

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048054.D
 Acq On : 07 Oct 2025 17:43
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Oct 08 02:18:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100725W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 08 02:15:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/08/2025
 Supervised By : Mahesh Dadoda 10/09/2025

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

Internal Standards						
1) Bromochloromethane	4.891	128	26060m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	161556	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.037	117	147460	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	75628	33.646	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.167%#			
60) 4-Bromofluorobenzene	11.061	95	73149	29.495	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.333%			
63) Toluene-d8	8.634	98	200534	30.481	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	102479	57.282	ug/l	98
3) Chloromethane	1.300	50	111199	59.362	ug/l	100
4) Vinyl Chloride	1.380	62	111533	61.096	ug/l	94
5) Bromomethane	1.617	94	62891	58.629	ug/l	98
6) Chloroethane	1.697	64	69724	64.264	ug/l	97
7) Trichlorofluoromethane	1.898	101	153924	59.798	ug/l	98
8) Diethyl Ether	2.136	74	59872	64.402	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	84948	52.317	ug/l	99
10) 1,1-Dichloroethene	2.325	96	89184	54.456	ug/l	95
11) Methyl Iodide	2.459	142	125304m	58.791	ug/l	
12) Methyl Acetate	2.703	43	103837	54.722	ug/l	100
13) Acrolein	2.239	56	88841	381.185	ug/l	100
14) Acrylonitrile	3.056	53	252561	293.054	ug/l	98
15) Acetone	2.373	58	57372	287.144	ug/l	93
16) Carbon Disulfide	2.520	76	275547	59.128	ug/l	99
17) Allyl chloride	2.666	41	165666	56.030	ug/l	98
18) Methylene Chloride	2.788	84	107137	58.361	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	96425	56.060	ug/l	90
20) Diisopropyl ether	3.757	45	341808	59.151	ug/l #	79
21) 1,1-Dichloroethane	3.605	63	183569	56.375	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	114237	57.553	ug/l #	86
23) tert-Butyl Alcohol	2.940	59	59547	322.979	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	312784	60.576	ug/l	100
25) Chloroform	5.080	83	188487	56.405	ug/l	98
26) Cyclohexane	5.458	56	148095	51.630	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	120201	48.298	ug/l	98
30) 2-Butanone	4.544	43	302336	266.041	ug/l	97
31) 2,2-Dichloropropane	4.464	77	132566	57.148	ug/l #	91
32) 1,1,1-Trichloroethane	5.379	97	155516	49.952	ug/l	99
33) Carbon Tetrachloride	5.672	117	127063m	47.426	ug/l	
34) Benzene	6.025	78	392489	52.591	ug/l	97
35) Methacrylonitrile	4.910	41	70961	50.841	ug/l	98
36) 1,2-Dichloroethane	6.074	62	146292	52.146	ug/l	98
37) Trichloroethene	7.110	130	93992	50.653	ug/l	93
38) Methylcyclohexane	7.366	83	137334	44.368	ug/l	98
39) 1,2-Dichloropropane	7.415	63	97178	51.805	ug/l	99
40) Dibromomethane	7.568	93	73039	52.016	ug/l #	62
41) Bromodichloromethane	7.805	83	151915	53.589	ug/l #	94
42) Vinyl Acetate	3.715	43	1456204	285.734	ug/l	100

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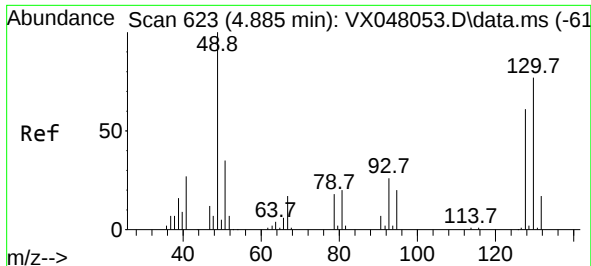
Manual Integrations
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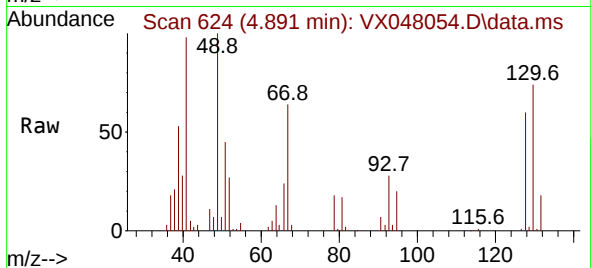
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.696	43	132926	55.090	ug/l	98
44) Isopropyl Acetate	6.324	43	215967	56.008	ug/l	99
45) 1,4-Dioxane	7.647	88	26487	1109.215	ug/l #	96
46) Methyl methacrylate	7.677	41	110123	53.874	ug/l	97
47) n-amyl Acetate	10.829	43	189267	54.285	ug/l	100
48) t-1,3-Dichloropropene	8.964	75	147570	56.238	ug/l	99
49) cis-1,3-Dichloropropene	8.354	75	160156	55.226	ug/l	98
50) 1,1,2-Trichloroethane	9.134	97	91861	51.851	ug/l	98
51) Ethyl methacrylate	9.104	69	145695	54.404	ug/l	96
52) 1,3-Dichloropropane	9.293	76	162724	53.035	ug/l	99
53) Dibromochloromethane	9.506	129	106624	54.748	ug/l #	29
54) 1,2-Dibromoethane	9.592	107	98691	53.099	ug/l	100
55) 2-Chloroethyl vinyl ether	8.226	63	381611	275.524	ug/l	99
56) Bromoform	10.817	173	446m	0.439	ug/l	
58) 4-Methyl-2-Pentanone	8.555	43	646851	266.857	ug/l	98
59) 2-Hexanone	9.415	43	451096	266.051	ug/l	99
61) Tetrachloroethene	9.256	164	74139	48.624	ug/l	95
62) Toluene	8.702	91	407485	51.209	ug/l	100
64) Chlorobenzene	10.061	112	259638	50.489	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.146	131	92291	53.072	ug/l #	85
66) Ethyl Benzene	10.177	91	448296	49.887	ug/l	98
67) m/p-Xylenes	10.287	106	340689	101.713	ug/l	100
68) o-Xylene	10.628	106	162850	50.724	ug/l	97
69) Styrene	10.640	104	286831	51.772	ug/l	98
70) Isopropylbenzene	10.945	105	409772	47.900	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.195	83	129480	50.592	ug/l	98
72) 1,2,3-Trichloropropane	11.219	75	101978m	47.203	ug/l	
73) Bromobenzene	11.183	156	101684	50.077	ug/l	98
74) n-propylbenzene	11.286	91	501827	49.132	ug/l	99
75) 2-Chlorotoluene	11.347	91	300828	48.849	ug/l	98
76) 1,3,5-Trimethylbenzene	11.433	105	343826	48.469	ug/l	100
77) t-1,4-Dichloro-2-butene	11.000	75	39301	53.442	ug/l	96
78) 4-Chlorotoluene	11.439	91	356365	49.979	ug/l	100
79) tert-butylbenzene	11.695	119	334698	47.761	ug/l	100
80) 1,2,4-Trimethylbenzene	11.731	105	345068	49.080	ug/l	100
81) sec-Butylbenzene	11.872	105	403360	45.143	ug/l	100
82) p-Isopropyltoluene	11.994	119	341754	46.551	ug/l	100
83) 1,3-Dichlorobenzene	11.951	146	188958	50.187	ug/l	99
84) 1,4-Dichlorobenzene	12.024	146	189392	49.963	ug/l	99
85) n-Butylbenzene	12.317	91	315830	45.065	ug/l	99
86) Hexachloroethane	12.518	117	64260	53.410	ug/l	98
87) 1,2-Dichlorobenzene	12.317	146	182890	50.449	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.920	75	26201	50.434	ug/l	97
89) 1,2,4-Trichlorobenzene	13.567	180	111625	47.599	ug/l	97
90) Hexachlorobutadiene	13.707	225	27724	28.526	ug/l	70
91) Naphthalene	13.756	128	355217	47.995	ug/l	99
92) 1,2,3-Trichlorobenzene	13.938	180	108648	47.596	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

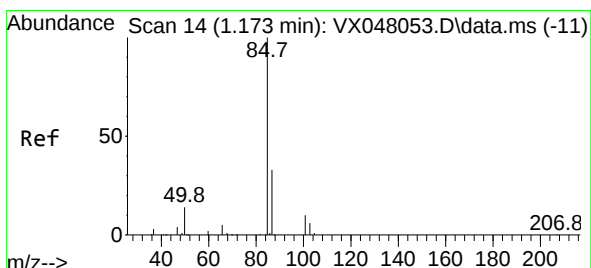
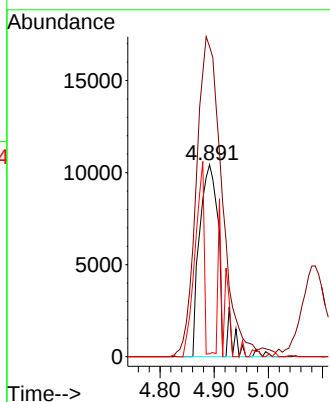
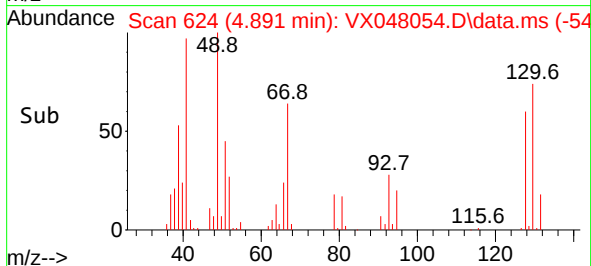
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 26060
Ion Ratio Lower Upper
128 100
49 218.1 0.0 601.2
130 0.8 0.0 286.0

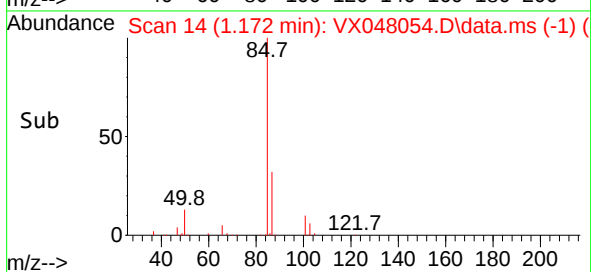
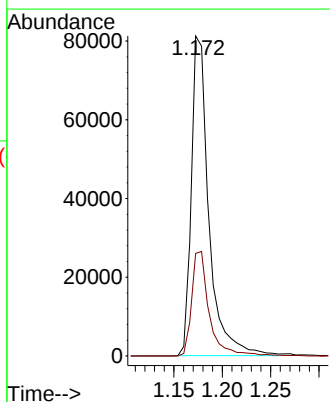
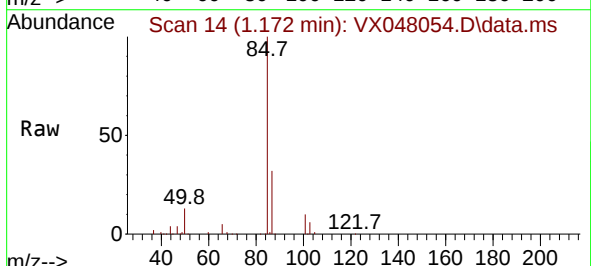
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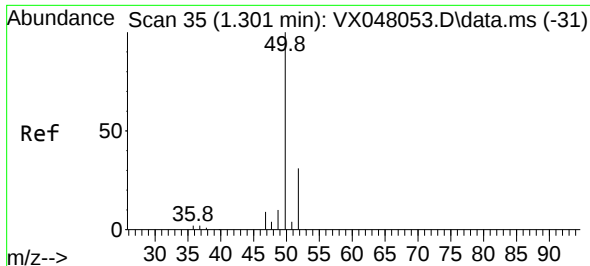
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#2
Dichlorodifluoromethane
Concen: 57.282 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

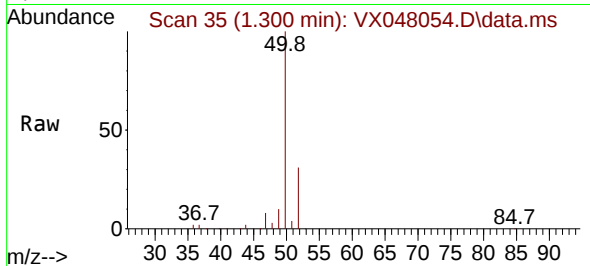
Tgt Ion: 85 Resp: 102479
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8





#3
Chloromethane
Concen: 59.362 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

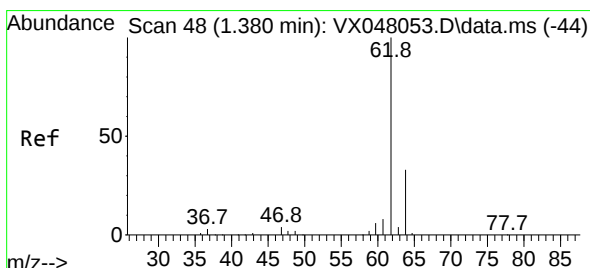
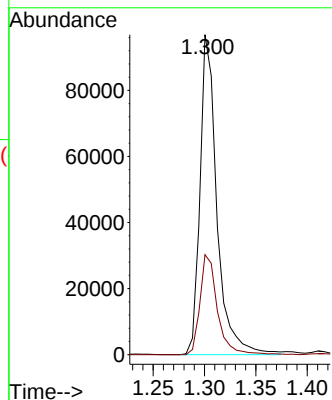
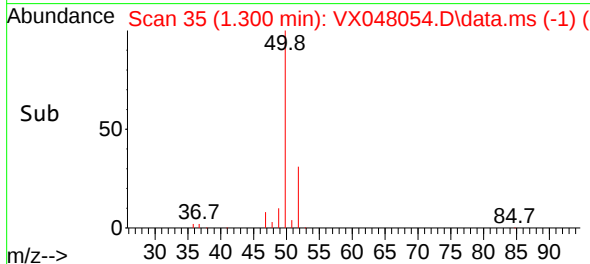
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 50 Resp: 111199
Ion Ratio Lower Upper
50 100
52 31.3 24.9 37.3

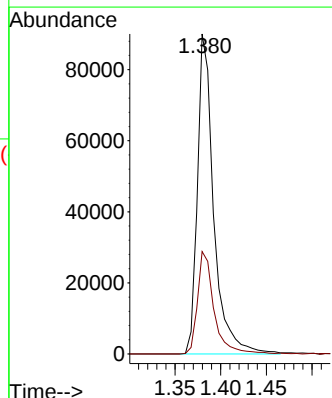
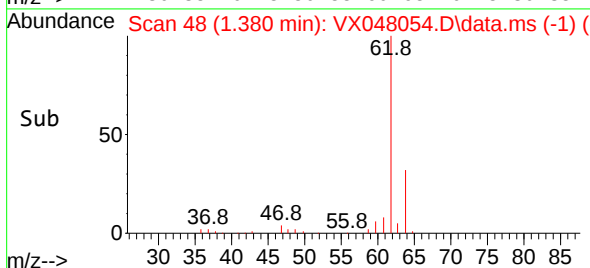
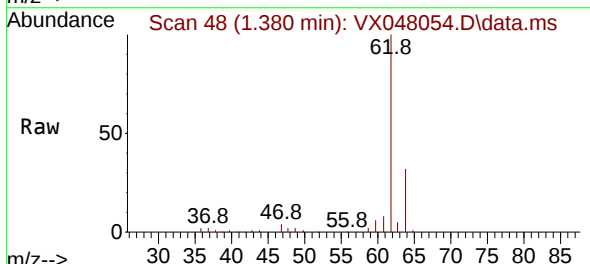
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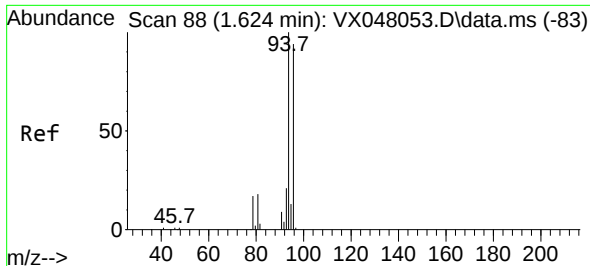
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#4
Vinyl Chloride
Concen: 61.096 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 62 Resp: 111533
Ion Ratio Lower Upper
62 100
64 30.6 27.4 41.2





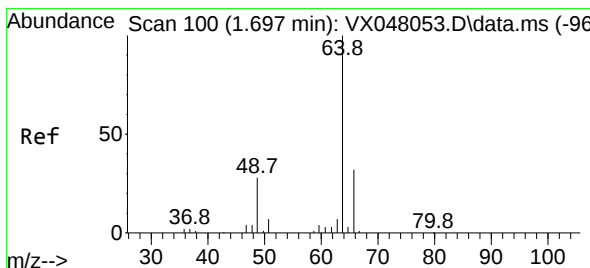
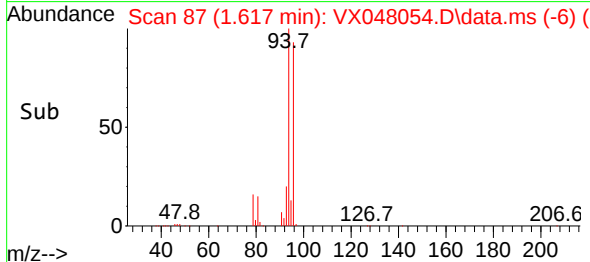
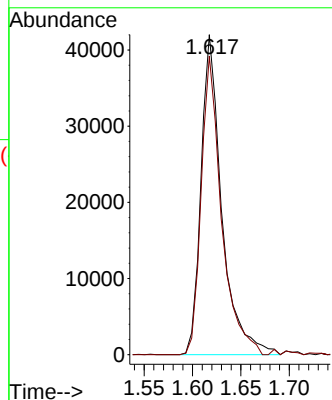
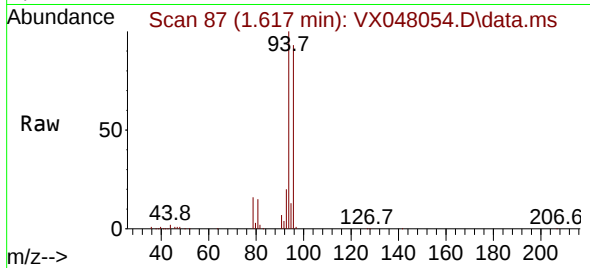
#5
Bromomethane
Concen: 58.629 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 6289
Ion Ratio Lower Upper
94 100
96 82.7 67.8 101.6

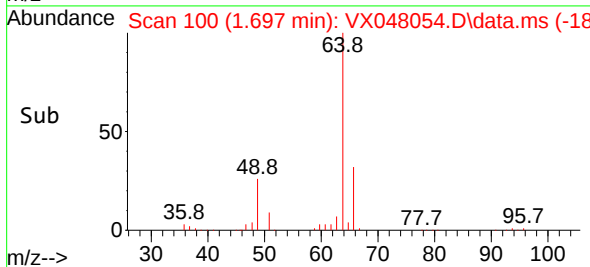
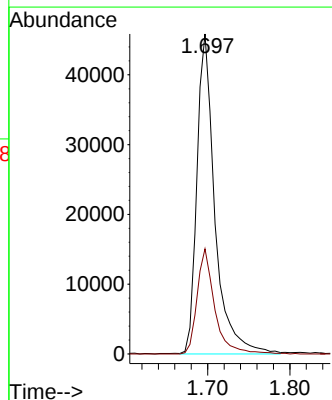
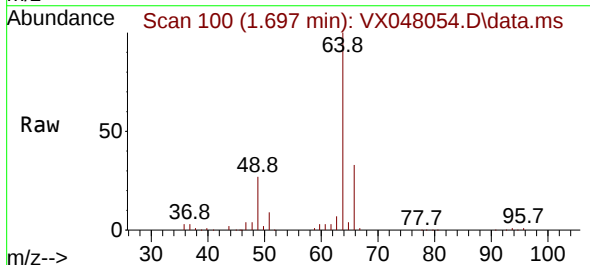
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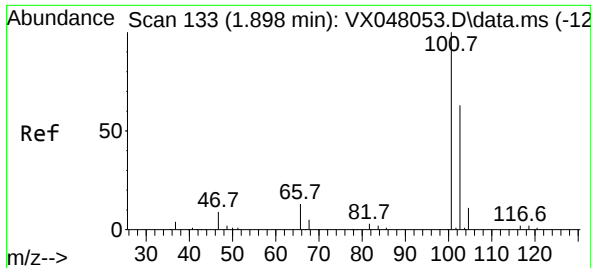
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#6
Chloroethane
Concen: 64.264 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

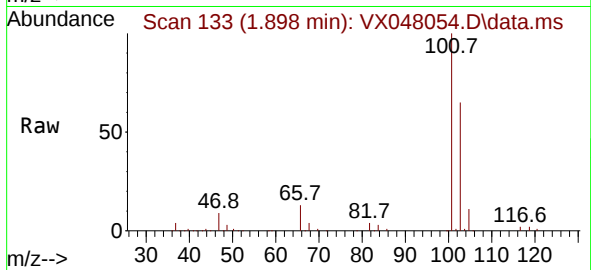
Tgt Ion: 64 Resp: 69724
Ion Ratio Lower Upper
64 100
66 32.9 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 59.798 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048054.D
 Acq: 07 Oct 2025 17:43

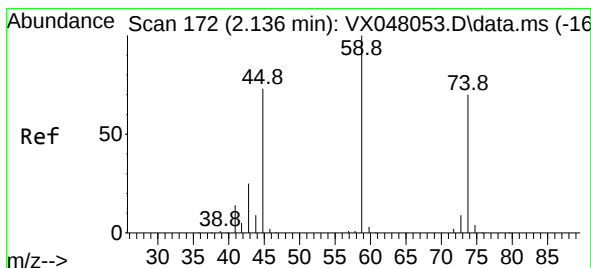
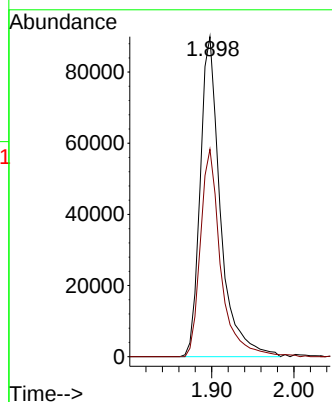
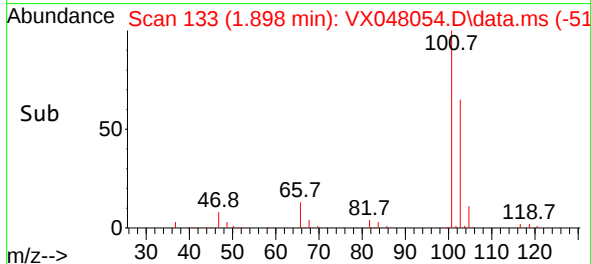
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion:101 Resp: 153924
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 76.0

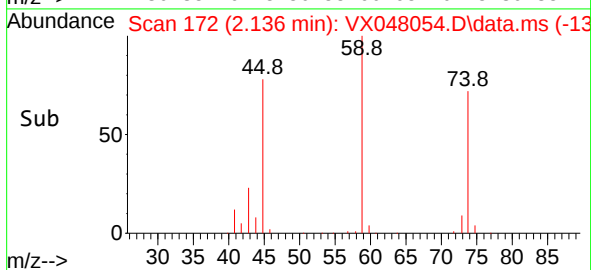
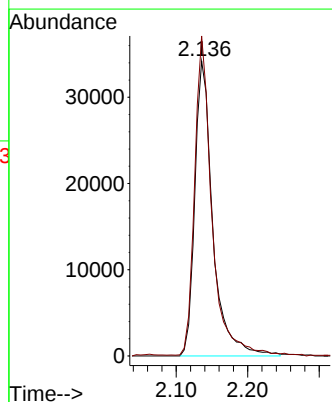
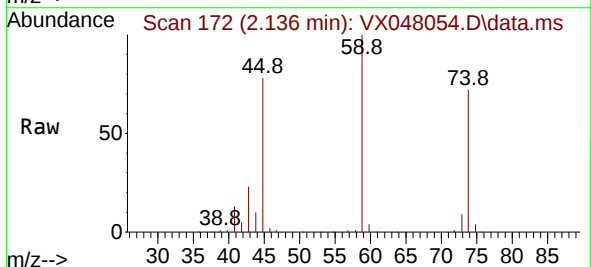
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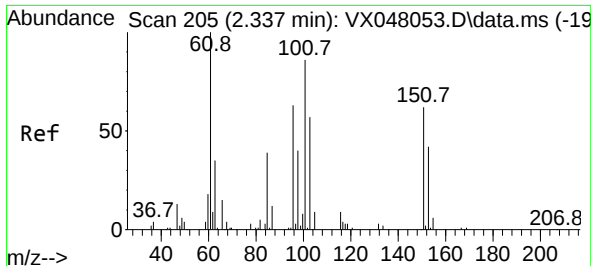
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025



#8
 Diethyl Ether
 Concen: 64.402 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048054.D
 Acq: 07 Oct 2025 17:43

Tgt Ion: 74 Resp: 59872
 Ion Ratio Lower Upper
 74 100
 45 102.1 20.8 187.2





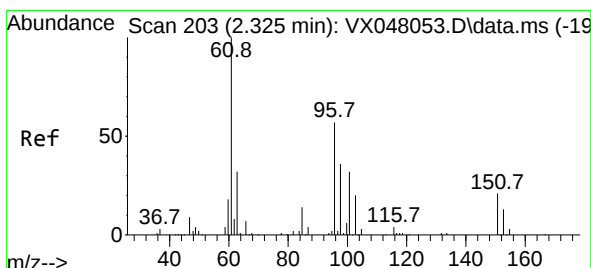
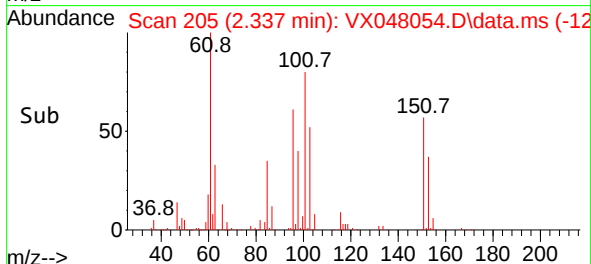
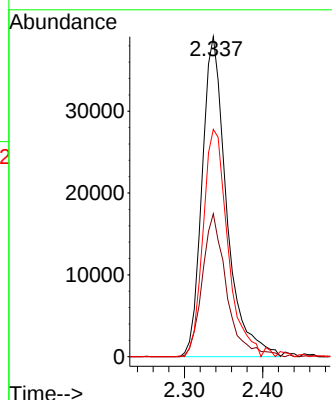
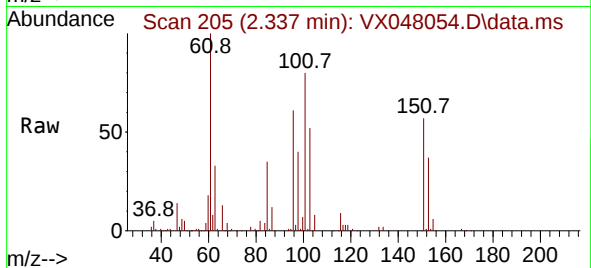
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.317 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 8494
Ion Ratio Lower Upper
101 100
85 43.6 0.0 88.2
151 71.4 0.0 141.0

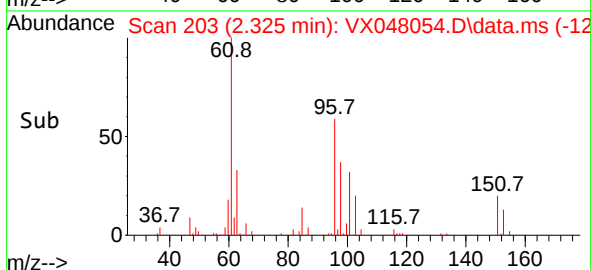
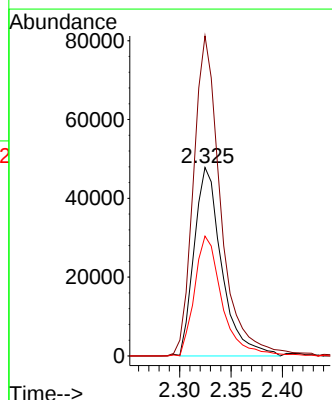
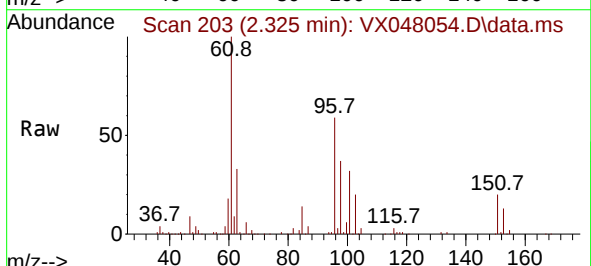
Manual Integrations
APPROVED

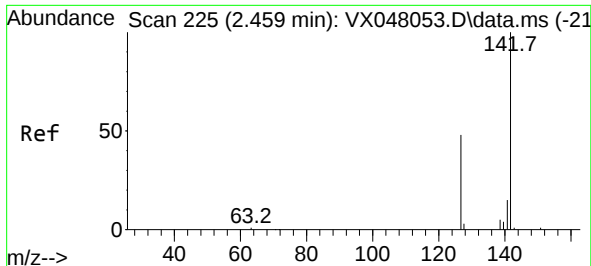
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#10
1,1-Dichloroethene
Concen: 54.456 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

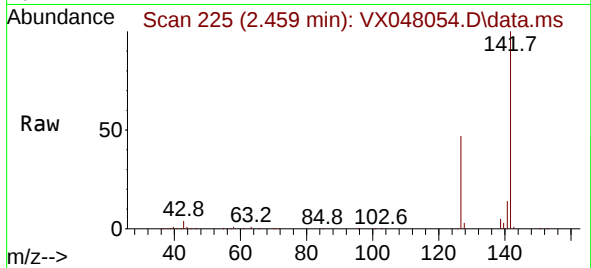
Tgt Ion: 96 Resp: 89184
Ion Ratio Lower Upper
96 100
61 158.4 133.4 200.2
98 62.1 49.8 74.6





#11
Methyl Iodide
Concen: 58.791 ug/l m
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

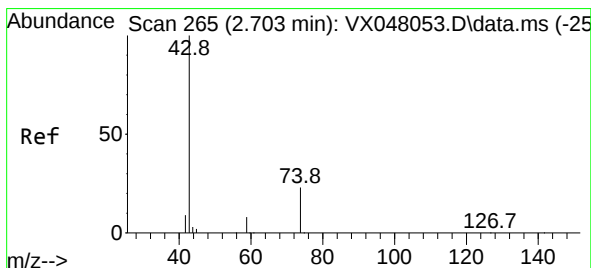
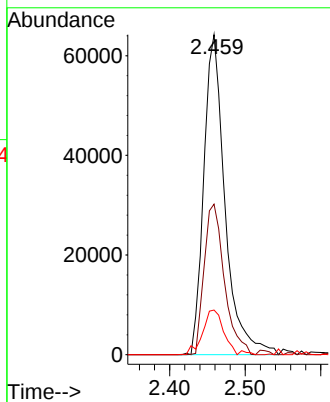
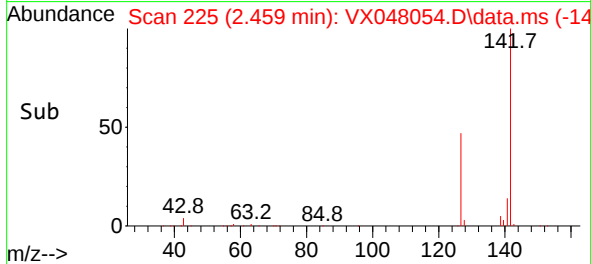
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 125304
Ion Ratio Lower Upper
142 100
127 47.0 24.1 72.4
141 14.0 7.2 21.7

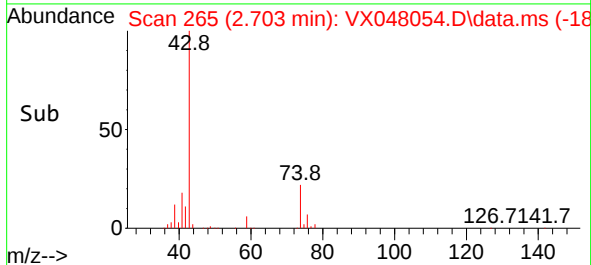
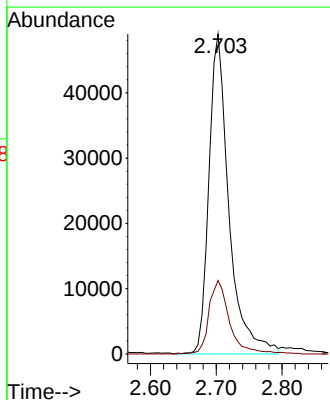
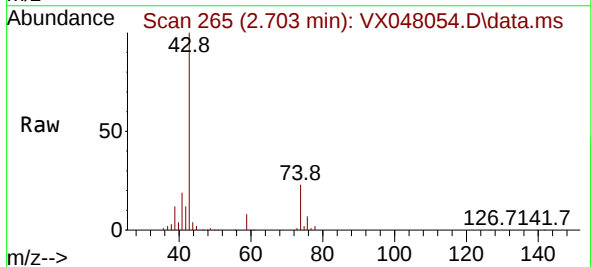
Manual Integrations
APPROVED

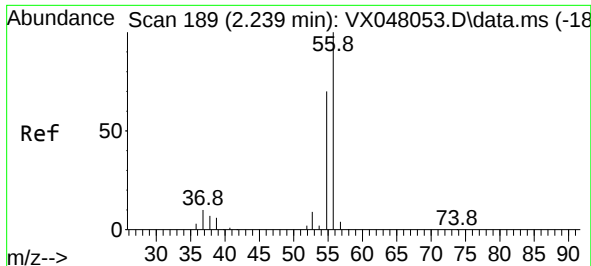
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#12
Methyl Acetate
Concen: 54.722 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

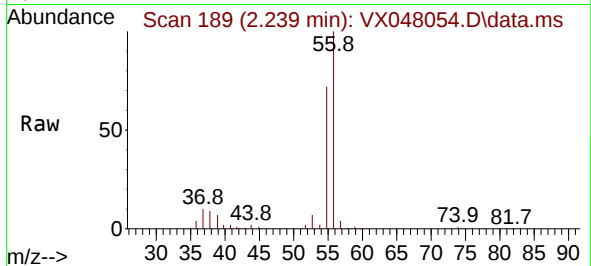
Tgt Ion: 43 Resp: 103837
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4





#13
Acrolein
Concen: 381.185 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

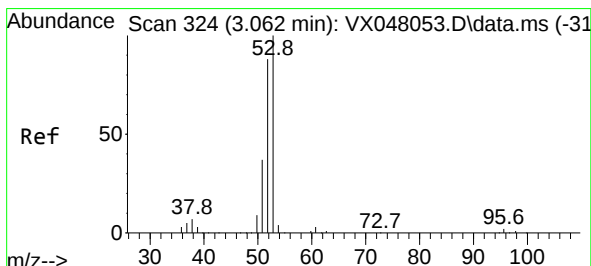
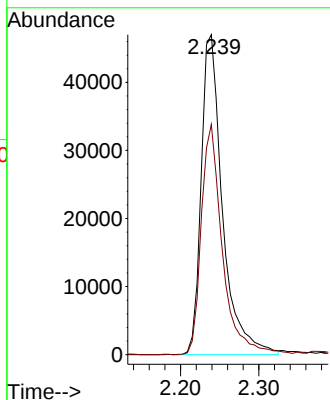
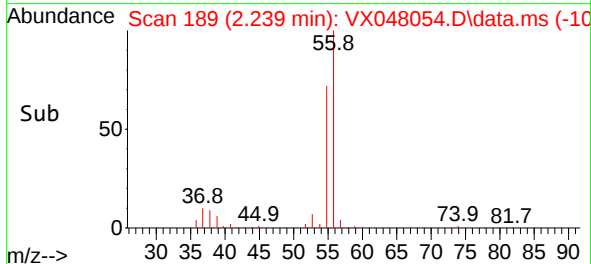
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 8884
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.6

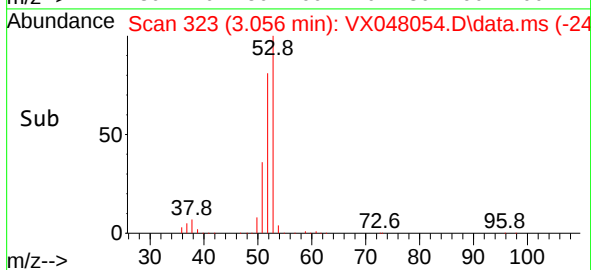
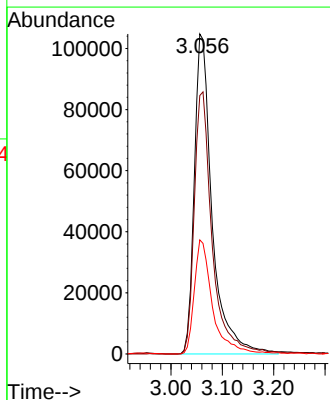
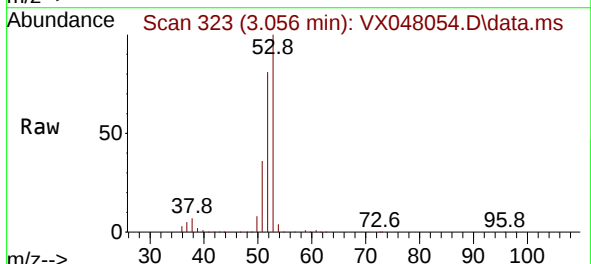
Manual Integrations
APPROVED

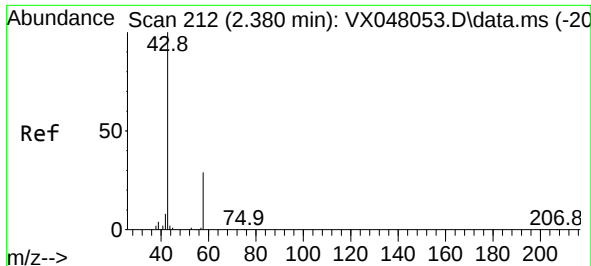
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#14
Acrylonitrile
Concen: 293.054 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

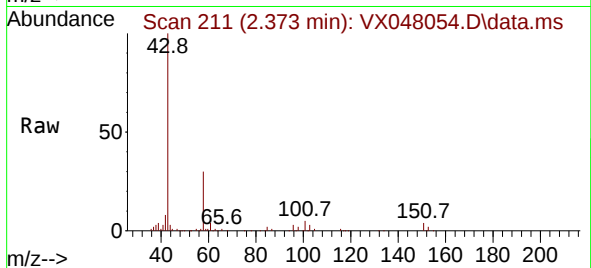
Tgt Ion: 53 Resp: 252561
Ion Ratio Lower Upper
53 100
52 81.9 41.8 125.3
51 36.2 18.6 56.0





#15
Acetone
Concen: 287.144 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

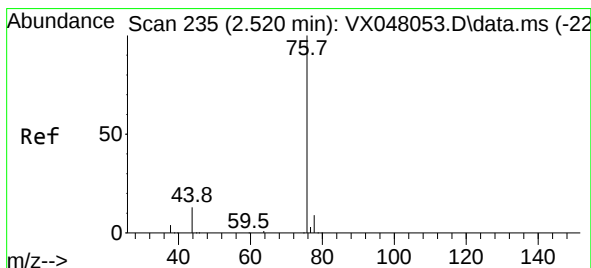
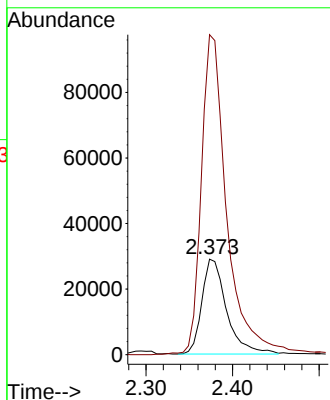
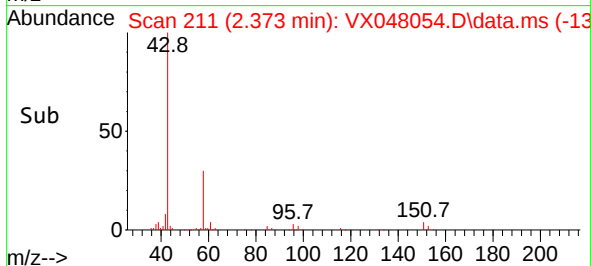
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 57372
Ion Ratio Lower Upper
58 100
43 336.0 280.7 421.1

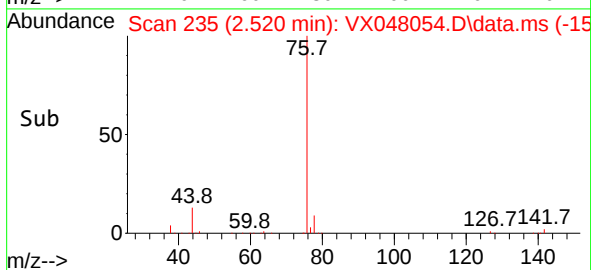
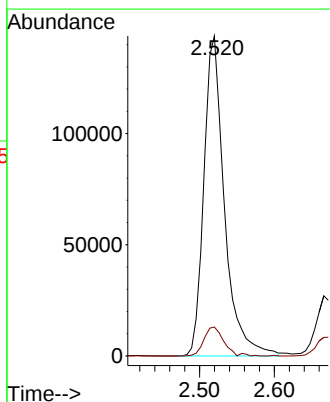
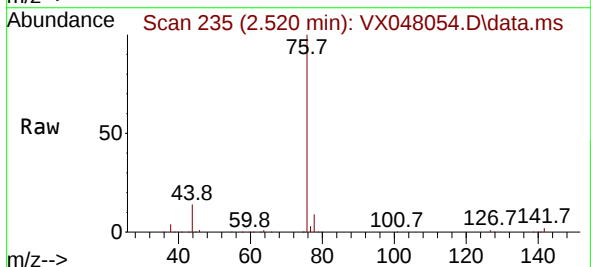
Manual Integrations
APPROVED

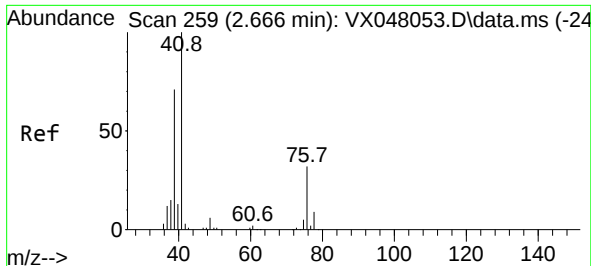
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#16
Carbon Disulfide
Concen: 59.128 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 76 Resp: 275547
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





#17

Allyl chloride

Concen: 56.030 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 41 Resp: 16566

Ion Ratio Lower Upper

41 100

39 70.7 35.0 105.1

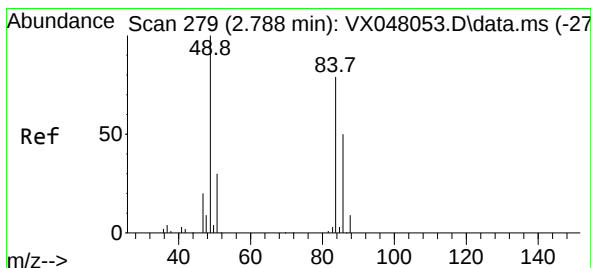
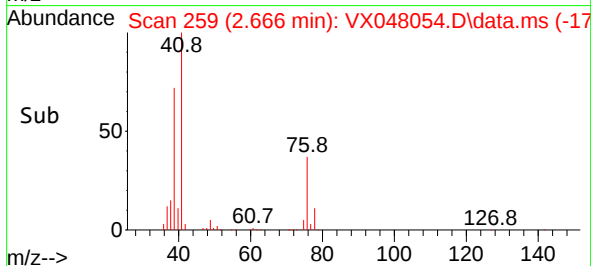
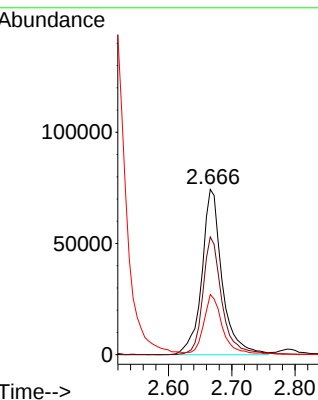
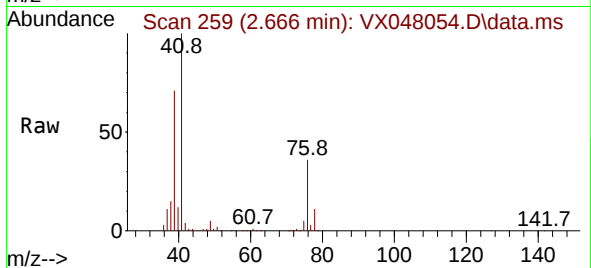
76 38.4 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#18

Methylene Chloride

Concen: 58.361 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Tgt Ion: 84 Resp: 107137

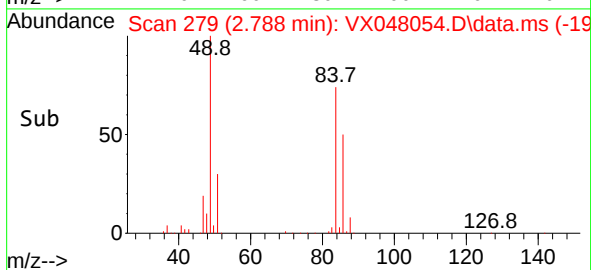
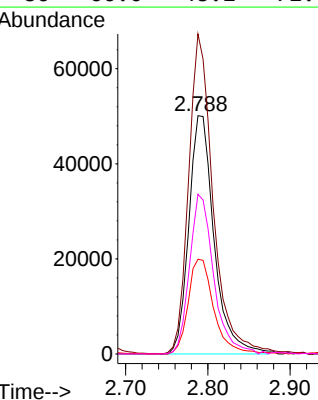
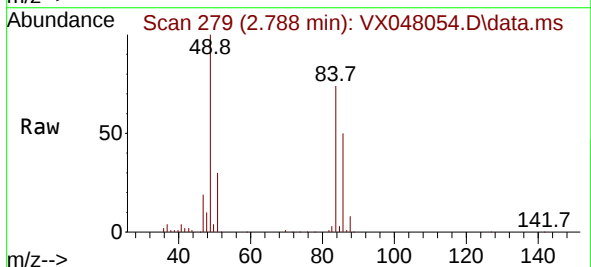
Ion Ratio Lower Upper

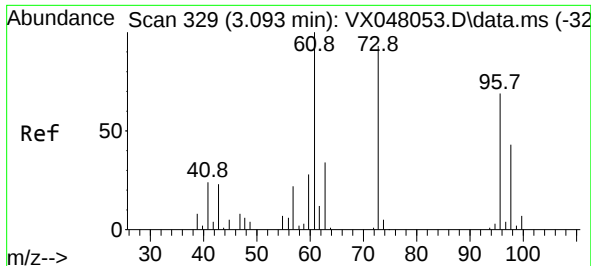
84 100

49 134.7 100.9 151.3

51 38.4 30.2 45.2

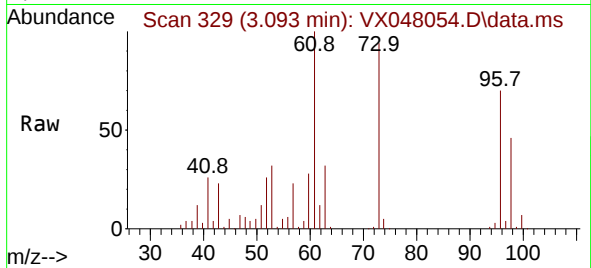
86 66.0 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 56.060 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

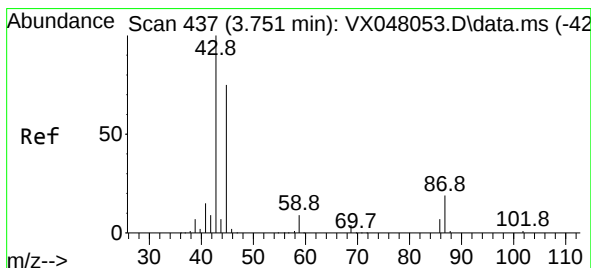
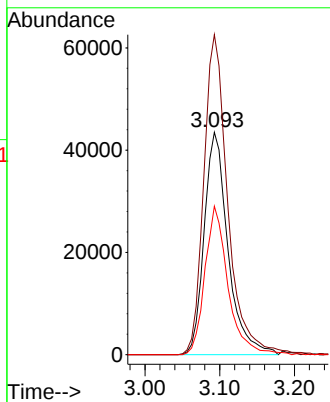
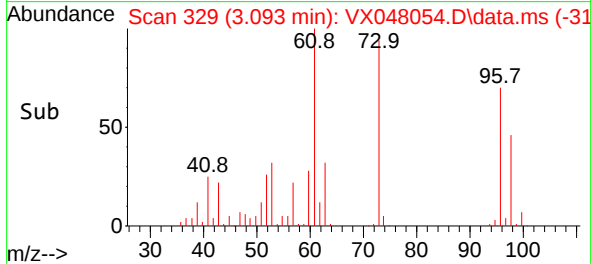
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



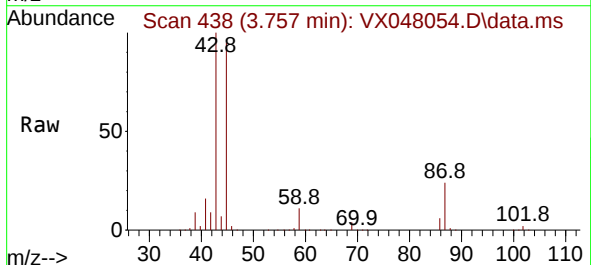
Tgt Ion: 96 Resp: 96429
Ion Ratio Lower Upper
96 100
61 136.8 121.0 181.6
98 65.3 48.5 72.7

Manual Integrations
APPROVED

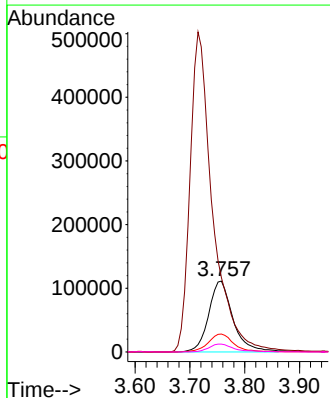
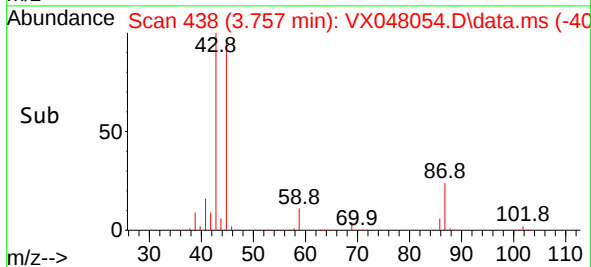
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

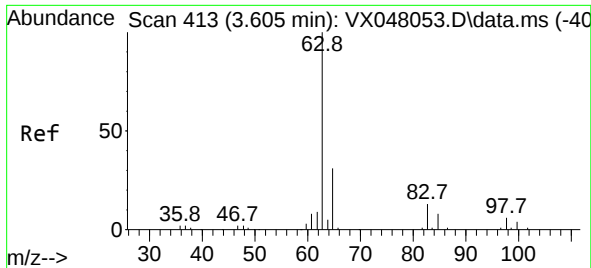


#20
Diisopropyl ether
Concen: 59.151 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43



Tgt Ion: 45 Resp: 341808
Ion Ratio Lower Upper
45 100
43 100.6 105.4 158.0#
87 25.2 19.7 29.5
59 11.1 9.8 14.8





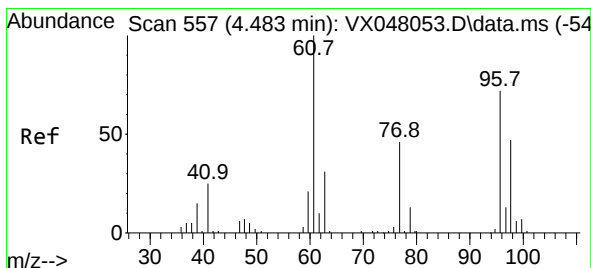
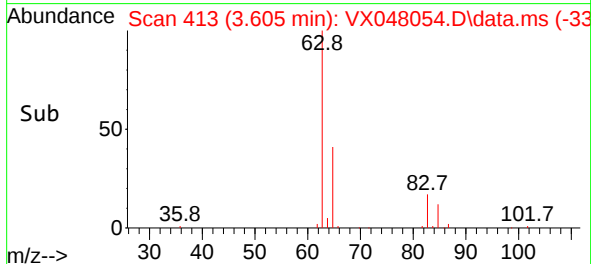
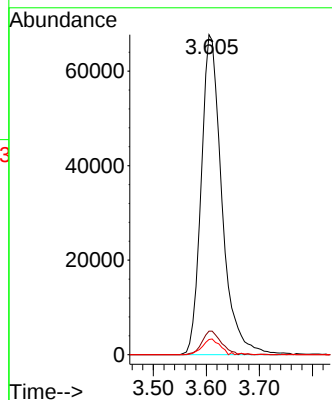
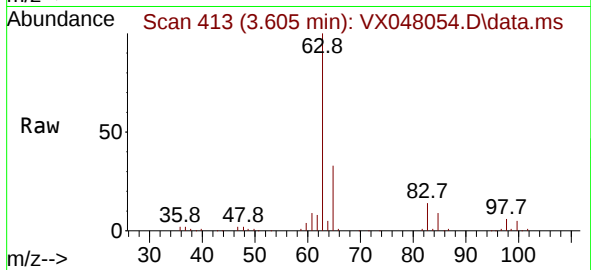
#21
1,1-Dichloroethane
Concen: 56.375 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 183569
Ion Ratio Lower Upper
63 100
98 7.3 3.5 10.6
100 4.8 2.0 5.8

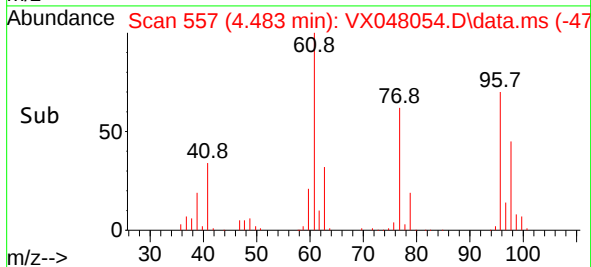
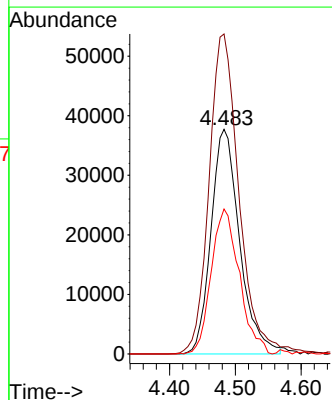
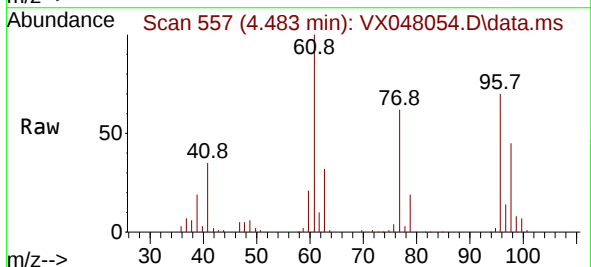
Manual Integrations
APPROVED

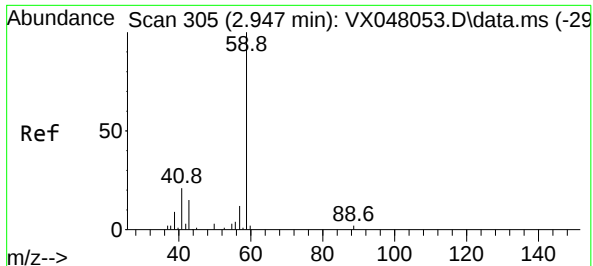
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#22
cis-1,2-Dichloroethene
Concen: 57.553 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

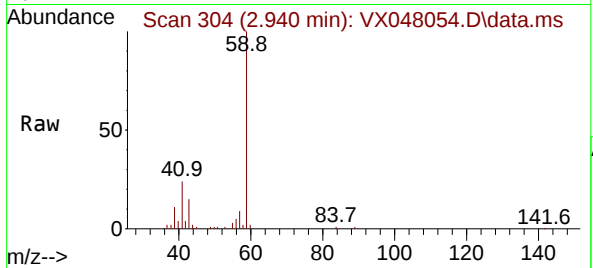
Tgt Ion: 96 Resp: 114237
Ion Ratio Lower Upper
96 100
61 147.5 121.4 182.0
98 63.4 19.6 29.4





#23
tert-Butyl Alcohol
Concen: 322.979 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

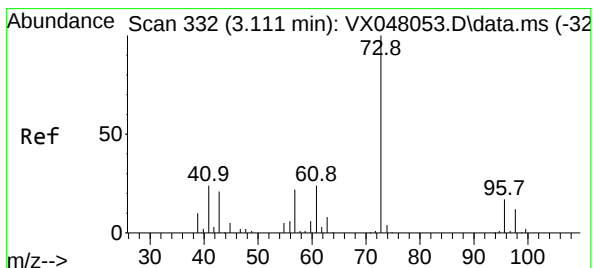
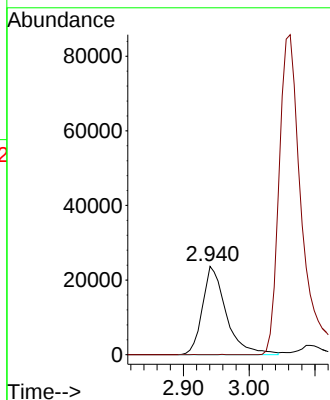
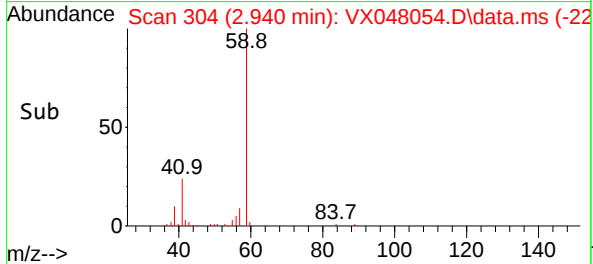
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 5954
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

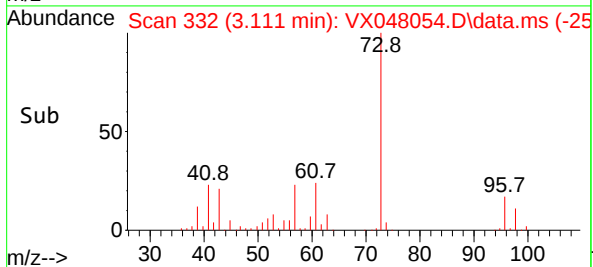
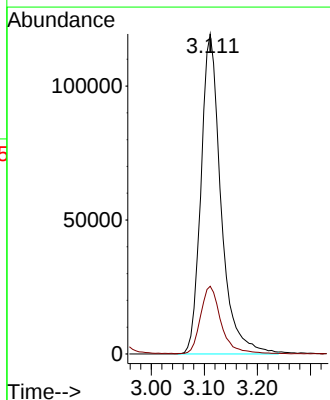
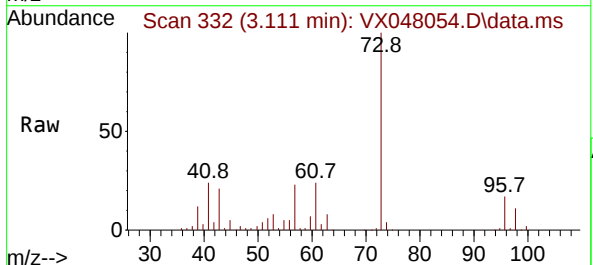
Manual Integrations
APPROVED

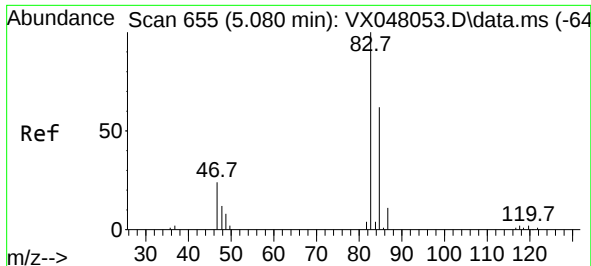
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#24
Methyl tert-Butyl Ether
Concen: 60.576 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

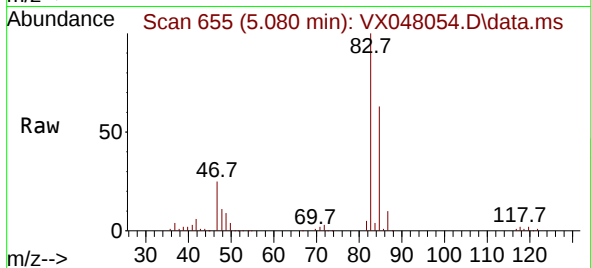
Tgt Ion: 73 Resp: 312784
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7





#25
Chloroform
Concen: 56.405 ug/l
RT: 5.080 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

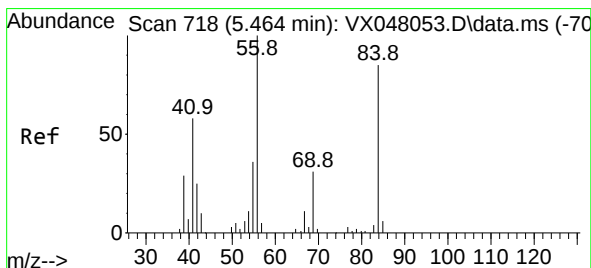
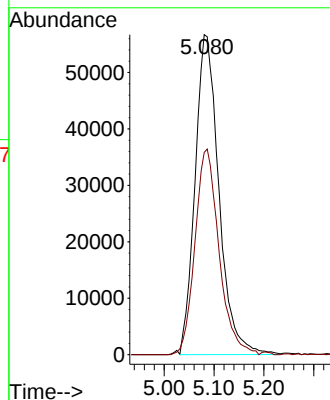
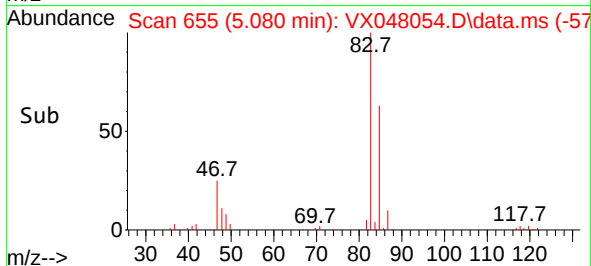
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 83 Resp: 18848
Ion Ratio Lower Upper
83 100
85 61.7 50.3 75.5

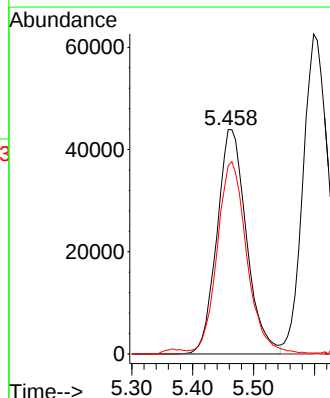
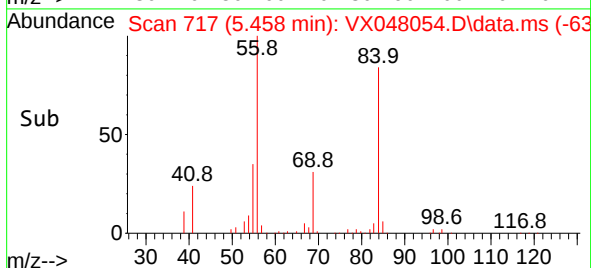
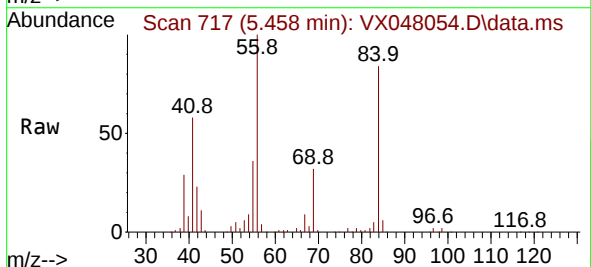
Manual Integrations
APPROVED

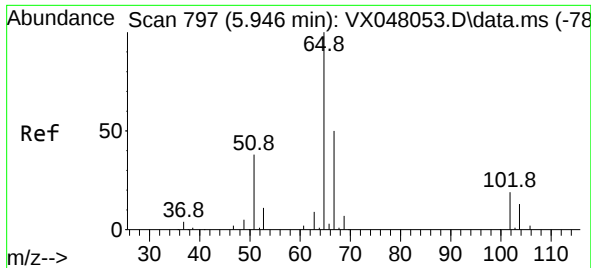
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#26
Cyclohexane
Concen: 51.630 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 56 Resp: 148095
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 66.6 100.0





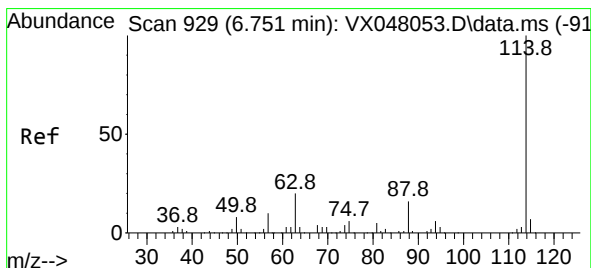
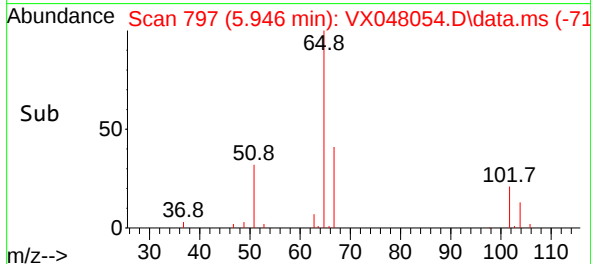
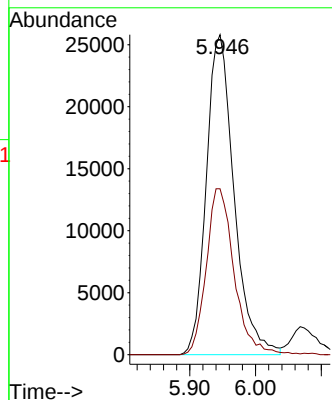
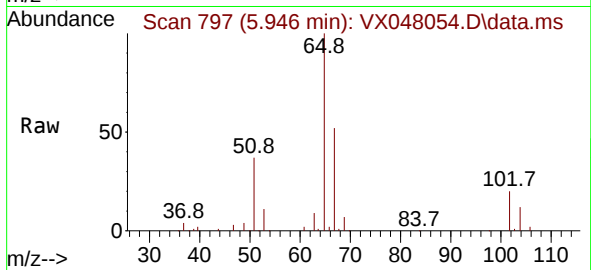
#27
 1,2-Dichloroethane-d4
 Concen: 33.646 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX048054.D
 Acq: 07 Oct 2025 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion: 65 Resp: 75628
 Ion Ratio Lower Upper
 65 100
 67 51.4 41.0 61.4

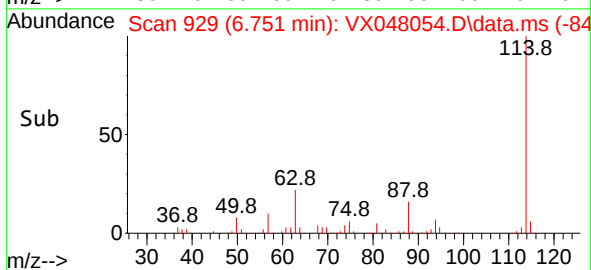
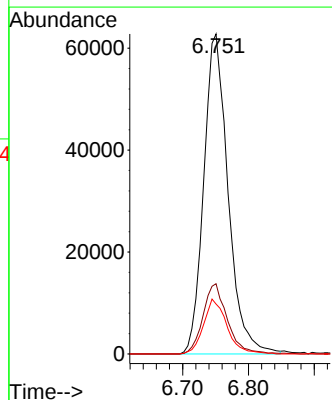
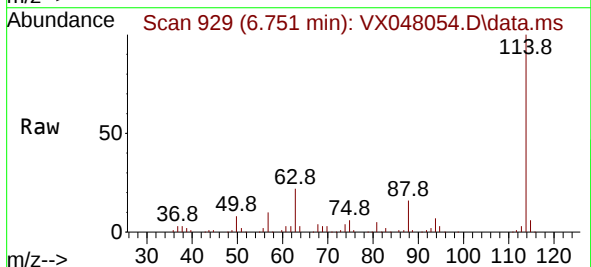
Manual Integrations
 APPROVED

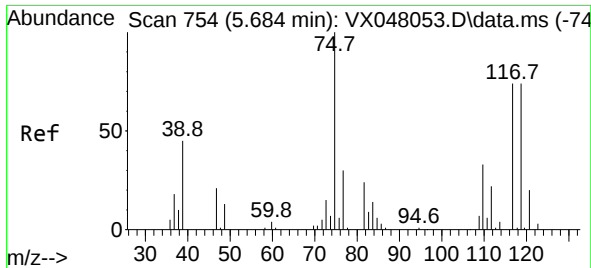
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.000 min
 Lab File: VX048054.D
 Acq: 07 Oct 2025 17:43

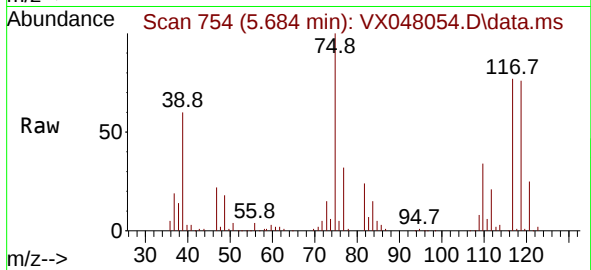
Tgt Ion:114 Resp: 161556
 Ion Ratio Lower Upper
 114 100
 63 21.7 17.4 26.0
 88 16.5 12.8 19.2





#29
1,1-Dichloropropene
Concen: 48.298 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

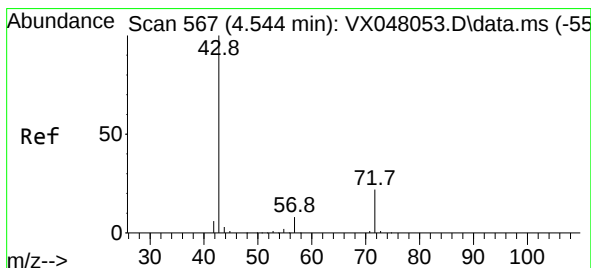
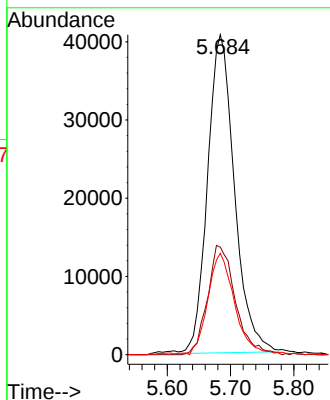
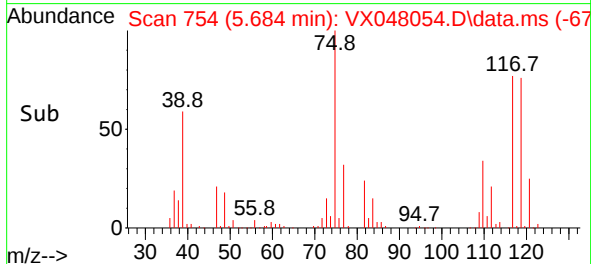
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 12020
Ion Ratio Lower Upper
75 100
110 35.4 0.0 66.4
77 31.4 0.0 61.8

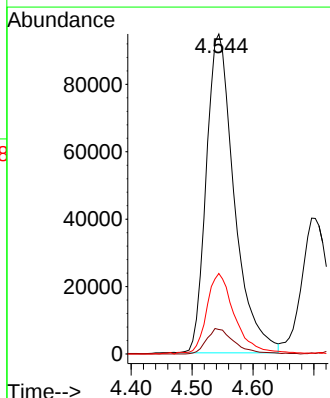
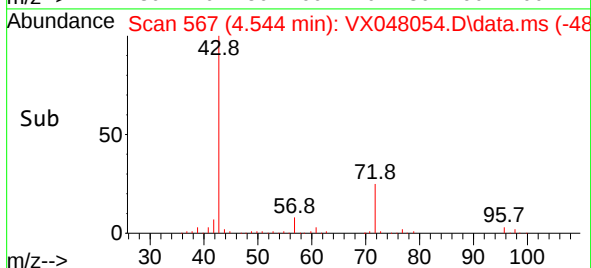
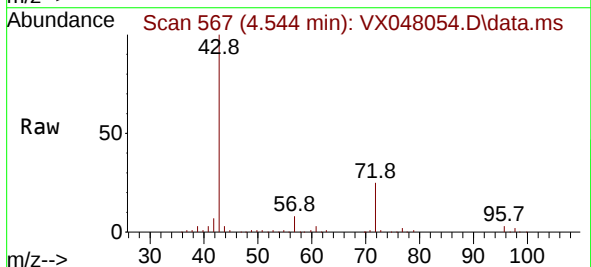
Manual Integrations
APPROVED

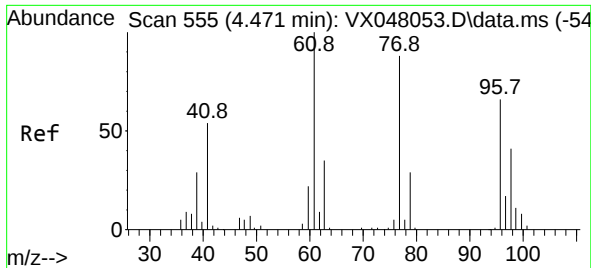
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#30
2-Butanone
Concen: 266.041 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 43 Resp: 302336
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 25.1 18.9 28.3





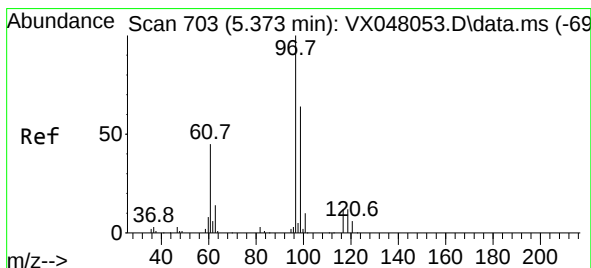
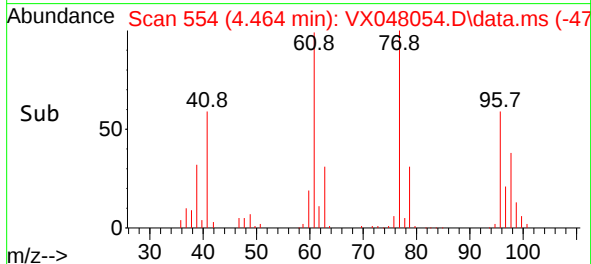
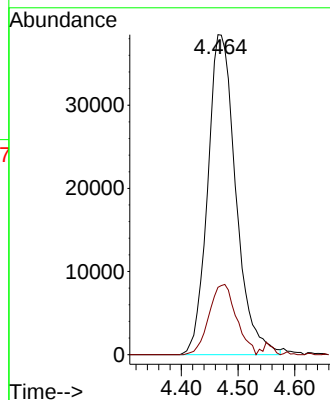
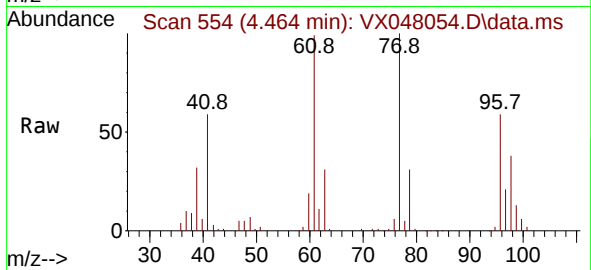
#31
2,2-Dichloropropane
Concen: 57.148 ug/l
RT: 4.464 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 132560
Ion Ratio Lower Upper
77 100
97 21.3 13.8 20.8

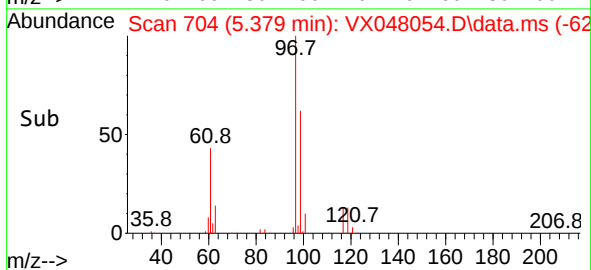
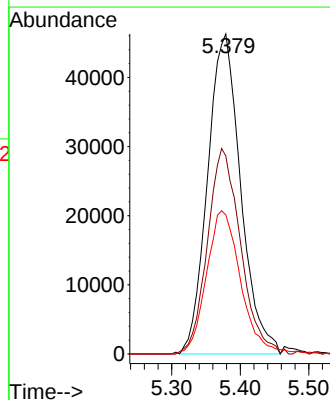
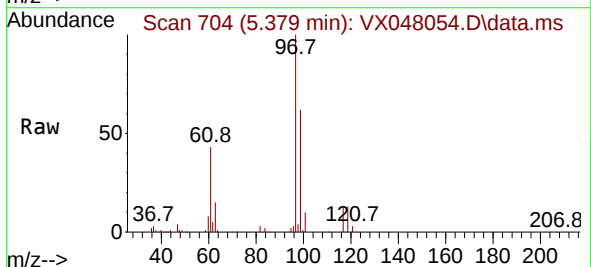
Manual Integrations
APPROVED

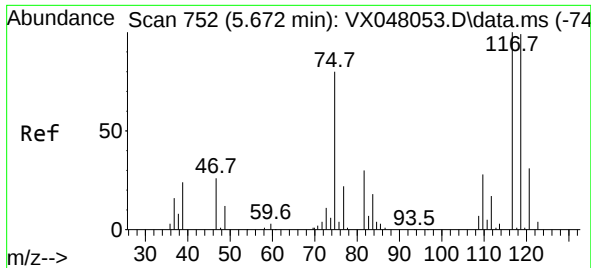
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#32
1,1,1-Trichloroethane
Concen: 49.952 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

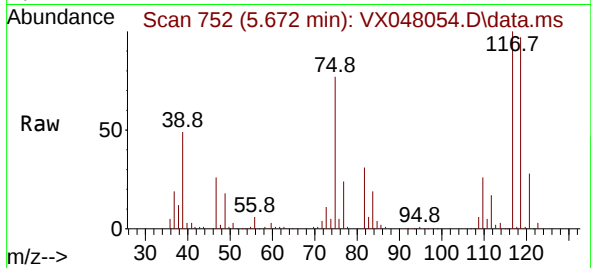
Tgt Ion: 97 Resp: 155516
Ion Ratio Lower Upper
97 100
99 64.0 50.4 75.6
61 46.0 36.9 55.3





#33
Carbon Tetrachloride
Concen: 47.426 ug/l m
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

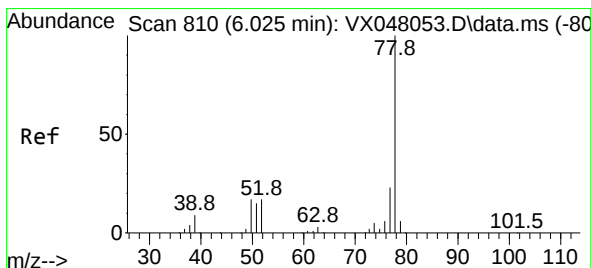
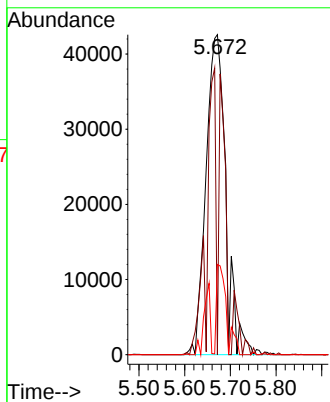
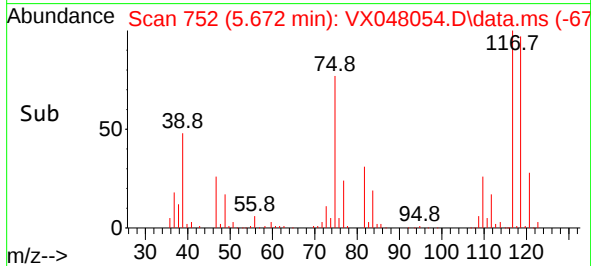
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 127063
Ion Ratio Lower Upper
117 100
119 1.0 79.1 118.7
121 28.0 24.6 37.0

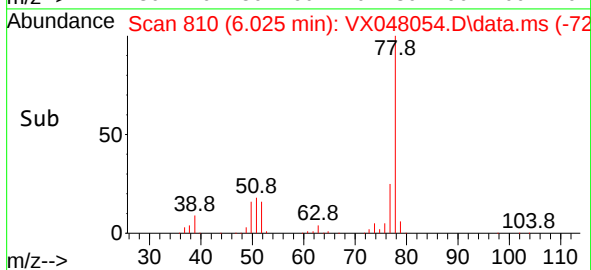
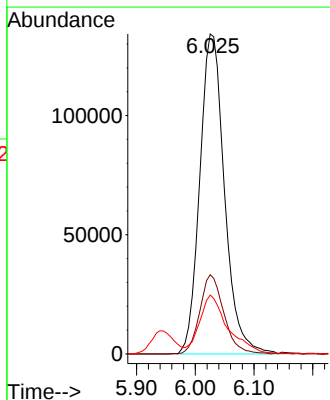
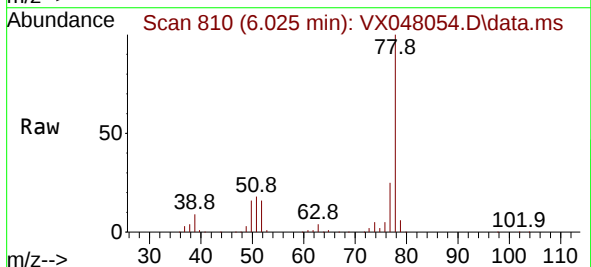
Manual Integrations
APPROVED

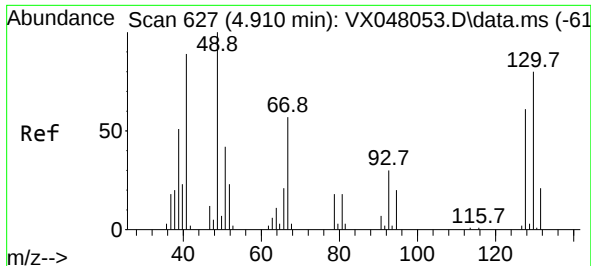
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#34
Benzene
Concen: 52.591 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 78 Resp: 392489
Ion Ratio Lower Upper
78 100
77 22.7 16.3 24.5
51 17.1 13.8 20.8





#35
Methacrylonitrile
Concen: 50.841 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

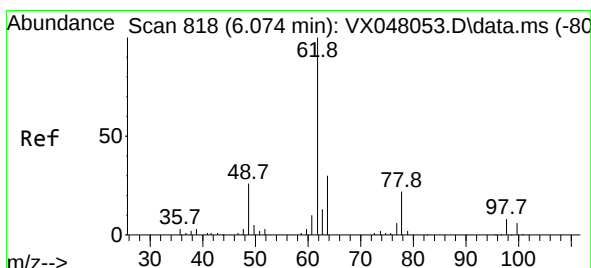
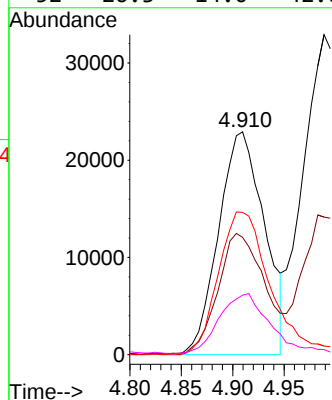
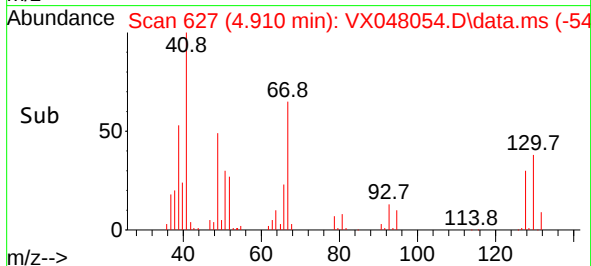
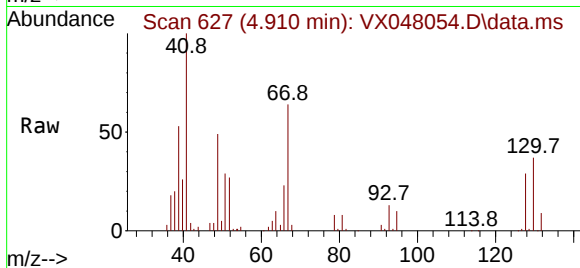
Tgt Ion: 41 Resp: 7096
Ion Ratio Lower Upper
41 100
39 49.8 25.4 76.2
67 64.3 33.3 99.9
52 26.3 14.0 42.0

Manual Integrations

APPROVED

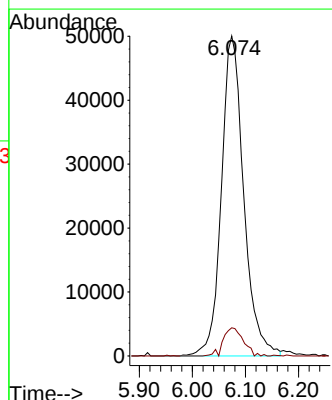
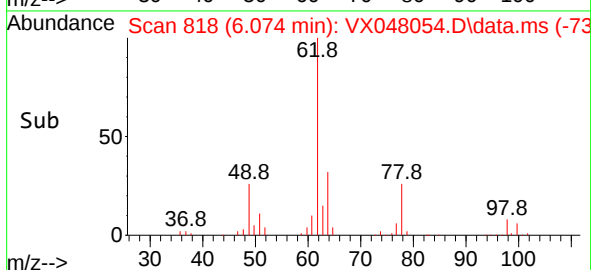
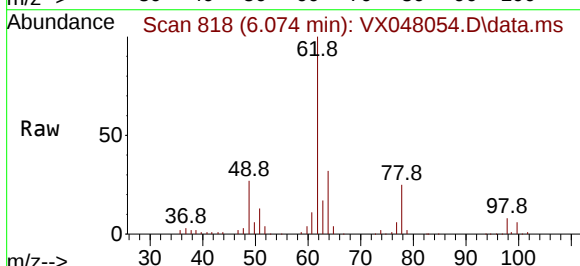
Reviewed By :John Carlone 10/08/2025

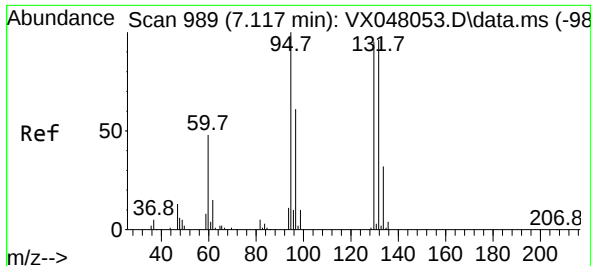
Supervised By :Mahesh Dadoda 10/09/2025



#36
1,2-Dichloroethane
Concen: 52.146 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 62 Resp: 146292
Ion Ratio Lower Upper
62 100
98 7.4 6.6 9.8





#37
Trichloroethene
Concen: 50.653 ug/l
RT: 7.110 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :

MSVOA_X

ClientSampleId :

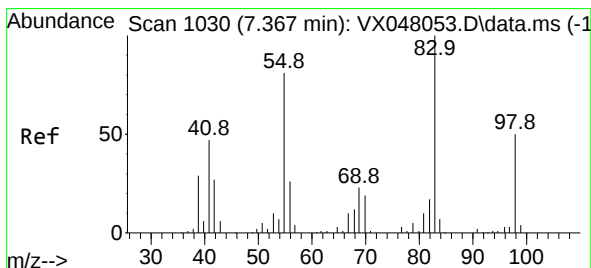
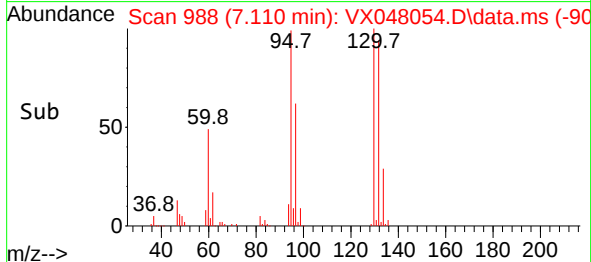
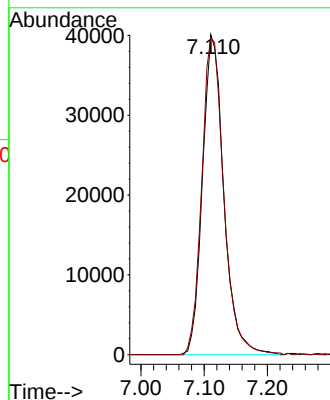
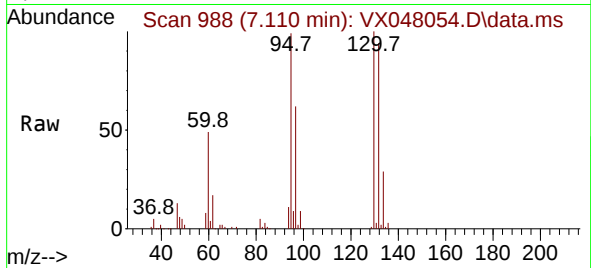
VSTDIC050

Tgt Ion:130 Resp: 93992
Ion Ratio Lower Upper
130 100
95 98.9 84.6 126.8

Manual Integrations

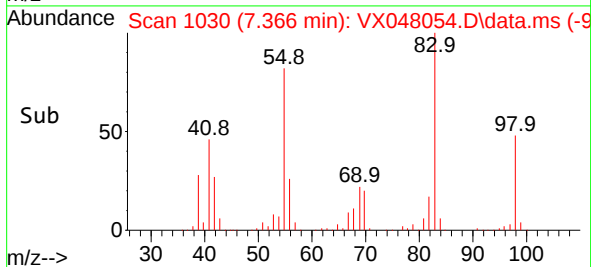
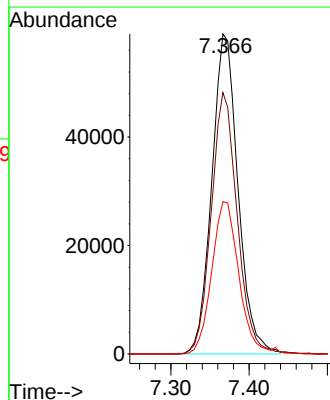
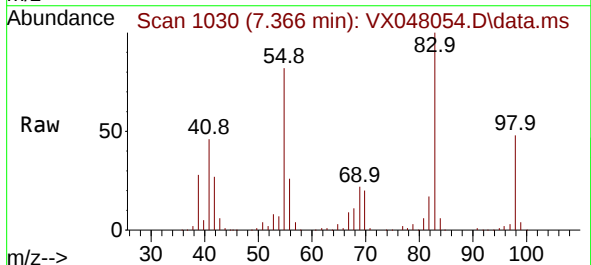
APPROVED

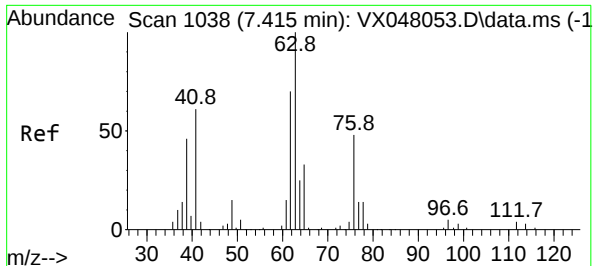
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#38
Methylcyclohexane
Concen: 44.368 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 83 Resp: 137334
Ion Ratio Lower Upper
83 100
55 81.0 41.3 123.9
98 48.8 24.9 74.7





#39

1,2-Dichloropropane

Concen: 51.805 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 97178

Ion Ratio Lower Upper

63 100

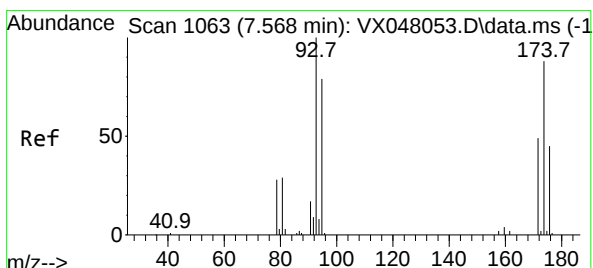
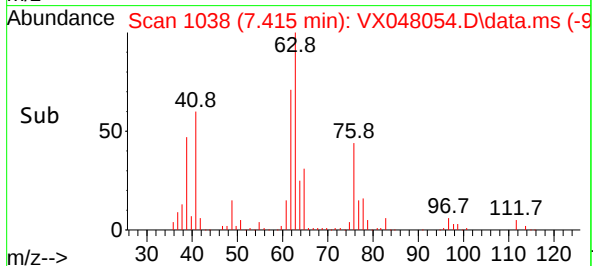
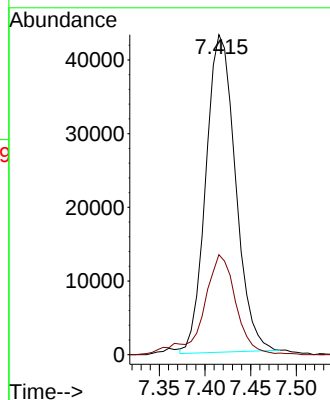
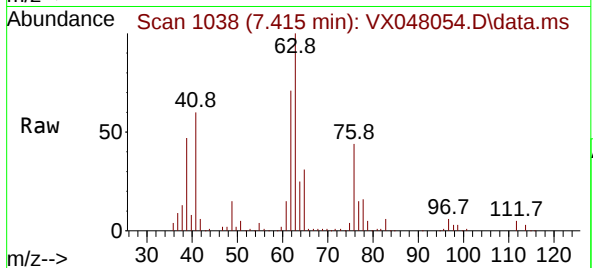
65 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#40

Dibromomethane

Concen: 52.016 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

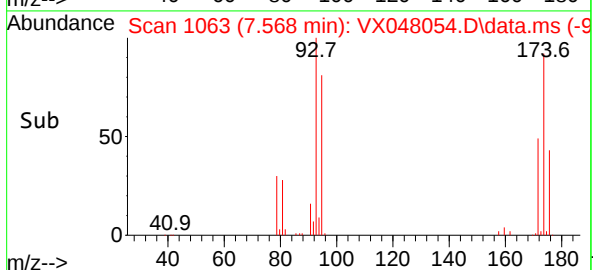
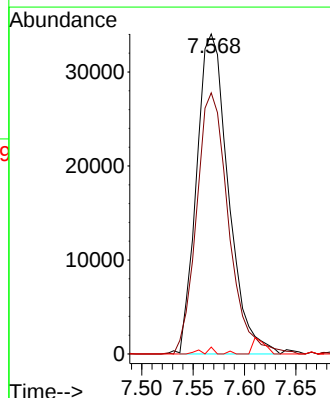
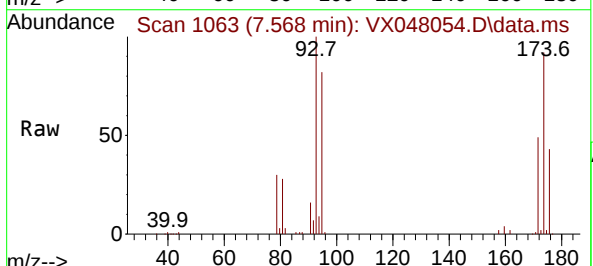
Tgt Ion: 93 Resp: 73039

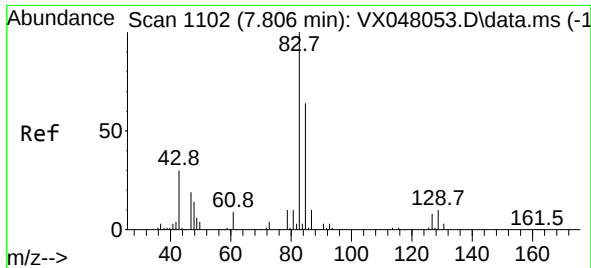
Ion Ratio Lower Upper

93 100

95 82.2 0.0 1.0#

174 0.4 0.0 29.6





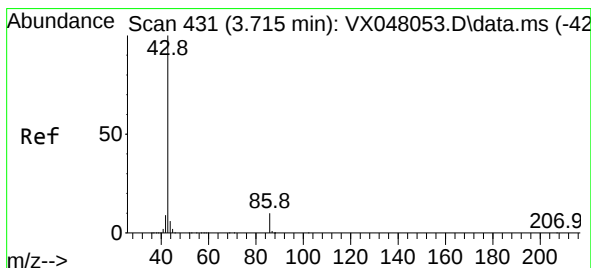
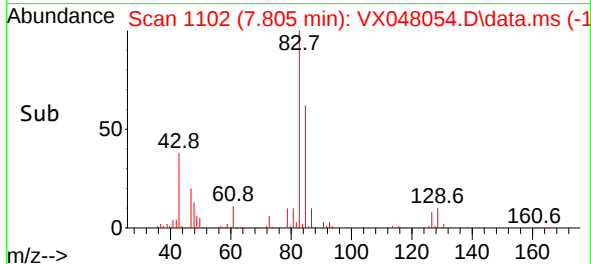
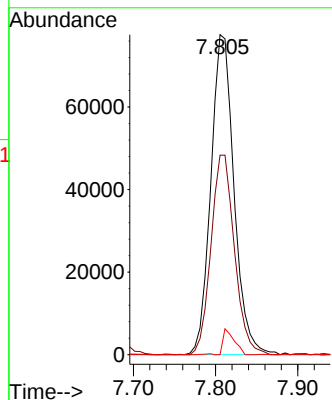
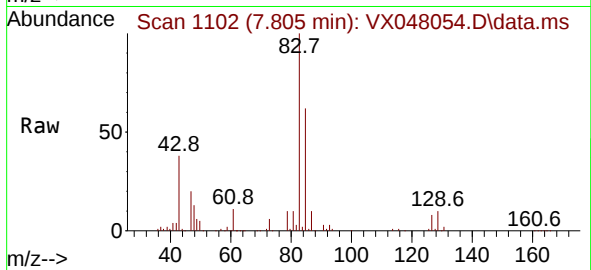
#41
Bromodichloromethane
Concen: 53.589 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 151915
Ion Ratio Lower Upper
83 100
85 60.9 50.9 76.3
127 0.8 6.8 10.2

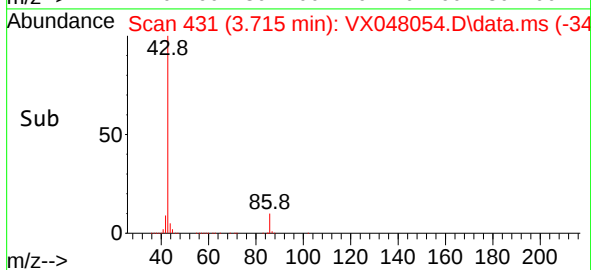
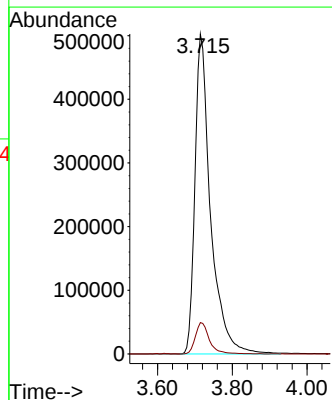
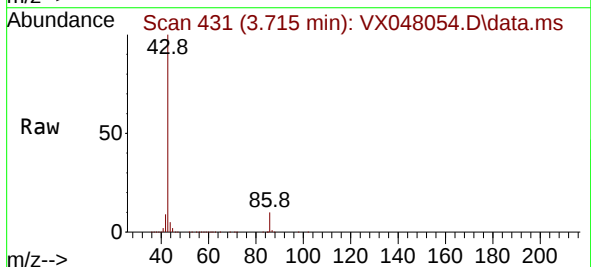
Manual Integrations
APPROVED

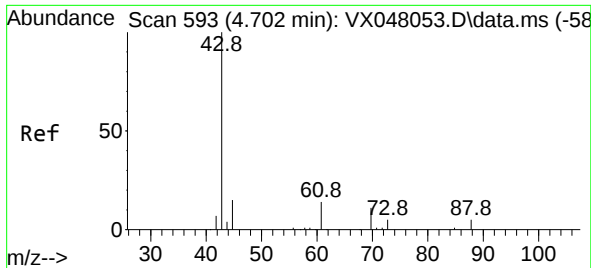
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#42
Vinyl Acetate
Concen: 285.734 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 43 Resp: 1456204
Ion Ratio Lower Upper
43 100
86 8.7 7.1 10.7





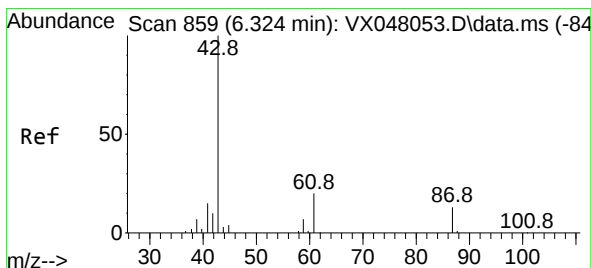
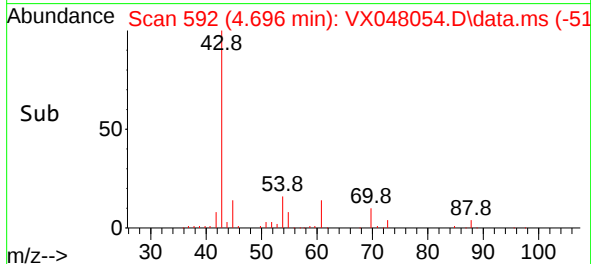
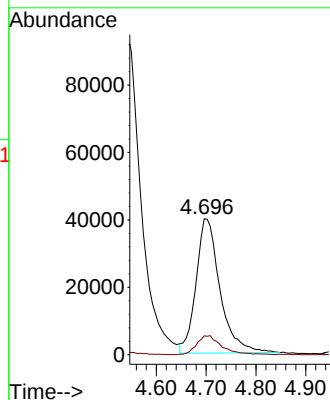
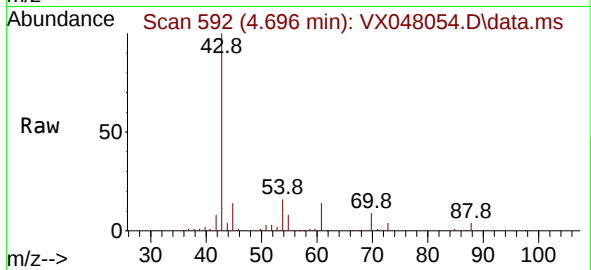
#43
Ethyl Acetate
Concen: 55.090 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 132920
Ion Ratio Lower Upper
43 100
45 14.5 12.3 18.5

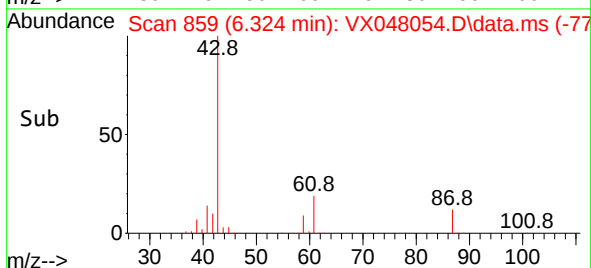
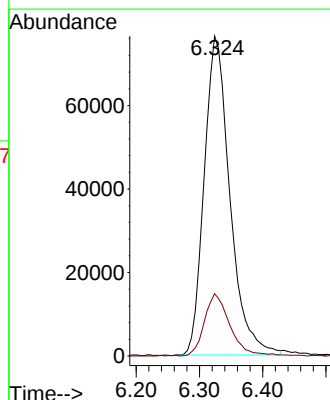
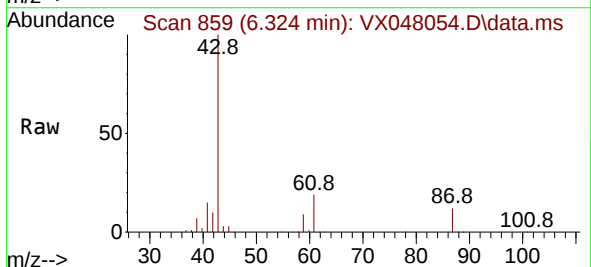
Manual Integrations
APPROVED

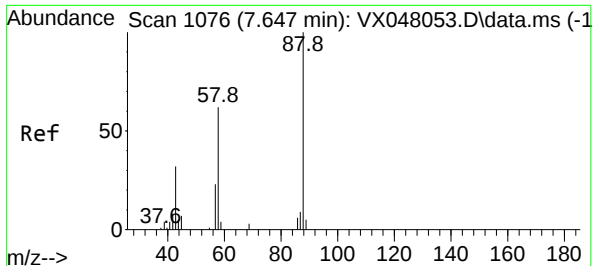
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#44
Isopropyl Acetate
Concen: 56.008 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

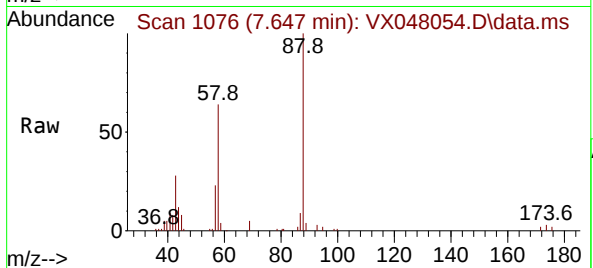
Tgt Ion: 43 Resp: 215967
Ion Ratio Lower Upper
43 100
61 19.1 15.5 23.3





#45
1,4-Dioxane
Concen: 1109.215 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

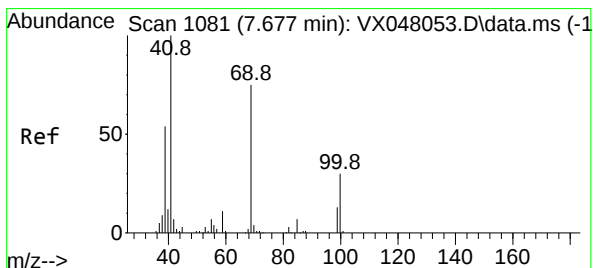
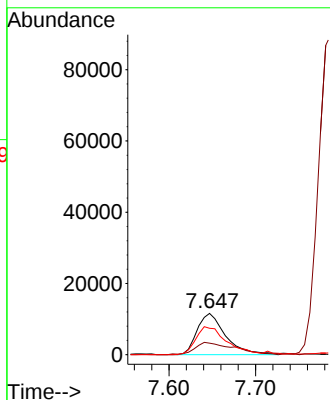
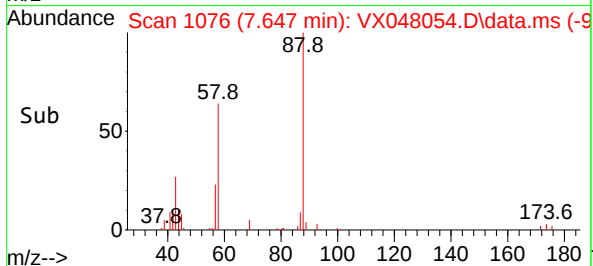
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 88 Resp: 2648
Ion Ratio Lower Upper
88 100
43 30.6 20.3 30.5
58 72.9 57.4 86.0

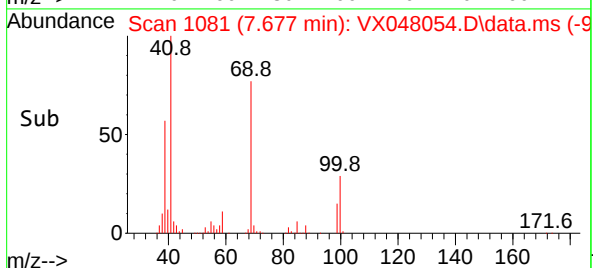
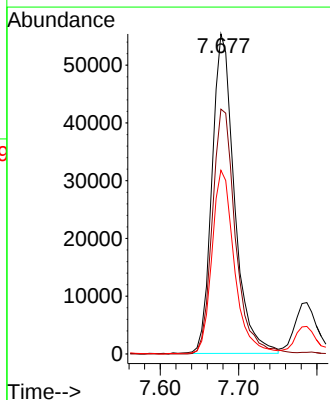
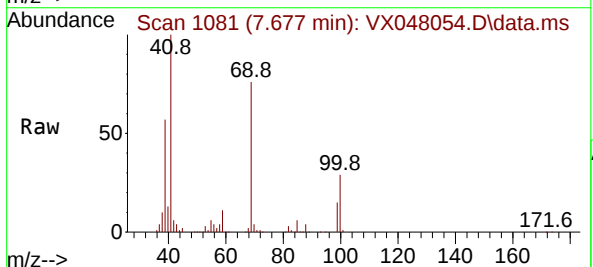
Manual Integrations
APPROVED

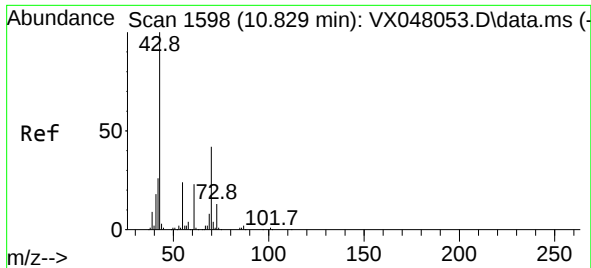
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#46
Methyl methacrylate
Concen: 53.874 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

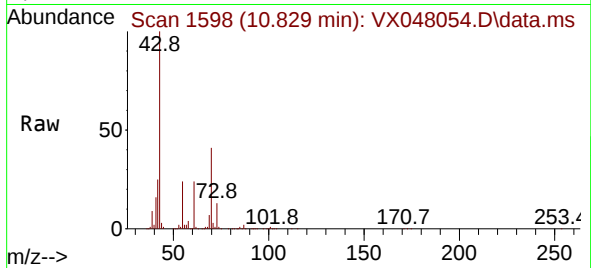
Tgt Ion: 41 Resp: 110123
Ion Ratio Lower Upper
41 100
69 76.7 37.4 112.1
39 56.6 27.0 80.8





#47
n-amy1 Acetate
Concen: 54.285 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

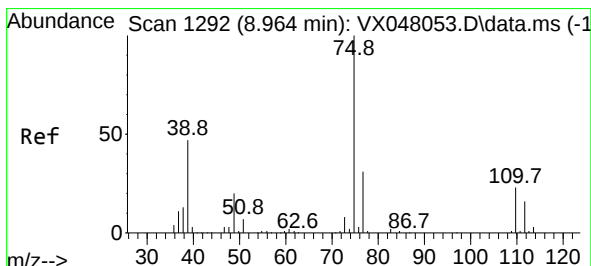
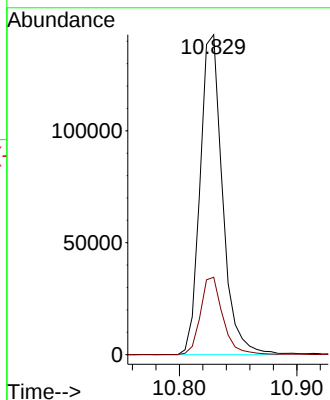
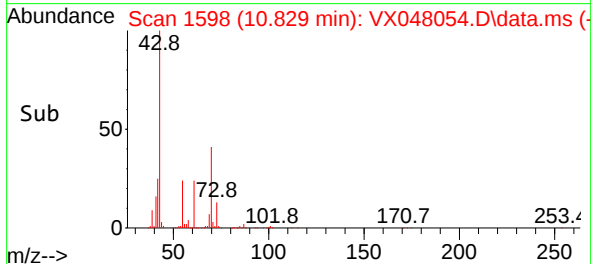
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 18926
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.0

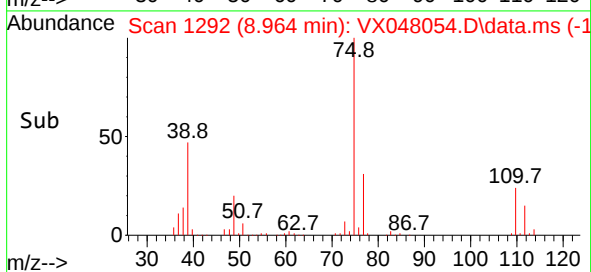
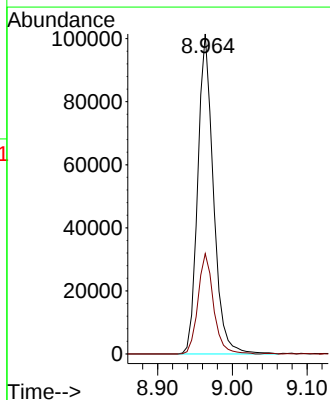
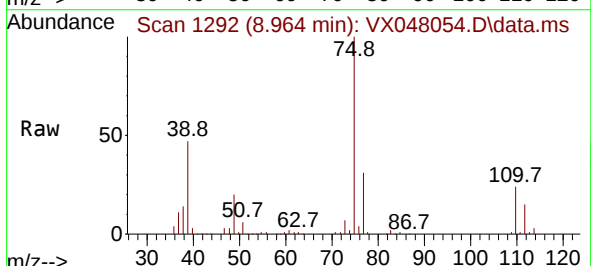
Manual Integrations
APPROVED

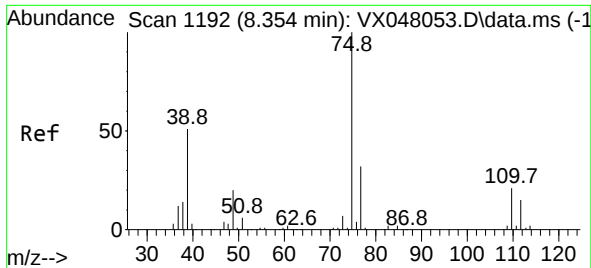
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#48
t-1,3-Dichloropropene
Concen: 56.238 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 75 Resp: 147570
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 55.226 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 160150

Ion Ratio Lower Upper

75 100

77 31.4 26.9 40.3

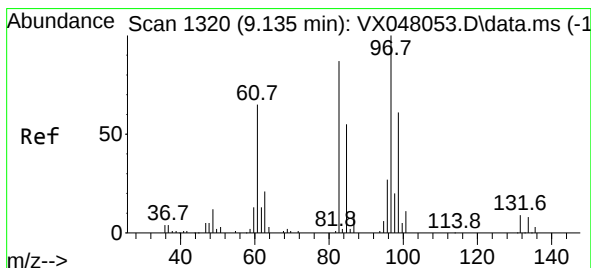
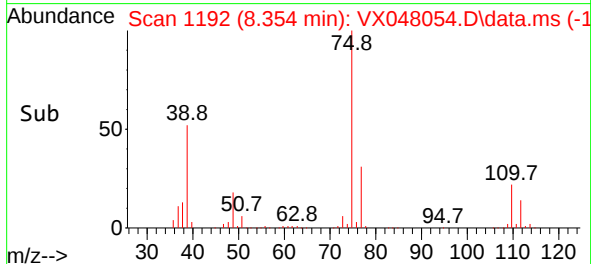
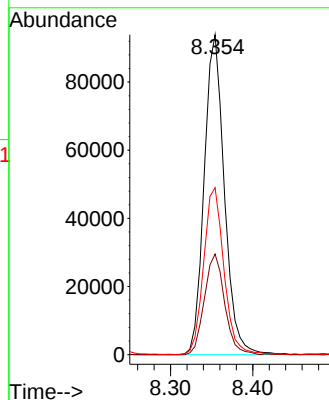
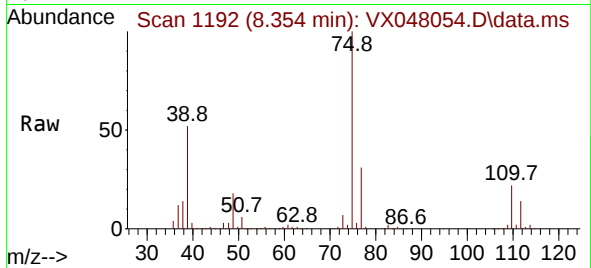
39 52.0 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#50

1,1,2-Trichloroethane

Concen: 51.851 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Tgt Ion: 97 Resp: 91861

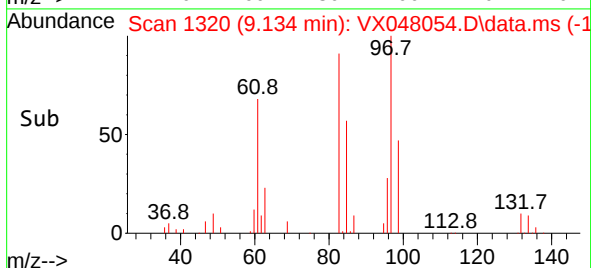
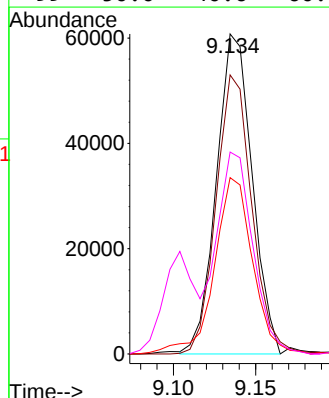
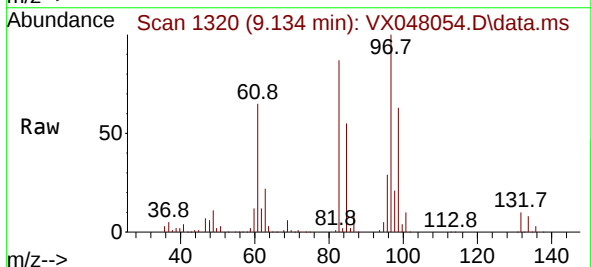
Ion Ratio Lower Upper

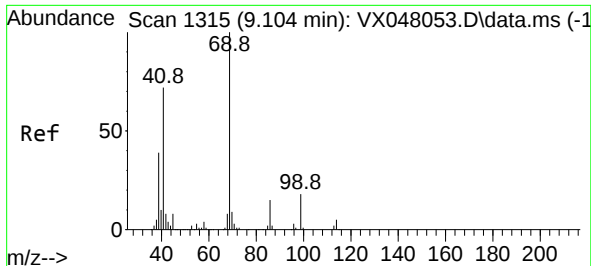
97 100

83 72.5 58.9 88.3

85 43.6 36.8 55.2

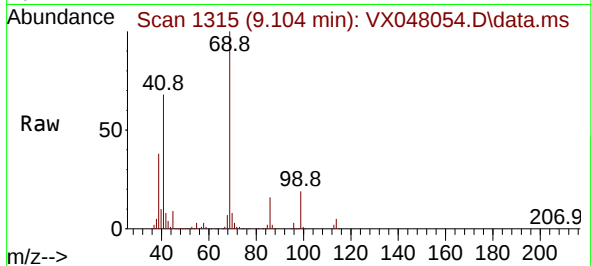
99 50.0 40.6 60.8





#51
Ethyl methacrylate
Concen: 54.404 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

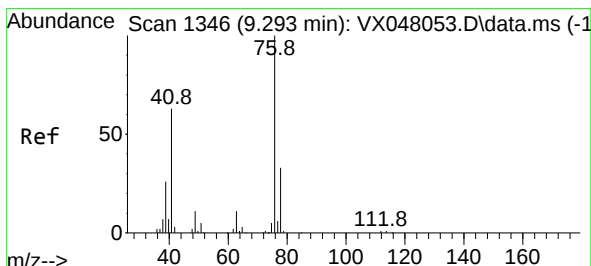
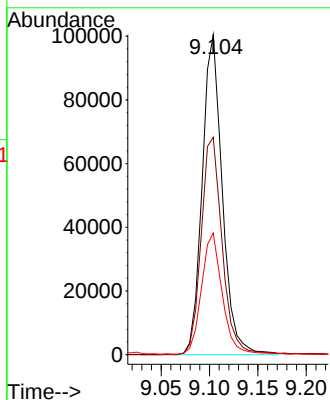
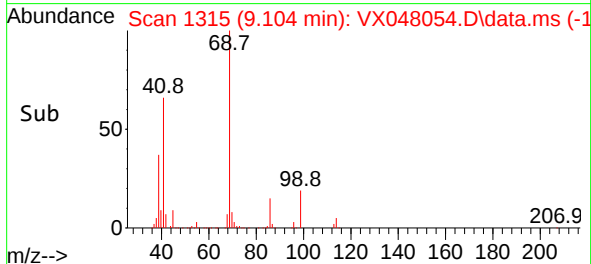
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 69 Resp: 14569
Ion Ratio Lower Upper
69 100
41 67.8 35.9 107.8
39 37.7 19.3 57.9

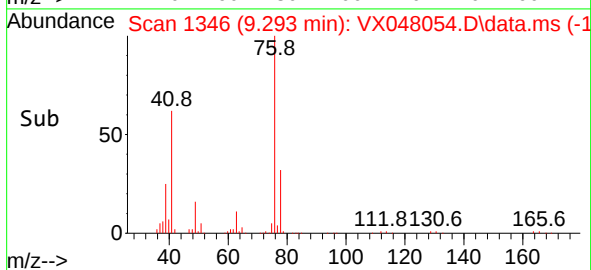
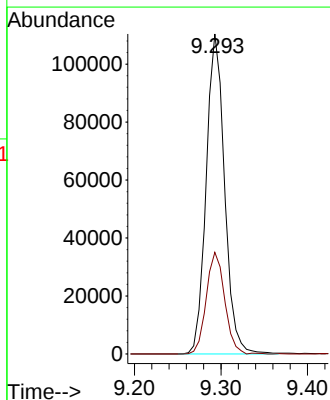
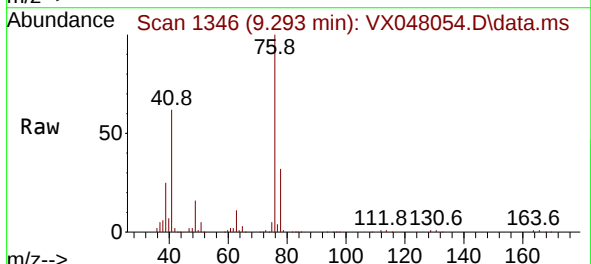
Manual Integrations
APPROVED

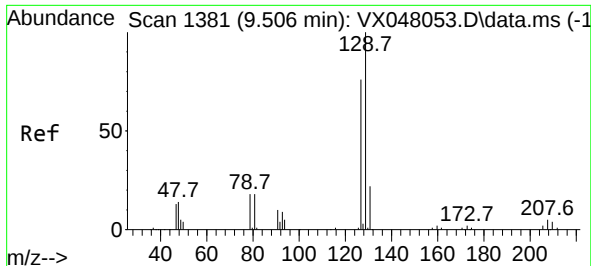
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#52
1,3-Dichloropropane
Concen: 53.035 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

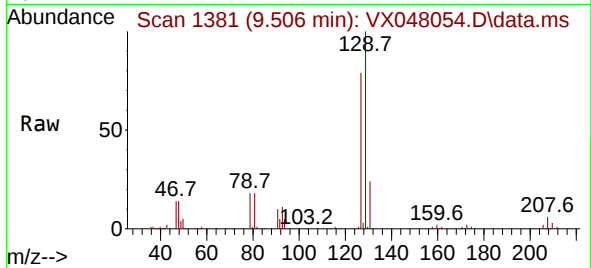
Tgt Ion: 76 Resp: 162724
Ion Ratio Lower Upper
76 100
78 31.6 0.0 64.2





#53
Dibromochloromethane
Concen: 54.748 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

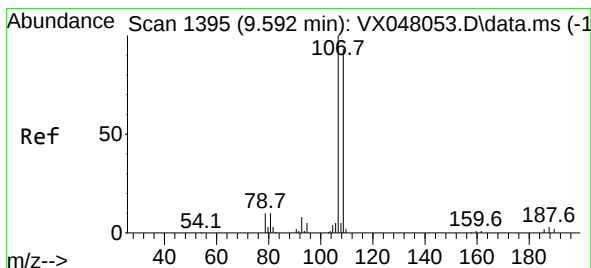
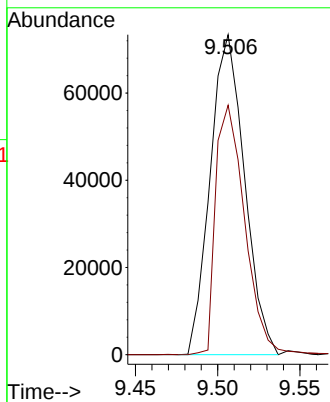
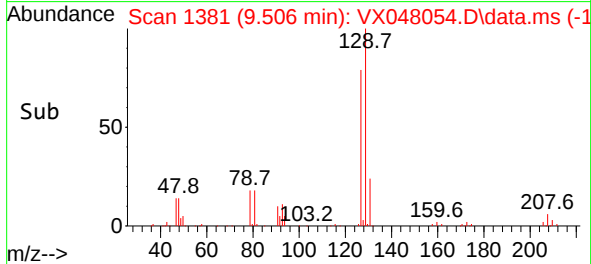
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



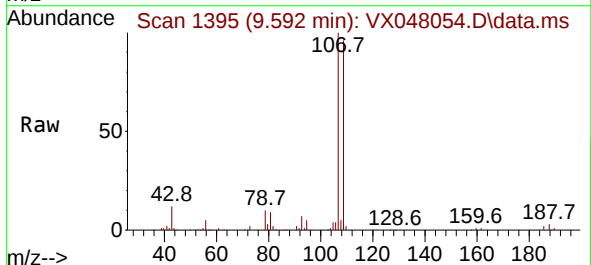
Tgt Ion:129 Resp: 106624
Ion Ratio Lower Upper
129 100
127 66.1 0.1 0.5

Manual Integrations
APPROVED

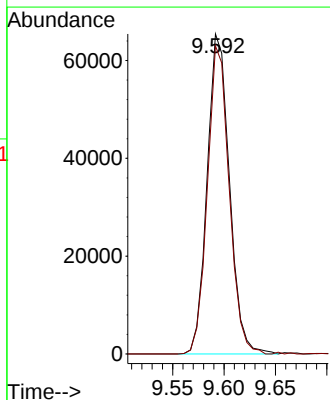
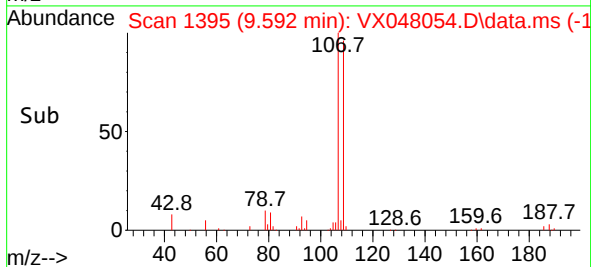
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

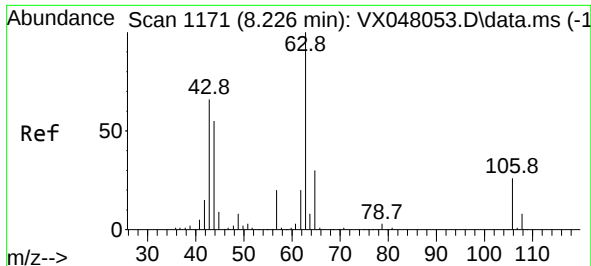


#54
1,2-Dibromoethane
Concen: 53.099 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43



Tgt Ion:107 Resp: 98691
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8





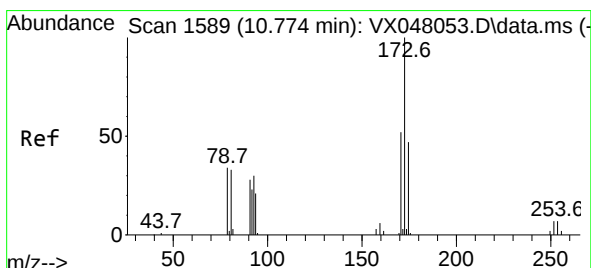
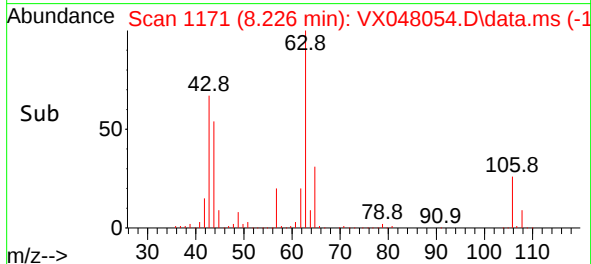
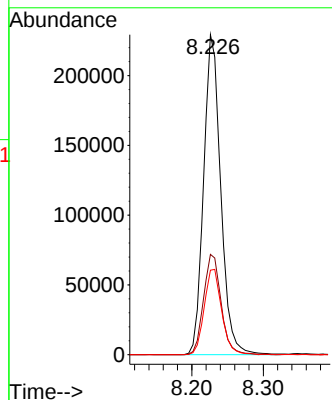
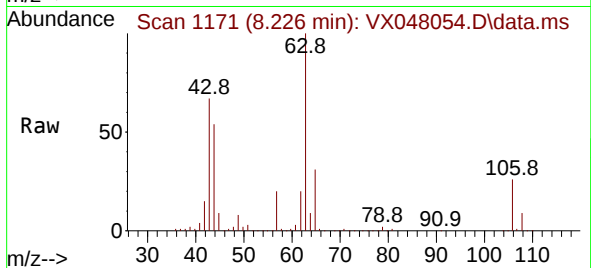
#55
2-Chloroethyl vinyl ether
Concen: 275.524 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 38161
Ion Ratio Lower Upper
63 100
65 32.1 25.0 37.4
106 27.2 21.9 32.9

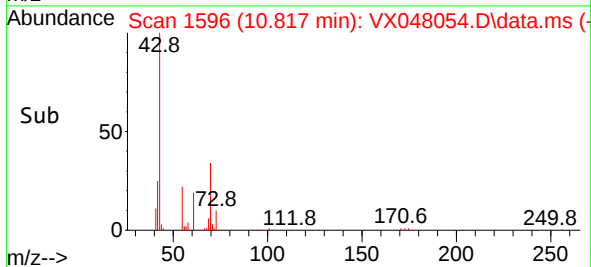
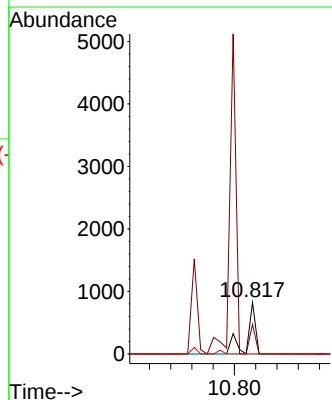
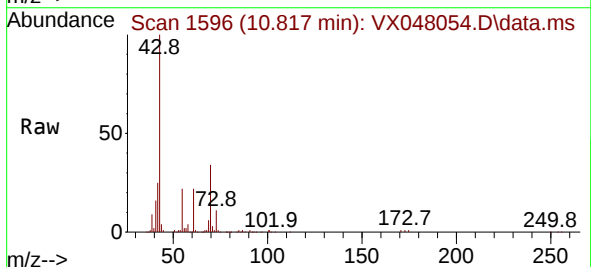
Manual Integrations
APPROVED

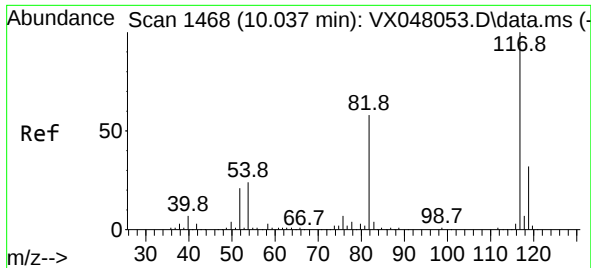
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#56
Bromoform
Concen: 0.439 ug/l m
RT: 10.817 min Scan# 1596
Delta R.T. 0.043 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

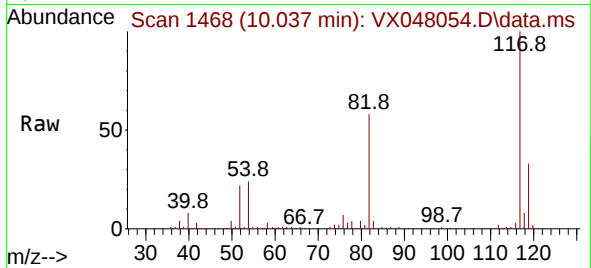
Tgt Ion:173 Resp: 446
Ion Ratio Lower Upper
173 100
175 420.2 281.0 421.6
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

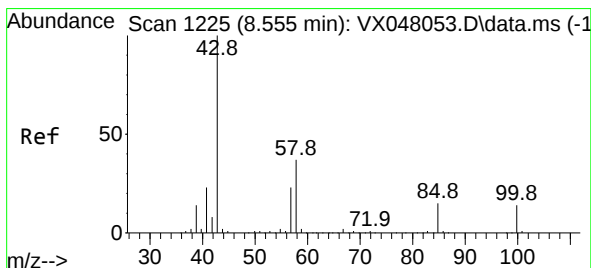
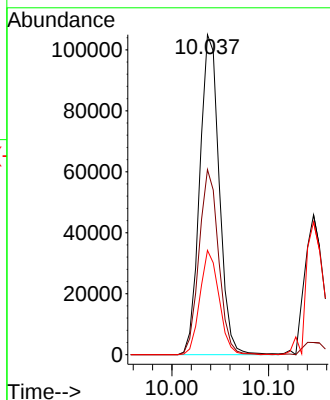
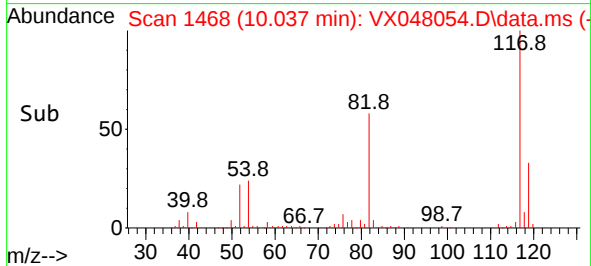
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 147460
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 31.9 25.6 38.4

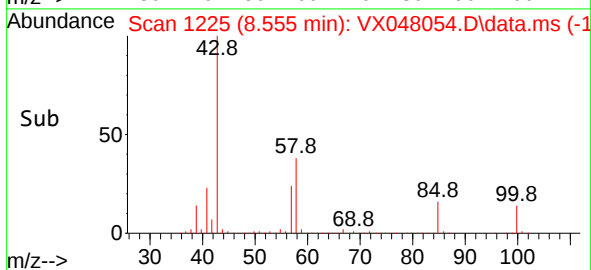
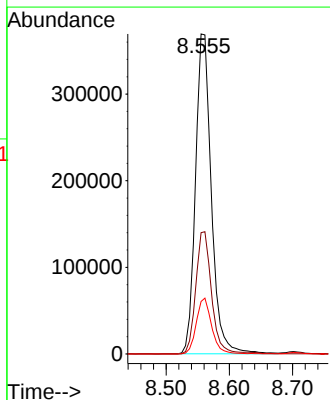
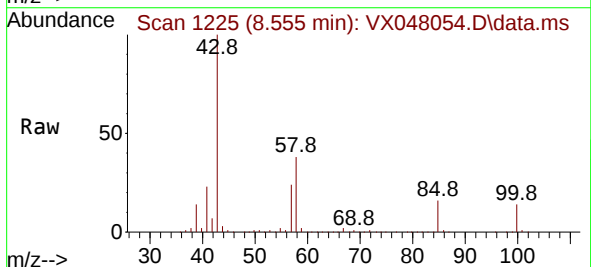
Manual Integrations
APPROVED

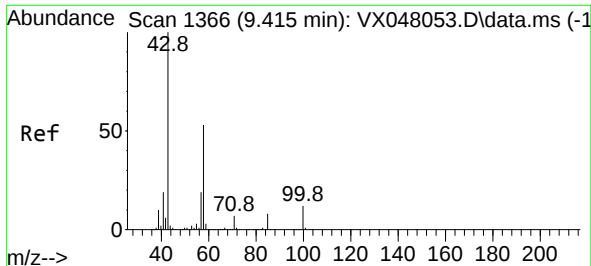
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#58
4-Methyl-2-Pentanone
Concen: 266.857 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

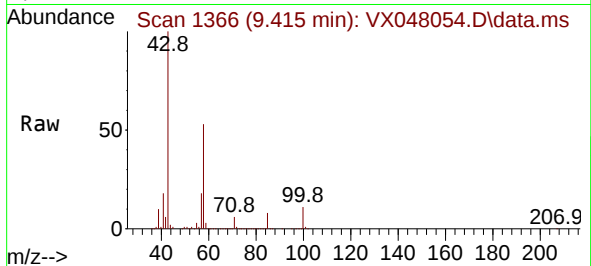
Tgt Ion: 43 Resp: 646851
Ion Ratio Lower Upper
43 100
58 37.8 29.5 44.3
85 17.0 12.8 19.2





#59
2-Hexanone
Concen: 266.051 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

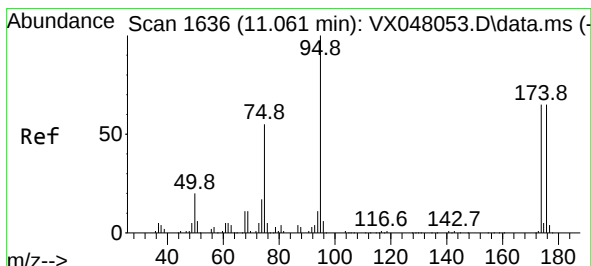
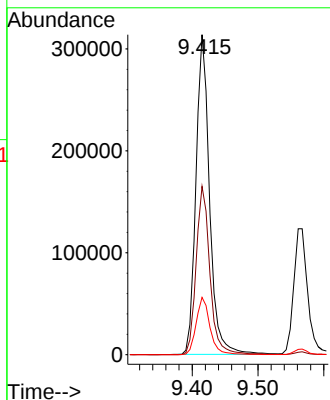
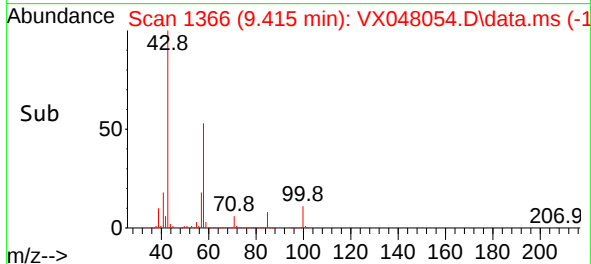
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 451090
Ion Ratio Lower Upper
43 100
58 53.2 42.2 63.2
57 18.0 14.2 21.4

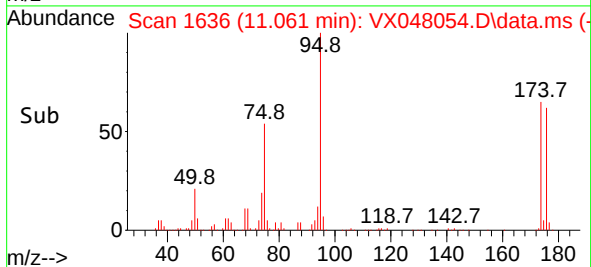
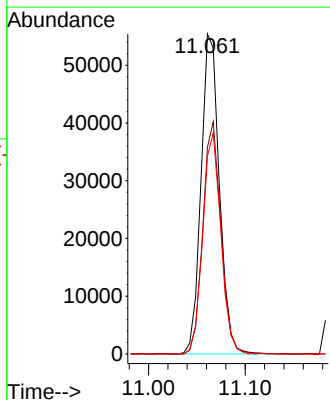
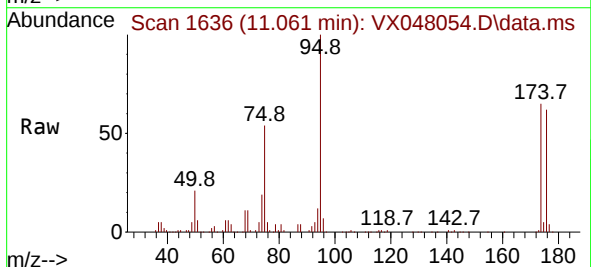
Manual Integrations
APPROVED

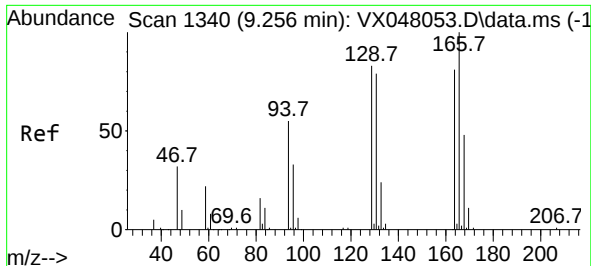
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#60
4-Bromofluorobenzene
Concen: 29.495 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

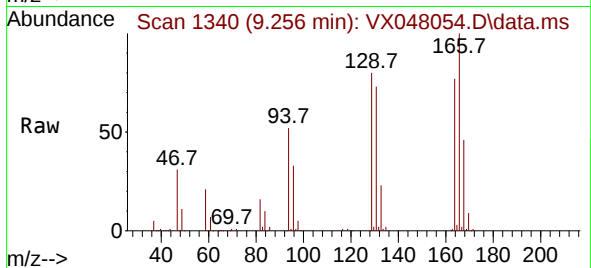
Tgt Ion: 95 Resp: 73149
Ion Ratio Lower Upper
95 100
174 71.8 55.8 83.8
176 68.2 55.0 82.4





#61
Tetrachloroethene
Concen: 48.624 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

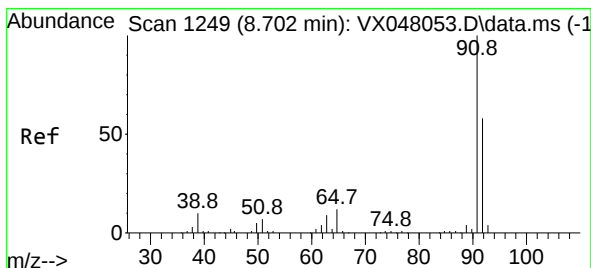
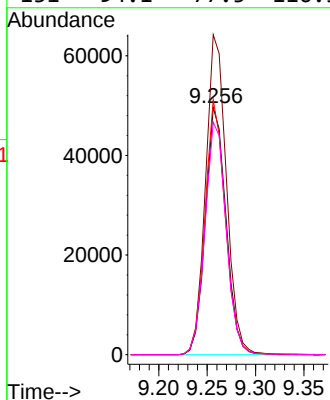
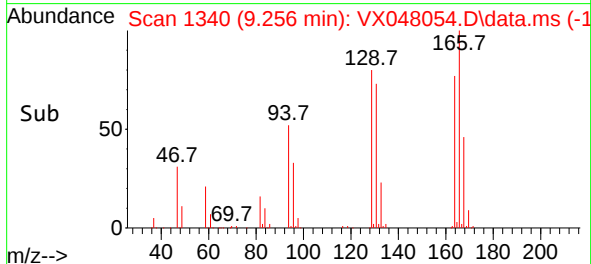
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 74139
Ion Ratio Lower Upper
164 100
166 129.4 97.3 145.9
129 105.3 81.6 122.4
131 94.1 77.5 116.3

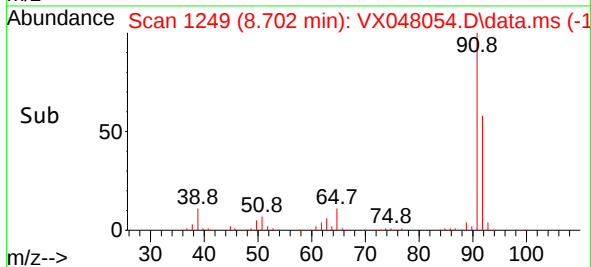
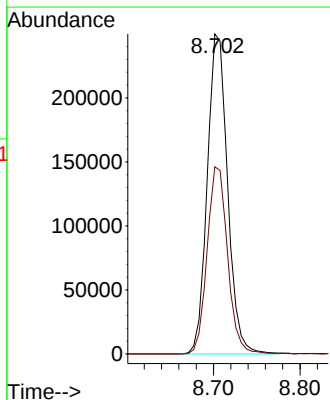
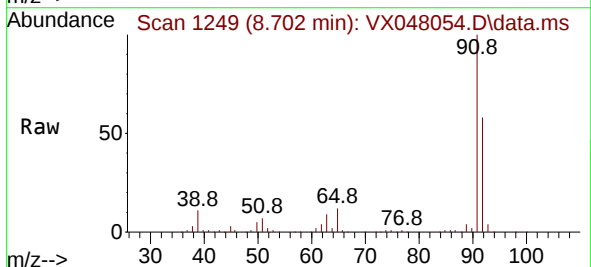
Manual Integrations
APPROVED

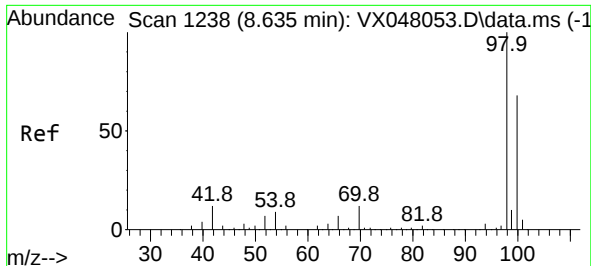
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#62
Toluene
Concen: 51.209 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 91 Resp: 407485
Ion Ratio Lower Upper
91 100
92 58.8 47.1 70.7





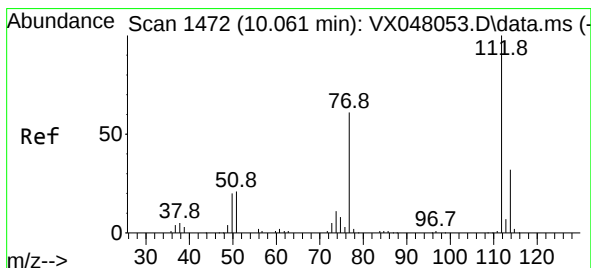
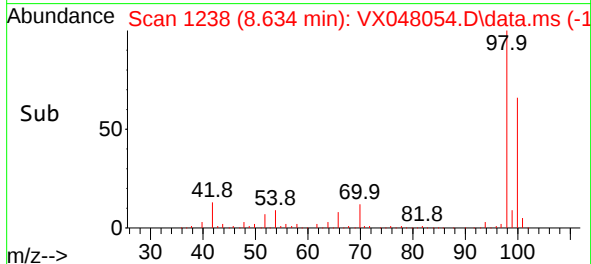
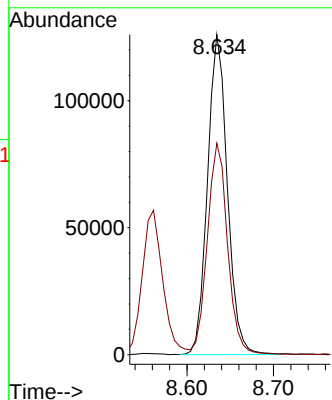
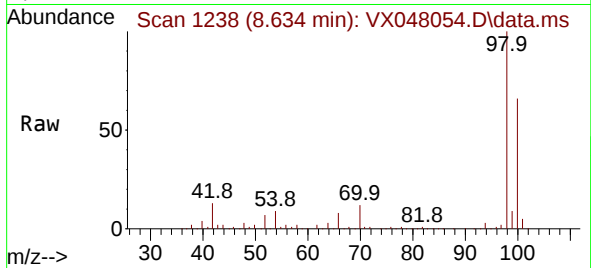
#63
Toluene-d8
Concen: 30.481 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 98 Resp: 200534
Ion Ratio Lower Upper
98 100
100 67.2 54.1 81.1

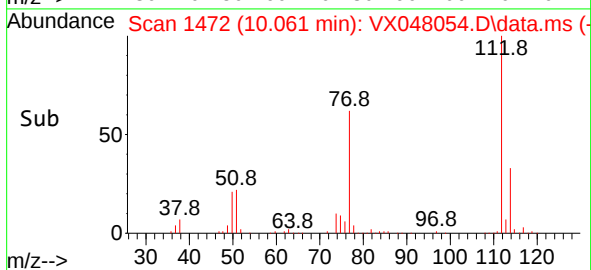
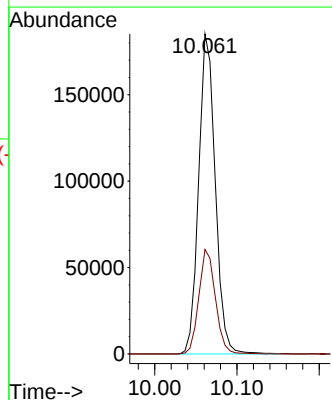
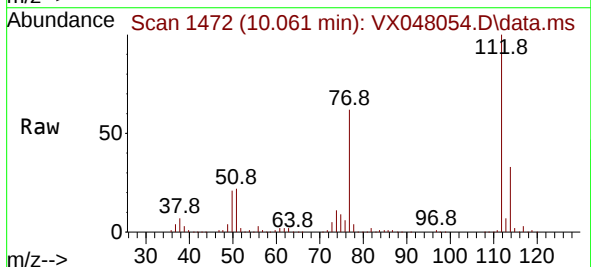
Manual Integrations
APPROVED

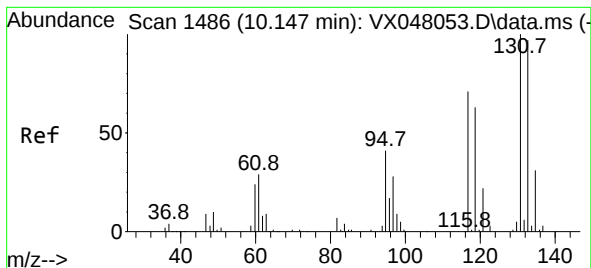
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#64
Chlorobenzene
Concen: 50.489 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

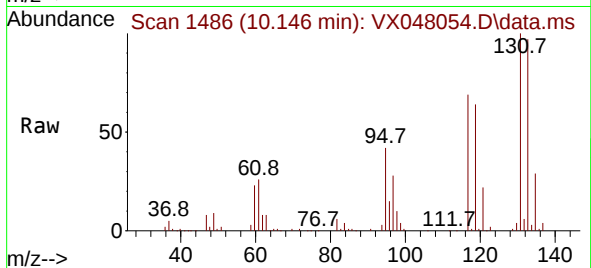
Tgt Ion:112 Resp: 259638
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 53.072 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

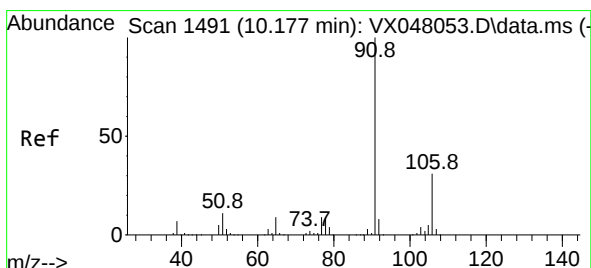
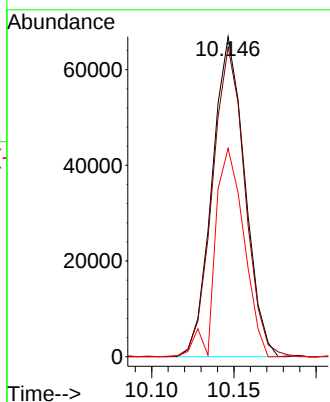
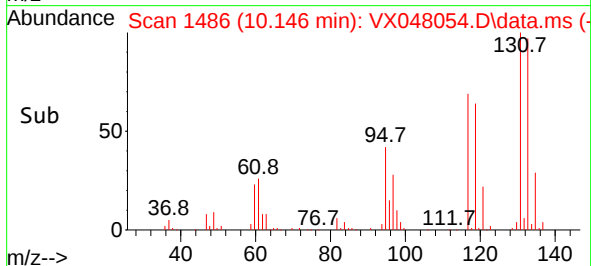
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 9229
Ion Ratio Lower Upper
131 100
133 96.5 0.0 188.0
119 54.4 0.0 44.4

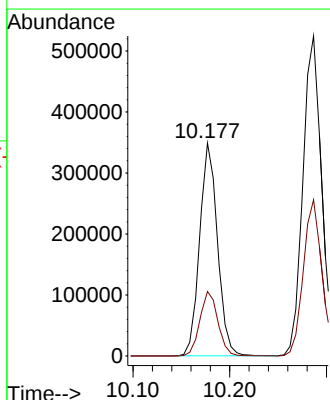
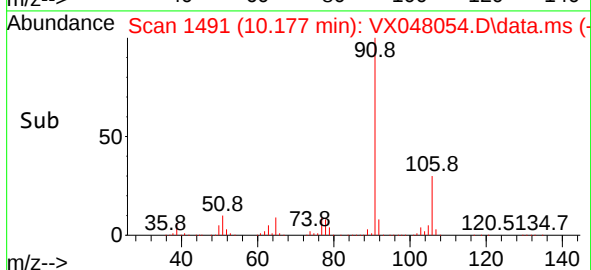
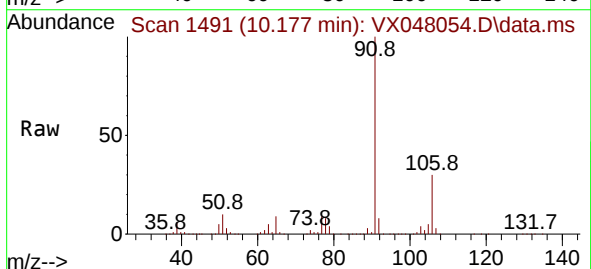
Manual Integrations
APPROVED

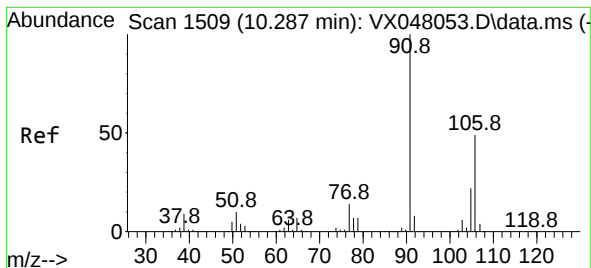
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#66
Ethyl Benzene
Concen: 49.887 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion: 91 Resp: 448296
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6





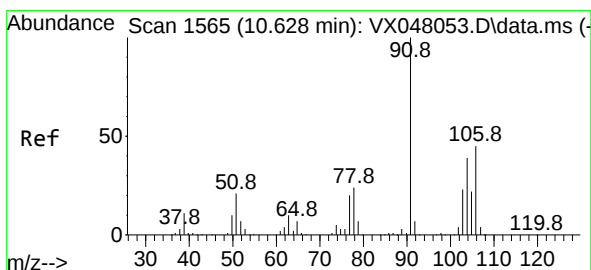
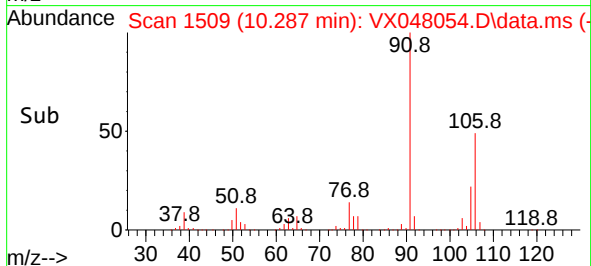
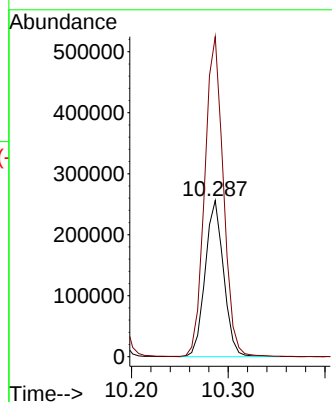
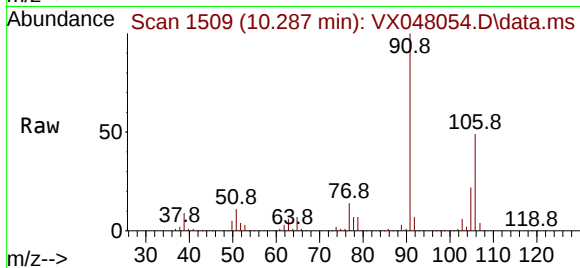
#67
m/p-Xylenes
Concen: 101.713 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 340689
Ion Ratio Lower Upper
106 100
91 206.9 165.8 248.6

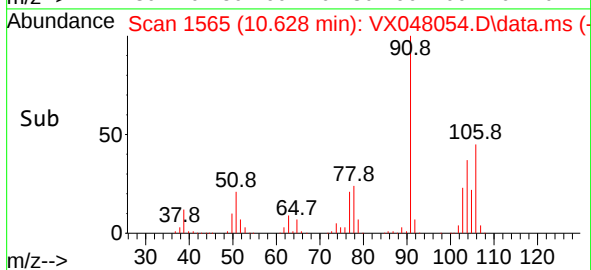
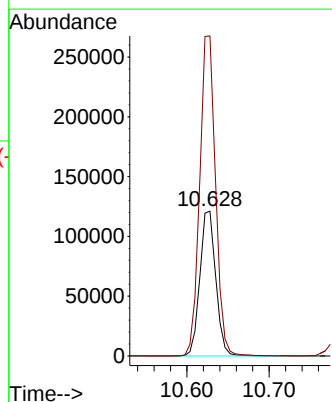
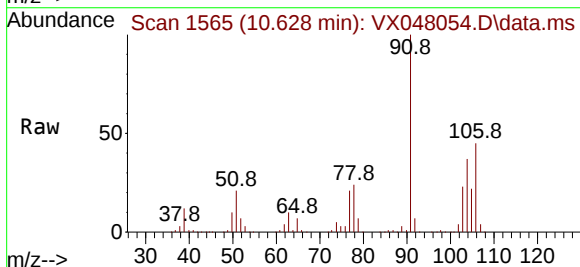
Manual Integrations
APPROVED

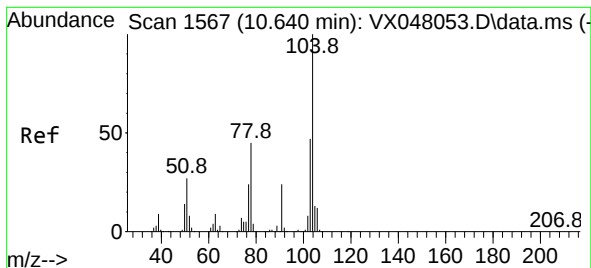
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#68
o-Xylene
Concen: 50.724 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion:106 Resp: 162850
Ion Ratio Lower Upper
106 100
91 220.5 112.6 337.6





#69

Styrene

Concen: 51.772 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:104 Resp: 28683

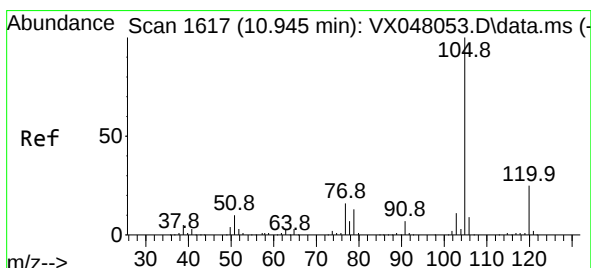
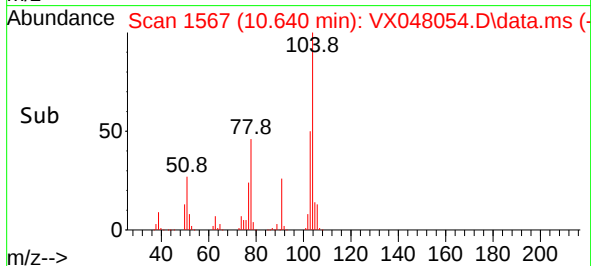
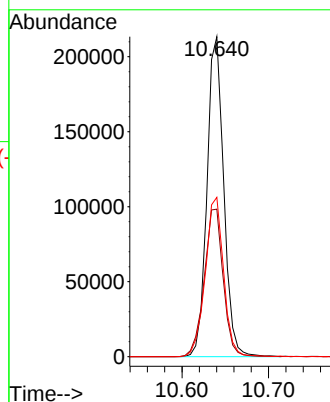
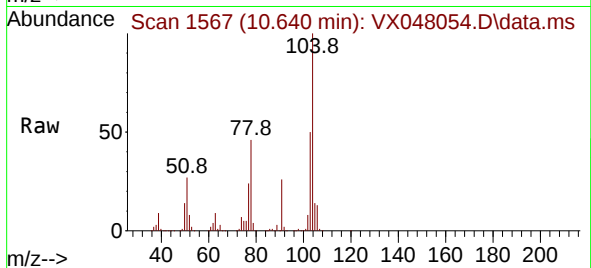
Ion	Ratio	Lower	Upper
104	100		
78	52.4	41.4	62.0
103	54.5	42.4	63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#70

Isopropylbenzene

Concen: 47.900 ug/l

RT: 10.945 min Scan# 1617

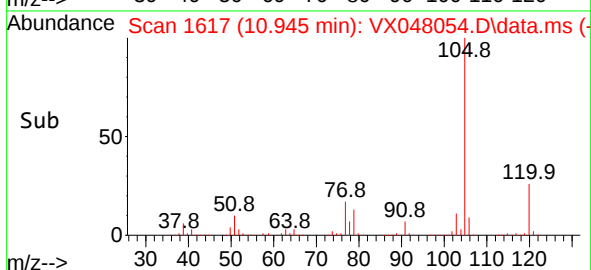
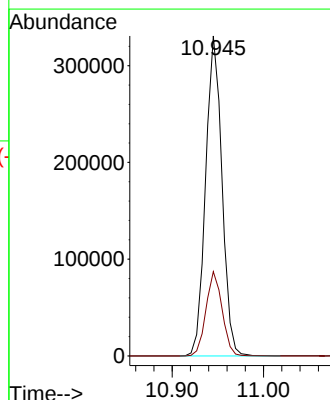
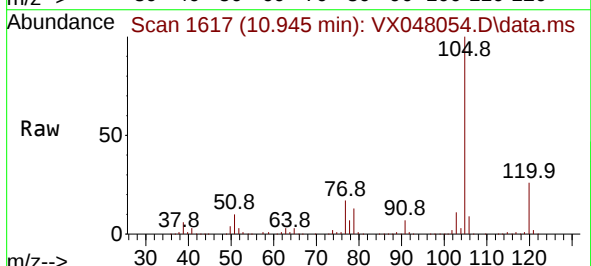
Delta R.T. -0.000 min

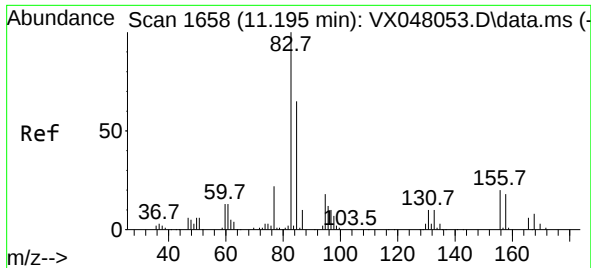
Lab File: VX048054.D

Acq: 07 Oct 2025 17:43

Tgt Ion:105 Resp: 409772

Ion	Ratio	Lower	Upper
105	100		
120	25.9	18.3	33.9





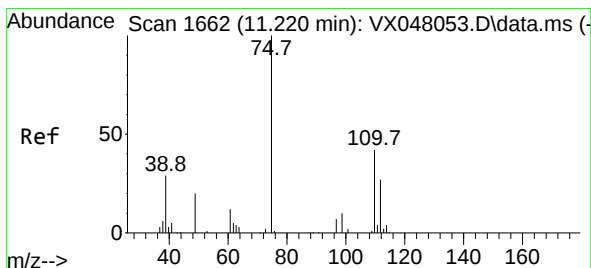
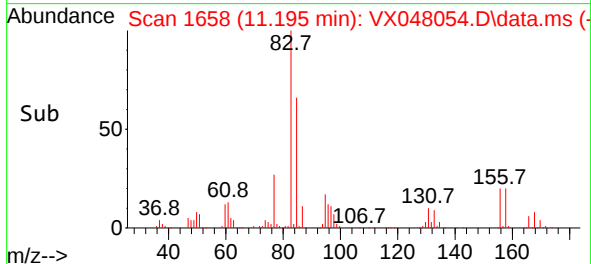
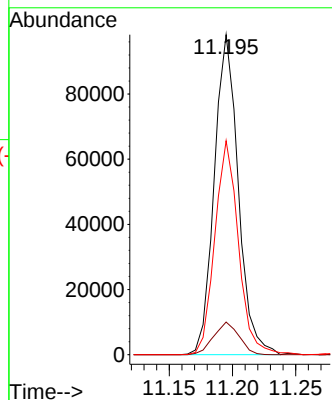
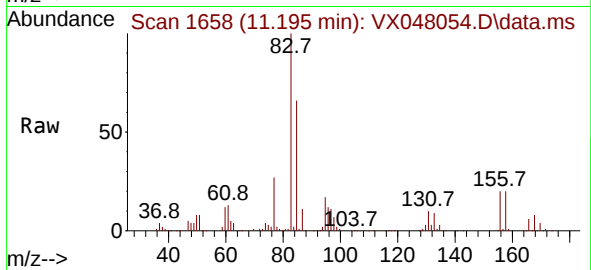
#71
1,1,2,2-Tetrachloroethane
Concen: 50.592 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 129480
Ion Ratio Lower Upper
83 100
131 10.8 4.7 14.1
85 65.9 32.0 96.2

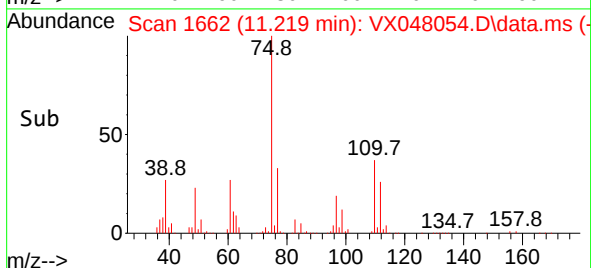
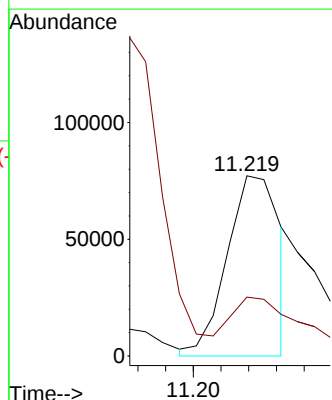
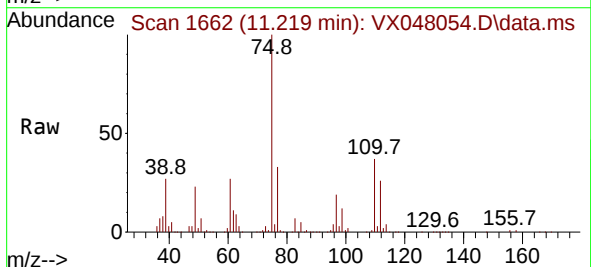
Manual Integrations
APPROVED

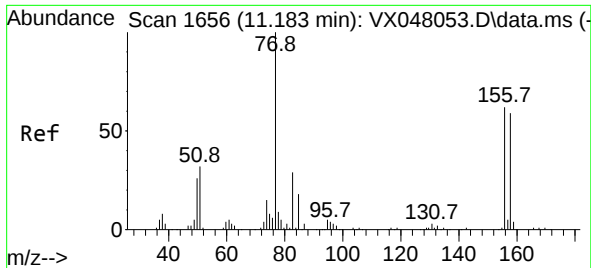
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#72
1,2,3-Trichloropropane
Concen: 47.203 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

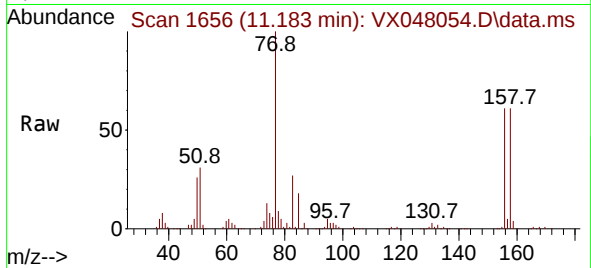
Tgt Ion: 75 Resp: 101978
Ion Ratio Lower Upper
75 100
77 44.1 0.0 76.4





#73
Bromobenzene
Concen: 50.077 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

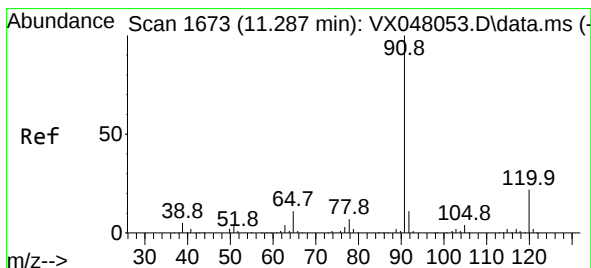
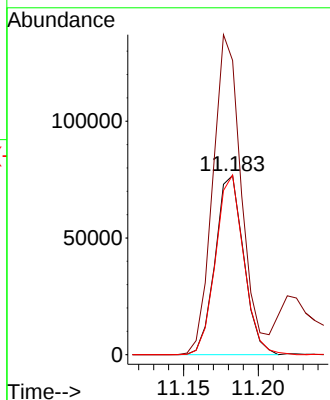
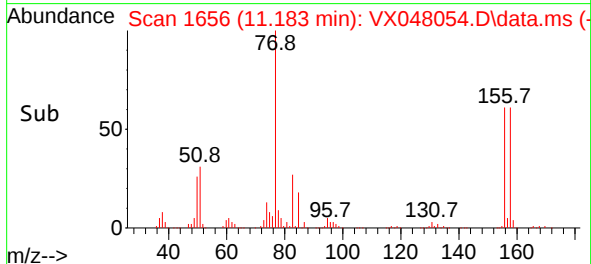
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



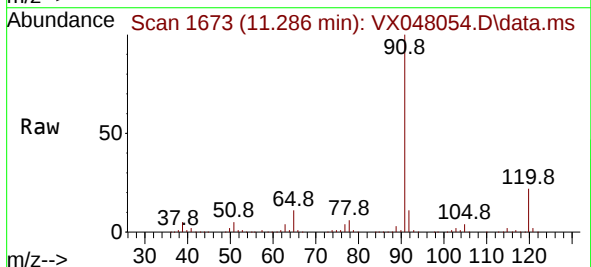
Tgt Ion:156 Resp: 101684
Ion Ratio Lower Upper
156 100
77 178.8 0.0 366.2
158 99.0 0.0 196.8

Manual Integrations
APPROVED

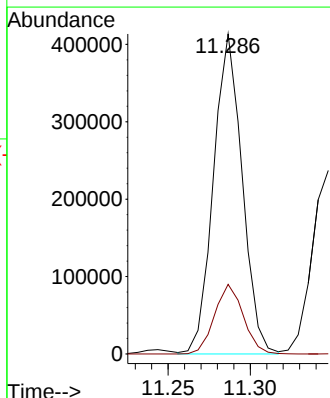
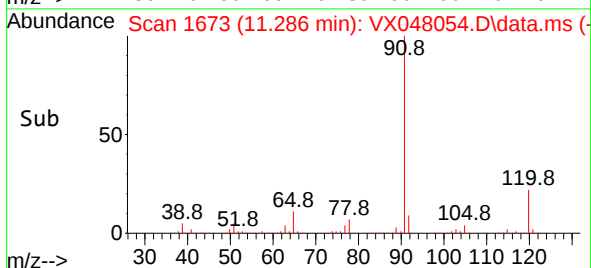
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

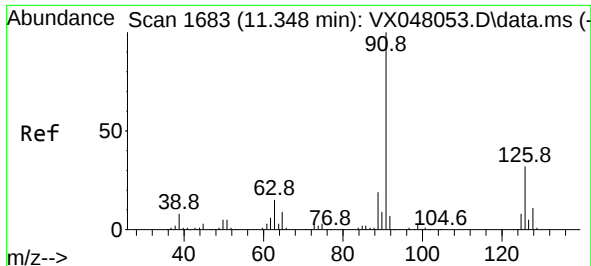


#74
n-propylbenzene
Concen: 49.132 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43



Tgt Ion: 91 Resp: 501827
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.2





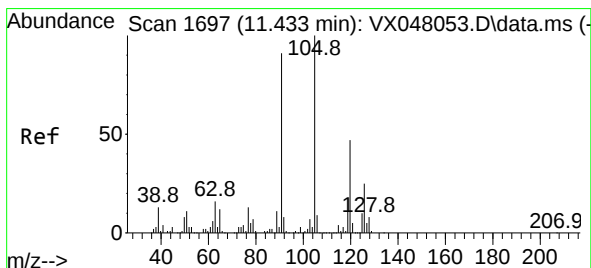
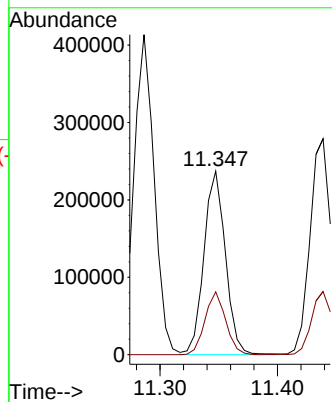
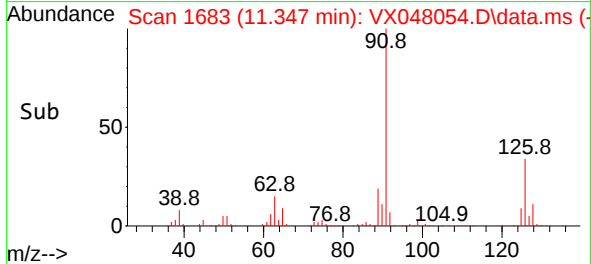
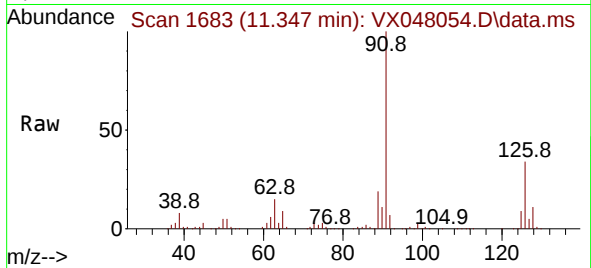
#75
2-Chlorotoluene
Concen: 48.849 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 300828
Ion Ratio Lower Upper
91 100
126 32.9 0.0 63.2

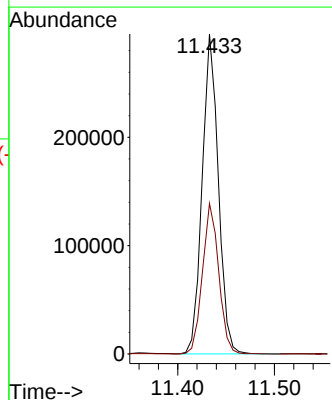
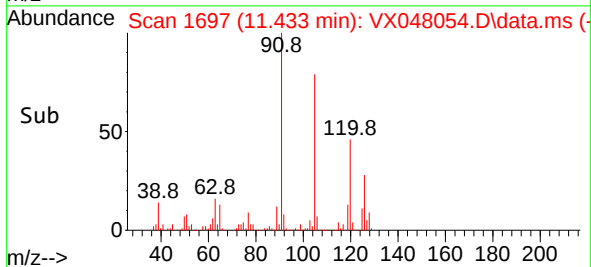
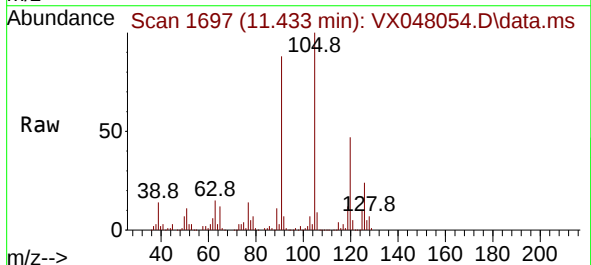
Manual Integrations
APPROVED

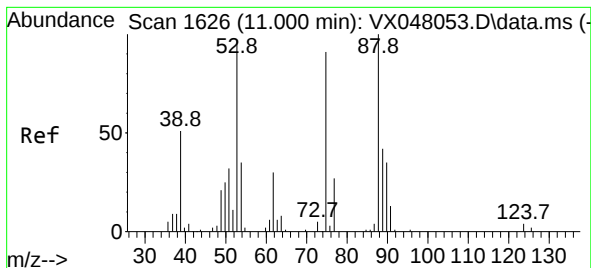
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#76
1,3,5-Trimethylbenzene
Concen: 48.469 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion:105 Resp: 343826
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.4





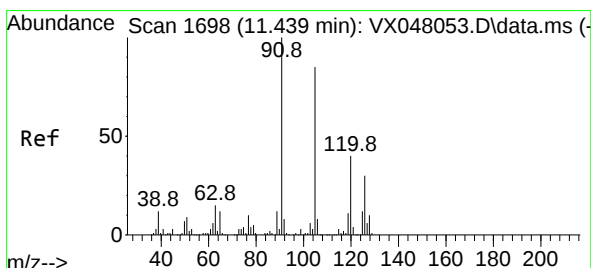
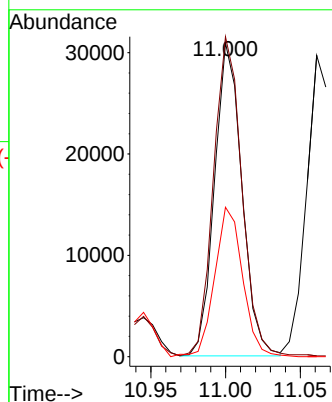
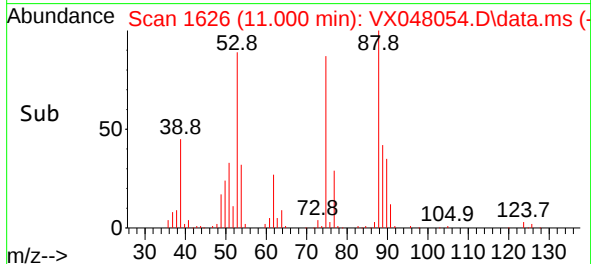
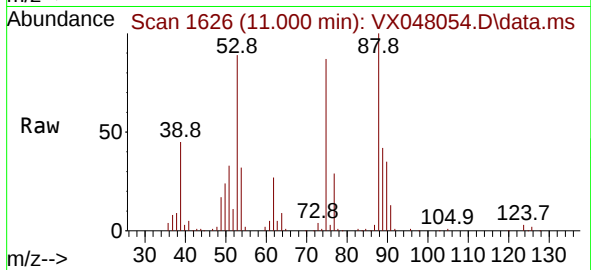
#77
t-1,4-Dichloro-2-butene
Concen: 53.442 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 3930
Ion Ratio Lower Upper
75 100
53 102.2 53.7 161.1
89 47.1 23.2 69.5

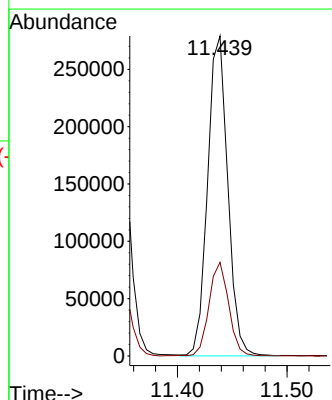
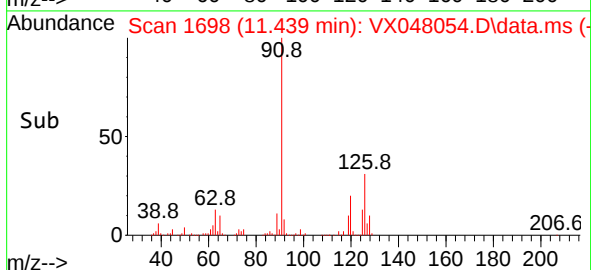
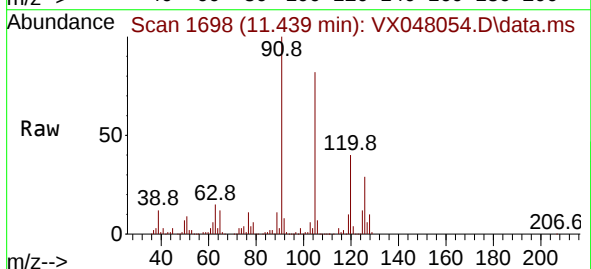
Manual Integrations
APPROVED

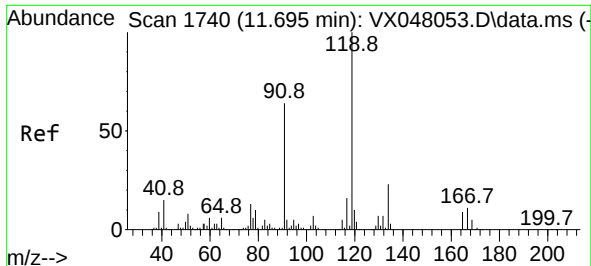
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#78
4-Chlorotoluene
Concen: 49.979 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

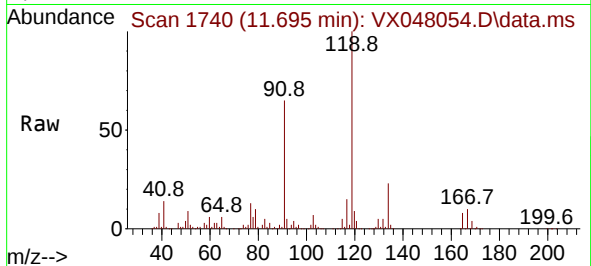
Tgt Ion: 91 Resp: 356365
Ion Ratio Lower Upper
91 100
126 28.5 0.0 57.2





#79
tert-butylbenzene
Concen: 47.761 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

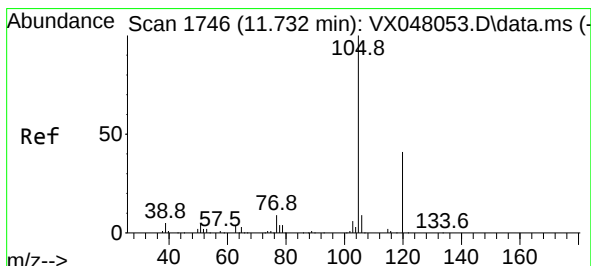
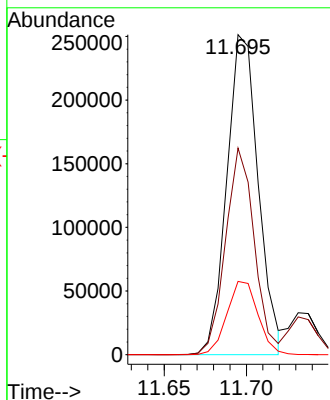
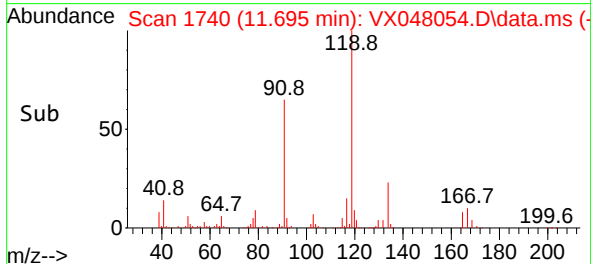
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:119 Resp: 334698
Ion Ratio Lower Upper
119 100
91 59.3 0.0 119.0
134 22.7 0.0 46.4

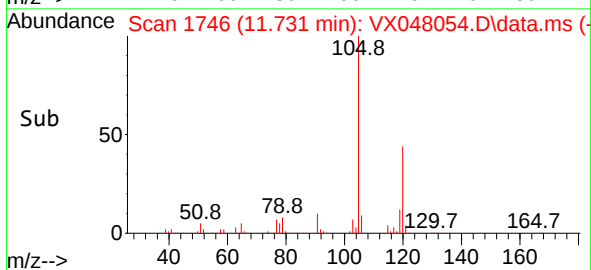
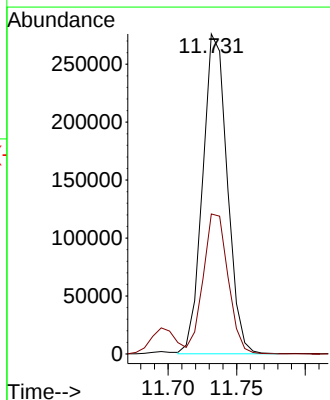
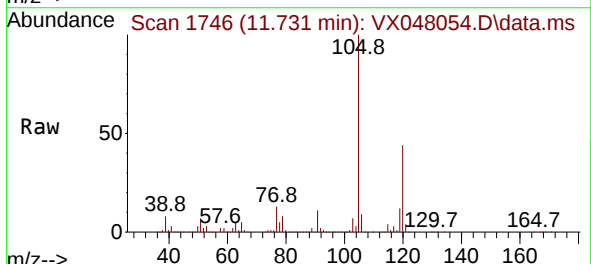
Manual Integrations
APPROVED

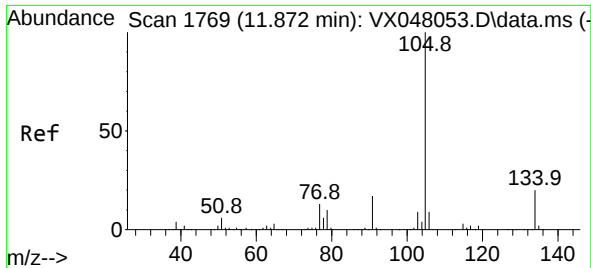
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#80
1,2,4-Trimethylbenzene
Concen: 49.080 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

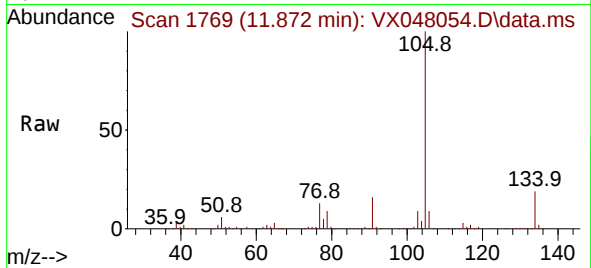
Tgt Ion:105 Resp: 345068
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 45.143 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048054.D
 Acq: 07 Oct 2025 17:43

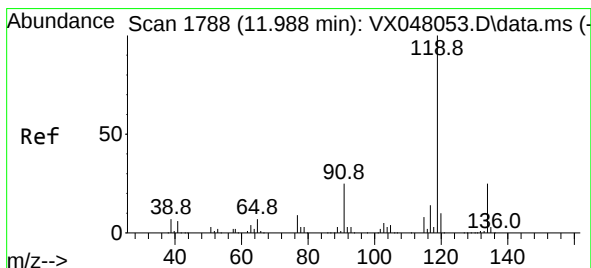
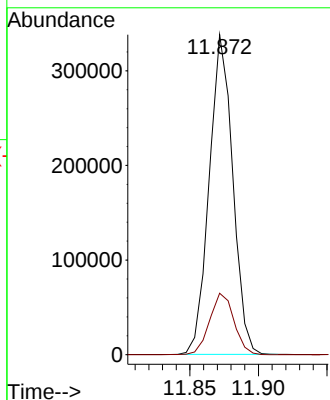
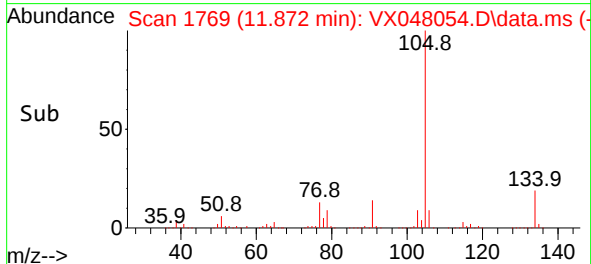
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



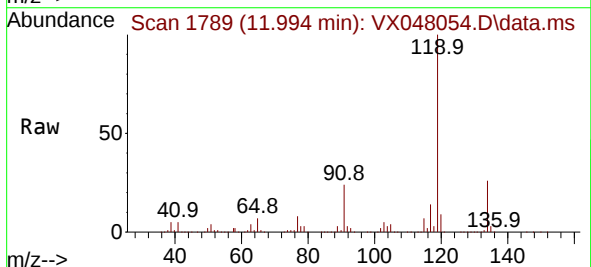
Tgt Ion:105 Resp: 403360
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4

Manual Integrations
 APPROVED

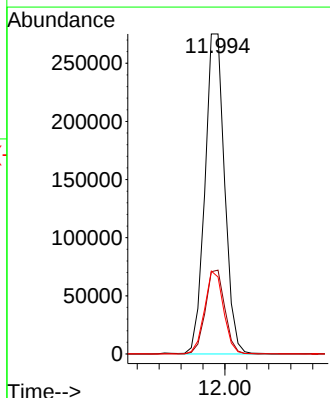
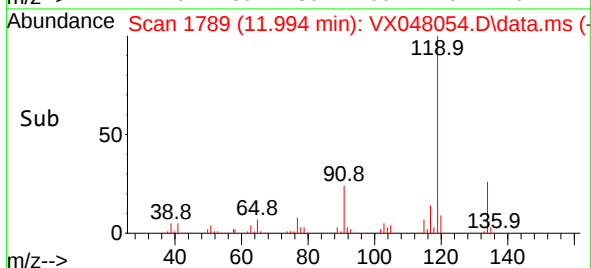
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025

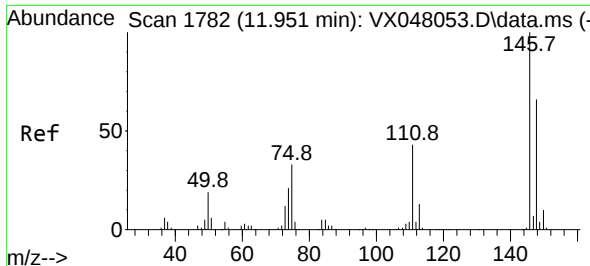


#82
 p-Isopropyltoluene
 Concen: 46.551 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048054.D
 Acq: 07 Oct 2025 17:43



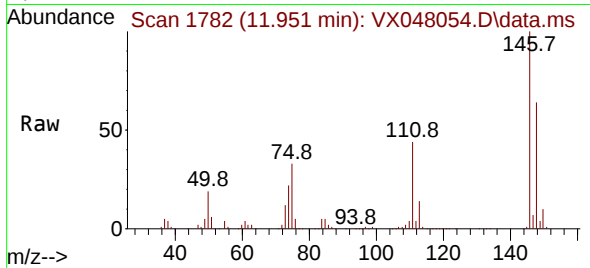
Tgt Ion:119 Resp: 341754
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.6
 91 25.0 0.0 49.8





#83
1,3-Dichlorobenzene
Concen: 50.187 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

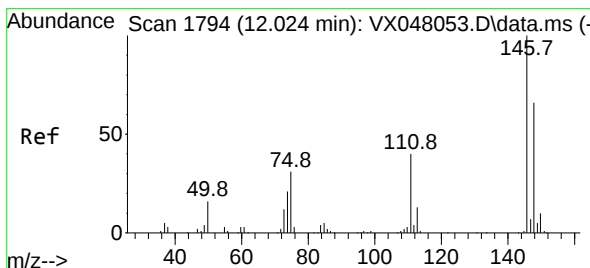
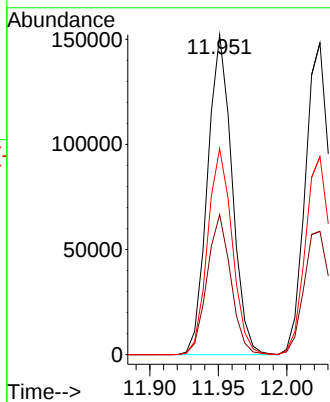
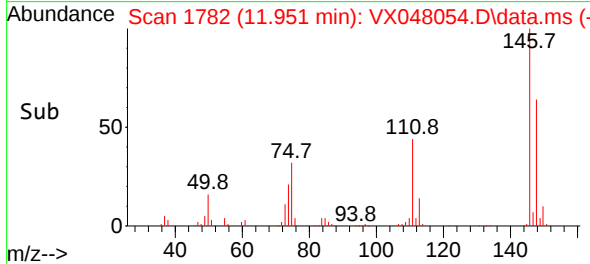
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



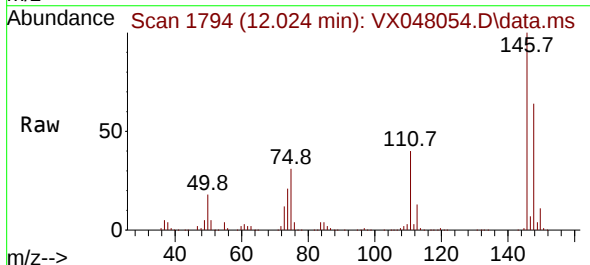
Tgt Ion:146 Resp: 188958
Ion Ratio Lower Upper
146 100
111 42.5 21.6 64.8
148 64.5 32.7 98.1

Manual Integrations
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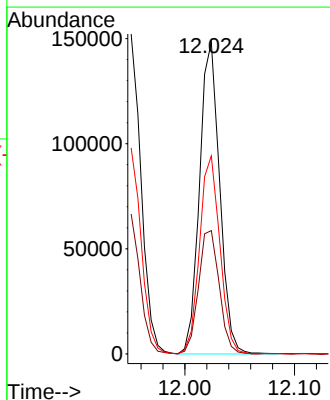
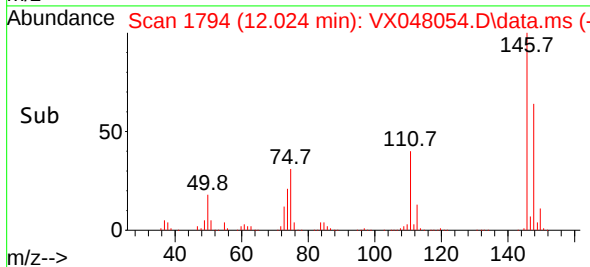
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

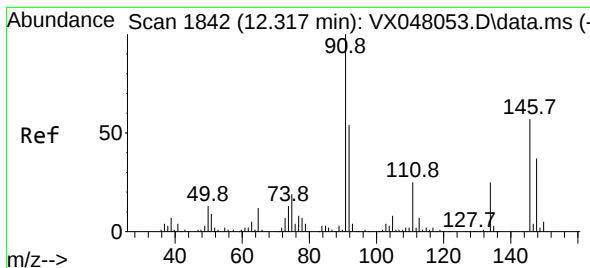


#84
1,4-Dichlorobenzene
Concen: 49.963 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43



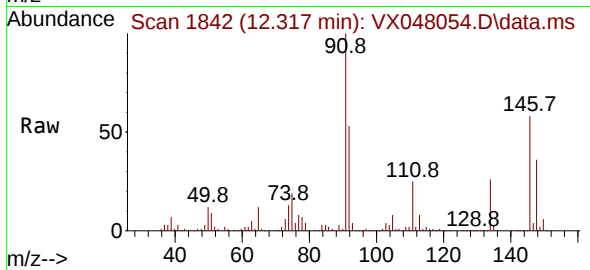
Tgt Ion:146 Resp: 189392
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 64.0 32.6 98.0





#85
n-Butylbenzene
Concen: 45.065 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

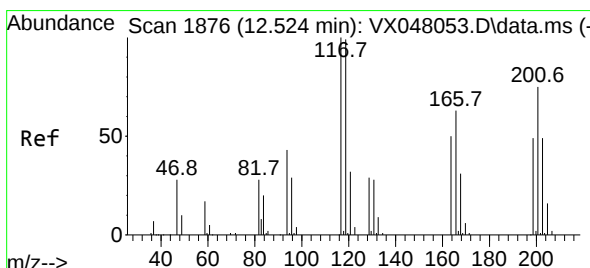
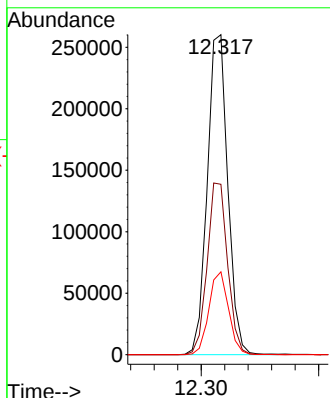
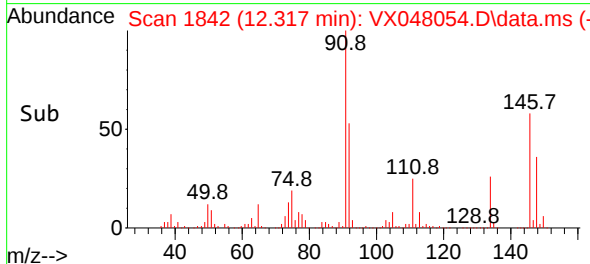
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 315830
Ion Ratio Lower Upper
91 100
92 53.5 0.0 106.8
134 24.9 0.0 48.4

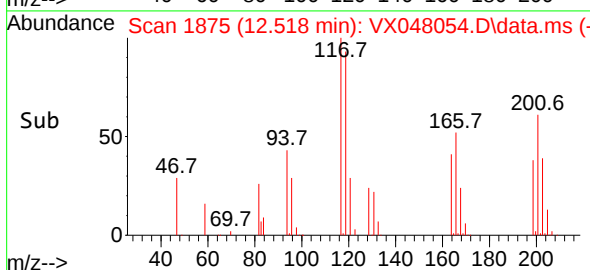
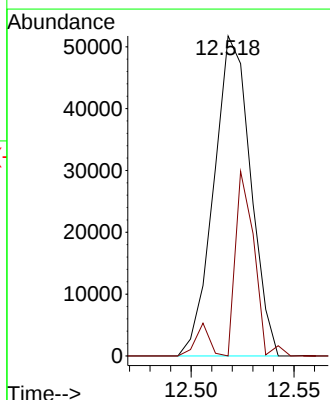
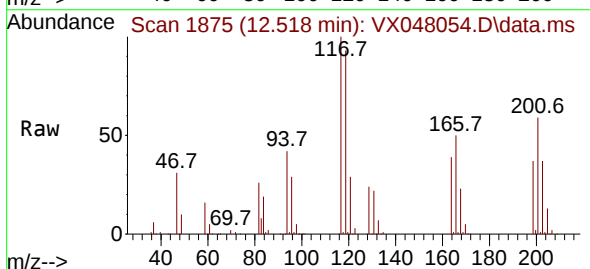
Manual Integrations
APPROVED

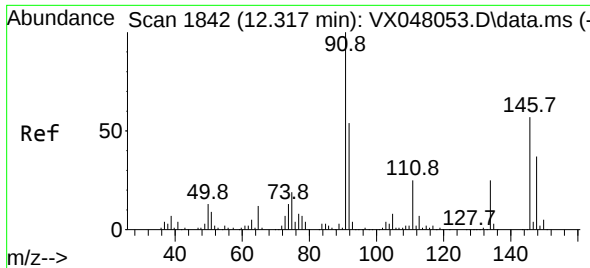
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#86
Hexachloroethane
Concen: 53.410 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

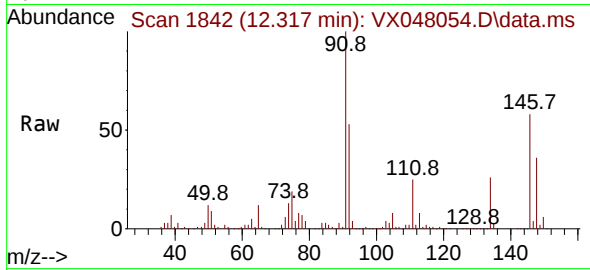
Tgt Ion:117 Resp: 64260
Ion Ratio Lower Upper
117 100
201 28.4 14.6 44.0





#87
1,2-Dichlorobenzene
Concen: 50.449 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

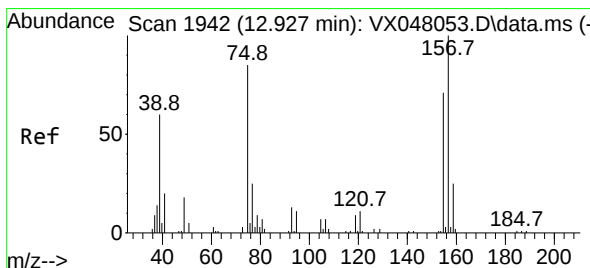
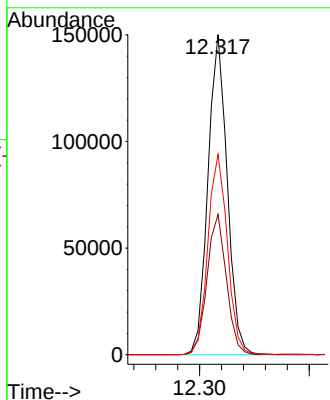
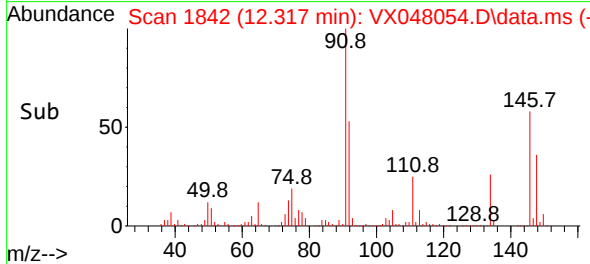
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:146 Resp: 182890
Ion Ratio Lower Upper
146 100
111 44.0 21.7 65.1
148 63.5 31.9 95.9

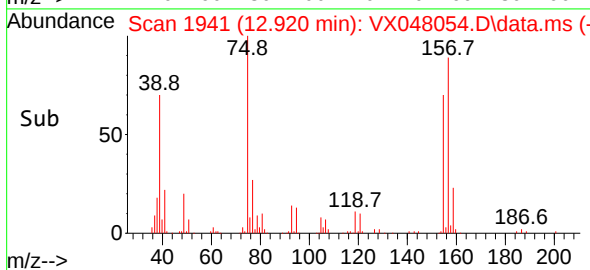
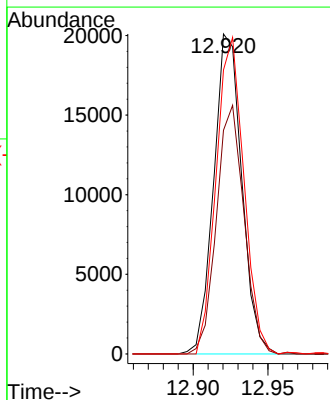
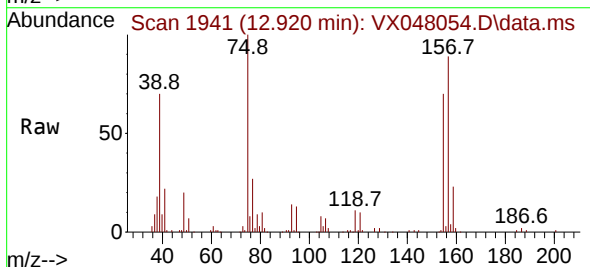
Manual Integrations
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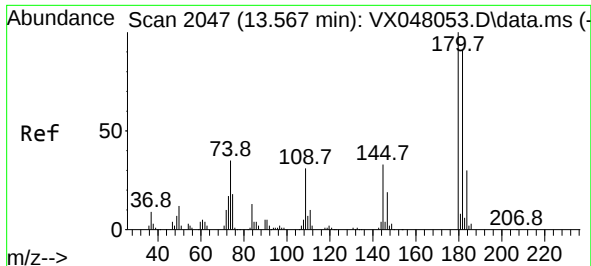
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 50.434 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

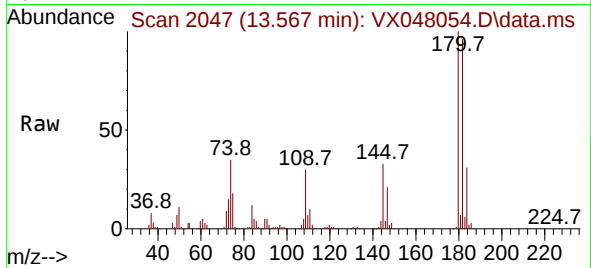
Tgt Ion: 75 Resp: 26201
Ion Ratio Lower Upper
75 100
155 76.2 62.8 94.2
157 97.8 81.1 121.7





#89
1,2,4-Trichlorobenzene
Concen: 47.599 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

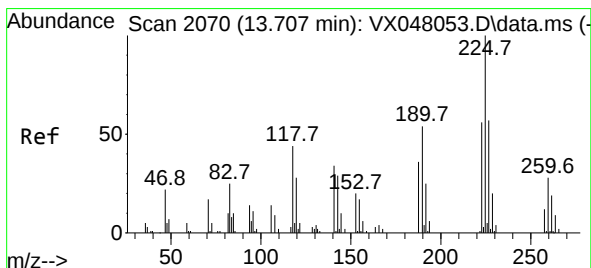
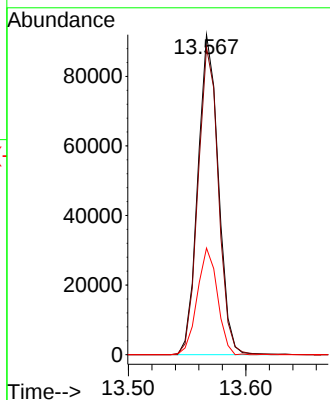
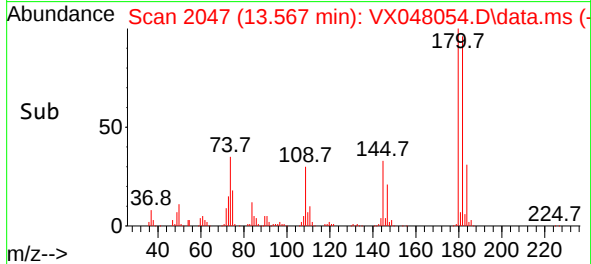
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:180 Resp: 11162
Ion Ratio Lower Upper
180 100
182 95.4 73.4 110.0
145 32.6 26.2 39.4

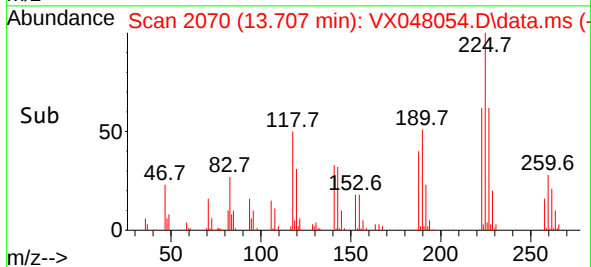
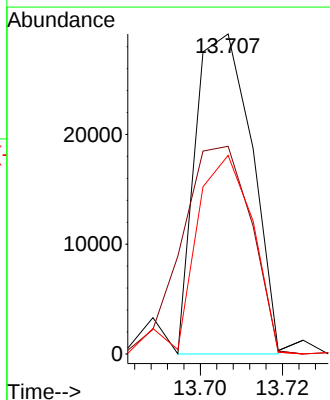
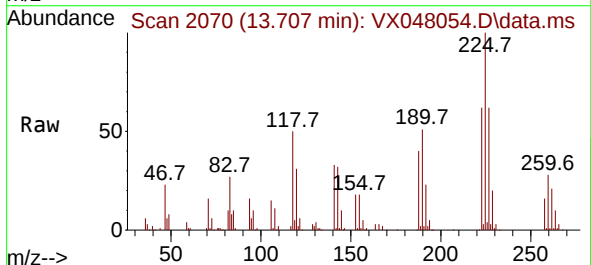
Manual Integrations
APPROVED

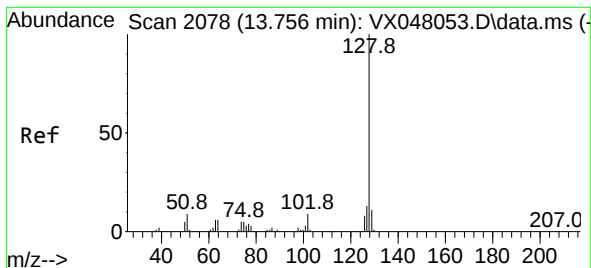
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#90
Hexachlorobutadiene
Concen: 28.526 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

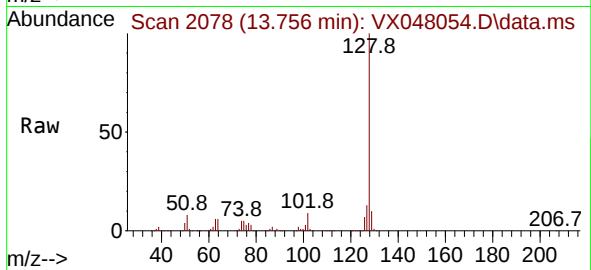
Tgt Ion:225 Resp: 27724
Ion Ratio Lower Upper
225 100
223 80.3 0.0 130.0
227 60.2 0.0 63.0





#91
Naphthalene
Concen: 47.995 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

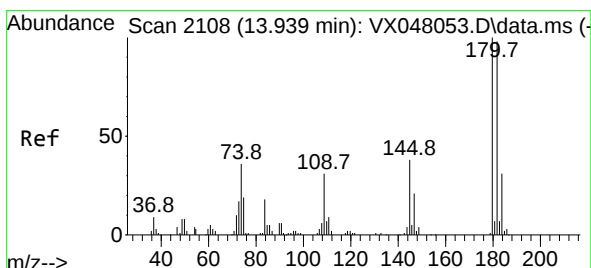
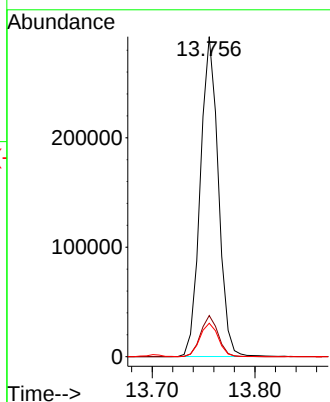
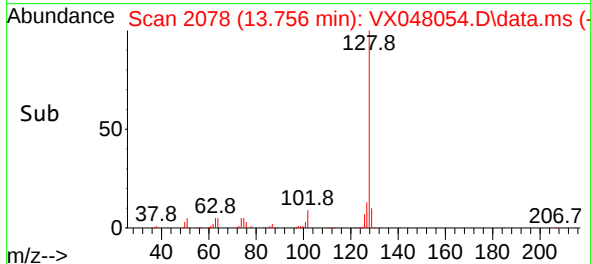
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 355217
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#92
1,2,3-Trichlorobenzene
Concen: 47.596 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048054.D
Acq: 07 Oct 2025 17:43

Tgt Ion:180 Resp: 108648
Ion Ratio Lower Upper
180 100
182 94.9 0.0 190.0
145 34.8 0.0 72.2

