

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048385.D
 Acq On : 28 Oct 2025 09:53
 Operator : JC/MD
 Sample : VX1028WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Manual Integrations
 APPROVED

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

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

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	159718	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	264519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	232004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	119264	53.258	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.520%			
35) Dibromofluoromethane	5.367	113	76624	42.431	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.860%			
50) Toluene-d8	8.628	98	327676	51.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.540%			
62) 4-Bromofluorobenzene	11.061	95	120313	49.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	26824	16.337	ug/l	97
3) Chloromethane	1.301	50	14532	9.482	ug/l	99
4) Vinyl Chloride	1.380	62	36246	25.540	ug/l	99
5) Bromomethane	1.618	94	13756	14.283	ug/l	98
6) Chloroethane	1.697	64	22909	27.471	ug/l	99
7) Trichlorofluoromethane	1.898	101	61244	22.501	ug/l	98
8) Diethyl Ether	2.130	74	20638	26.948	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	34782	20.180	ug/l	100
10) Methyl Iodide	2.459	142	118883	54.867	ug/l	99
11) Tert butyl alcohol	2.928	59	15348	69.029	ug/l	99
12) 1,1-Dichloroethene	2.325	96	31982	19.073	ug/l	98
13) Acrolein	2.233	56	22946	101.190	ug/l	97
14) Allyl chloride	2.666	41	54333	19.516	ug/l	96
15) Acrylonitrile	3.050	53	71981	89.781	ug/l	99
16) Acetone	2.367	43	48407	63.011	ug/l	99
17) Carbon Disulfide	2.514	76	87466	16.551	ug/l	99
18) Methyl Acetate	2.697	43	30503	19.012	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	106817	18.673	ug/l	100
20) Methylene Chloride	2.788	84	36103	19.287	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	34811	18.899	ug/l	96
22) Diisopropyl ether	3.745	45	119633	21.545	ug/l	99
23) Vinyl Acetate	3.709	43	424721	95.754	ug/l	99
24) 1,1-Dichloroethane	3.599	63	66734	19.876	ug/l	99
25) 2-Butanone	4.532	43	75323	77.463	ug/l	97
26) 2,2-Dichloropropane	4.465	77	57643	19.021	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	41626	19.364	ug/l	99
28) Bromochloromethane	4.879	49	26889	19.315	ug/l	95
29) Tetrahydrofuran	4.977	42	52330	89.858	ug/l	98
30) Chloroform	5.074	83	68587	19.120	ug/l	96
31) Cyclohexane	5.452	56	56967	20.494	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	62358	18.862	ug/l	98
36) 1,1-Dichloropropene	5.672	75	44732	17.428	ug/l	99
37) Ethyl Acetate	4.690	43	35283	16.584	ug/l	99
38) Carbon Tetrachloride	5.659	117	54613	17.246	ug/l	99
39) Methylcyclohexane	7.360	83	57286	18.898	ug/l	97
40) Benzene	6.019	78	141064	18.930	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	21494	19.238	ug/l	98
42) 1,2-Dichloroethane	6.068	62	53130	19.321	ug/l	100
43) Isopropyl Acetate	6.318	43	66953	19.159	ug/l	99
44) Trichloroethene	7.110	130	35849	18.219	ug/l	98
45) 1,2-Dichloropropane	7.415	63	34705	19.588	ug/l	99
46) Dibromomethane	7.568	93	24612	17.830	ug/l	99
47) Bromodichloromethane	7.805	83	53221	17.857	ug/l	99
48) Methyl methacrylate	7.677	41	32746	18.570	ug/l	98
49) 1,4-Dioxane	7.647	88	7187	308.494	ug/l #	88
51) 4-Methyl-2-Pentanone	8.555	43	187053	92.836	ug/l	100
52) Toluene	8.702	92	87531	18.489	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	49336	17.178	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	53607	17.300	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	32273	18.331	ug/l	99
56) Ethyl methacrylate	9.098	69	45772	17.775	ug/l	99
57) 1,3-Dichloropropane	9.293	76	55966	18.611	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	104212	76.450	ug/l	98
59) 2-Hexanone	9.415	43	121391	86.402	ug/l	99
60) Dibromochloromethane	9.506	129	39589	16.730	ug/l	100
61) 1,2-Dibromoethane	9.592	107	32577	17.357	ug/l	97
64) Tetrachloroethene	9.256	164	33779	19.503	ug/l	97
65) Chlorobenzene	10.061	112	95841	18.364	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.146	131	34309	17.898	ug/l	99
67) Ethyl Benzene	10.177	91	166397	18.726	ug/l	98
68) m/p-Xylenes	10.281	106	125110	37.895	ug/l	99
69) o-Xylene	10.622	106	60033	18.835	ug/l	99
70) Styrene	10.640	104	102246	18.839	ug/l	100
71) Bromoform	10.781	173	23900	15.600	ug/l #	99
73) Isopropylbenzene	10.945	105	159124	19.236	ug/l	100
74) N-amyl acetate	10.823	43	57217	19.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	40484	17.921	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	36106m	19.659	ug/l	
77) Bromobenzene	11.177	156	37525	18.092	ug/l	99
78) n-propylbenzene	11.287	91	187047	19.529	ug/l	99
79) 2-Chlorotoluene	11.347	91	112786	19.423	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	131506	19.210	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	9130	12.094	ug/l #	70
82) 4-Chlorotoluene	11.433	91	131861	19.129	ug/l	100
83) tert-Butylbenzene	11.695	119	132000	18.767	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	131734	19.282	ug/l	99
85) sec-Butylbenzene	11.872	105	167485	19.792	ug/l	99
86) p-Isopropyltoluene	11.988	119	140805	19.251	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	70068	17.919	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	70652	17.442	ug/l	98
89) n-Butylbenzene	12.311	91	128217	19.259	ug/l	99
90) Hexachloroethane	12.518	117	23980	16.602	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	66129	18.013	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7333	15.992	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	41783	16.830	ug/l	98
94) Hexachlorobutadiene	13.707	225	19488	20.986	ug/l	95
95) Naphthalene	13.756	128	111230	16.910	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	40628	17.833	ug/l	99

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

Manual Integrations

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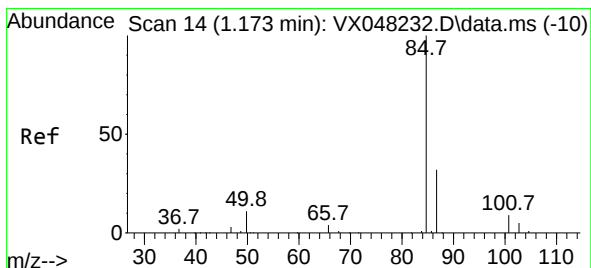
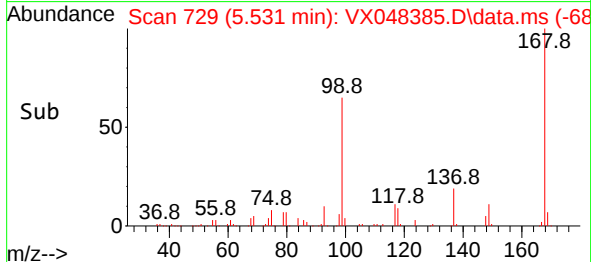
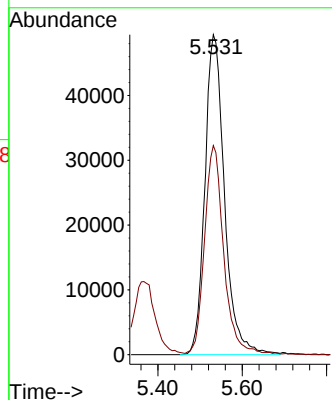
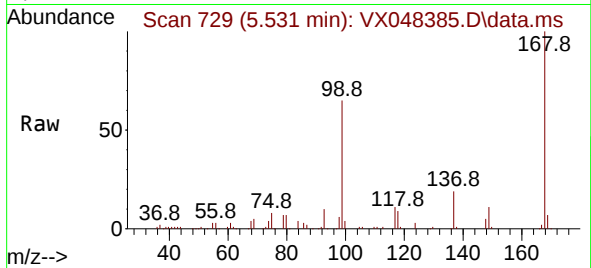
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048385.D
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Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion:168 Resp: 159718
Ion Ratio Lower Upper
168 100
99 65.1 46.4 69.6

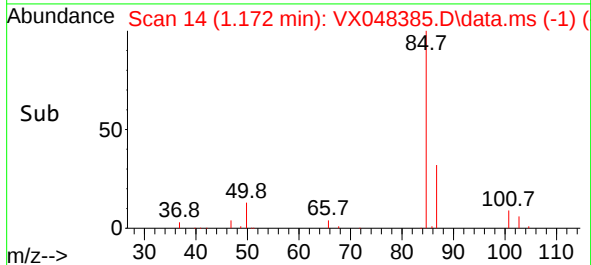
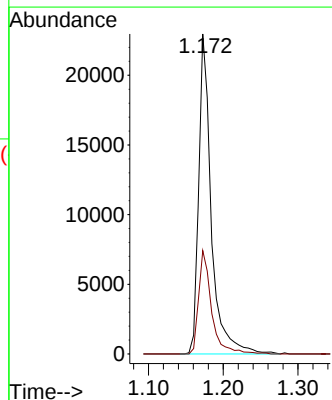
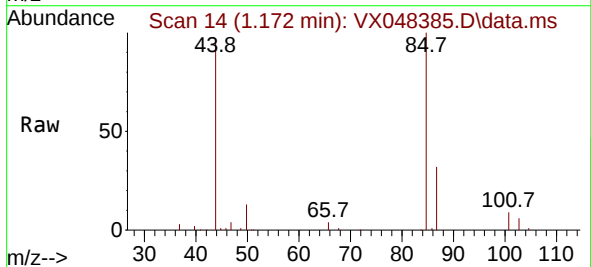
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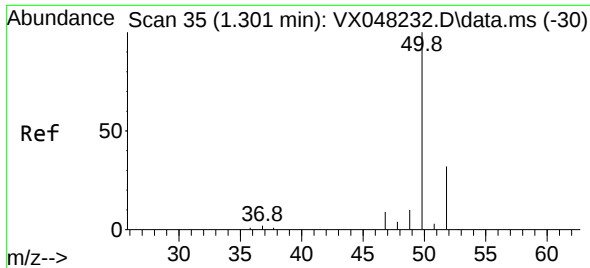
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#2
Dichlorodifluoromethane
Concen: 16.337 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion: 85 Resp: 26824
Ion Ratio Lower Upper
85 100
87 32.3 15.3 45.9





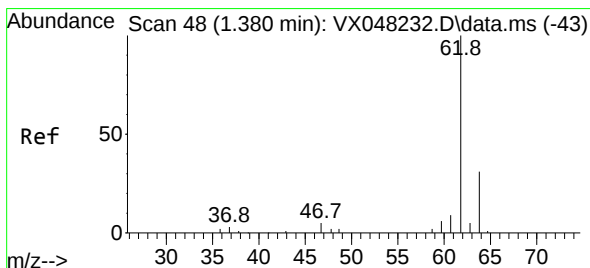
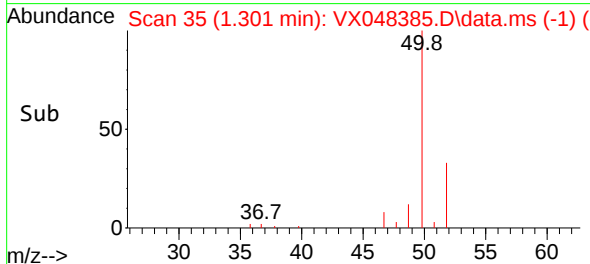
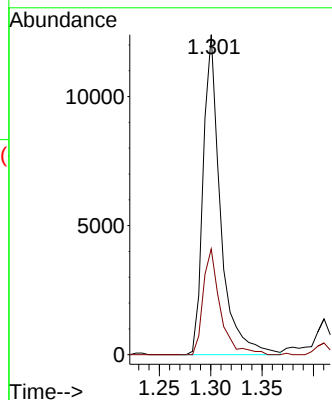
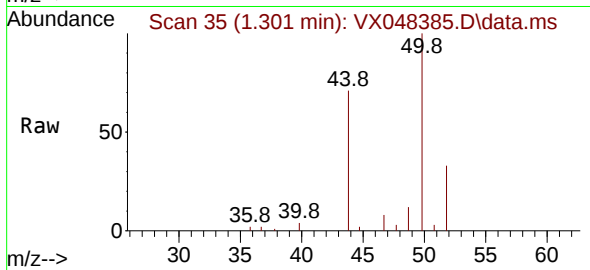
#3
Chloromethane
Concen: 9.482 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
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Tgt Ion: 50 Resp: 1453
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

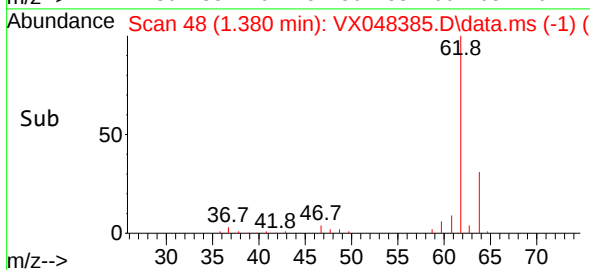
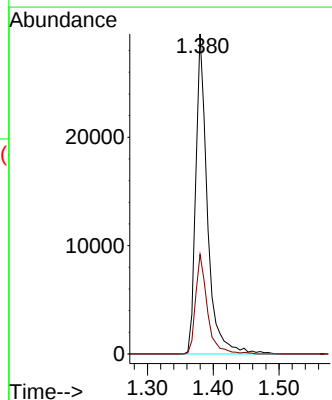
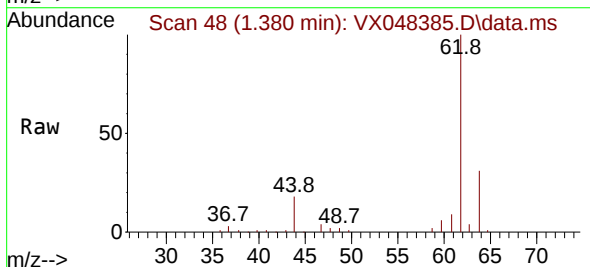
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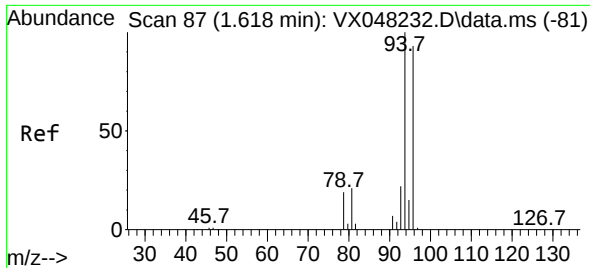
Reviewed By :John Carlone 10/29/2025
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#4
Vinyl Chloride
Concen: 25.540 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

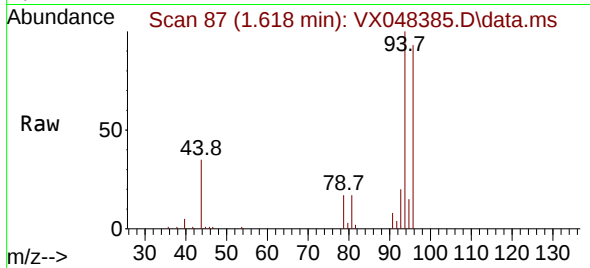
Tgt Ion: 62 Resp: 36246
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7





#5
Bromomethane
Concen: 14.283 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048385.D
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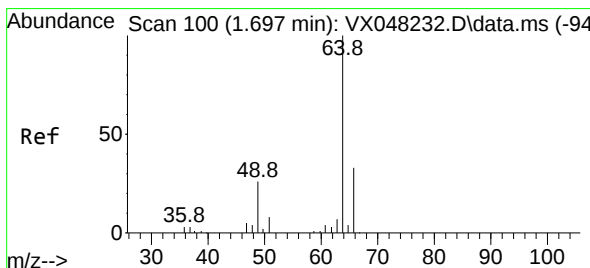
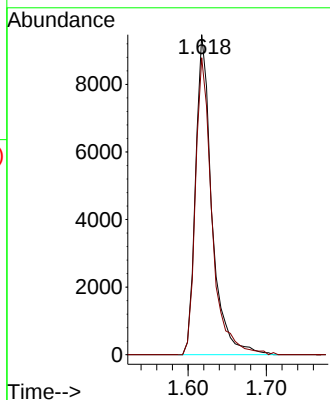
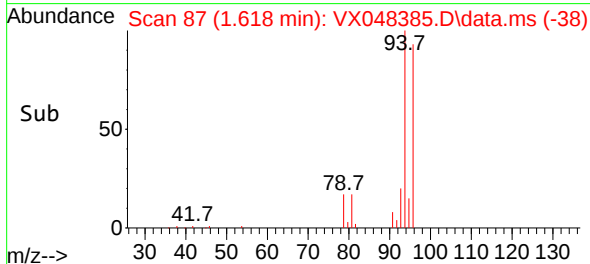
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Tgt Ion: 94 Resp: 13750
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0

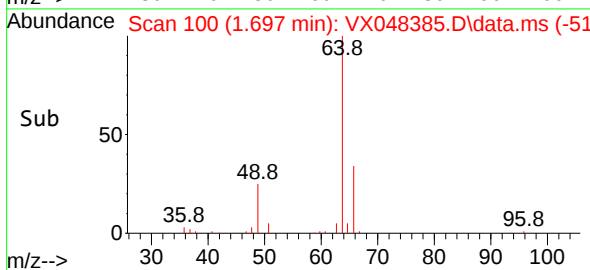
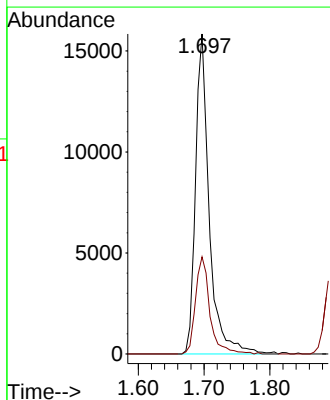
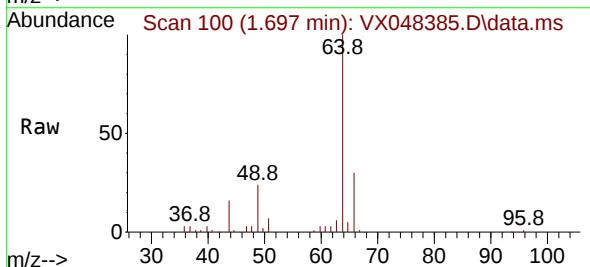
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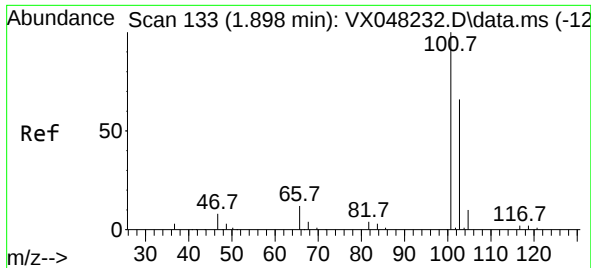
Reviewed By :John Carlone 10/29/2025
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#6
Chloroethane
Concen: 27.471 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048385.D
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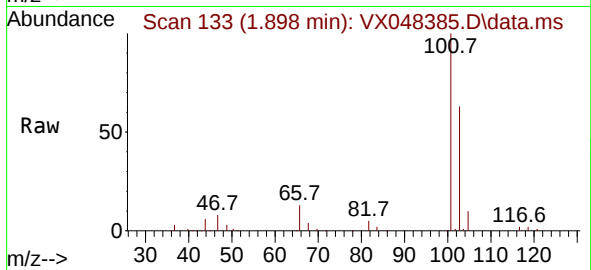
Tgt Ion: 64 Resp: 22909
Ion Ratio Lower Upper
64 100
66 30.4 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 22.501 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048385.D
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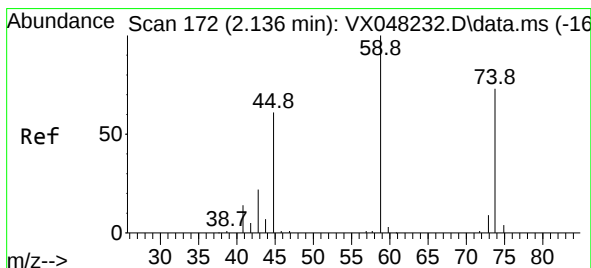
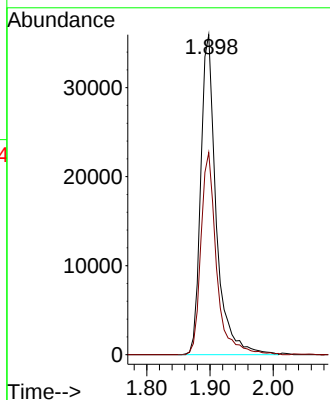
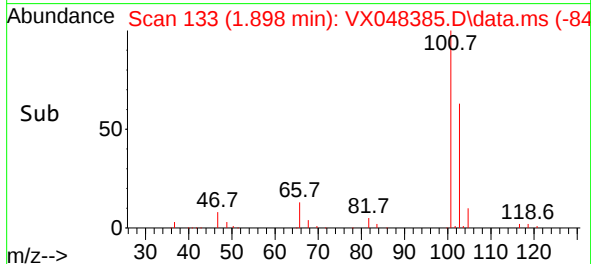
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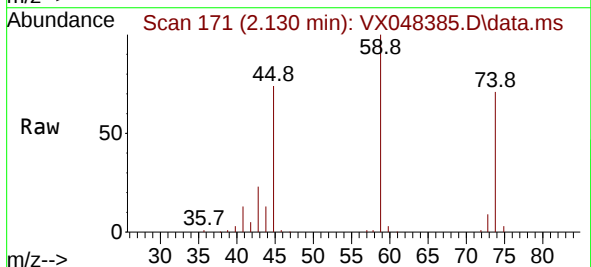
Tgt Ion:101 Resp: 61244
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.6 77.4

Manual Integrations
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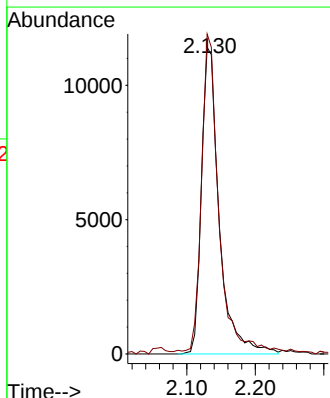
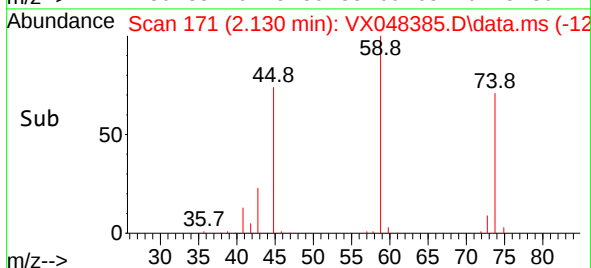
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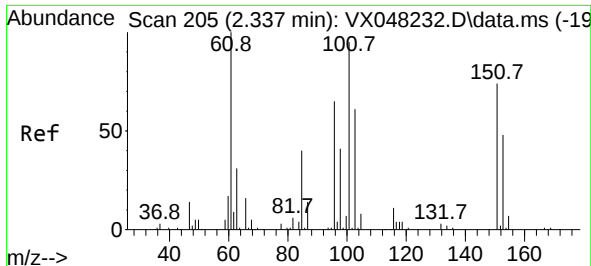


#8
 Diethyl Ether
 Concen: 26.948 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048385.D
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Tgt Ion: 74 Resp: 20638
 Ion Ratio Lower Upper
 74 100
 45 100.3 50.0 149.8





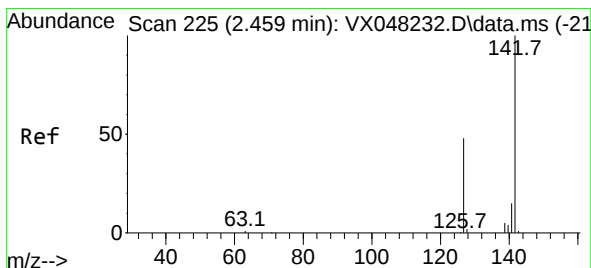
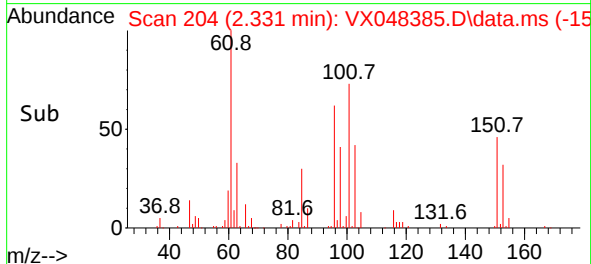
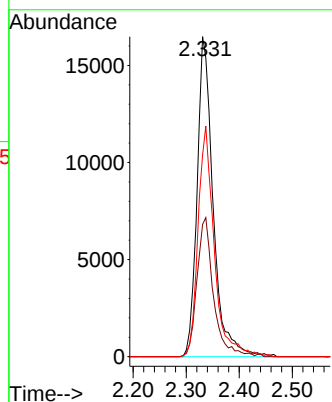
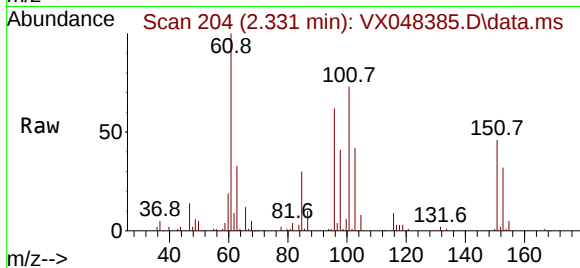
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.180 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion:101 Resp: 3478
Ion Ratio Lower Upper
101 100
85 44.7 35.6 53.4
151 72.9 58.0 87.0

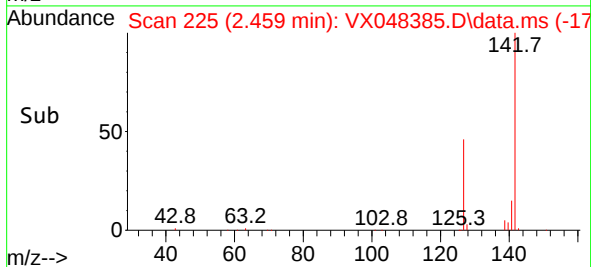
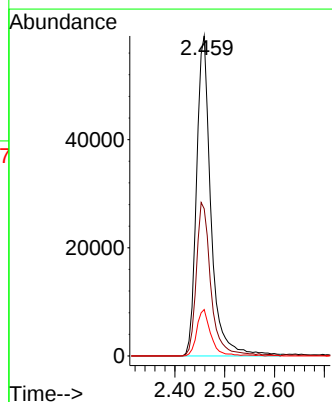
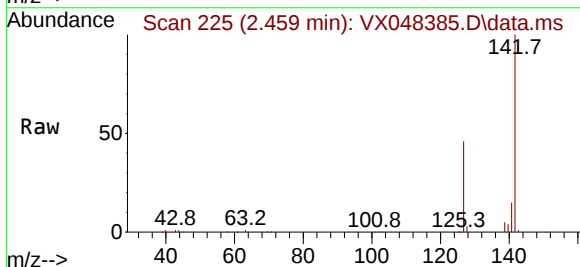
Manual Integrations
APPROVED

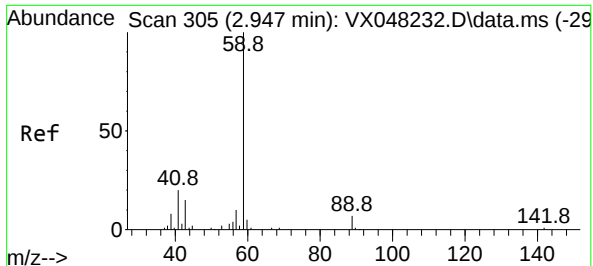
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#10
Methyl Iodide
Concen: 54.867 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

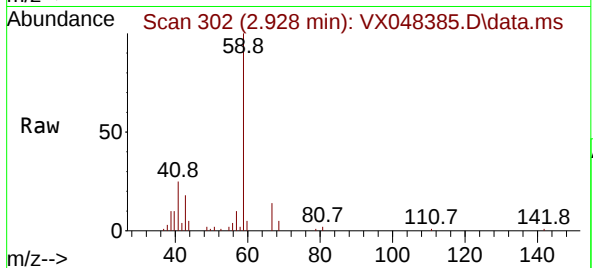
Tgt Ion:142 Resp: 118883
Ion Ratio Lower Upper
142 100
127 48.6 38.5 57.7
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 69.029 ug/l
RT: 2.928 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

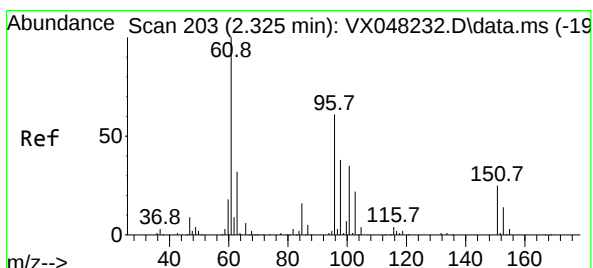
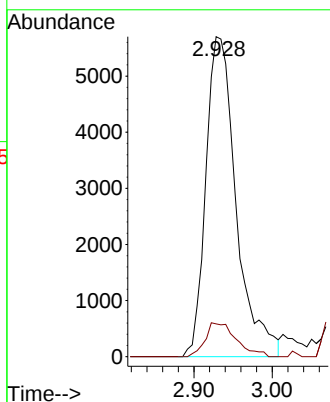
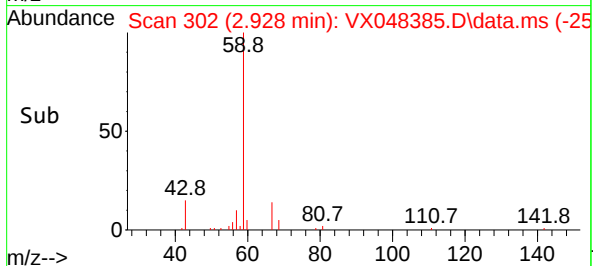
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 59 Resp: 15348
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

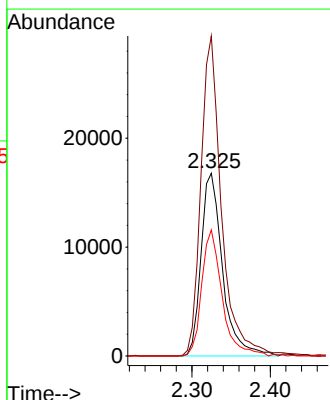
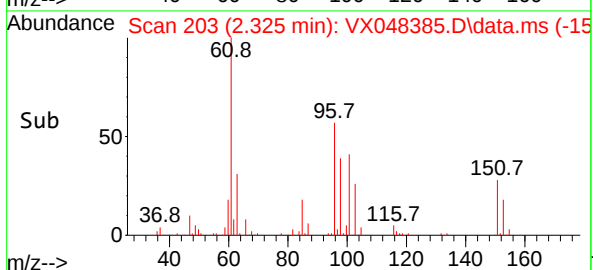
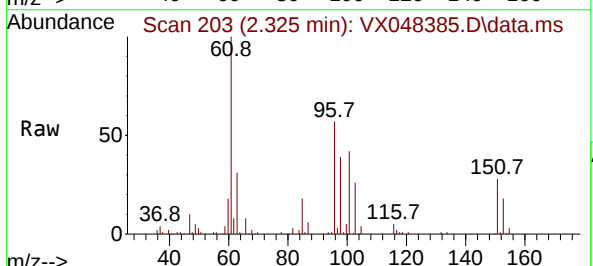
Manual Integrations
APPROVED

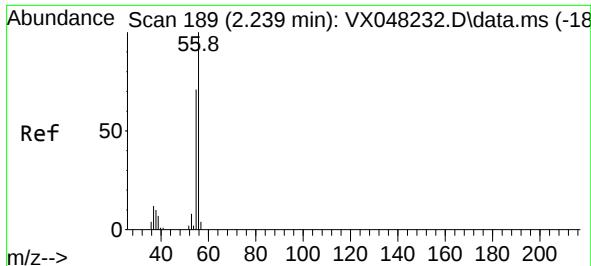
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#12
1,1-Dichloroethene
Concen: 19.073 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

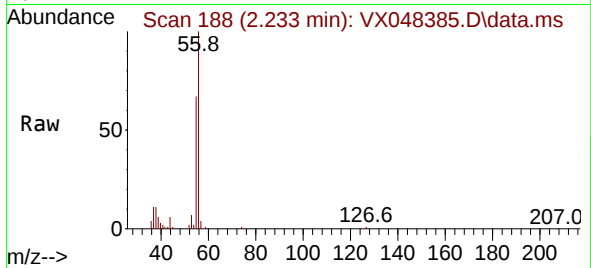
Tgt Ion: 96 Resp: 31982
Ion Ratio Lower Upper
96 100
61 175.2 139.0 208.6
98 69.0 52.4 78.6





#13
Acrolein
Concen: 101.190 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

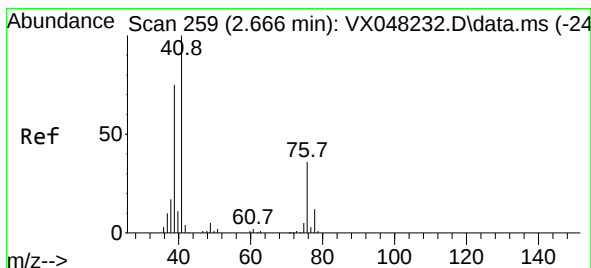
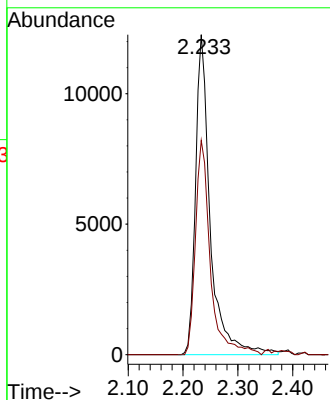
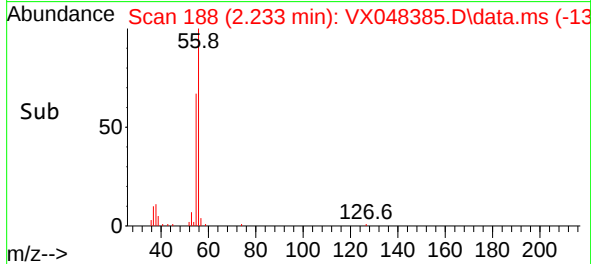
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



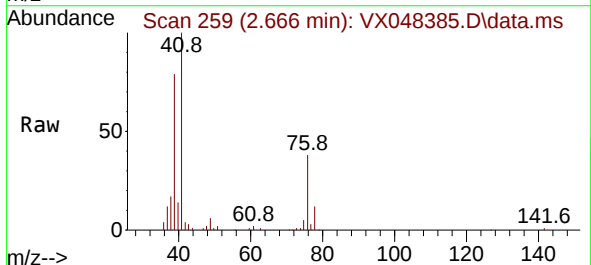
Tgt Ion: 56 Resp: 22940
Ion Ratio Lower Upper
56 100
55 67.5 56.1 84.1

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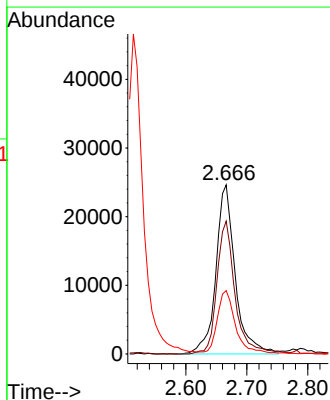
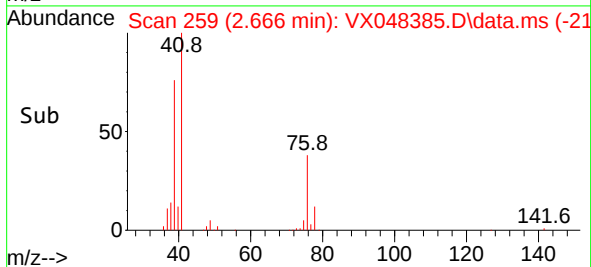
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#14
Allyl chloride
Concen: 19.516 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



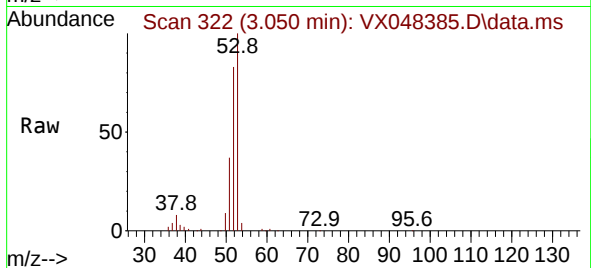
Tgt Ion: 41 Resp: 54333
Ion Ratio Lower Upper
41 100
39 74.0 56.0 84.0
76 35.0 27.5 41.3





#15
Acrylonitrile
Concen: 89.781 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

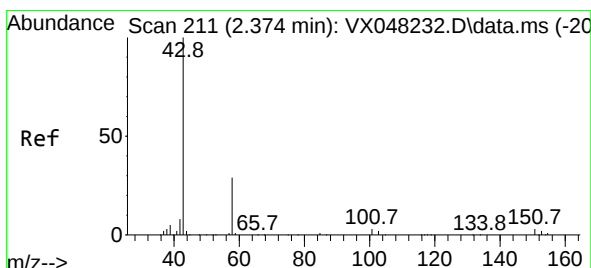
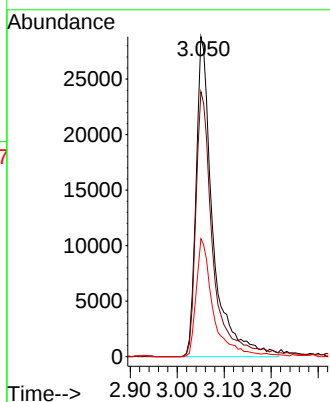
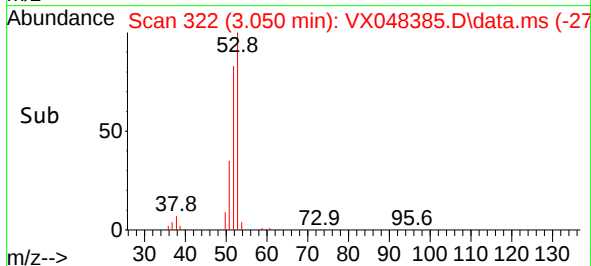
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 53 Resp: 7198
Ion Ratio Lower Upper
53 100
52 83.8 66.1 99.1
51 36.9 29.0 43.4

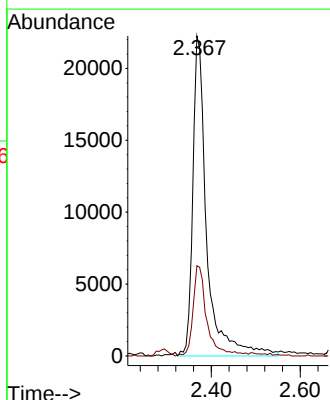
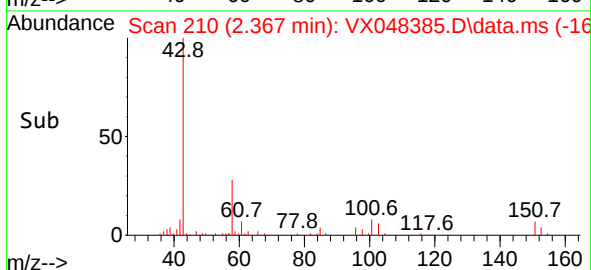
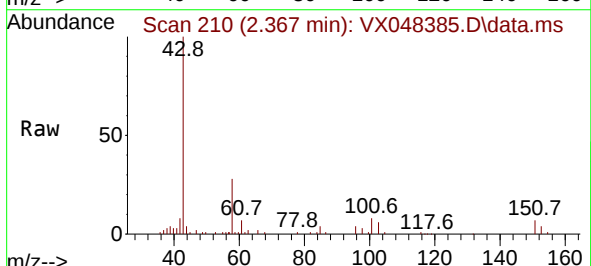
Manual Integrations
APPROVED

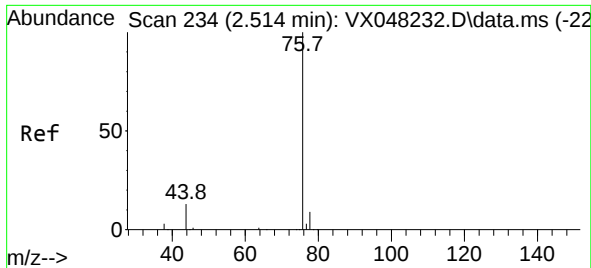
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#16
Acetone
Concen: 63.011 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion: 43 Resp: 48407
Ion Ratio Lower Upper
43 100
58 29.7 23.4 35.2





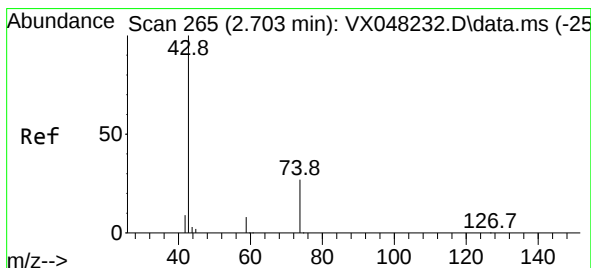
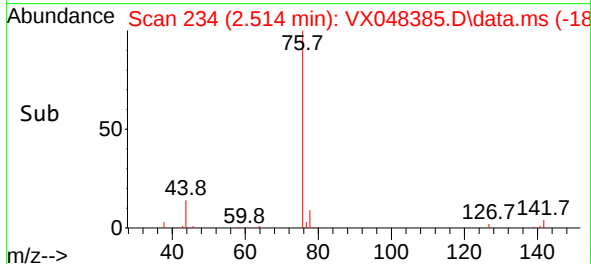
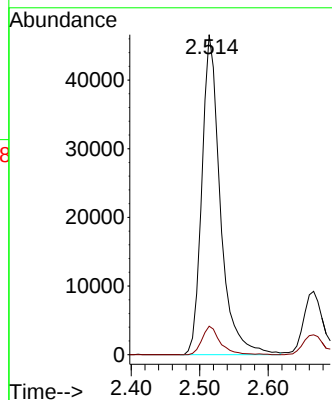
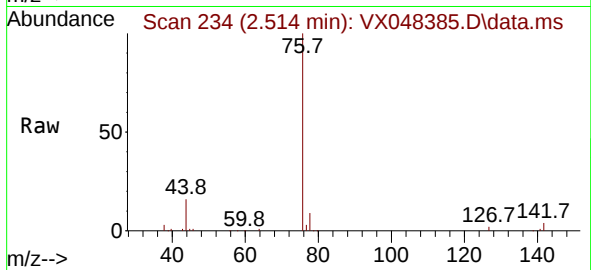
#17
Carbon Disulfide
Concen: 16.551 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion: 76 Resp: 87460
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

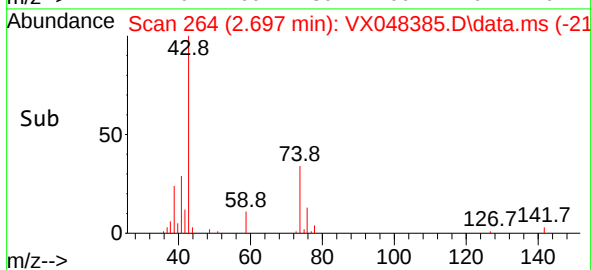
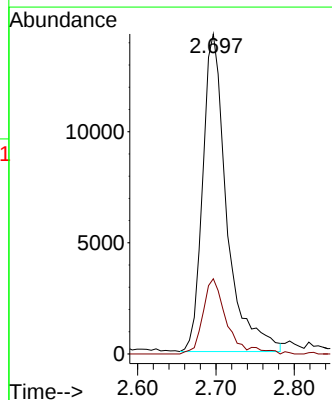
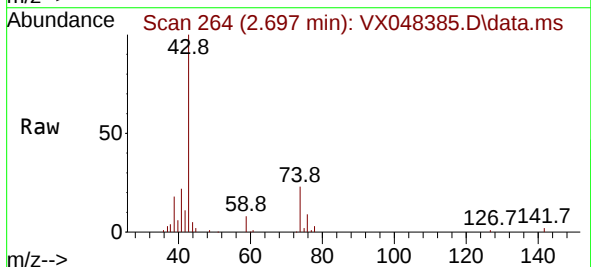
Manual Integrations
APPROVED

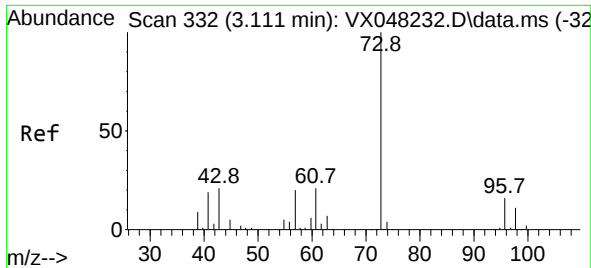
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#18
Methyl Acetate
Concen: 19.012 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion: 43 Resp: 30503
Ion Ratio Lower Upper
43 100
74 23.4 17.5 26.3





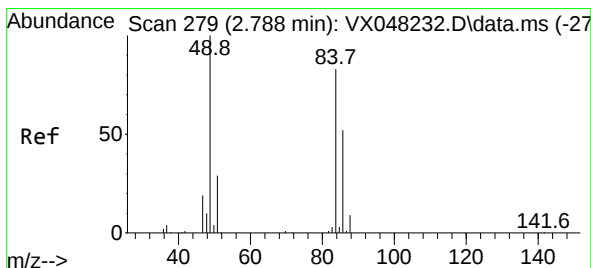
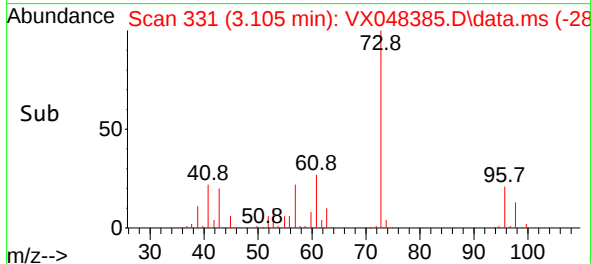
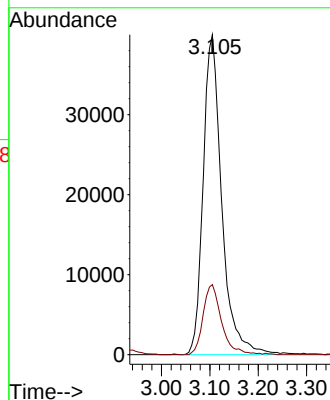
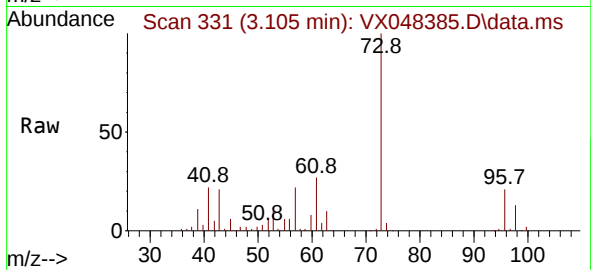
#19
Methyl tert-butyl Ether
Concen: 18.673 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion: 73 Resp: 10681
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

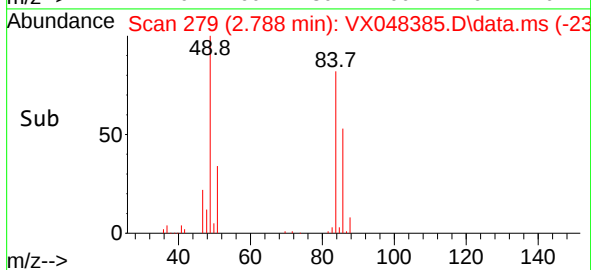
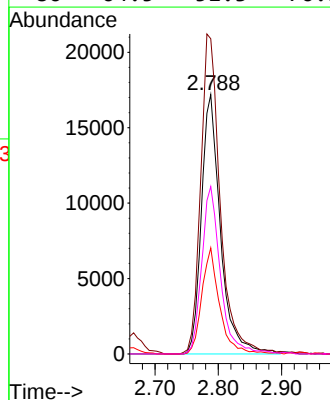
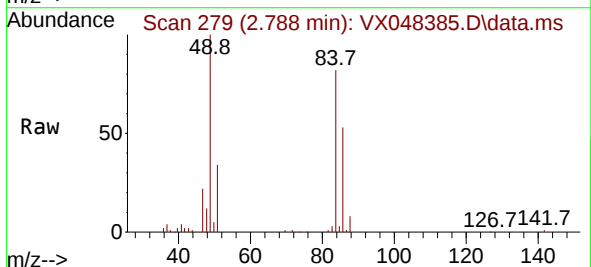
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 19.287 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

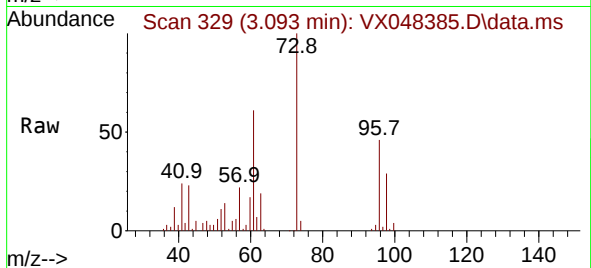
Tgt Ion: 84 Resp: 36103
Ion Ratio Lower Upper
84 100
49 121.5 104.1 156.1
51 40.9 31.3 46.9
86 64.5 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 18.899 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

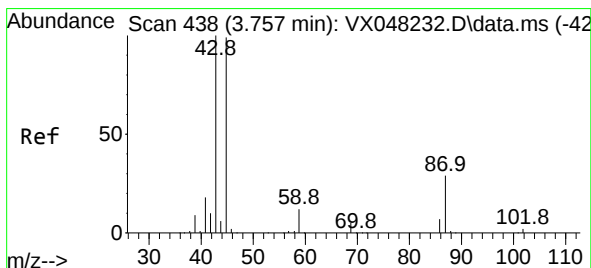
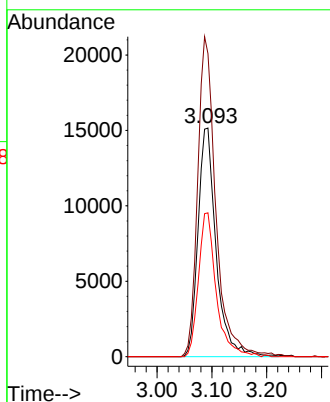
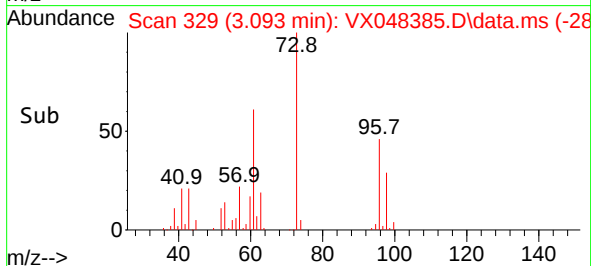
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



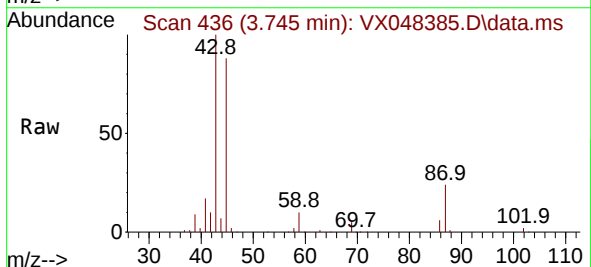
Tgt Ion: 96 Resp: 3481
Ion Ratio Lower Upper
96 100
61 132.6 111.9 167.9
98 64.9 51.2 76.8

Manual Integrations
APPROVED

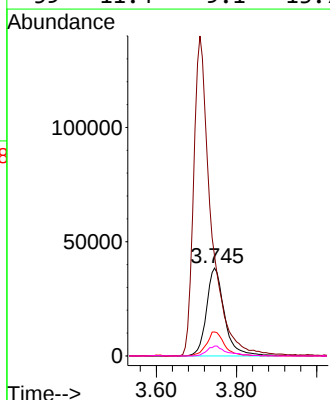
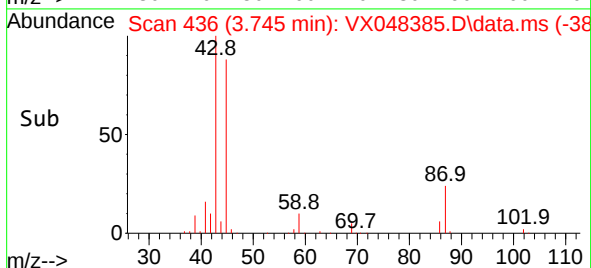
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

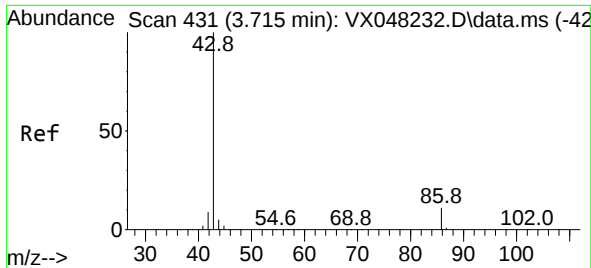


#22
Diisopropyl ether
Concen: 21.545 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



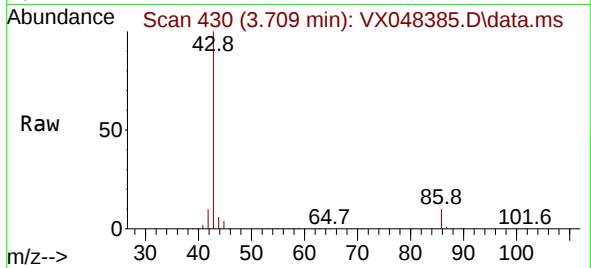
Tgt Ion: 45 Resp: 119633
Ion Ratio Lower Upper
45 100
43 113.5 89.8 134.8
87 27.3 20.6 31.0
59 11.4 9.1 13.7





#23
 Vinyl Acetate
 Concen: 95.754 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048385.D
 Acq: 28 Oct 2025 09:53

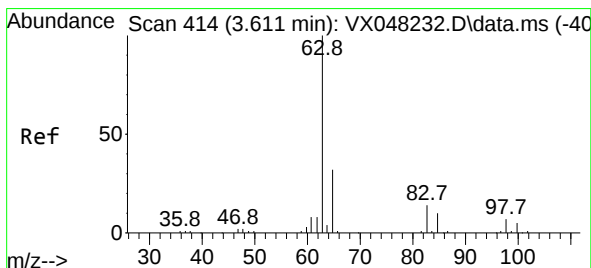
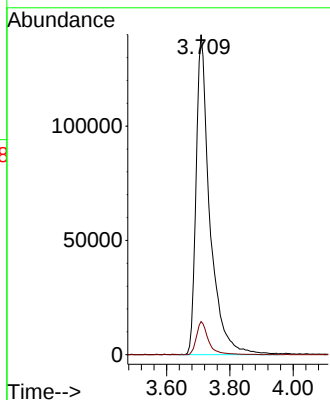
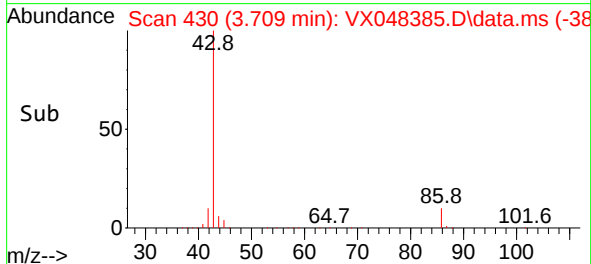
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01



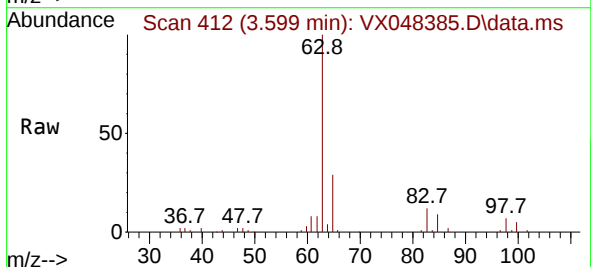
Tgt Ion: 43 Resp: 42472
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.9 11.9

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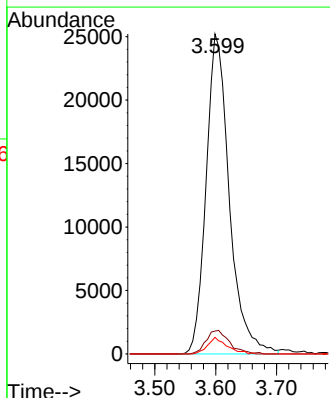
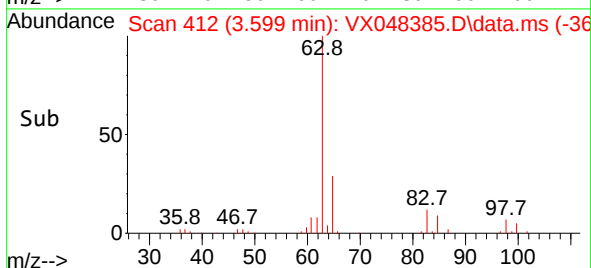
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

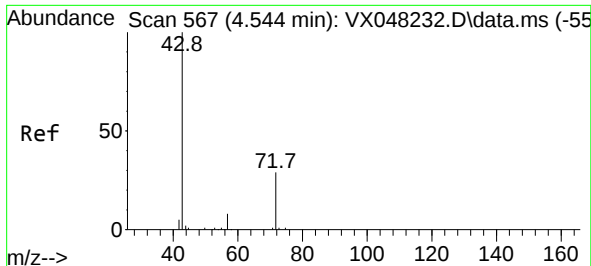


#24
 1,1-Dichloroethane
 Concen: 19.876 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048385.D
 Acq: 28 Oct 2025 09:53



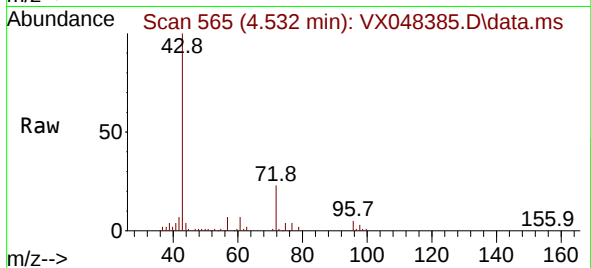
Tgt Ion: 63 Resp: 66734
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 5.2 2.1 6.3





#25
2-Butanone
Concen: 77.463 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

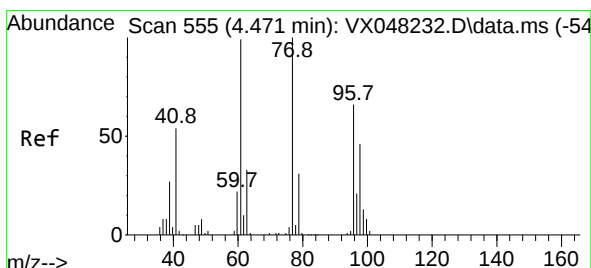
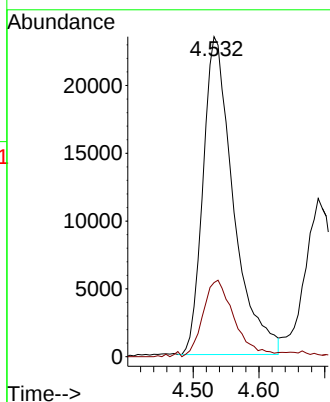
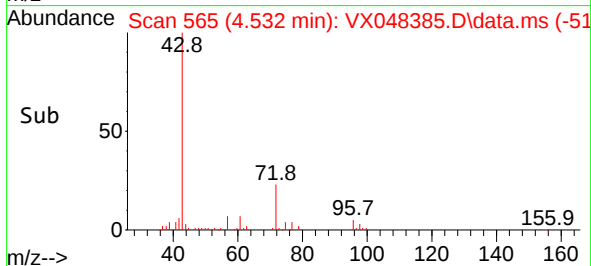
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 43 Resp: 7532
Ion Ratio Lower Upper
43 100
72 23.2 19.9 29.9

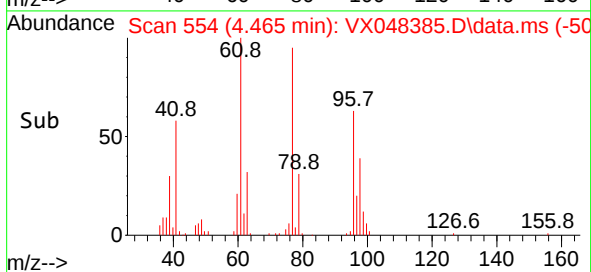
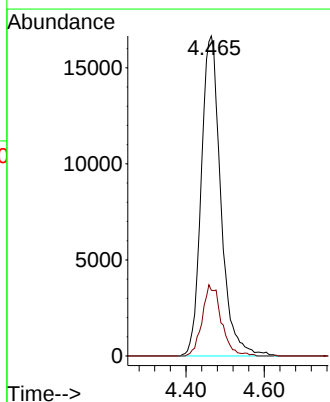
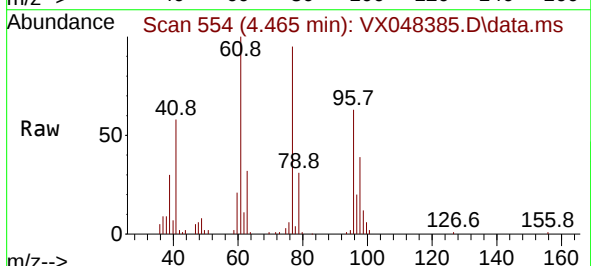
Manual Integrations
APPROVED

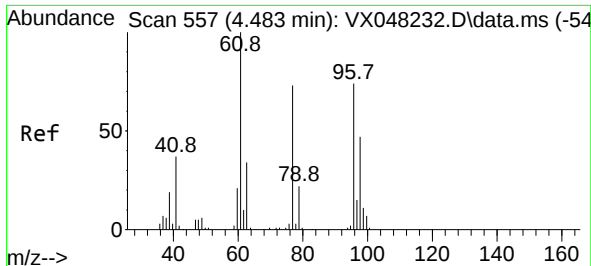
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#26
2,2-Dichloropropane
Concen: 19.021 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion: 77 Resp: 57643
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.364 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tgt Ion: 96 Resp: 41620

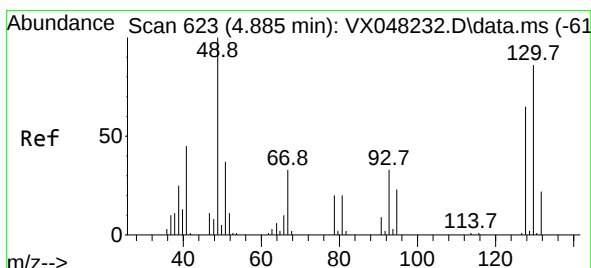
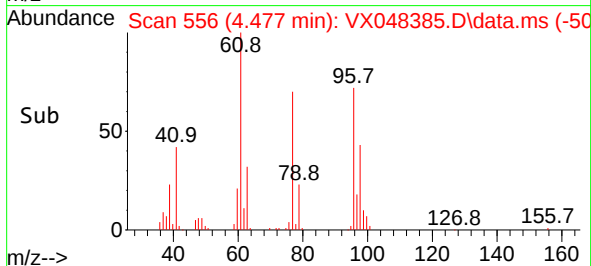
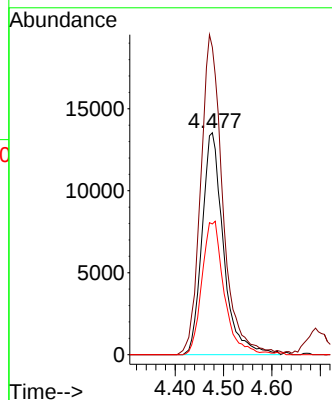
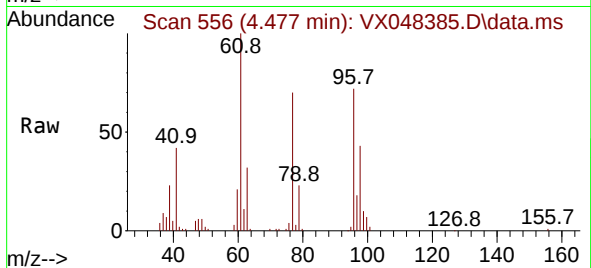
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	294.2
98	62.7	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#28

Bromochloromethane

Concen: 19.315 ug/l

RT: 4.879 min Scan# 622

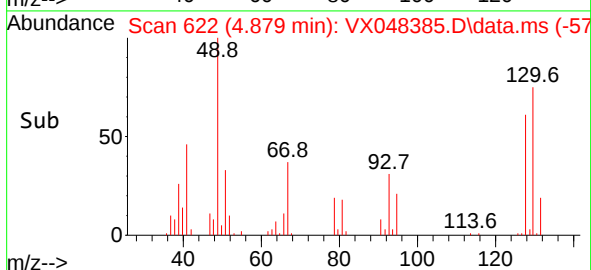
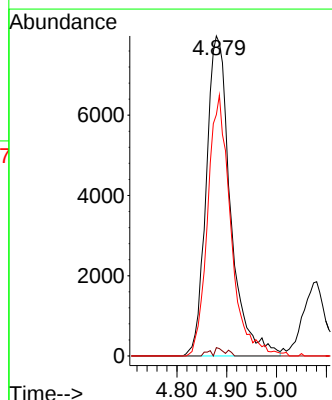
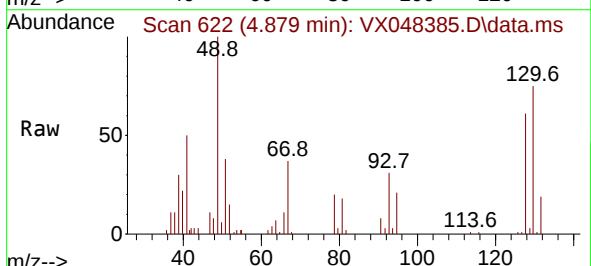
Delta R.T. -0.006 min

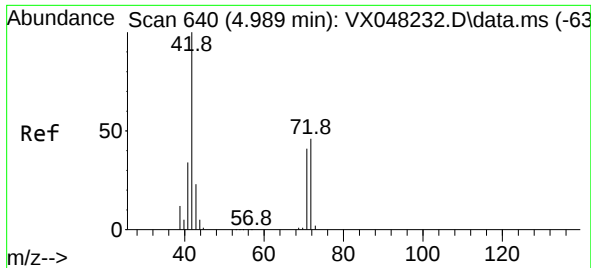
Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Tgt Ion: 49 Resp: 26889

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	78.0	59.3	88.9





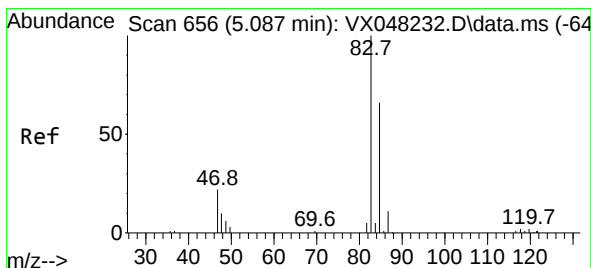
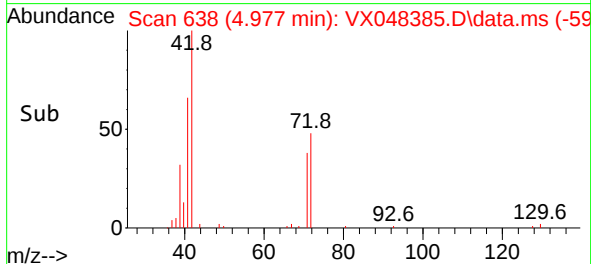
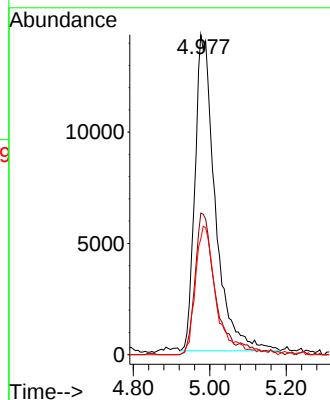
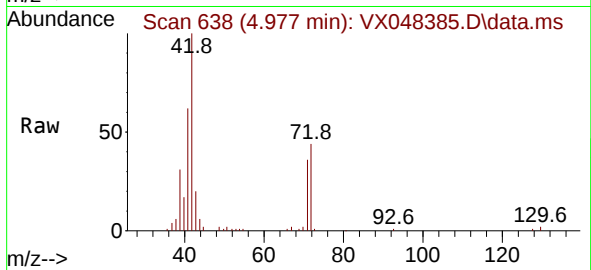
#29
Tetrahydrofuran
Concen: 89.858 ug/l
RT: 4.977 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion: 42 Resp: 52330
Ion Ratio Lower Upper
42 100
72 42.7 35.3 52.9
71 41.3 32.2 48.4

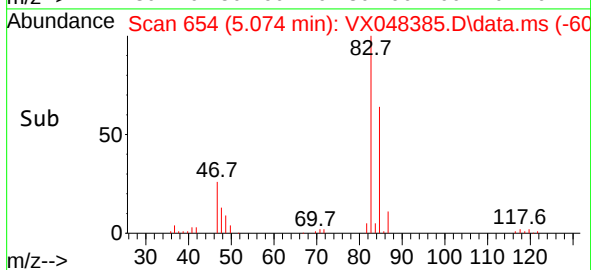
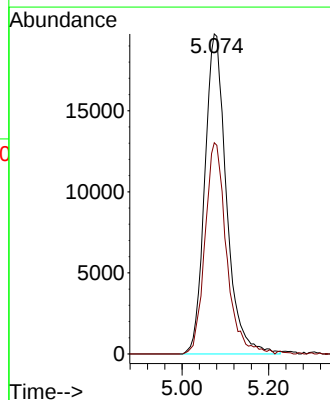
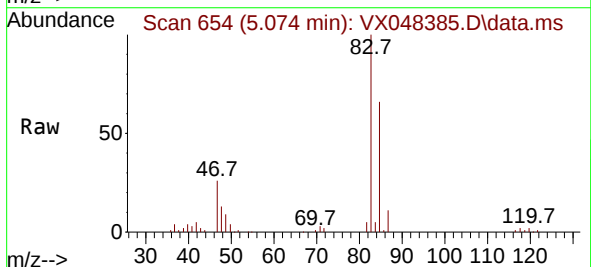
Manual Integrations
APPROVED

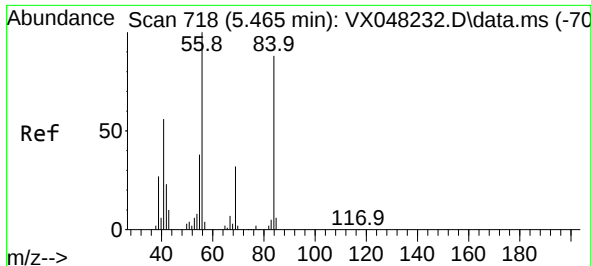
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#30
Chloroform
Concen: 19.120 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

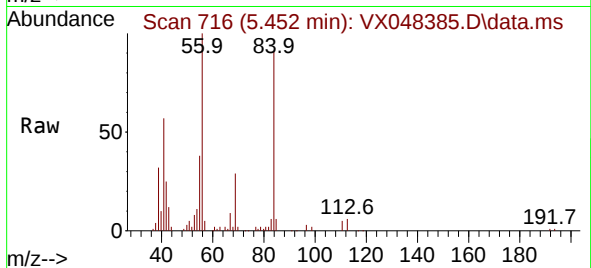
Tgt Ion: 83 Resp: 68587
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1





#31
Cyclohexane
Concen: 20.494 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

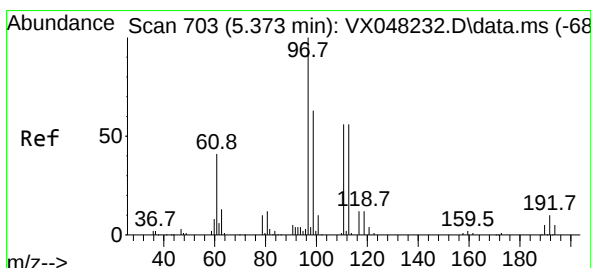
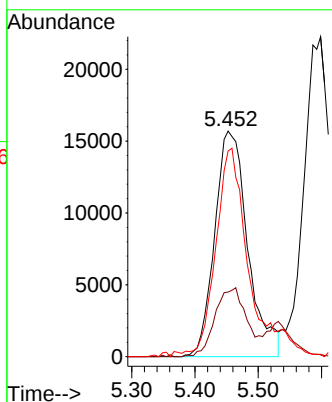
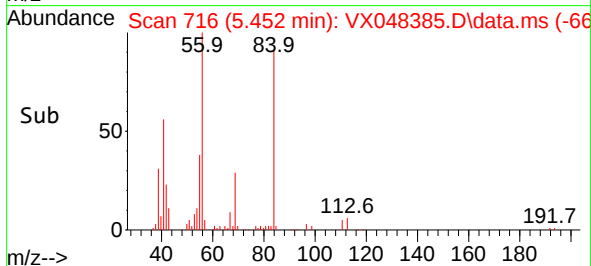
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 56 Resp: 5696
Ion Ratio Lower Upper
56 100
69 28.3 23.0 34.6
84 89.2 64.6 97.0

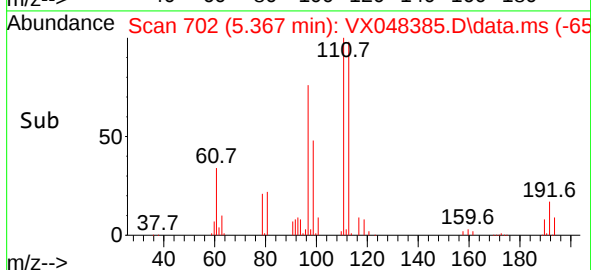
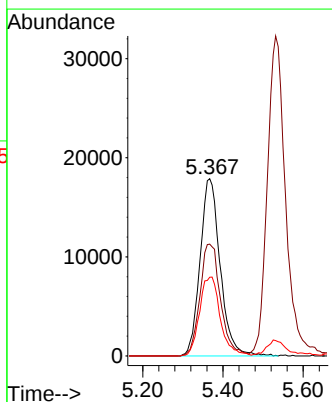
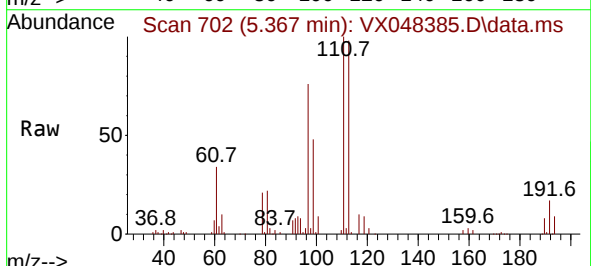
Manual Integrations
APPROVED

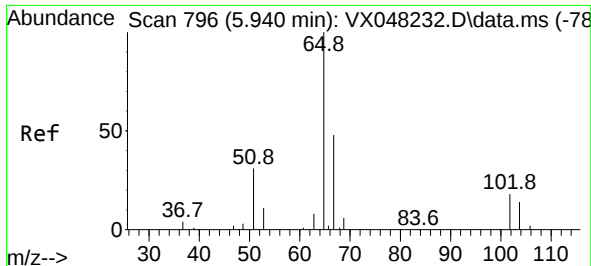
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 18.862 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion: 97 Resp: 62358
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 45.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 53.258 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tgt Ion: 65 Resp: 119264

Ion Ratio Lower Upper

65 100

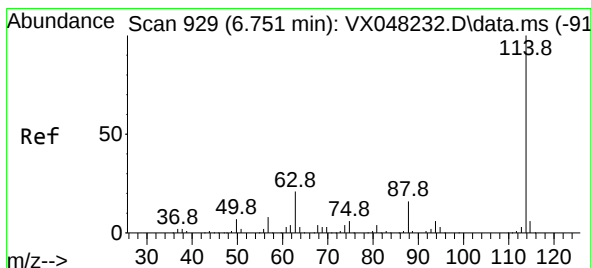
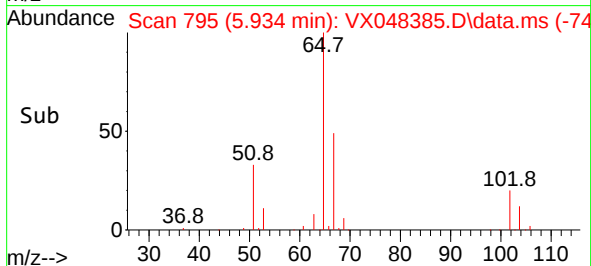
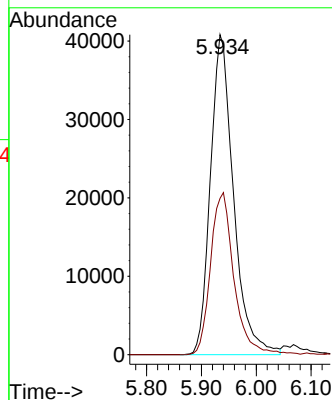
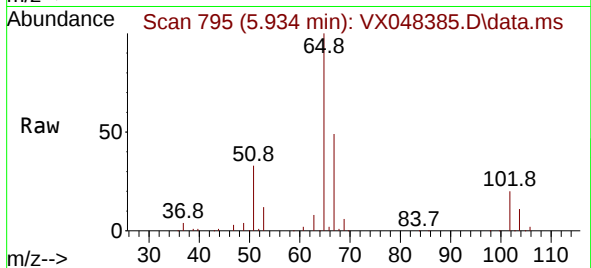
67 51.4 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

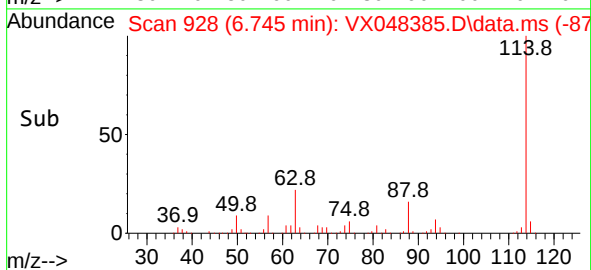
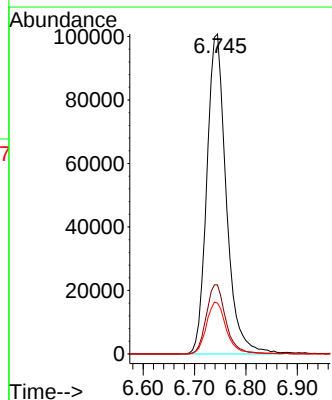
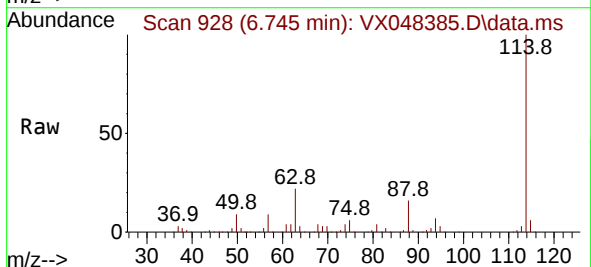
Tgt Ion:114 Resp: 264519

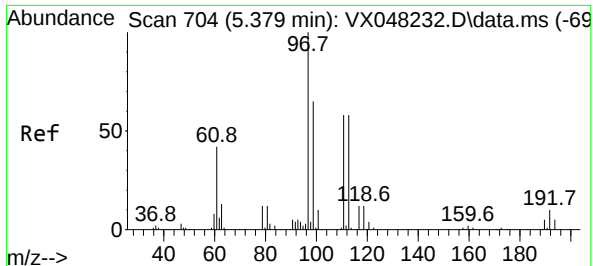
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

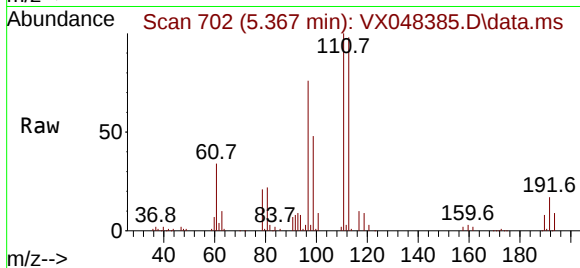
88 15.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 42.431 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

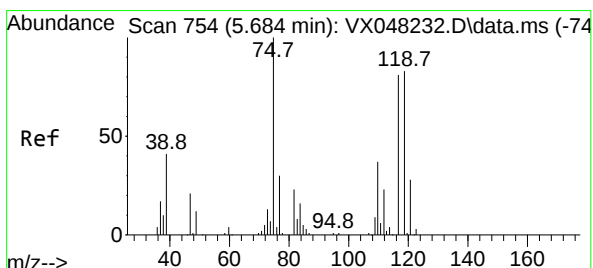
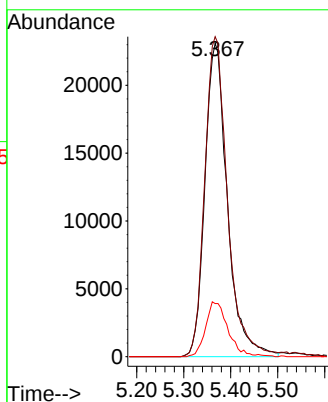
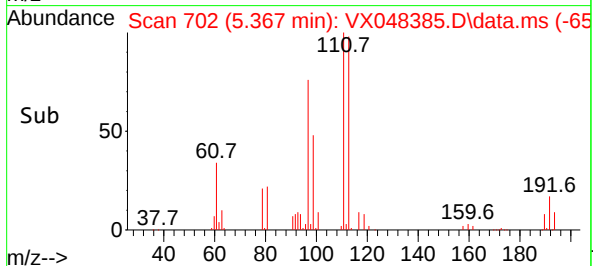
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 113 Resp: 76624
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.2 15.1 22.7

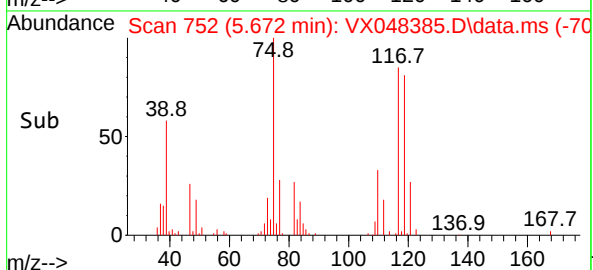
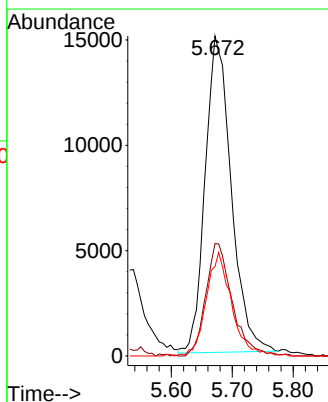
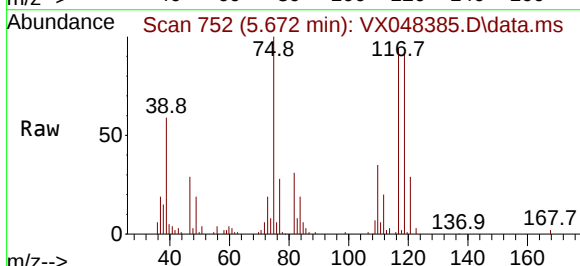
Manual Integrations
APPROVED

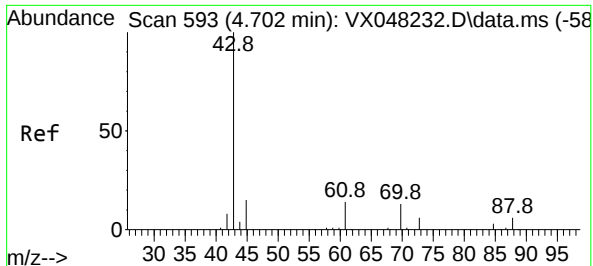
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#36
1,1-Dichloropropene
Concen: 17.428 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion: 75 Resp: 44732
Ion Ratio Lower Upper
75 100
110 35.8 17.7 53.1
77 31.8 24.3 36.5





#37

Ethyl Acetate

Concen: 16.584 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.006 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

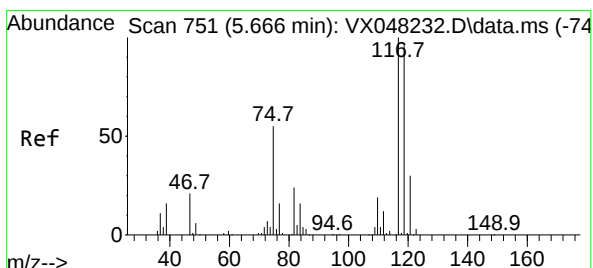
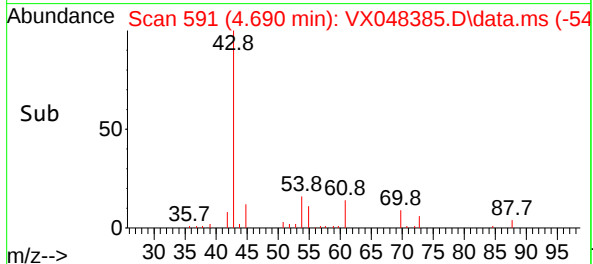
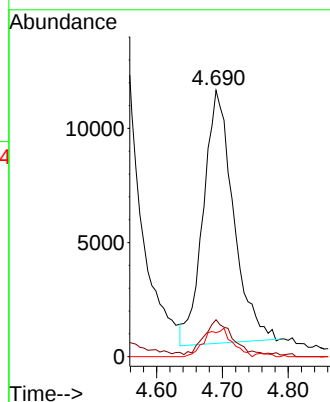
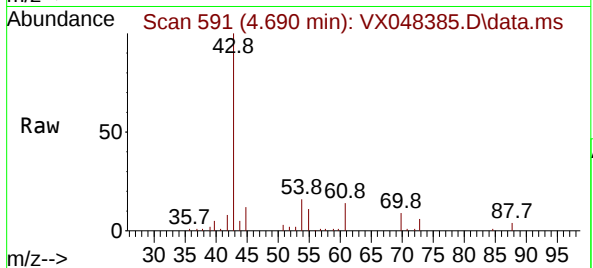
Tgt Ion: 43	Resp: 3528
Ion Ratio	Lower Upper
43 100	
61 12.5	10.6 15.8
70 10.1	7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#38

Carbon Tetrachloride

Concen: 17.246 ug/l

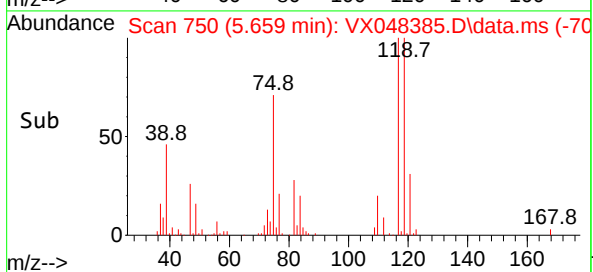
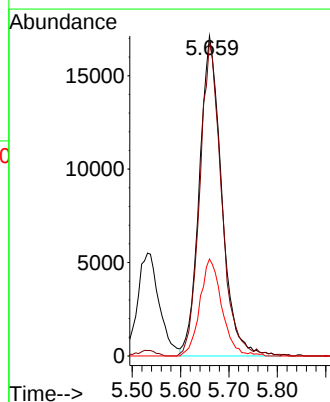
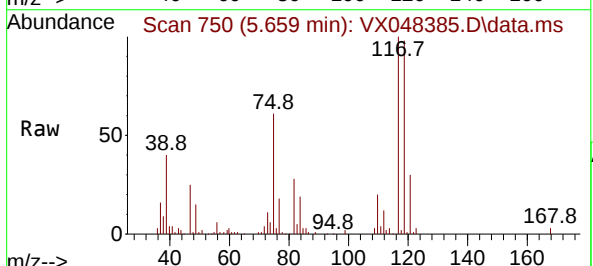
RT: 5.659 min Scan# 750

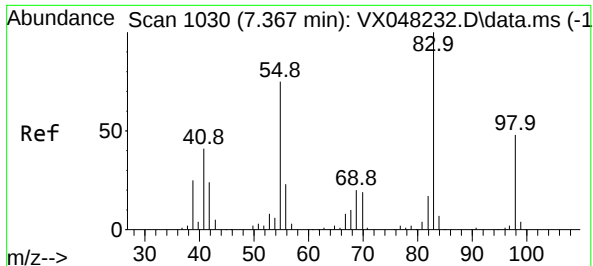
Delta R.T. -0.006 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Tgt Ion: 117	Resp: 54613
Ion Ratio	Lower Upper
117 100	
119 97.9	77.2 115.8
121 30.3	24.8 37.2





#39

Methylcyclohexane

Concen: 18.898 ug/l

RT: 7.360 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

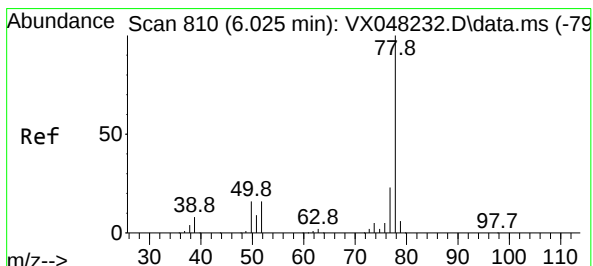
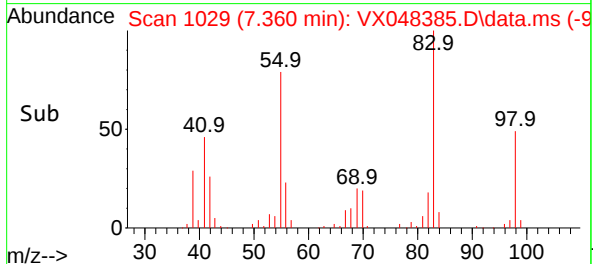
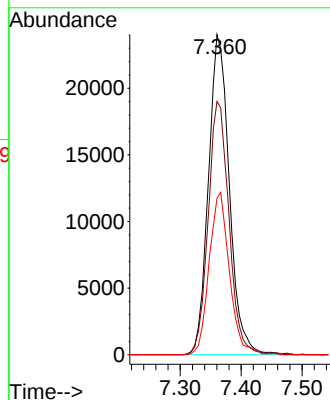
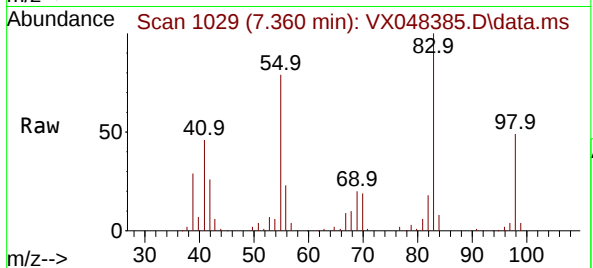
Tgt Ion: 83 Resp: 57280
 Ion Ratio Lower Upper
 83 100
 55 79.1 66.2 99.2
 98 48.9 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#40

Benzene

Concen: 18.930 ug/l

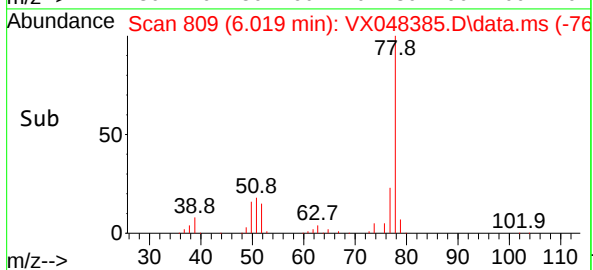
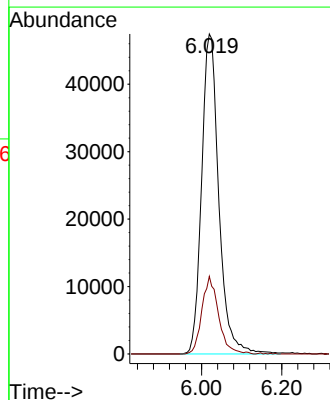
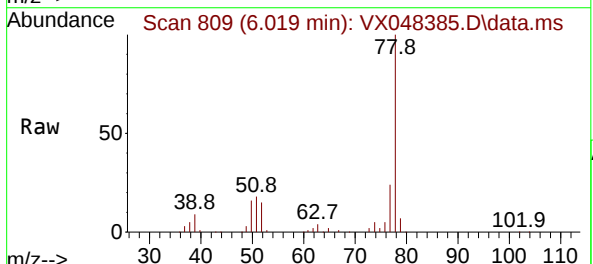
RT: 6.019 min Scan# 809

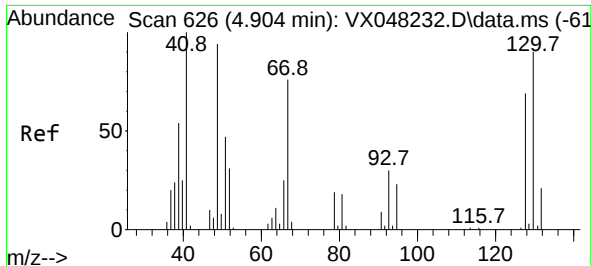
Delta R.T. -0.006 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

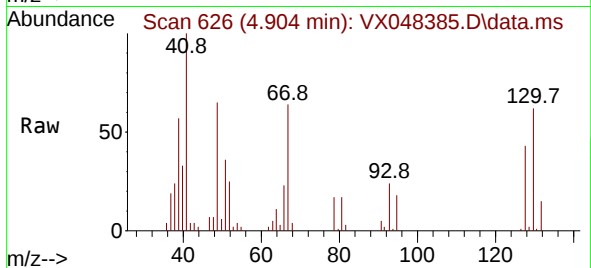
Tgt Ion: 78 Resp: 141064
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 19.238 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

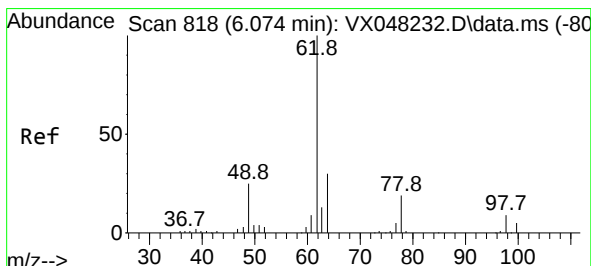
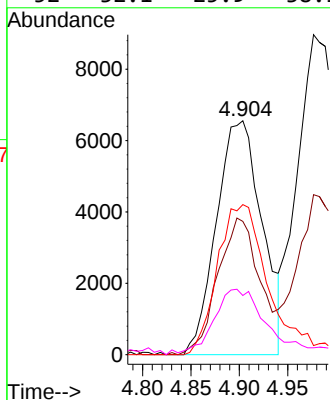
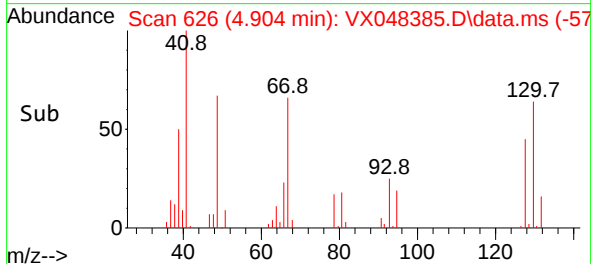
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 41 Resp: 21494
Ion Ratio Lower Upper
41 100
39 52.6 44.0 66.0
67 72.3 58.7 88.1
52 32.1 25.9 38.9

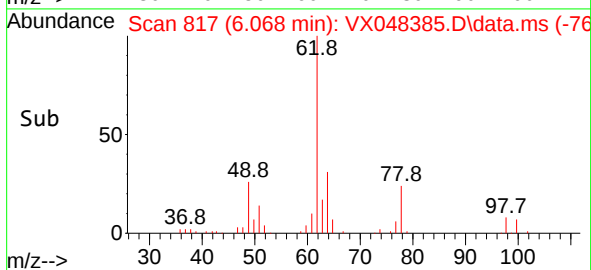
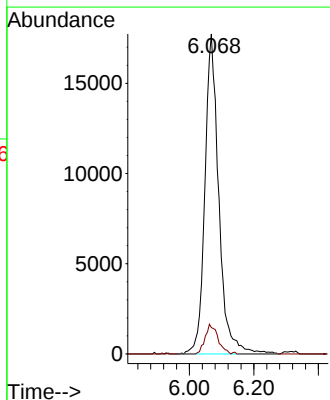
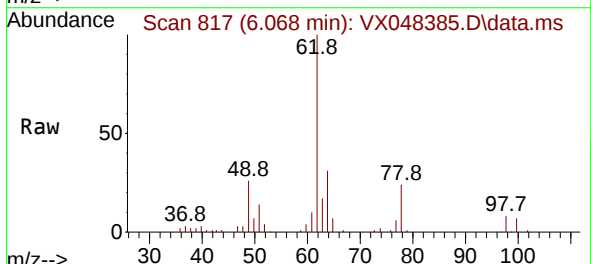
Manual Integrations
APPROVED

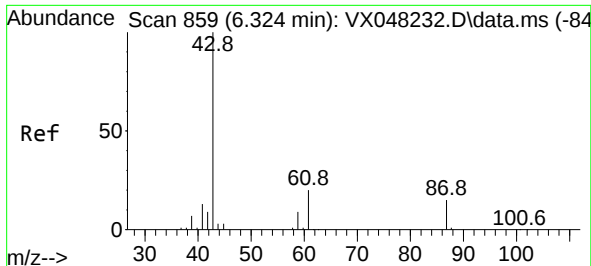
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#42
1,2-Dichloroethane
Concen: 19.321 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion: 62 Resp: 53130
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.159 ug/l

RT: 6.318 min Scan# 858

Delta R.T. -0.006 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

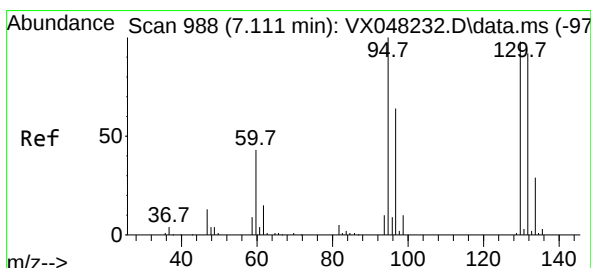
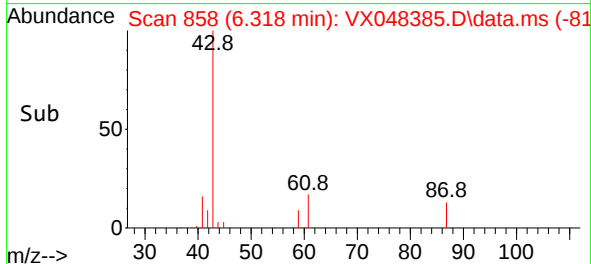
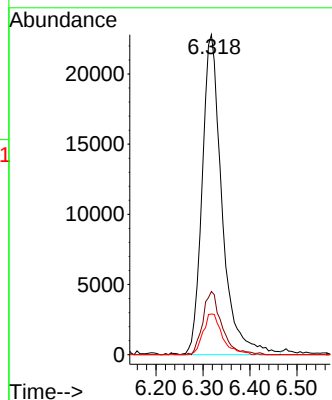
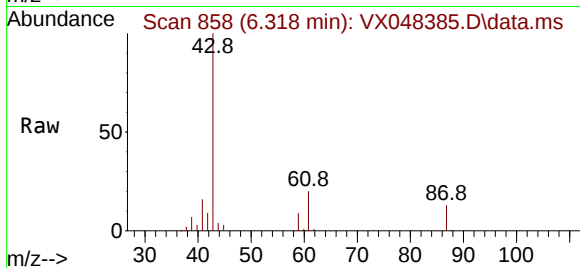
Tgt Ion:	43	Resp:	6695
Ion Ratio	Lower	Upper	
43	100		
61	18.9	14.9	22.3
87	12.3	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#44

Trichloroethene

Concen: 18.219 ug/l

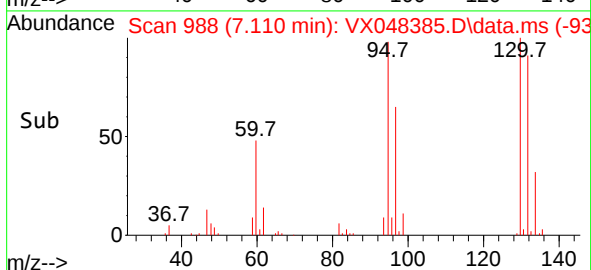
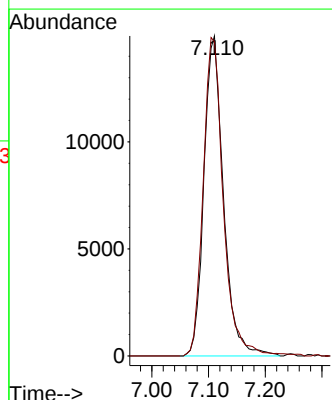
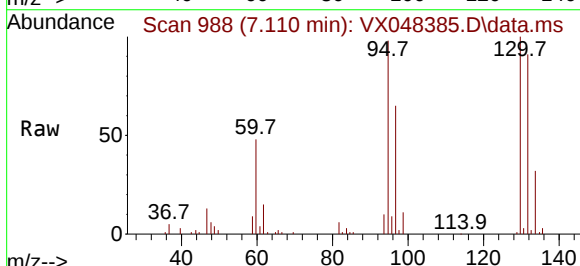
RT: 7.110 min Scan# 988

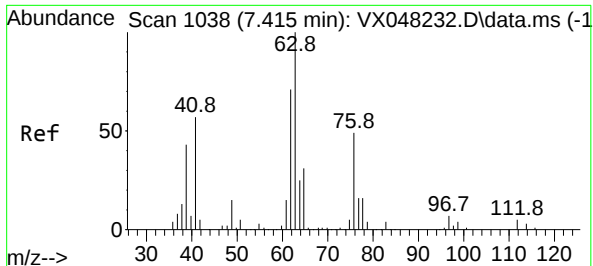
Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Tgt Ion:	130	Resp:	35849
Ion Ratio	Lower	Upper	
130	100		
95	98.2	0.0	200.6





#45

1,2-Dichloropropane

Concen: 19.588 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tgt Ion: 63 Resp: 3470

Ion Ratio Lower Upper

63 100

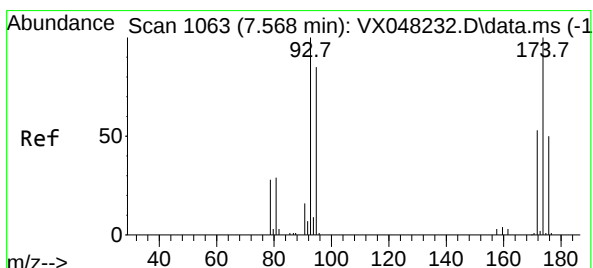
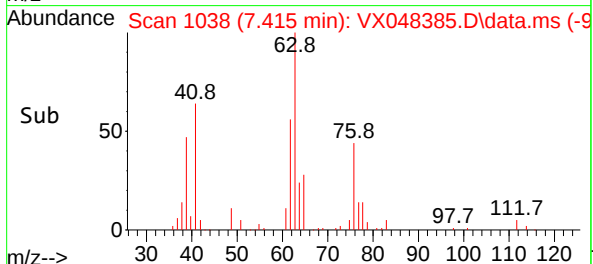
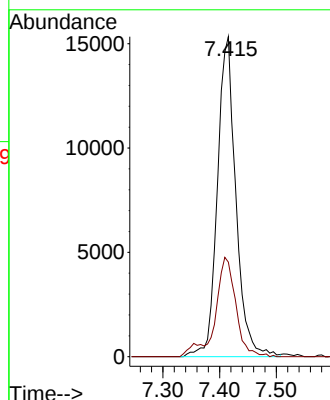
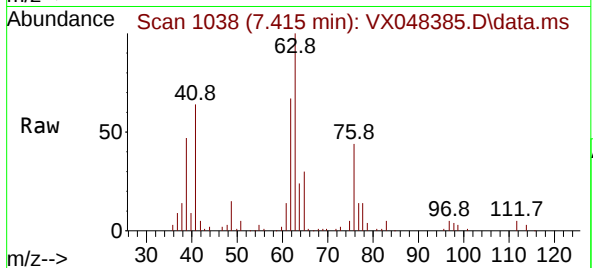
65 29.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#46

Dibromomethane

Concen: 17.830 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

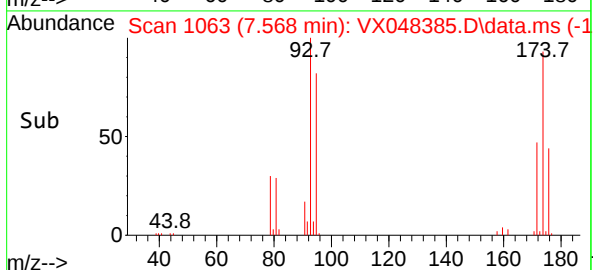
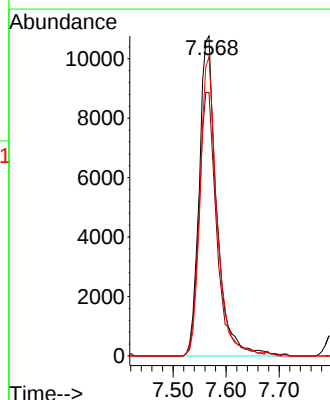
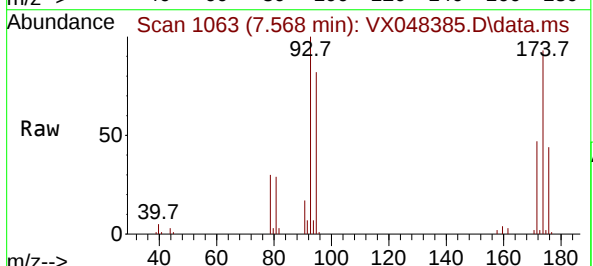
Tgt Ion: 93 Resp: 24612

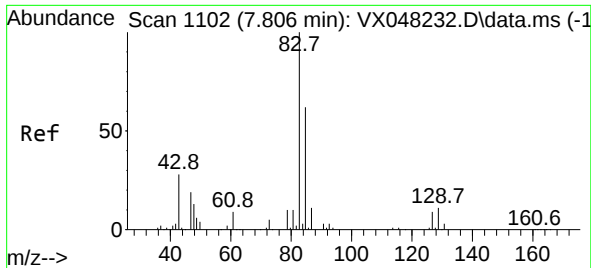
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 90.8 71.7 107.5





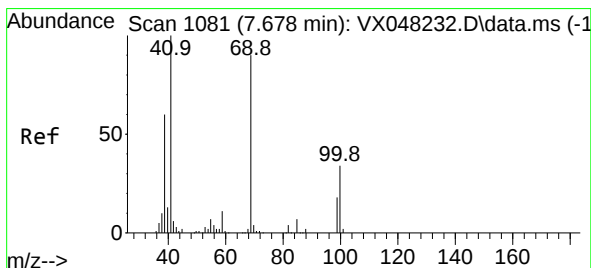
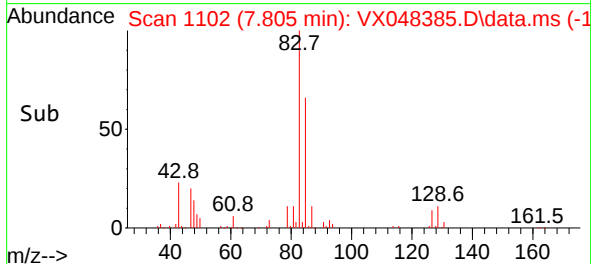
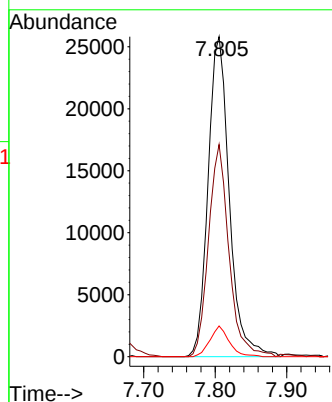
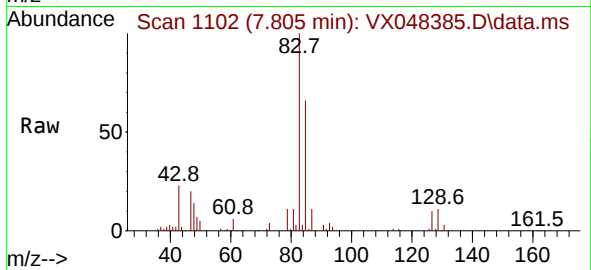
#47
Bromodichloromethane
Concen: 17.857 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion: 83 Resp: 5322
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.4
127 9.6 7.3 10.9

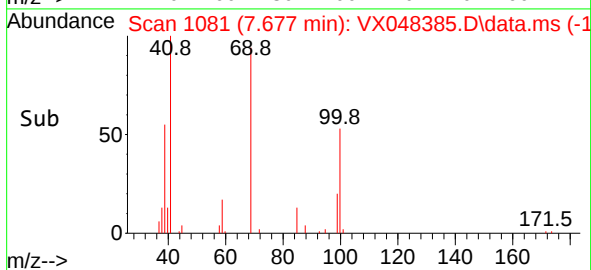
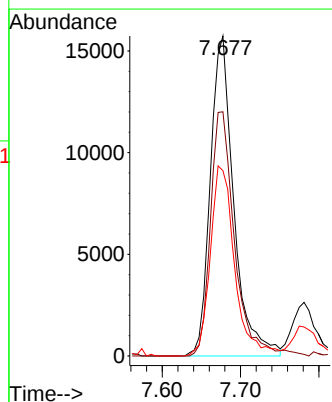
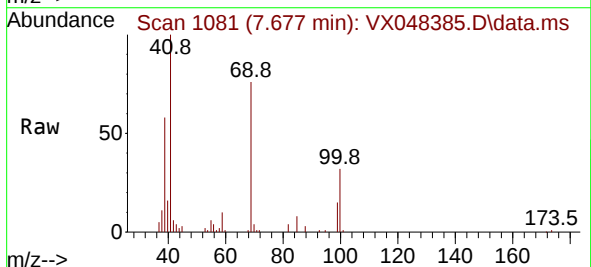
Manual Integrations
APPROVED

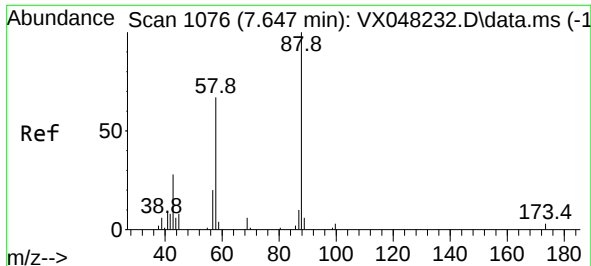
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#48
Methyl methacrylate
Concen: 18.570 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

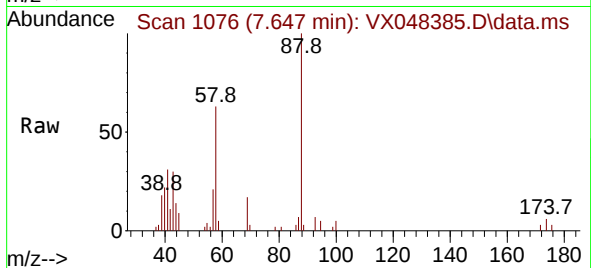
Tgt Ion: 41 Resp: 32746
Ion Ratio Lower Upper
41 100
69 78.5 63.4 95.0
39 61.7 47.1 70.7





#49
1,4-Dioxane
Concen: 308.494 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

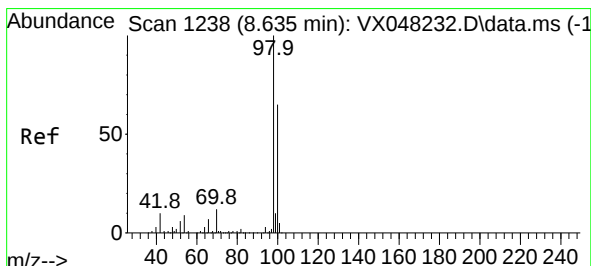
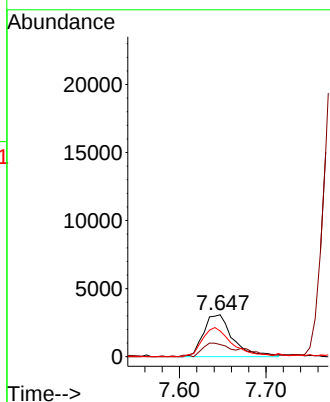
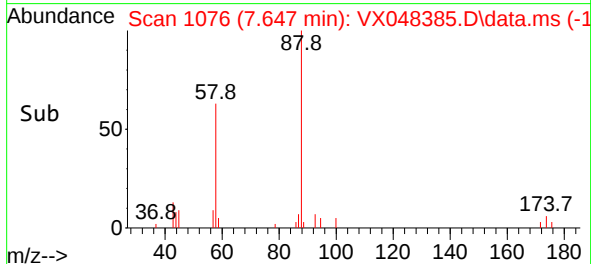
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 88 Resp: 718
Ion Ratio Lower Upper
88 100
43 30.8 35.0 52.4
58 70.3 61.9 92.9

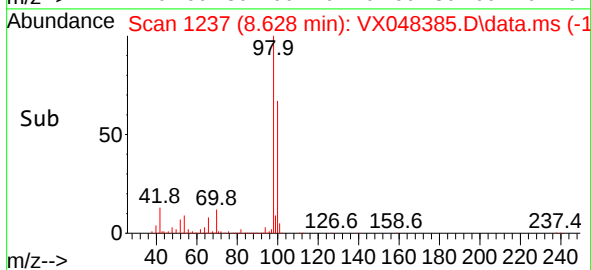
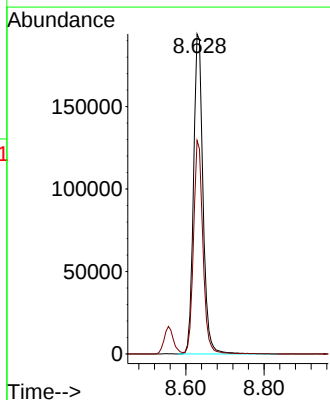
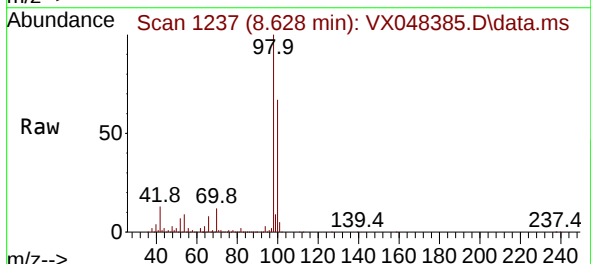
Manual Integrations
APPROVED

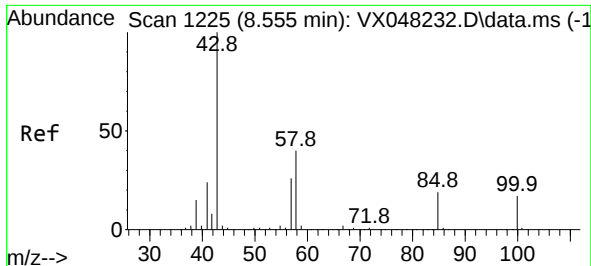
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#50
Toluene-d8
Concen: 51.768 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

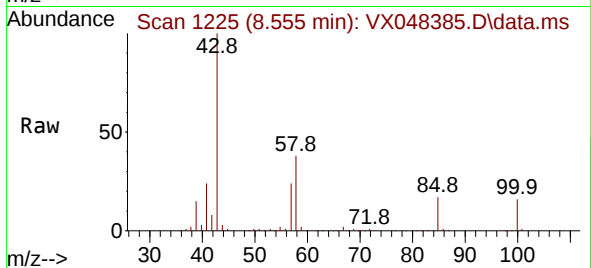
Tgt Ion: 98 Resp: 327676
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 92.836 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

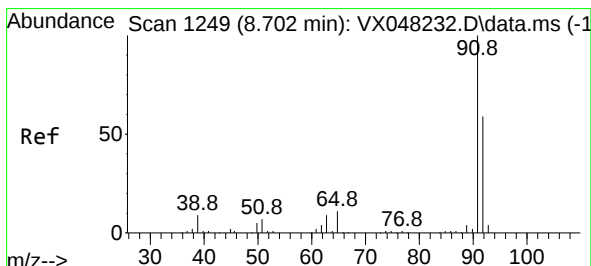
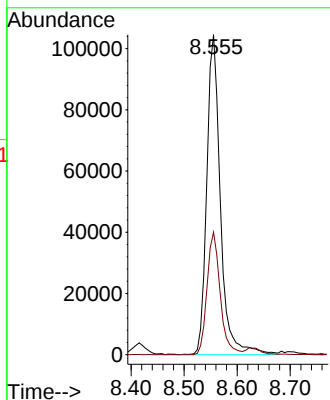
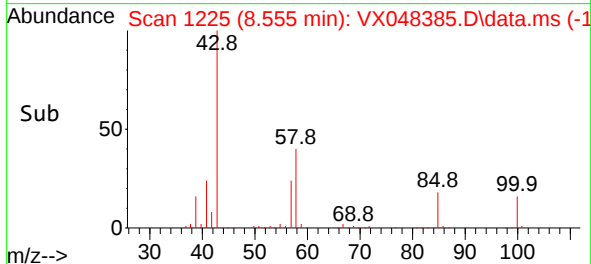
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 43 Resp: 18705
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3

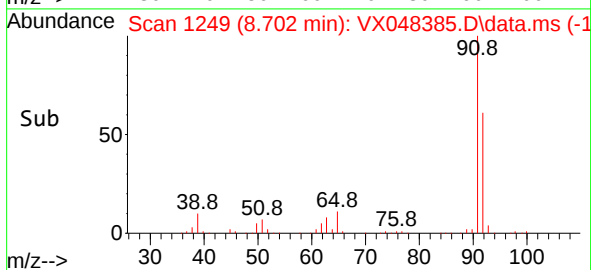
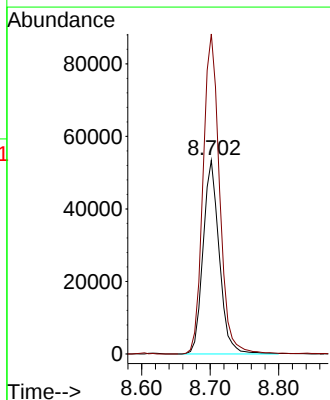
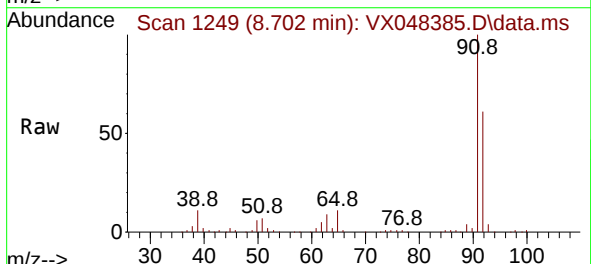
Manual Integrations
APPROVED

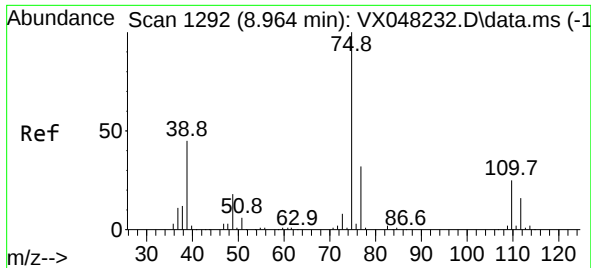
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#52
Toluene
Concen: 18.489 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion: 92 Resp: 87531
Ion Ratio Lower Upper
92 100
91 169.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 17.178 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tgt Ion: 75 Resp: 49330

Ion Ratio Lower Upper

75 100

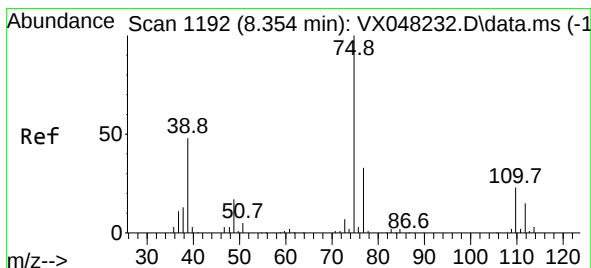
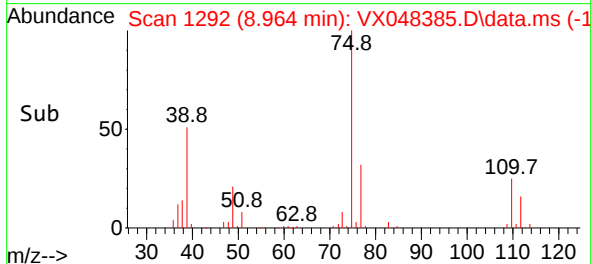
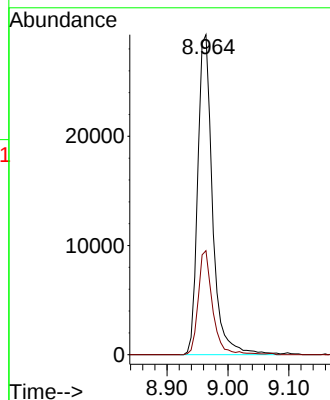
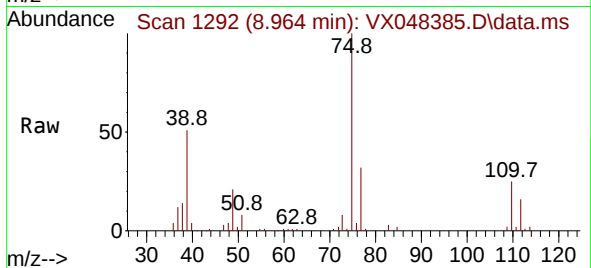
77 32.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#54

cis-1,3-Dichloropropene

Concen: 17.300 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

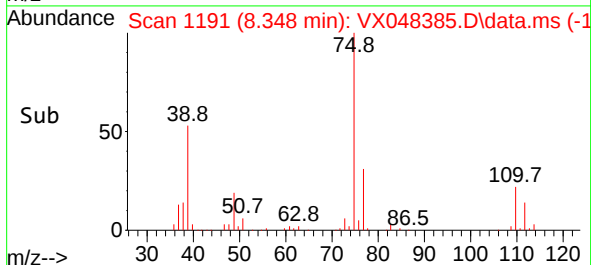
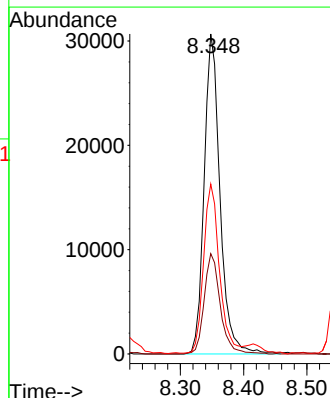
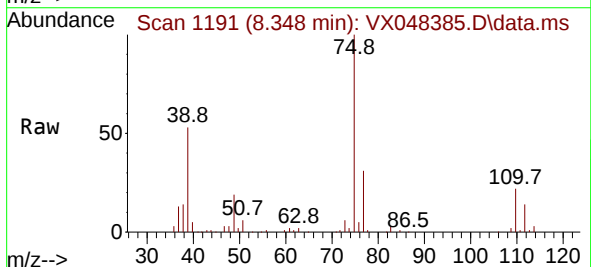
Tgt Ion: 75 Resp: 53607

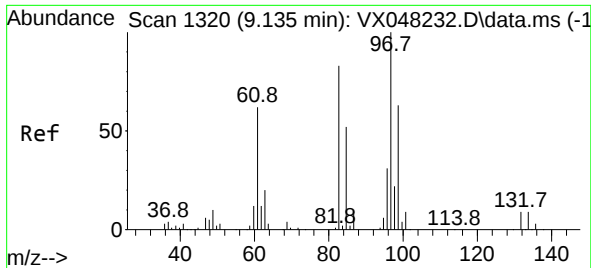
Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

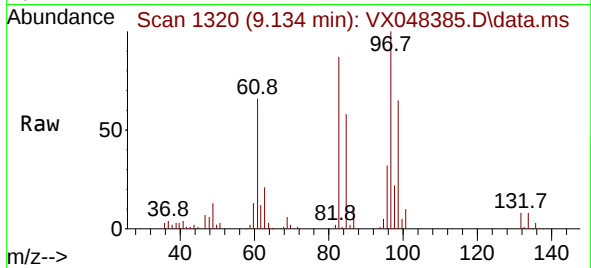
39 52.8 42.6 64.0





#55
 1,1,2-Trichloroethane
 Concen: 18.331 ug/l
 RT: 9.134 min Scan# 1320
 Delta R.T. -0.000 min
 Lab File: VX048385.D
 Acq: 28 Oct 2025 09:53

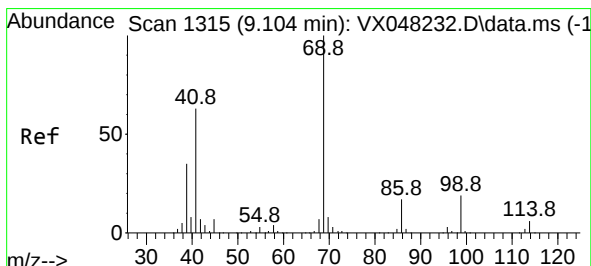
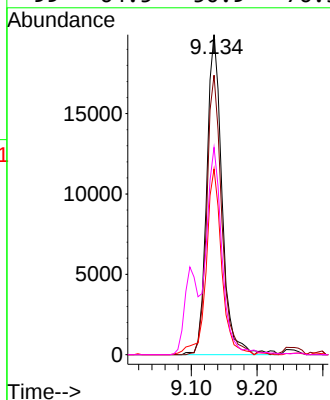
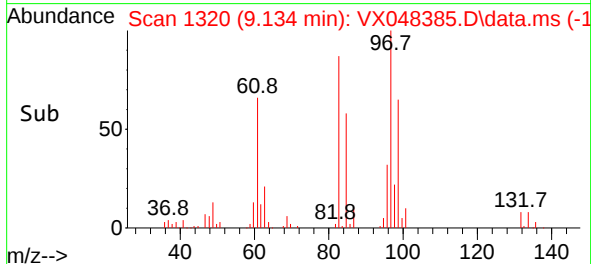
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01



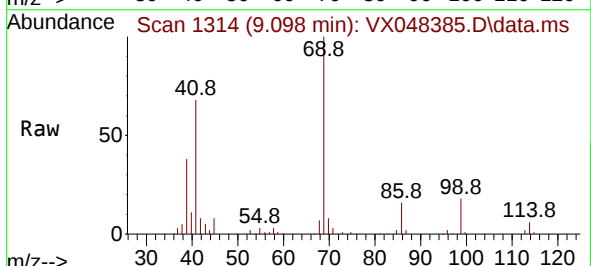
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.6	105.8
85	58.1	45.0	67.6
99	64.5	50.9	76.3

Manual Integrations
 APPROVED

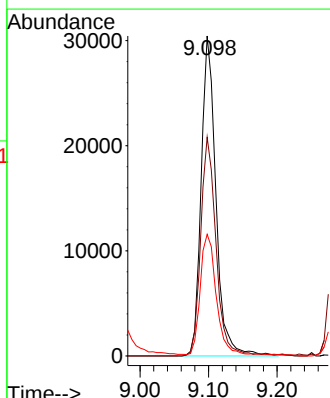
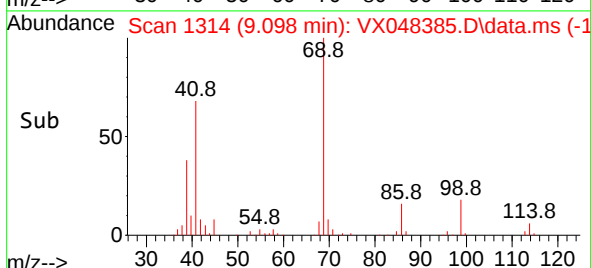
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

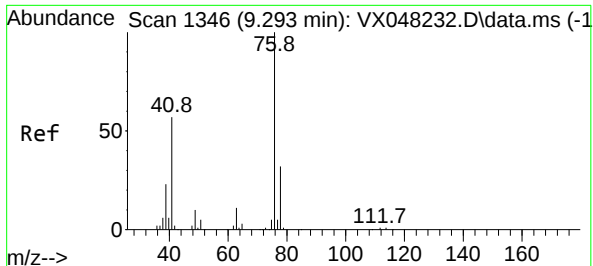


#56
 Ethyl methacrylate
 Concen: 17.775 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048385.D
 Acq: 28 Oct 2025 09:53



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.2	56.0	84.0
39	40.2	31.6	47.4





#57

1,3-Dichloropropane

Concen: 18.611 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tgt Ion: 76 Resp: 5596

Ion Ratio Lower Upper

76 100

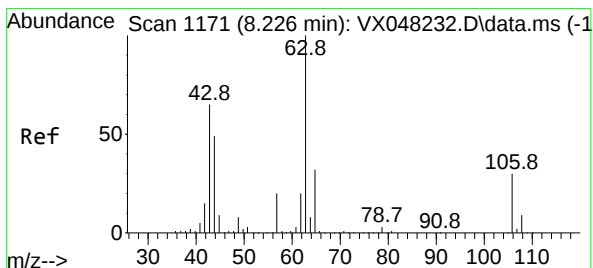
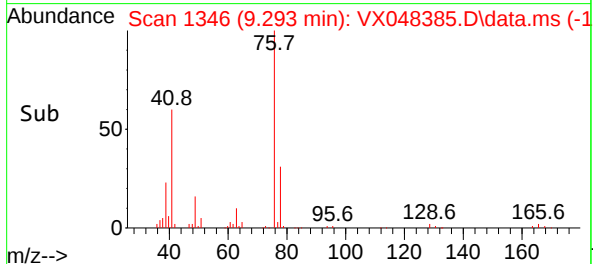
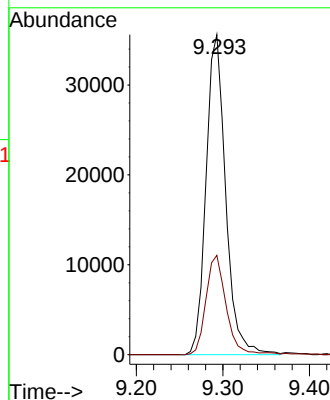
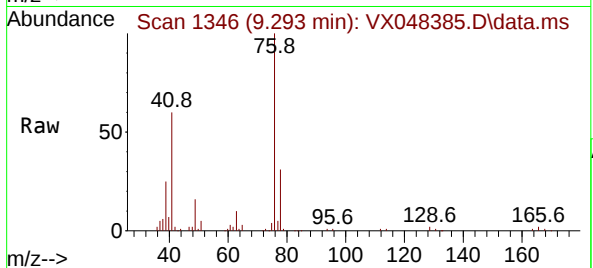
78 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 76.450 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048385.D

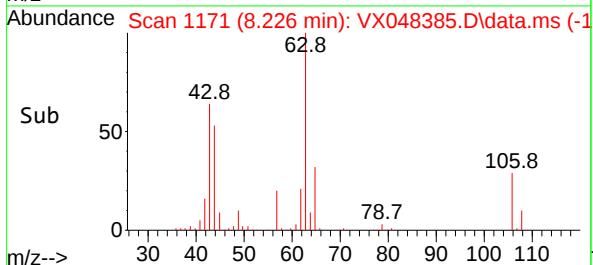
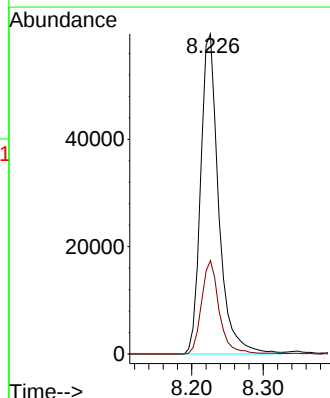
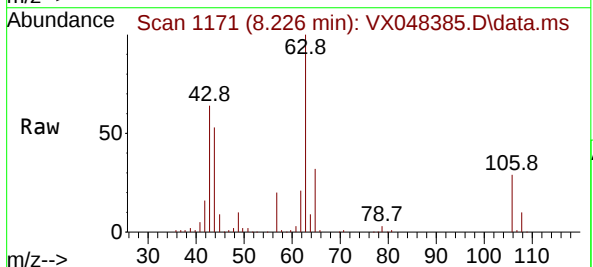
Acq: 28 Oct 2025 09:53

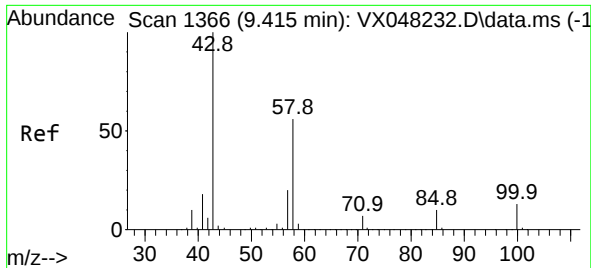
Tgt Ion: 63 Resp: 104212

Ion Ratio Lower Upper

63 100

106 28.7 22.2 33.2





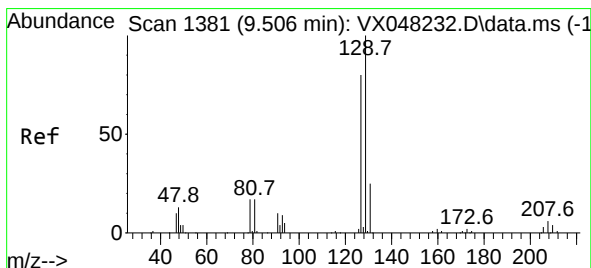
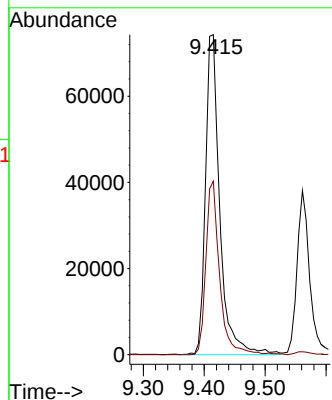
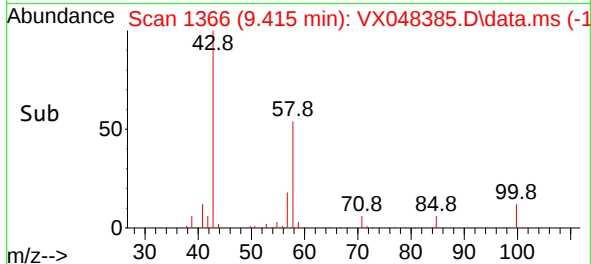
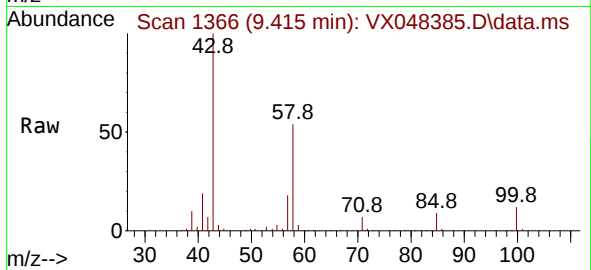
#59
2-Hexanone
Concen: 86.402 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion: 43 Resp: 12139
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.8

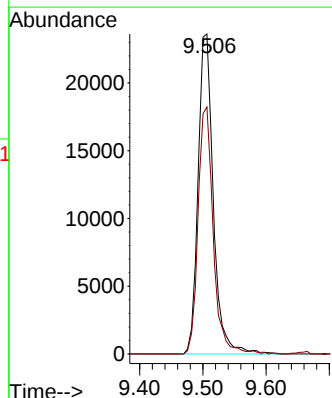
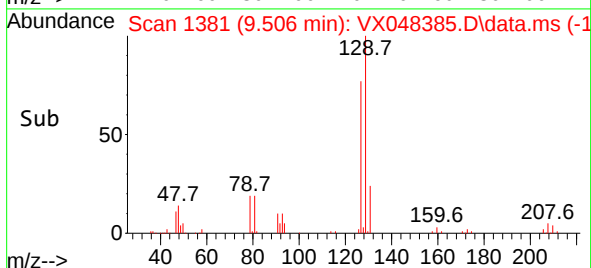
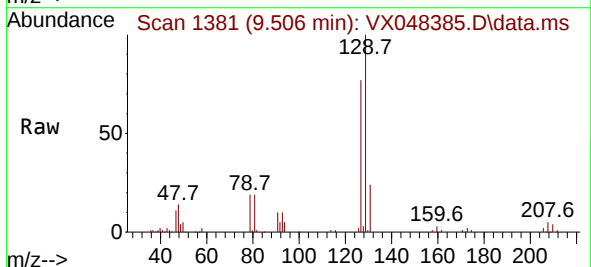
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 16.730 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

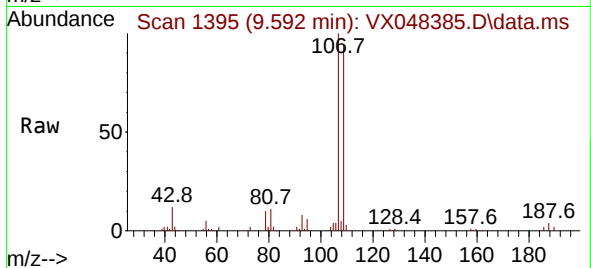
Tgt Ion:129 Resp: 39589
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 17.357 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

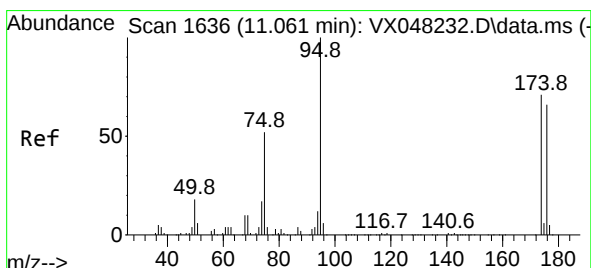
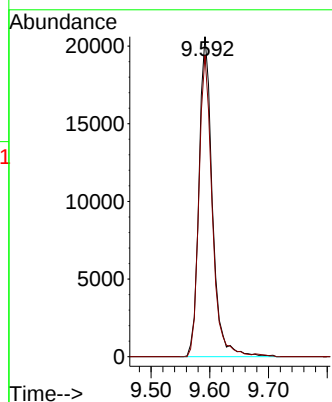
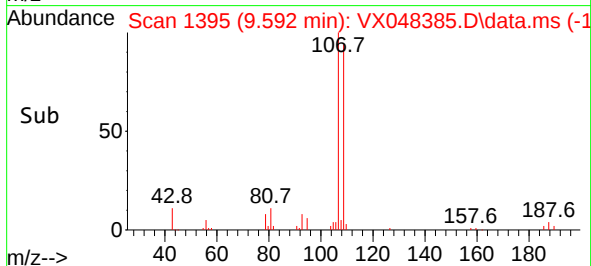
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



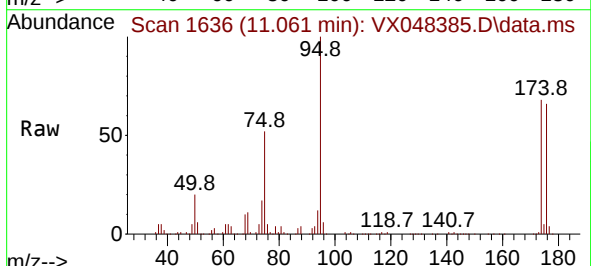
Tgt Ion:107 Resp: 3257
Ion Ratio Lower Upper
107 100
109 93.1 77.0 115.4

Manual Integrations
APPROVED

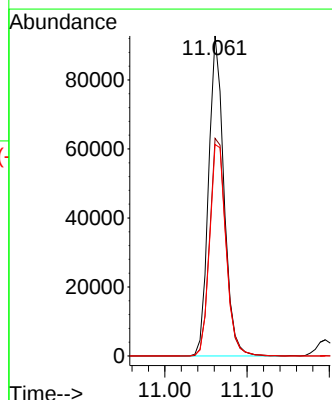
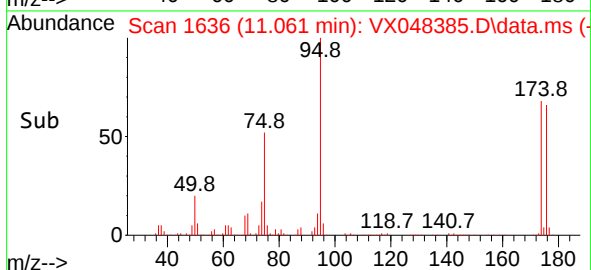
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

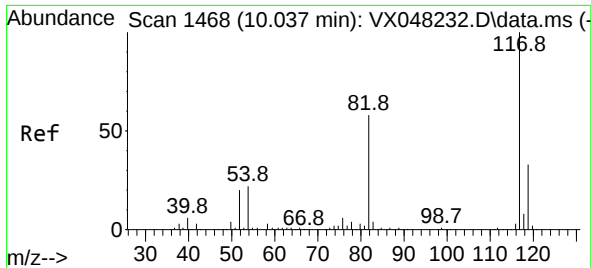


#62
4-Bromofluorobenzene
Concen: 49.964 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



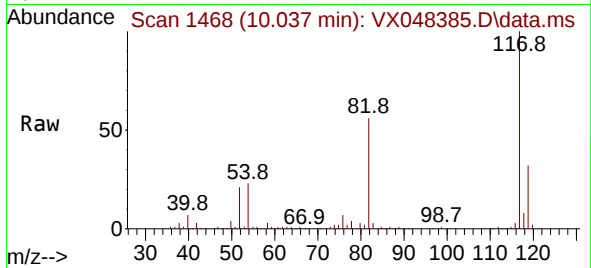
Tgt Ion: 95 Resp: 120313
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.8
176 70.6 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

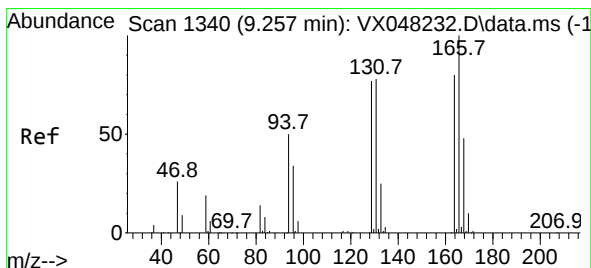
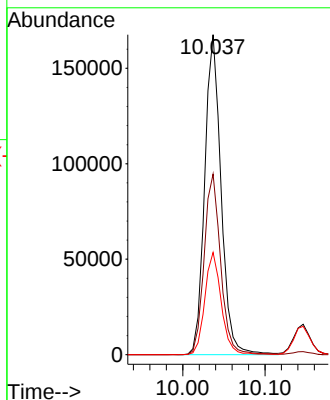
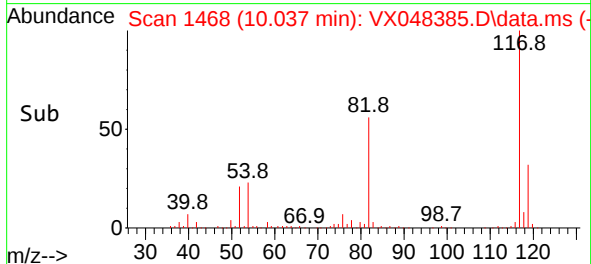
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion:117 Resp: 232004
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 31.9 25.9 38.9

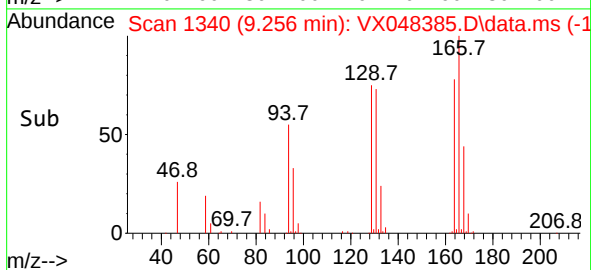
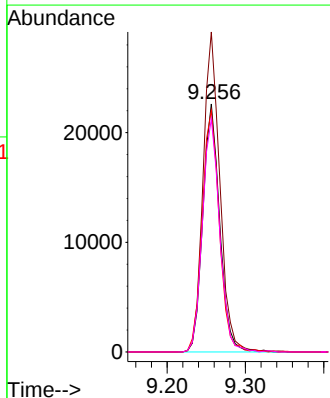
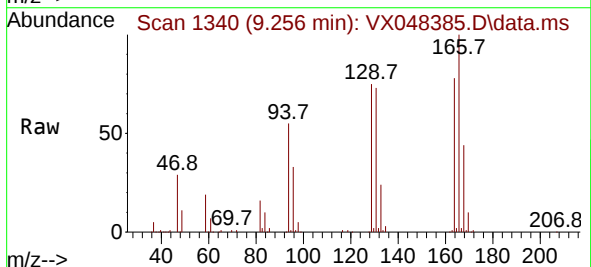
Manual Integrations
APPROVED

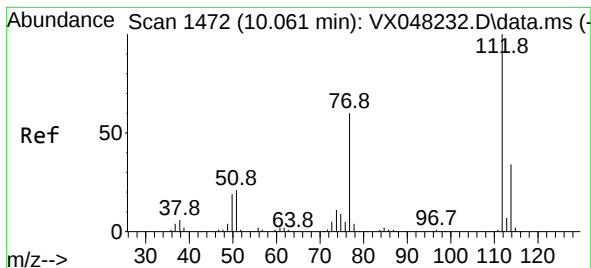
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#64
Tetrachloroethene
Concen: 19.503 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion:164 Resp: 33779
Ion Ratio Lower Upper
164 100
166 129.0 104.5 156.7
129 97.4 81.8 122.6
131 93.9 77.0 115.6





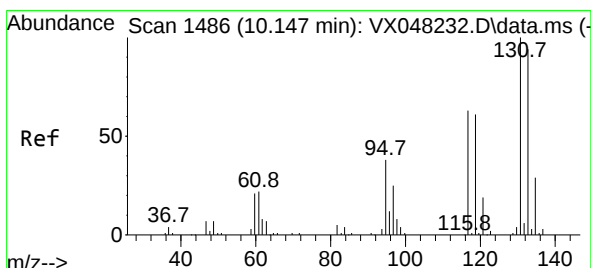
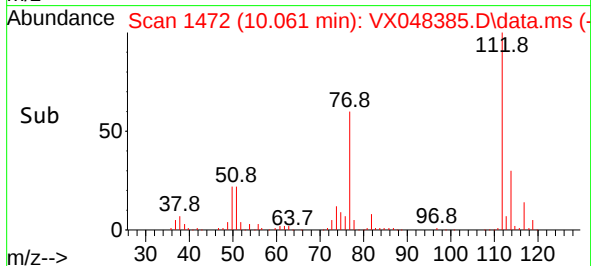
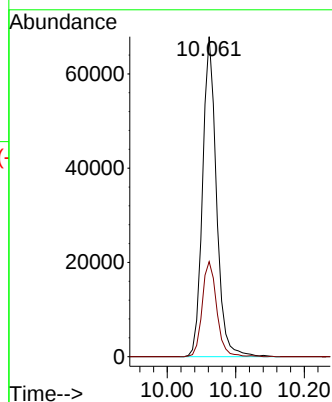
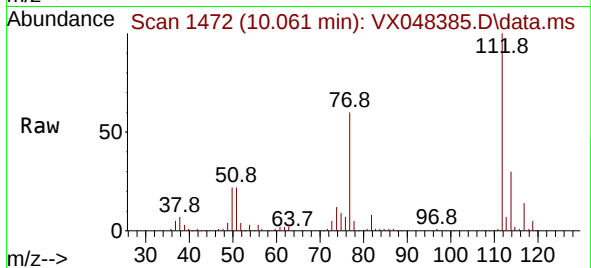
#65
Chlorobenzene
Concen: 18.364 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion:112 Resp: 9584
Ion Ratio Lower Upper
112 100
114 29.7 26.2 39.2

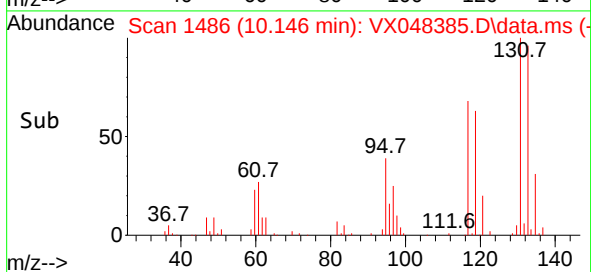
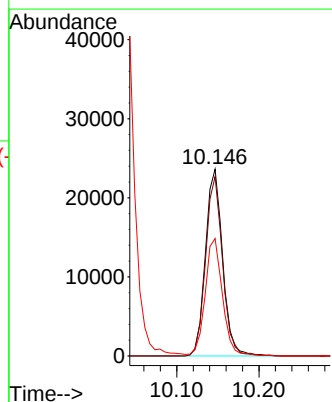
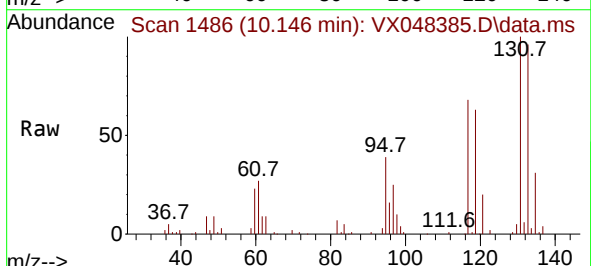
Manual Integrations
APPROVED

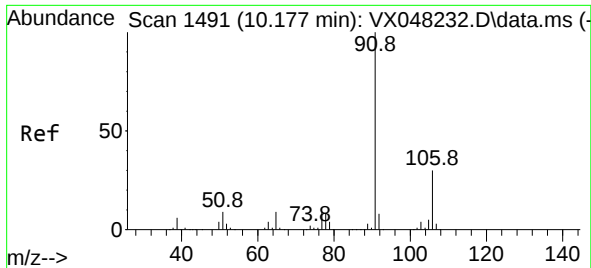
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.898 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

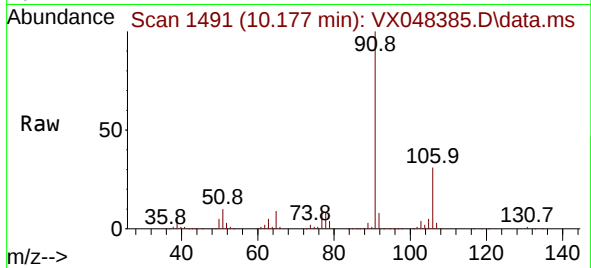
Tgt Ion:131 Resp: 34309
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.8
119 63.4 32.5 97.5





#67
Ethyl Benzene
Concen: 18.726 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

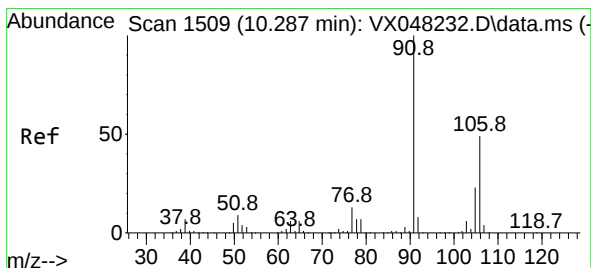
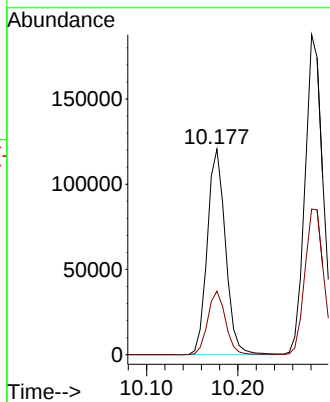
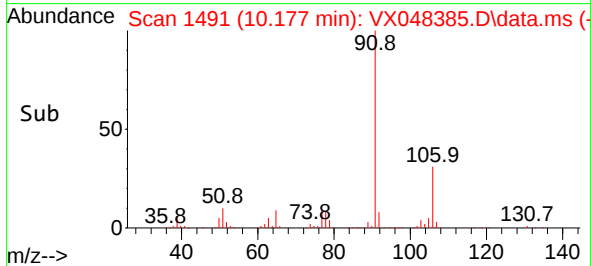
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



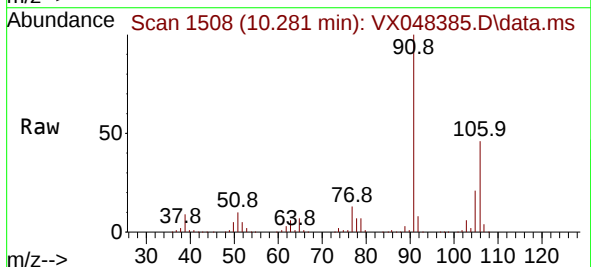
Tgt Ion: 91 Resp: 166397
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6

Manual Integrations
APPROVED

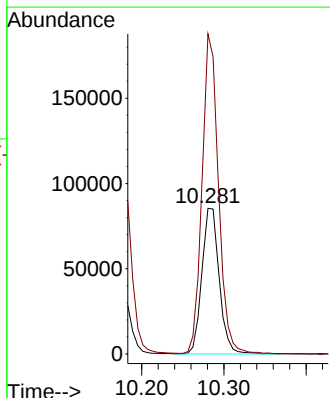
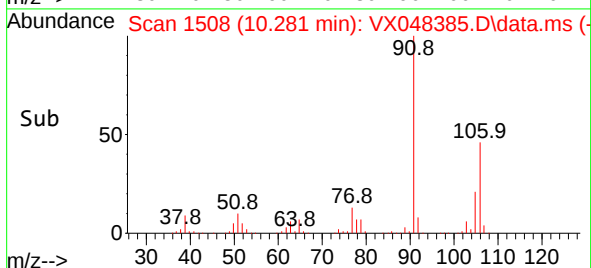
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

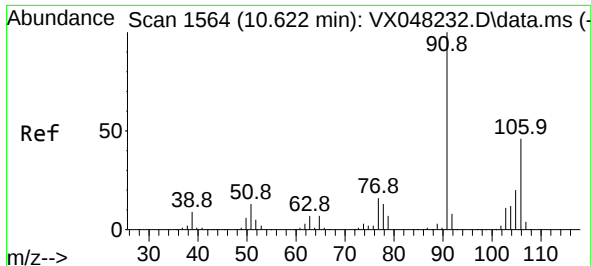


#68
m/p-Xylenes
Concen: 37.895 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



Tgt Ion:106 Resp: 125110
Ion Ratio Lower Upper
106 100
91 208.6 167.9 251.9





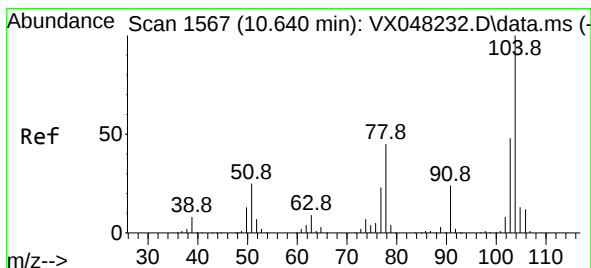
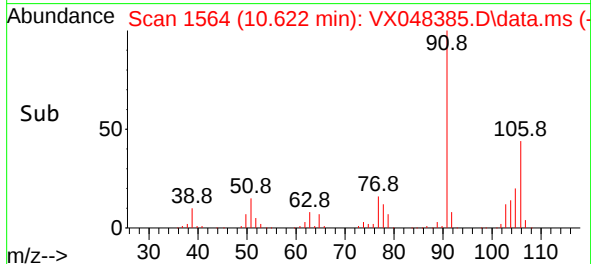
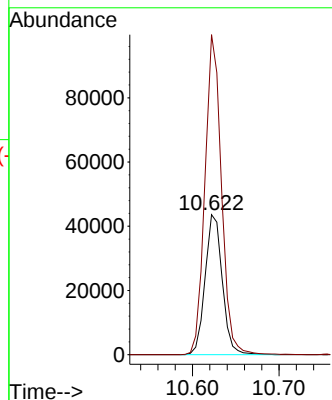
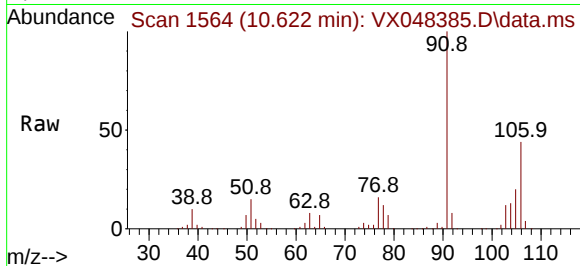
#69
o-Xylene
Concen: 18.835 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion:106 Resp: 6003
Ion Ratio Lower Upper
106 100
91 220.3 111.3 333.9

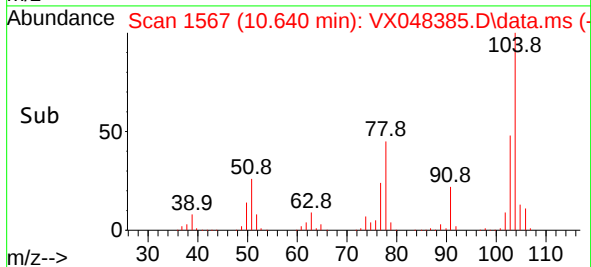
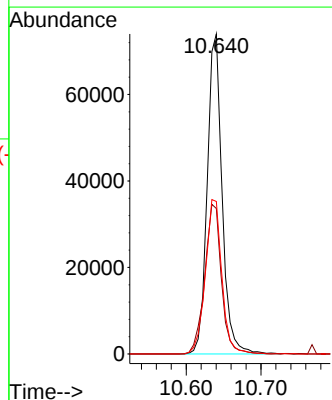
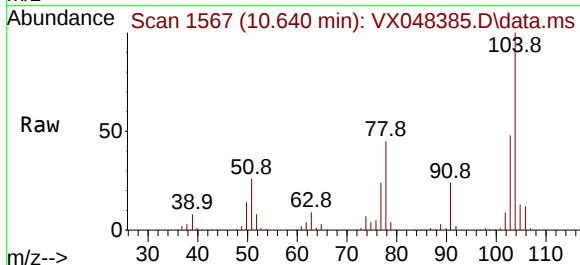
Manual Integrations
APPROVED

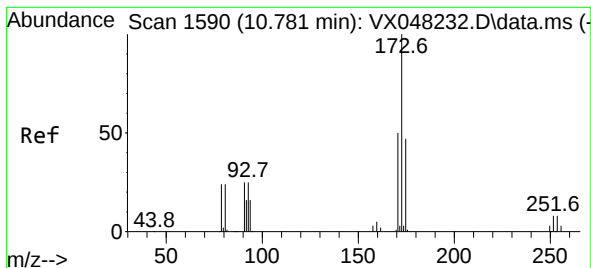
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#70
Styrene
Concen: 18.839 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion:104 Resp: 102246
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 53.4 43.0 64.4





#71

Bromoform

Concen: 15.600 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

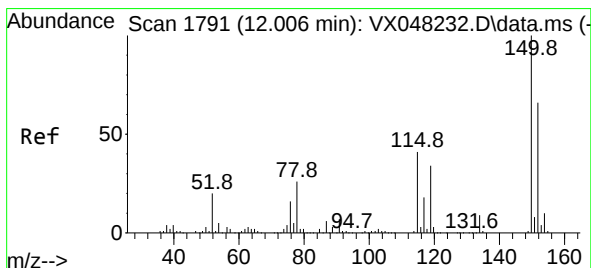
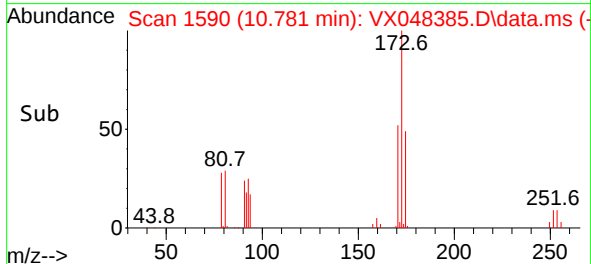
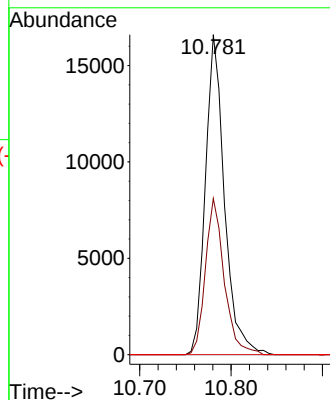
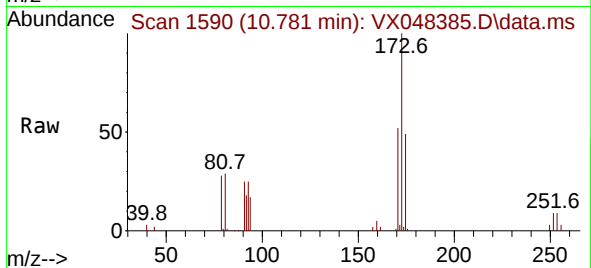
Tgt Ion:	173	Resp:	23900
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

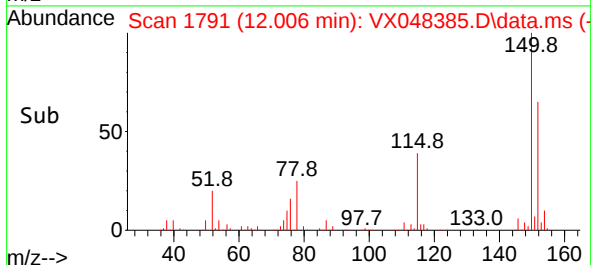
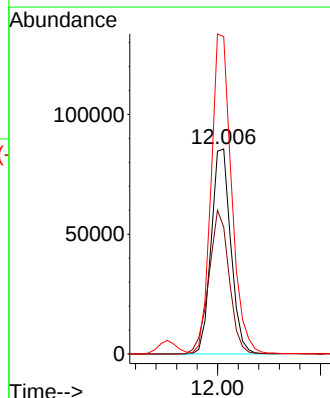
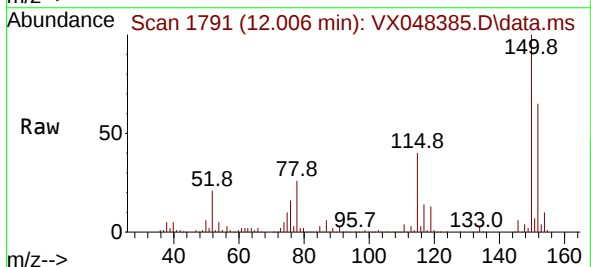
RT: 12.006 min Scan# 1791

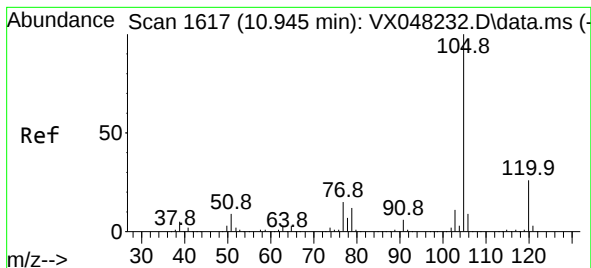
Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Tgt Ion:	152	Resp:	113255
Ion Ratio	Lower	Upper	
152	100		
115	72.5	43.1	129.4
150	162.7	0.0	353.0





#73

Isopropylbenzene

Concen: 19.236 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tgt Ion:105 Resp: 159124

Ion Ratio Lower Upper

105 100

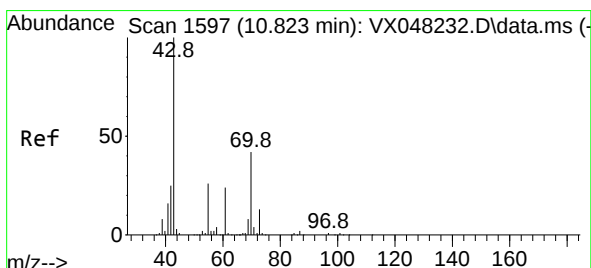
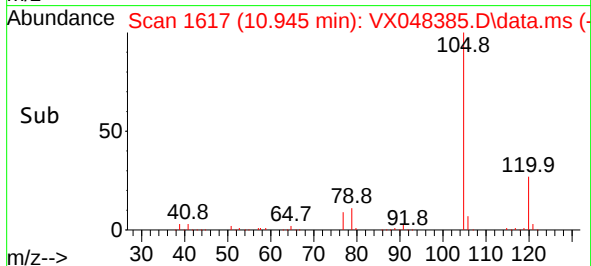
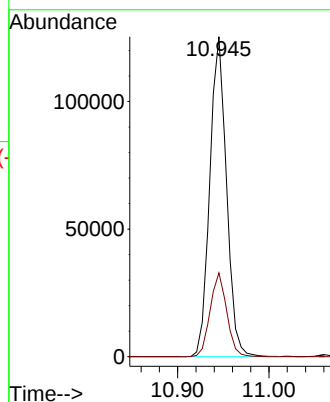
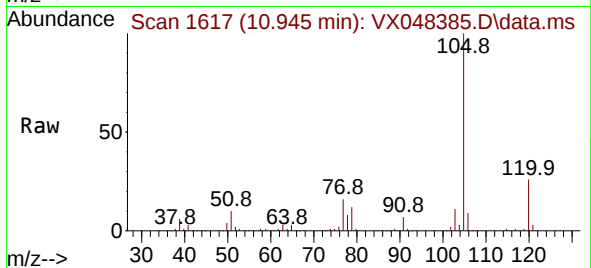
120 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#74

N-ethyl acetate

Concen: 19.500 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Tgt Ion: 43 Resp: 57217

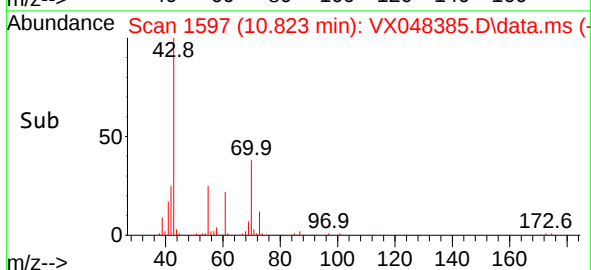
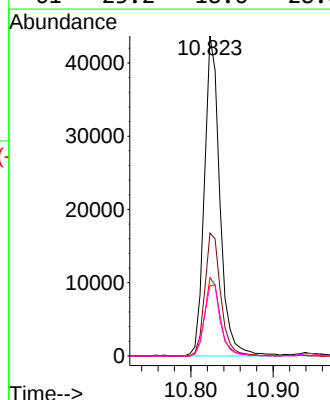
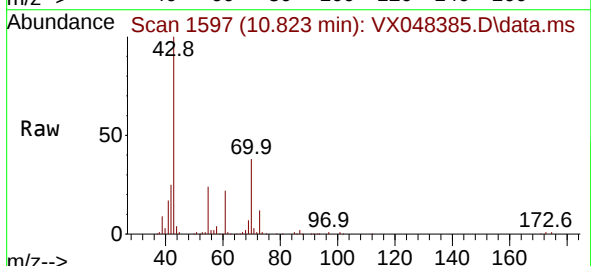
Ion Ratio Lower Upper

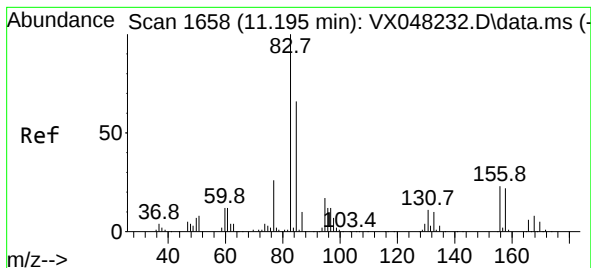
43 100

70 39.6 32.2 48.2

55 24.5 19.1 28.7

61 23.2 18.6 28.0





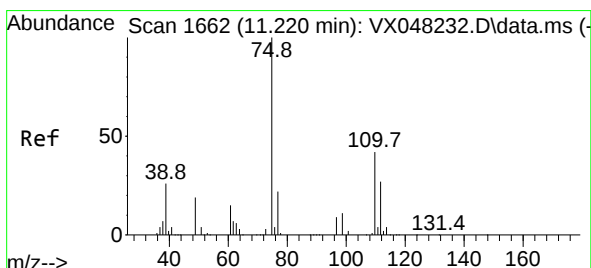
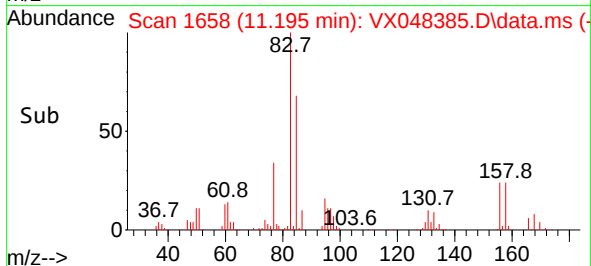
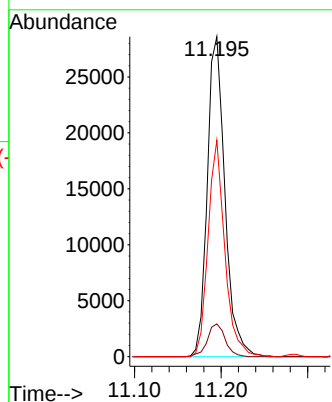
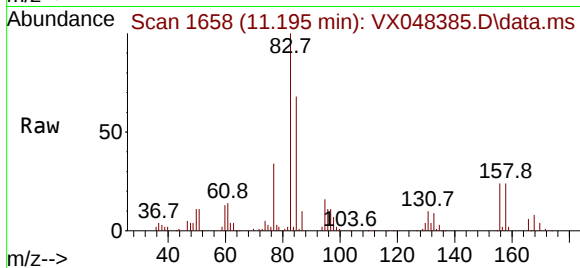
#75
1,1,2,2-Tetrachloroethane
Concen: 17.921 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion: 83 Resp: 40484
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 64.2 31.9 95.7

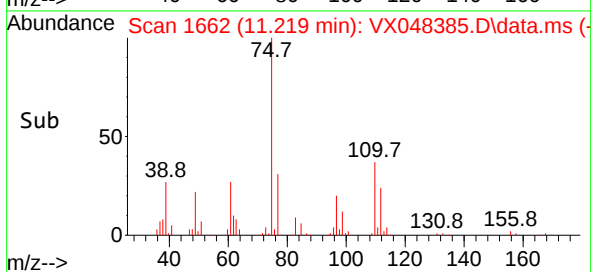
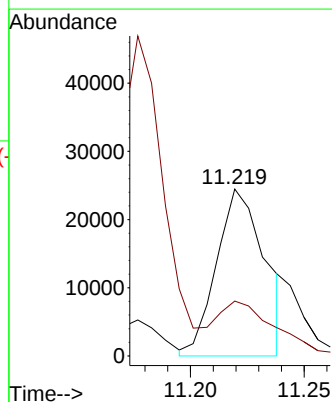
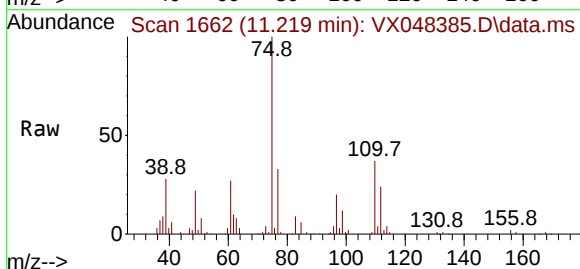
Manual Integrations
APPROVED

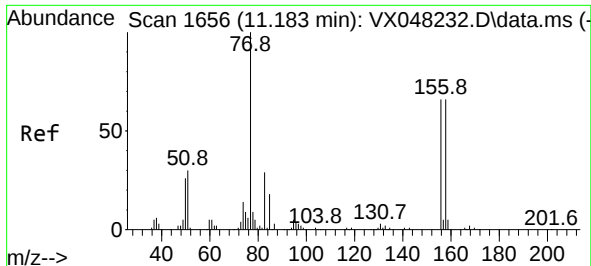
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#76
1,2,3-Trichloropropane
Concen: 19.659 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

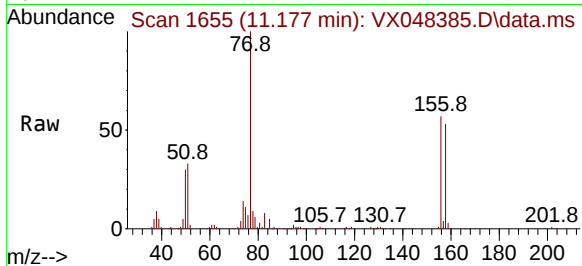
Tgt Ion: 75 Resp: 36106
Ion Ratio Lower Upper
75 100
77 38.0 22.4 67.2





#77
Bromobenzene
Concen: 18.092 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

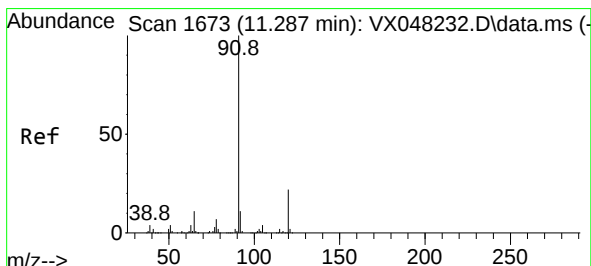
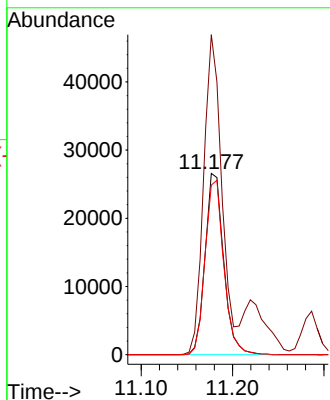
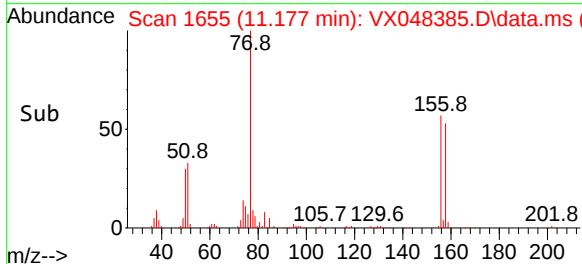
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



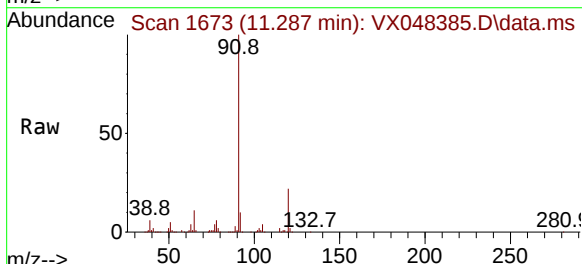
Tgt Ion:156 Resp: 37529
Ion Ratio Lower Upper
156 100
77 173.8 87.0 261.0
158 97.1 47.8 143.4

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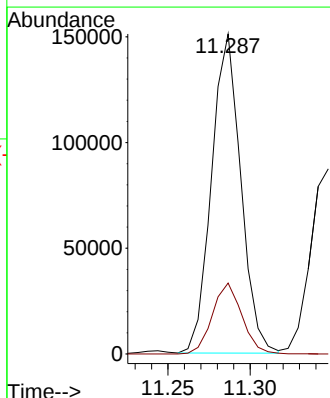
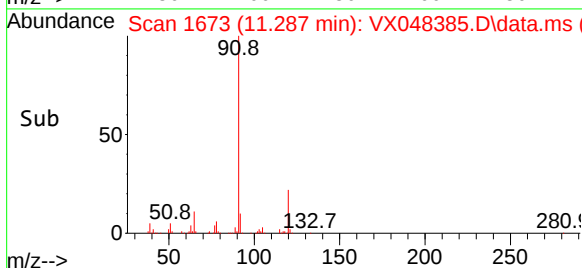
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

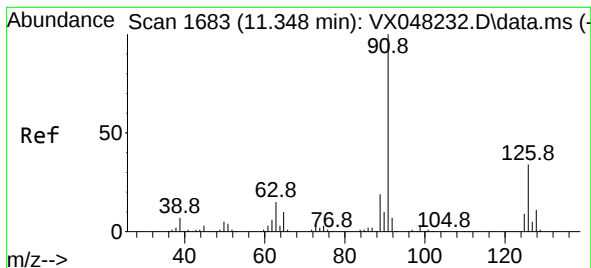


#78
n-propylbenzene
Concen: 19.529 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



Tgt Ion: 91 Resp: 187047
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





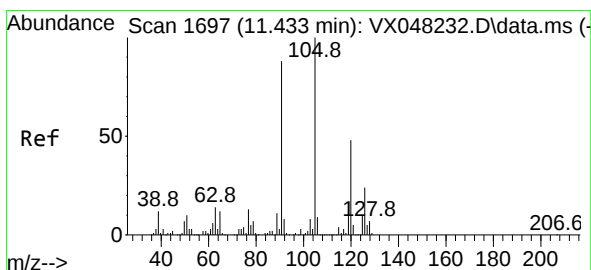
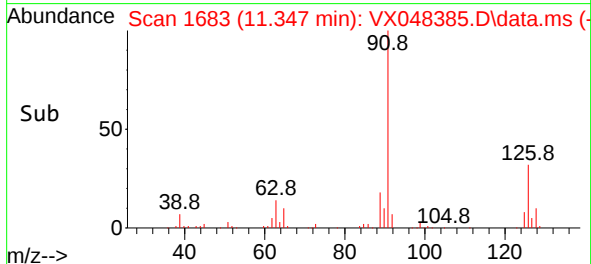
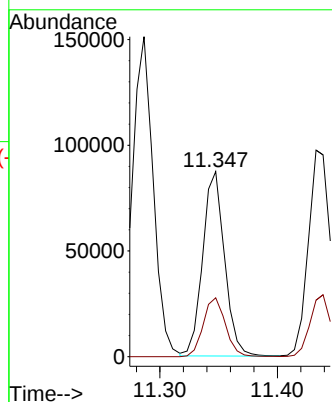
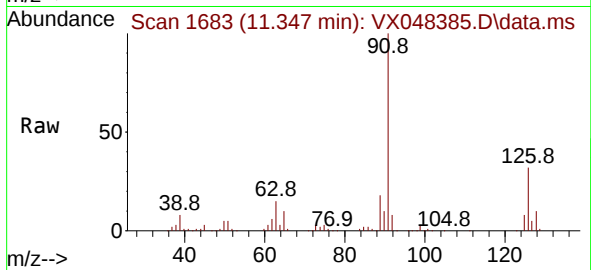
#79
2-Chlorotoluene
Concen: 19.423 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tgt Ion: 91 Resp: 112780
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

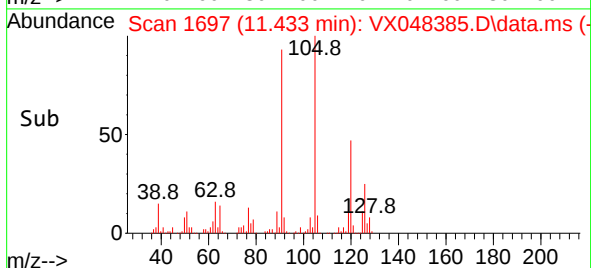
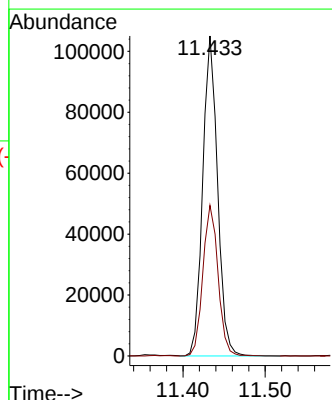
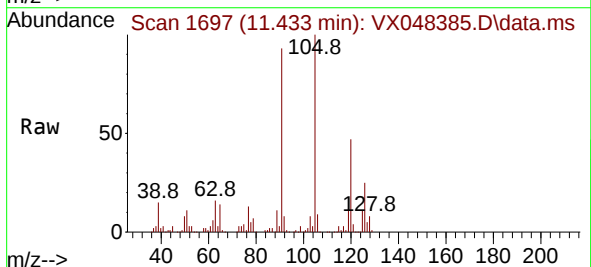
Manual Integrations
APPROVED

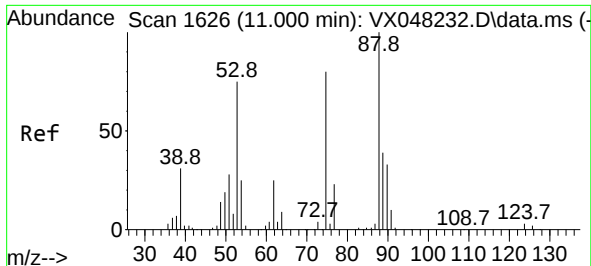
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.210 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

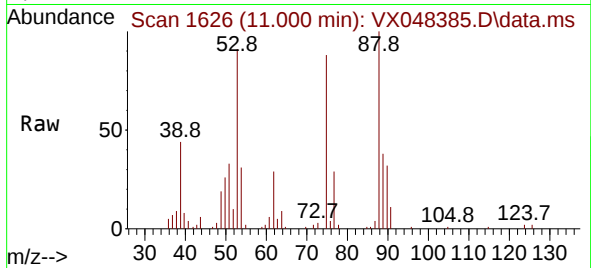
Tgt Ion:105 Resp: 131506
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 12.094 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

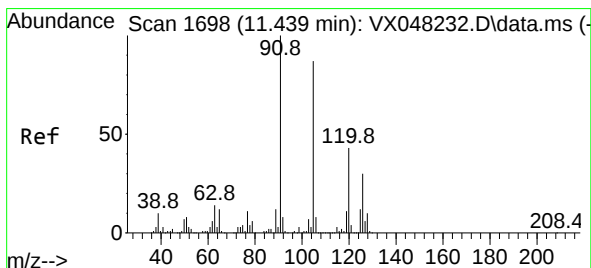
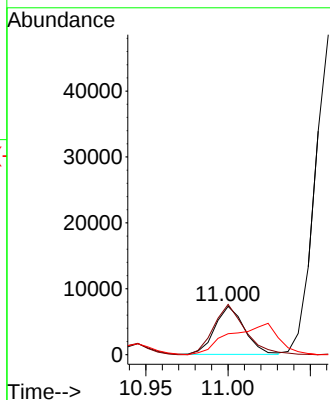
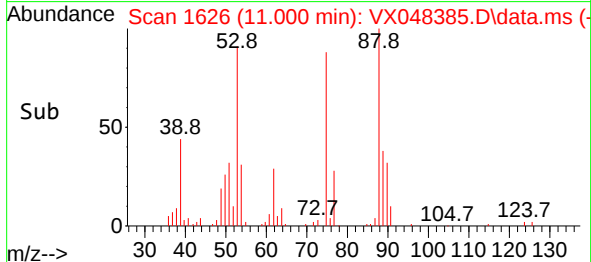
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



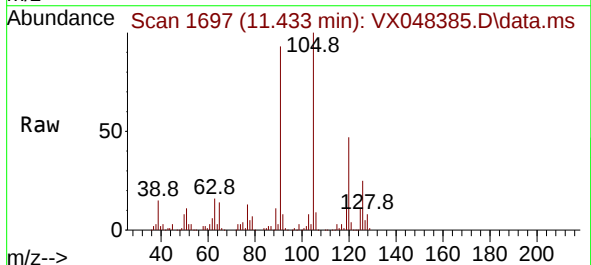
Tgt Ion: 75 Resp: 9130
Ion Ratio Lower Upper
75 100
53 111.7 79.5 119.3
89 0.0 36.8 55.2

Manual Integrations
APPROVED

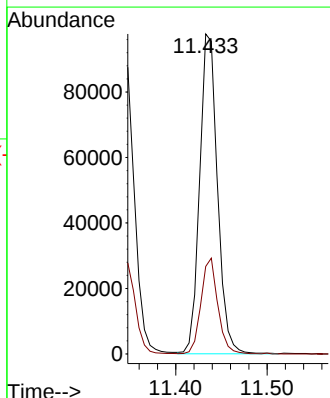
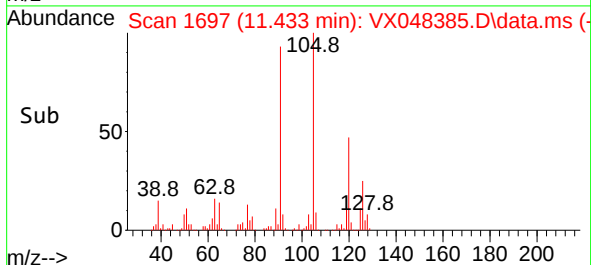
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

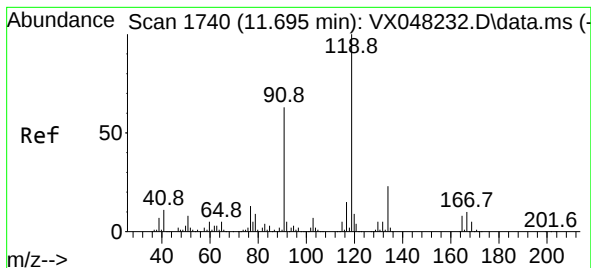


#82
4-Chlorotoluene
Concen: 19.129 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



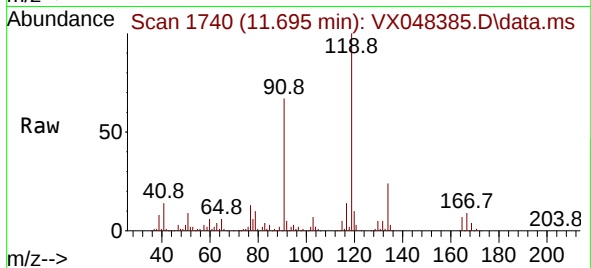
Tgt Ion: 91 Resp: 131861
Ion Ratio Lower Upper
91 100
126 28.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.767 ug/l
RT: 11.695 min Scan# 11740
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

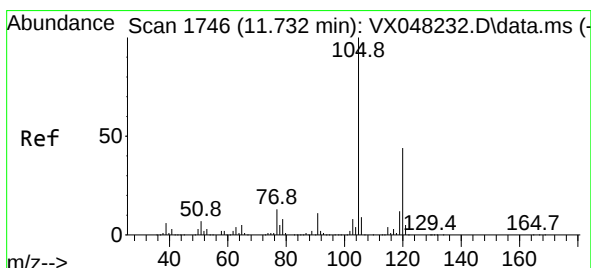
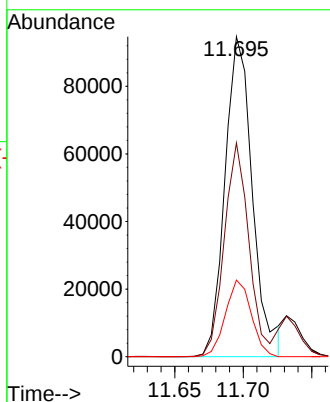
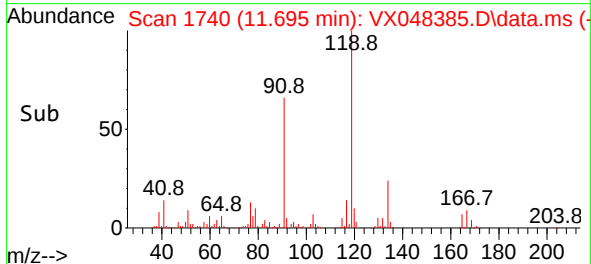
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



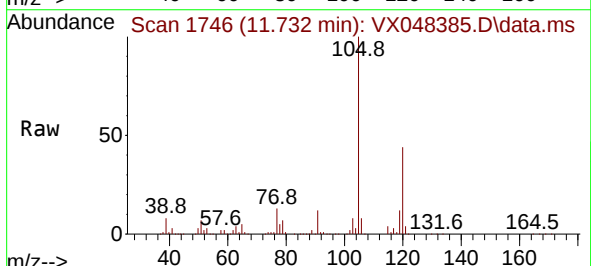
Tgt Ion:119 Resp: 132000
Ion Ratio Lower Upper
119 100
91 60.0 30.3 91.0
134 22.6 11.4 34.2

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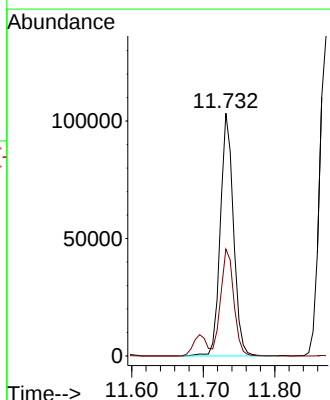
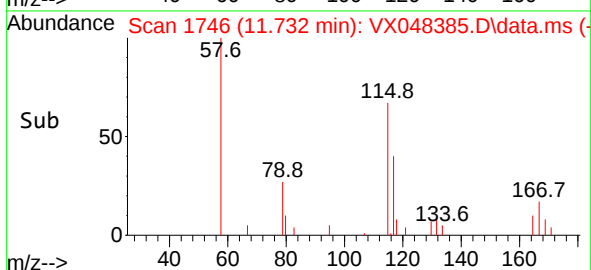
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.282 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



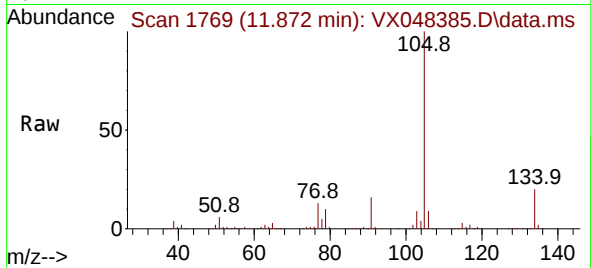
Tgt Ion:105 Resp: 131734
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 19.792 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048385.D
 Acq: 28 Oct 2025 09:53

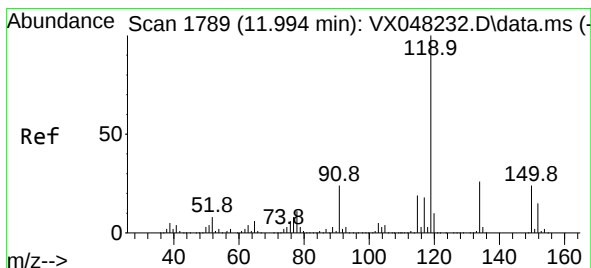
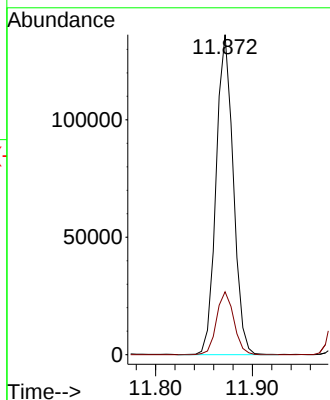
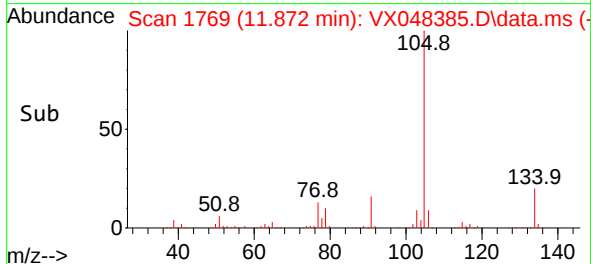
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01



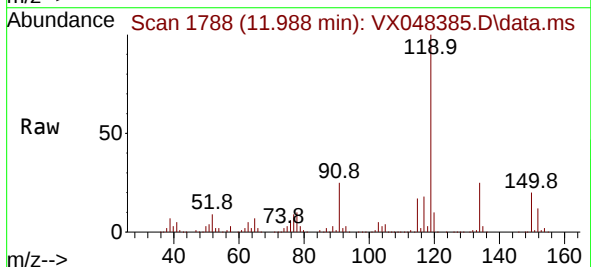
Tgt Ion:105 Resp: 167485
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

Manual Integrations
 APPROVED

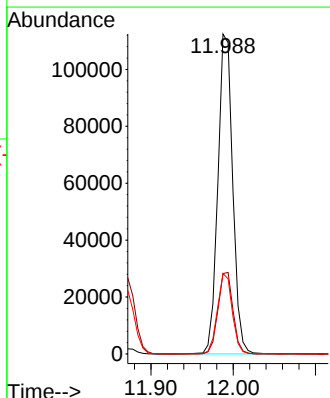
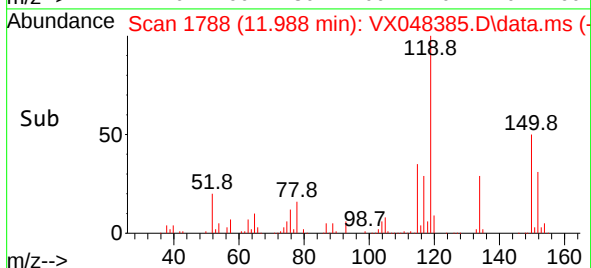
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

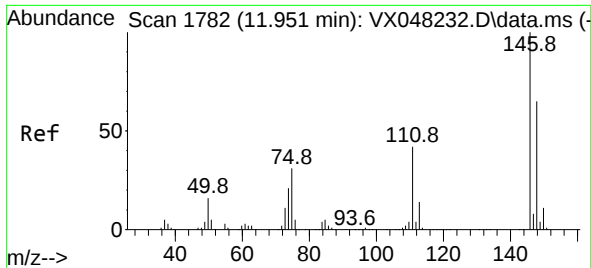


#86
 p-Isopropyltoluene
 Concen: 19.251 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048385.D
 Acq: 28 Oct 2025 09:53



Tgt Ion:119 Resp: 140805
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 17.919 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tgt Ion:146 Resp: 7068

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.2

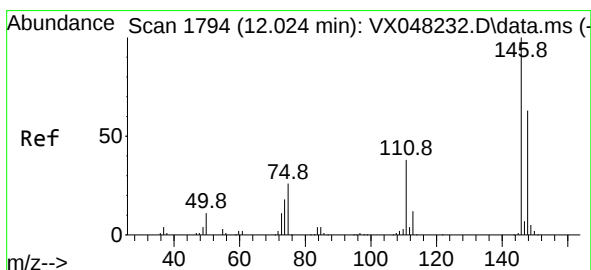
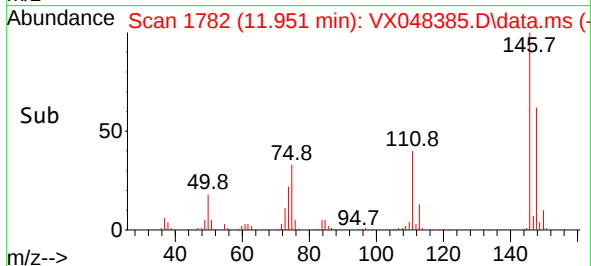
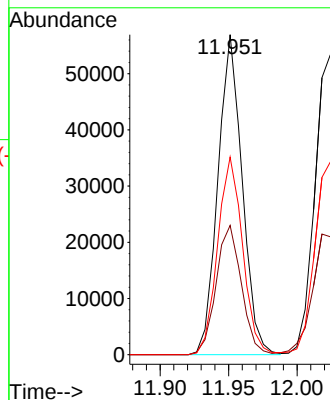
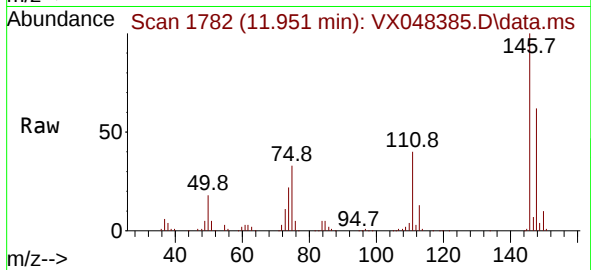
148 63.7 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#88

1,4-Dichlorobenzene

Concen: 17.442 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048385.D

Acq: 28 Oct 2025 09:53

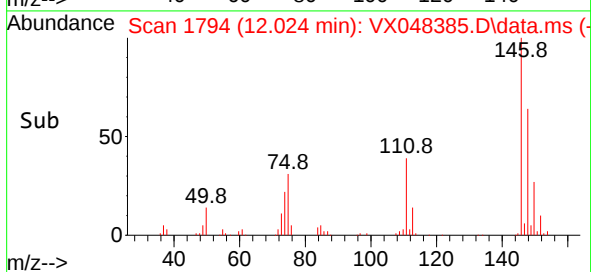
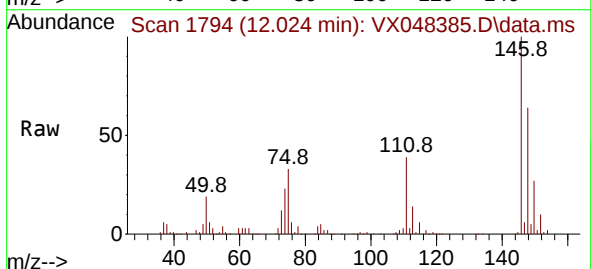
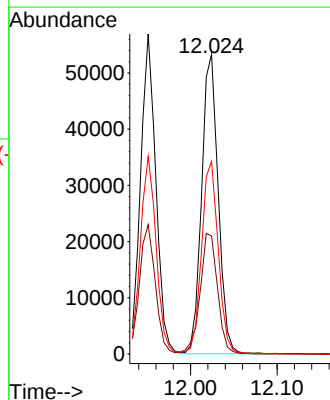
Tgt Ion:146 Resp: 70652

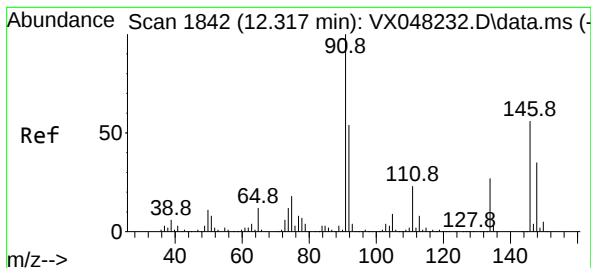
Ion Ratio Lower Upper

146 100

111 42.6 20.1 60.2

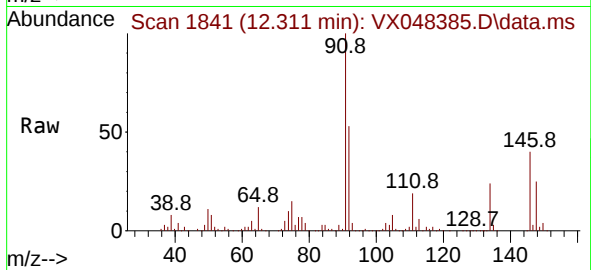
148 64.5 31.8 95.3





#89
n-Butylbenzene
Concen: 19.259 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

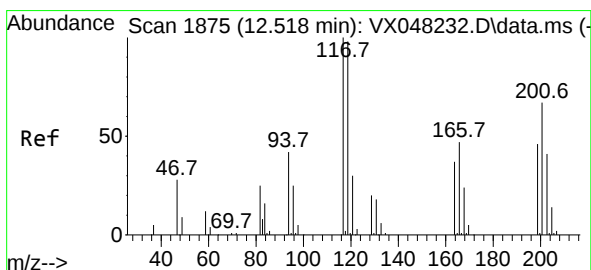
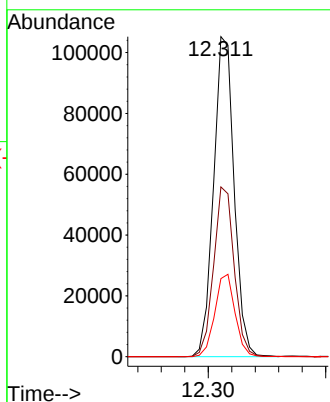
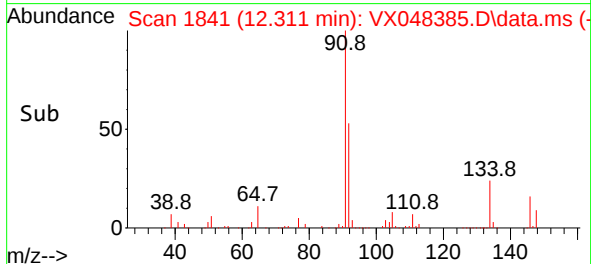
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion: 91 Resp: 12821
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.6
134 25.3 12.7 38.1

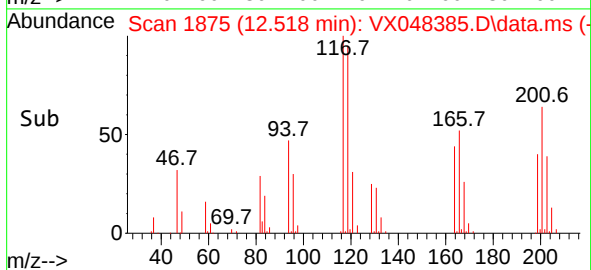
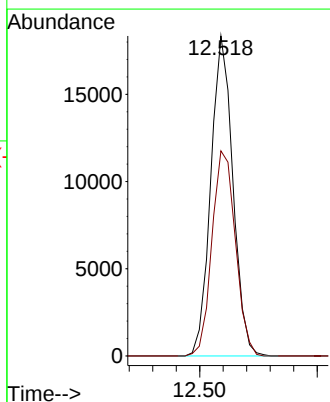
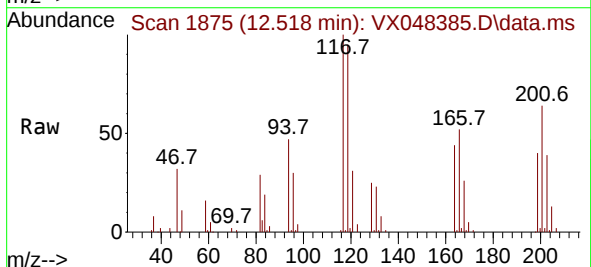
Manual Integrations
APPROVED

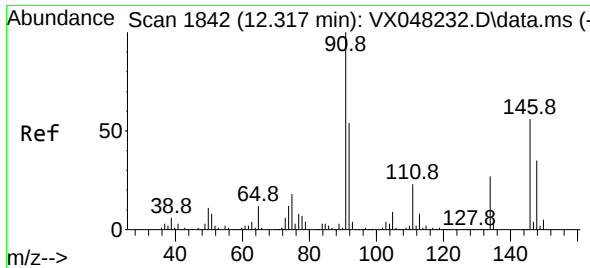
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#90
Hexachloroethane
Concen: 16.602 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

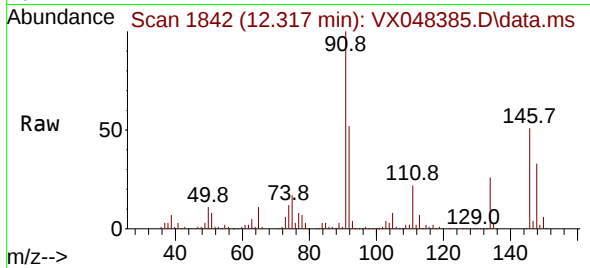
Tgt Ion:117 Resp: 23980
Ion Ratio Lower Upper
117 100
201 68.1 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 18.013 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

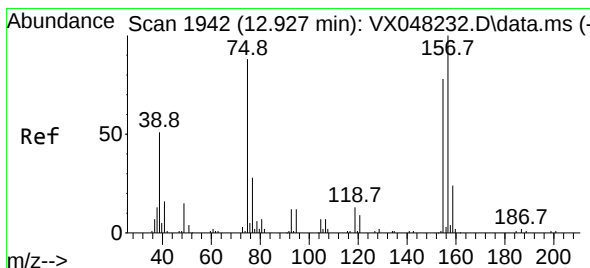
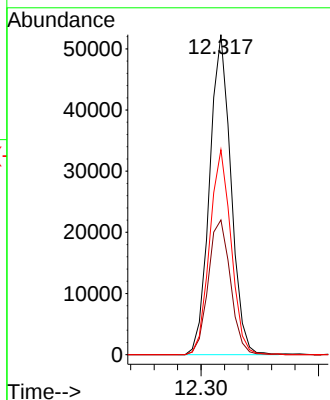
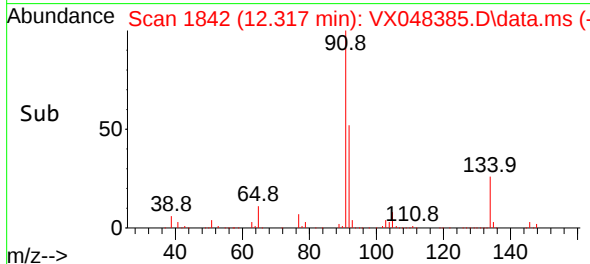
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



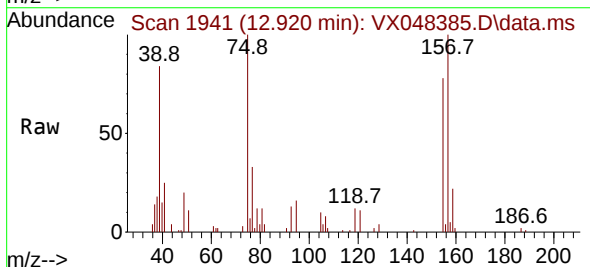
Tgt Ion:146 Resp: 66129
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 64.1 31.9 95.5

Manual Integrations
APPROVED

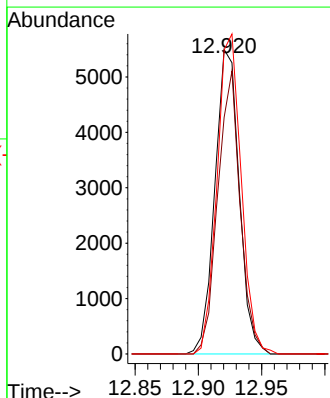
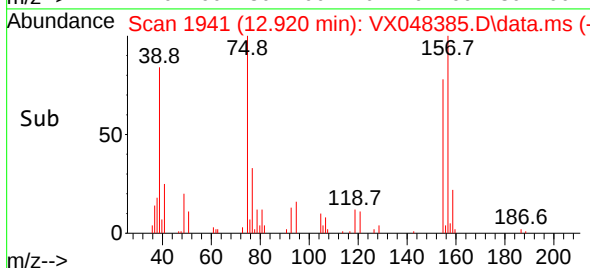
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.992 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



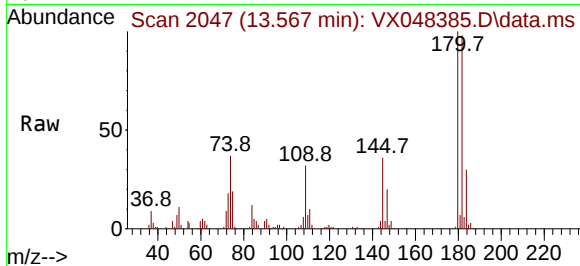
Tgt Ion: 75 Resp: 7333
Ion Ratio Lower Upper
75 100
155 85.8 42.8 128.4
157 104.4 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 16.830 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

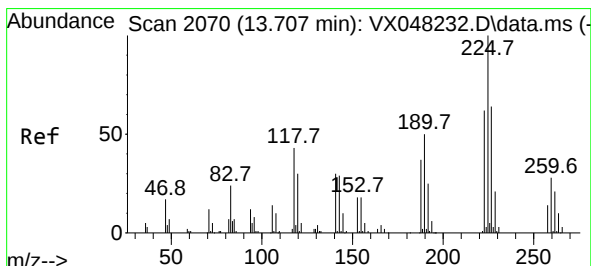
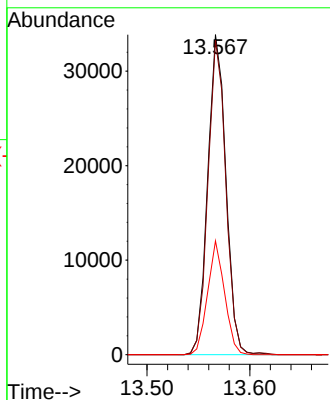
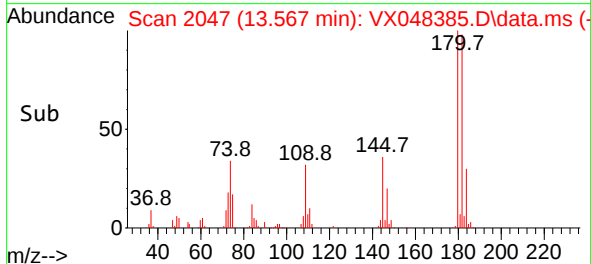
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



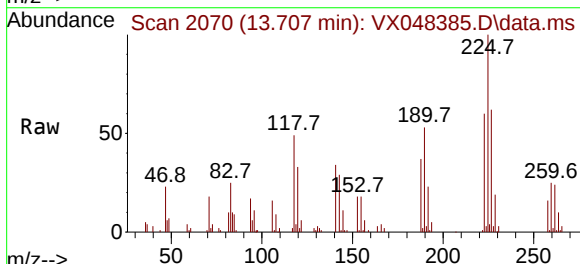
Tgt Ion:180 Resp: 4178
Ion Ratio Lower Upper
180 100
182 96.6 47.3 142.0
145 33.2 16.3 48.9

Manual Integrations
APPROVED

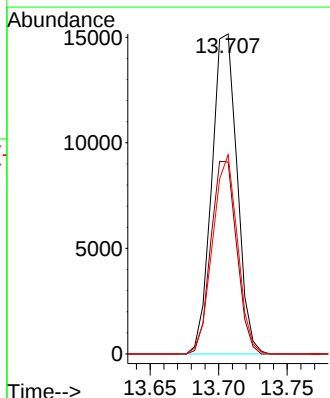
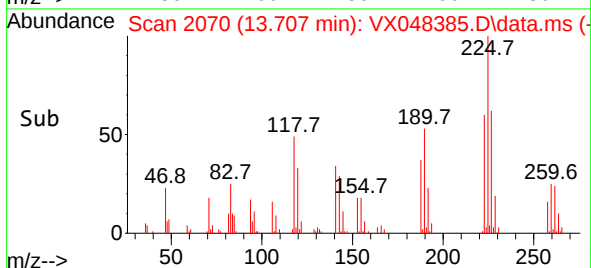
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

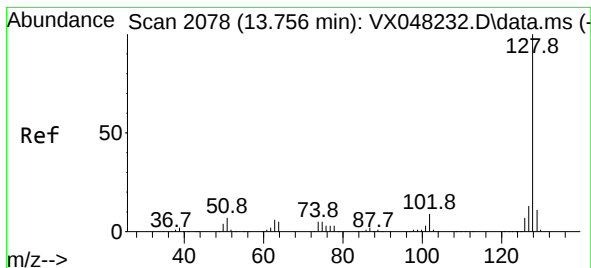


#94
Hexachlorobutadiene
Concen: 20.986 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53



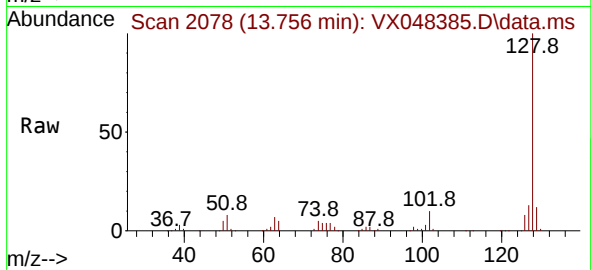
Tgt Ion:225 Resp: 19488
Ion Ratio Lower Upper
225 100
223 61.2 32.6 97.7
227 61.3 32.5 97.4





#95
Naphthalene
Concen: 16.910 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

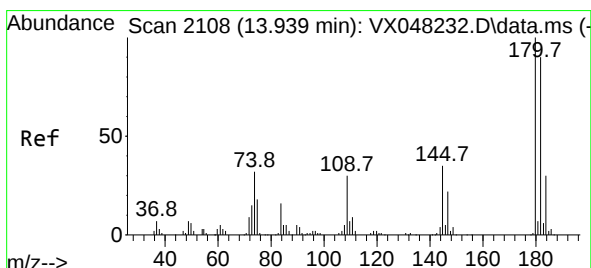
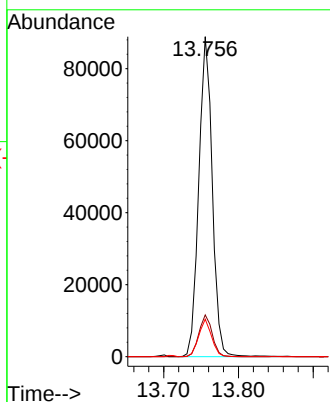
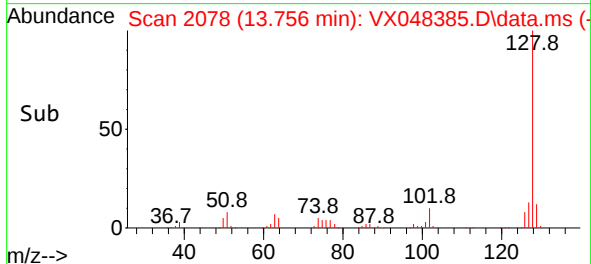
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01



Tgt Ion:128 Resp: 111230
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.833 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048385.D
Acq: 28 Oct 2025 09:53

Tgt Ion:180 Resp: 40628
Ion Ratio Lower Upper
180 100
182 94.1 46.6 139.7
145 33.9 16.9 50.7

