108.0 36.8 55.2

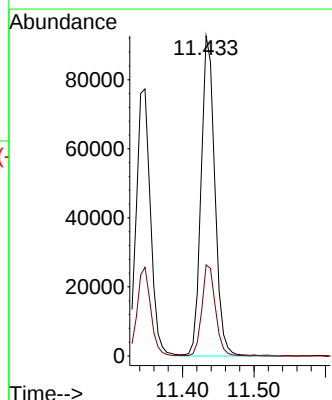
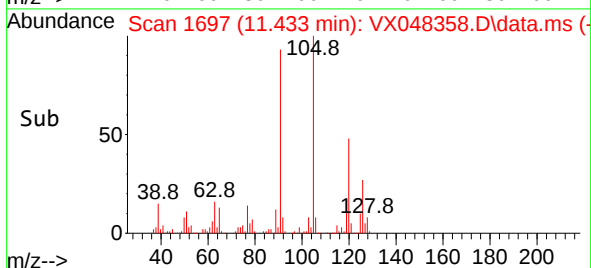
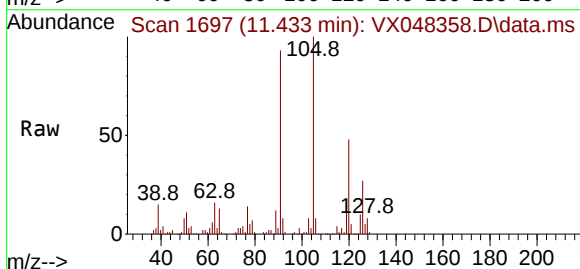
Manual Integrations
APPROVED

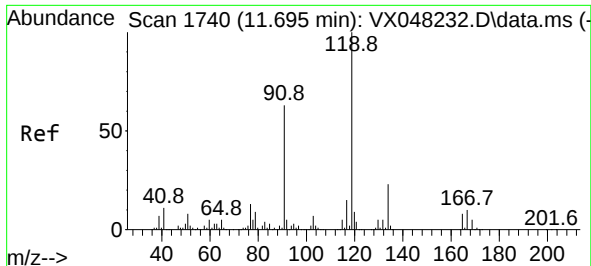
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#82
4-Chlorotoluene
Concen: 20.807 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

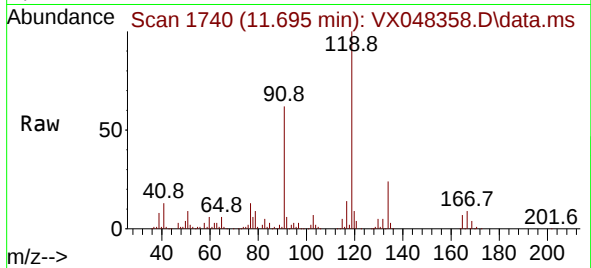
Tgt Ion: 91 Resp: 123759
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 20.334 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

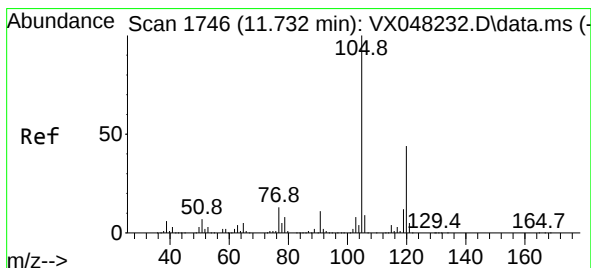
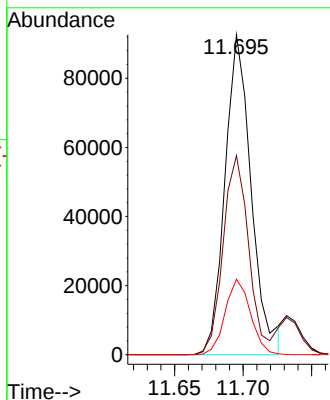
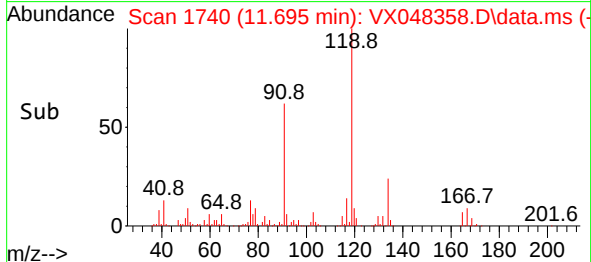
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



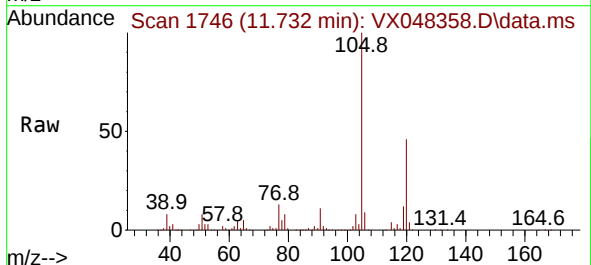
Tgt Ion:119 Resp: 12340
Ion Ratio Lower Upper
119 100
91 60.6 30.3 91.0
134 22.8 11.4 34.2

Manual Integrations
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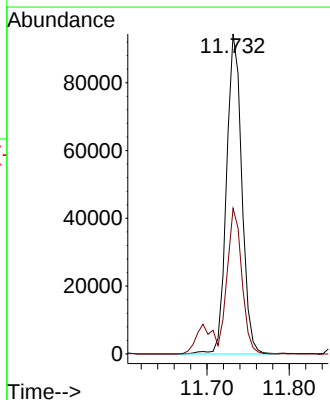
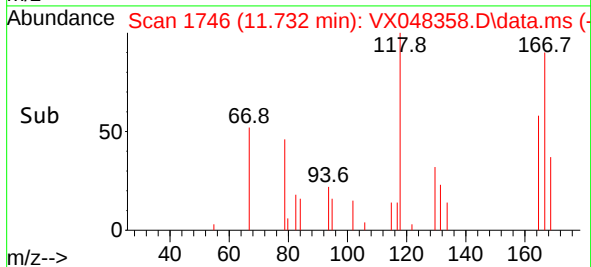
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.683 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34



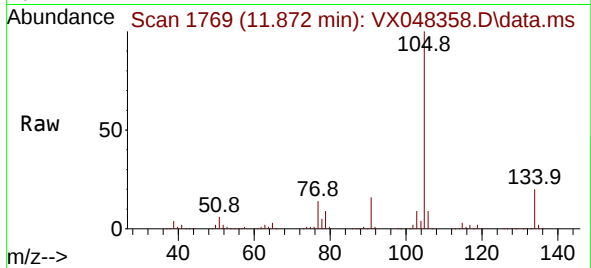
Tgt Ion:105 Resp: 121926
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 20.929 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048358.D
 Acq: 27 Oct 2025 10:34

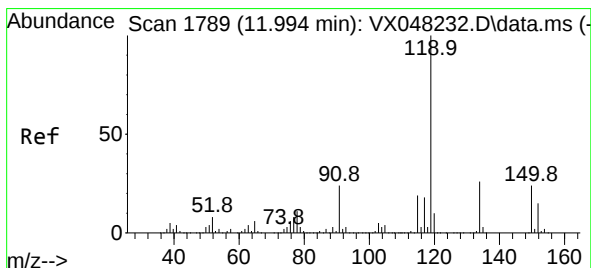
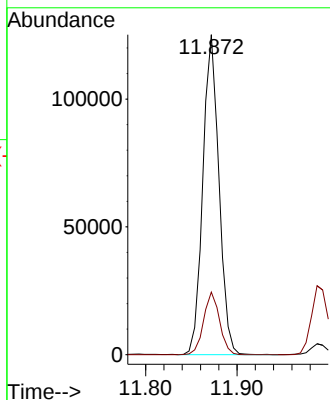
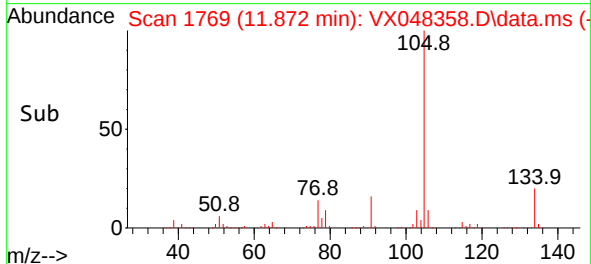
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBSD01



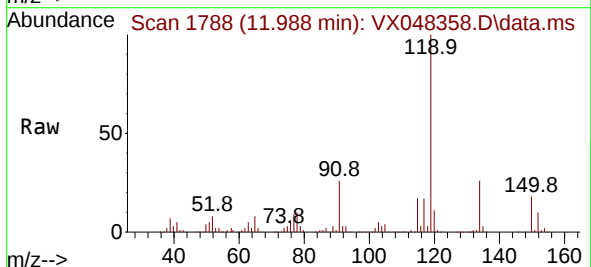
Tgt Ion:105 Resp: 15281
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.1 30.1

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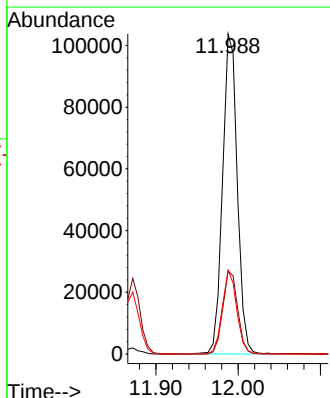
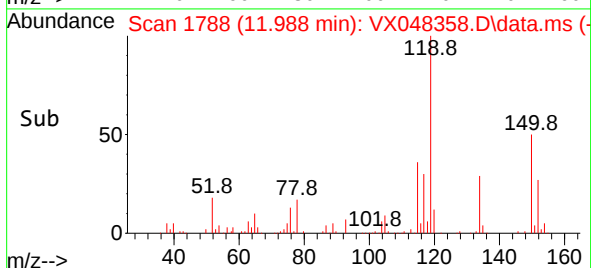
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025



#86
 p-Isopropyltoluene
 Concen: 20.452 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048358.D
 Acq: 27 Oct 2025 10:34



Tgt Ion:119 Resp: 129074
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 25.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.561 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048358.D

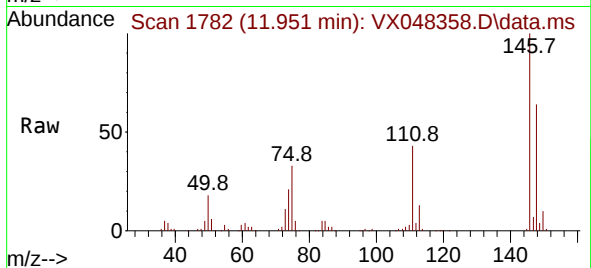
Acq: 27 Oct 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBSD01



Tgt Ion:146 Resp: 65998

Ion Ratio Lower Upper

146 100

111 42.5 20.4 61.2

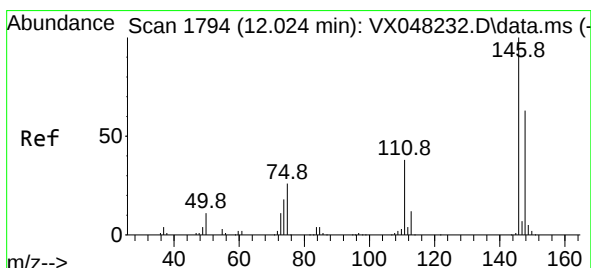
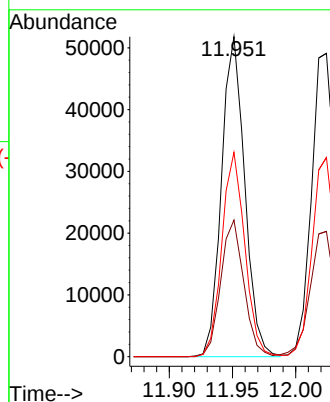
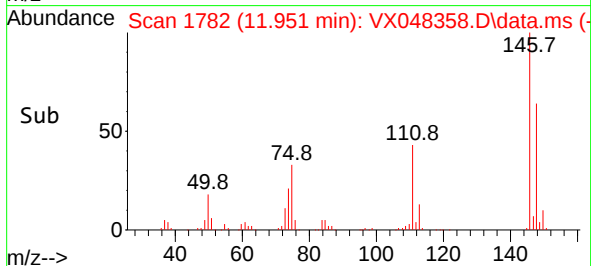
148 63.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#88

1,4-Dichlorobenzene

Concen: 19.217 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048358.D

Acq: 27 Oct 2025 10:34

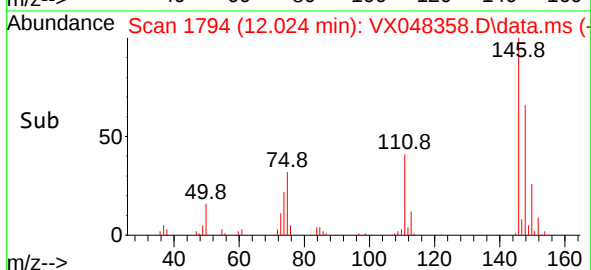
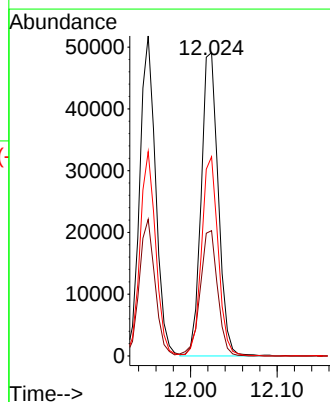
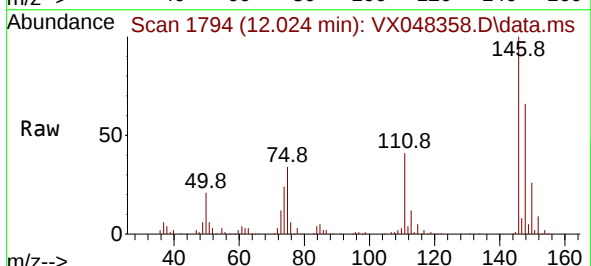
Tgt Ion:146 Resp: 67168

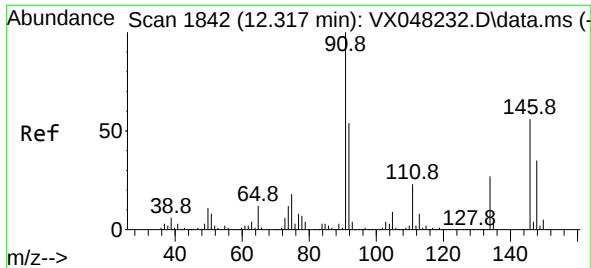
Ion Ratio Lower Upper

146 100

111 42.2 20.1 60.2

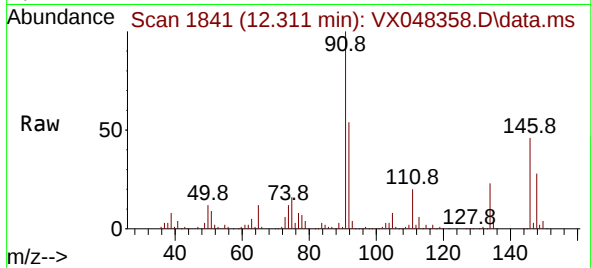
148 63.9 31.8 95.3





#89
n-Butylbenzene
Concen: 20.574 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

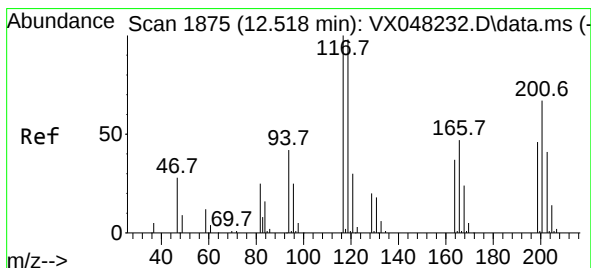
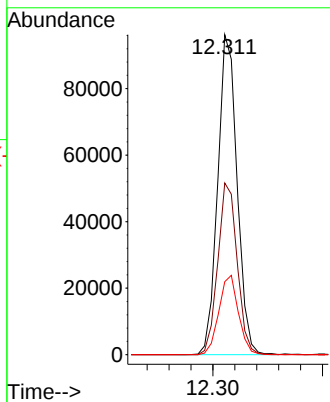
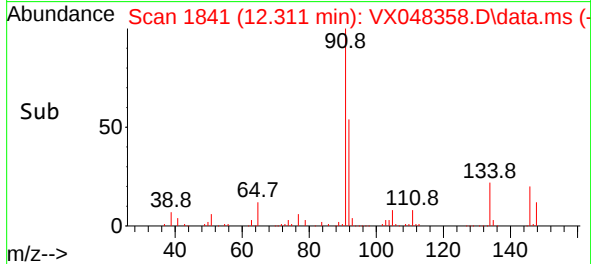
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



Tgt Ion: 91 Resp: 11818
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.6
134 25.0 12.7 38.1

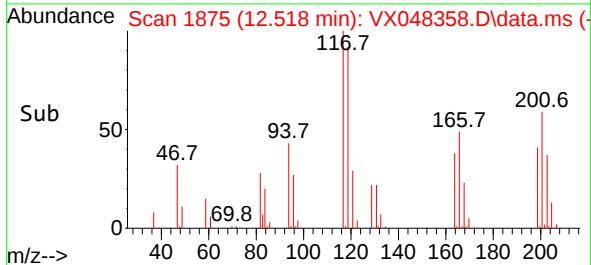
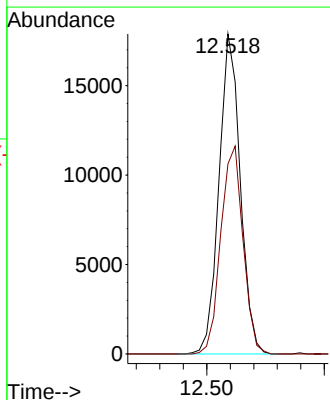
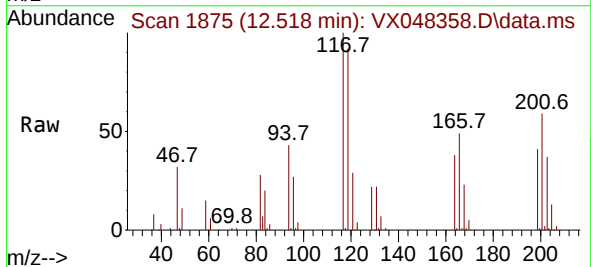
Manual Integrations
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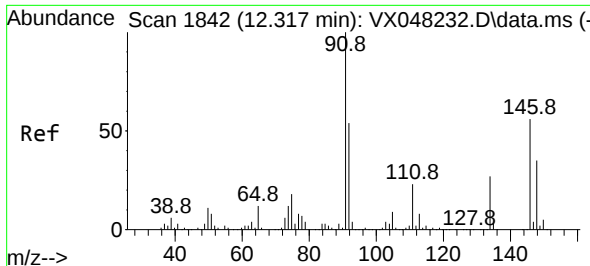
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#90
Hexachloroethane
Concen: 18.040 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

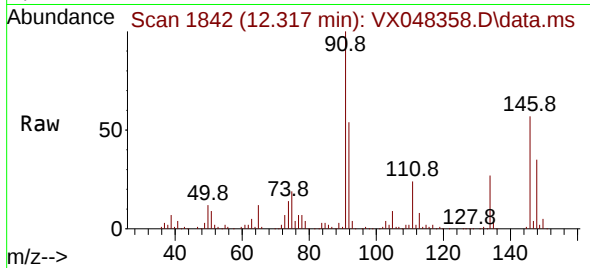
Tgt Ion:117 Resp: 22484
Ion Ratio Lower Upper
117 100
201 67.8 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 20.179 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

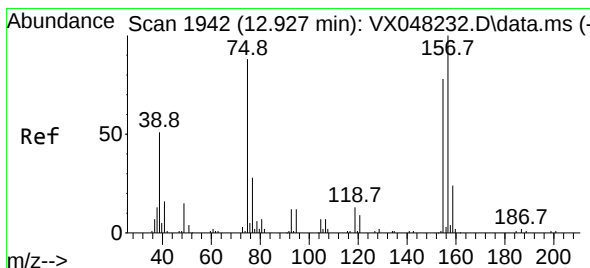
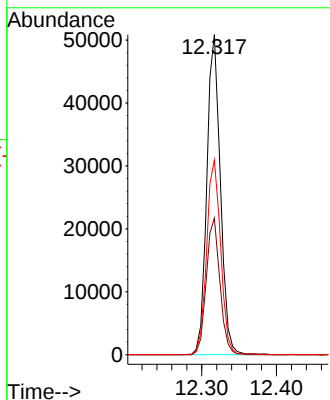
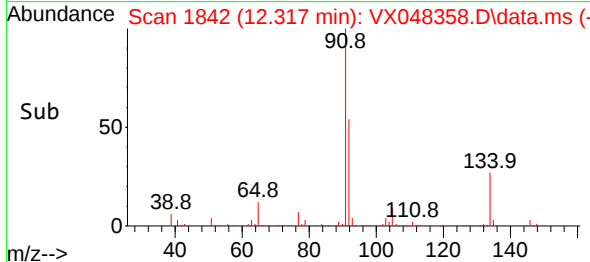
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



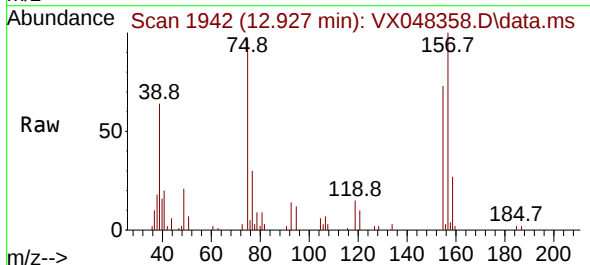
Tgt Ion:146 Resp: 6392
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.5
148 62.7 31.9 95.5

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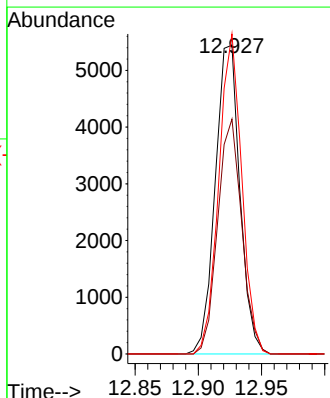
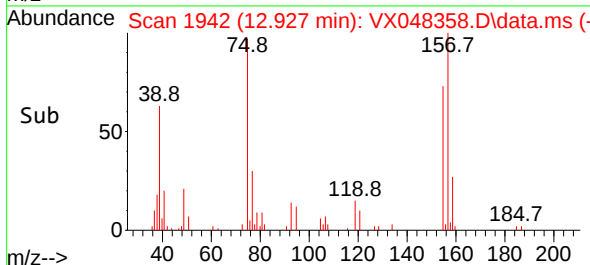
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.640 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34



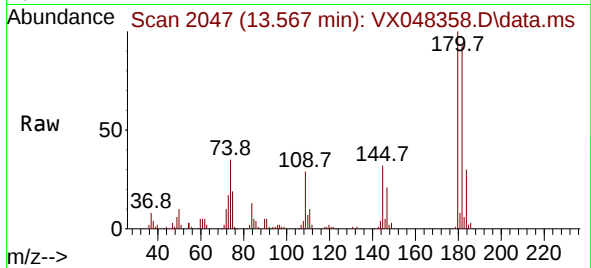
Tgt Ion: 75 Resp: 7375
Ion Ratio Lower Upper
75 100
155 74.3 42.8 128.4
157 96.1 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 19.025 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

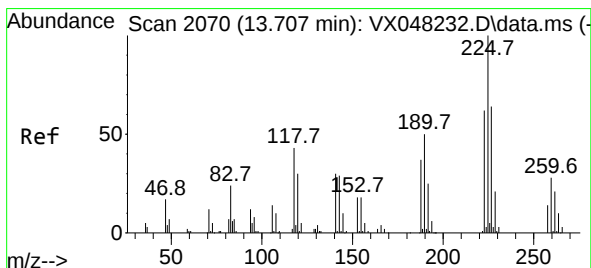
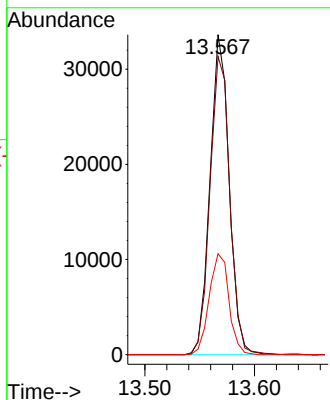
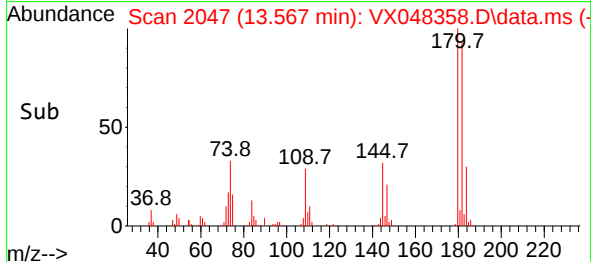
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



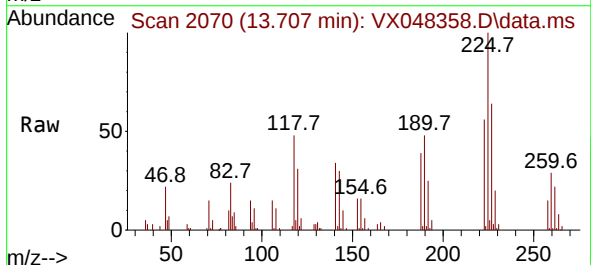
Tgt Ion:180 Resp: 4075
Ion Ratio Lower Upper
180 100
182 96.8 47.3 142.0
145 32.7 16.3 48.9

Manual Integrations
APPROVED

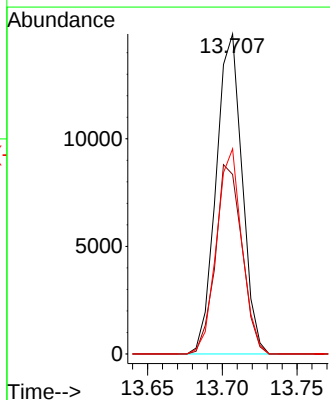
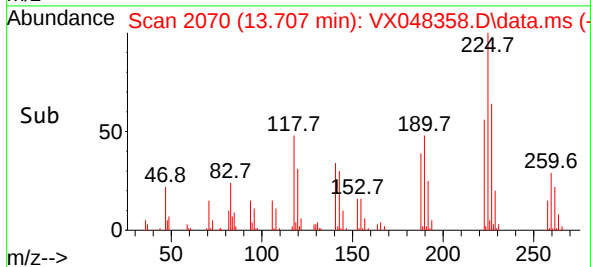
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

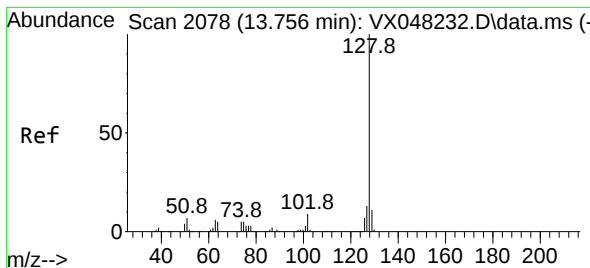


#94
Hexachlorobutadiene
Concen: 22.444 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34



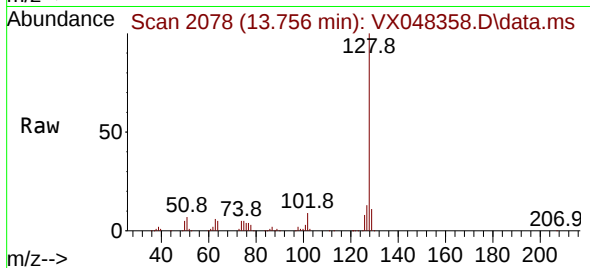
Tgt Ion:225 Resp: 17987
Ion Ratio Lower Upper
225 100
223 60.5 32.6 97.7
227 62.6 32.5 97.4





#95
Naphthalene
Concen: 18.483 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34

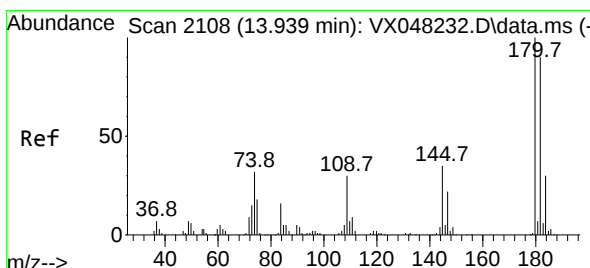
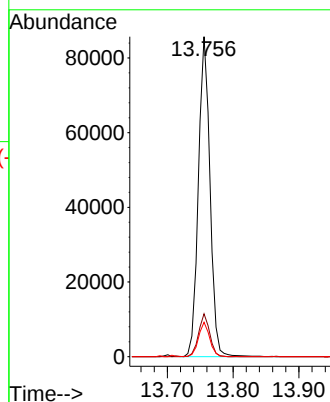
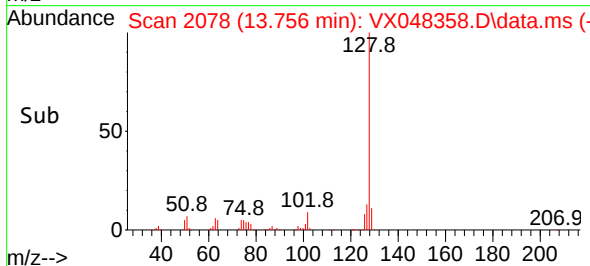
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBSD01



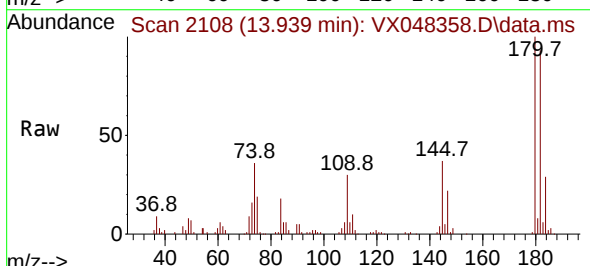
Tgt Ion:128 Resp: 104899
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.4 8.6 12.8

Manual Integrations
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Supervised By :Mahesh Dadoda 10/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.800 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048358.D
Acq: 27 Oct 2025 10:34



Tgt Ion:180 Resp: 38923
Ion Ratio Lower Upper
180 100
182 95.7 46.6 139.7
145 34.3 16.9 50.7

