

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048150.D
 Acq On : 13 Oct 2025 17:54
 Operator : JC/MD
 Sample : Q3311-04MSD 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MSD

Quant Time: Oct 14 01:59:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/14/2025
 Supervised By : Mahesh Dadoda 10/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	124727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	212758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	193365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	100768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97775	49.249	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.500%		
35) Dibromofluoromethane	5.379	113	78908	55.301	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.600%		
50) Toluene-d8	8.634	98	263397	53.349	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.700%		
62) 4-Bromofluorobenzene	11.067	95	103303	55.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	82423	63.816	ug/l	99
3) Chloromethane	1.300	50	96150	56.643	ug/l	99
4) Vinyl Chloride	1.380	62	104331	62.788	ug/l	98
5) Bromomethane	1.611	94	66716	63.318	ug/l	99
6) Chloroethane	1.691	64	66876	60.217	ug/l	99
7) Trichlorofluoromethane	1.898	101	161117	65.304	ug/l	98
8) Diethyl Ether	2.136	74	56277	55.761	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	91196	63.215	ug/l	98
10) Methyl Iodide	2.459	142	118123	52.501	ug/l	98
11) Tert butyl alcohol	2.946	59	54235	245.281	ug/l	99
12) 1,1-Dichloroethene	2.325	96	90693	61.201	ug/l	96
13) Acrolein	2.239	56	61483	301.742	ug/l	99
14) Allyl chloride	2.666	41	162423	53.116	ug/l	98
15) Acrylonitrile	3.056	53	224969	274.681	ug/l	99
16) Acetone	2.373	43	172689	200.049	ug/l	98
17) Carbon Disulfide	2.520	76	264830	65.280	ug/l	98
18) Methyl Acetate	2.703	43	96268	50.110	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	294522	54.445	ug/l	100
20) Methylene Chloride	2.788	84	102050	55.850	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	95912	60.117	ug/l	98
22) Diisopropyl ether	3.751	45	330378	55.747	ug/l #	81
23) Vinyl Acetate	3.715	43	1293123	272.632	ug/l	100
24) 1,1-Dichloroethane	3.605	63	181639	57.665	ug/l	99
25) 2-Butanone	4.538	43	262478	243.764	ug/l	98
26) 2,2-Dichloropropane	4.471	77	135947	51.920	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	112705	57.683	ug/l	97
28) Bromochloromethane	4.885	49	76000	55.267	ug/l	100
29) Tetrahydrofuran	4.995	42	169667	261.928	ug/l	99
30) Chloroform	5.080	83	183937	57.786	ug/l	99
31) Cyclohexane	5.464	56	157004	59.846	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	163496	60.556	ug/l	100
36) 1,1-Dichloropropene	5.684	75	126333	60.591	ug/l	99
37) Ethyl Acetate	4.696	43	121463	54.408	ug/l	98
38) Carbon Tetrachloride	5.665	117	141184	62.322	ug/l	98
39) Methylcyclohexane	7.366	83	153807	64.987	ug/l	98
40) Benzene	6.025	78	384920	60.783	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	63211	54.847	ug/l	98
42) 1,2-Dichloroethane	6.074	62	140096	58.143	ug/l	99
43) Isopropyl Acetate	6.324	43	200360	54.723	ug/l	99
44) Trichloroethene	7.116	130	96628	63.114	ug/l	95
45) 1,2-Dichloropropane	7.421	63	98610	60.812	ug/l	99
46) Dibromomethane	7.568	93	71548	60.633	ug/l	99
47) Bromodichloromethane	7.805	83	146859	60.311	ug/l	97
48) Methyl methacrylate	7.677	41	99676	54.654	ug/l	96
49) 1,4-Dioxane	7.647	88	23336	1266.131	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	573851	282.685	ug/l	99
52) Toluene	8.702	92	240647	61.680	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	145491	58.577	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	157385	59.285	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	90491	60.150	ug/l	100
56) Ethyl methacrylate	9.104	69	136501	57.775	ug/l	99
57) 1,3-Dichloropropane	9.293	76	157547	60.962	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	351130	306.569	ug/l	99
59) 2-Hexanone	9.415	43	394286	270.437	ug/l	99
60) Dibromochloromethane	9.506	129	108681	62.697	ug/l	100
61) 1,2-Dibromoethane	9.592	107	95096	62.060	ug/l	99
64) Tetrachloroethene	9.256	164	84196	66.794	ug/l	97
65) Chlorobenzene	10.061	112	262674	59.795	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	93396	61.612	ug/l	99
67) Ethyl Benzene	10.177	91	459401	60.610	ug/l	99
68) m/p-Xylenes	10.287	106	349338	123.827	ug/l	99
69) o-Xylene	10.628	106	165824	60.769	ug/l	99
70) Styrene	10.640	104	285392	59.689	ug/l	99
71) Bromoform	10.780	173	69096	61.045	ug/l #	98
73) Isopropylbenzene	10.945	105	432805	56.494	ug/l	99
74) N-amyl acetate	10.829	43	177346	50.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	123627	53.337	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	110939m	54.376	ug/l	
77) Bromobenzene	11.183	156	103490	54.848	ug/l	98
78) n-propylbenzene	11.286	91	521035	57.533	ug/l	100
79) 2-Chlorotoluene	11.347	91	304394	54.878	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	358655	56.982	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	39030	48.785	ug/l	98
82) 4-Chlorotoluene	11.439	91	361484	55.180	ug/l	99
83) tert-Butylbenzene	11.695	119	352610	54.726	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	362030	56.733	ug/l	100
85) sec-Butylbenzene	11.872	105	442370	57.801	ug/l	100
86) p-Isopropyltoluene	11.994	119	371532	57.342	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	192709	54.986	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	193816	53.883	ug/l	99
89) n-Butylbenzene	12.317	91	347054	57.888	ug/l	98
90) Hexachloroethane	12.518	117	68315	60.054	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	183044	54.821	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	23852	50.827	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	116110	53.507	ug/l	98
94) Hexachlorobutadiene	13.707	225	43790	59.410	ug/l	99
95) Naphthalene	13.756	128	345316	52.259	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	108861	53.930	ug/l	98

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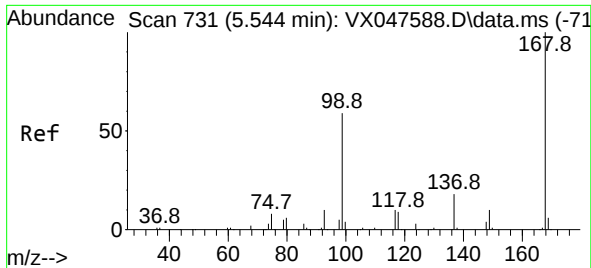
Manual Integrations
APPROVED

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QLast Update : Wed Sep 17 06:39:58 2025
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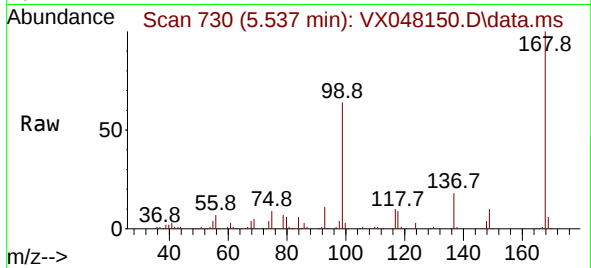
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
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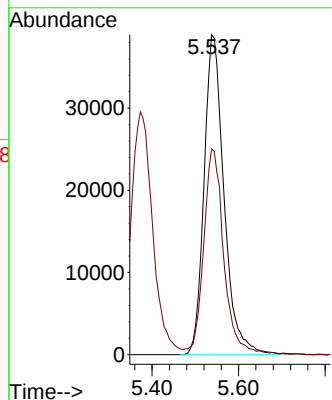
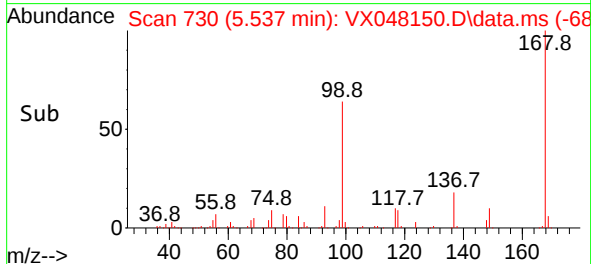
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:168 Resp: 12472
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2

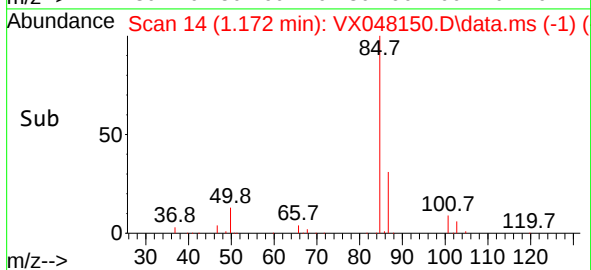
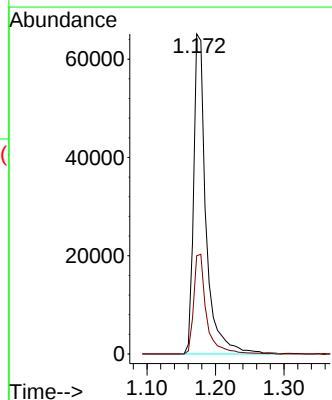
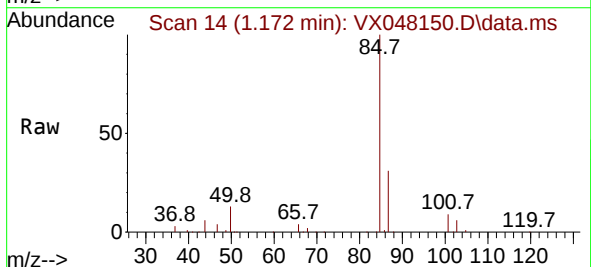
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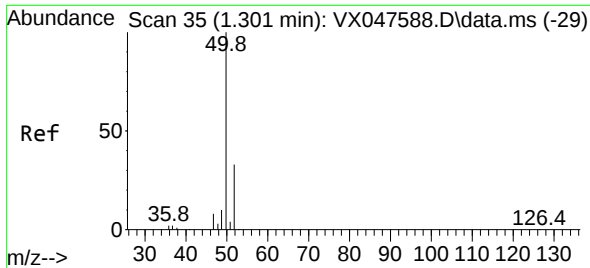
Reviewed By :John Carlone 10/14/2025
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#2
Dichlorodifluoromethane
Concen: 63.816 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

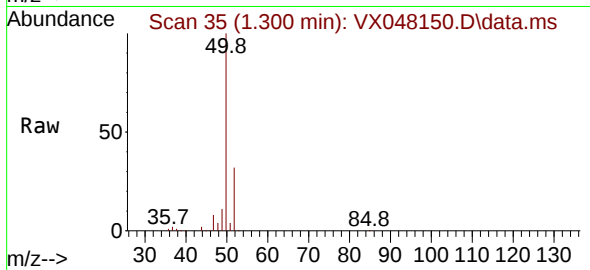
Tgt Ion: 85 Resp: 82423
Ion Ratio Lower Upper
85 100
87 30.7 15.8 47.3





#3
Chloromethane
Concen: 56.643 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

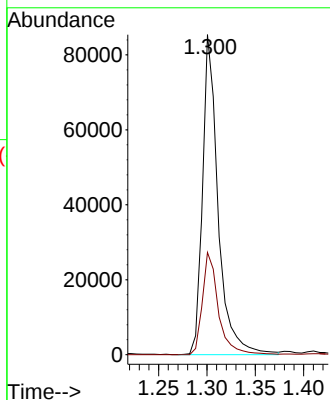
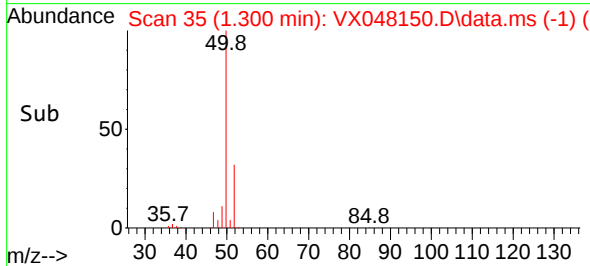
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 50 Resp: 96150
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

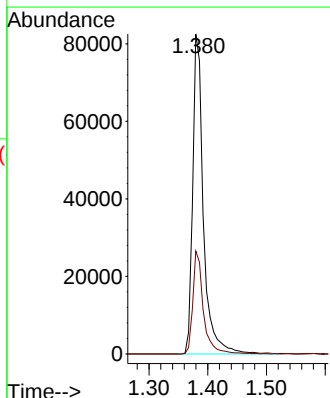
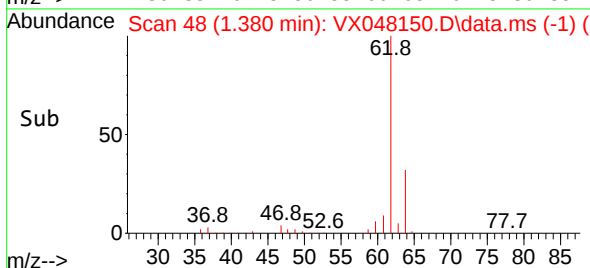
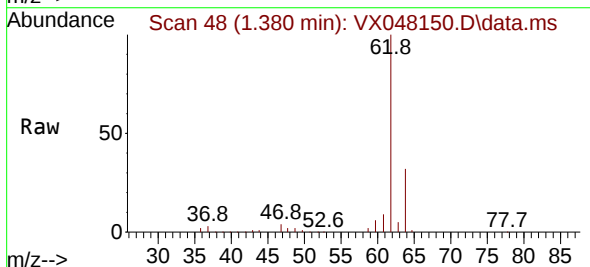
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#4
Vinyl Chloride
Concen: 62.788 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

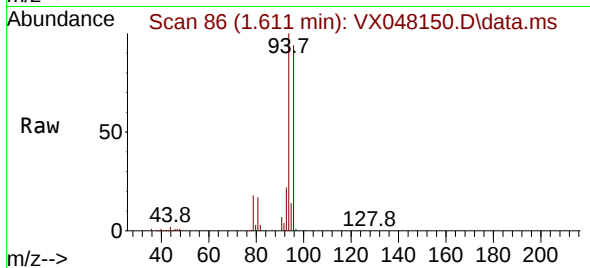
Tgt Ion: 62 Resp: 104331
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3





#5
Bromomethane
Concen: 63.318 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048150.D
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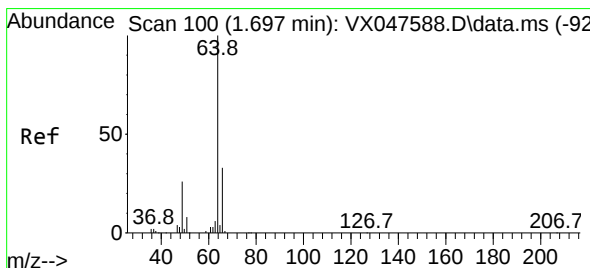
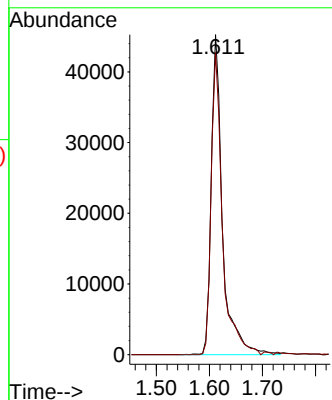
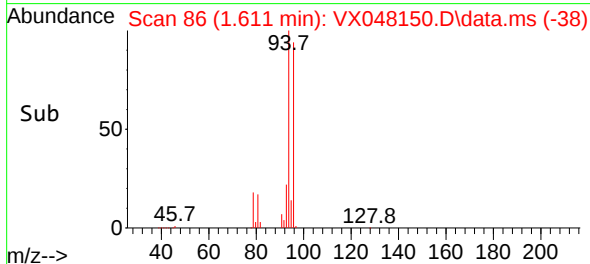
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 94 Resp: 66710
Ion Ratio Lower Upper
94 100
96 94.4 76.6 115.0

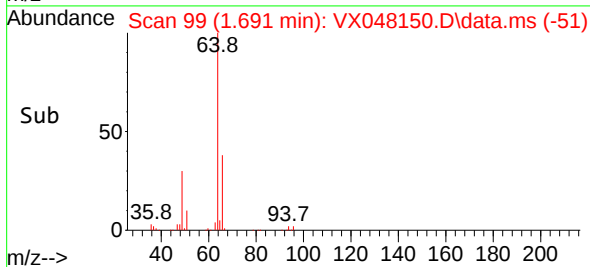
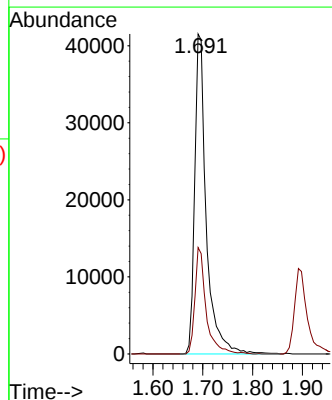
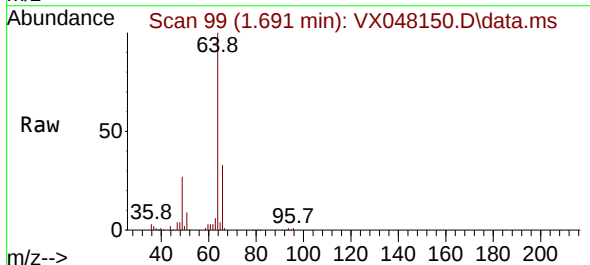
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#6
Chloroethane
Concen: 60.217 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

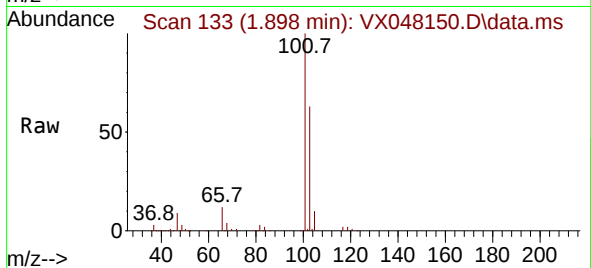
Tgt Ion: 64 Resp: 66876
Ion Ratio Lower Upper
64 100
66 33.3 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 65.304 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048150.D
 Acq: 13 Oct 2025 17:54

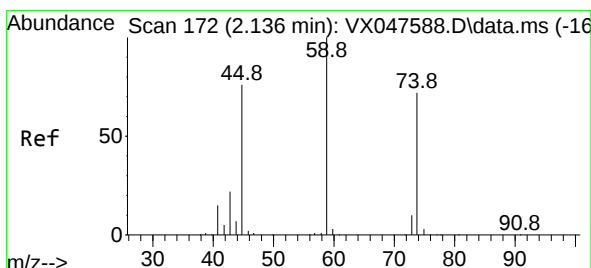
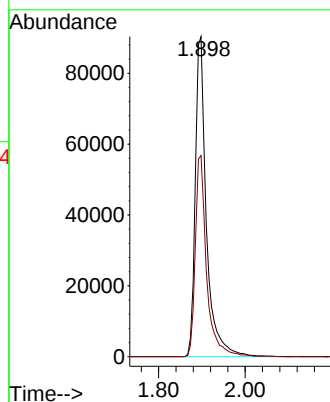
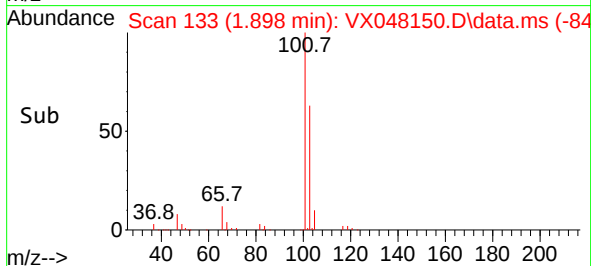
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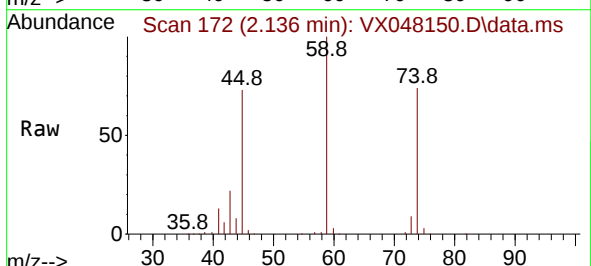
Tgt Ion:101 Resp: 16111
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.2

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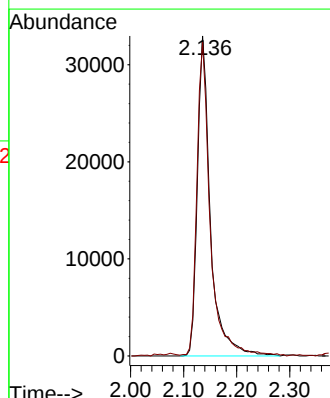
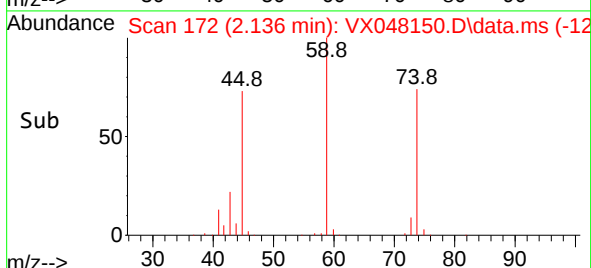
Reviewed By :John Carlone 10/14/2025
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#8
 Diethyl Ether
 Concen: 55.761 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048150.D
 Acq: 13 Oct 2025 17:54



Tgt Ion: 74 Resp: 56277
 Ion Ratio Lower Upper
 74 100
 45 100.4 52.3 156.8





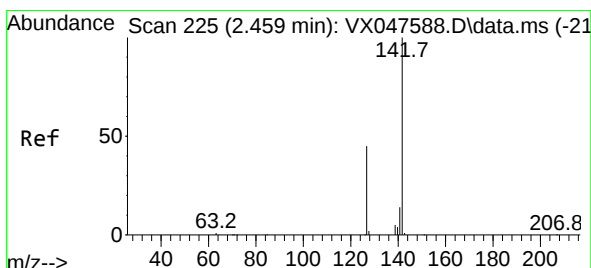
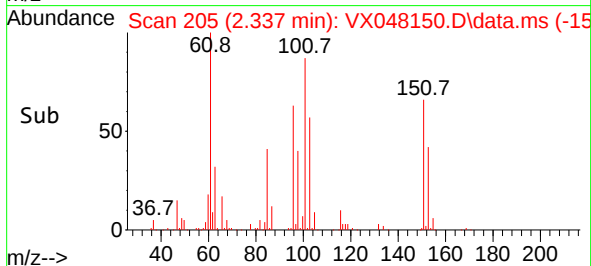
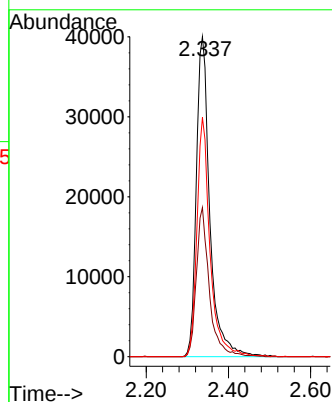
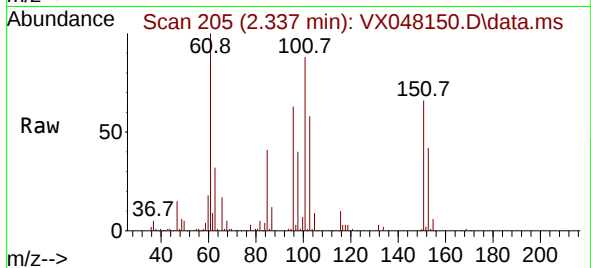
#9
1,1,2-Trichlorotrifluoroethane
Concen: 63.215 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048150.D
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Instrument :
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ClientSampleId :
MW-219MSD

Tgt Ion:101 Resp: 91190
Ion Ratio Lower Upper
101 100
85 45.0 35.5 53.3
151 72.5 59.4 89.0

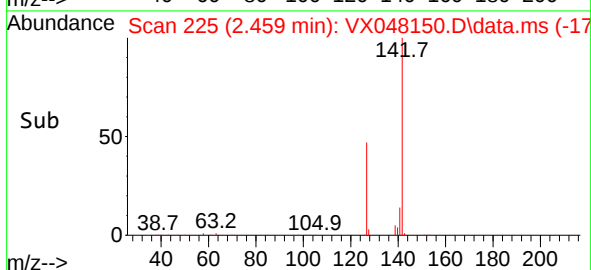
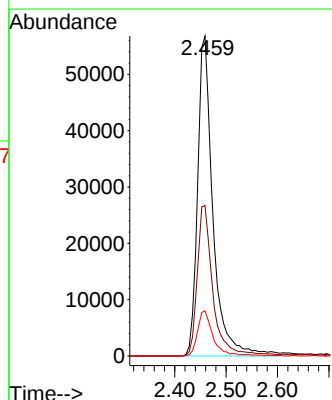
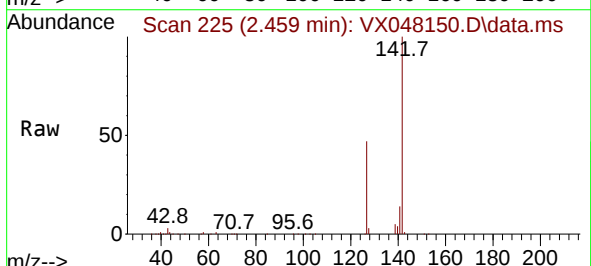
Manual Integrations
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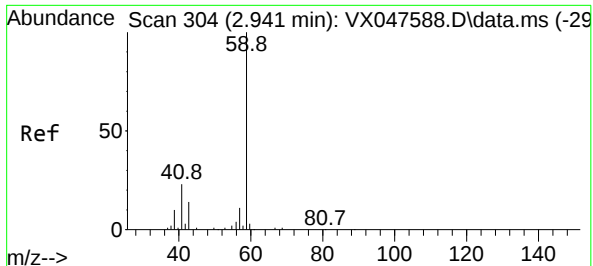
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#10
Methyl Iodide
Concen: 52.501 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion:142 Resp: 118123
Ion Ratio Lower Upper
142 100
127 47.8 37.2 55.8
141 14.4 11.4 17.0





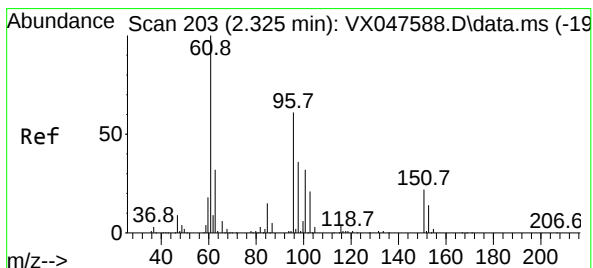
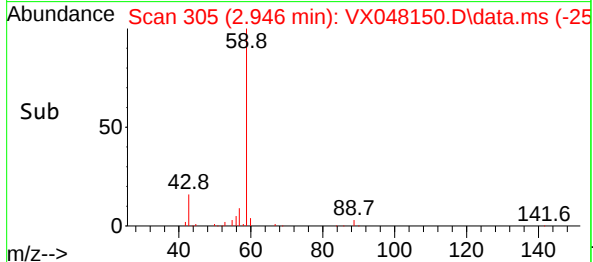
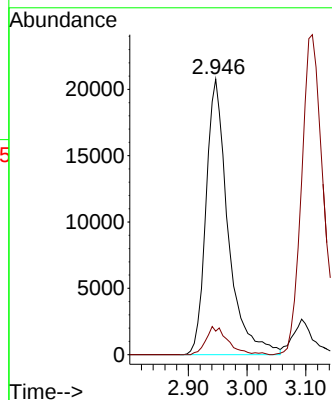
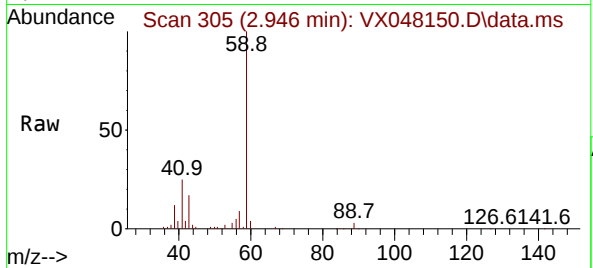
#11
Tert butyl alcohol
Concen: 245.281 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 59 Resp: 5423
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

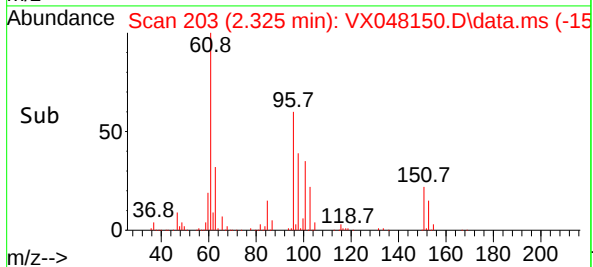
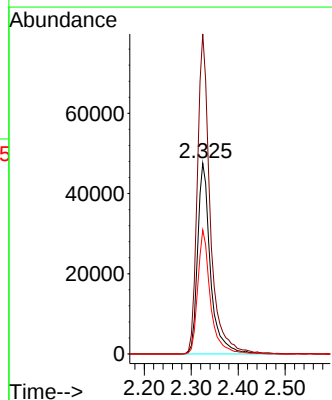
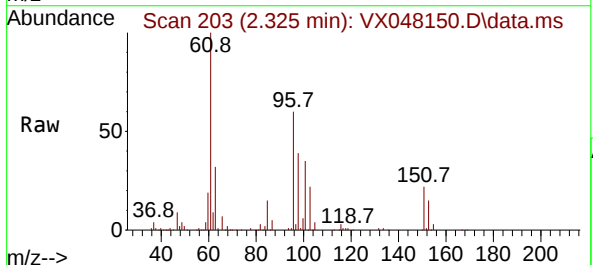
Manual Integrations
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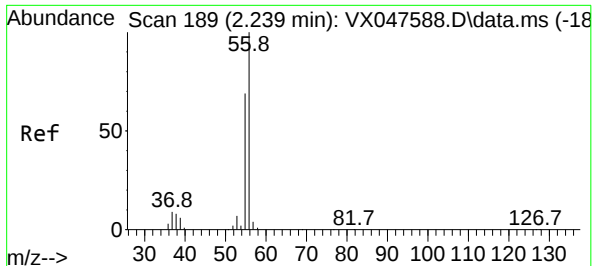
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#12
1,1-Dichloroethene
Concen: 61.201 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

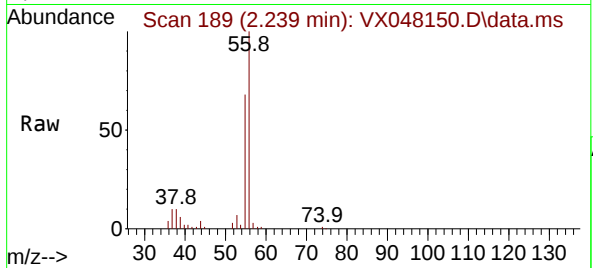
Tgt Ion: 96 Resp: 90693
Ion Ratio Lower Upper
96 100
61 167.7 131.0 196.6
98 65.0 47.7 71.5





#13
Acrolein
Concen: 301.742 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

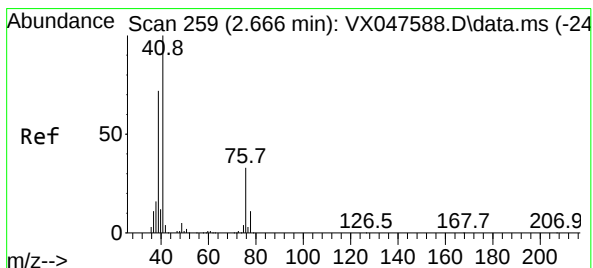
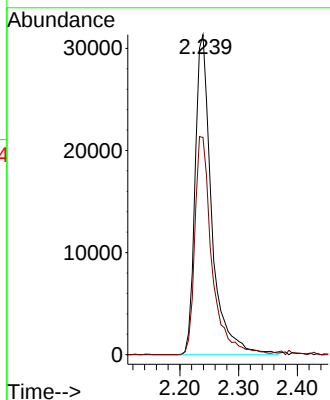
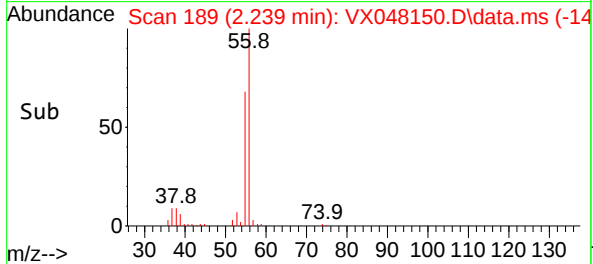
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 56 Resp: 61483
Ion Ratio Lower Upper
56 100
55 70.3 57.2 85.8

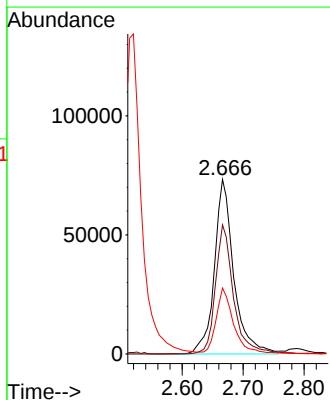
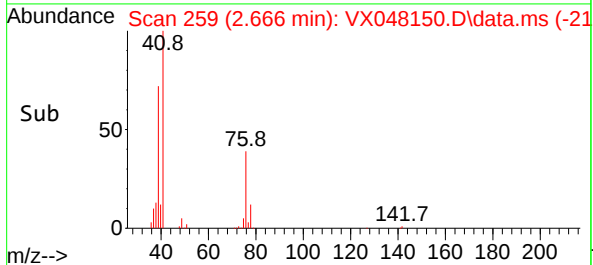
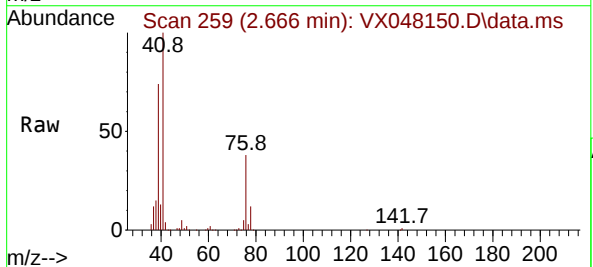
Manual Integrations
APPROVED

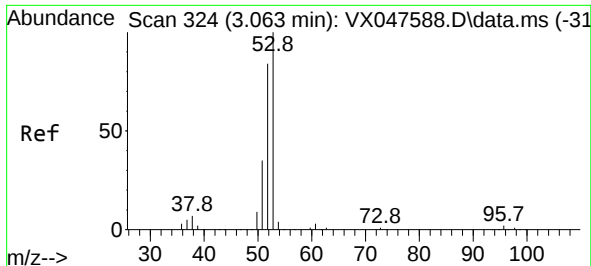
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#14
Allyl chloride
Concen: 53.116 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

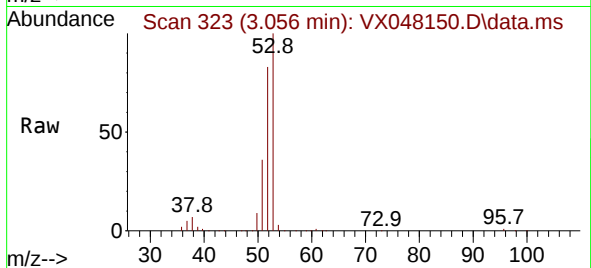
Tgt Ion: 41 Resp: 162423
Ion Ratio Lower Upper
41 100
39 68.8 54.7 82.1
76 34.9 25.7 38.5





#15
Acrylonitrile
Concen: 274.681 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

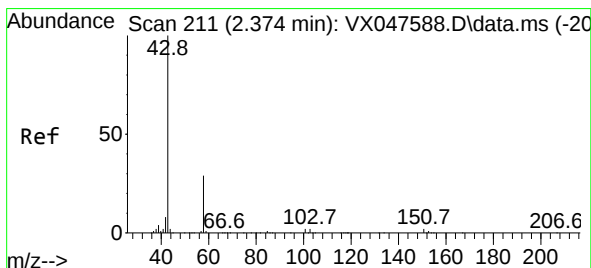
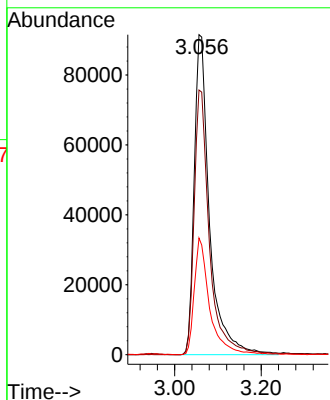
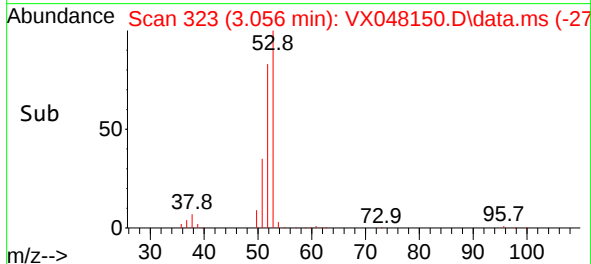
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 53 Resp: 224969
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.7 29.5 44.3

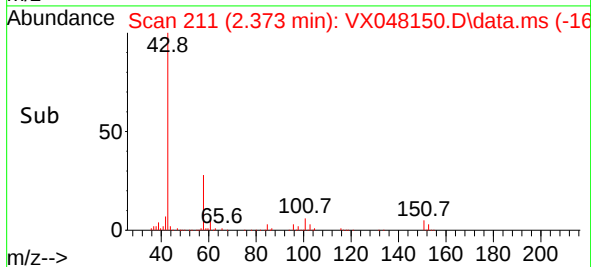
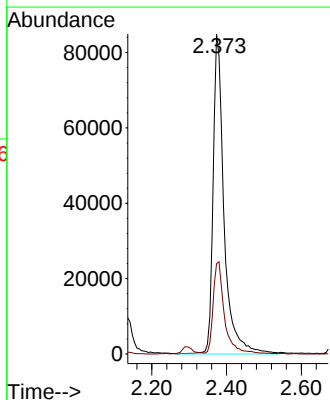
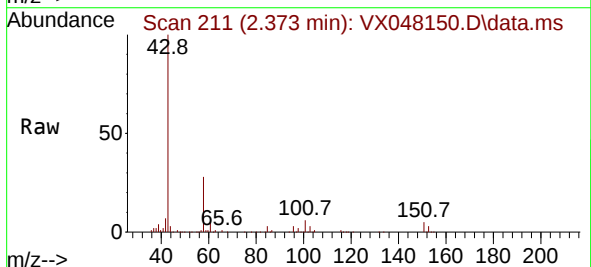
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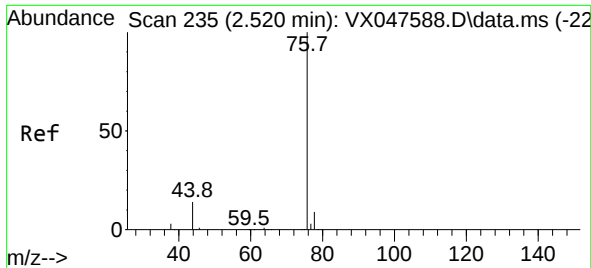
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#16
Acetone
Concen: 200.049 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

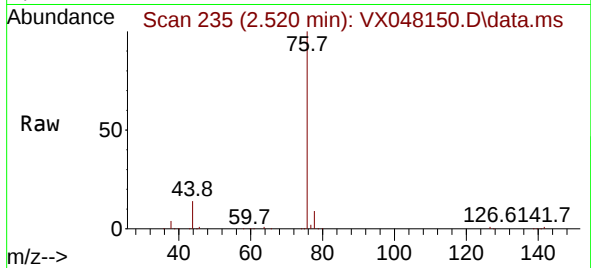
Tgt Ion: 43 Resp: 172689
Ion Ratio Lower Upper
43 100
58 28.1 23.4 35.0





#17
Carbon Disulfide
Concen: 65.280 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

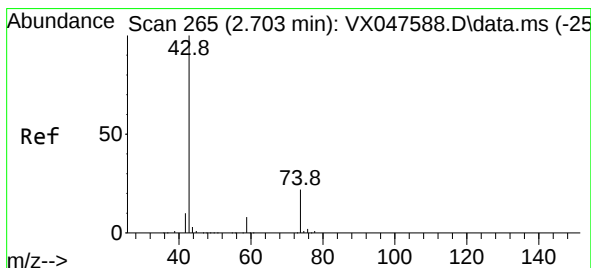
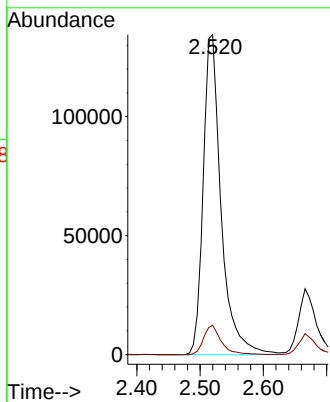
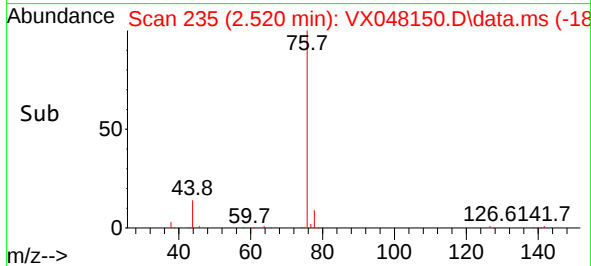
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 76 Resp: 264830
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

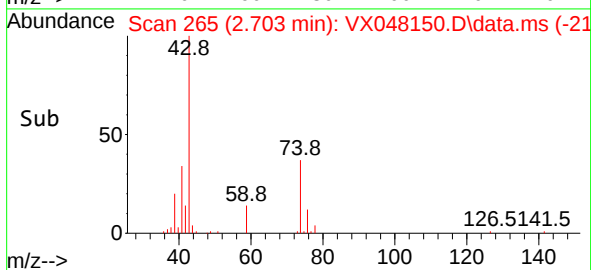
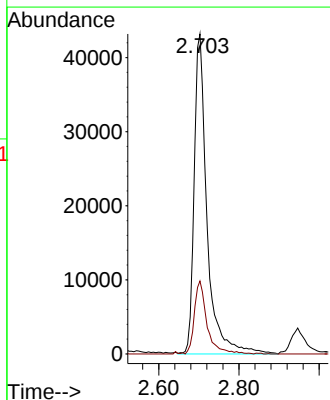
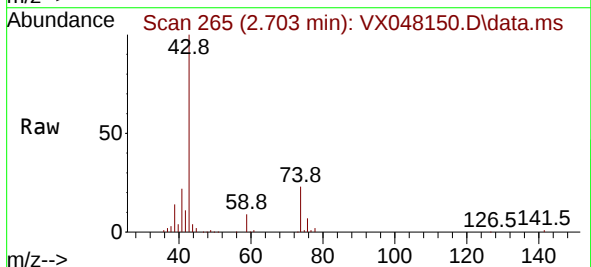
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#18
Methyl Acetate
Concen: 50.110 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

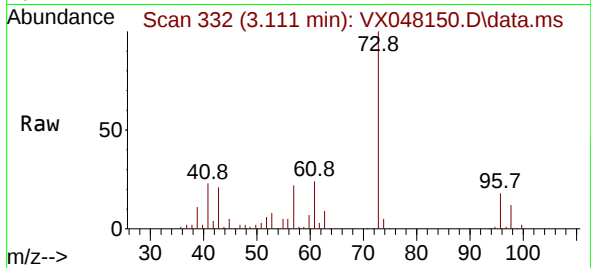
Tgt Ion: 43 Resp: 96268
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 54.445 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

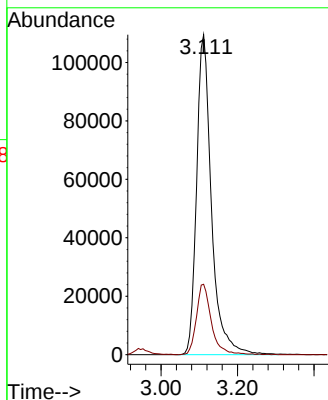
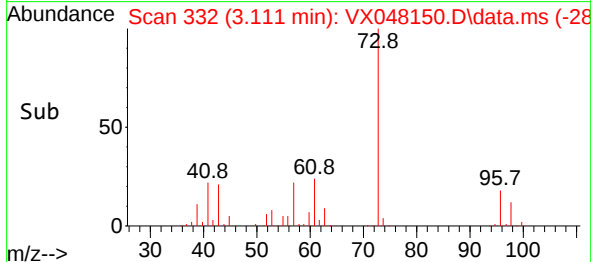
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 73 Resp: 29452
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2

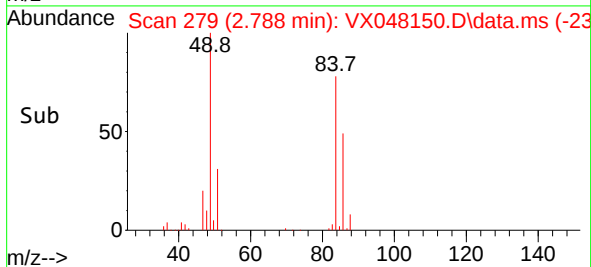
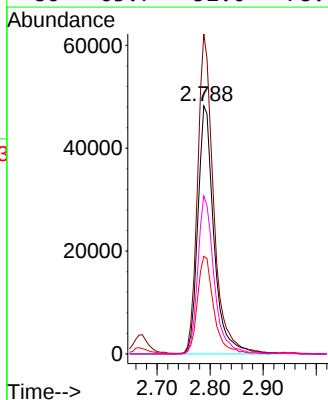
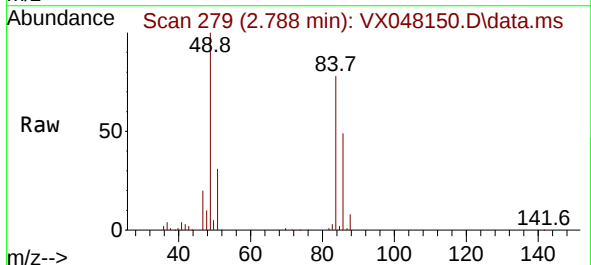
Manual Integrations
APPROVED

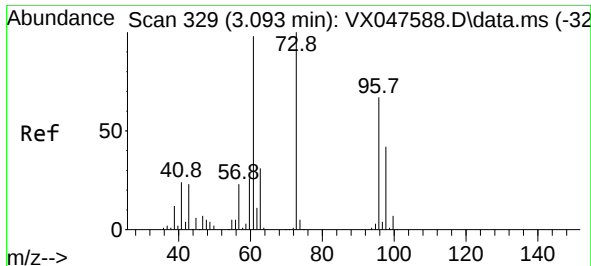
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#20
Methylene Chloride
Concen: 55.850 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion: 84 Resp: 102050
Ion Ratio Lower Upper
84 100
49 128.7 108.6 162.8
51 39.2 32.6 48.8
86 63.7 52.0 78.0





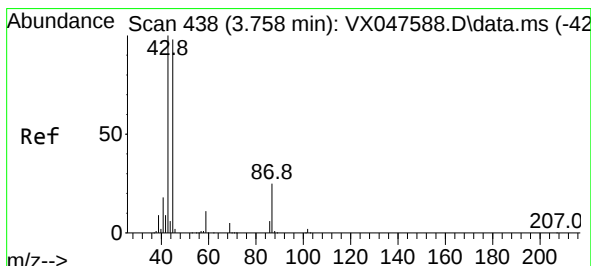
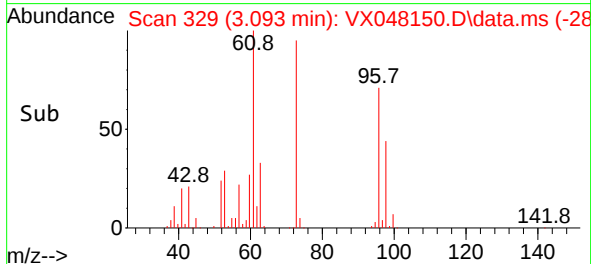
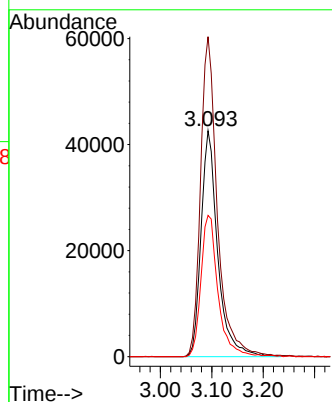
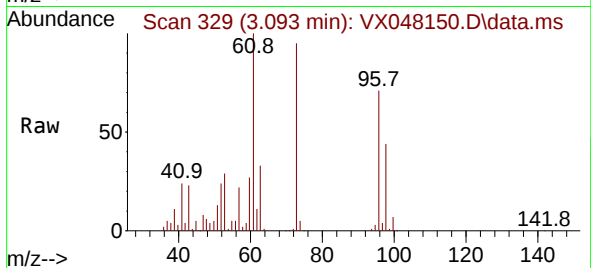
#21
trans-1,2-Dichloroethene
Concen: 60.117 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 96 Resp: 95912
Ion Ratio Lower Upper
96 100
61 141.6 116.2 174.2
98 62.5 49.3 73.9

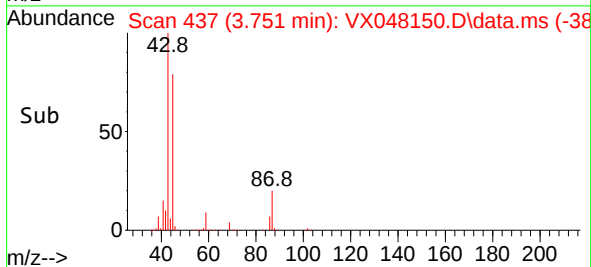
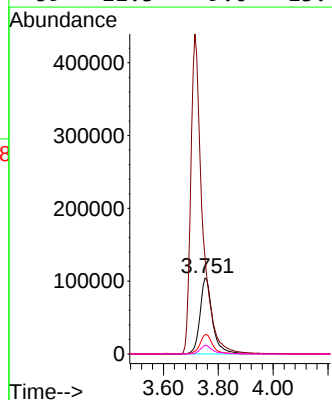
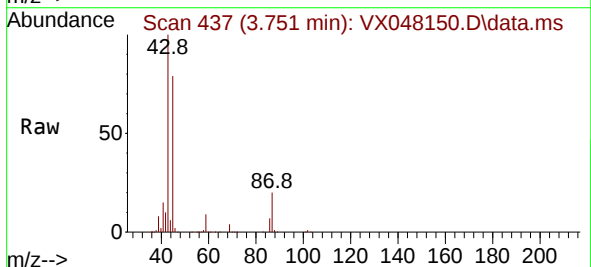
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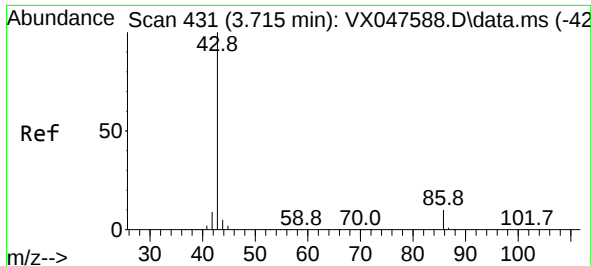
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#22
Diisopropyl ether
Concen: 55.747 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion: 45 Resp: 330378
Ion Ratio Lower Upper
45 100
43 127.1 81.0 121.4#
87 25.3 20.3 30.5
59 11.3 9.0 13.4





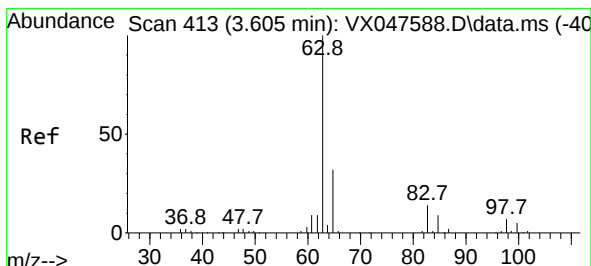
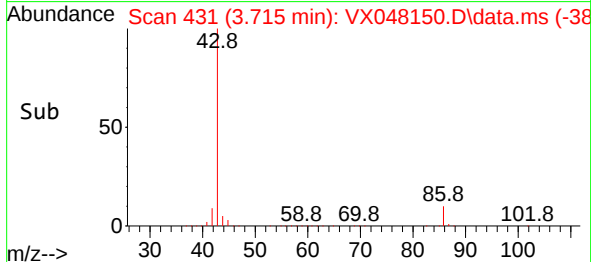
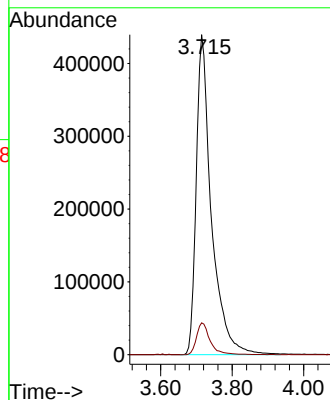
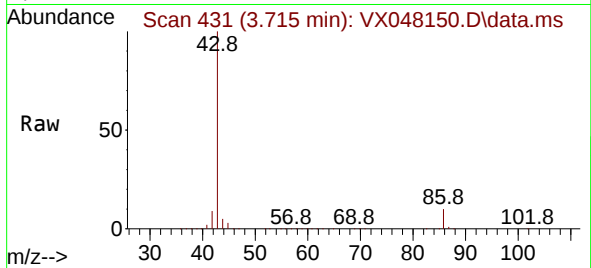
#23
 Vinyl Acetate
 Concen: 272.632 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048150.D
 Acq: 13 Oct 2025 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MSD

Tgt Ion: 43 Resp: 129312
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

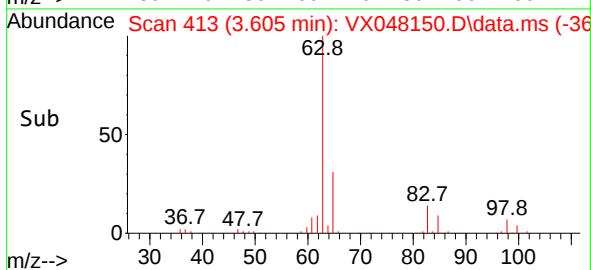
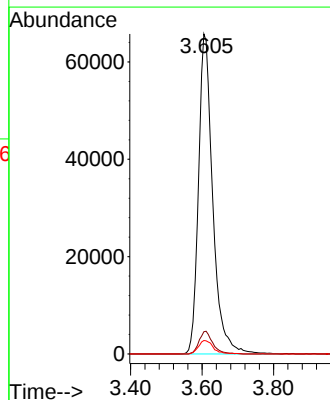
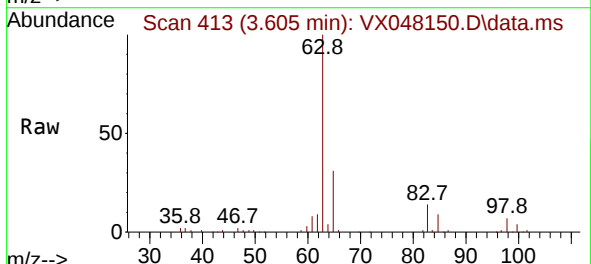
Manual Integrations
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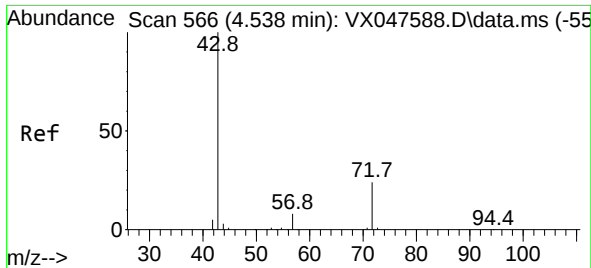
Reviewed By :John Carlone 10/14/2025
 Supervised By :Mahesh Dadoda 10/14/2025



#24
 1,1-Dichloroethane
 Concen: 57.665 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048150.D
 Acq: 13 Oct 2025 17:54

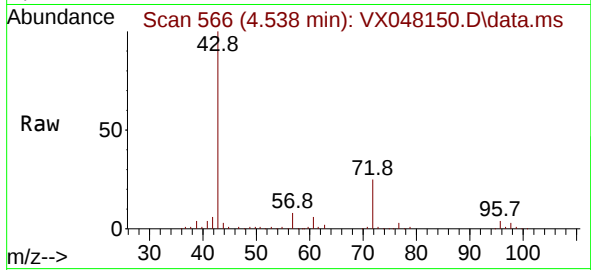
Tgt Ion: 63 Resp: 181639
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.2 2.3 6.9





#25
2-Butanone
Concen: 243.764 ug/l
RT: 4.538 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

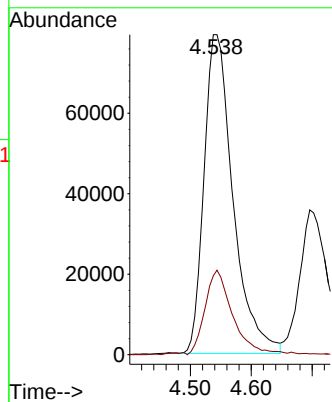
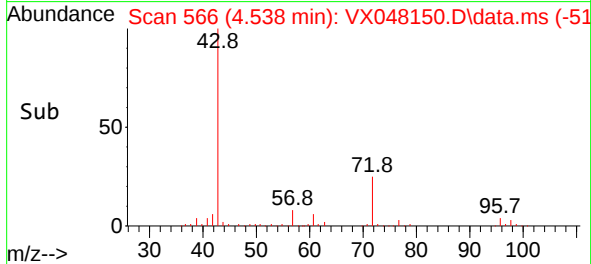
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



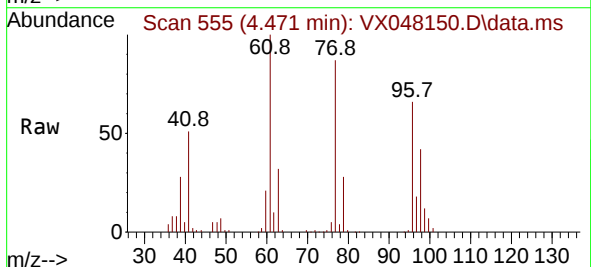
Tgt Ion: 43 Resp: 262478
Ion Ratio Lower Upper
43 100
72 23.9 20.1 30.1

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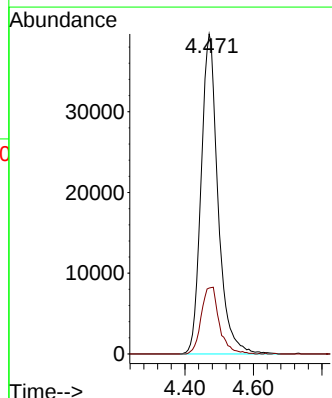
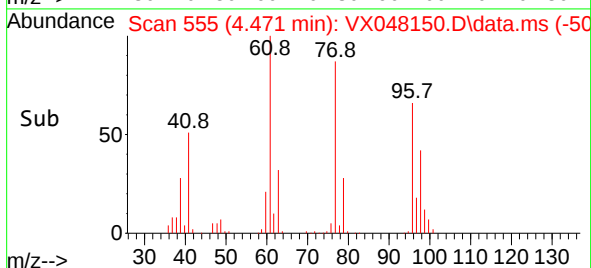
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#26
2,2-Dichloropropane
Concen: 51.920 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54



Tgt Ion: 77 Resp: 135947
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 57.683 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

Tgt Ion: 96 Resp: 11270

Ion Ratio Lower Upper

96 100

61 146.6 0.0 303.2

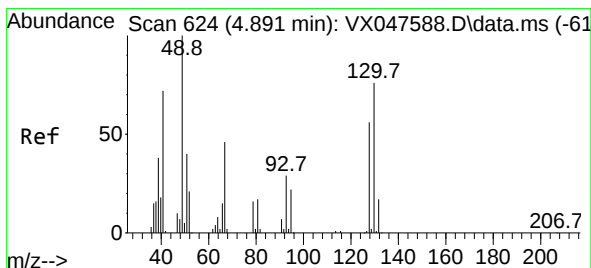
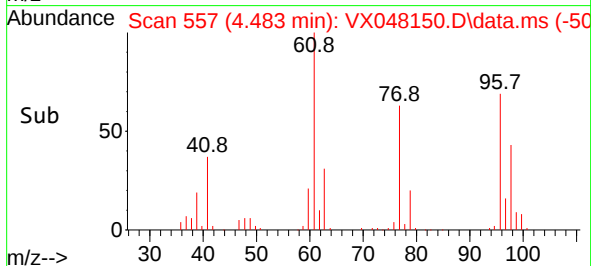
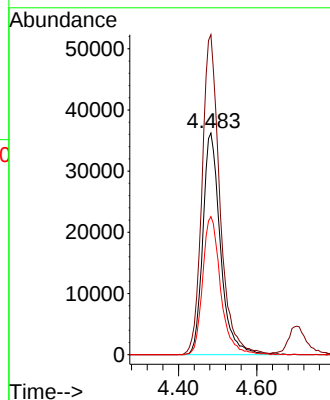
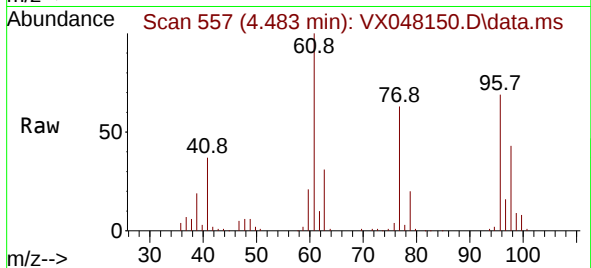
98 63.6 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#28

Bromochloromethane

Concen: 55.267 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

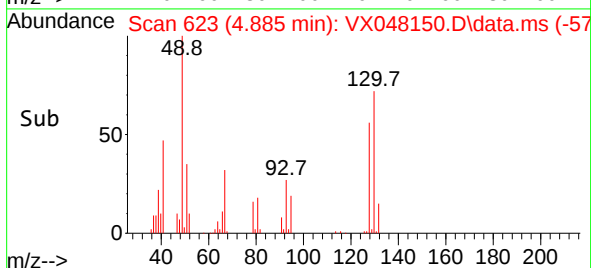
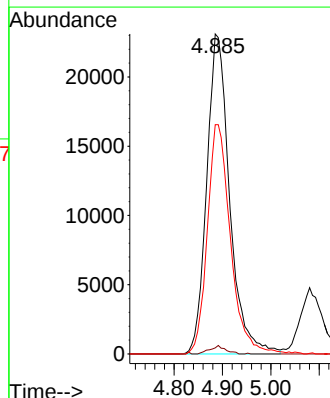
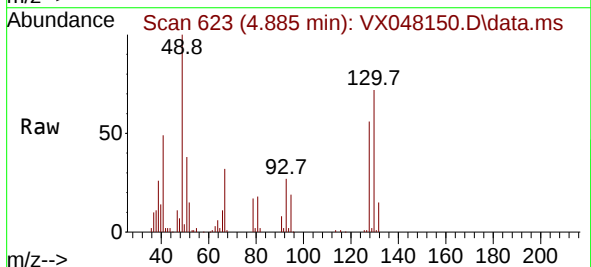
Tgt Ion: 49 Resp: 76000

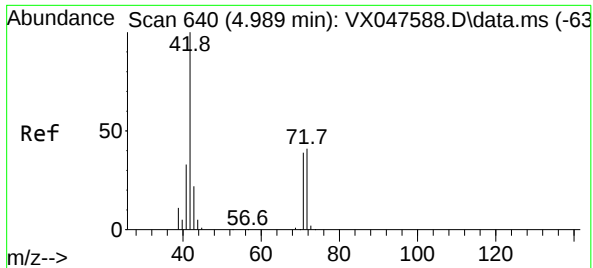
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 72.4 57.8 86.8





#29

Tetrahydrofuran

Concen: 261.928 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

Tgt Ion: 42 Resp: 16966

Ion Ratio Lower Upper

42 100

72 43.1 34.2 51.2

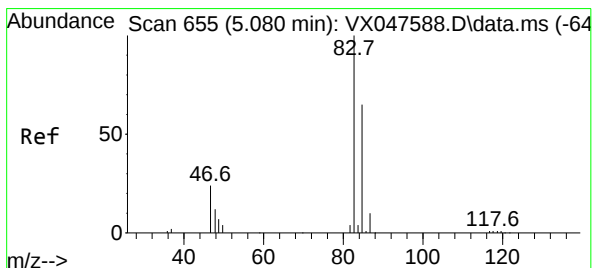
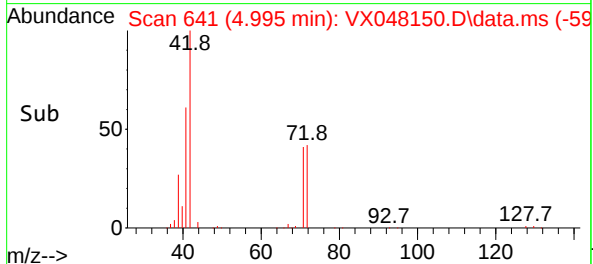
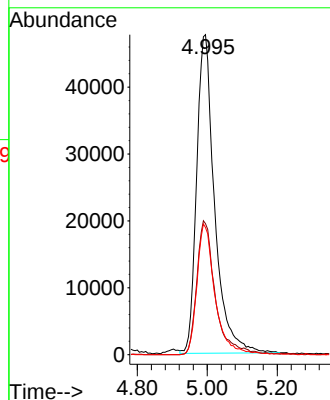
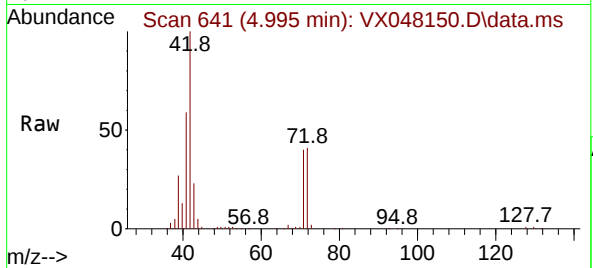
71 41.3 31.9 47.9

Manual Integrations

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Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#30

Chloroform

Concen: 57.786 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048150.D

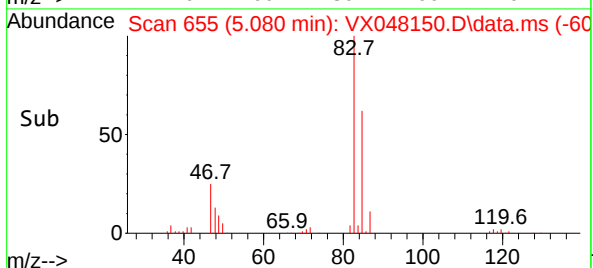
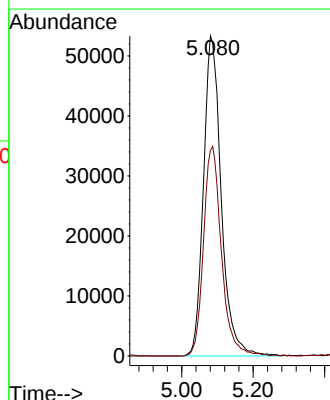
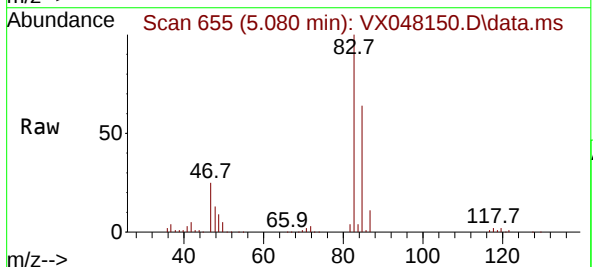
Acq: 13 Oct 2025 17:54

Tgt Ion: 83 Resp: 183937

Ion Ratio Lower Upper

83 100

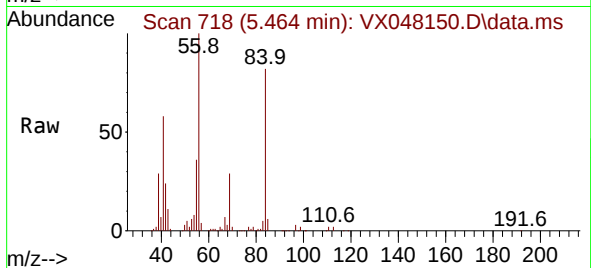
85 64.2 51.8 77.6





#31
Cyclohexane
Concen: 59.846 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

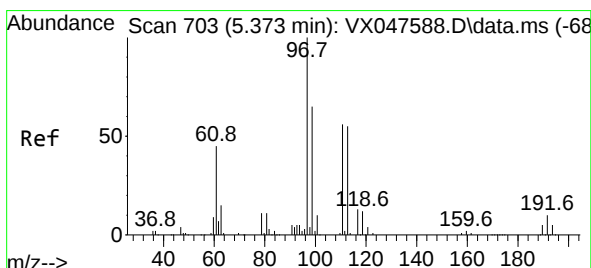
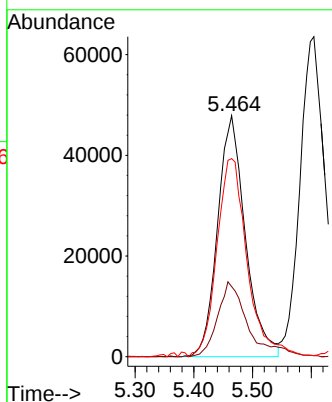
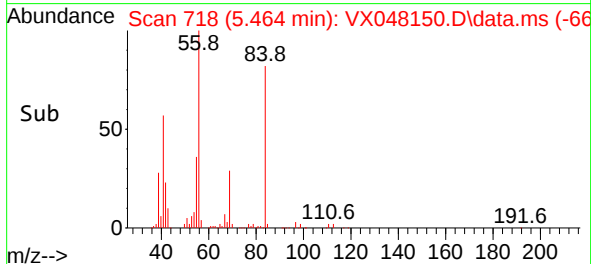
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 56 Resp: 157004
Ion Ratio Lower Upper
56 100
69 28.8 23.8 35.8
84 82.0 64.6 97.0

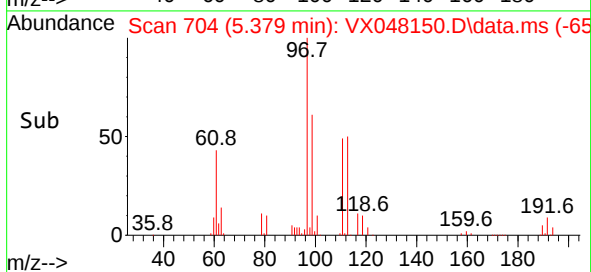
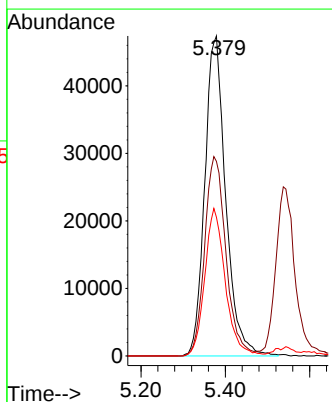
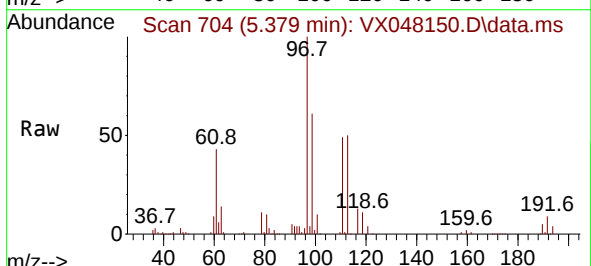
Manual Integrations
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Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#32
1,1,1-Trichloroethane
Concen: 60.556 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion: 97 Resp: 163496
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 45.2 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 49.249 ug/l
RT: 5.946 min Scan# 796
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

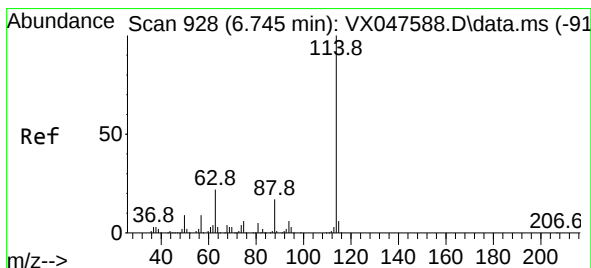
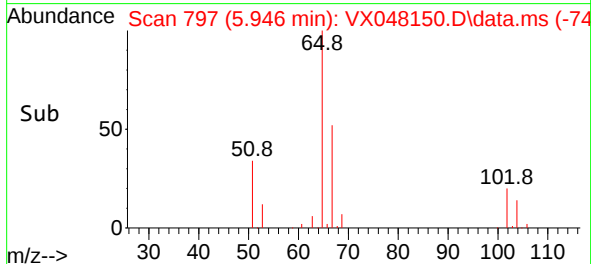
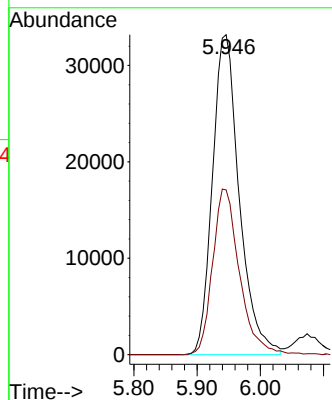
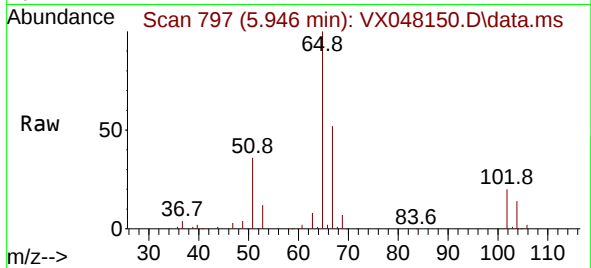
MW-219MSD

Tgt Ion: 65 Resp: 97775
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

Manual Integrations

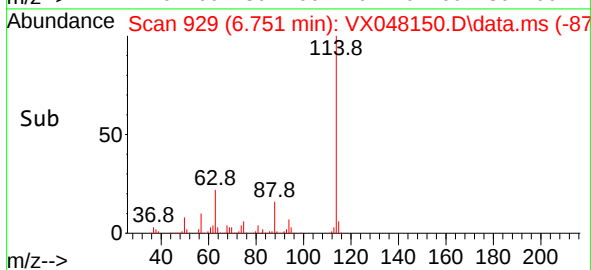
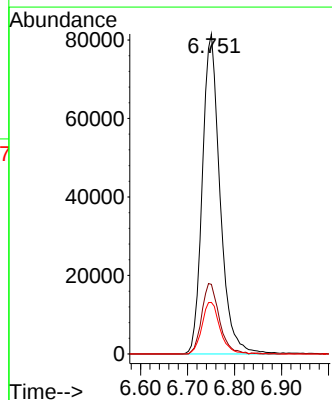
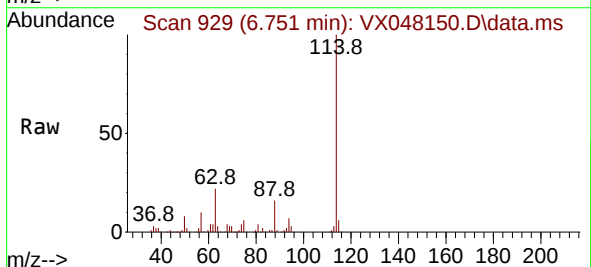
APPROVED

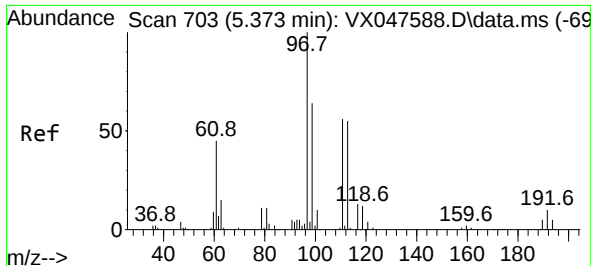
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

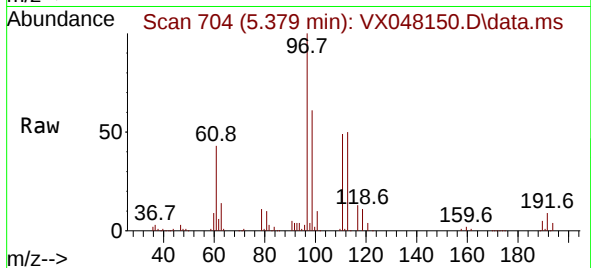
Tgt Ion:114 Resp: 212758
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 16.1 0.0 34.2





#35
Dibromofluoromethane
Concen: 55.301 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

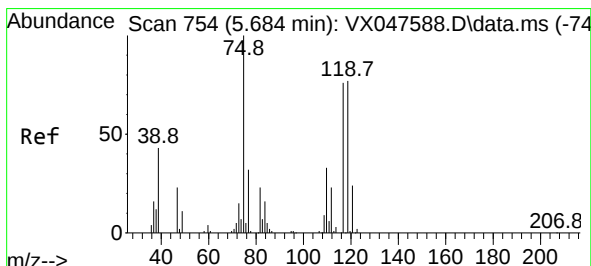
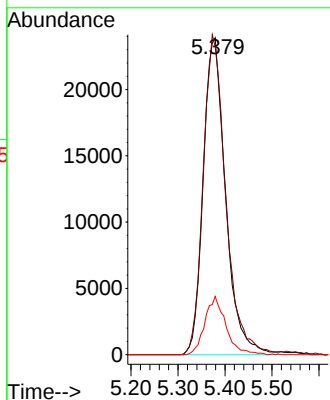
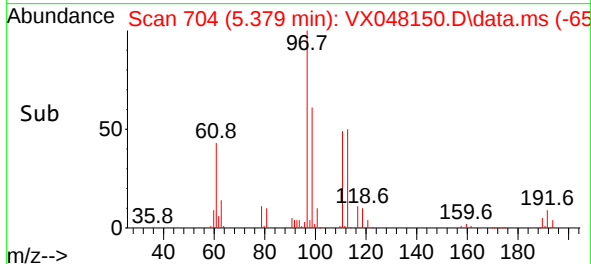
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:113 Resp: 78908
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 17.2 14.2 21.4

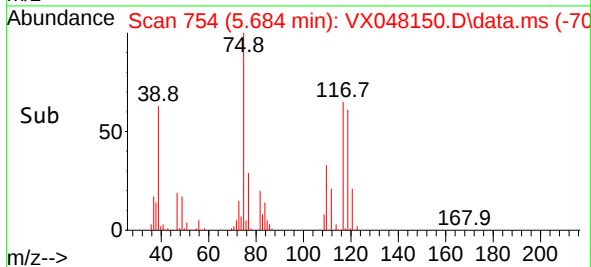
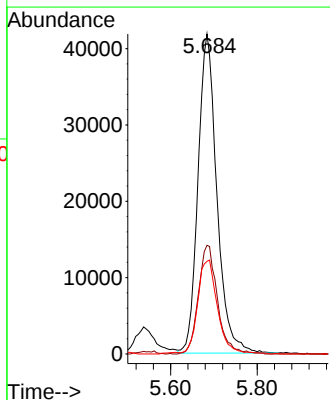
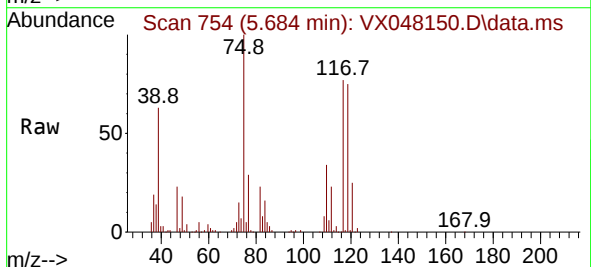
Manual Integrations
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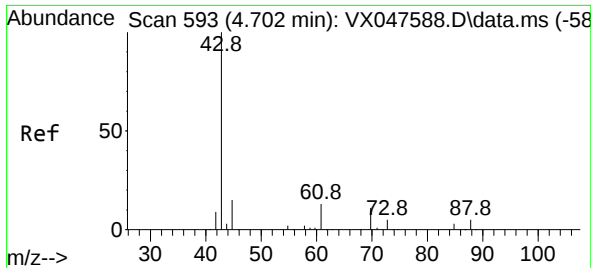
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#36
1,1-Dichloropropene
Concen: 60.591 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion: 75 Resp: 126333
Ion Ratio Lower Upper
75 100
110 34.5 16.7 50.1
77 30.9 24.3 36.5





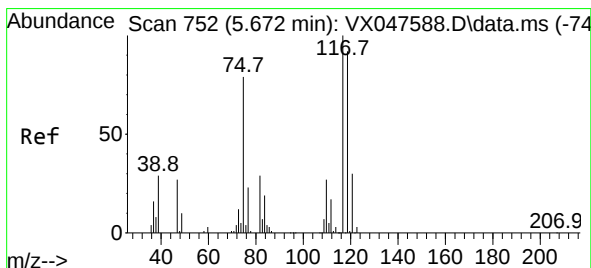
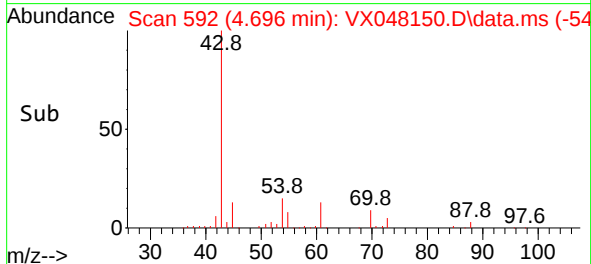
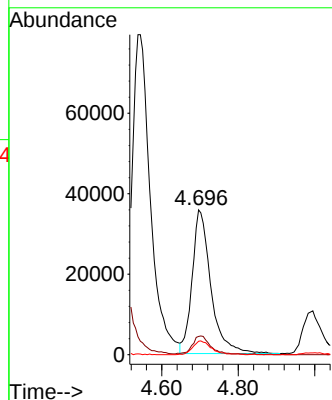
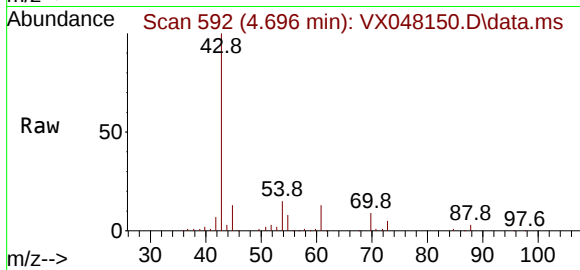
#37
Ethyl Acetate
Concen: 54.408 ug/l
RT: 4.696 min Scan# 593
Delta R.T. -0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 43 Resp: 12146
Ion Ratio Lower Upper
43 100
61 11.4 9.8 14.8
70 9.6 7.9 11.9

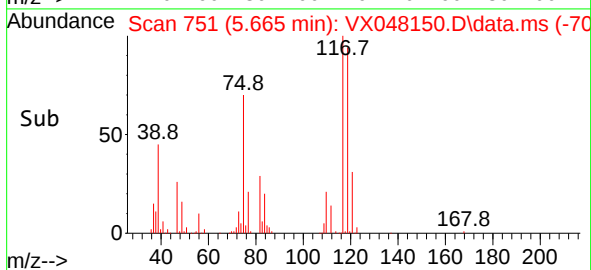
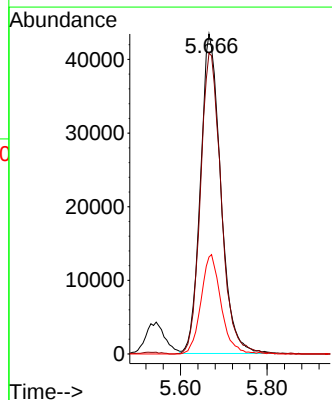
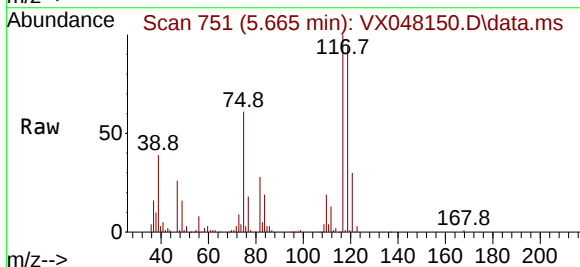
Manual Integrations
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Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#38
Carbon Tetrachloride
Concen: 62.322 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

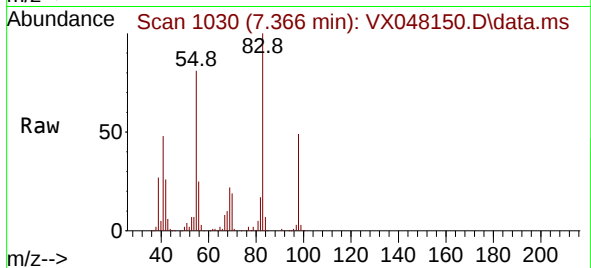
Tgt Ion:117 Resp: 141184
Ion Ratio Lower Upper
117 100
119 94.0 73.4 110.2
121 30.4 23.8 35.6





#39
Methylcyclohexane
Concen: 64.987 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

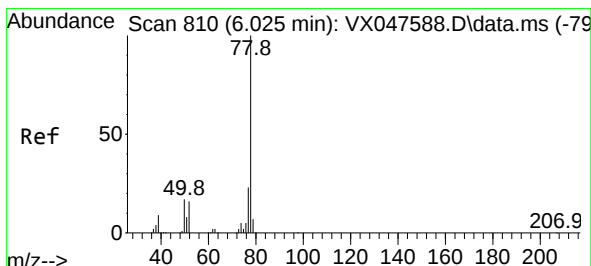
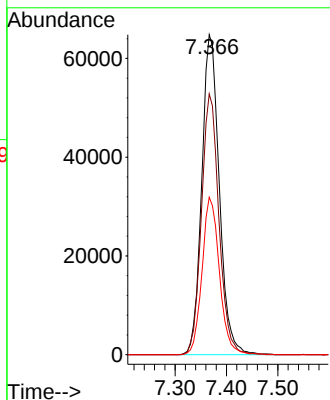
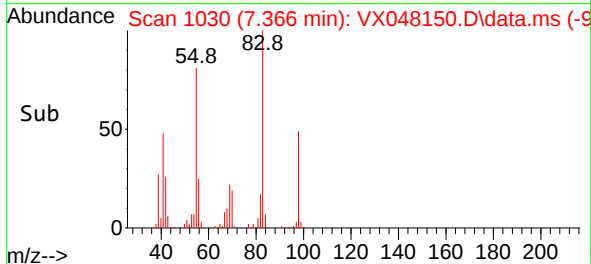
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 83 Resp: 15380
Ion Ratio Lower Upper
83 100
55 81.5 66.4 99.6
98 49.2 38.1 57.1

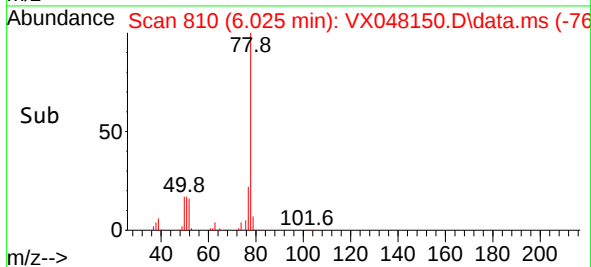
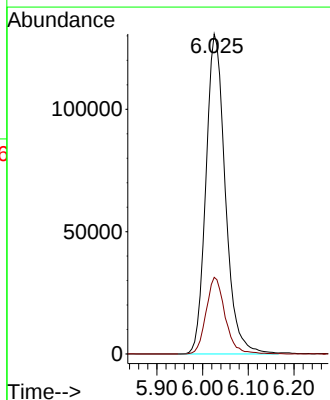
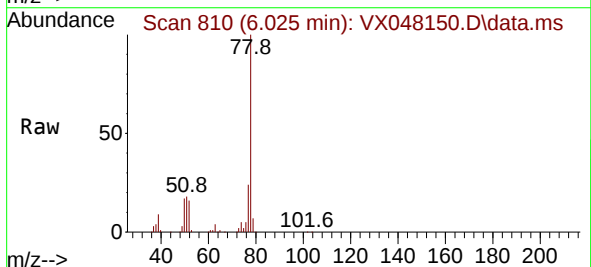
Manual Integrations
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Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#40
Benzene
Concen: 60.783 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

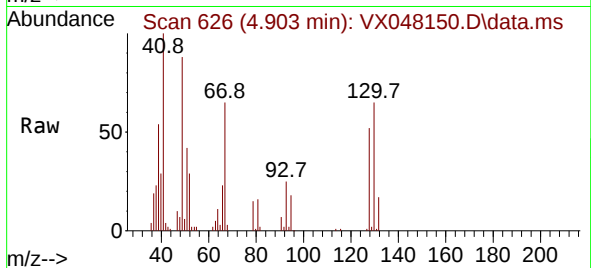
Tgt Ion: 78 Resp: 384920
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41
Methacrylonitrile
Concen: 54.847 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

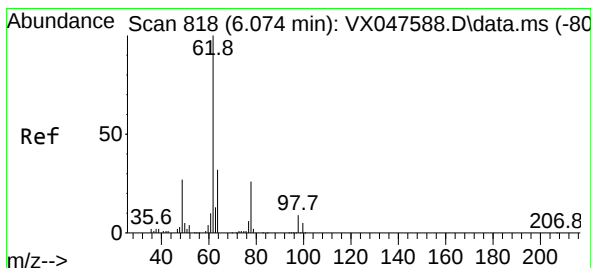
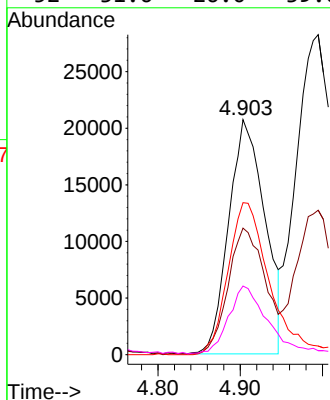
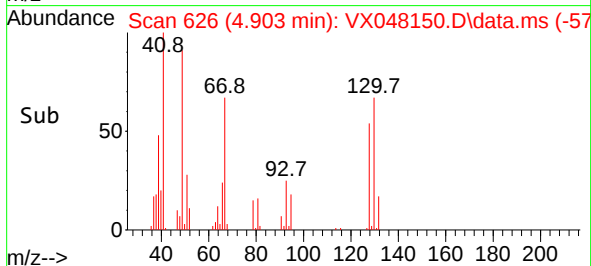
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 41 Resp: 6321
Ion Ratio Lower Upper
41 100
39 55.0 43.3 64.9
67 76.0 58.6 87.8
52 31.6 26.0 39.0

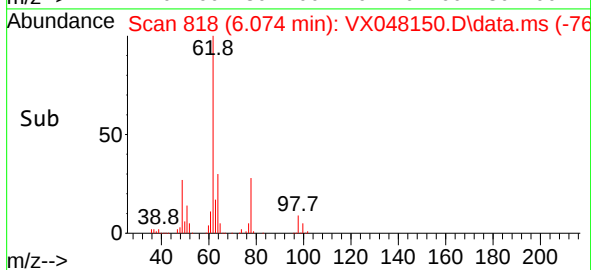
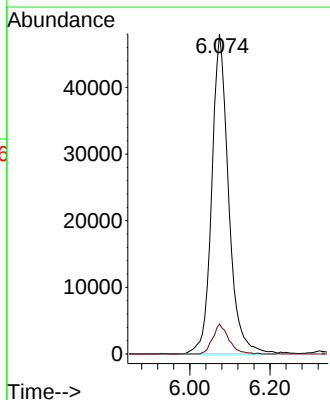
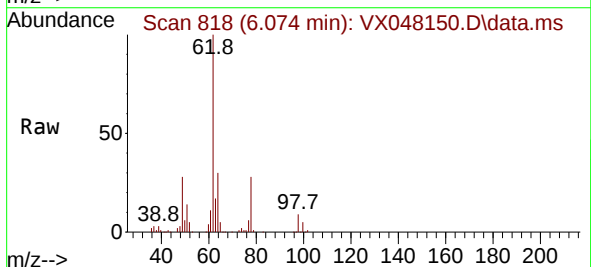
Manual Integrations
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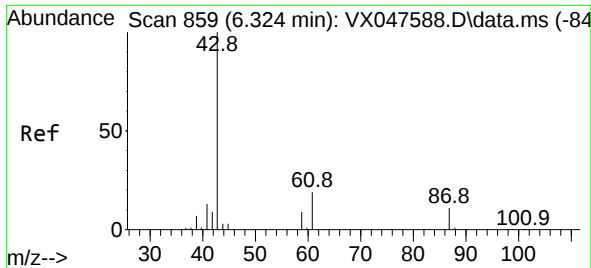
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#42
1,2-Dichloroethane
Concen: 58.143 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion: 62 Resp: 140096
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.0





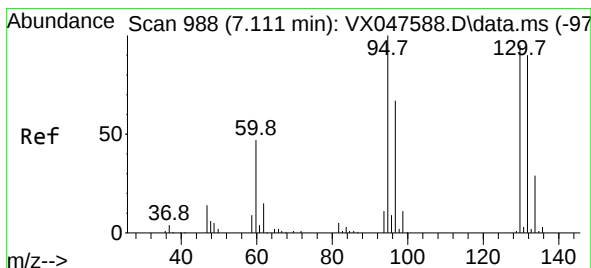
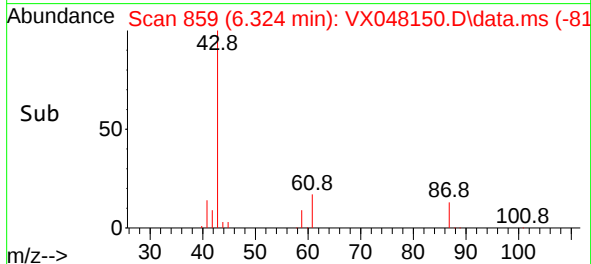
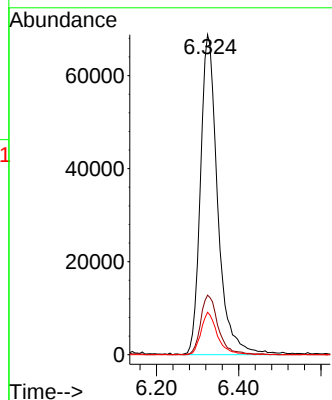
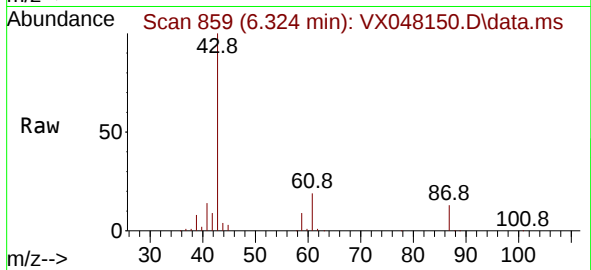
#43
Isopropyl Acetate
Concen: 54.723 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 43 Resp: 200360
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.6 9.6 14.4

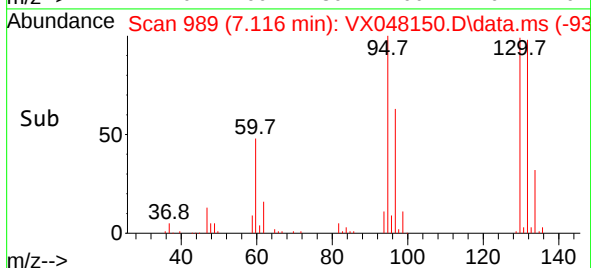
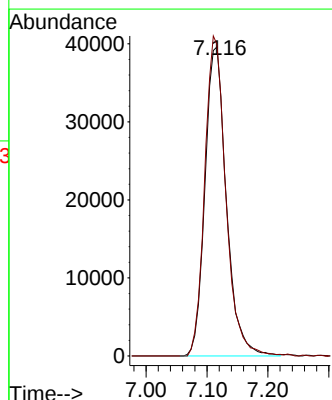
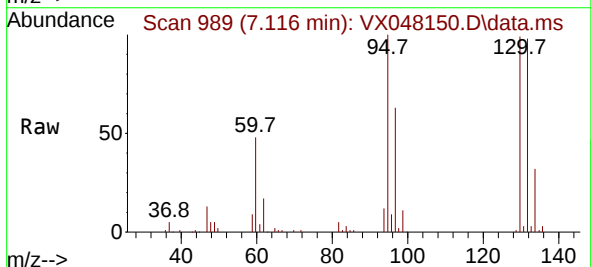
Manual Integrations
APPROVED

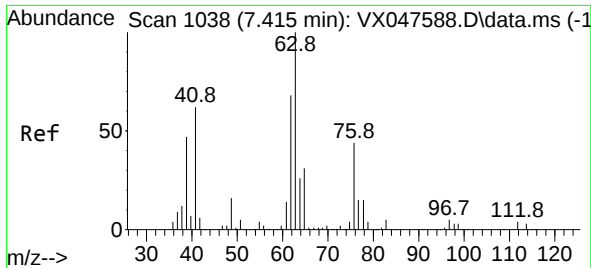
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#44
Trichloroethene
Concen: 63.114 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion:130 Resp: 96628
Ion Ratio Lower Upper
130 100
95 100.7 0.0 210.8





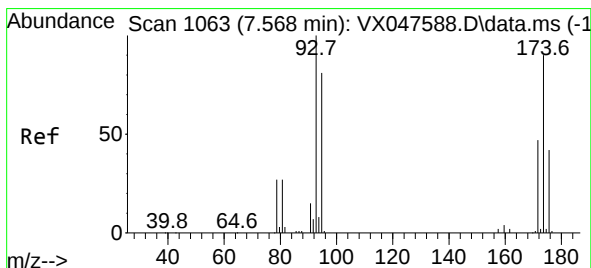
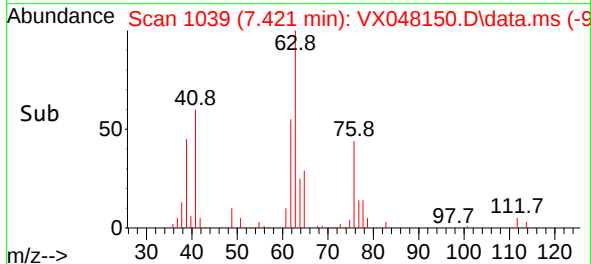
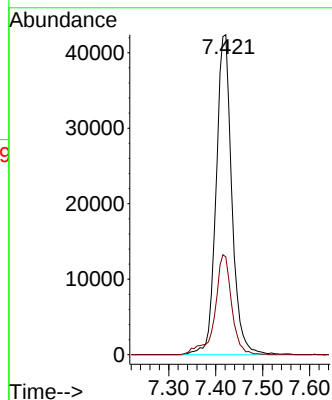
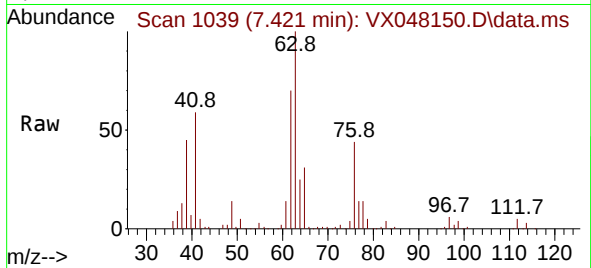
#45
1,2-Dichloropropane
Concen: 60.812 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 63 Resp: 98610
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1

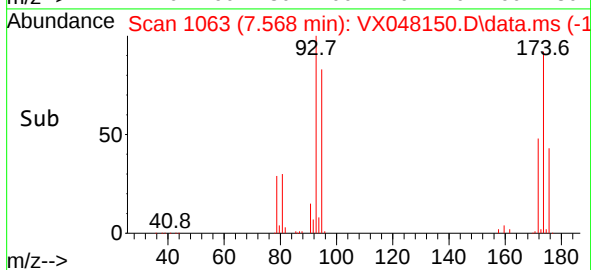
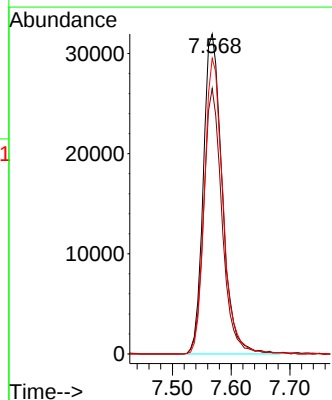
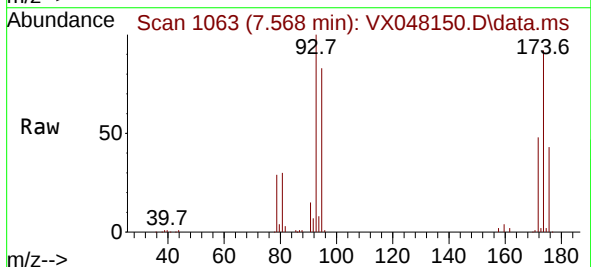
Manual Integrations
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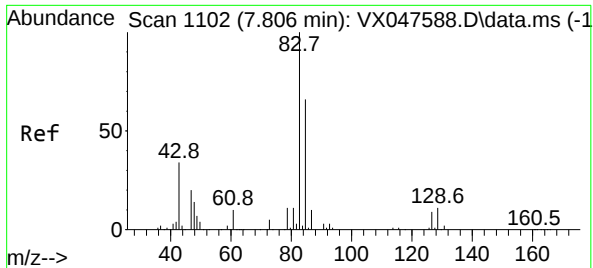
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#46
Dibromomethane
Concen: 60.633 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion: 93 Resp: 71548
Ion Ratio Lower Upper
93 100
95 80.3 65.0 97.6
174 90.5 71.6 107.4





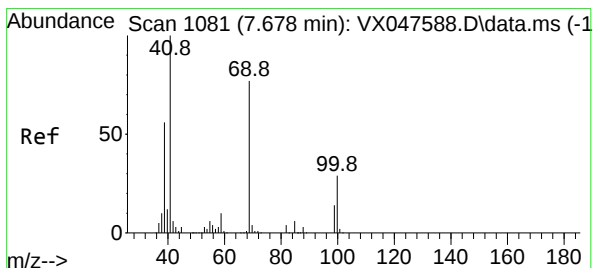
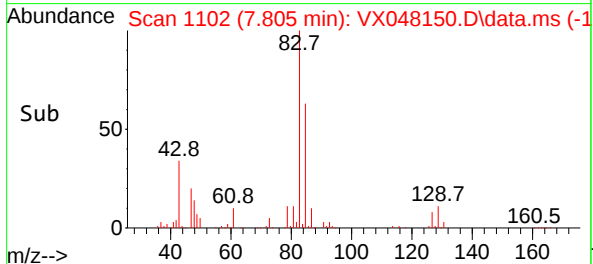
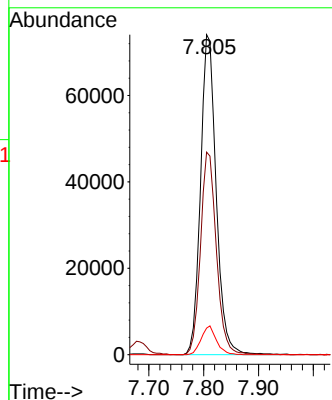
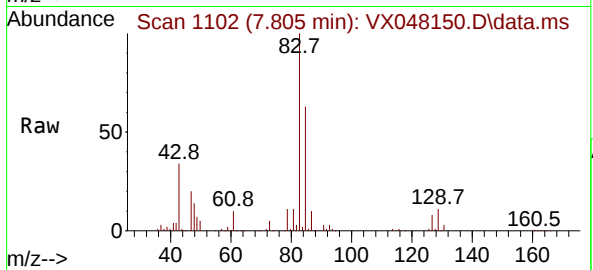
#47
Bromodichloromethane
Concen: 60.311 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 83 Resp: 146859
Ion Ratio Lower Upper
83 100
85 63.3 52.5 78.7
127 8.3 6.9 10.3

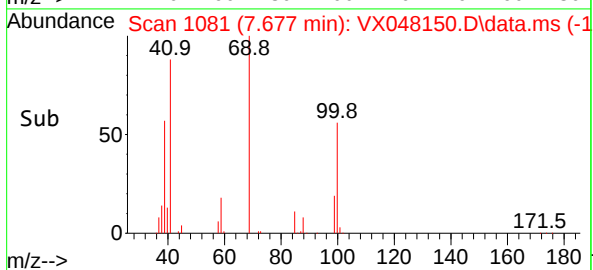
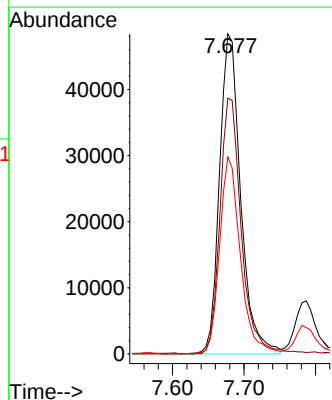
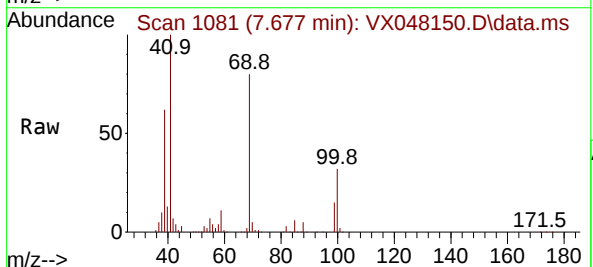
Manual Integrations
APPROVED

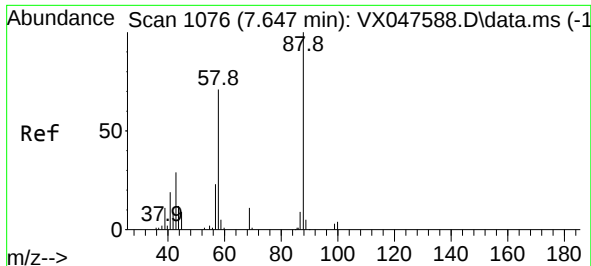
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#48
Methyl methacrylate
Concen: 54.654 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion: 41 Resp: 99676
Ion Ratio Lower Upper
41 100
69 80.6 61.4 92.2
39 60.3 45.8 68.6





#49

1,4-Dioxane

Concen: 1266.131 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

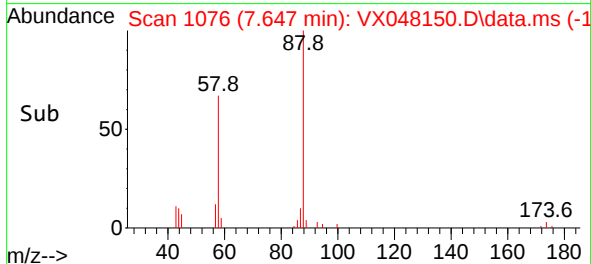
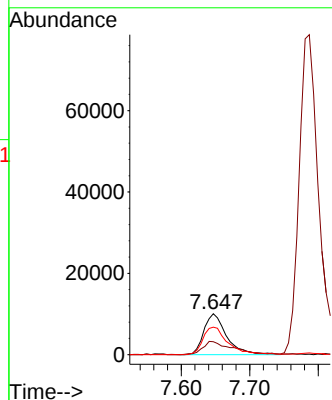
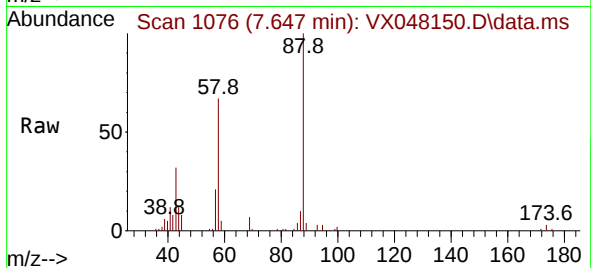
Tgt Ion: 88 Resp: 23330
 Ion Ratio Lower Upper
 88 100
 43 41.0 30.2 45.2
 58 73.6 59.5 89.3

Manual Integrations

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Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#50

Toluene-d8

Concen: 53.349 ug/l

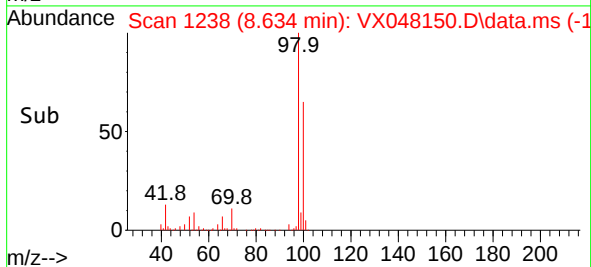
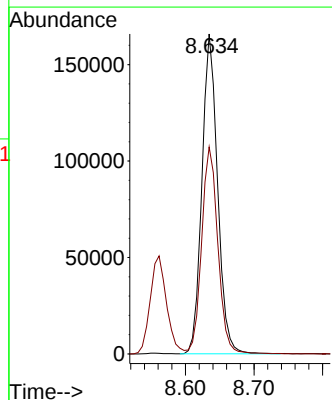
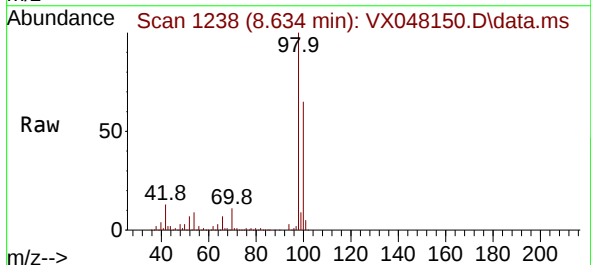
RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

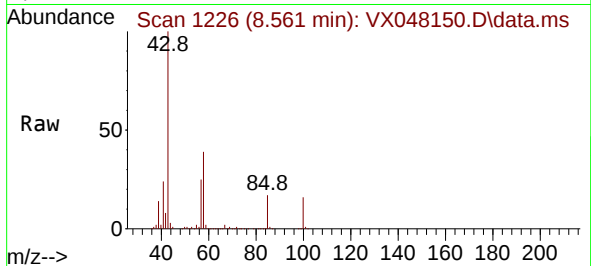
Tgt Ion: 98 Resp: 263397
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 282.685 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

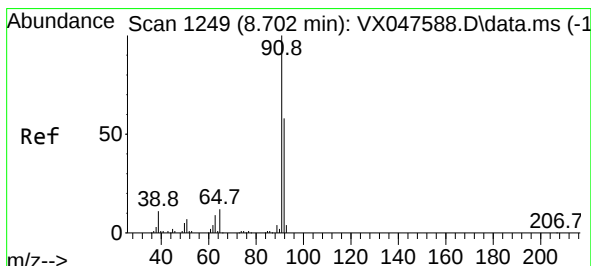
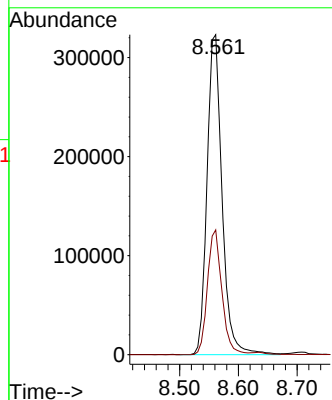
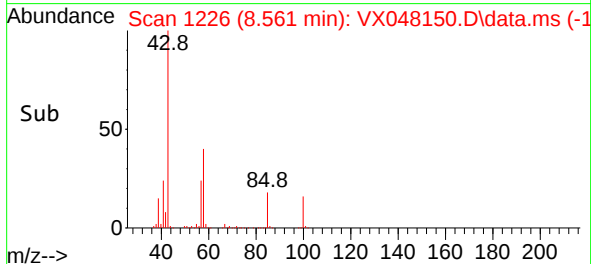
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 43 Resp: 57385
Ion Ratio Lower Upper
43 100
58 37.5 30.3 45.5

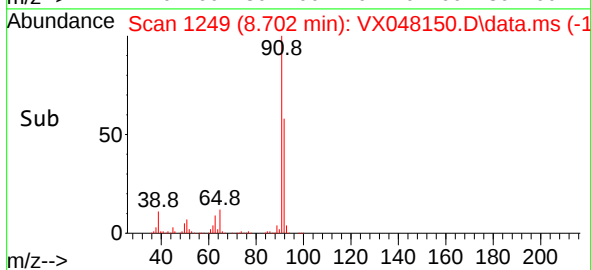
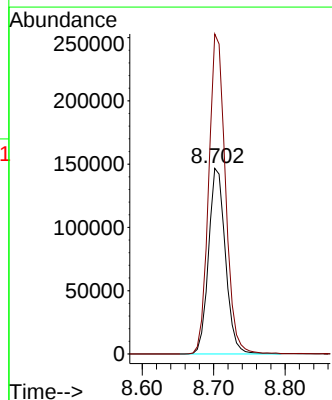
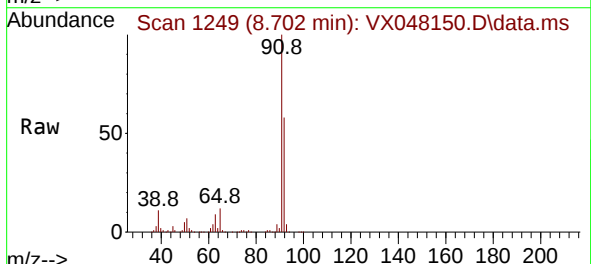
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#52
Toluene
Concen: 61.680 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion: 92 Resp: 240647
Ion Ratio Lower Upper
92 100
91 171.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 58.577 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

Tgt Ion: 75 Resp: 14549

Ion Ratio Lower Upper

75 100

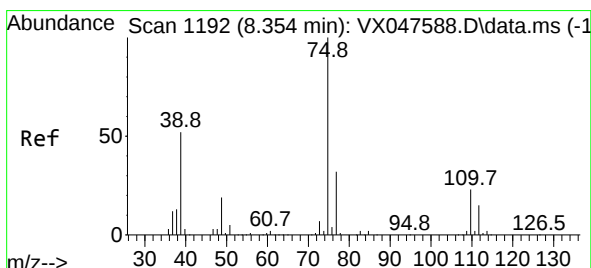
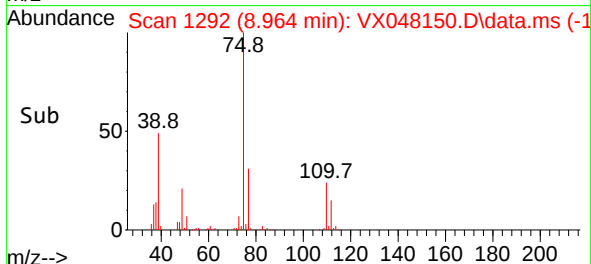
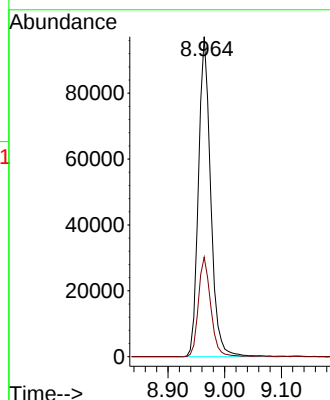
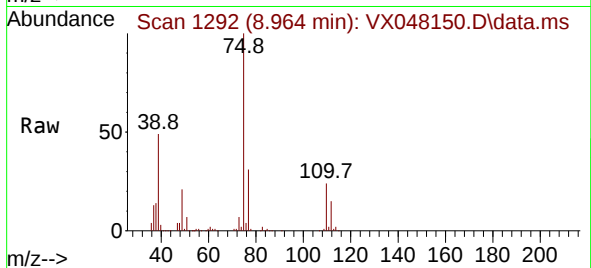
77 31.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#54

cis-1,3-Dichloropropene

Concen: 59.285 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

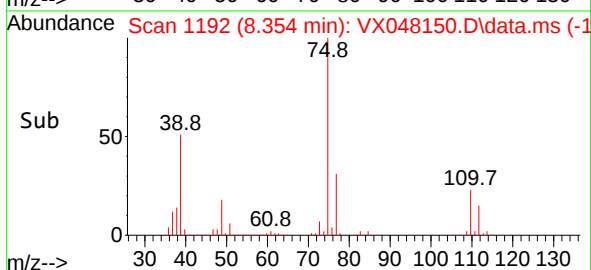
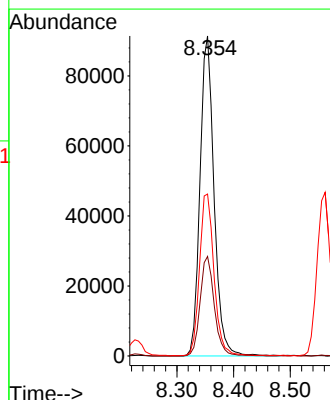
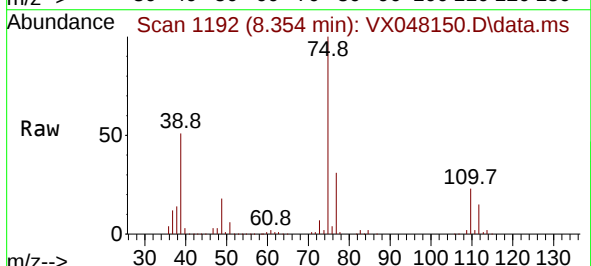
Tgt Ion: 75 Resp: 157385

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 50.5 41.4 62.2





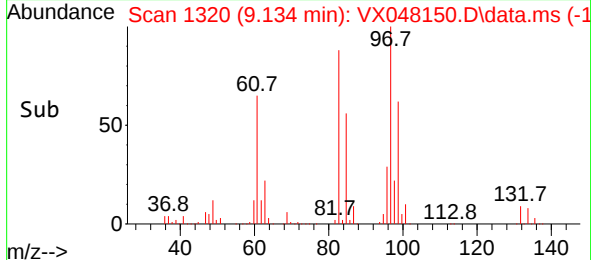
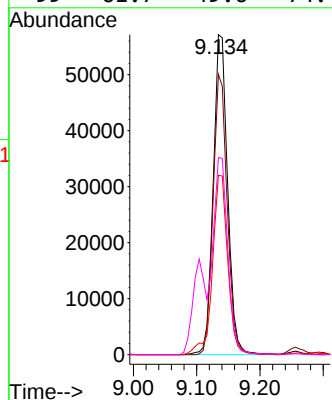
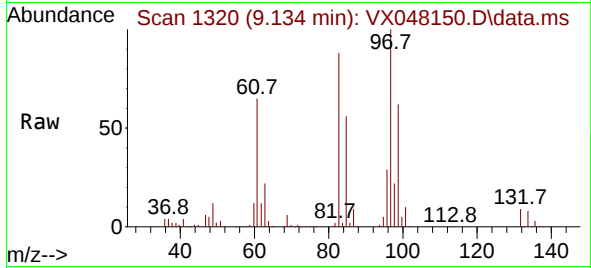
#55
1,1,2-Trichloroethane
Concen: 60.150 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.6	104.4
85	56.1	45.0	67.6
99	61.7	49.6	74.4

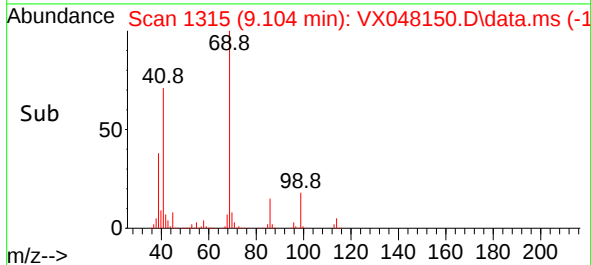
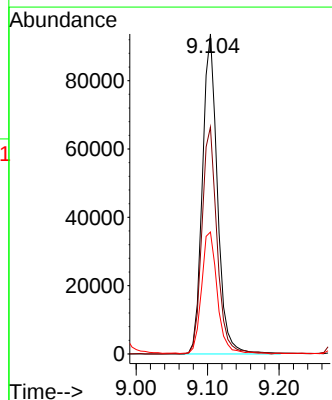
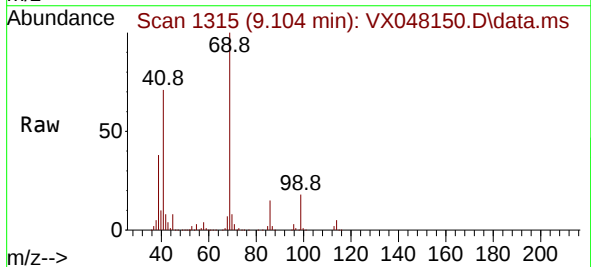
Manual Integrations
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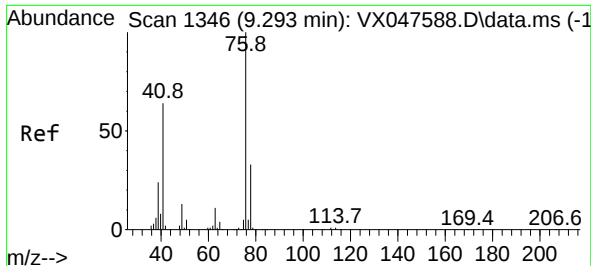
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#56
Ethyl methacrylate
Concen: 57.775 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

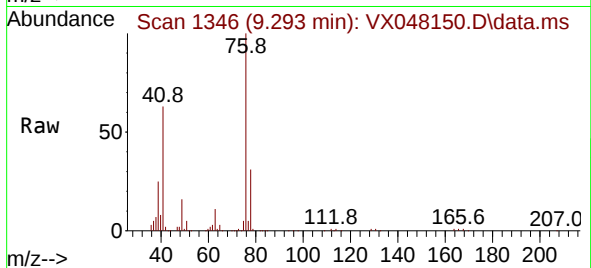
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.1	58.6	87.8
39	40.3	31.5	47.3





#57
1,3-Dichloropropane
Concen: 60.962 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

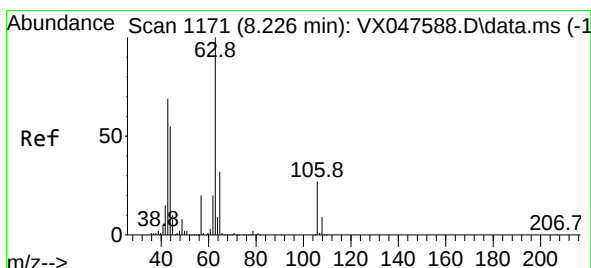
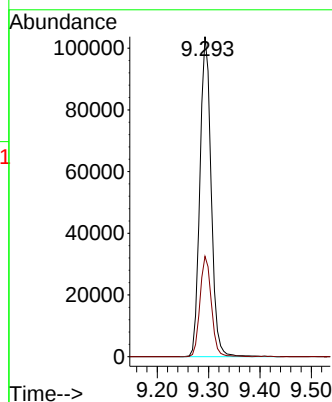
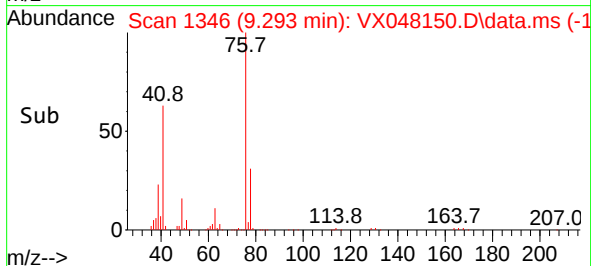
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 76 Resp: 15754
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.4

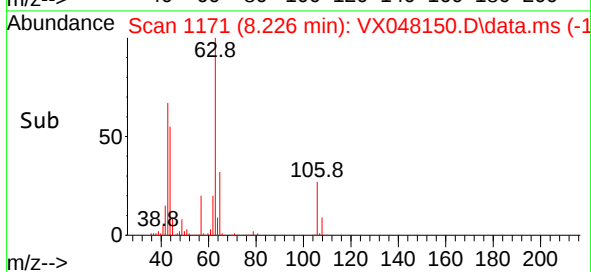
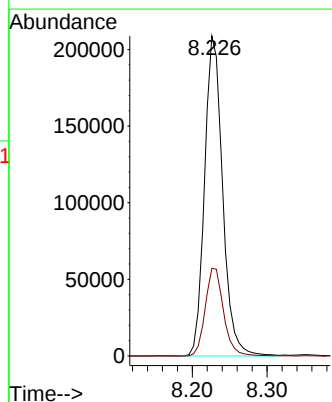
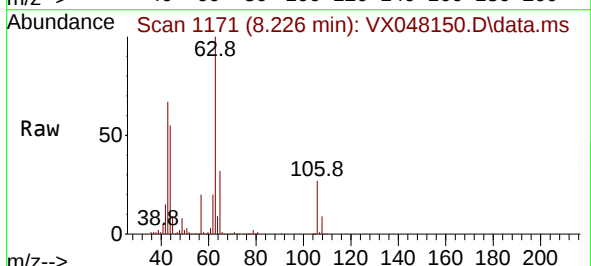
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 306.569 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

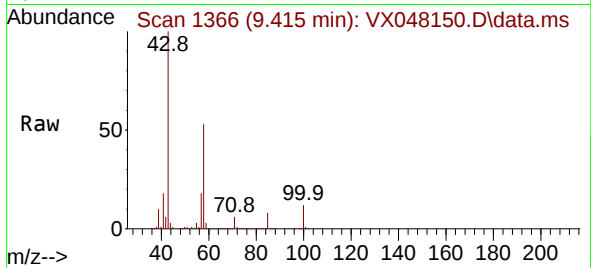
Tgt Ion: 63 Resp: 351130
Ion Ratio Lower Upper
63 100
106 27.7 21.9 32.9





#59
2-Hexanone
Concen: 270.437 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

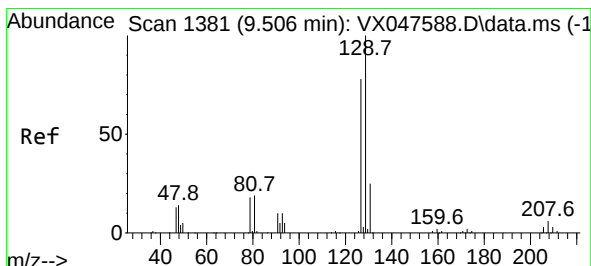
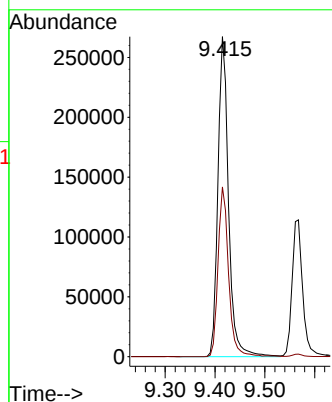
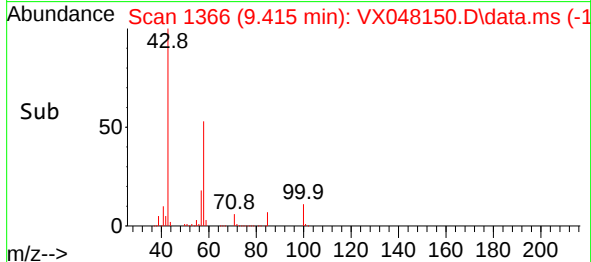
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 43 Resp: 394280
Ion Ratio Lower Upper
43 100
58 52.9 26.1 78.2

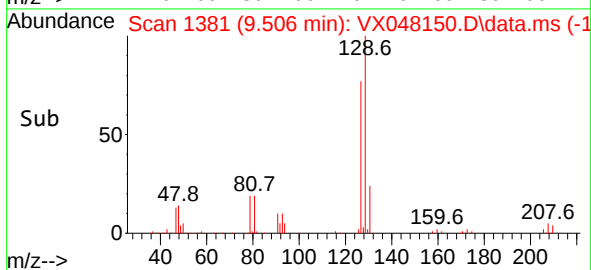
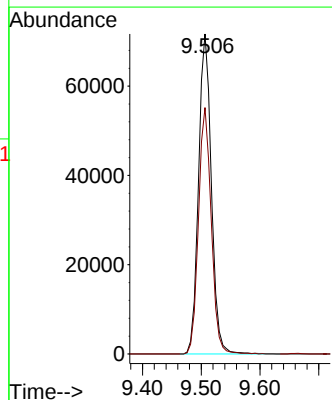
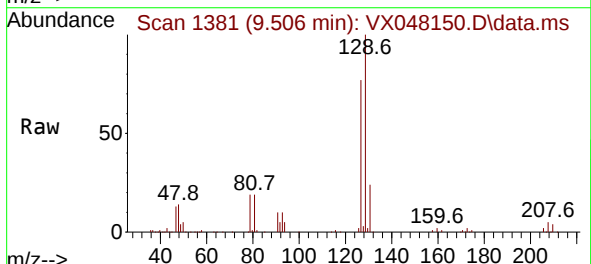
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#60
Dibromochloromethane
Concen: 62.697 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion:129 Resp: 108681
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61
1,2-Dibromoethane
Concen: 62.060 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

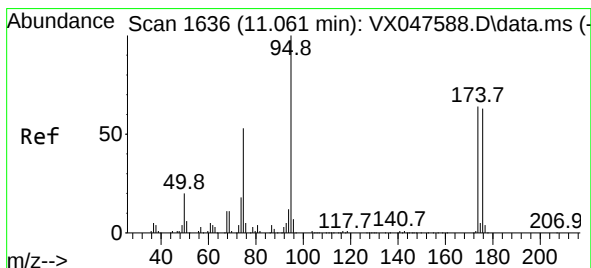
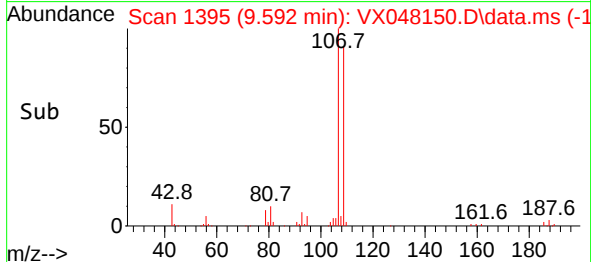
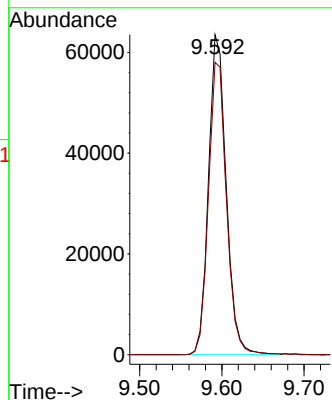
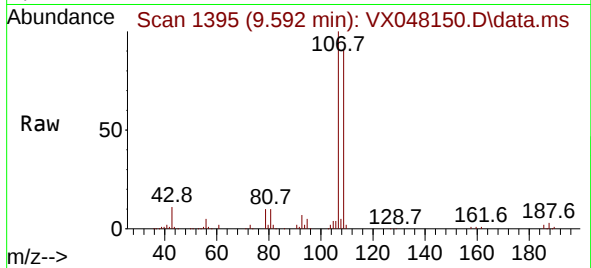
MW-219MSD

Tgt Ion:107 Resp: 95090
Ion Ratio Lower Upper
107 100
109 93.1 75.3 112.9

Manual Integrations

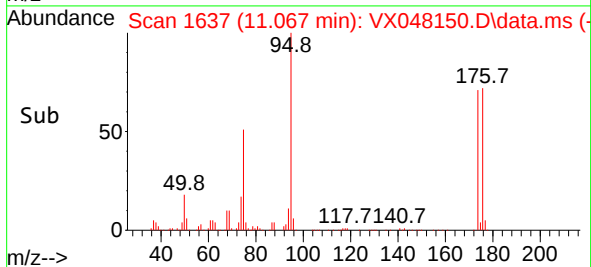
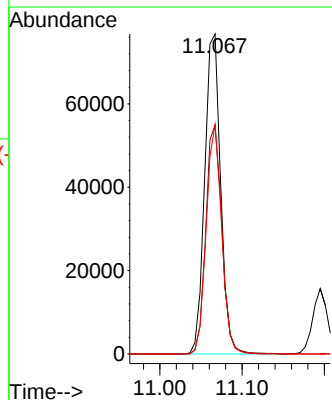
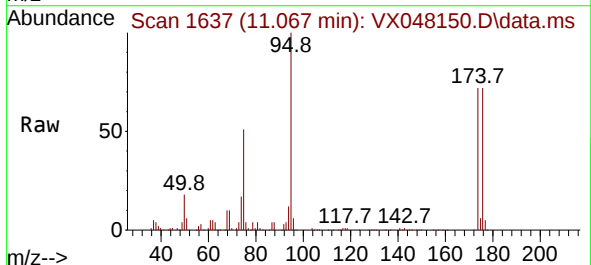
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#62
4-Bromofluorobenzene
Concen: 55.131 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

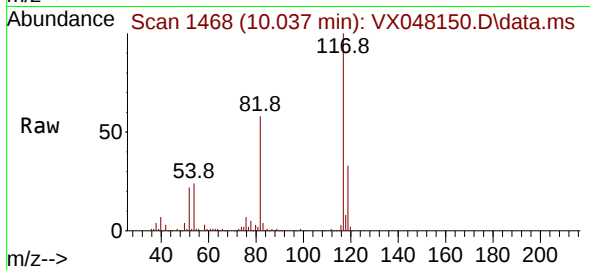
Tgt Ion: 95 Resp: 103303
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.3 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

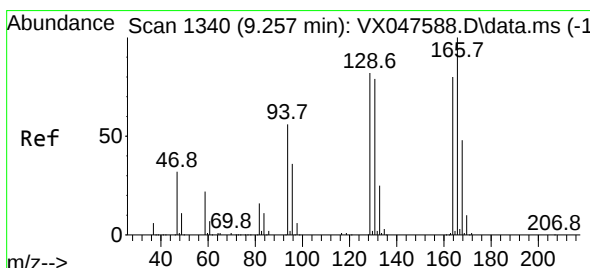
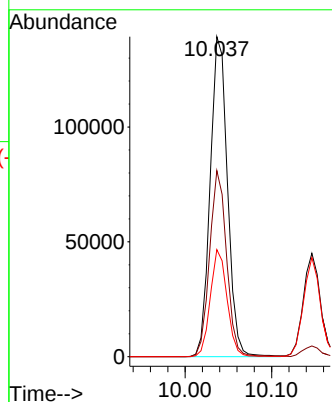
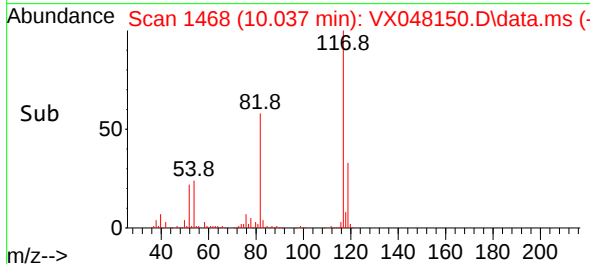
Instrument : MSVOA_X
ClientSampleId : MW-219MSD



Tgt Ion:117 Resp: 19336
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 33.5 25.2 37.8

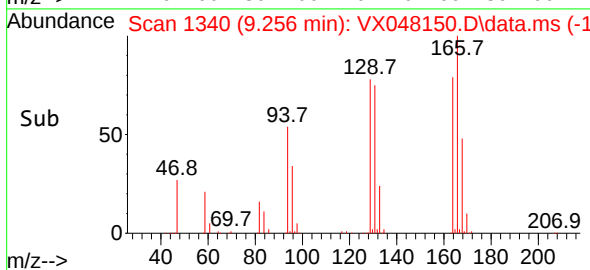
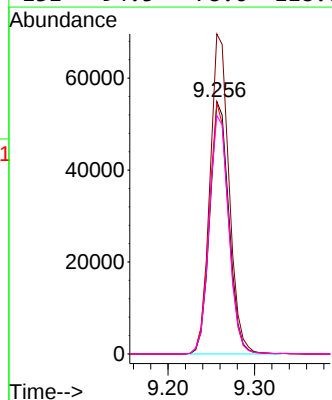
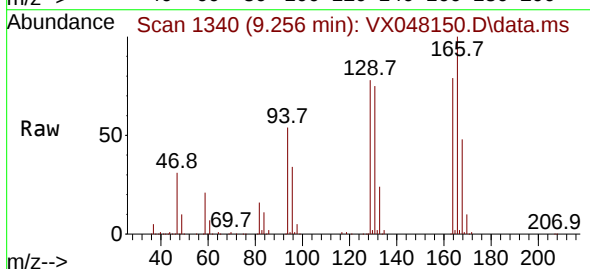
Manual Integrations
APPROVED

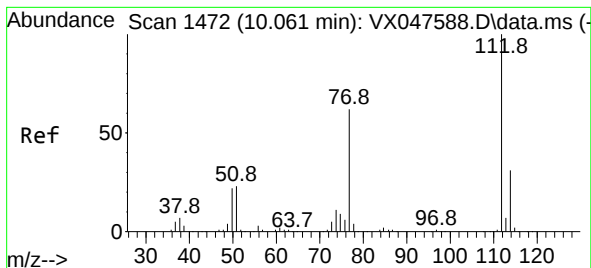
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#64
Tetrachloroethene
Concen: 66.794 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion:164 Resp: 84196
Ion Ratio Lower Upper
164 100
166 126.8 100.2 150.2
129 99.5 81.8 122.6
131 94.5 78.6 118.0





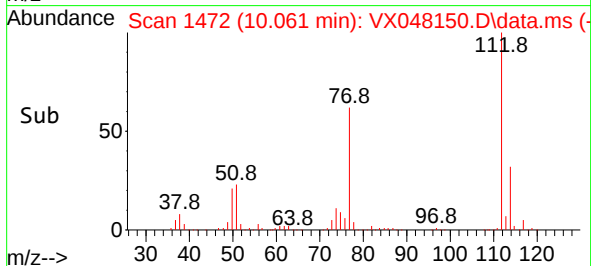
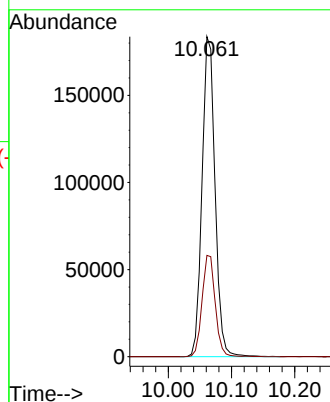
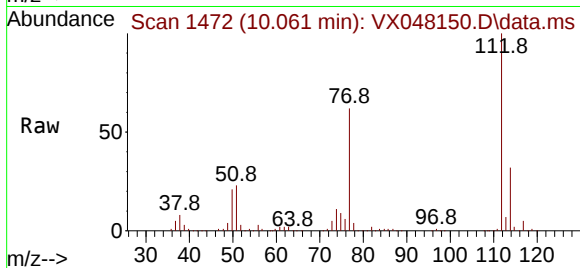
#65
Chlorobenzene
Concen: 59.795 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion:112 Resp: 262674
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

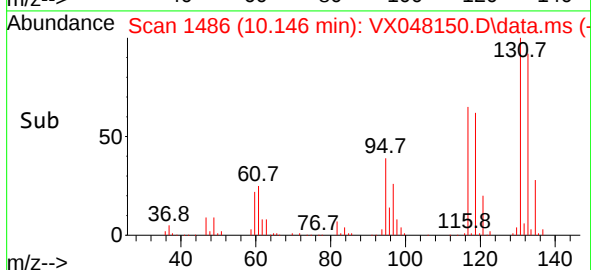
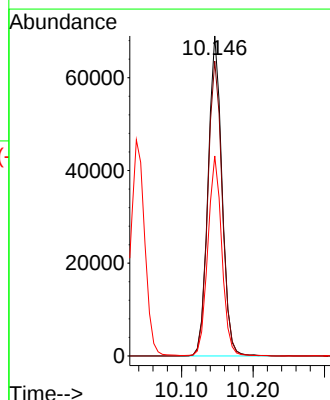
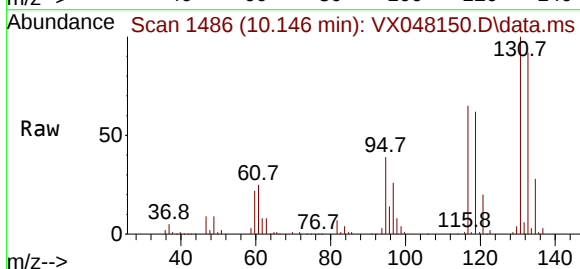
Manual Integrations
APPROVED

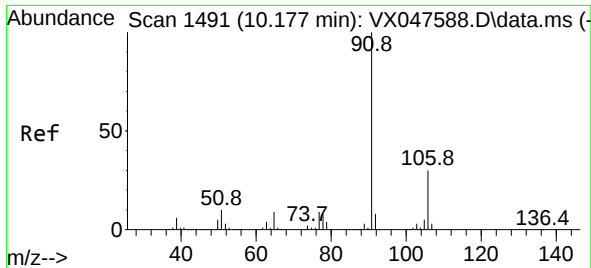
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 61.612 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

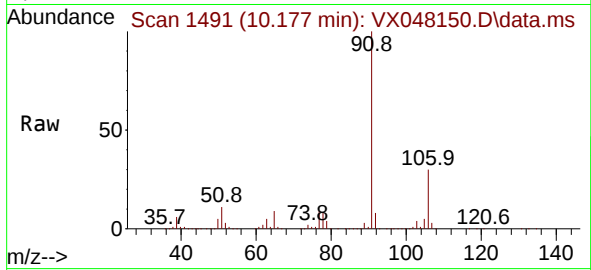
Tgt Ion:131 Resp: 93396
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 62.9 32.0 96.0





#67
Ethyl Benzene
Concen: 60.610 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

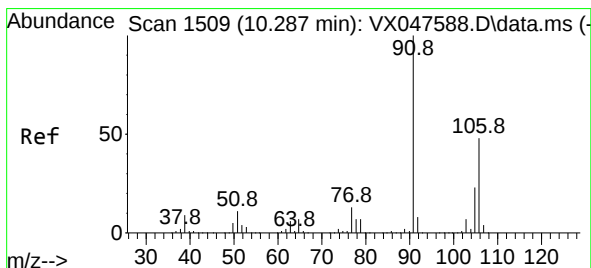
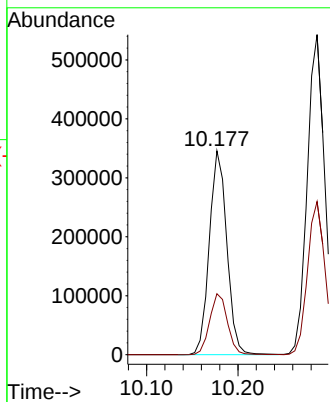
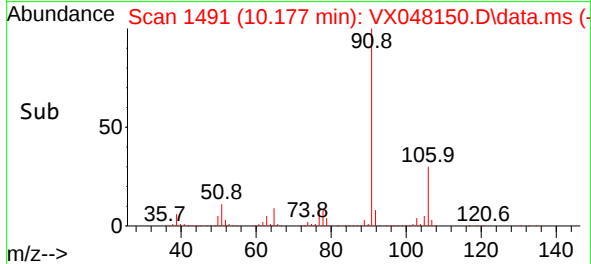
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 91 Resp: 45940
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5

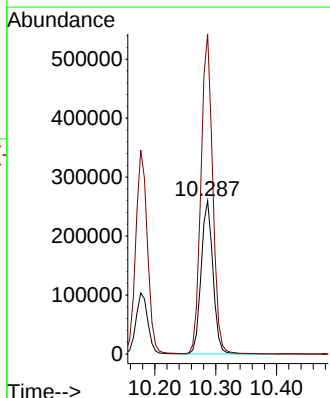
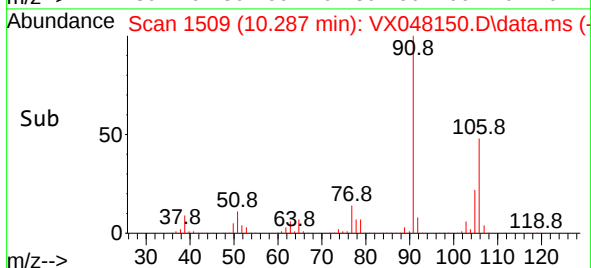
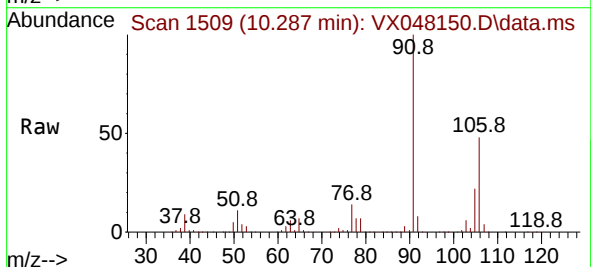
Manual Integrations
APPROVED

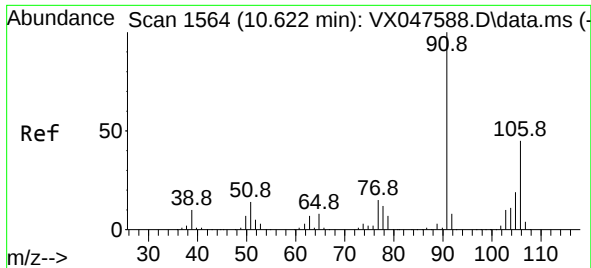
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#68
m/p-Xylenes
Concen: 123.827 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion:106 Resp: 349338
Ion Ratio Lower Upper
106 100
91 208.7 167.8 251.8





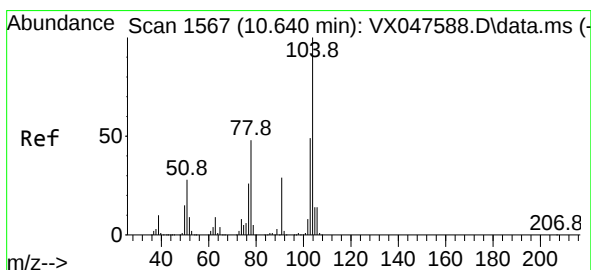
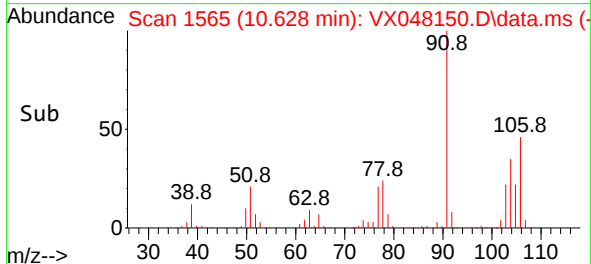
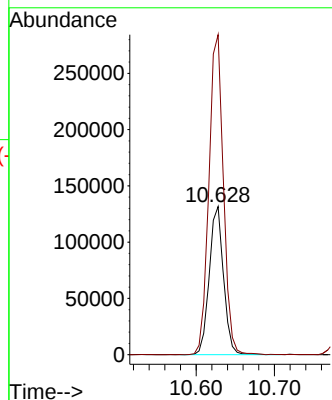
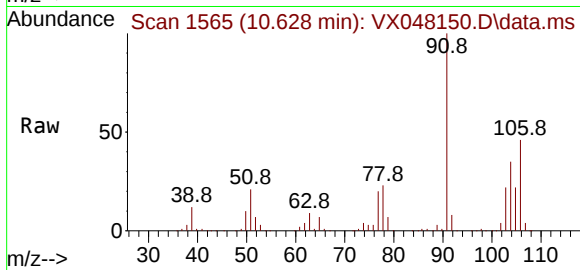
#69
o-Xylene
Concen: 60.769 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion:106 Resp: 165824
Ion Ratio Lower Upper
106 100
91 220.0 111.1 333.4

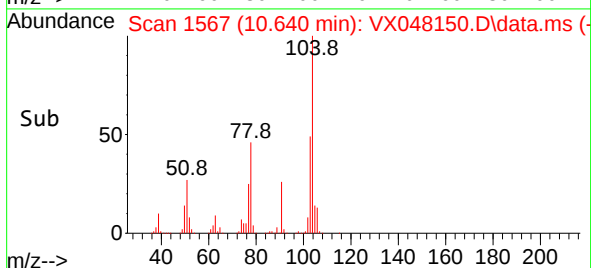
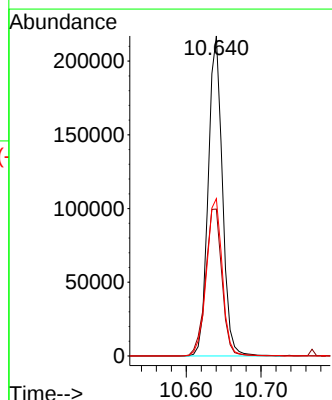
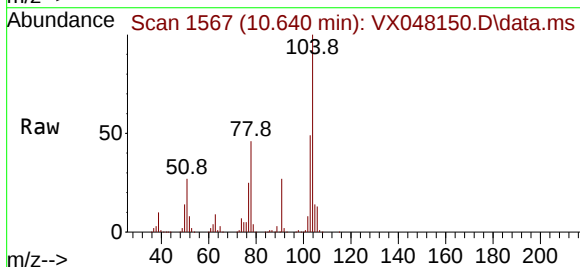
Manual Integrations
APPROVED

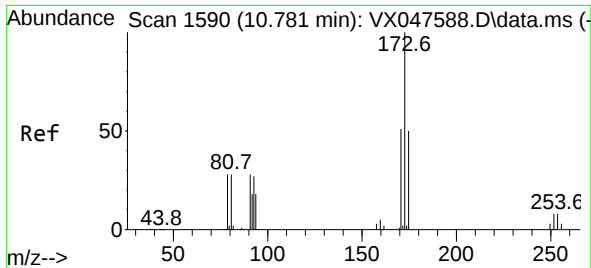
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#70
Styrene
Concen: 59.689 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

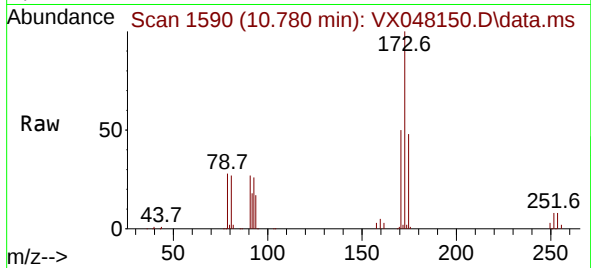
Tgt Ion:104 Resp: 285392
Ion Ratio Lower Upper
104 100
78 53.2 43.1 64.7
103 54.6 43.1 64.7





#71
Bromoform
Concen: 61.045 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

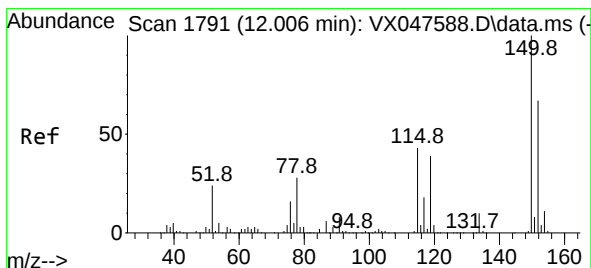
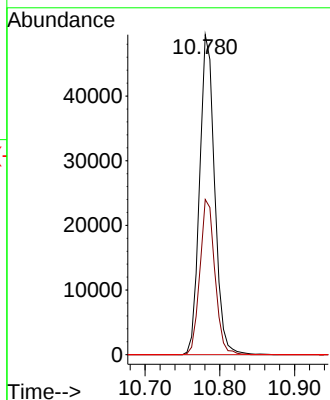
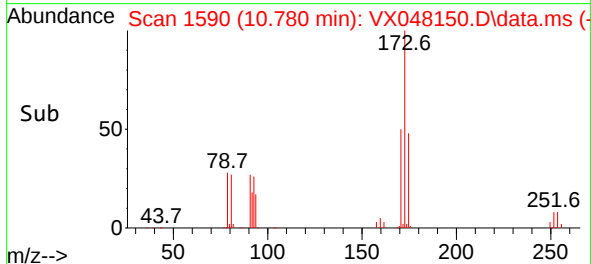
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:173 Resp: 69090
Ion Ratio Lower Upper
173 100
175 48.5 24.9 74.6
254 0.0 0.1 0.1

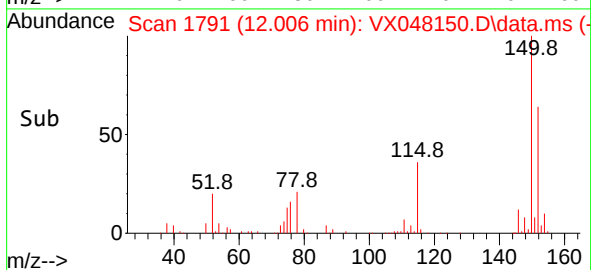
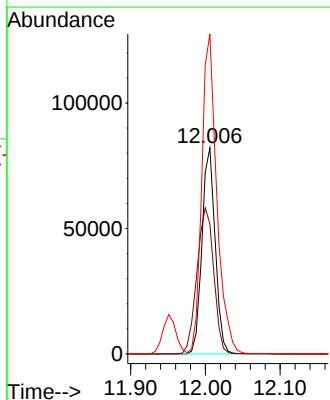
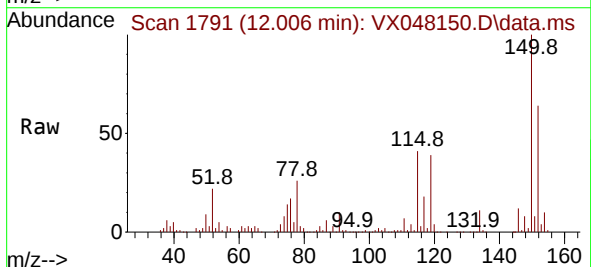
Manual Integrations
APPROVED

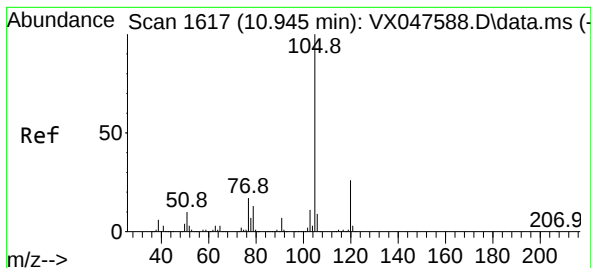
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion:152 Resp: 100768
Ion Ratio Lower Upper
152 100
115 90.0 44.9 134.5
150 177.1 0.0 352.0





#73

Isopropylbenzene

Concen: 56.494 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

MW-219MSD

Tgt Ion:105 Resp: 43280

Ion Ratio Lower Upper

105 100

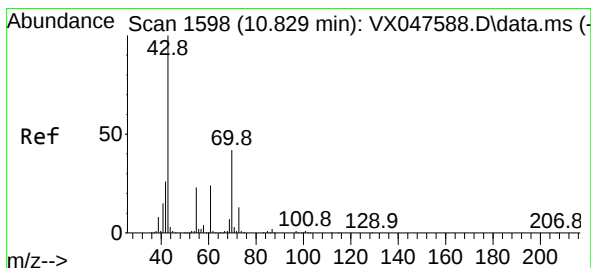
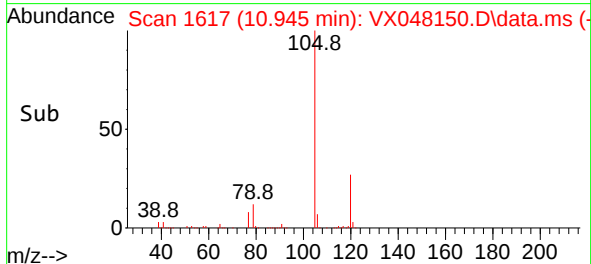
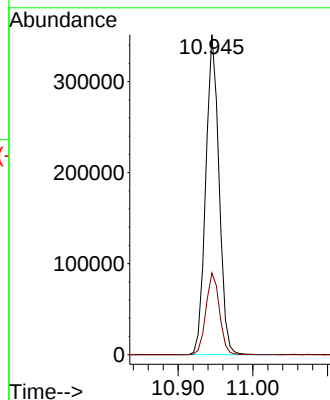
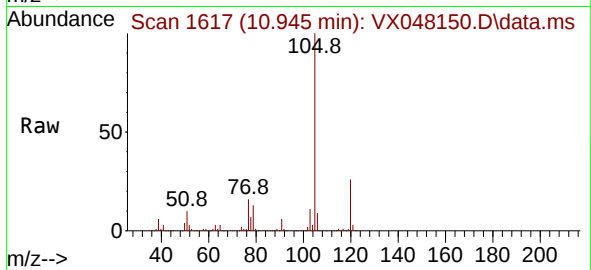
120 25.9 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#74

N-ethyl acetate

Concen: 50.764 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. -0.000 min

Lab File: VX048150.D

Acq: 13 Oct 2025 17:54

Tgt Ion: 43 Resp: 177346

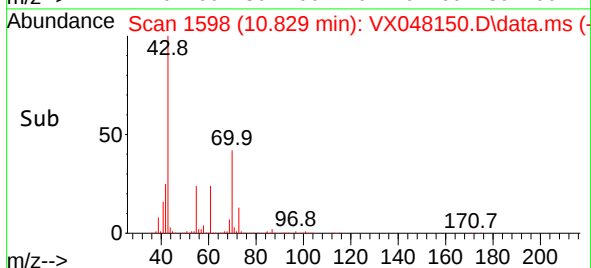
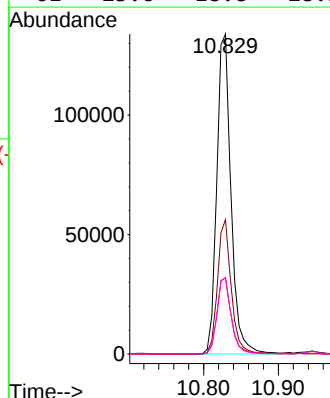
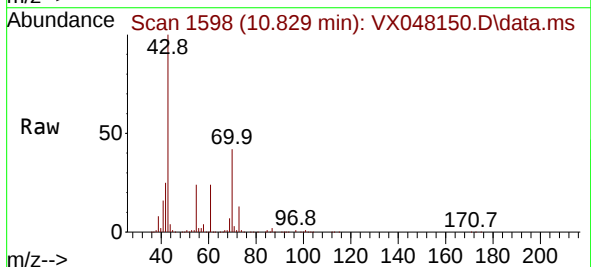
Ion Ratio Lower Upper

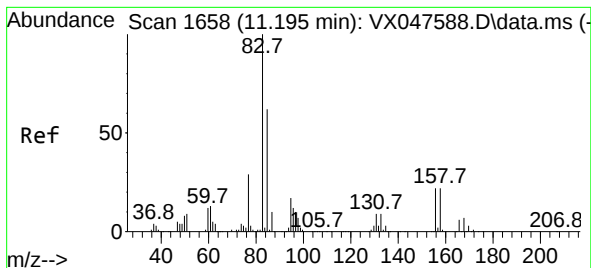
43 100

70 40.5 32.0 48.0

55 24.2 18.9 28.3

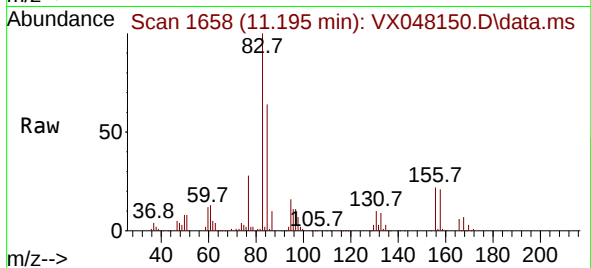
61 23.6 18.8 28.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.337 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048150.D
 Acq: 13 Oct 2025 17:54

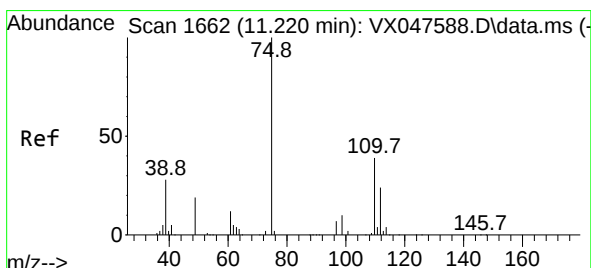
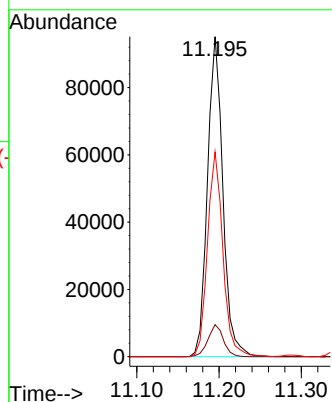
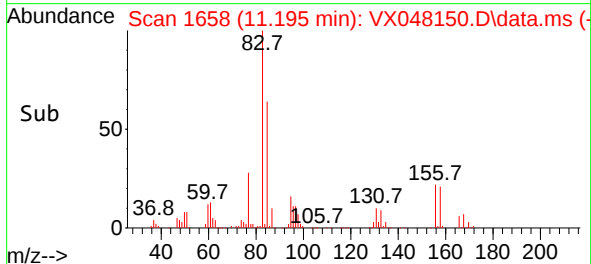
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MSD



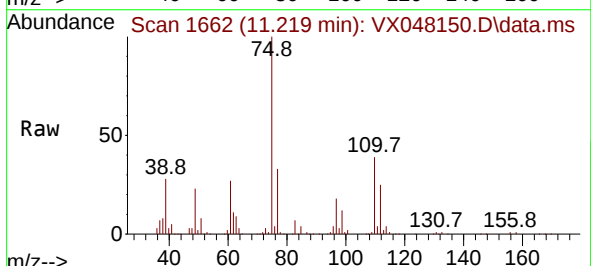
Tgt Ion: 83 Resp: 12362
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 64.0 31.6 95.0

Manual Integrations
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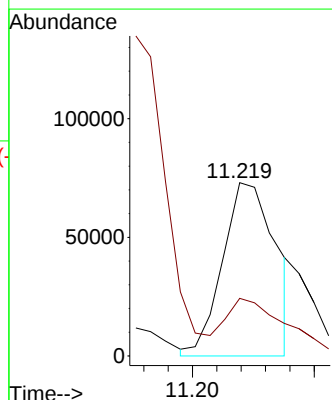
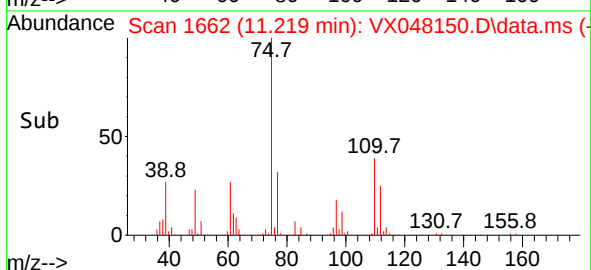
Reviewed By :John Carlone 10/14/2025
 Supervised By :Mahesh Dadoda 10/14/2025

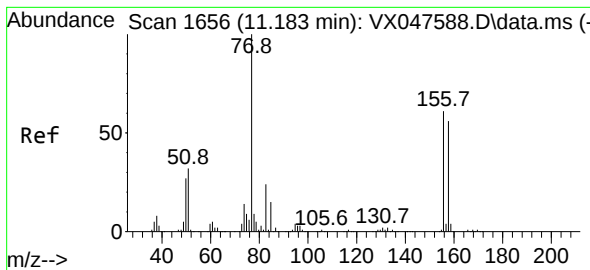


#76
 1,2,3-Trichloropropane
 Concen: 54.376 ug/l m
 RT: 11.219 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX048150.D
 Acq: 13 Oct 2025 17:54



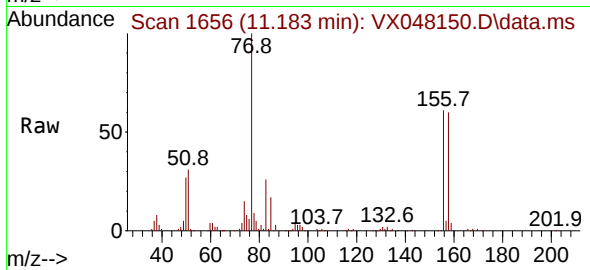
Tgt Ion: 75 Resp: 110939
 Ion Ratio Lower Upper
 75 100
 77 38.3 18.8 56.4





#77
Bromobenzene
Concen: 54.848 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

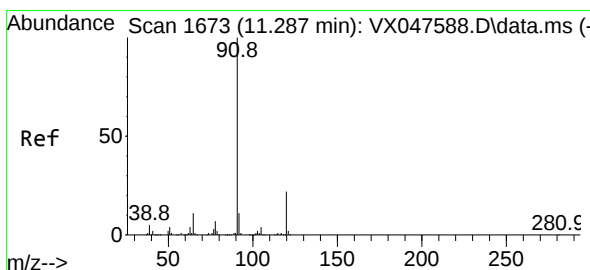
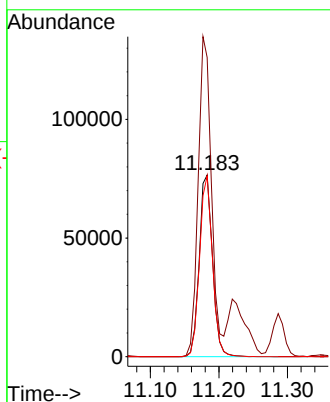
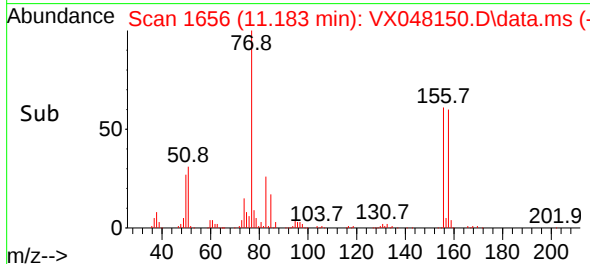
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



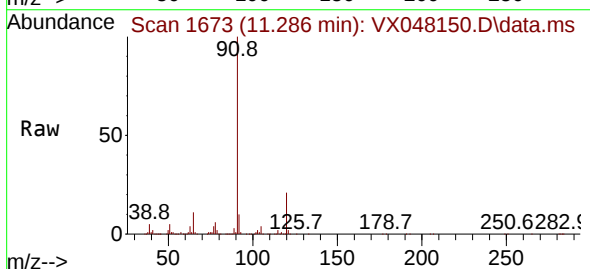
Tgt Ion:156 Resp: 103490
Ion Ratio Lower Upper
156 100
77 176.0 89.7 269.1
158 96.8 47.9 143.6

Manual Integrations
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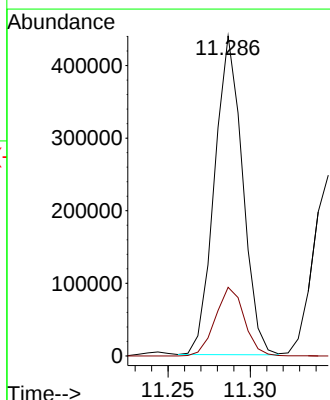
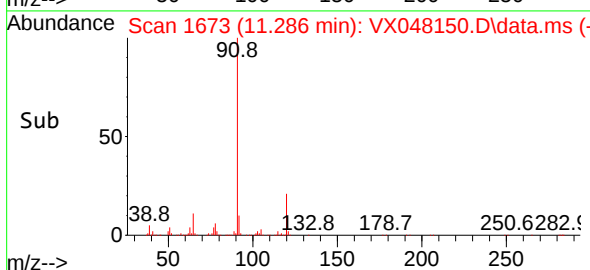
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

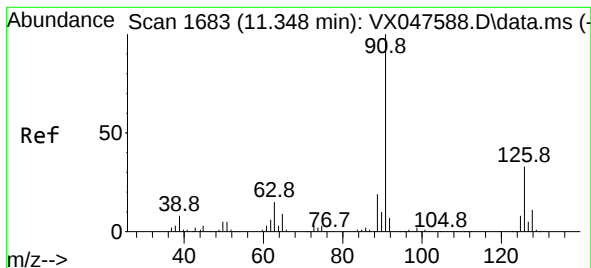


#78
n-propylbenzene
Concen: 57.533 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54



Tgt Ion: 91 Resp: 521035
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1





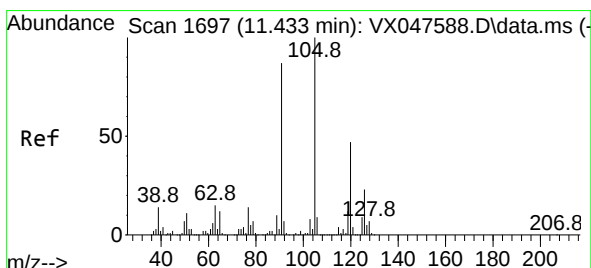
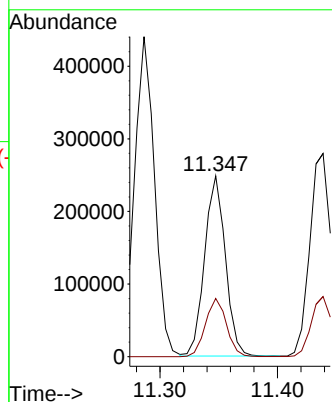
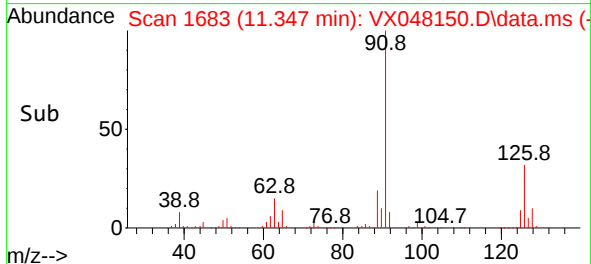
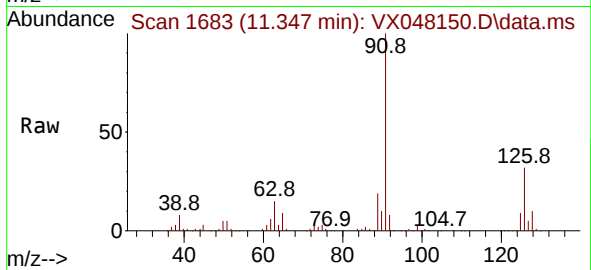
#79
2-Chlorotoluene
Concen: 54.878 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Tgt Ion: 91 Resp: 304394
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3

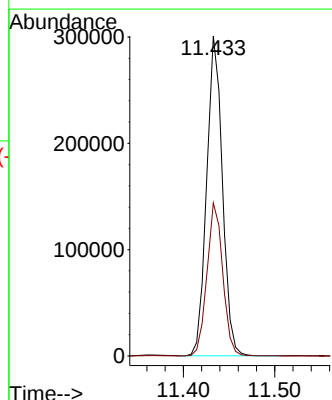
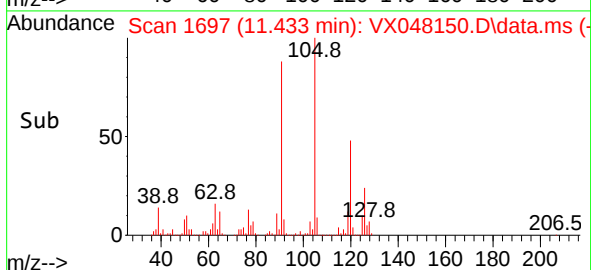
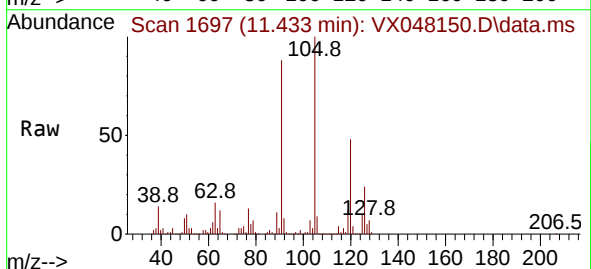
Manual Integrations
APPROVED

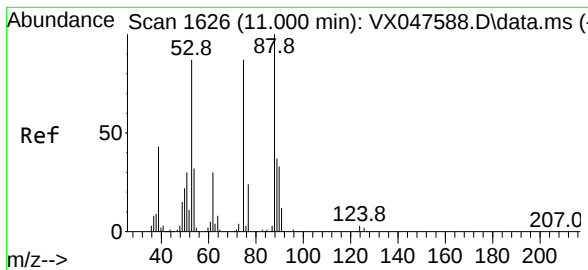
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.982 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

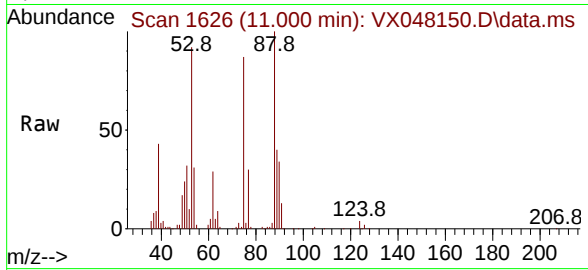
Tgt Ion:105 Resp: 358655
Ion Ratio Lower Upper
105 100
120 48.1 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.785 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

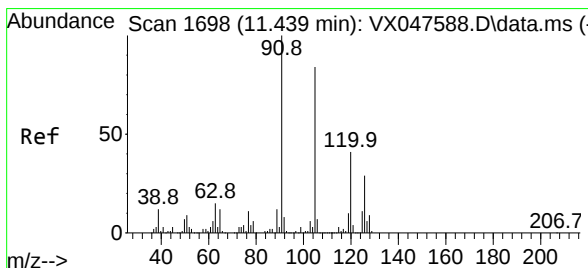
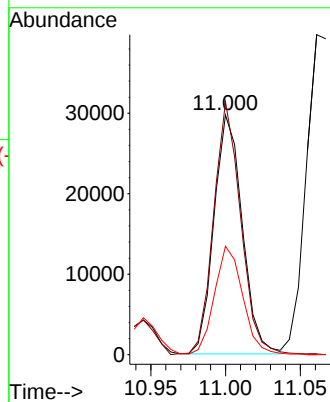
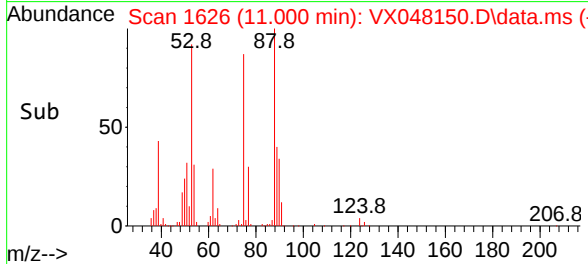
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 75 Resp: 39030
Ion Ratio Lower Upper
75 100
53 101.8 83.4 125.2
89 45.5 36.3 54.5

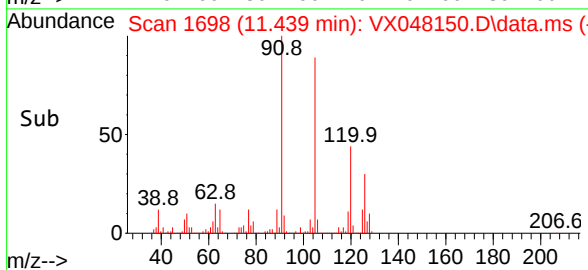
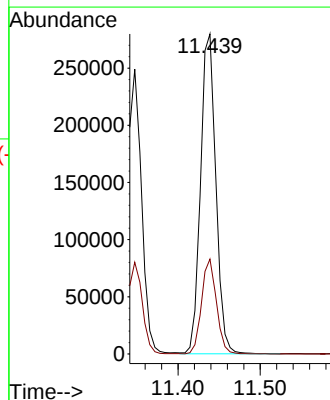
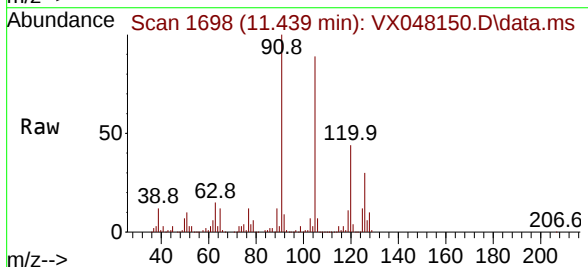
Manual Integrations
APPROVED

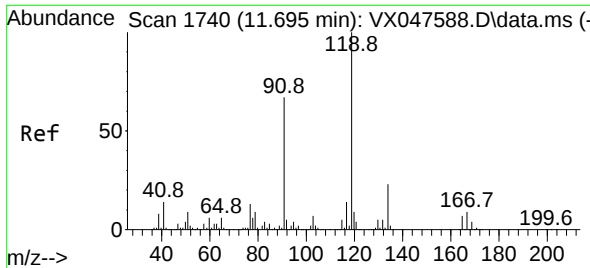
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#82
4-Chlorotoluene
Concen: 55.180 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

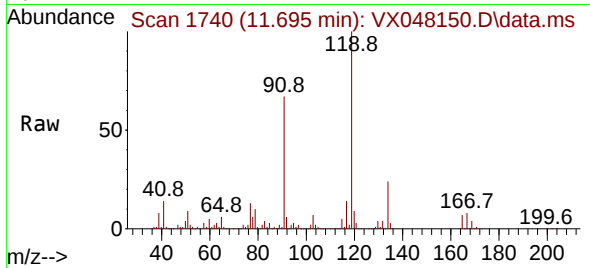
Tgt Ion: 91 Resp: 361484
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 54.726 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

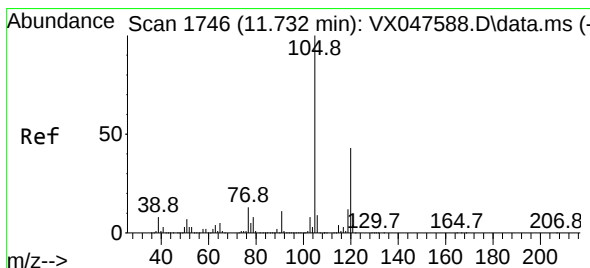
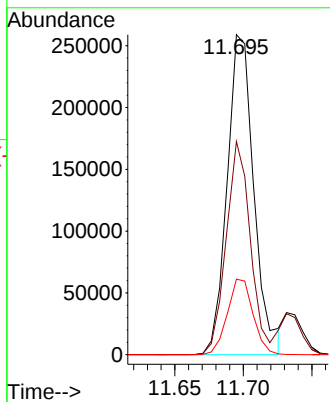
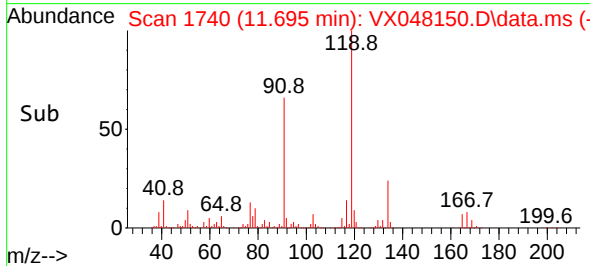
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



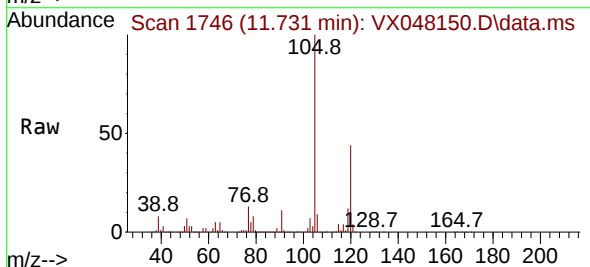
Tgt Ion:119 Resp: 352610
Ion Ratio Lower Upper
119 100
91 60.2 29.6 88.8
134 22.7 11.0 33.0

Manual Integrations
APPROVED

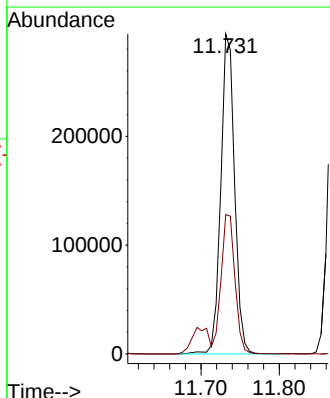
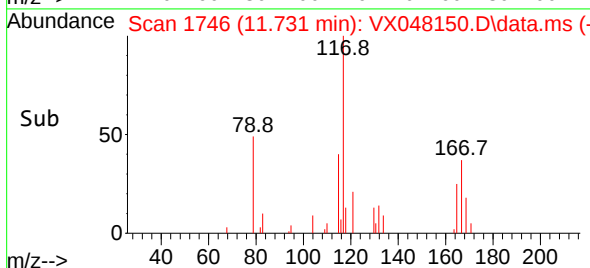
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

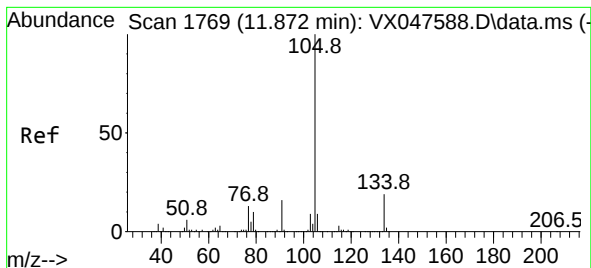


#84
1,2,4-Trimethylbenzene
Concen: 56.733 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54



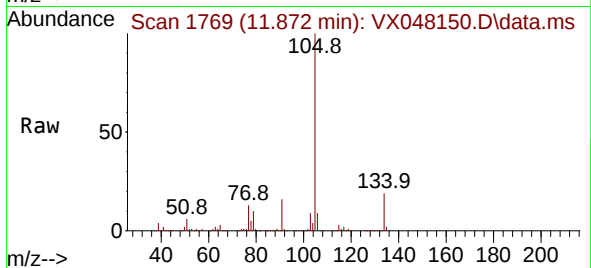
Tgt Ion:105 Resp: 362030
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 57.801 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048150.D
 Acq: 13 Oct 2025 17:54

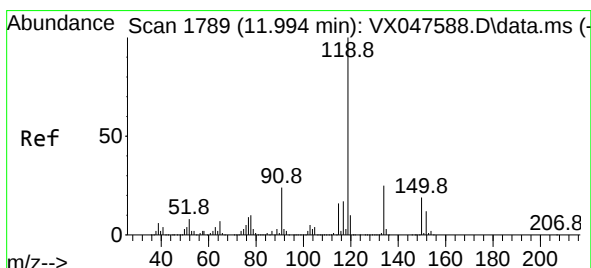
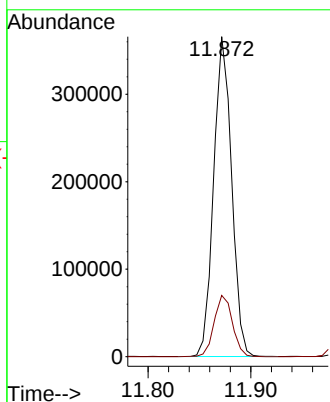
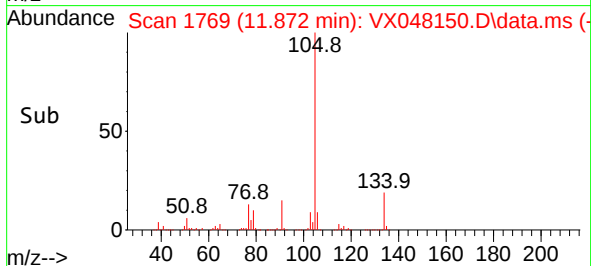
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219MSD



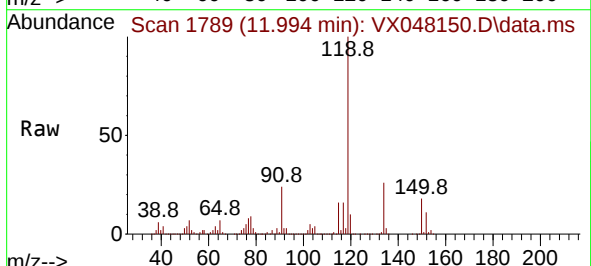
Tgt Ion:105 Resp: 442370
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

Manual Integrations
 APPROVED

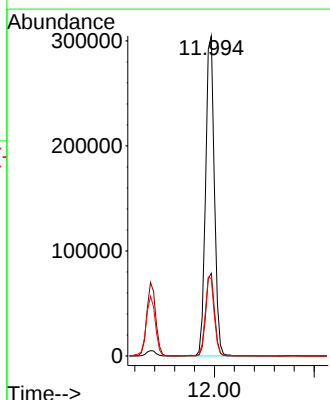
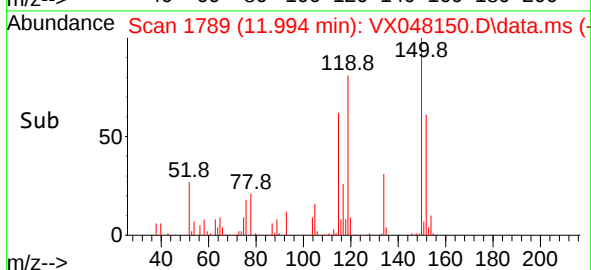
Reviewed By :John Carlone 10/14/2025
 Supervised By :Mahesh Dadoda 10/14/2025

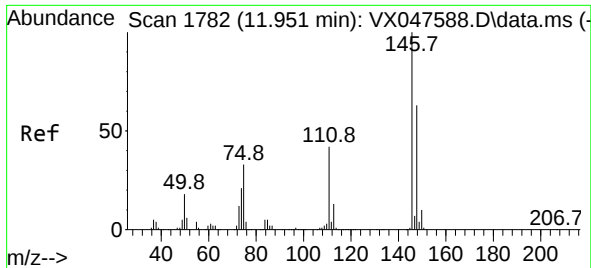


#86
 p-Isopropyltoluene
 Concen: 57.342 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX048150.D
 Acq: 13 Oct 2025 17:54



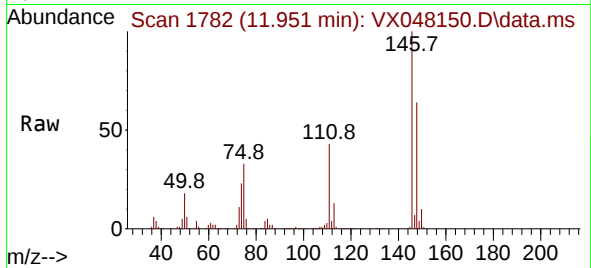
Tgt Ion:119 Resp: 371532
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.3 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 54.986 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

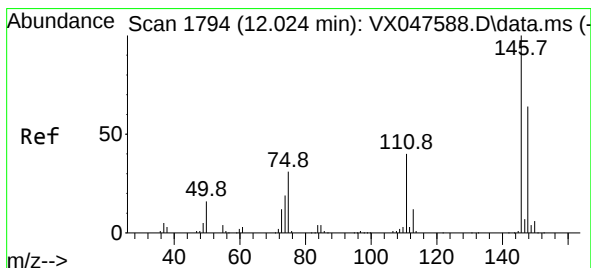
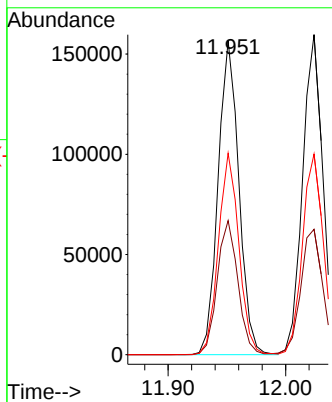
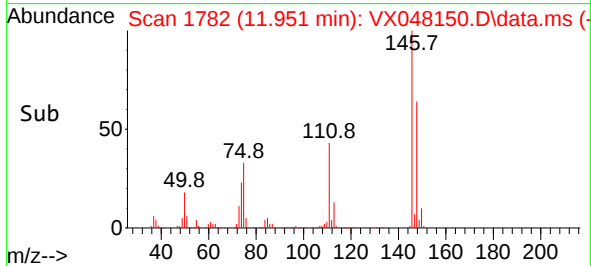
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



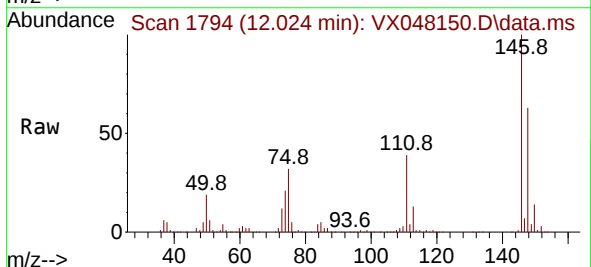
Tgt Ion:146 Resp: 192709
Ion Ratio Lower Upper
146 100
111 42.6 21.5 64.5
148 63.2 32.0 96.0

Manual Integrations
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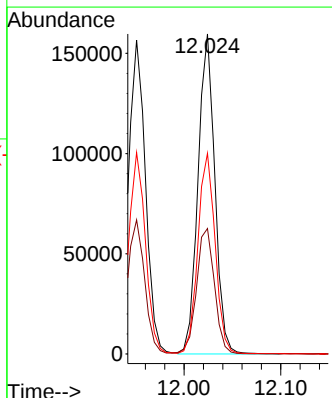
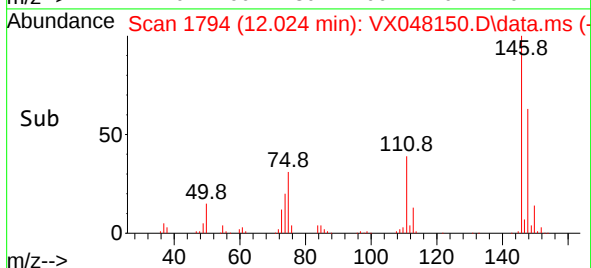
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

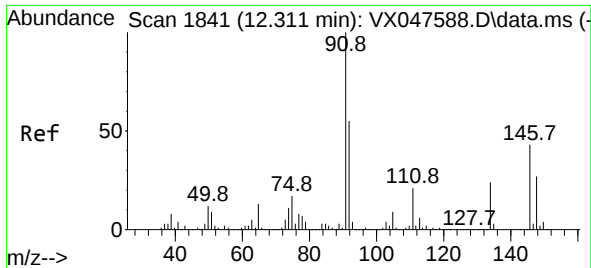


#88
1,4-Dichlorobenzene
Concen: 53.883 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54



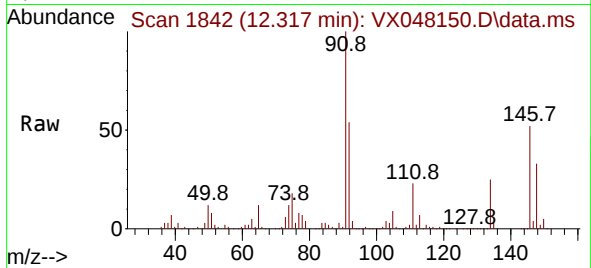
Tgt Ion:146 Resp: 193816
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.4
148 64.5 31.7 95.1





#89
n-Butylbenzene
Concen: 57.888 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

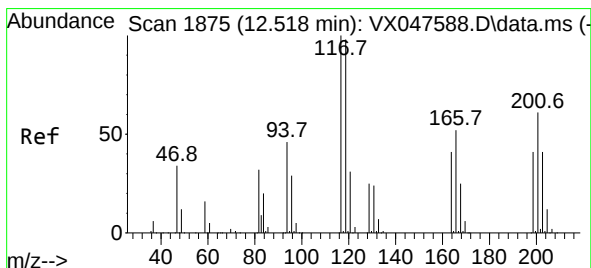
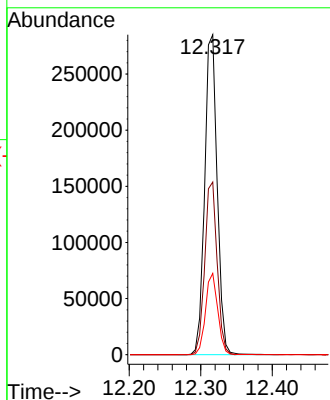
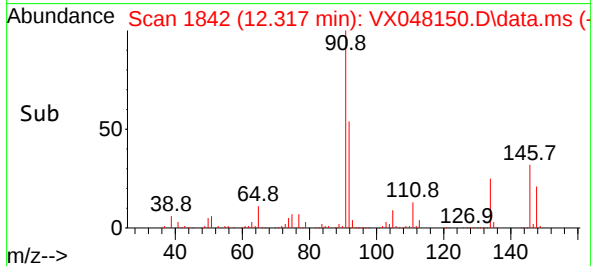
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion: 91 Resp: 347054
Ion Ratio Lower Upper
91 100
92 53.5 27.6 82.7
134 24.9 12.6 37.8

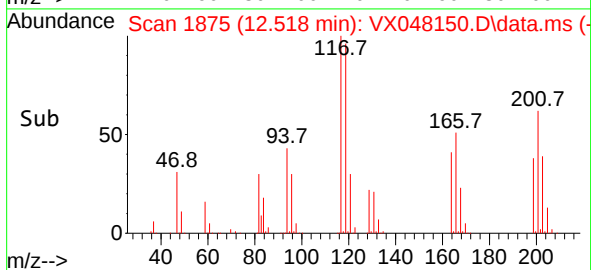
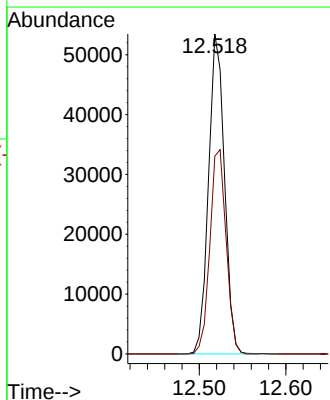
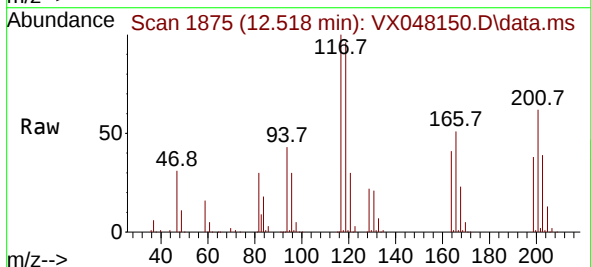
Manual Integrations
APPROVED

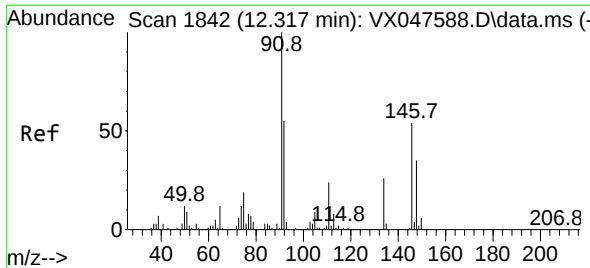
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#90
Hexachloroethane
Concen: 60.054 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

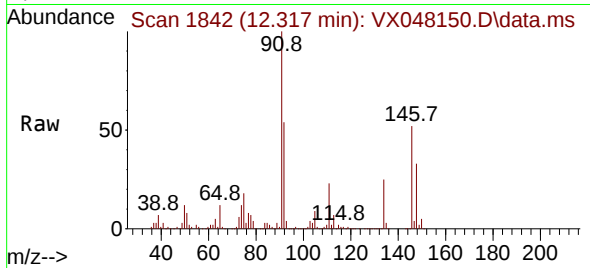
Tgt Ion:117 Resp: 68315
Ion Ratio Lower Upper
117 100
201 65.2 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 54.821 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

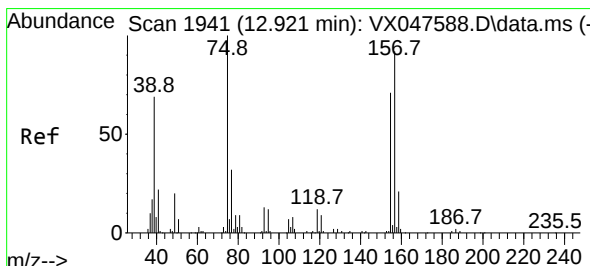
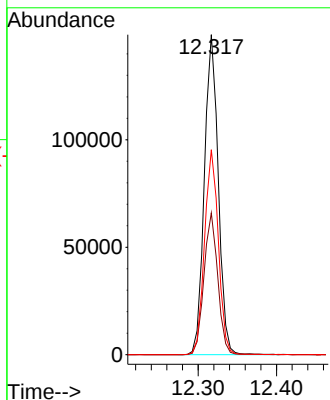
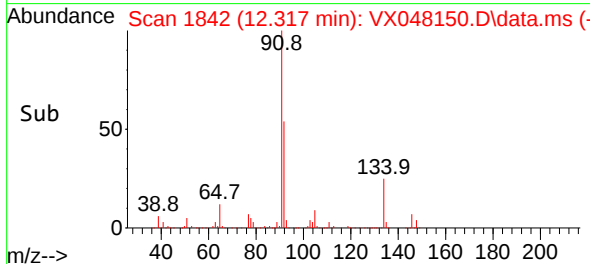
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:146 Resp: 183044
Ion Ratio Lower Upper
146 100
111 44.1 22.2 66.6
148 63.7 31.8 95.4

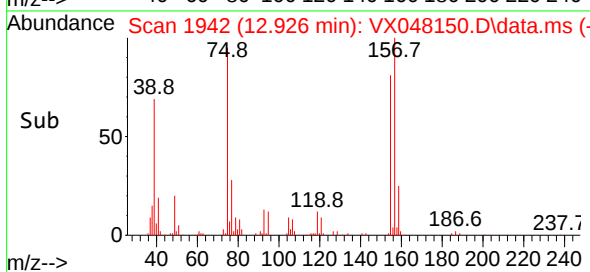
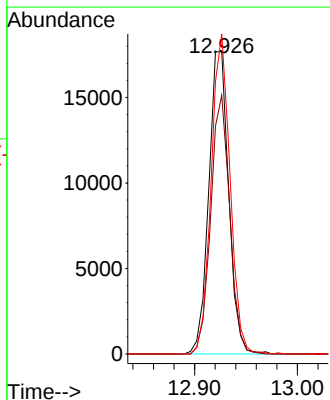
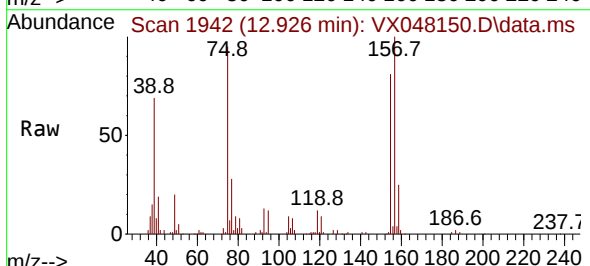
Manual Integrations
APPROVED

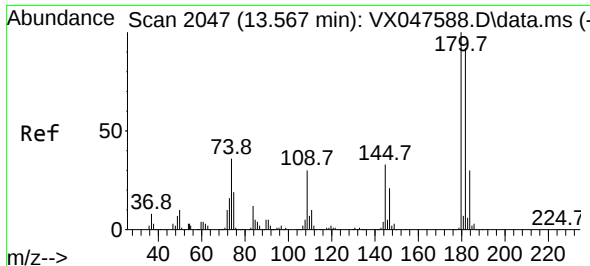
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.827 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

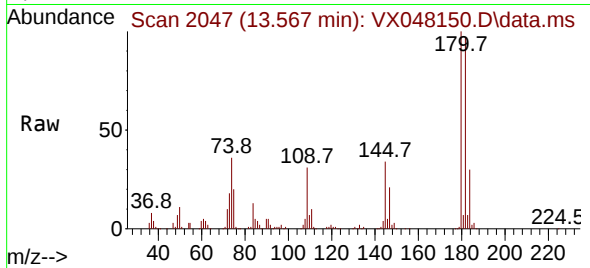
Tgt Ion: 75 Resp: 23852
Ion Ratio Lower Upper
75 100
155 81.4 37.7 113.1
157 100.1 49.8 149.4





#93
1,2,4-Trichlorobenzene
Concen: 53.507 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

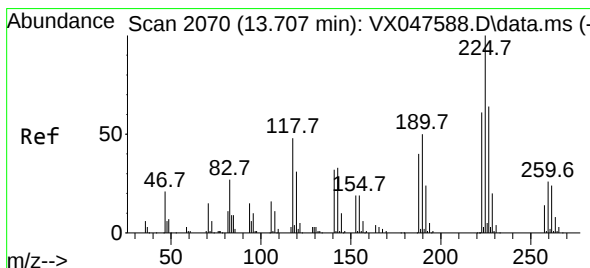
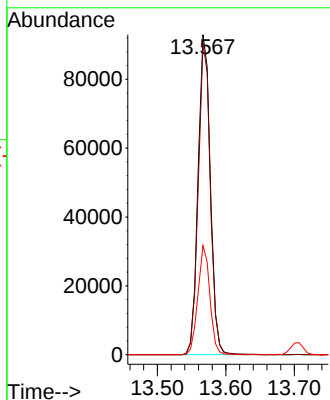
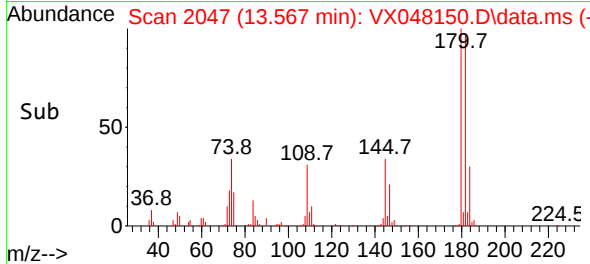
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



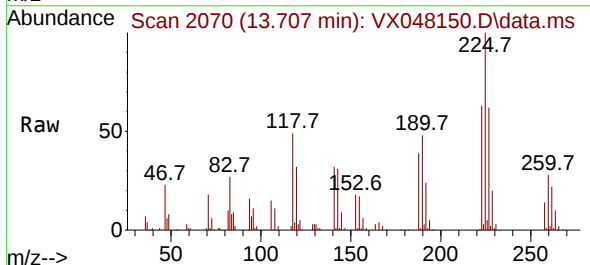
Tgt Ion:180 Resp: 116110
Ion Ratio Lower Upper
180 100
182 95.7 46.6 139.8
145 33.2 16.4 49.1

Manual Integrations
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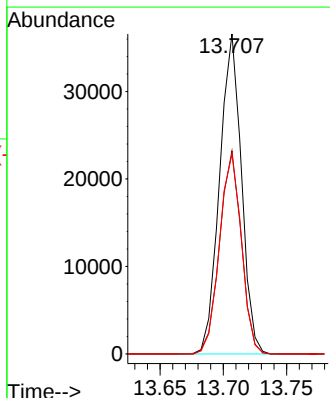
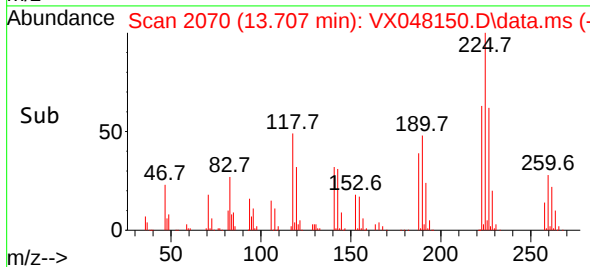
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

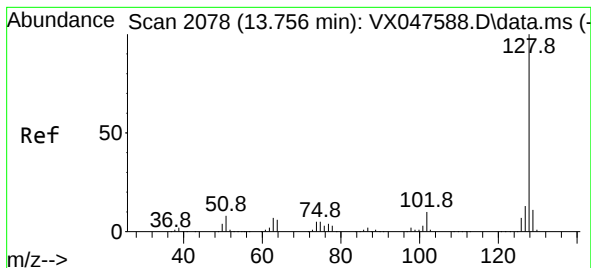


#94
Hexachlorobutadiene
Concen: 59.410 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54



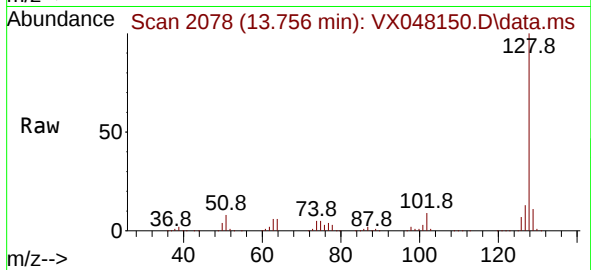
Tgt Ion:225 Resp: 43790
Ion Ratio Lower Upper
225 100
223 63.0 31.7 95.1
227 62.8 32.0 96.0





#95
Naphthalene
Concen: 52.259 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

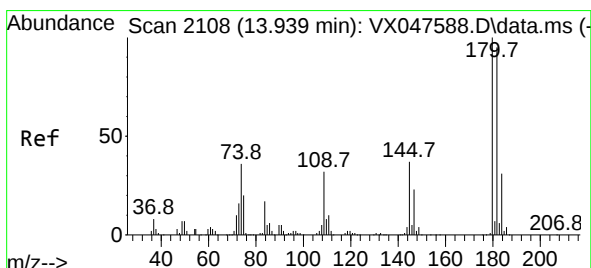
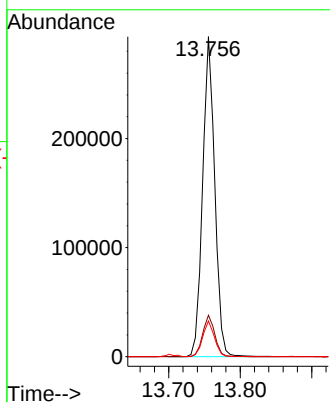
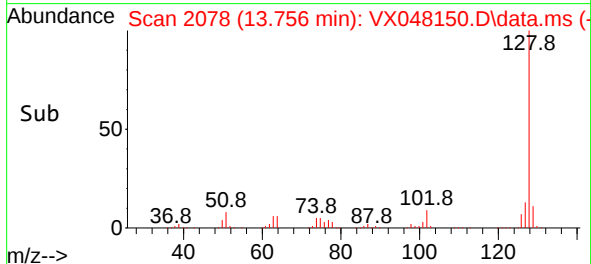
Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD



Tgt Ion:128 Resp: 345310
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.930 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048150.D
Acq: 13 Oct 2025 17:54

Tgt Ion:180 Resp: 108861
Ion Ratio Lower Upper
180 100
182 96.7 47.6 142.8
145 34.9 17.9 53.7

