

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047595.D
 Acq On : 16 Sep 2025 15:21
 Operator : JC/MD
 Sample : VX0916WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Quant Time: Sep 17 06:49:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	184711	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	338431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	315471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	158261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	163682	55.672	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.340%			
35) Dibromofluoromethane	5.367	113	118111	52.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.635	98	399956	50.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.061	95	160691	53.912	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	34459	18.016	ug/l	98
3) Chloromethane	1.301	50	45892	18.256	ug/l	97
4) Vinyl Chloride	1.380	62	45703	18.573	ug/l	97
5) Bromomethane	1.618	94	32075	20.556	ug/l	99
6) Chloroethane	1.697	64	31358	19.066	ug/l	98
7) Trichlorofluoromethane	1.898	101	68568	18.767	ug/l	98
8) Diethyl Ether	2.136	74	28689	19.195	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	41304	19.333	ug/l	97
10) Methyl Iodide	2.453	142	58598	17.587	ug/l	99
11) Tert butyl alcohol	2.941	59	33216	101.438	ug/l	99
12) 1,1-Dichloroethene	2.325	96	41202	18.775	ug/l	94
13) Acrolein	2.233	56	28494	94.428	ug/l	98
14) Allyl chloride	2.666	41	84854	18.738	ug/l	100
15) Acrylonitrile	3.056	53	126976	104.688	ug/l	99
16) Acetone	2.374	43	107000	83.700	ug/l	98
17) Carbon Disulfide	2.514	76	108513	18.062	ug/l	97
18) Methyl Acetate	2.697	43	64398	22.635	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	163916	20.461	ug/l	99
20) Methylene Chloride	2.788	84	51674	19.096	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	46396	19.637	ug/l	98
22) Diisopropyl ether	3.751	45	178221	20.307	ug/l	96
23) Vinyl Acetate	3.709	43	702940	100.074	ug/l	100
24) 1,1-Dichloroethane	3.605	63	92195	19.764	ug/l	99
25) 2-Butanone	4.538	43	161053	100.998	ug/l	100
26) 2,2-Dichloropropane	4.459	77	70359	18.145	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	57536	19.884	ug/l	99
28) Bromochloromethane	4.879	49	41545	20.400	ug/l	97
29) Tetrahydrofuran	4.989	42	99415	103.635	ug/l	100
30) Chloroform	5.074	83	95809	20.325	ug/l	99
31) Cyclohexane	5.452	56	76578	19.710	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	80619	20.163	ug/l	99
36) 1,1-Dichloropropene	5.678	75	60495	18.240	ug/l	98
37) Ethyl Acetate	4.690	43	69032	19.440	ug/l	99
38) Carbon Tetrachloride	5.660	117	68892	19.118	ug/l	98
39) Methylcyclohexane	7.361	83	69961	18.583	ug/l	99
40) Benzene	6.019	78	194635	19.322	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	37677	20.552	ug/l	98
42) 1,2-Dichloroethane	6.068	62	73955	19.296	ug/l	98
43) Isopropyl Acetate	6.324	43	115141	19.770	ug/l	99
44) Trichloroethene	7.111	130	46658	19.159	ug/l	93
45) 1,2-Dichloropropane	7.409	63	50194	19.460	ug/l	99
46) Dibromomethane	7.562	93	36296	19.337	ug/l	97
47) Bromodichloromethane	7.806	83	74541	19.245	ug/l	98
48) Methyl methacrylate	7.678	41	57732	19.901	ug/l	99
49) 1,4-Dioxane	7.647	88	12557	428.306	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	336358	104.165	ug/l	100
52) Toluene	8.702	92	119672	19.283	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	75494	19.108	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	82533	19.544	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	46853	19.579	ug/l	97
56) Ethyl methacrylate	9.098	69	75362	20.053	ug/l	100
57) 1,3-Dichloropropane	9.293	76	82898	20.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	138530	84.558	ug/l	100
59) 2-Hexanone	9.415	43	236351	101.913	ug/l	100
60) Dibromochloromethane	9.507	129	54864	19.897	ug/l	100
61) 1,2-Dibromoethane	9.592	107	49468	20.295	ug/l	99
64) Tetrachloroethene	9.257	164	37604	18.285	ug/l	99
65) Chlorobenzene	10.061	112	132692	18.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	46156	18.663	ug/l	99
67) Ethyl Benzene	10.177	91	230715	18.657	ug/l	100
68) m/p-Xylenes	10.287	106	172349	37.445	ug/l	99
69) o-Xylene	10.622	106	83294	18.710	ug/l	100
70) Styrene	10.640	104	145298	18.627	ug/l	100
71) Bromoform	10.781	173	34496	18.680	ug/l #	99
73) Isopropylbenzene	10.945	105	215290	17.893	ug/l	100
74) N-amyl acetate	10.823	43	100764	18.365	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	66212	18.189	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	61433m	19.172	ug/l	
77) Bromobenzene	11.183	156	52810	17.821	ug/l	98
78) n-propylbenzene	11.287	91	253278	17.807	ug/l	100
79) 2-Chlorotoluene	11.348	91	157867	18.122	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	177677	17.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	20595	16.391	ug/l	98
82) 4-Chlorotoluene	11.439	91	184150	17.898	ug/l	100
83) tert-Butylbenzene	11.695	119	177366	17.527	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	180139	17.974	ug/l	100
85) sec-Butylbenzene	11.872	105	215249	17.908	ug/l	100
86) p-Isopropyltoluene	11.988	119	180973	17.784	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	98122	17.827	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	98890	17.505	ug/l	98
89) n-Butylbenzene	12.311	91	169374	17.988	ug/l	98
90) Hexachloroethane	12.518	117	30747	17.210	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	95137	18.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	13450	18.249	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	61093	17.926	ug/l	99
94) Hexachlorobutadiene	13.707	225	20350	17.579	ug/l	98
95) Naphthalene	13.756	128	184251	17.754	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	56297	17.758	ug/l	99

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ALS Vial : 13 Sample Multiplier: 1

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

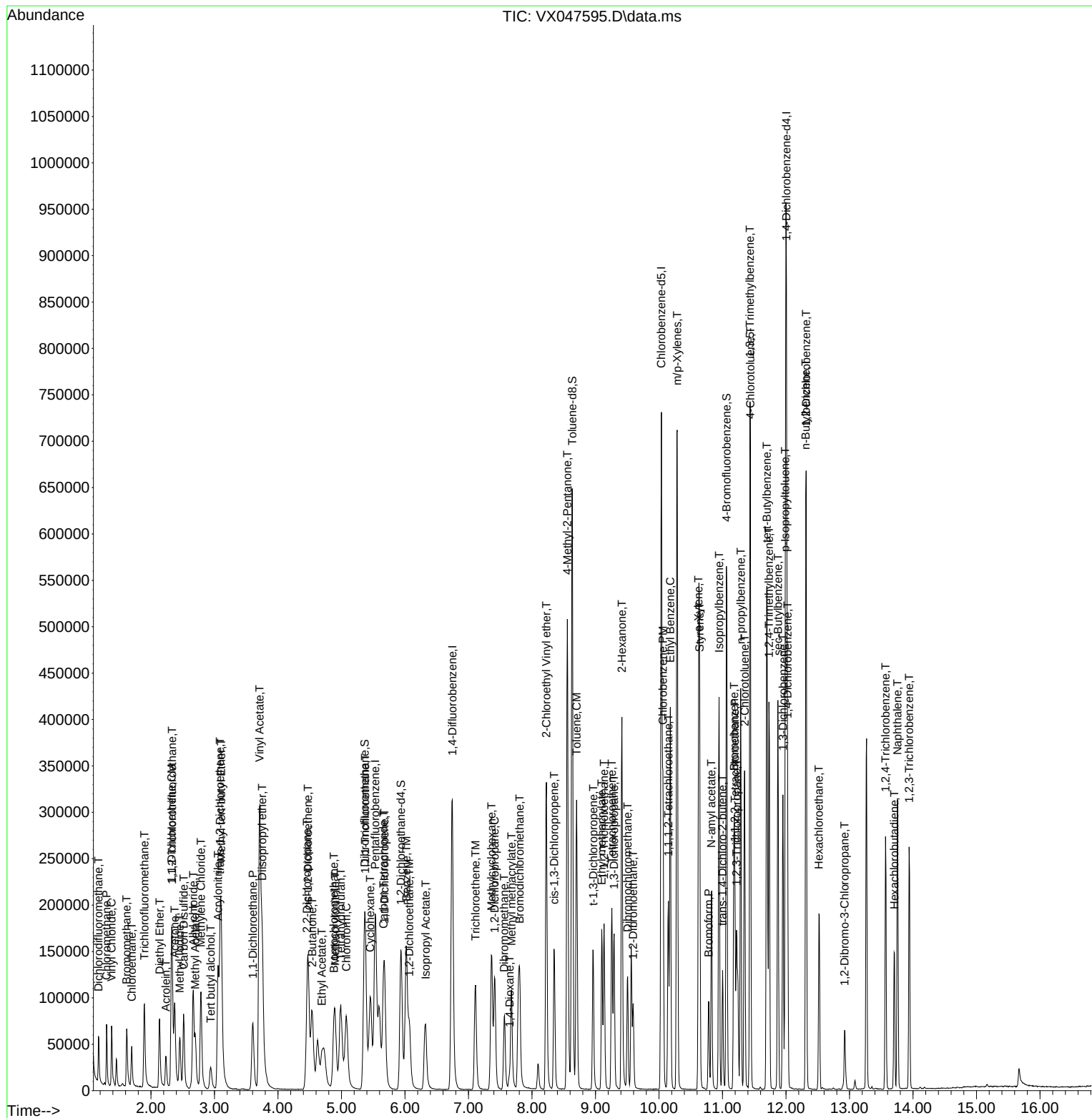
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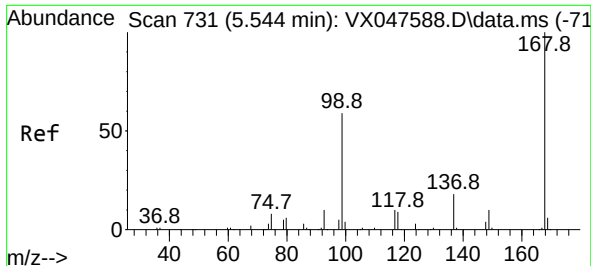
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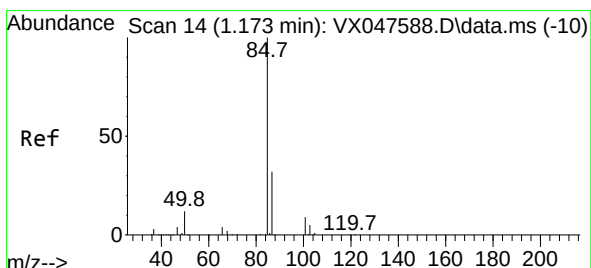
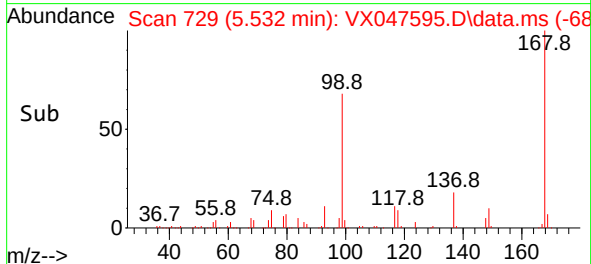
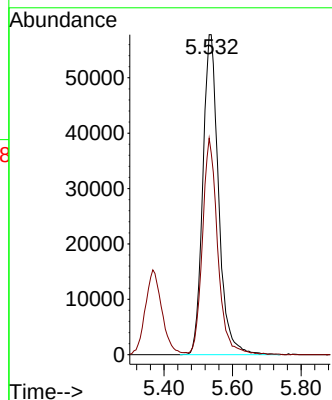
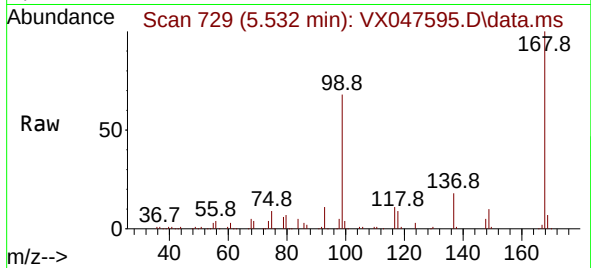
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion:168 Resp: 18471
Ion Ratio Lower Upper
168 100
99 67.5 48.8 73.2

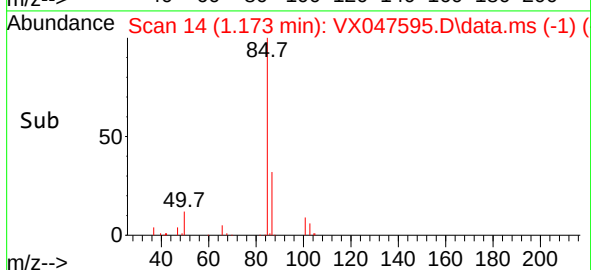
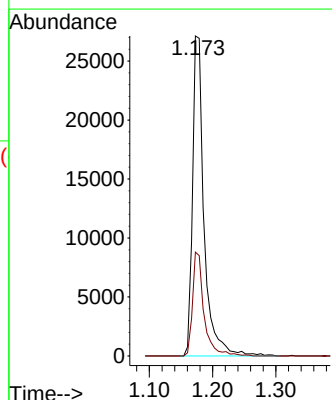
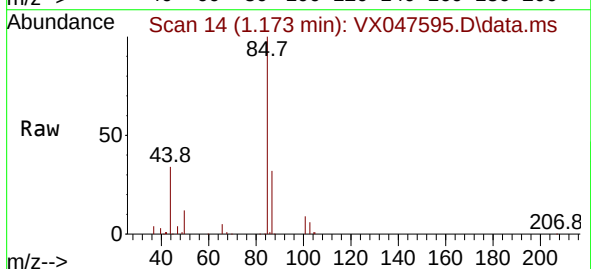
Manual Integrations
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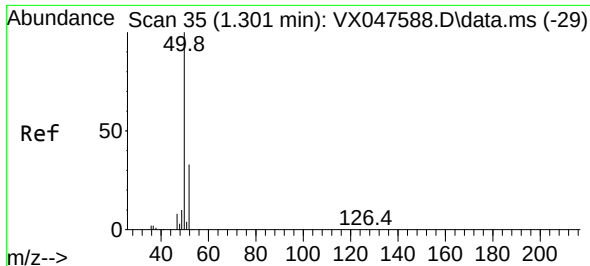
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 18.016 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

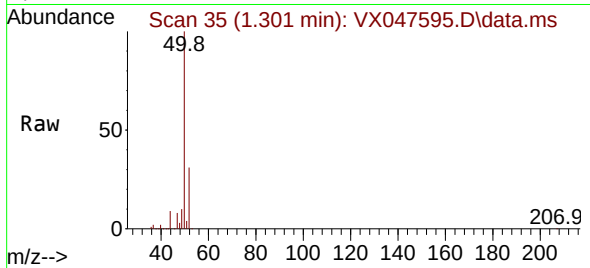
Tgt Ion: 85 Resp: 34459
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.3





#3
Chloromethane
Concen: 18.256 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

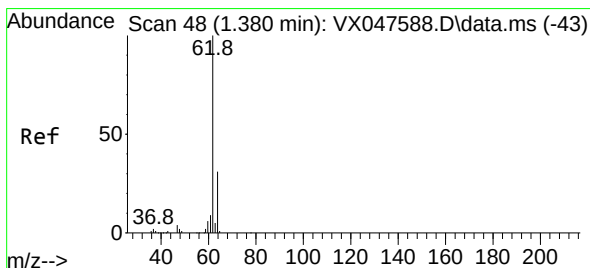
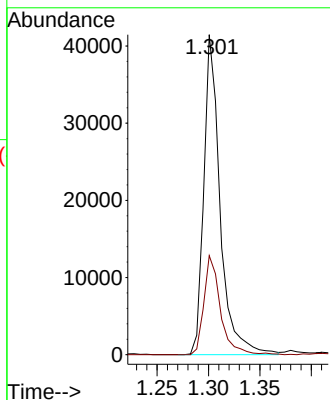
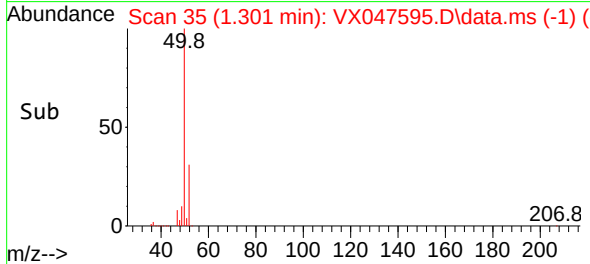
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



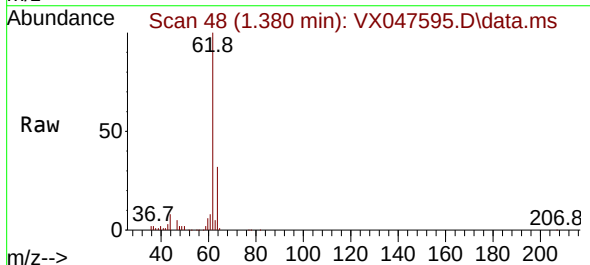
Tgt Ion: 50 Resp: 45892
Ion Ratio Lower Upper
50 100
52 31.0 26.1 39.1

Manual Integrations
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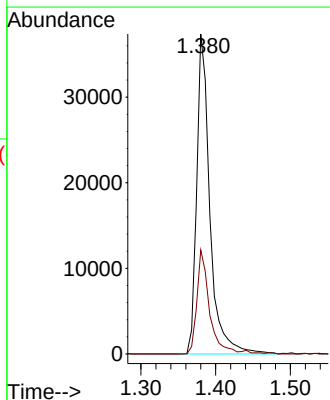
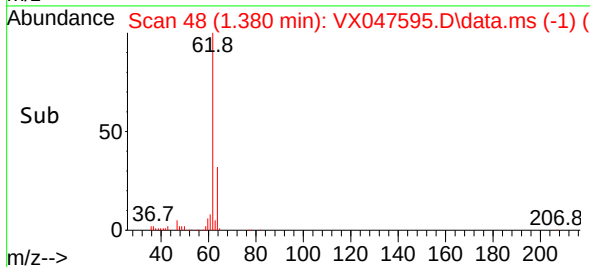
Reviewed By :John Carlone 09/17/2025
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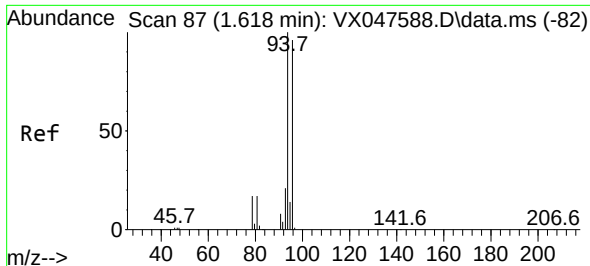


#4
Vinyl Chloride
Concen: 18.573 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



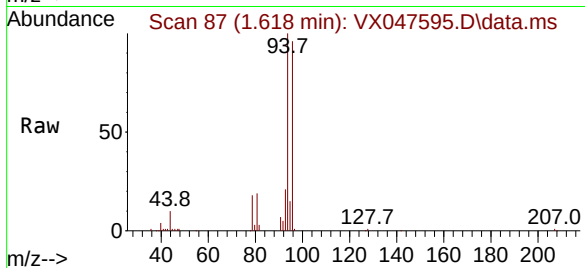
Tgt Ion: 62 Resp: 45703
Ion Ratio Lower Upper
62 100
64 32.5 24.9 37.3





#5
Bromomethane
Concen: 20.556 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX047595.D
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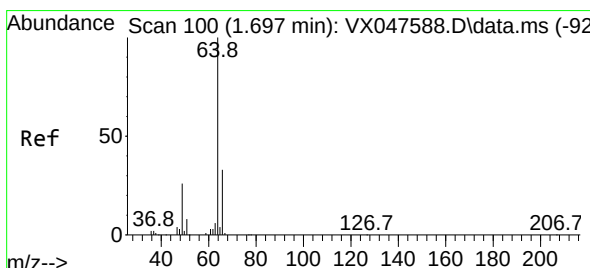
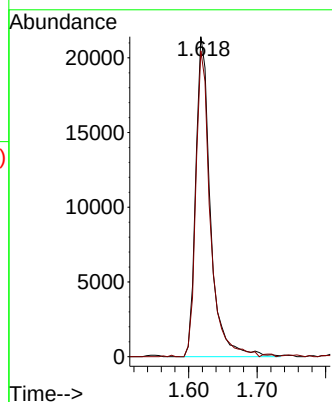
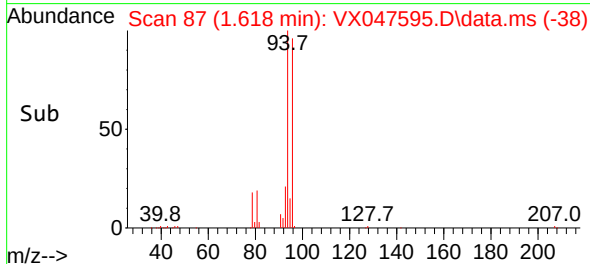
Instrument :
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Tgt Ion: 94 Resp: 3207
Ion Ratio Lower Upper
94 100
96 96.7 76.6 115.0

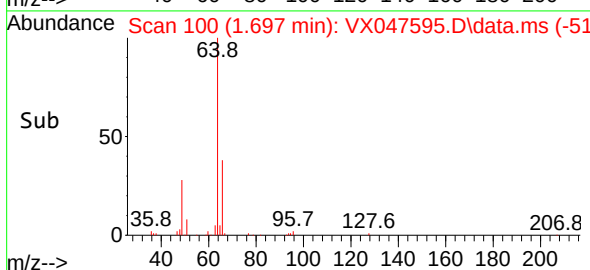
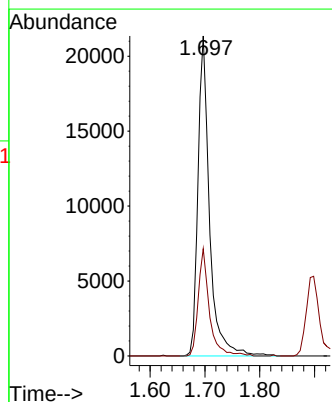
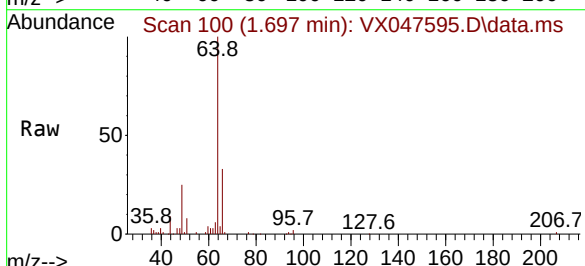
Manual Integrations
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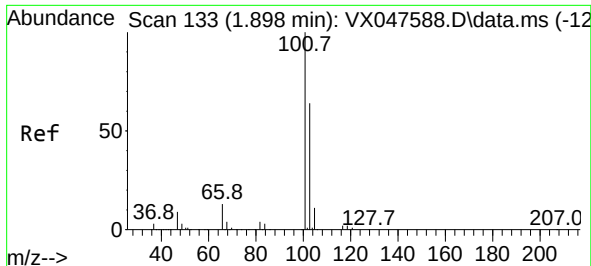
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#6
Chloroethane
Concen: 19.066 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

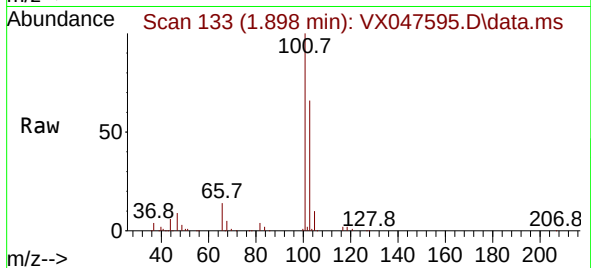
Tgt Ion: 64 Resp: 31358
Ion Ratio Lower Upper
64 100
66 33.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 18.767 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047595.D
 Acq: 16 Sep 2025 15:21

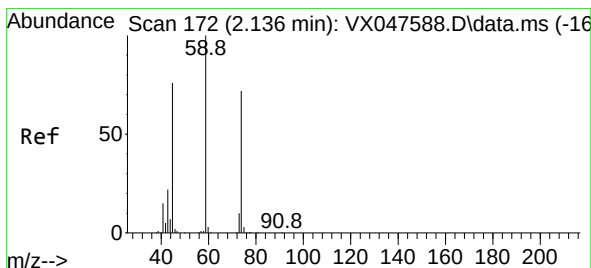
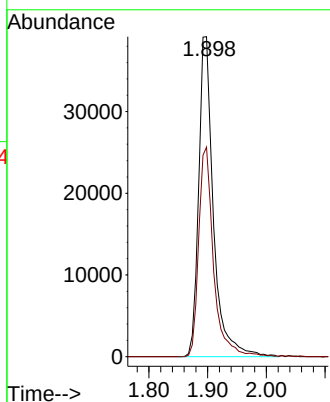
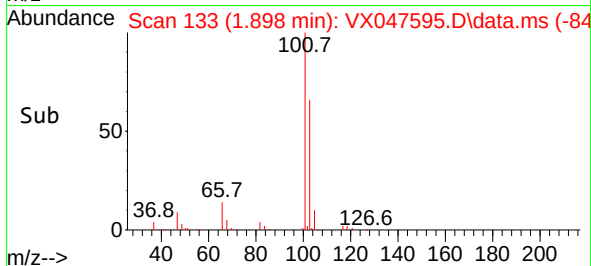
Instrument :
 MSVOA_X
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 VX0916WBS01



Tgt Ion:101 Resp: 6856
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.2

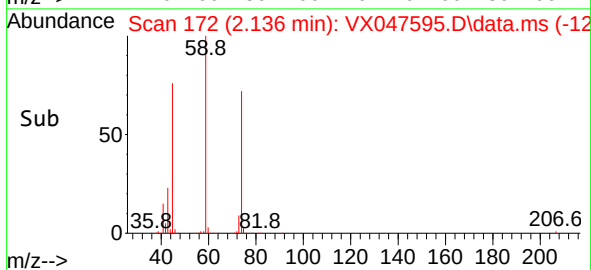
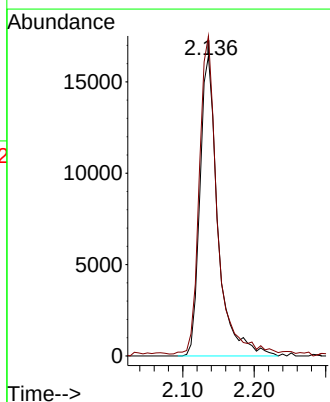
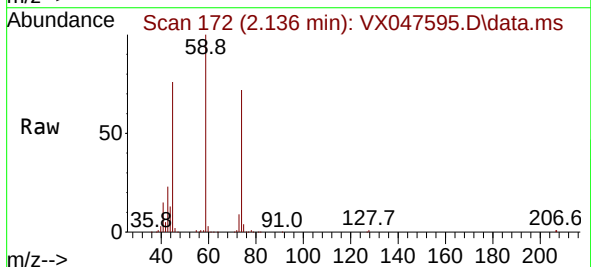
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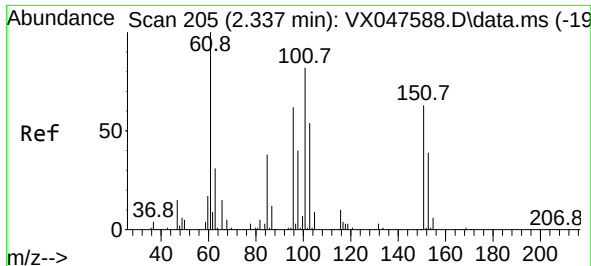
Reviewed By :John Carlone 09/17/2025
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#8
 Diethyl Ether
 Concen: 19.195 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 28689
 Ion Ratio Lower Upper
 74 100
 45 105.7 52.3 156.8





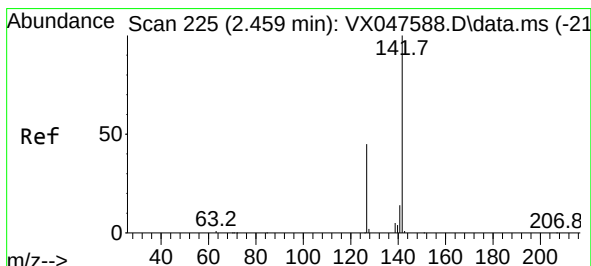
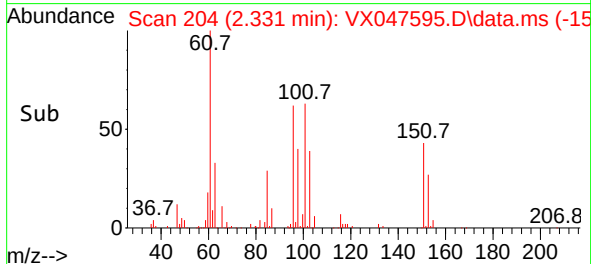
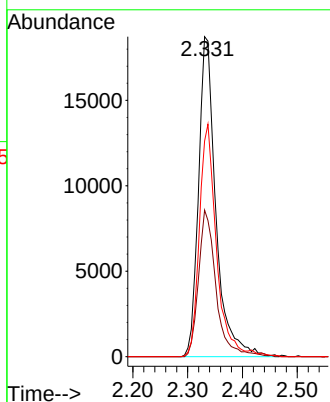
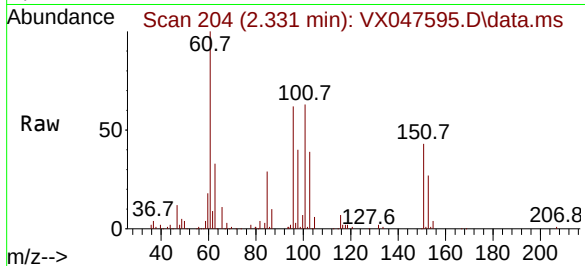
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.333 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion:101 Resp: 41304
Ion Ratio Lower Upper
101 100
85 46.1 35.5 53.3
151 72.0 59.4 89.0

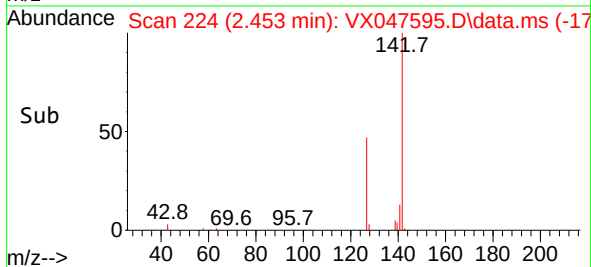
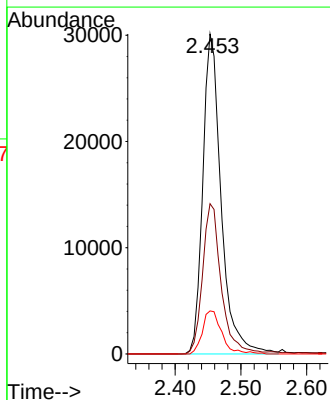
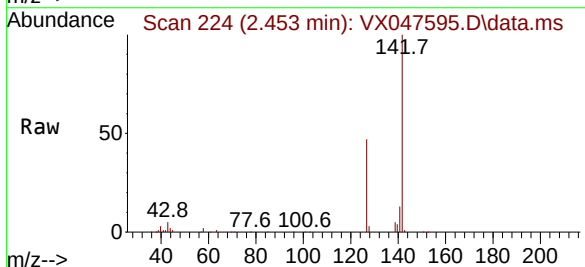
Manual Integrations
APPROVED

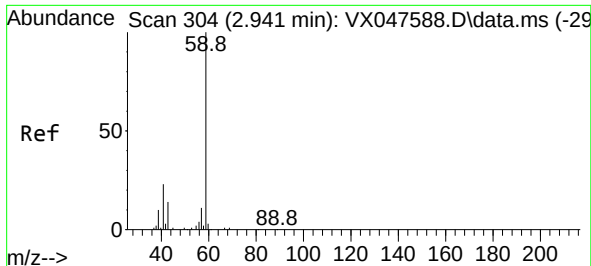
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#10
Methyl Iodide
Concen: 17.587 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

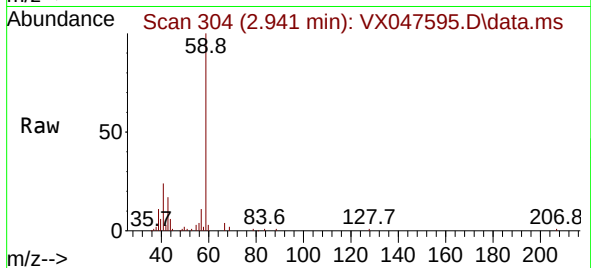
Tgt Ion:142 Resp: 58598
Ion Ratio Lower Upper
142 100
127 47.5 37.2 55.8
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 101.438 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

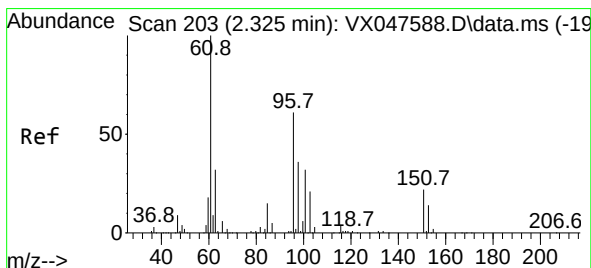
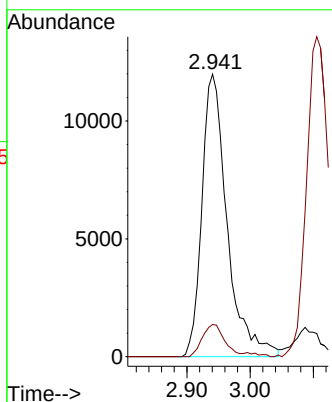
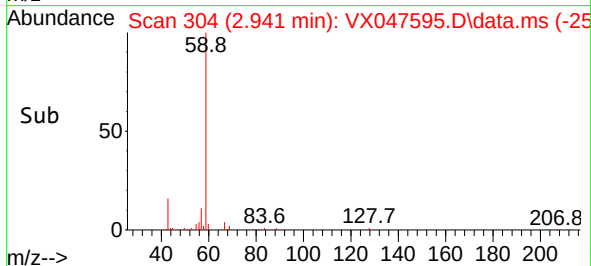
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



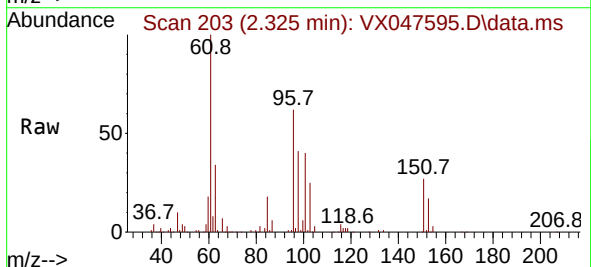
Tgt Ion: 59 Resp: 33210
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

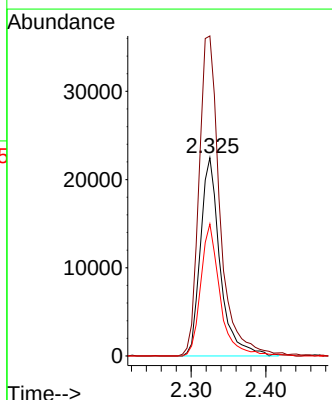
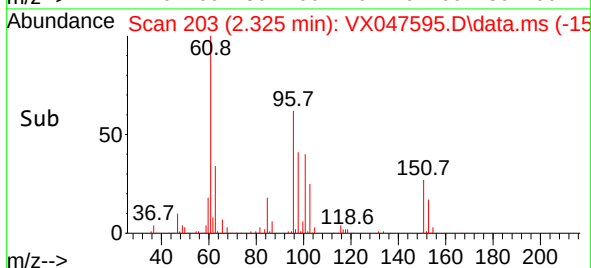
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

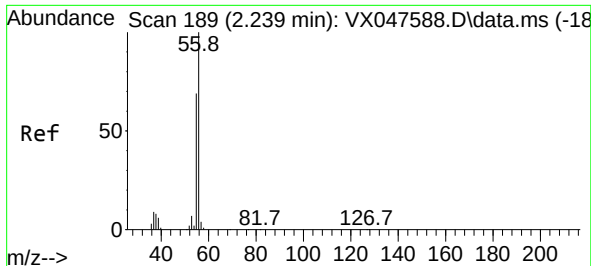


#12
1,1-Dichloroethene
Concen: 18.775 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



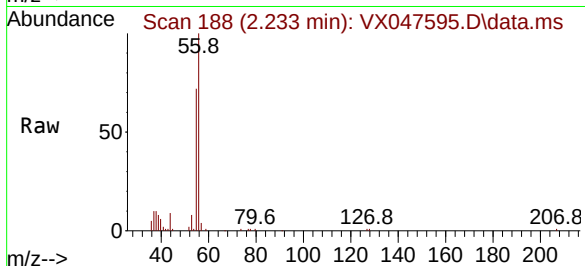
Tgt Ion: 96 Resp: 41202
Ion Ratio Lower Upper
96 100
61 155.3 131.0 196.6
98 64.1 47.7 71.5





#13
Acrolein
Concen: 94.428 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

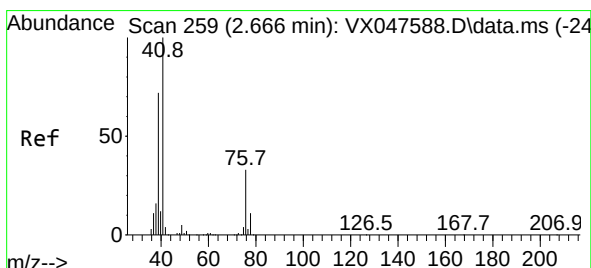
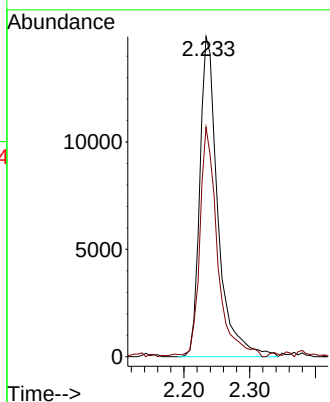
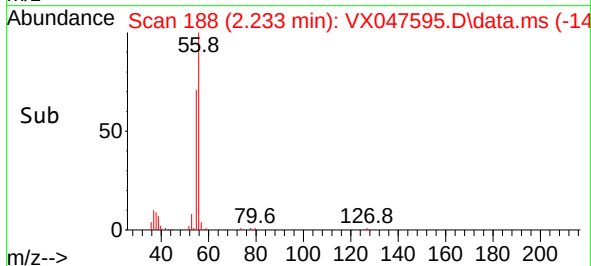
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



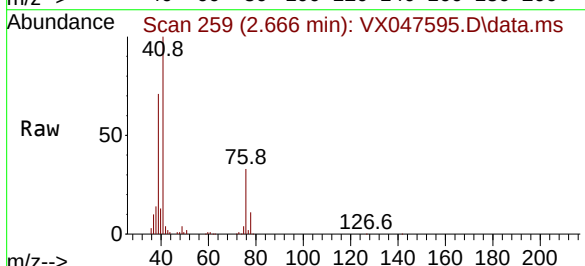
Tgt Ion: 56 Resp: 28494
Ion Ratio Lower Upper
56 100
55 70.1 57.2 85.8

Manual Integrations
APPROVED

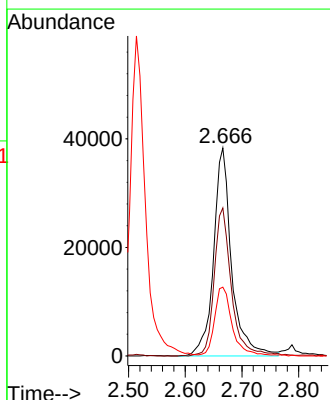
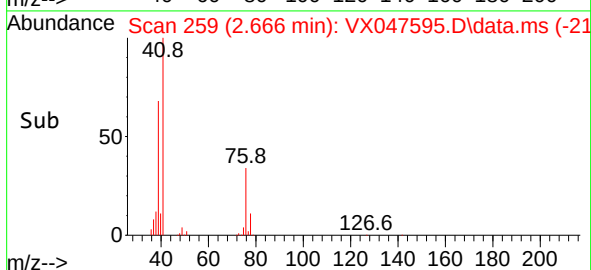
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

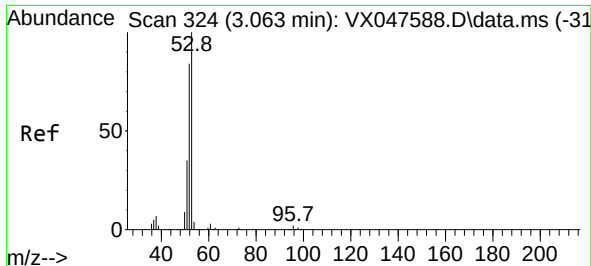


#14
Allyl chloride
Concen: 18.738 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



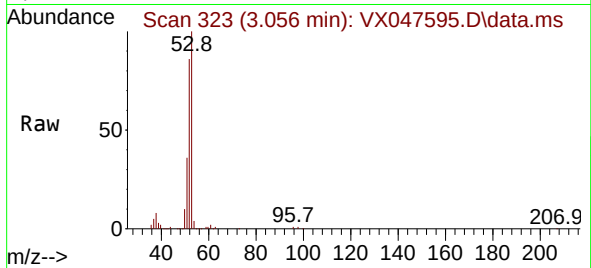
Tgt Ion: 41 Resp: 84854
Ion Ratio Lower Upper
41 100
39 68.2 54.7 82.1
76 32.5 25.7 38.5





#15
Acrylonitrile
Concen: 104.688 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

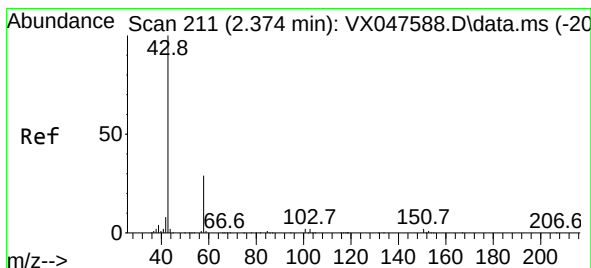
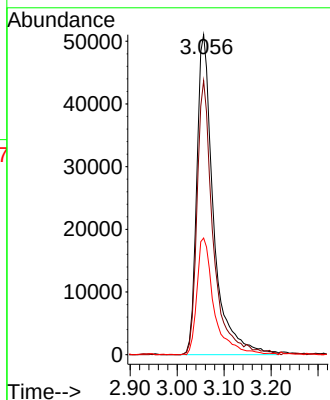
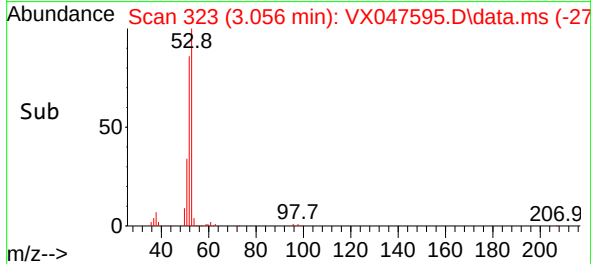
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 53 Resp: 126970
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 37.4 29.5 44.3

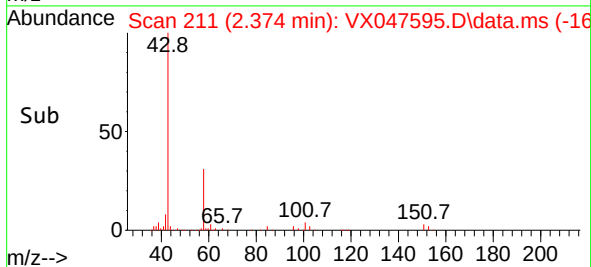
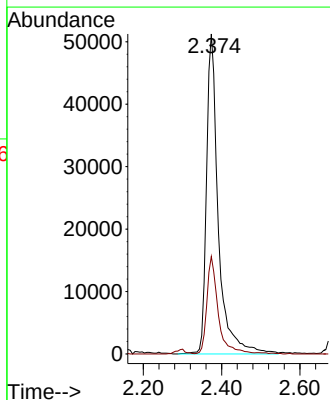
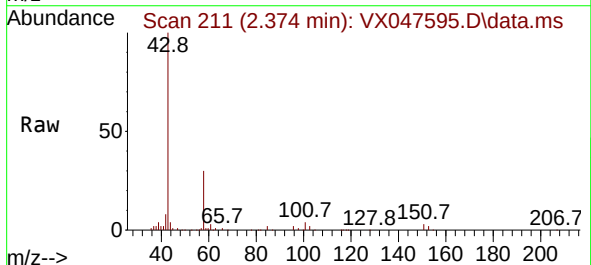
Manual Integrations
APPROVED

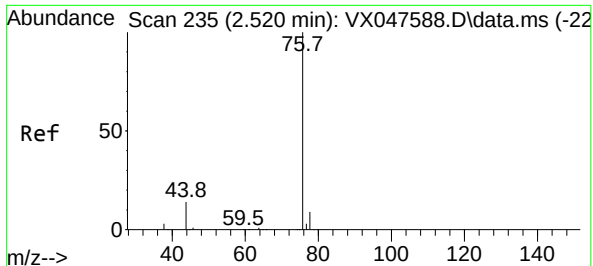
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#16
Acetone
Concen: 83.700 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion: 43 Resp: 107000
Ion Ratio Lower Upper
43 100
58 30.4 23.4 35.0





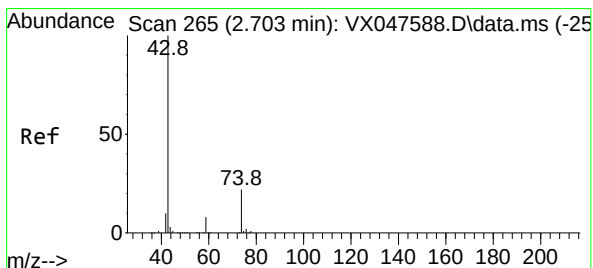
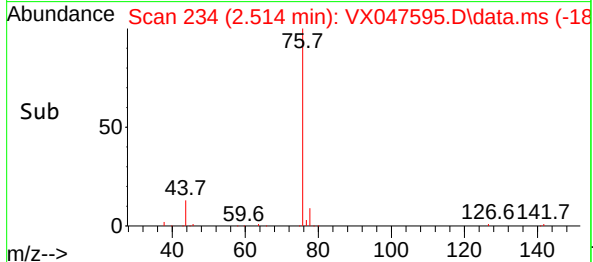
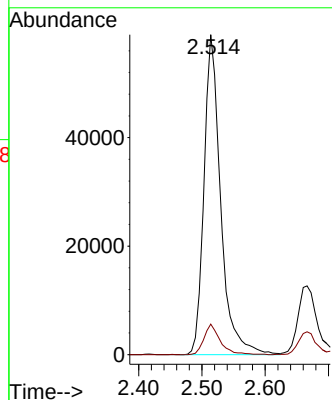
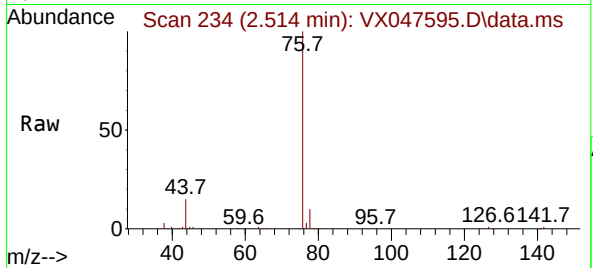
#17
Carbon Disulfide
Concen: 18.062 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 76 Resp: 10851
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

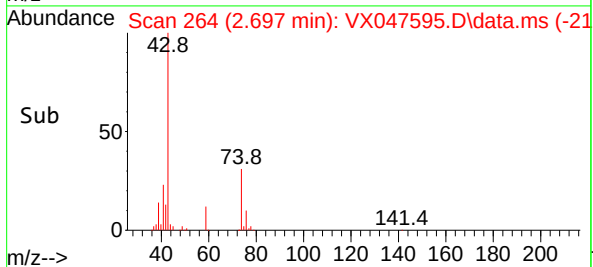
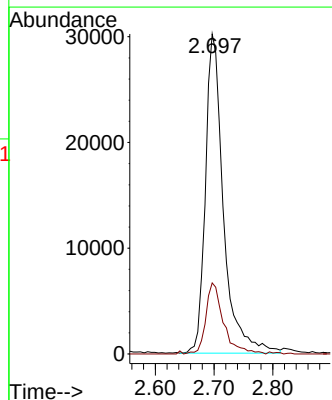
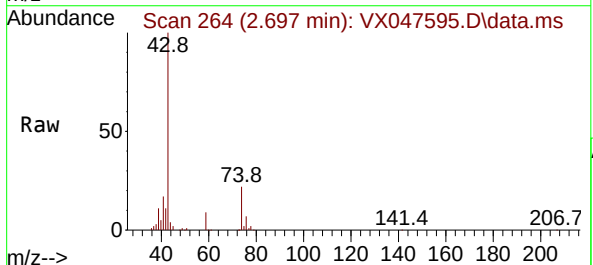
Manual Integrations
APPROVED

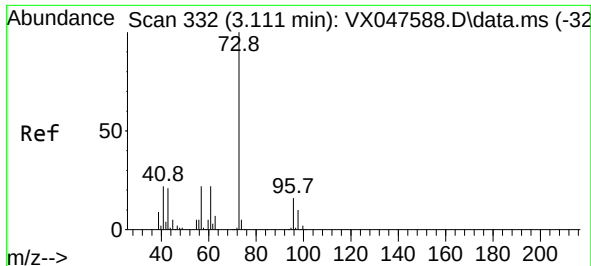
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#18
Methyl Acetate
Concen: 22.635 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

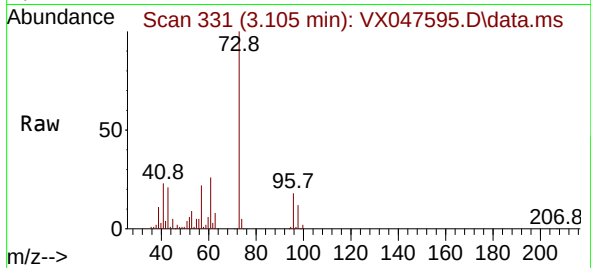
Tgt Ion: 43 Resp: 64398
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 20.461 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

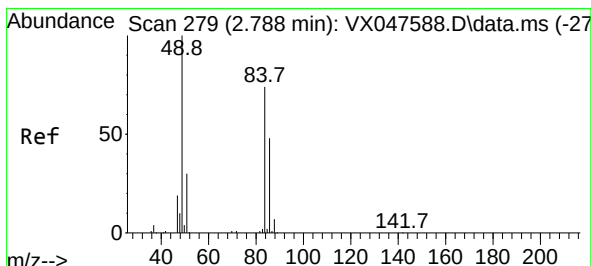
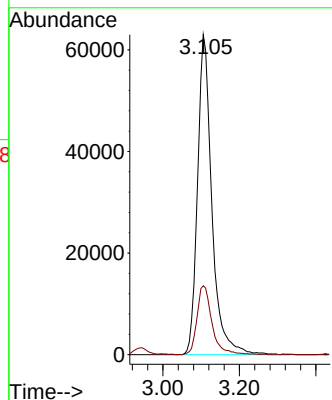
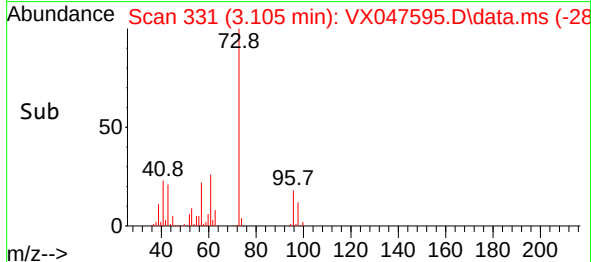
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 73 Resp: 163910
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2

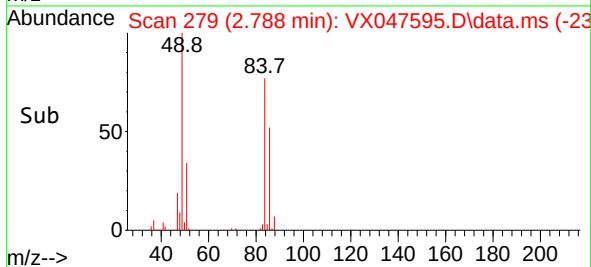
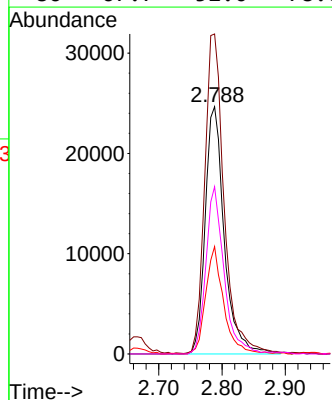
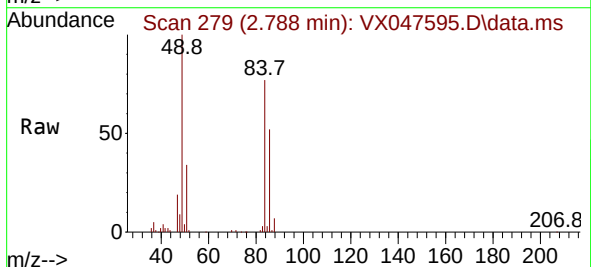
Manual Integrations
APPROVED

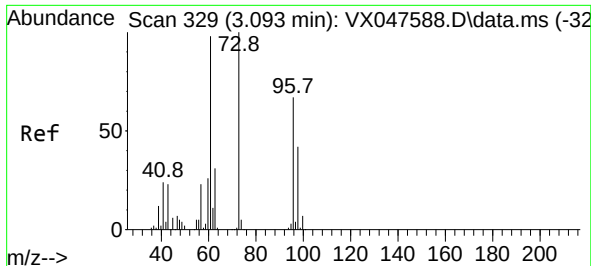
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Methylene Chloride
Concen: 19.096 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

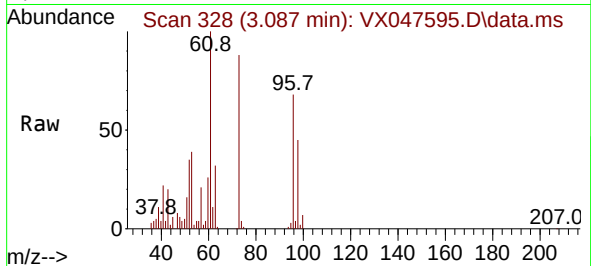
Tgt Ion: 84 Resp: 51674
Ion Ratio Lower Upper
84 100
49 129.2 108.6 162.8
51 43.4 32.6 48.8
86 67.7 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 19.637 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

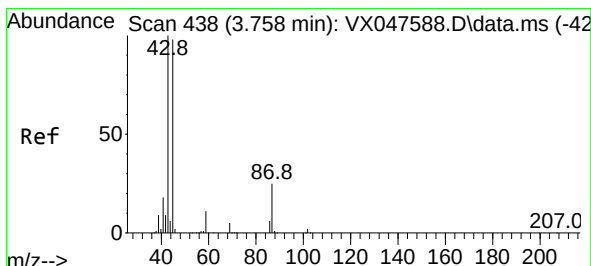
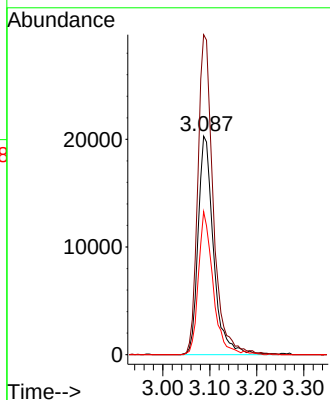
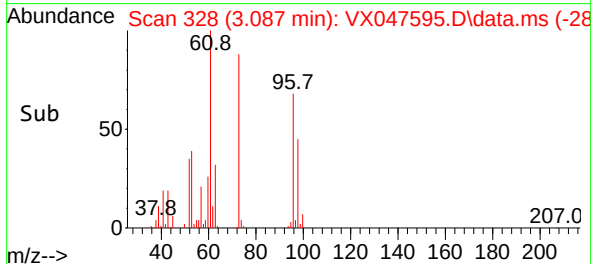
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 96 Resp: 46390
Ion Ratio Lower Upper
96 100
61 146.4 116.2 174.2
98 65.4 49.3 73.9

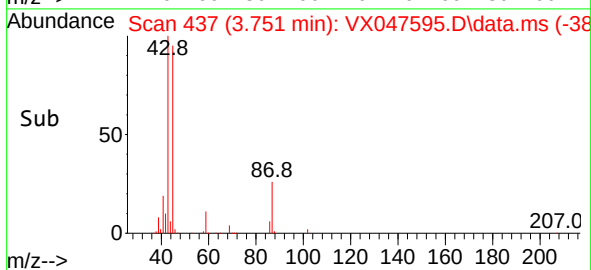
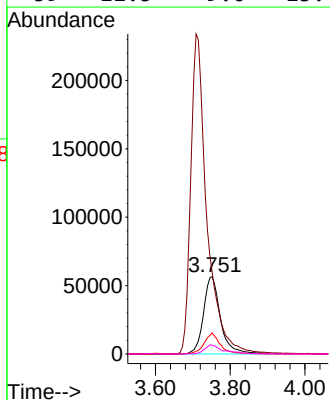
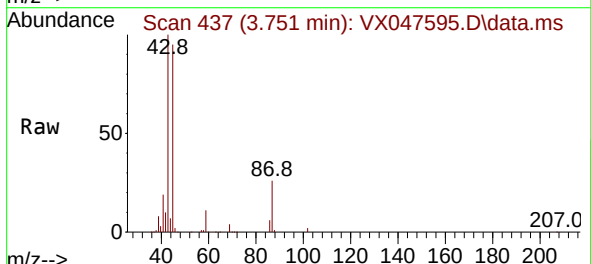
Manual Integrations
APPROVED

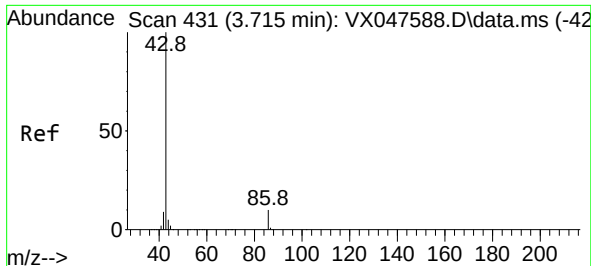
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#22
Diisopropyl ether
Concen: 20.307 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

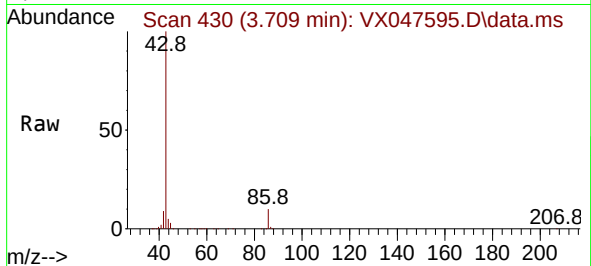
Tgt Ion: 45 Resp: 178221
Ion Ratio Lower Upper
45 100
43 105.2 81.0 121.4
87 27.2 20.3 30.5
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 100.074 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047595.D
 Acq: 16 Sep 2025 15:21

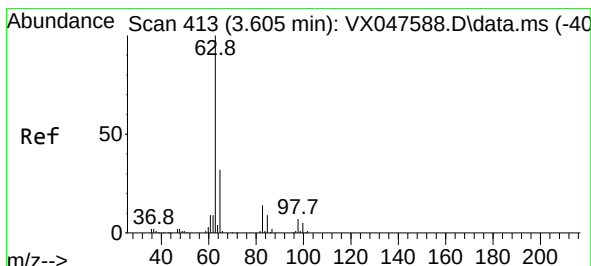
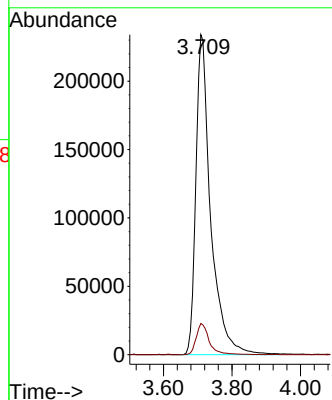
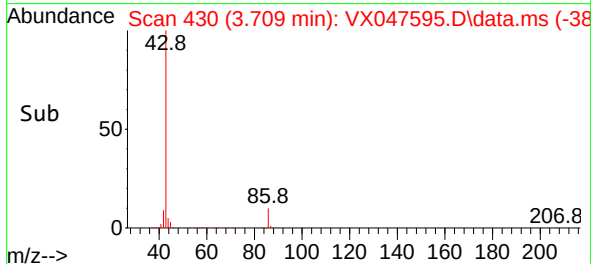
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01



Tgt Ion: 43 Resp: 702940
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

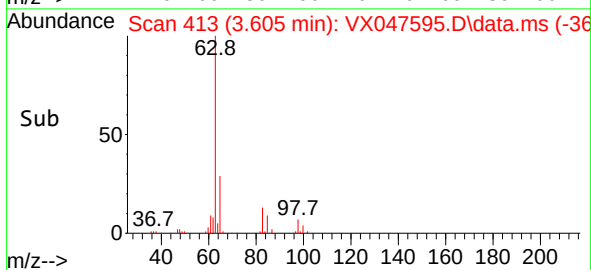
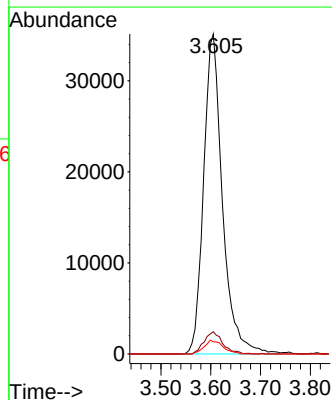
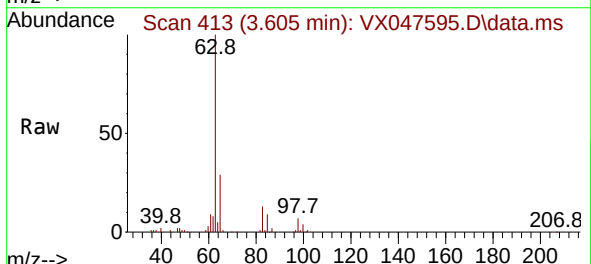
Manual Integrations
 APPROVED

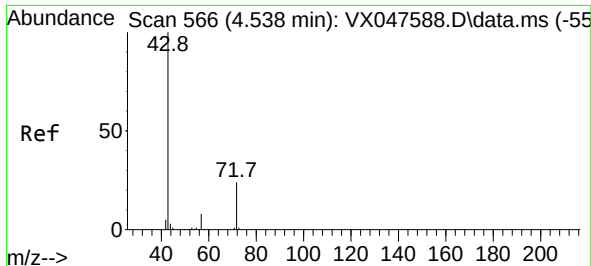
Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#24
 1,1-Dichloroethane
 Concen: 19.764 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX047595.D
 Acq: 16 Sep 2025 15:21

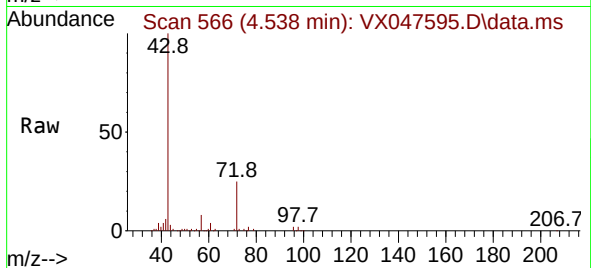
Tgt Ion: 63 Resp: 92195
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 3.8 2.3 6.9





#25
2-Butanone
Concen: 100.998 ug/l
RT: 4.538 min Scan# 501
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

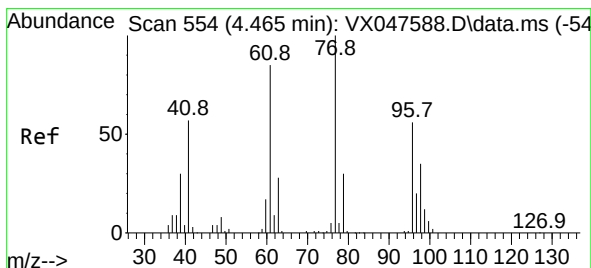
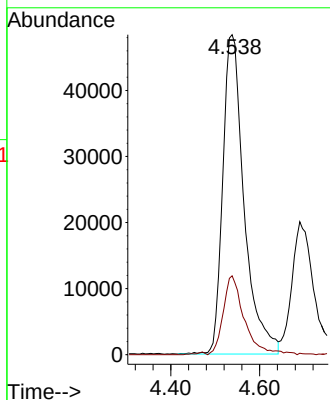
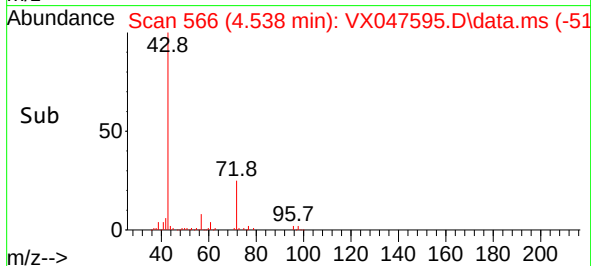
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 43 Resp: 16105
Ion Ratio Lower Upper
43 100
72 24.9 20.1 30.1

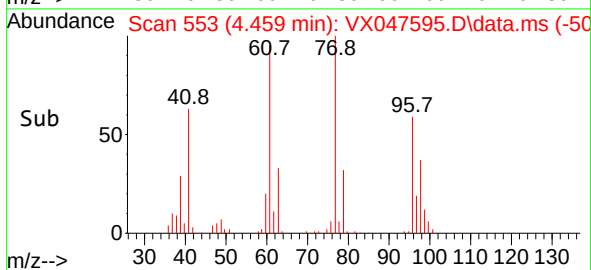
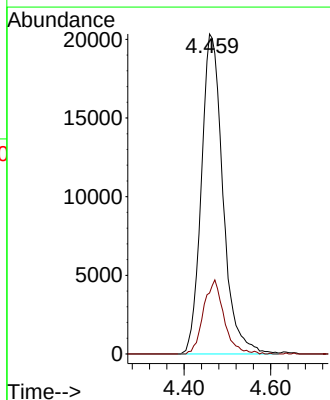
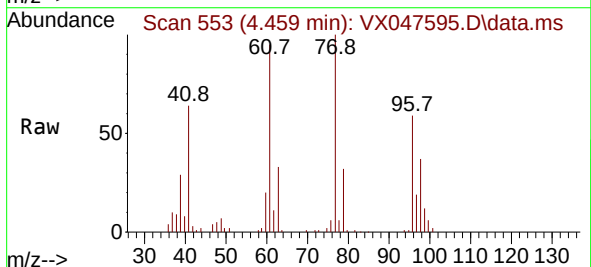
Manual Integrations
APPROVED

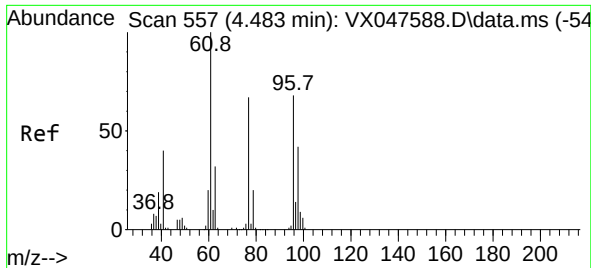
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#26
2,2-Dichloropropane
Concen: 18.145 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion: 77 Resp: 70359
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 19.884 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

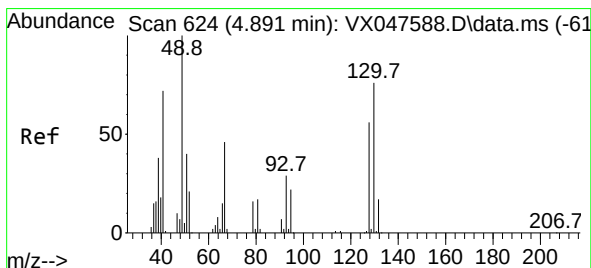
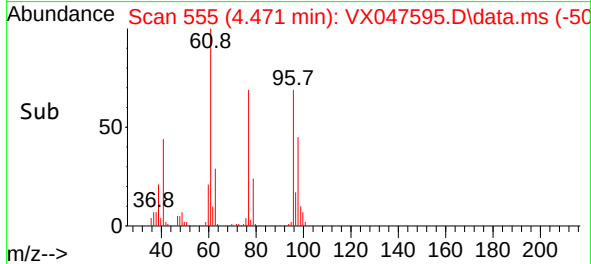
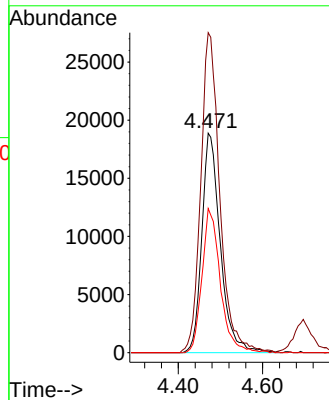
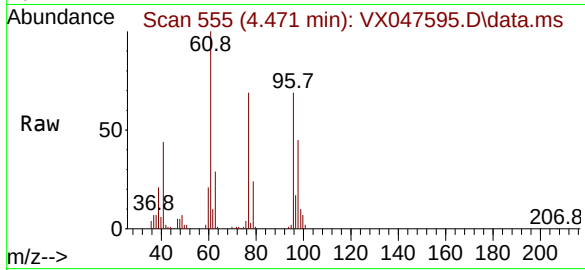
Tgt Ion:	96	Resp:	57530
Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	303.2
98	64.9	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#28

Bromochloromethane

Concen: 20.400 ug/l

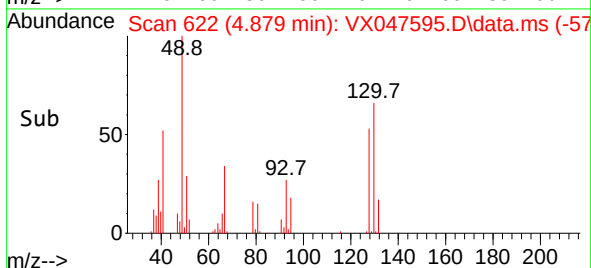
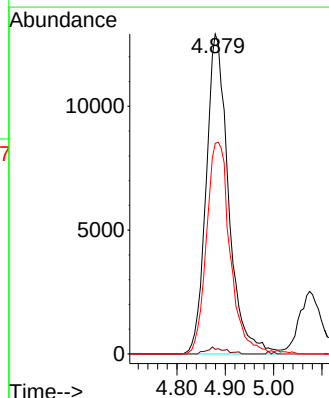
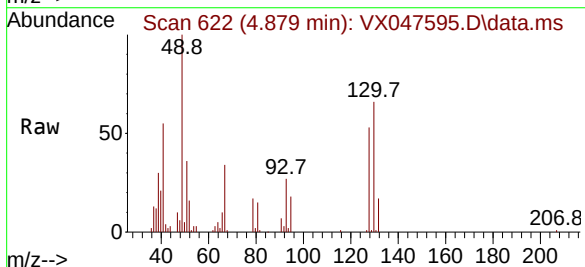
RT: 4.879 min Scan# 622

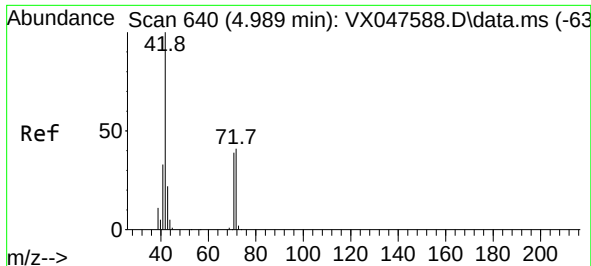
Delta R.T. -0.012 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Tgt Ion:	49	Resp:	41545
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	69.6	57.8	86.8





#29

Tetrahydrofuran

Concen: 103.635 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX047595.D

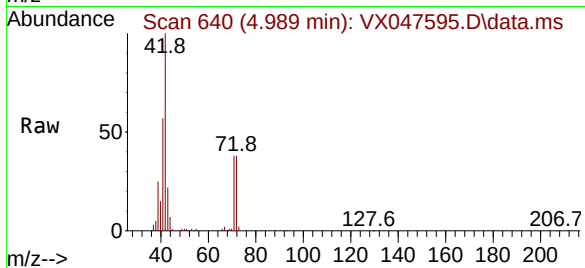
Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01



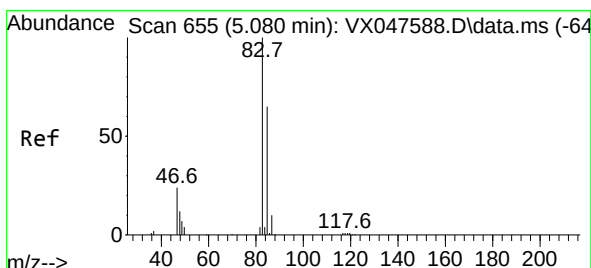
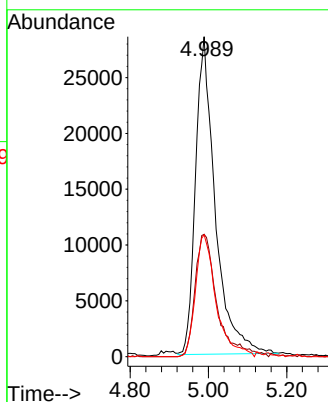
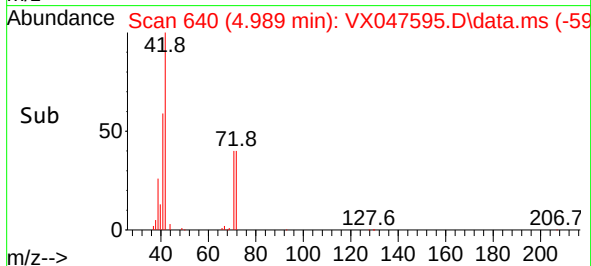
Tgt Ion:	42	Resp:	9941
Ion Ratio	Lower	Upper	
42	100		
72	43.1	34.2	51.2
71	40.1	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#30

Chloroform

Concen: 20.325 ug/l

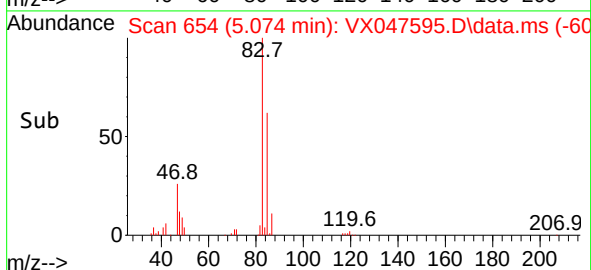
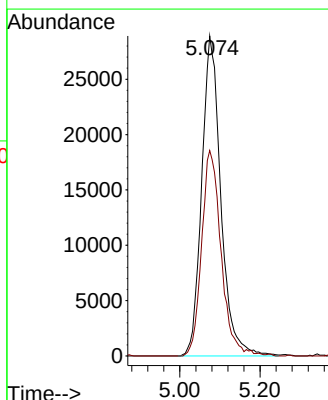
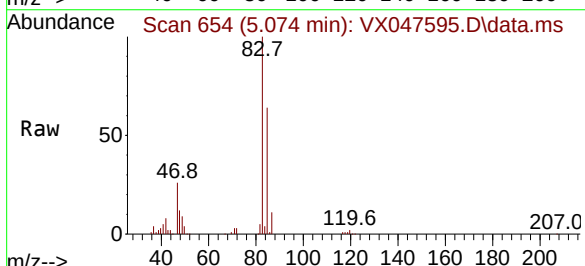
RT: 5.074 min Scan# 654

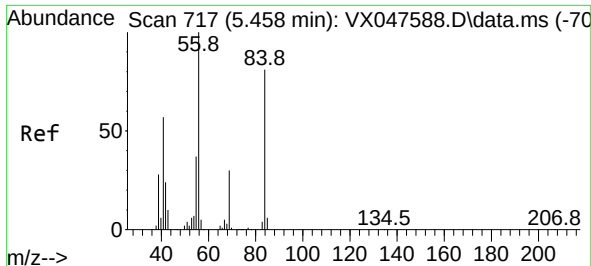
Delta R.T. -0.006 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

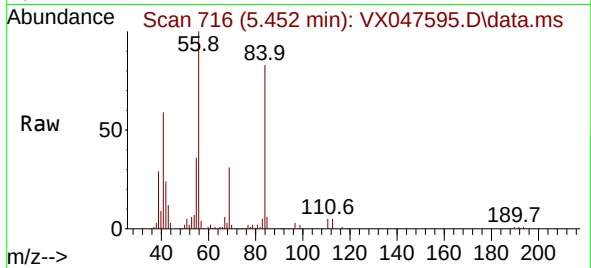
Tgt Ion:	83	Resp:	95809
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.8	77.6





#31
Cyclohexane
Concen: 19.710 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

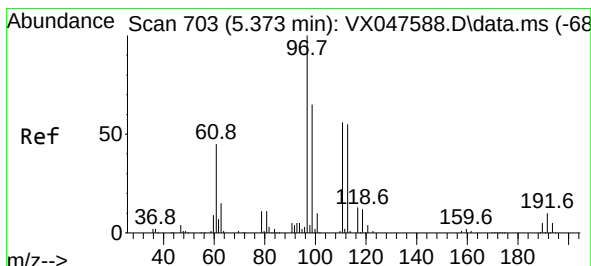
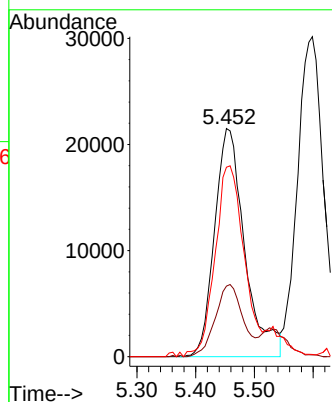
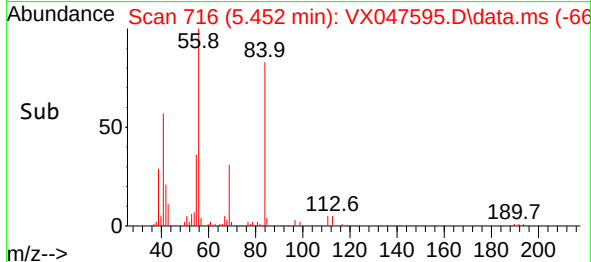
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 56 Resp: 76578
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.8
84 81.0 64.6 97.0

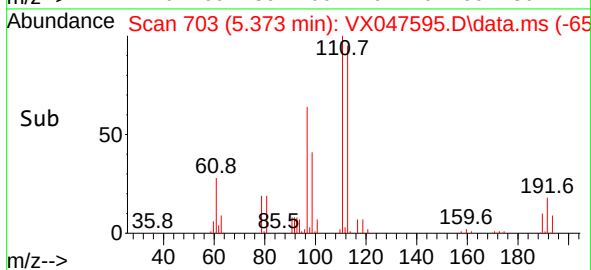
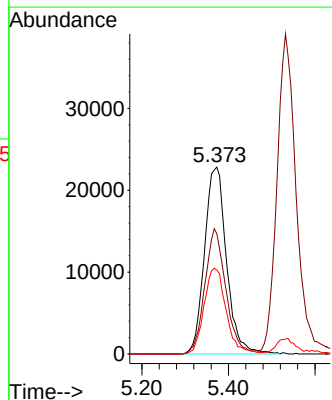
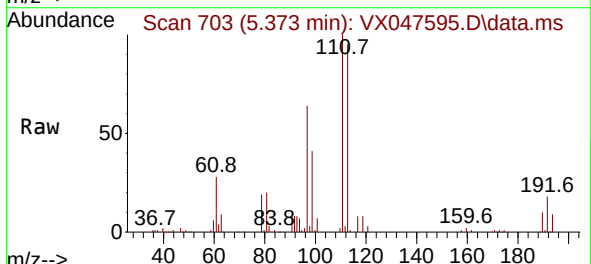
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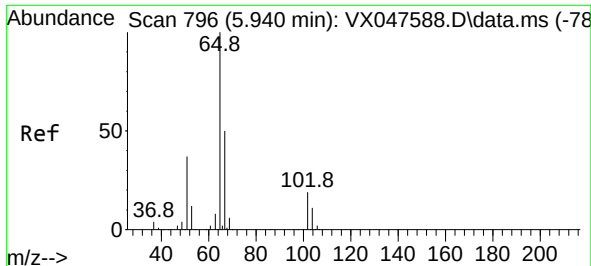
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#32
1,1,1-Trichloroethane
Concen: 20.163 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

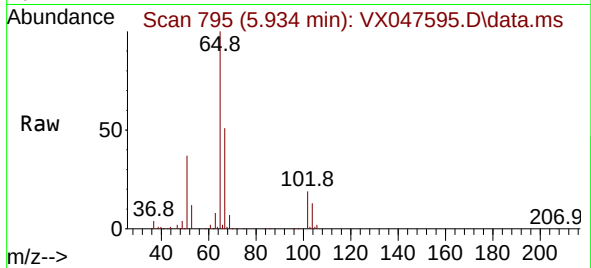
Tgt Ion: 97 Resp: 80619
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 45.7 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 55.672 ug/l
RT: 5.934 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

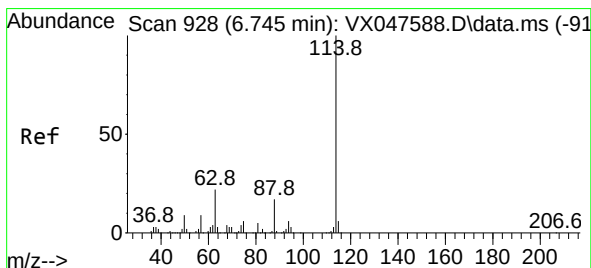
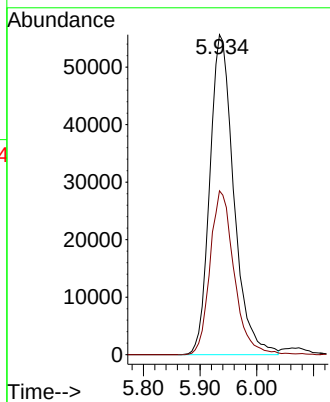
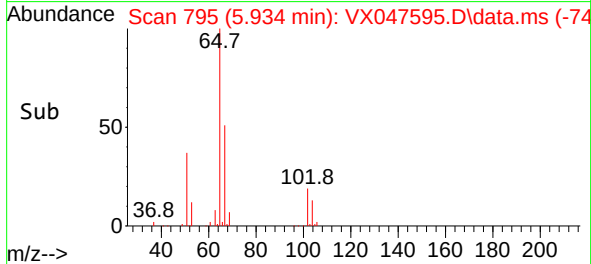
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



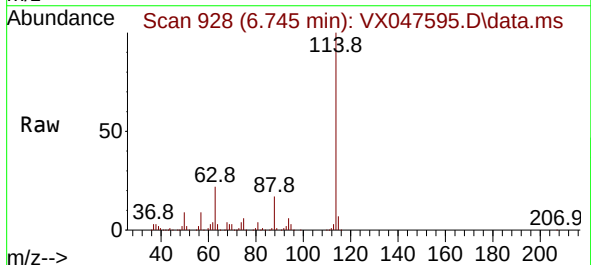
Tgt Ion: 65 Resp: 16368
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

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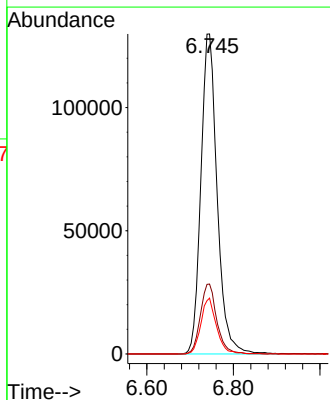
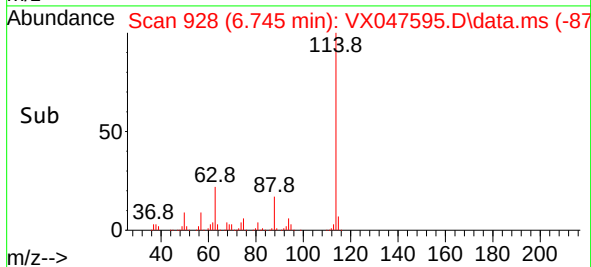
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

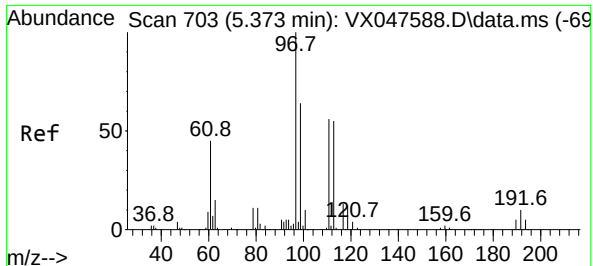


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



Tgt Ion:114 Resp: 338431
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 17.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 52.038 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

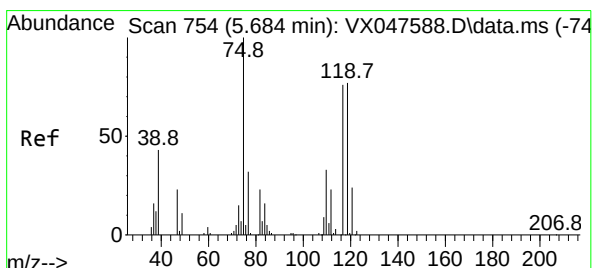
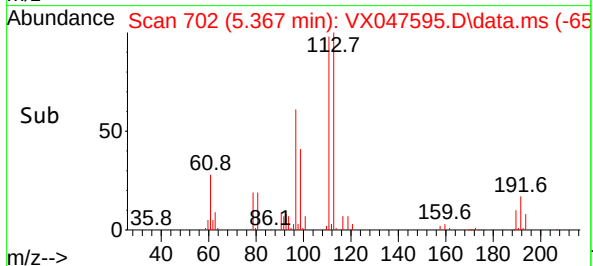
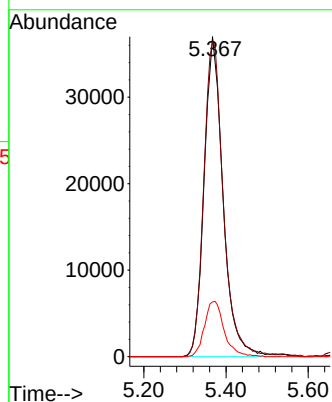
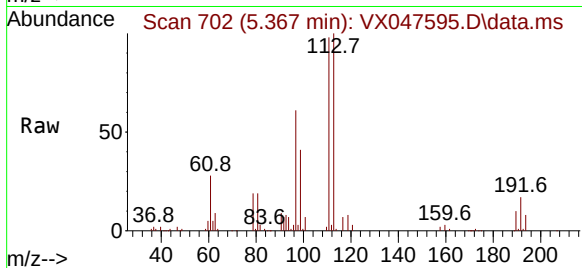
Tgt Ion:	113	Resp:	11811
Ion Ratio	Lower	Upper	
113	100		
111	102.0	80.9	121.3
192	18.1	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#36

1,1-Dichloropropene

Concen: 18.240 ug/l

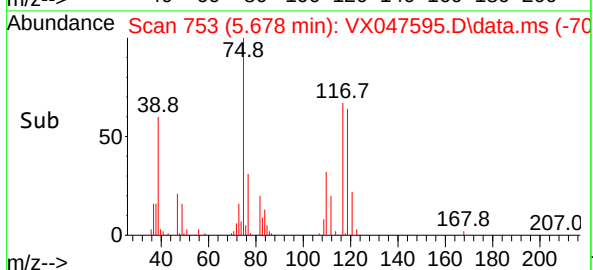
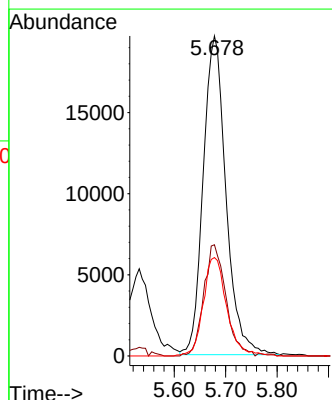
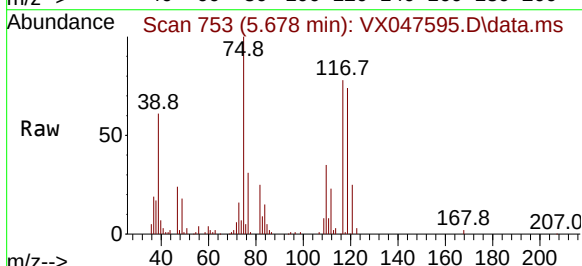
RT: 5.678 min Scan# 753

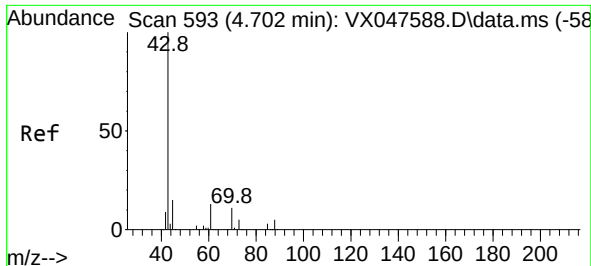
Delta R.T. -0.006 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Tgt Ion:	75	Resp:	60495
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.7	50.1
77	31.8	24.3	36.5





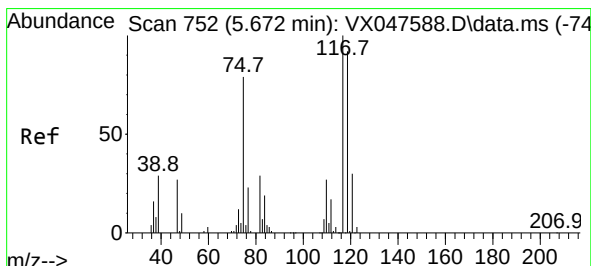
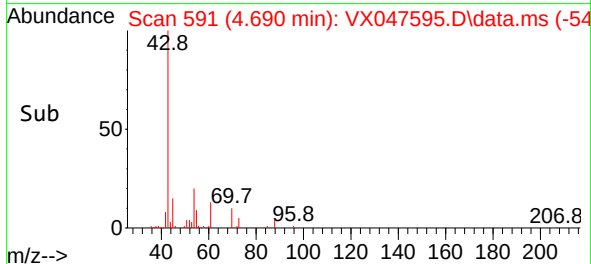
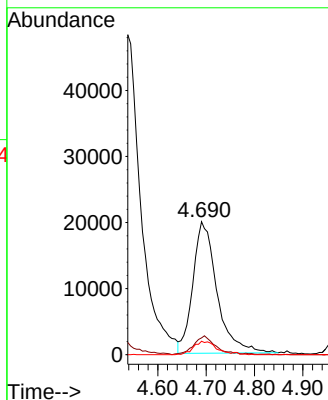
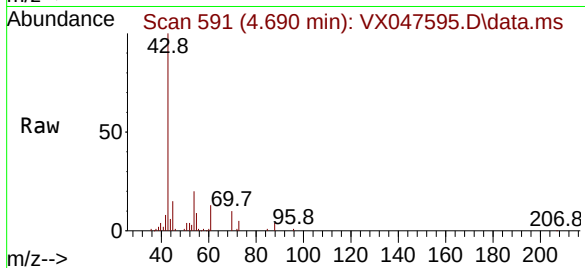
#37
Ethyl Acetate
Concen: 19.440 ug/l
RT: 4.690 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 43 Resp: 6903
Ion Ratio Lower Upper
43 100
61 12.9 9.8 14.8
70 9.3 7.9 11.9

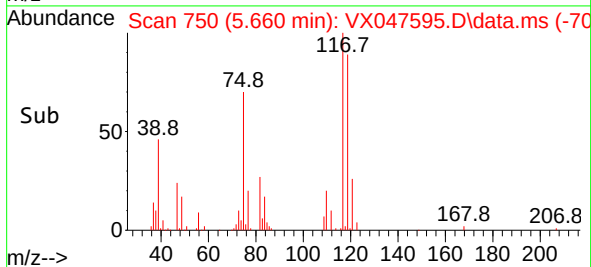
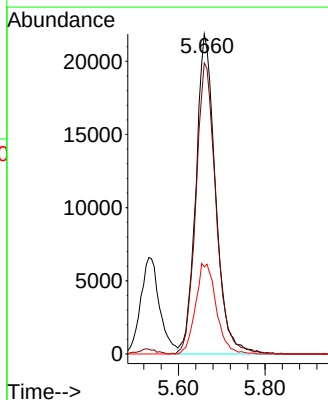
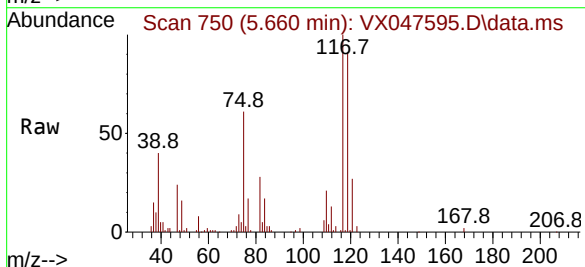
Manual Integrations
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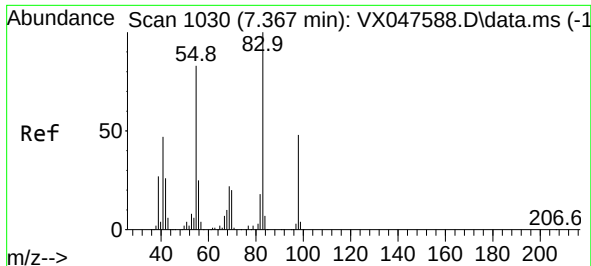
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#38
Carbon Tetrachloride
Concen: 19.118 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion:117 Resp: 68892
Ion Ratio Lower Upper
117 100
119 90.9 73.4 110.2
121 27.2 23.8 35.6





#39

Methylcyclohexane

Concen: 18.583 ug/l

RT: 7.361 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

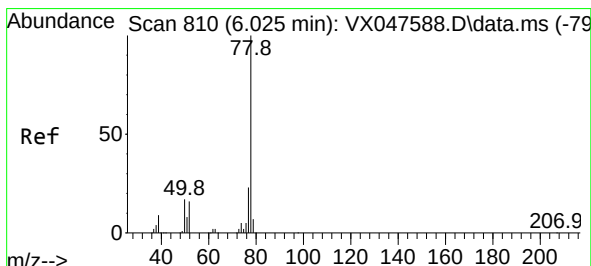
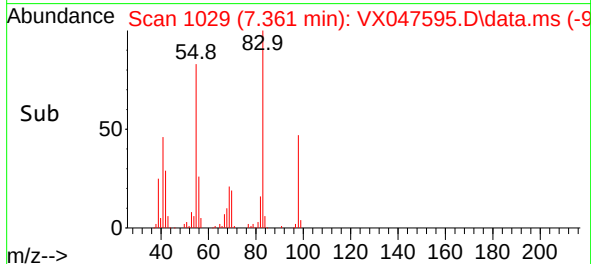
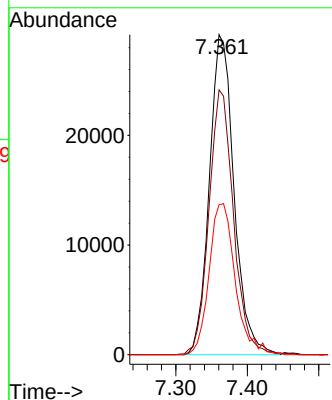
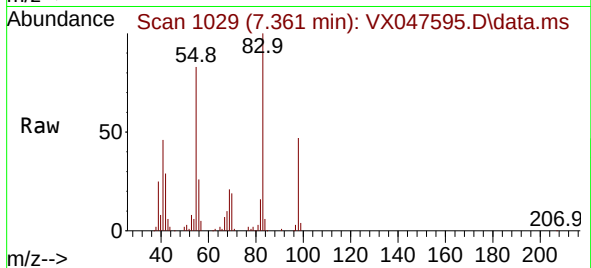
Tgt Ion:	83	Resp:	6996
Ion Ratio	Lower	Upper	
83	100		
55	82.5	66.4	99.6
98	46.8	38.1	57.1

Manual Integrations

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Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#40

Benzene

Concen: 19.322 ug/l

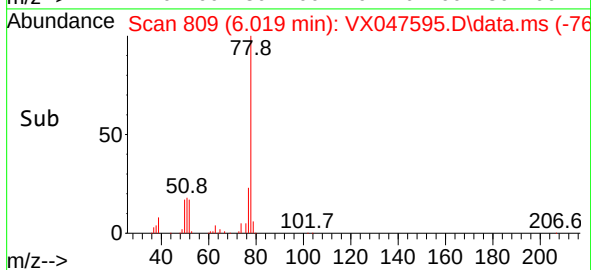
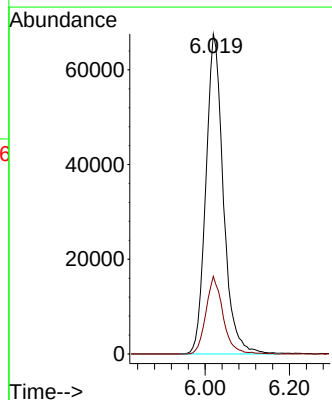
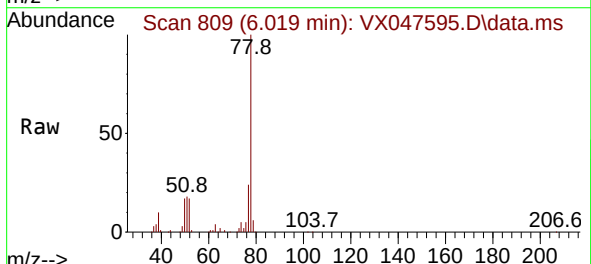
RT: 6.019 min Scan# 809

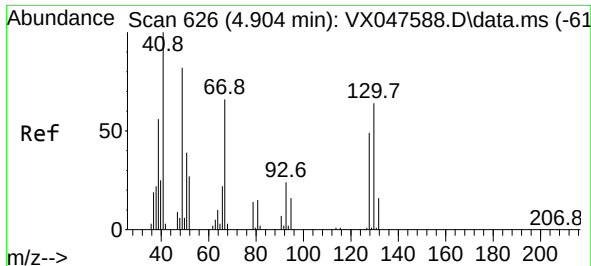
Delta R.T. -0.006 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

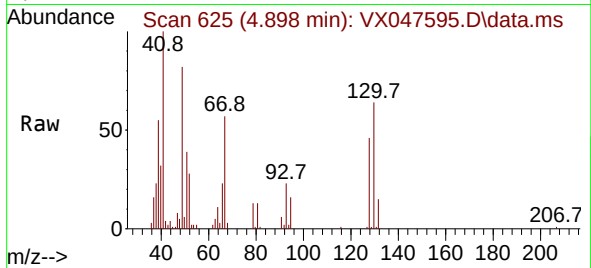
Tgt Ion:	78	Resp:	194635
Ion Ratio	Lower	Upper	
78	100		
77	24.3	18.8	28.2





#41
Methacrylonitrile
Concen: 20.552 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

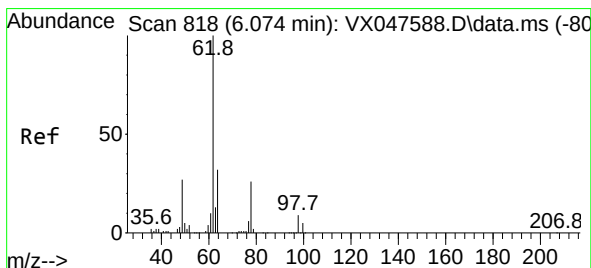
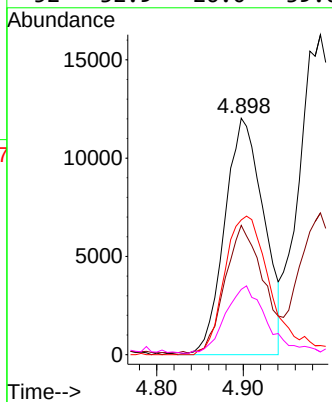
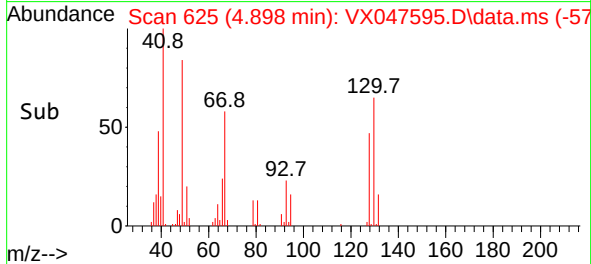
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 41 Resp: 3767
Ion Ratio Lower Upper
41 100
39 53.6 43.3 64.9
67 70.2 58.6 87.8
52 32.9 26.0 39.0

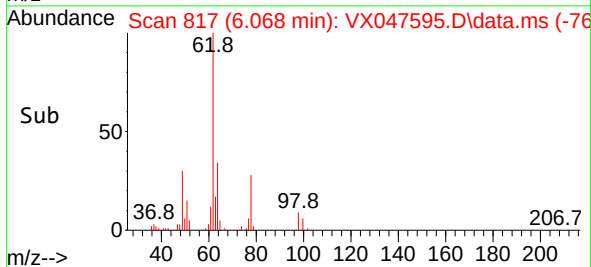
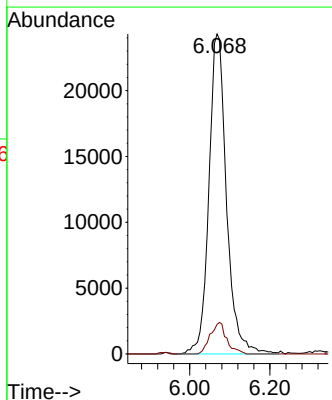
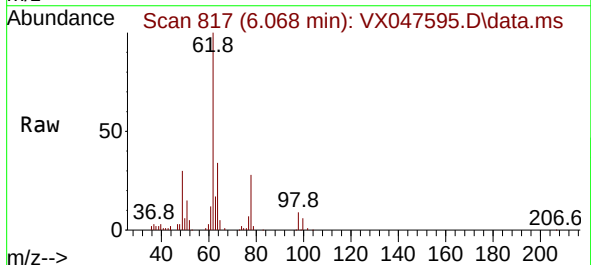
Manual Integrations
APPROVED

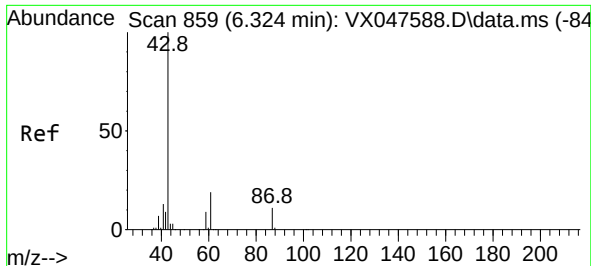
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#42
1,2-Dichloroethane
Concen: 19.296 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

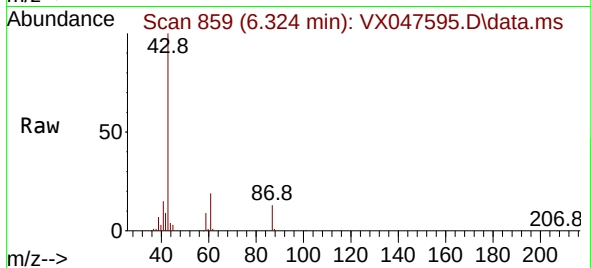
Tgt Ion: 62 Resp: 73955
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.0





#43
Isopropyl Acetate
Concen: 19.770 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

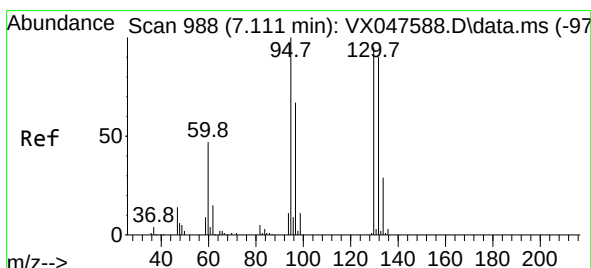
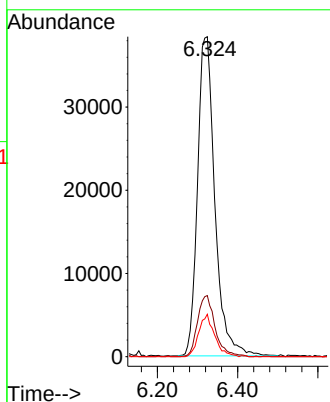
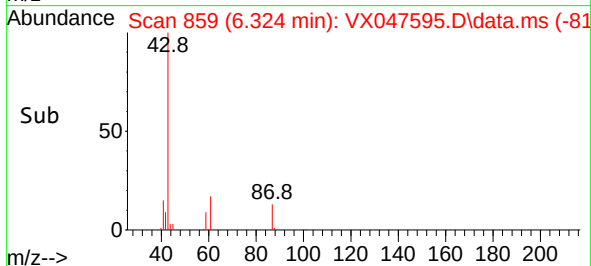
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 43 Resp: 11514
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 12.1 9.6 14.4

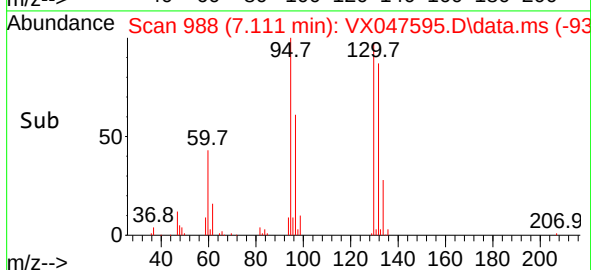
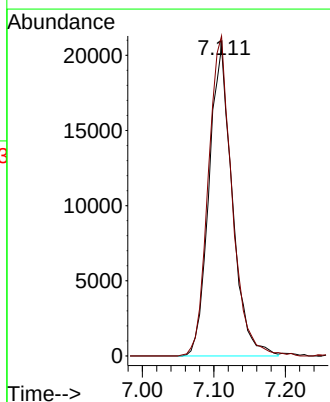
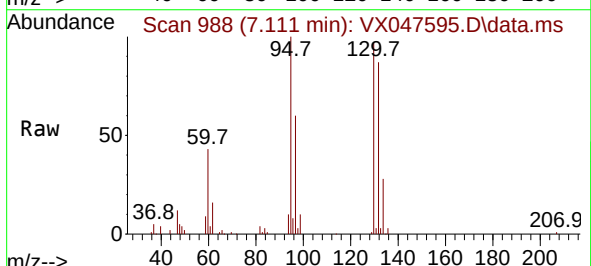
Manual Integrations
APPROVED

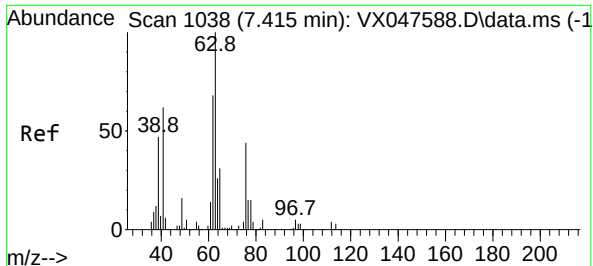
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
Trichloroethene
Concen: 19.159 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion:130 Resp: 46658
Ion Ratio Lower Upper
130 100
95 112.2 0.0 210.8





#45

1,2-Dichloropropane

Concen: 19.460 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

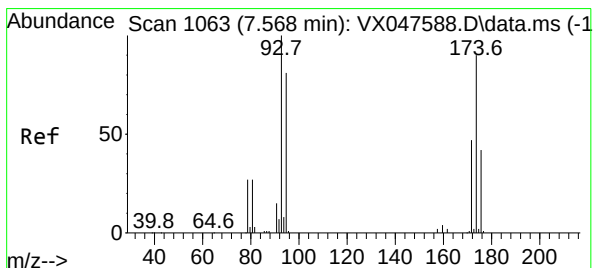
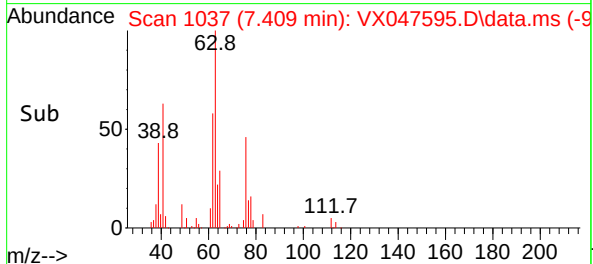
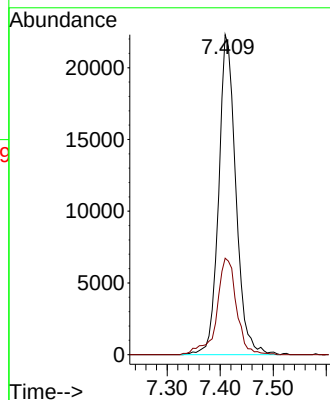
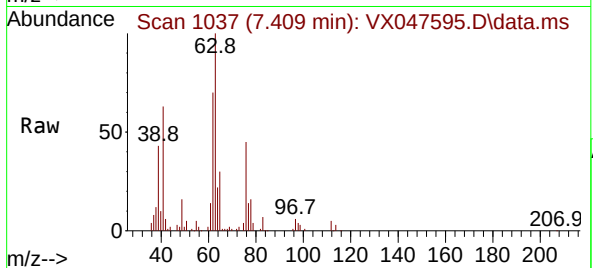
Tgt Ion: 63 Resp: 50194
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

Dibromomethane

Concen: 19.337 ug/l

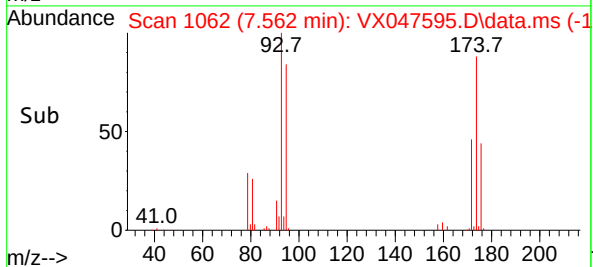
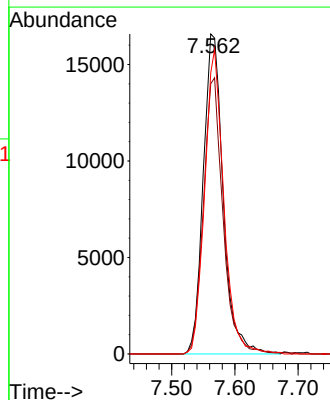
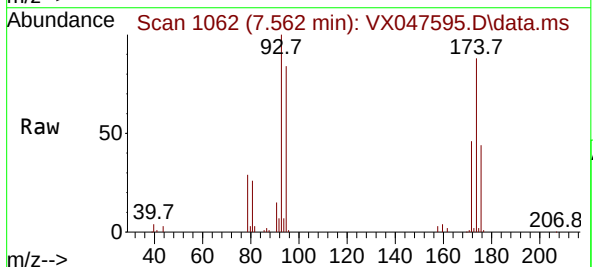
RT: 7.562 min Scan# 1062

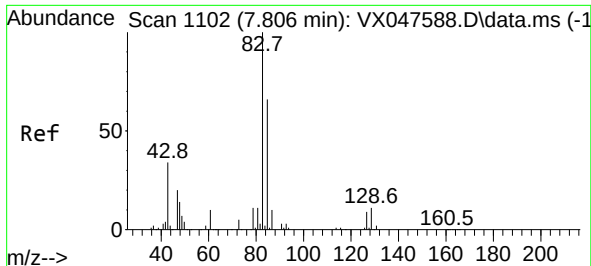
Delta R.T. -0.006 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Tgt Ion: 93 Resp: 36296
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.0 97.6
 174 91.6 71.6 107.4





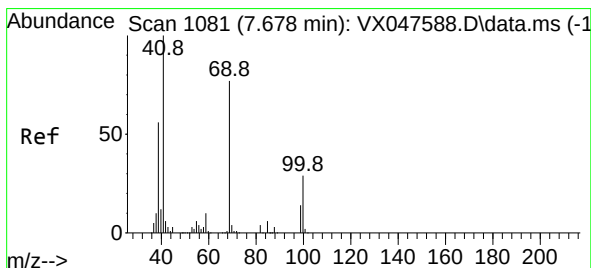
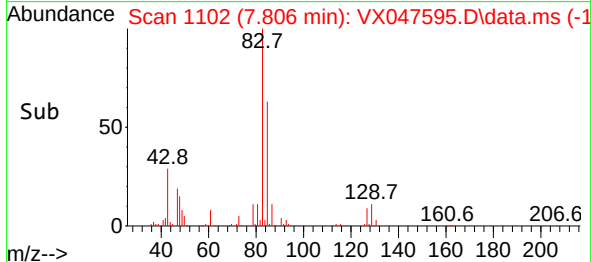
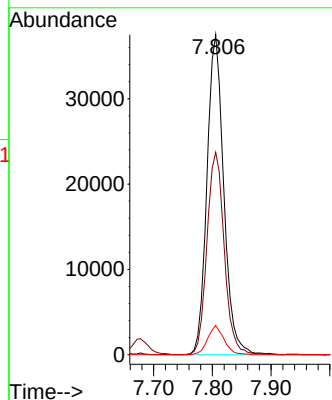
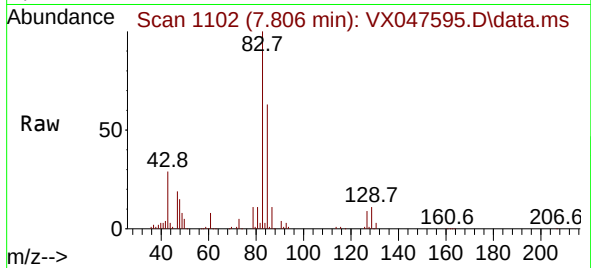
#47
Bromodichloromethane
Concen: 19.245 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 83 Resp: 7454
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7
127 9.2 6.9 10.3

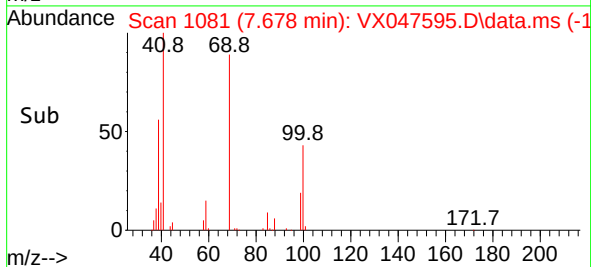
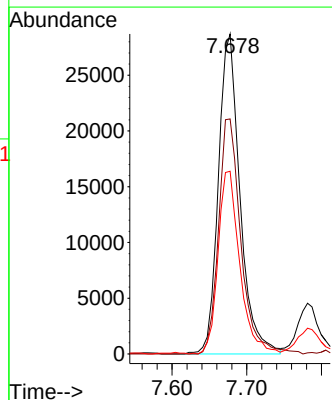
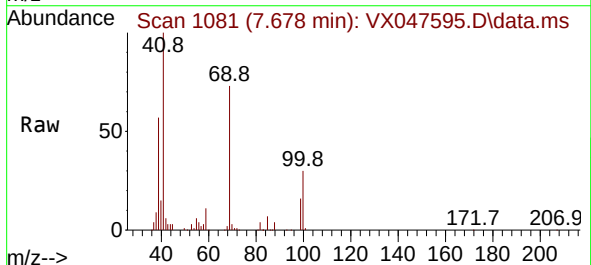
Manual Integrations
APPROVED

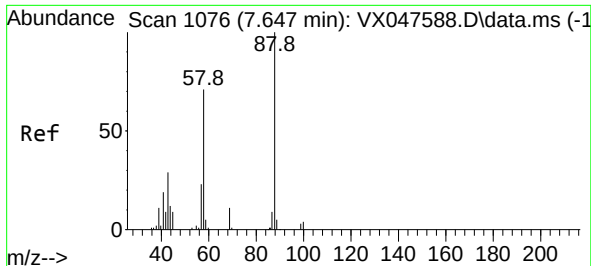
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#48
Methyl methacrylate
Concen: 19.901 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

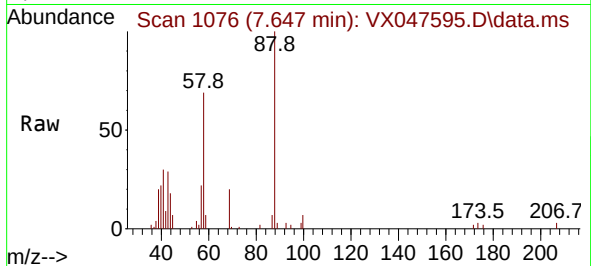
Tgt Ion: 41 Resp: 57732
Ion Ratio Lower Upper
41 100
69 75.7 61.4 92.2
39 57.5 45.8 68.6





#49
1,4-Dioxane
Concen: 428.306 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

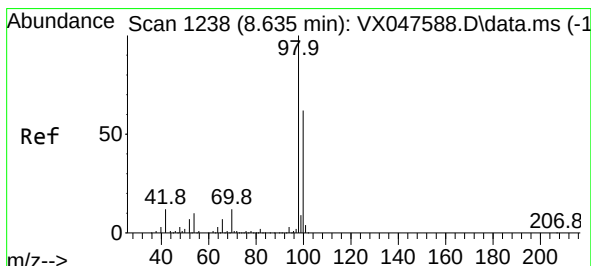
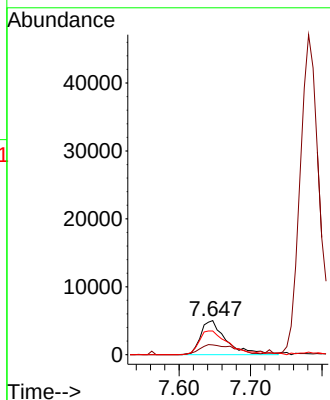
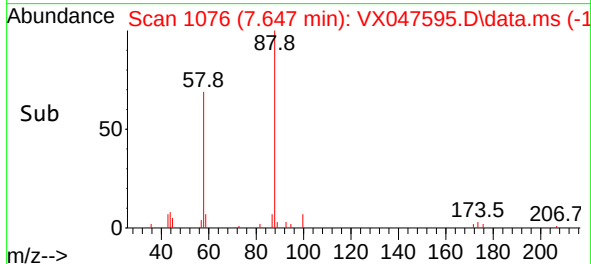
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 88 Resp: 1255
Ion Ratio Lower Upper
88 100
43 41.2 30.2 45.2
58 80.8 59.5 89.3

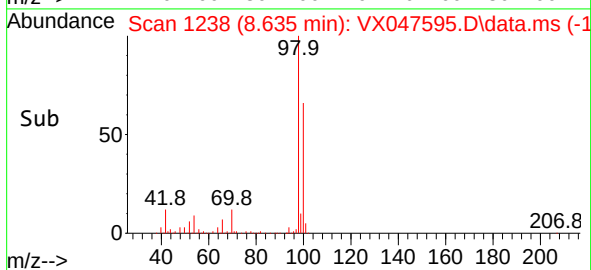
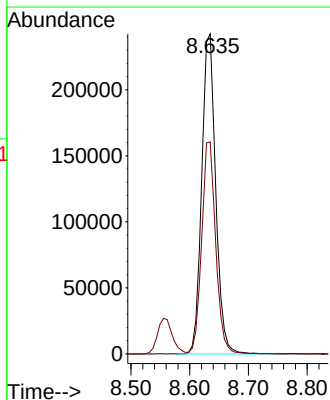
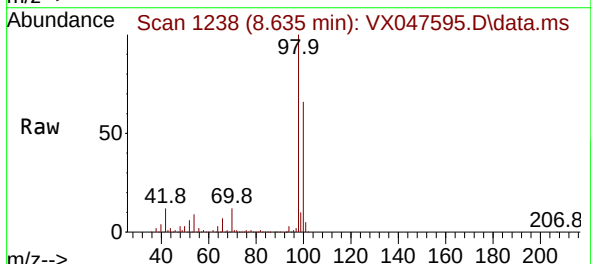
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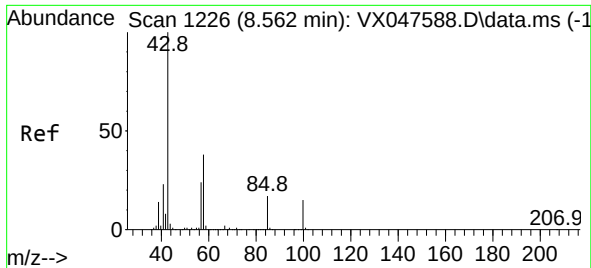
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#50
Toluene-d8
Concen: 50.926 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

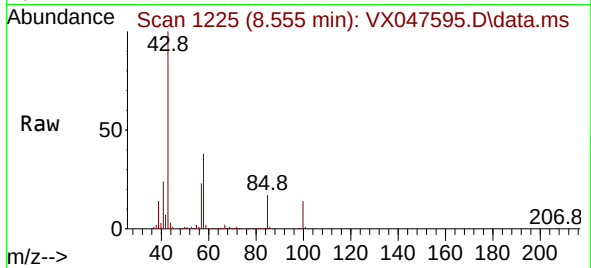
Tgt Ion: 98 Resp: 399956
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 104.165 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

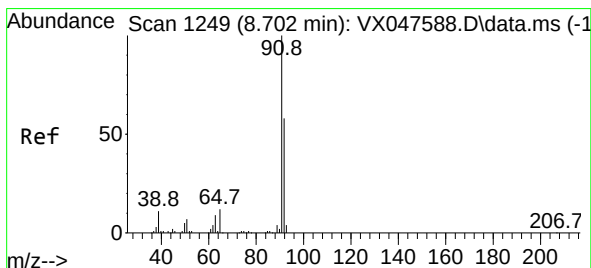
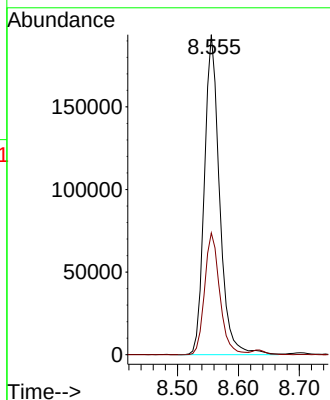
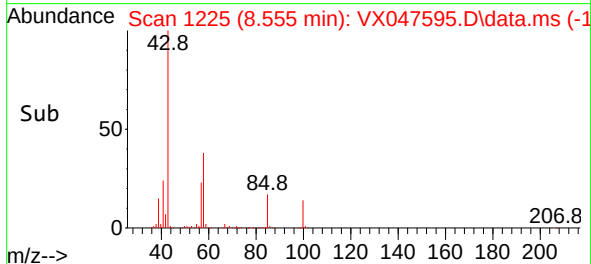
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 43 Resp: 336358
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

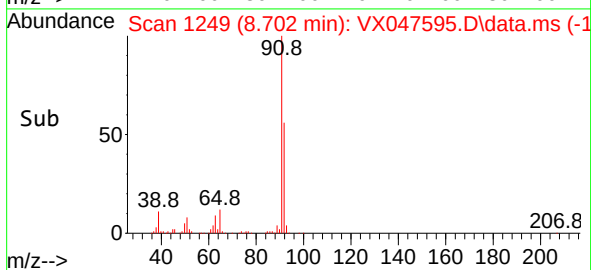
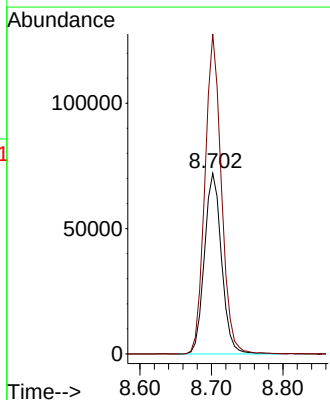
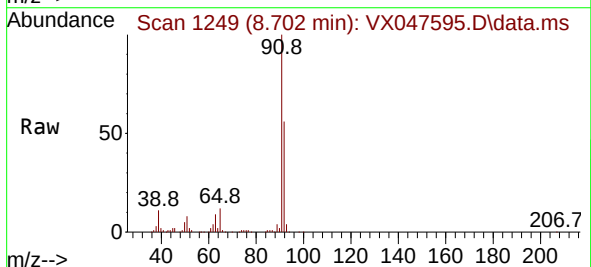
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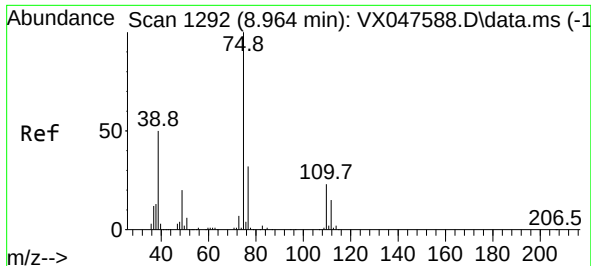
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
Toluene
Concen: 19.283 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion: 92 Resp: 119672
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.108 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion: 75 Resp: 75494

Ion Ratio Lower Upper

75 100

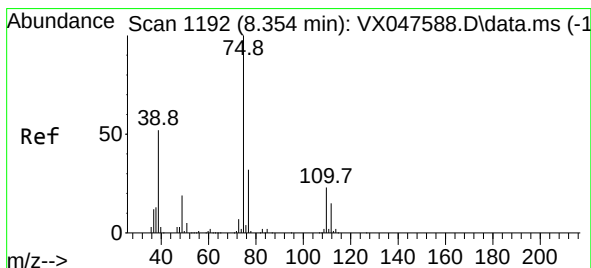
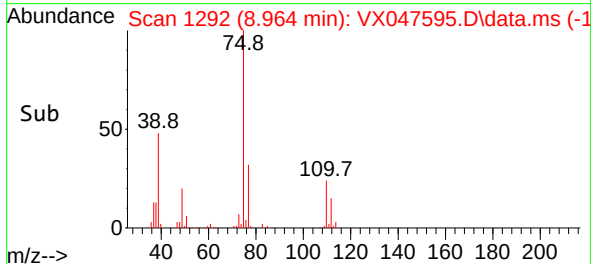
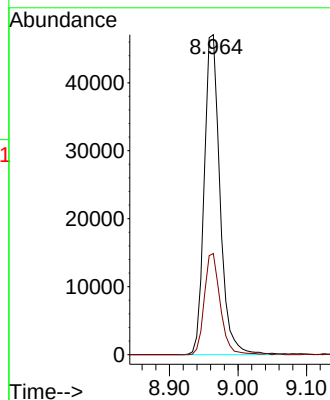
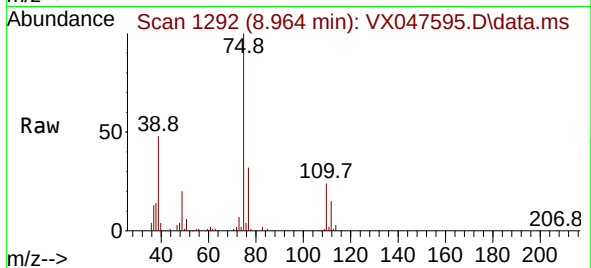
77 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#54

cis-1,3-Dichloropropene

Concen: 19.544 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

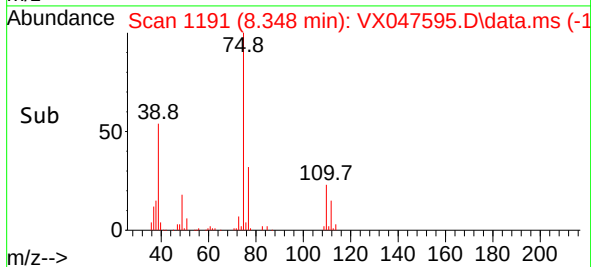
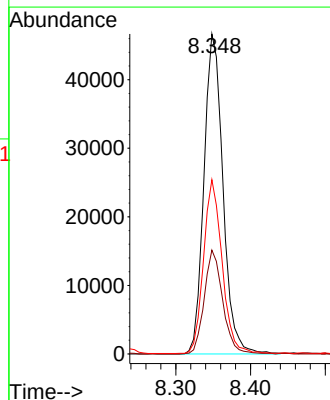
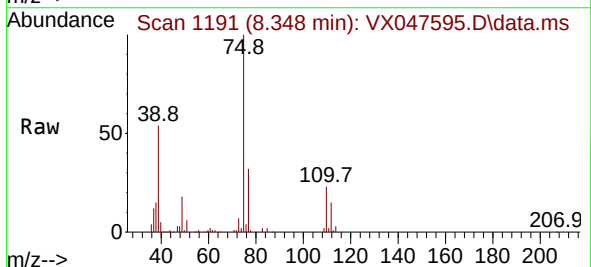
Tgt Ion: 75 Resp: 82533

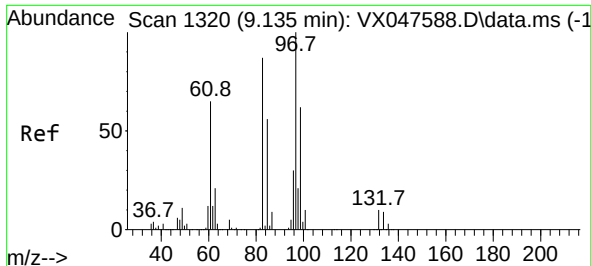
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

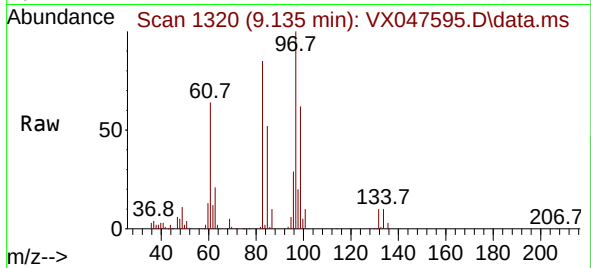
39 52.7 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 19.579 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

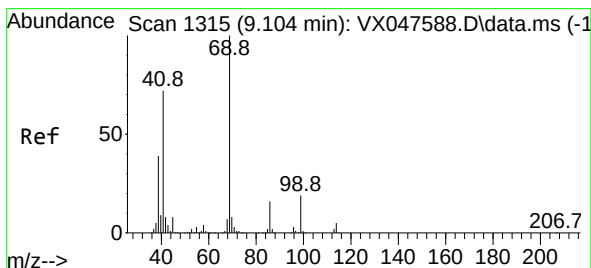
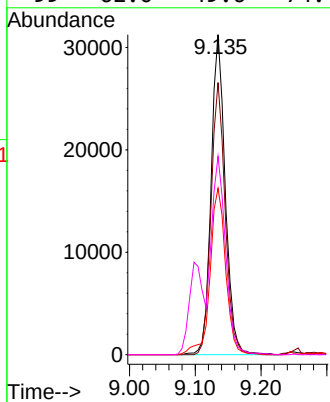
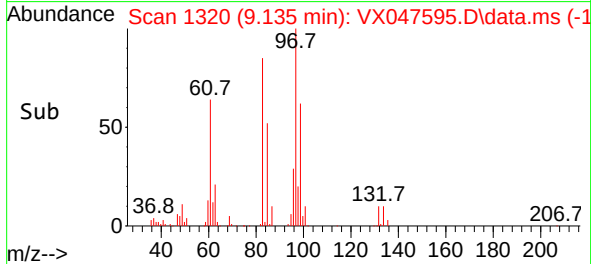
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.6	104.4
85	52.0	45.0	67.6
99	62.0	49.6	74.4

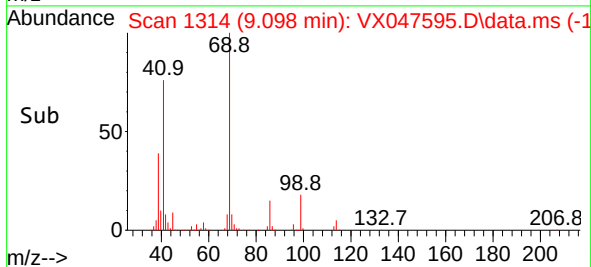
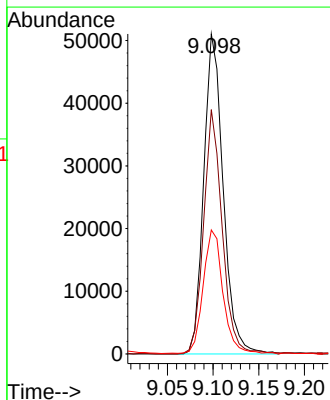
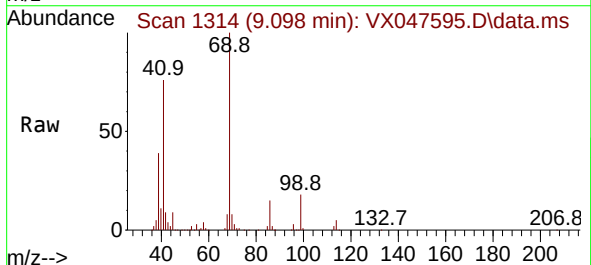
Manual Integrations
APPROVED

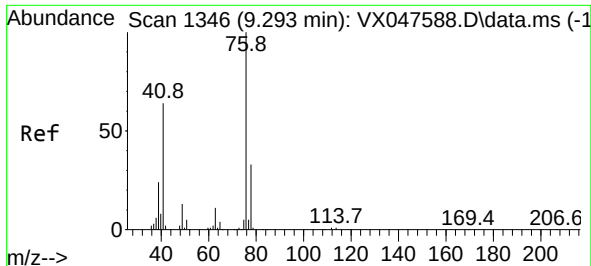
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#56
Ethyl methacrylate
Concen: 20.053 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.1	58.6	87.8
39	39.8	31.5	47.3





#57

1,3-Dichloropropane

Concen: 20.166 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. 0.000 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion: 76 Resp: 8289

Ion Ratio Lower Upper

76 100

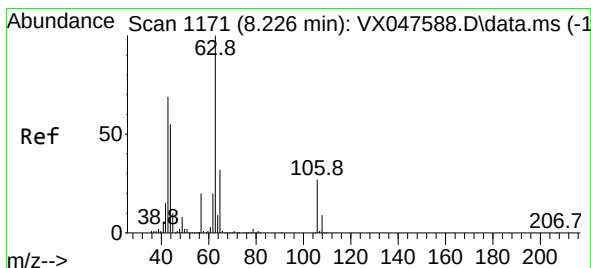
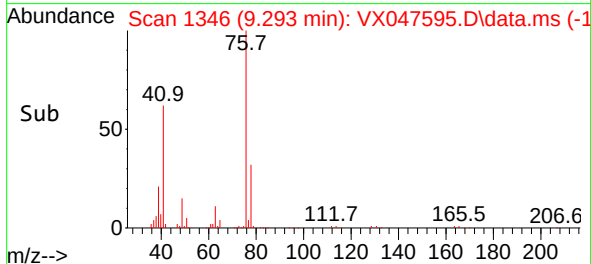
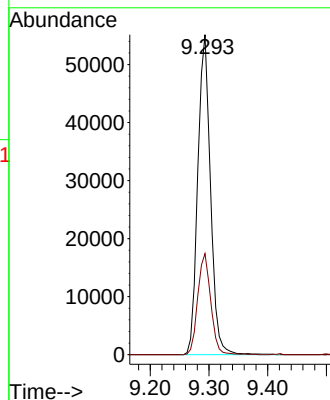
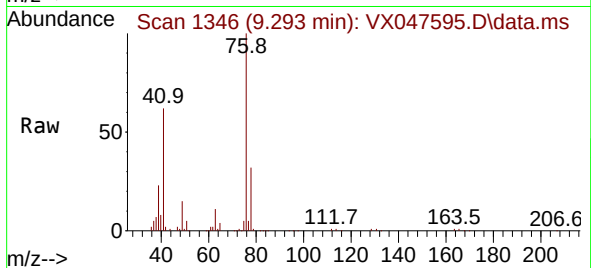
78 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 84.558 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047595.D

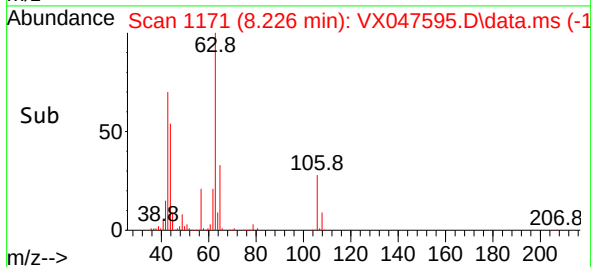
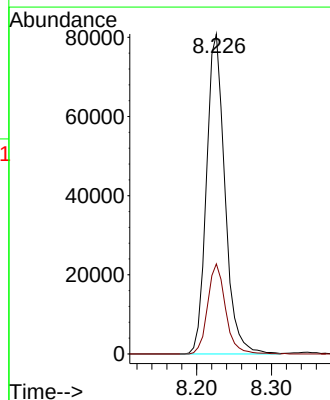
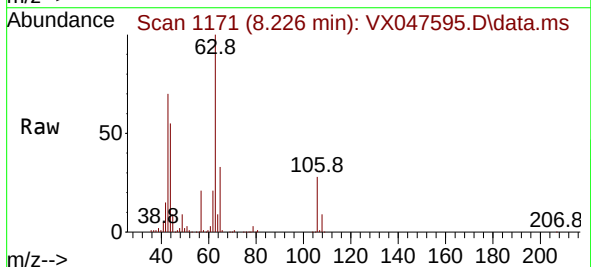
Acq: 16 Sep 2025 15:21

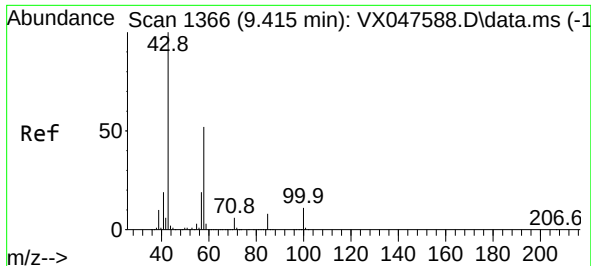
Tgt Ion: 63 Resp: 138530

Ion Ratio Lower Upper

63 100

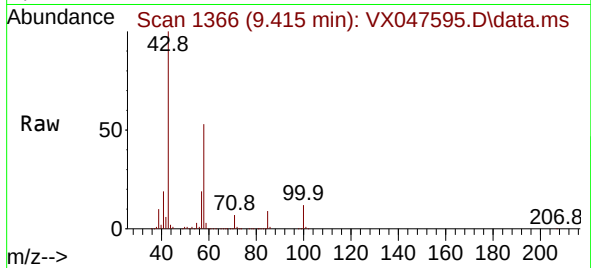
106 27.3 21.9 32.9





#59
2-Hexanone
Concen: 101.913 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

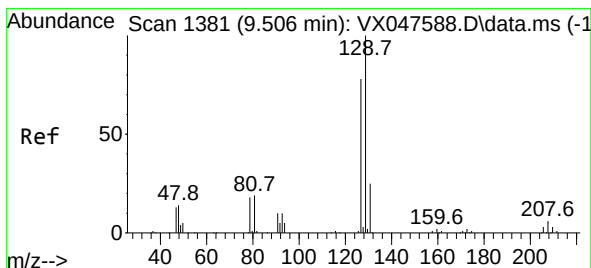
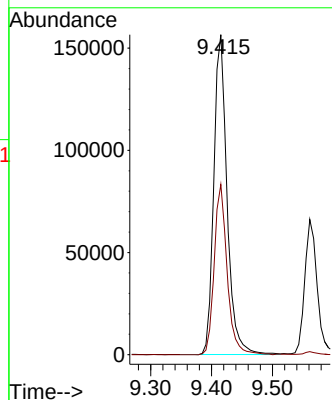
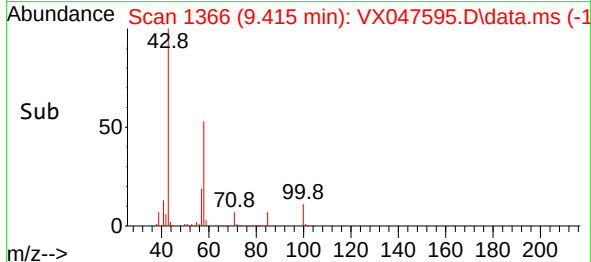
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 43 Resp: 23635
Ion Ratio Lower Upper
43 100
58 51.9 26.1 78.2

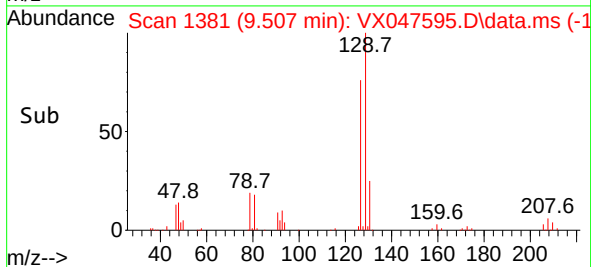
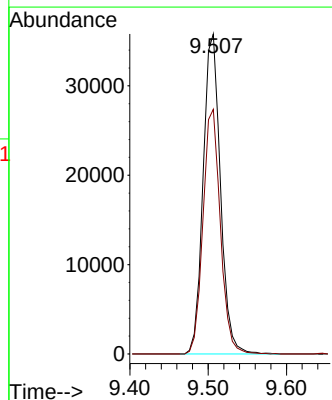
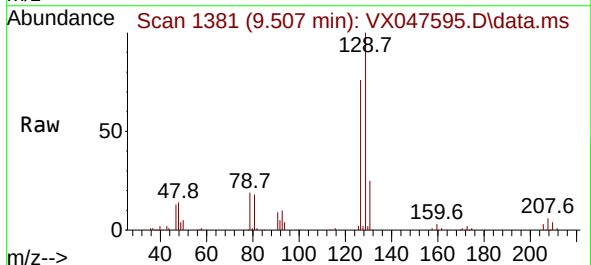
Manual Integrations
APPROVED

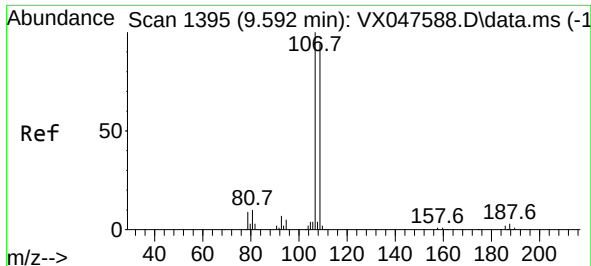
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#60
Dibromochloromethane
Concen: 19.897 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion:129 Resp: 54864
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





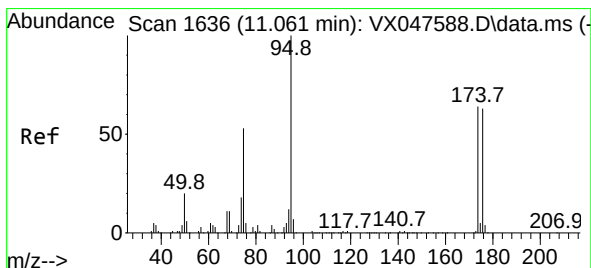
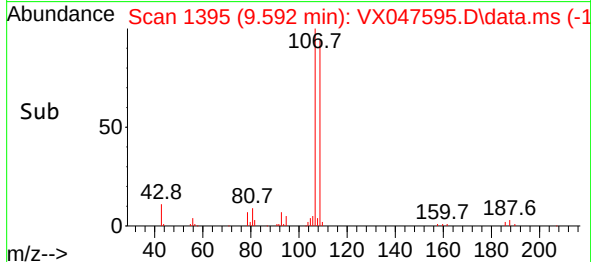
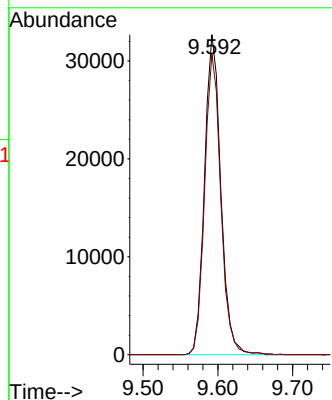
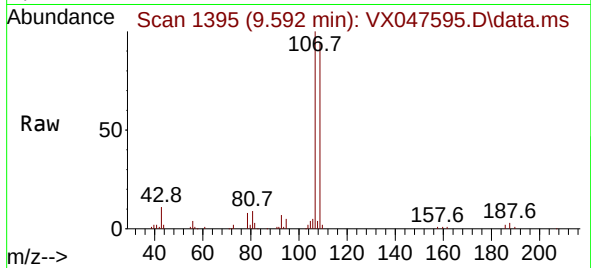
#61
1,2-Dibromoethane
Concen: 20.295 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion:107 Resp: 49468
Ion Ratio Lower Upper
107 100
109 93.2 75.3 112.9

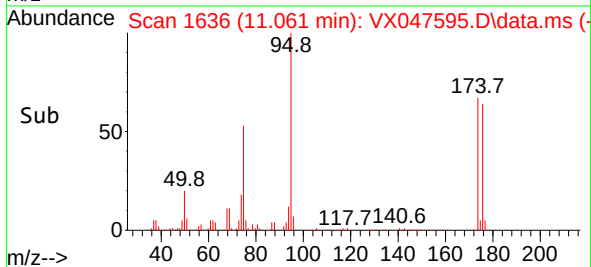
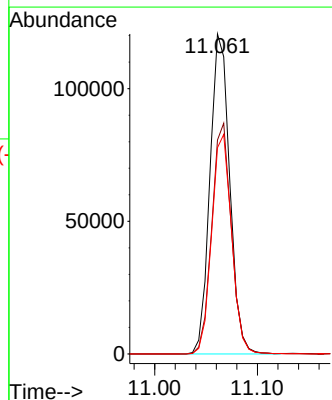
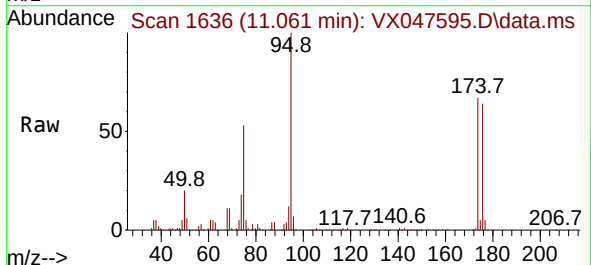
Manual Integrations
APPROVED

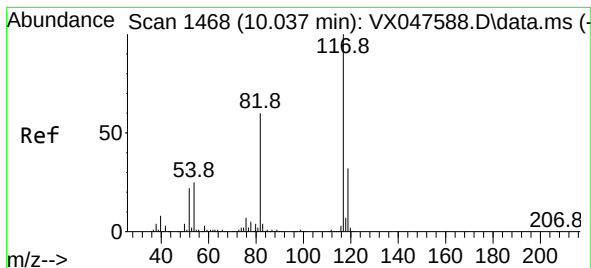
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#62
4-Bromofluorobenzene
Concen: 53.912 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

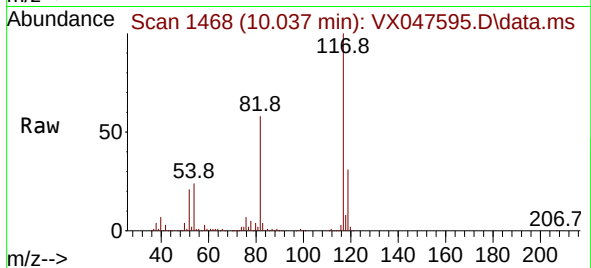
Tgt Ion: 95 Resp: 160691
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 69.2 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

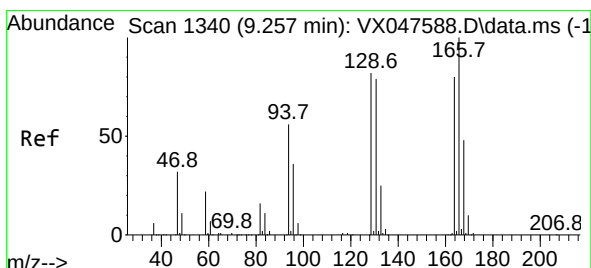
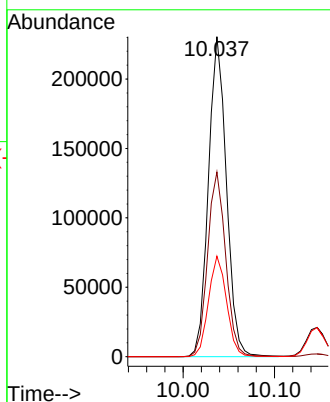
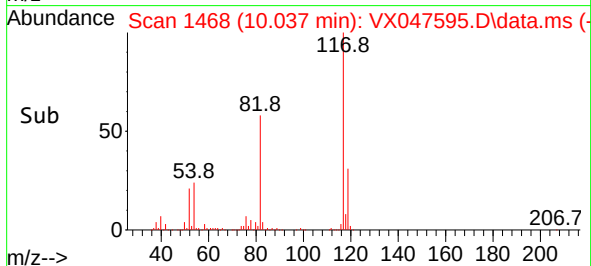
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion:117 Resp: 31547
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 31.4 25.2 37.8

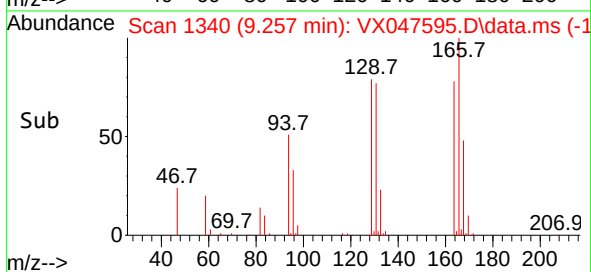
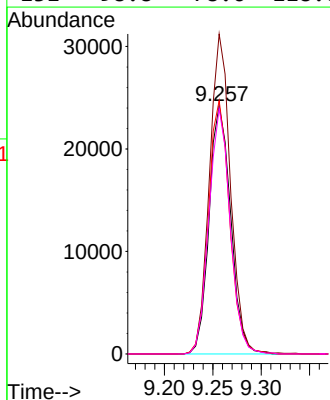
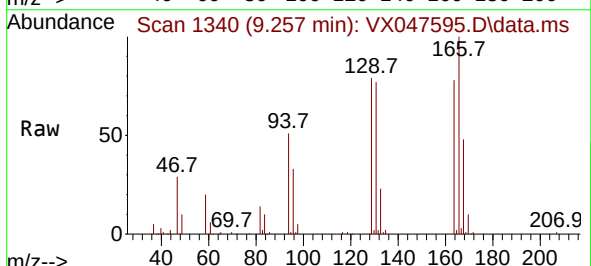
Manual Integrations
APPROVED

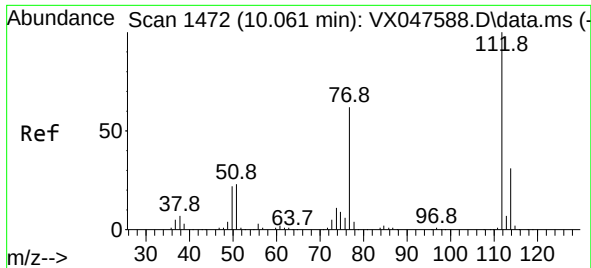
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#64
Tetrachloroethene
Concen: 18.285 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

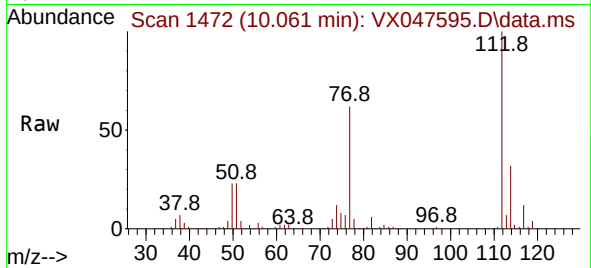
Tgt Ion:164 Resp: 37604
Ion Ratio Lower Upper
164 100
166 128.9 100.2 150.2
129 102.0 81.8 122.6
131 98.8 78.6 118.0





#65
Chlorobenzene
Concen: 18.515 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

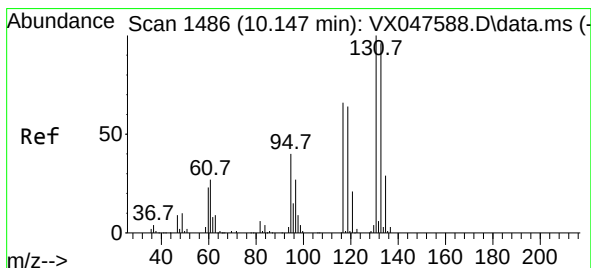
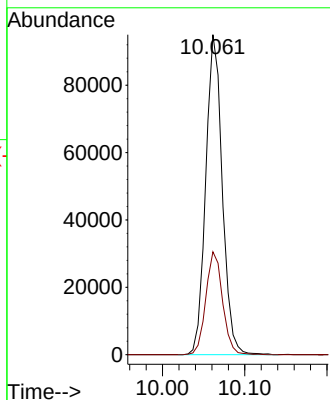
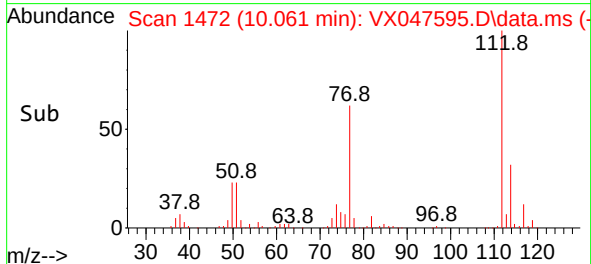
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion:112 Resp: 132692
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

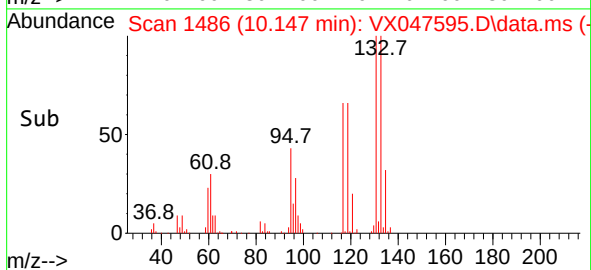
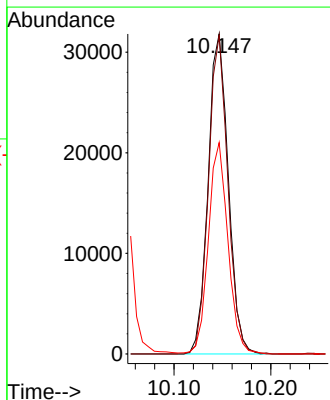
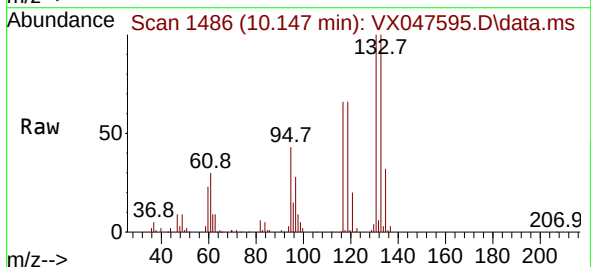
Manual Integrations
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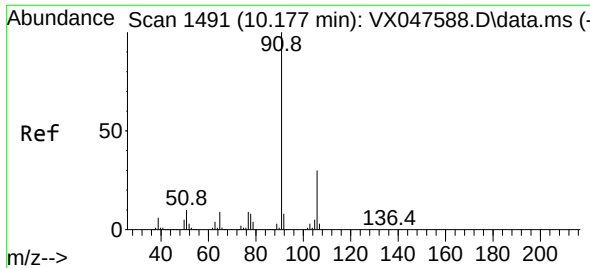
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.663 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion:131 Resp: 46156
Ion Ratio Lower Upper
131 100
133 95.8 47.3 142.0
119 64.2 32.0 96.0





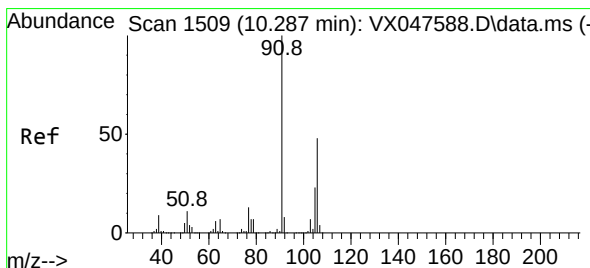
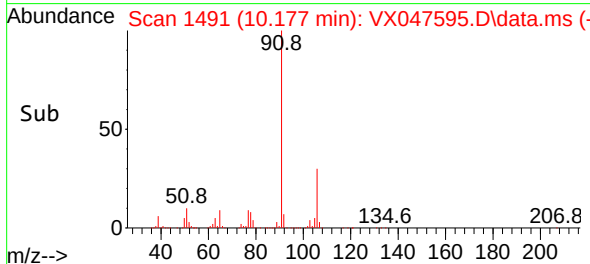
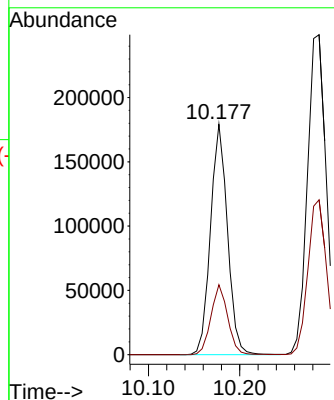
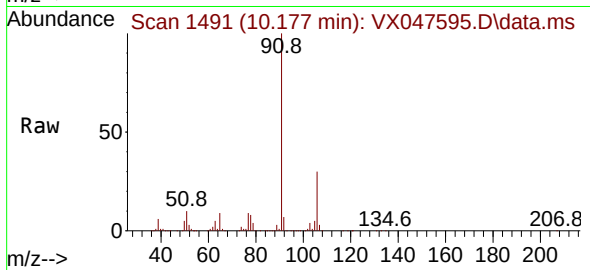
#67
Ethyl Benzene
Concen: 18.657 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 91 Resp: 230715
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

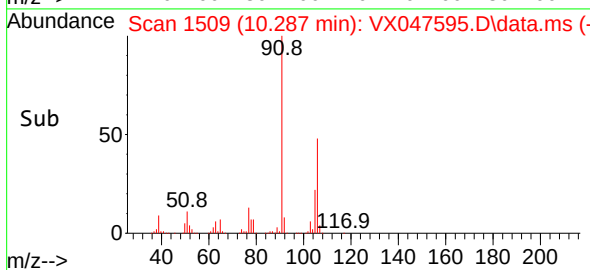
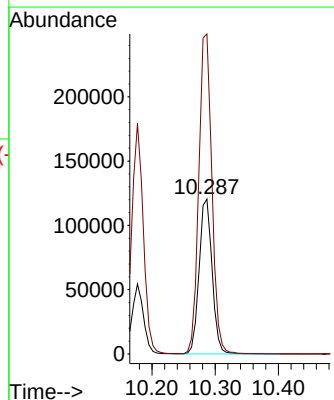
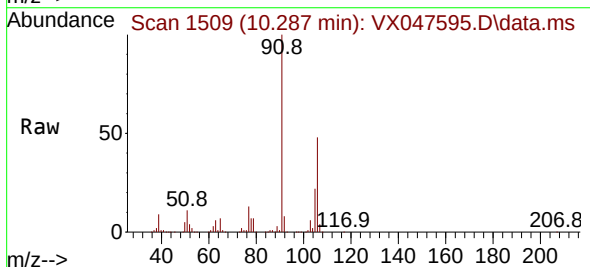
Manual Integrations
APPROVED

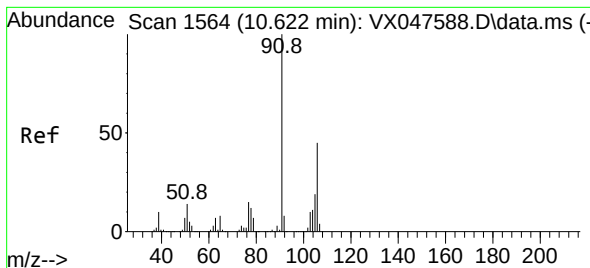
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#68
m/p-Xylenes
Concen: 37.445 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion:106 Resp: 172349
Ion Ratio Lower Upper
106 100
91 208.5 167.8 251.8





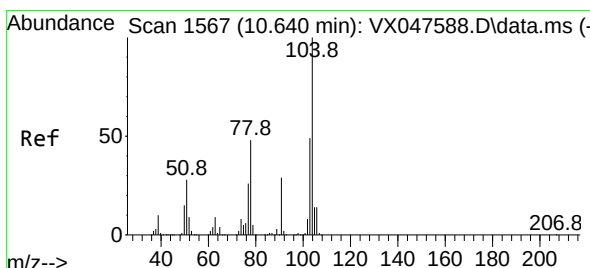
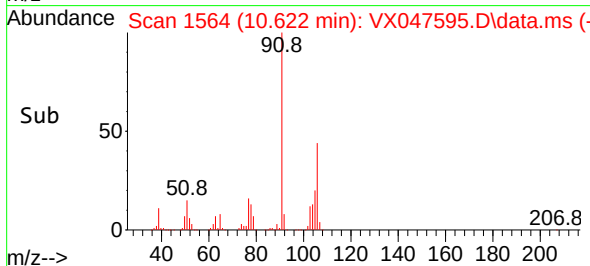
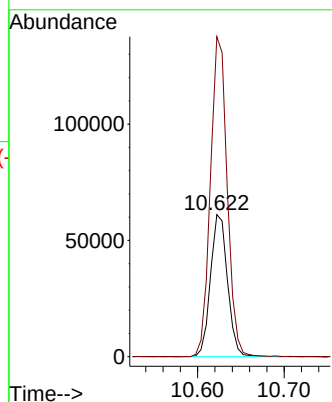
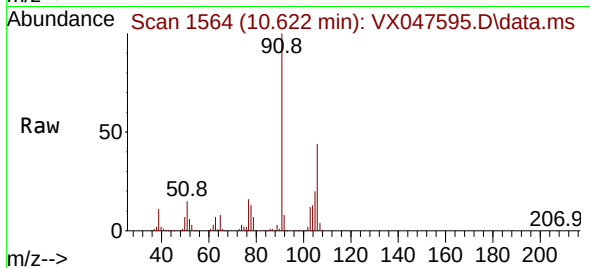
#69
o-Xylene
Concen: 18.710 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion:106 Resp: 83294
Ion Ratio Lower Upper
106 100
91 222.6 111.1 333.4

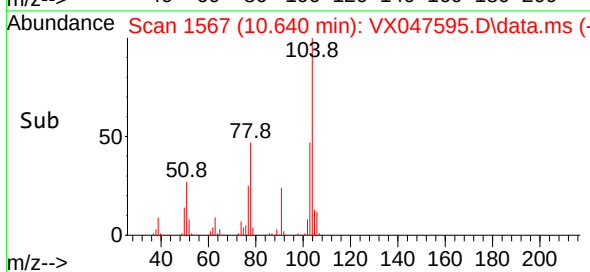
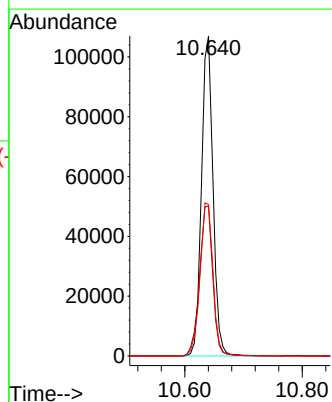
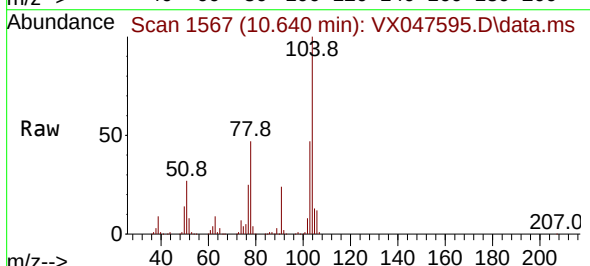
Manual Integrations
APPROVED

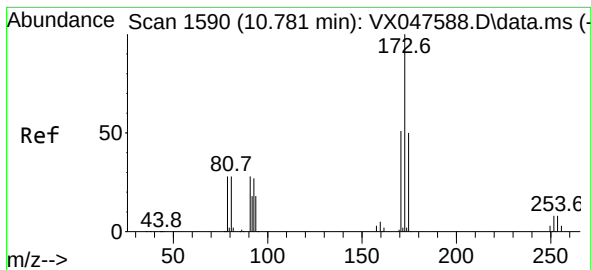
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#70
Styrene
Concen: 18.627 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

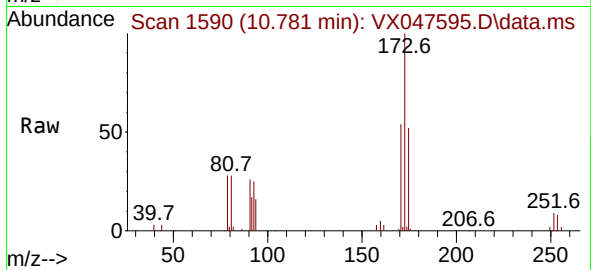
Tgt Ion:104 Resp: 145298
Ion Ratio Lower Upper
104 100
78 53.8 43.1 64.7
103 54.0 43.1 64.7





#71
Bromoform
Concen: 18.680 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

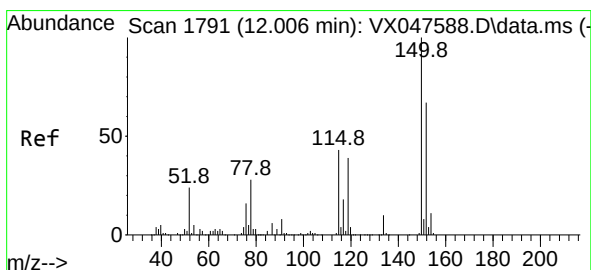
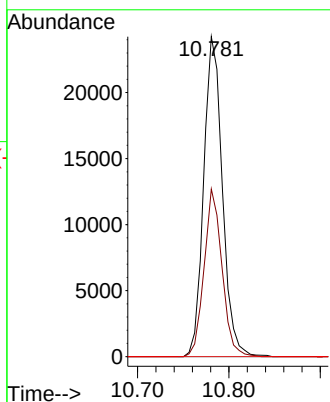
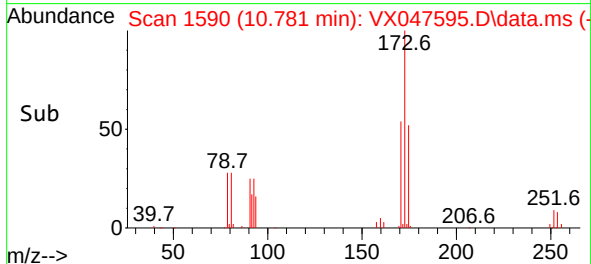
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



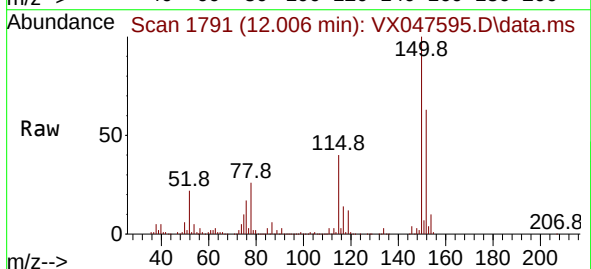
Tgt Ion:173 Resp: 34490
Ion Ratio Lower Upper
173 100
175 50.1 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

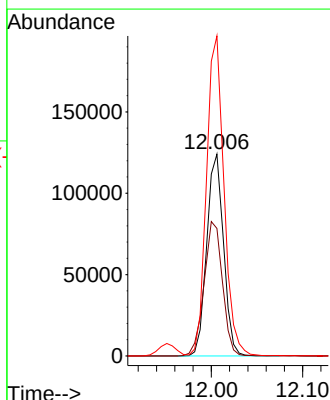
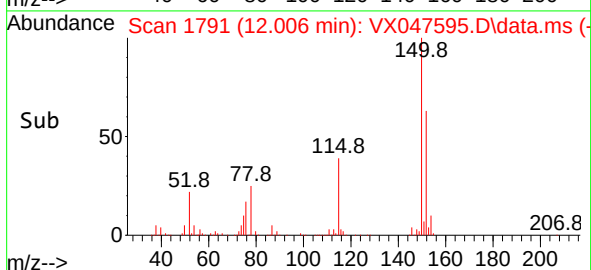
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

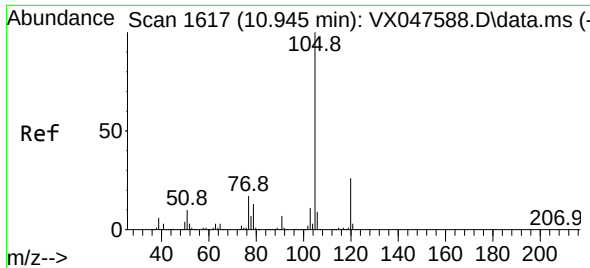


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



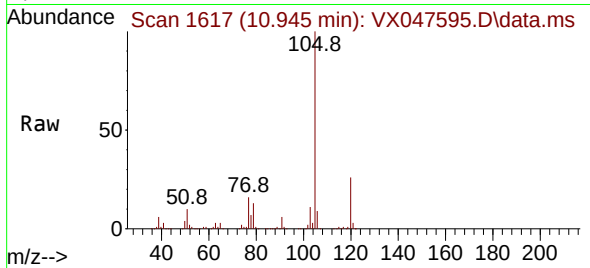
Tgt Ion:152 Resp: 158261
Ion Ratio Lower Upper
152 100
115 72.6 44.9 134.5
150 164.0 0.0 352.0





#73
Isopropylbenzene
Concen: 17.893 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

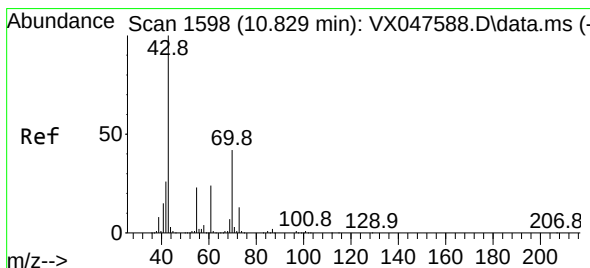
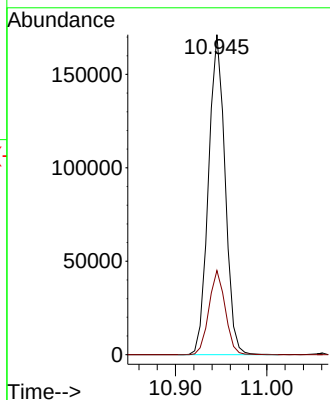
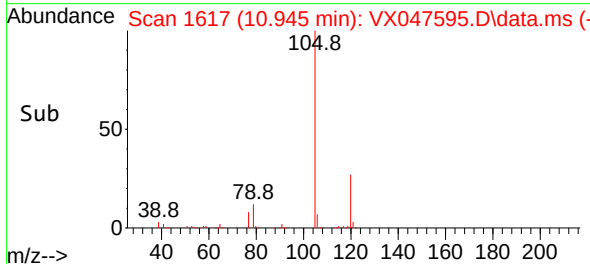
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



Tgt Ion: 105 Resp: 215290
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

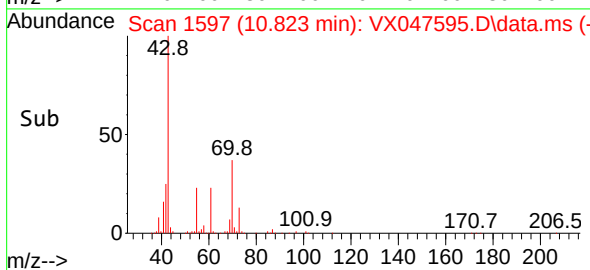
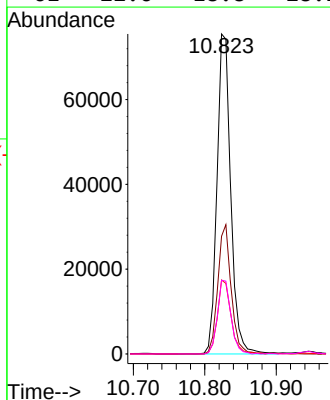
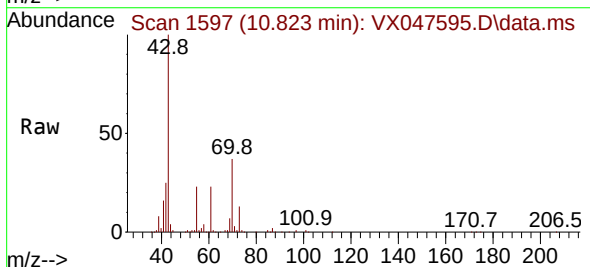
Manual Integrations
APPROVED

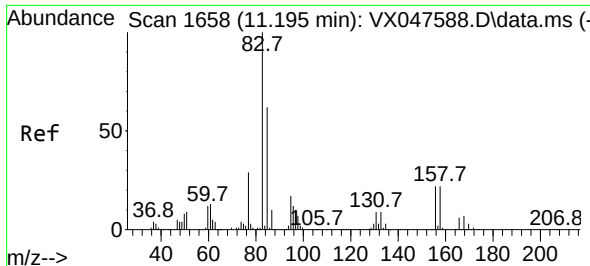
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#74
N-ethyl acetate
Concen: 18.365 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

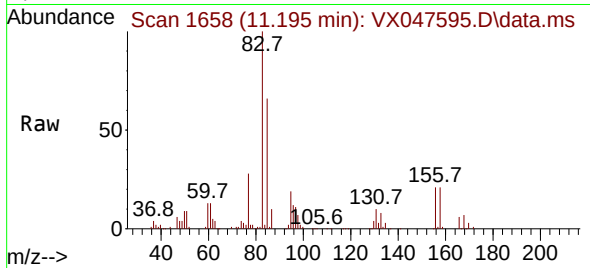
Tgt Ion: 43 Resp: 100764
Ion Ratio Lower Upper
43 100
70 39.4 32.0 48.0
55 22.8 18.9 28.3
61 22.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.189 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

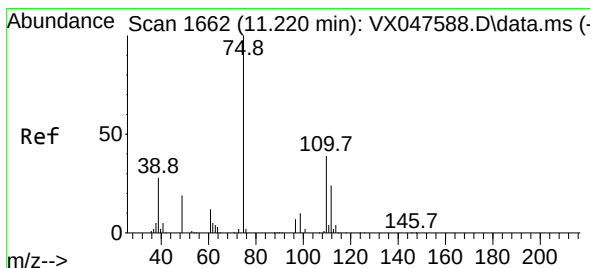
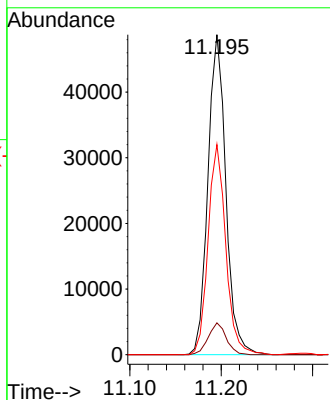
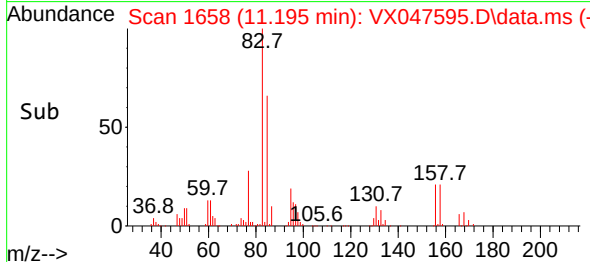
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



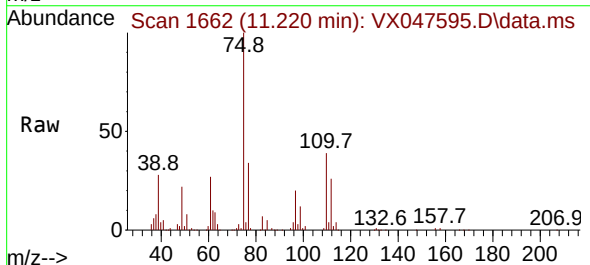
Tgt Ion: 83 Resp: 6621
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.9 31.6 95.0

Manual Integrations
APPROVED

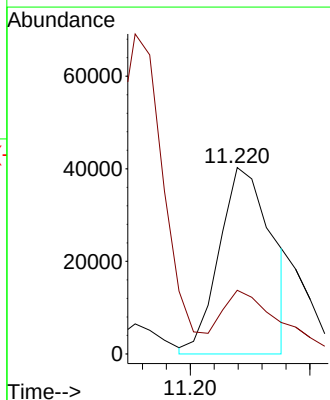
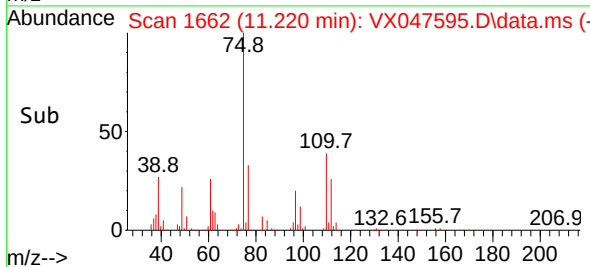
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

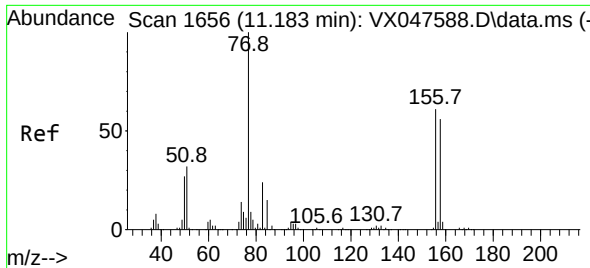


#76
1,2,3-Trichloropropane
Concen: 19.172 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



Tgt Ion: 75 Resp: 61433
Ion Ratio Lower Upper
75 100
77 37.7 18.8 56.4





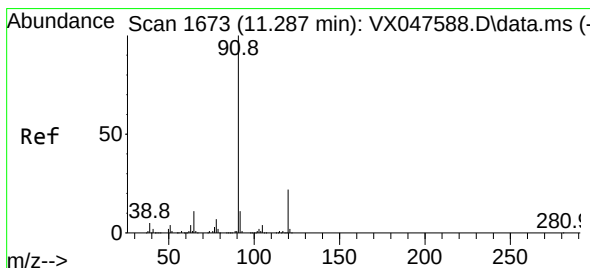
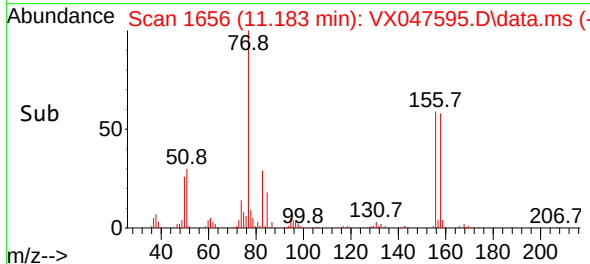
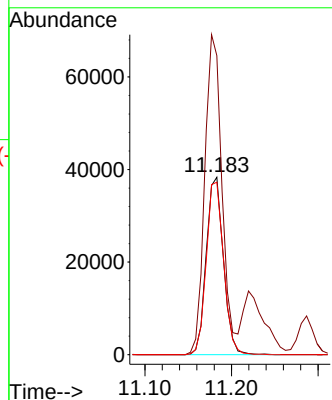
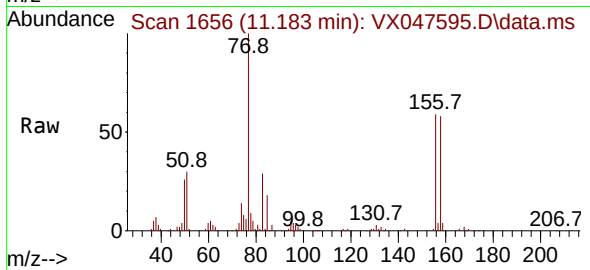
#77
Bromobenzene
Concen: 17.821 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion:156 Resp: 52810
Ion Ratio Lower Upper
156 100
77 181.2 89.7 269.1
158 98.3 47.9 143.6

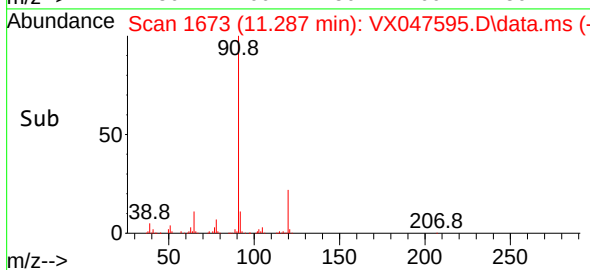
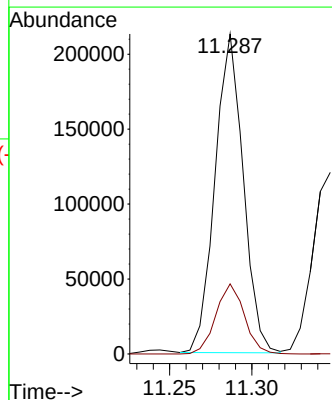
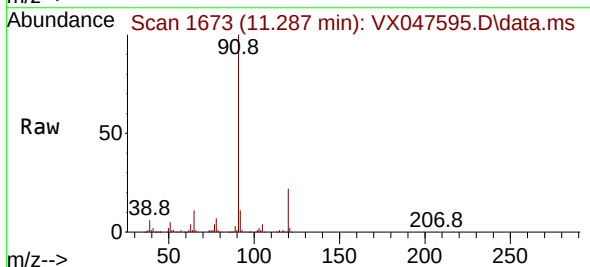
Manual Integrations
APPROVED

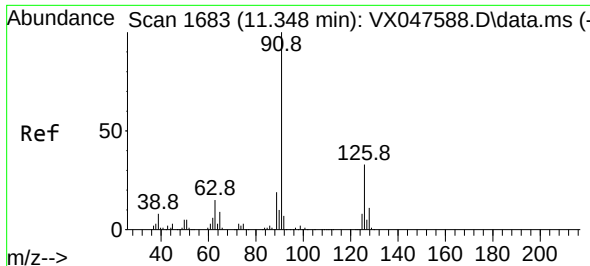
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#78
n-propylbenzene
Concen: 17.807 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion: 91 Resp: 253278
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





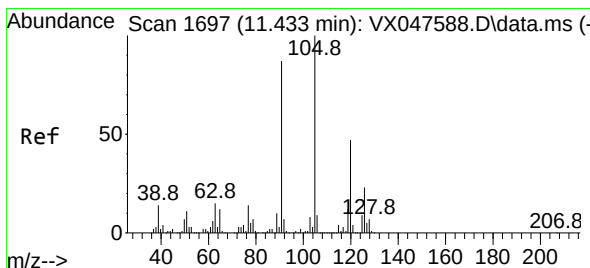
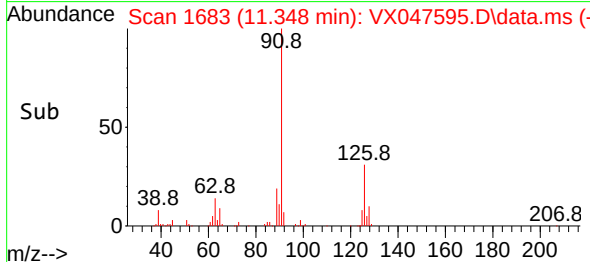
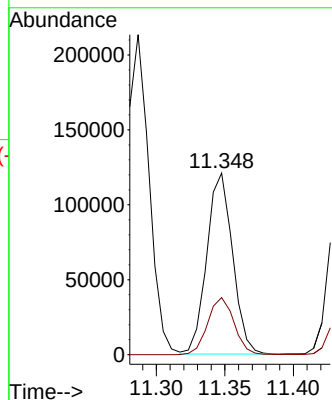
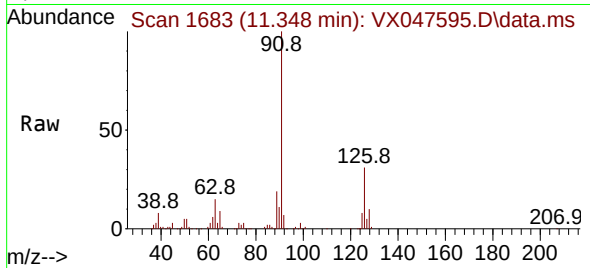
#79
2-Chlorotoluene
Concen: 18.122 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion: 91 Resp: 15786
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3

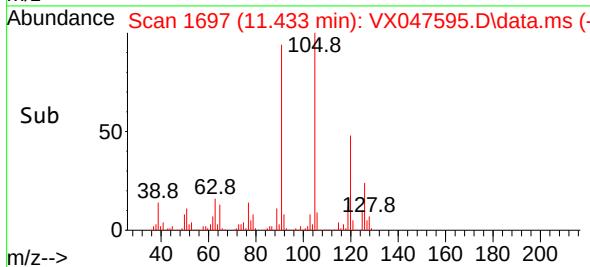
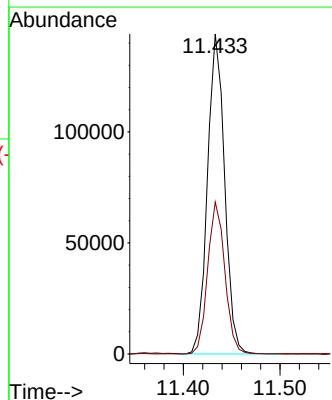
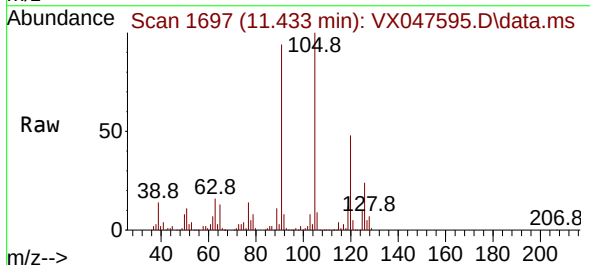
Manual Integrations
APPROVED

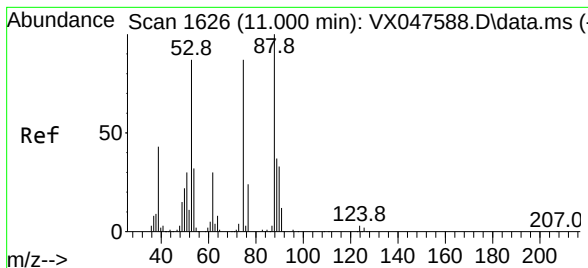
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.974 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

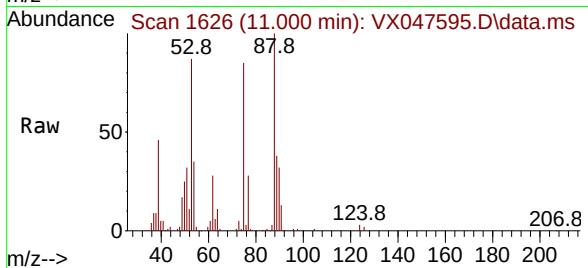
Tgt Ion:105 Resp: 177677
Ion Ratio Lower Upper
105 100
120 47.7 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.391 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

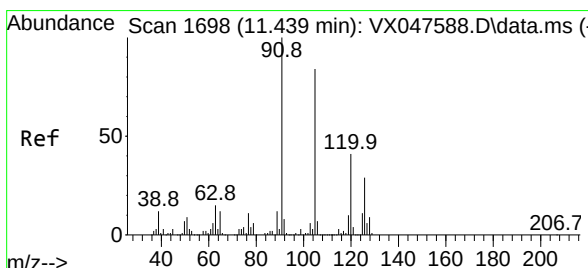
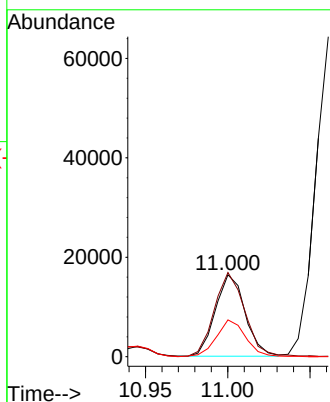
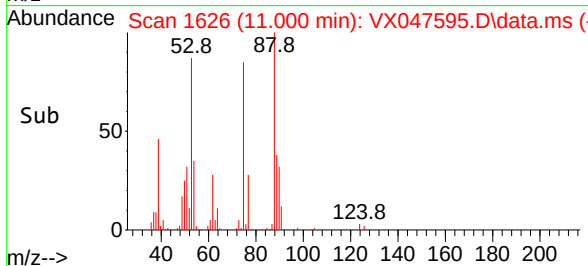
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



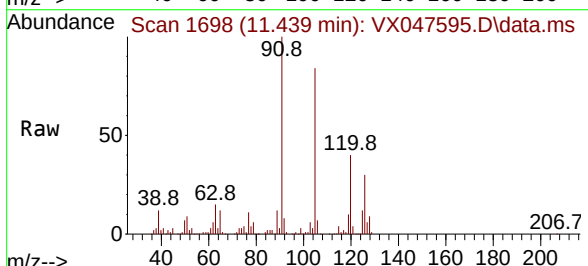
Tgt Ion: 75 Resp: 2059
Ion Ratio Lower Upper
75 100
53 106.4 83.4 125.2
89 44.7 36.3 54.5

Manual Integrations
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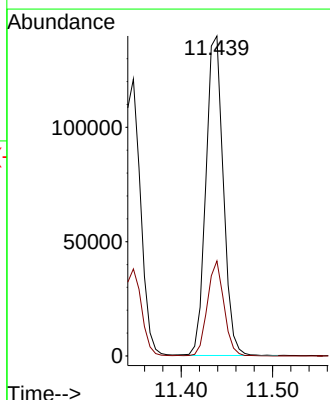
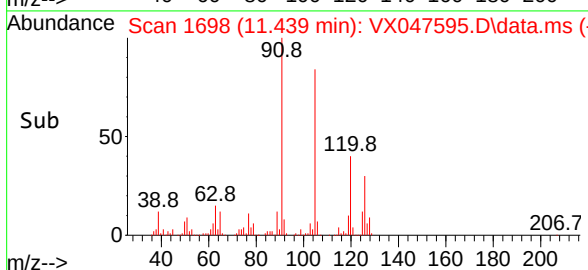
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

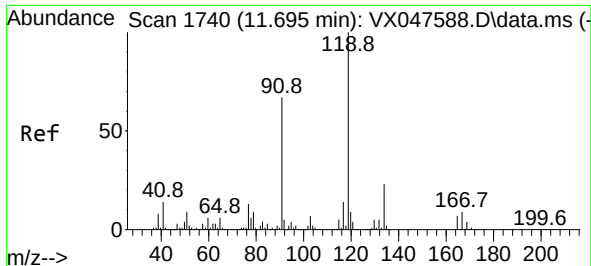


#82
4-Chlorotoluene
Concen: 17.898 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



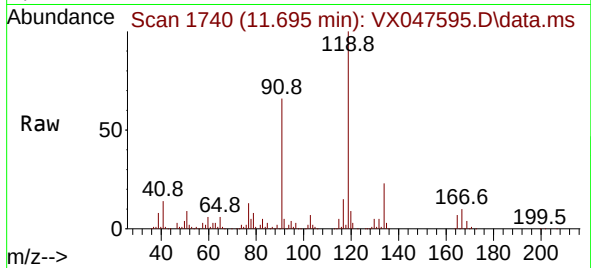
Tgt Ion: 91 Resp: 184150
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 17.527 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

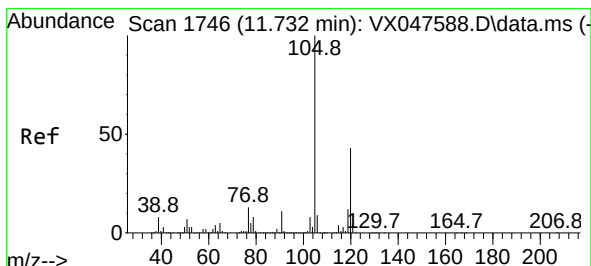
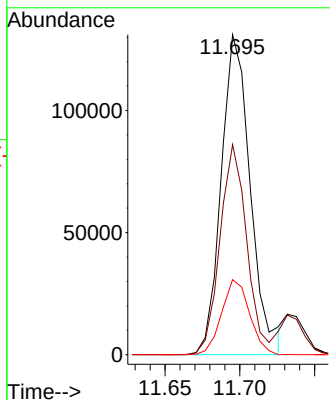
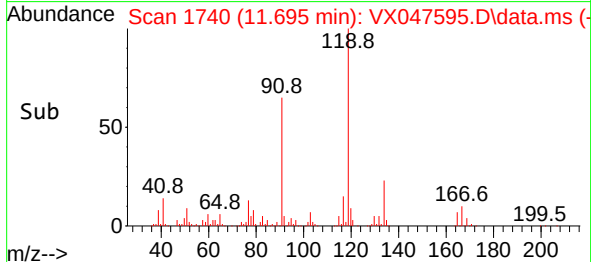
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



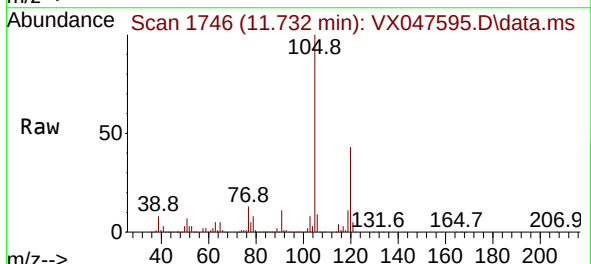
Tgt Ion:119 Resp: 177360
Ion Ratio Lower Upper
119 100
91 60.3 29.6 88.8
134 22.6 11.0 33.0

Manual Integrations
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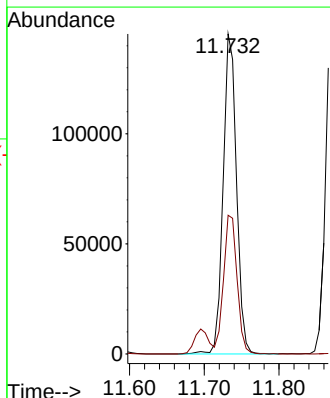
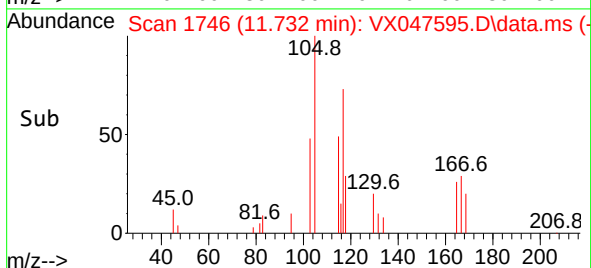
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

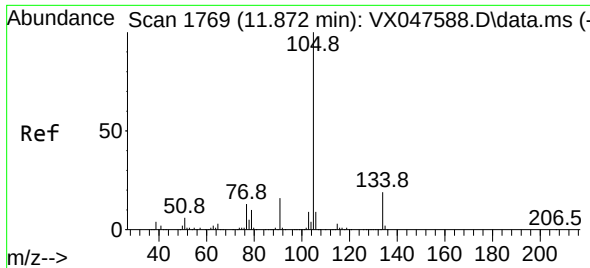


#84
1,2,4-Trimethylbenzene
Concen: 17.974 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



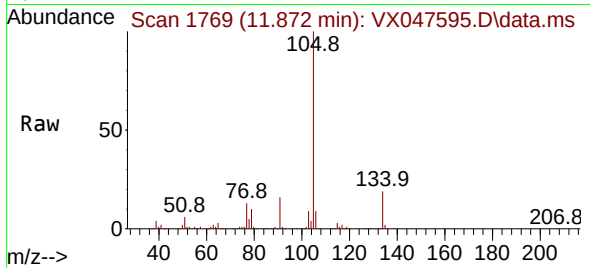
Tgt Ion:105 Resp: 180139
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 17.908 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX047595.D
 Acq: 16 Sep 2025 15:21

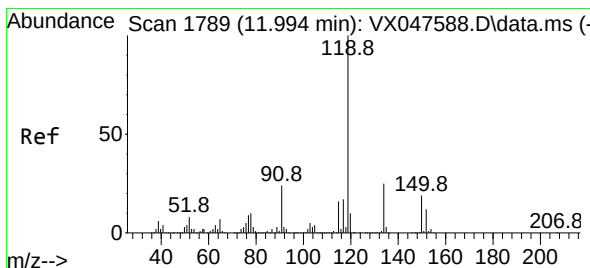
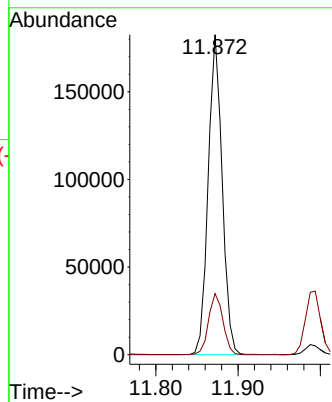
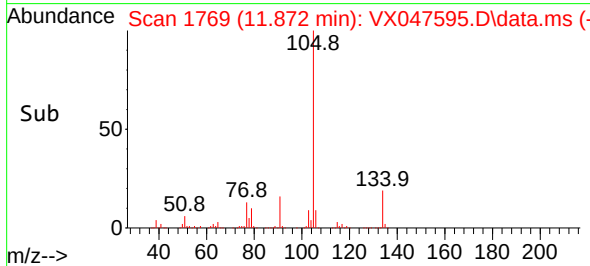
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01



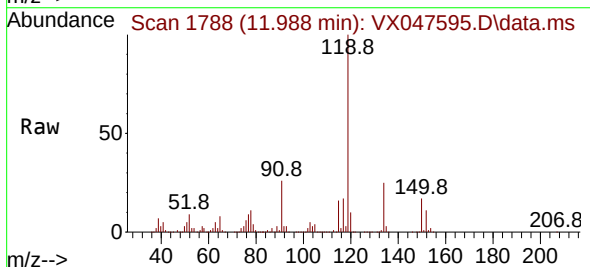
Tgt Ion:105 Resp: 215249
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
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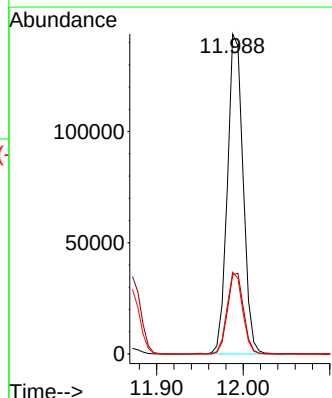
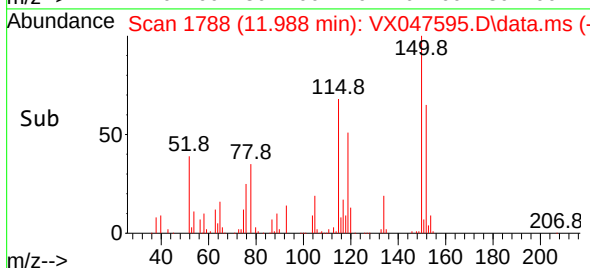
Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025

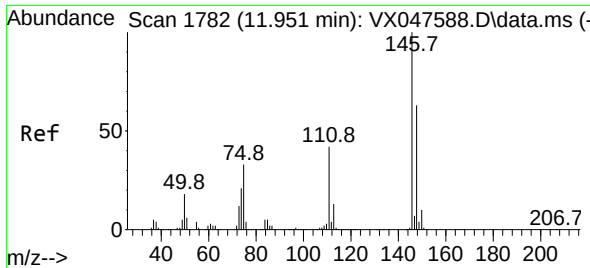


#86
 p-Isopropyltoluene
 Concen: 17.784 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047595.D
 Acq: 16 Sep 2025 15:21



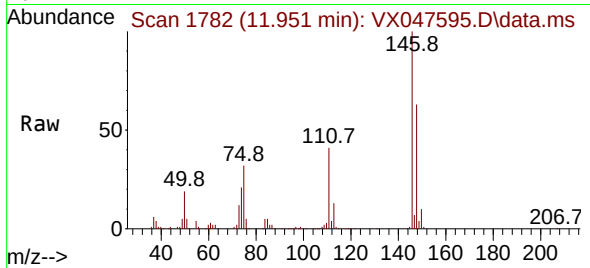
Tgt Ion:119 Resp: 180973
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.5 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 17.827 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

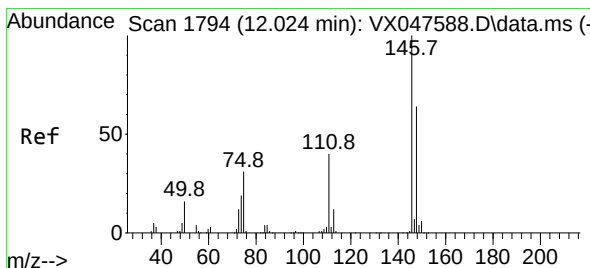
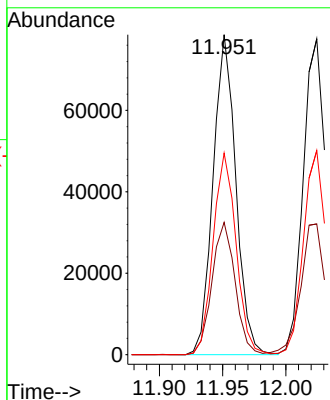
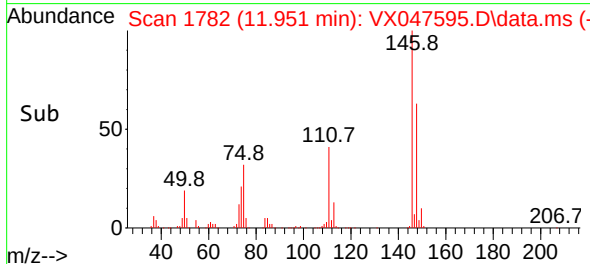
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



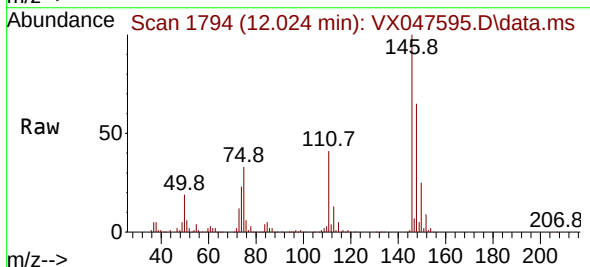
Tgt Ion:146 Resp: 9812
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 63.7 32.0 96.0

Manual Integrations
APPROVED

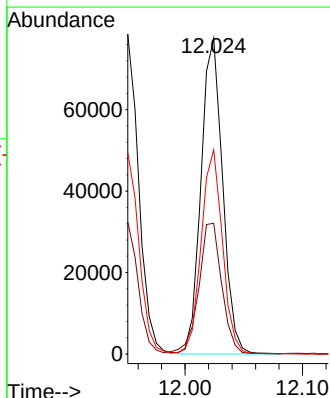
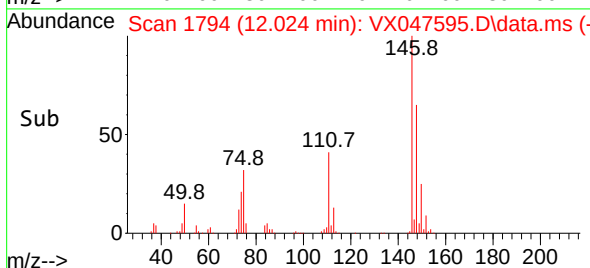
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

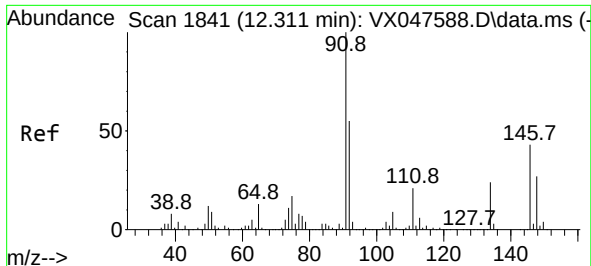


#88
1,4-Dichlorobenzene
Concen: 17.505 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



Tgt Ion:146 Resp: 98890
Ion Ratio Lower Upper
146 100
111 44.2 20.8 62.4
148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 17.988 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tgt Ion: 91 Resp: 169374

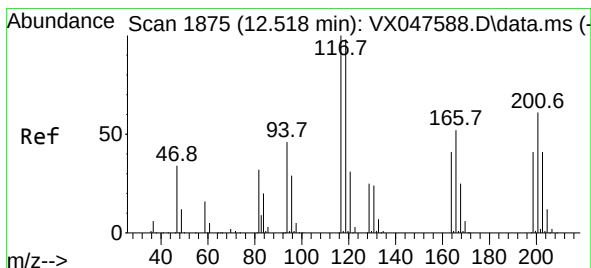
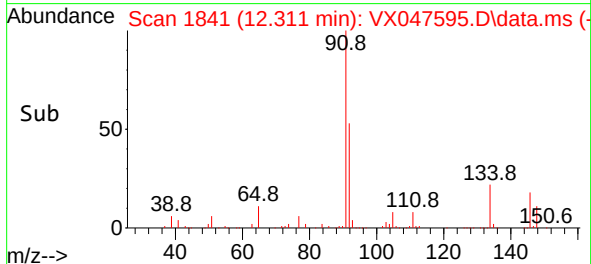
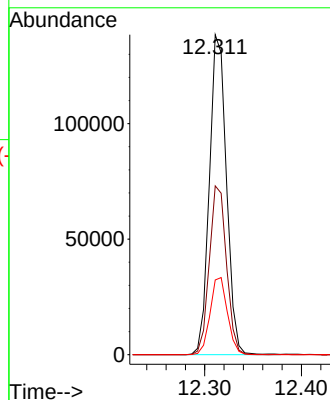
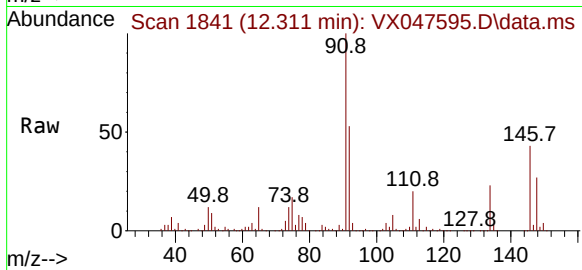
Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.6	82.7
134	24.5	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#90

Hexachloroethane

Concen: 17.210 ug/l

RT: 12.518 min Scan# 1875

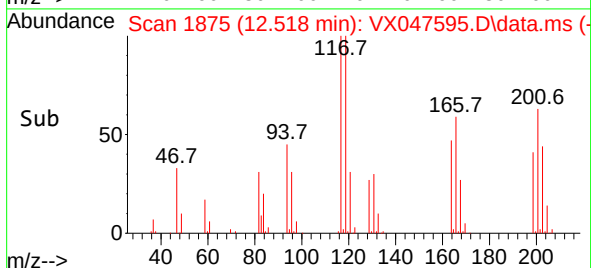
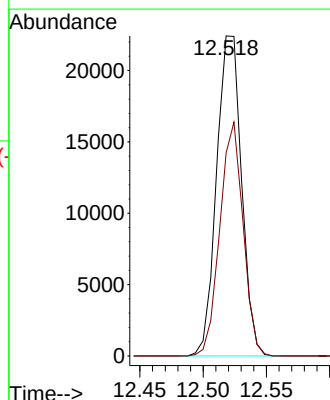
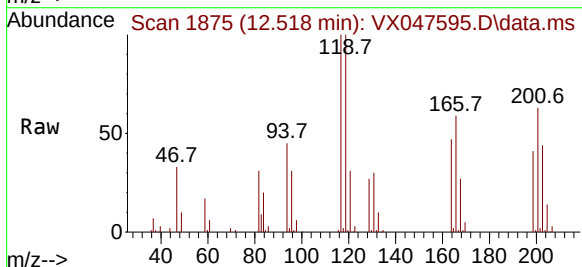
Delta R.T. 0.000 min

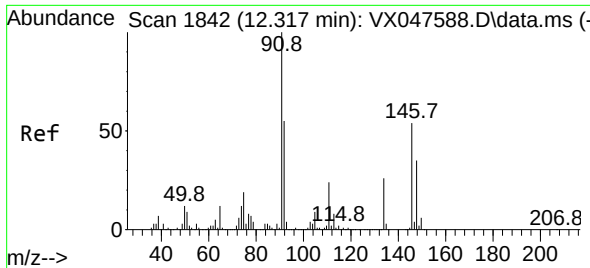
Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Tgt Ion:117 Resp: 30747

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.2	102.5





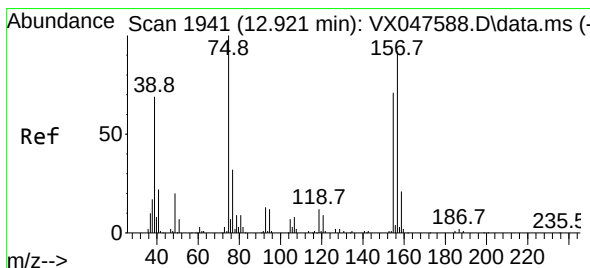
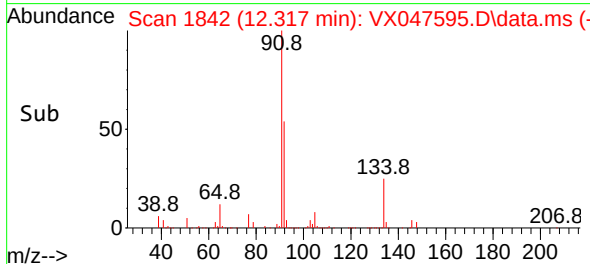
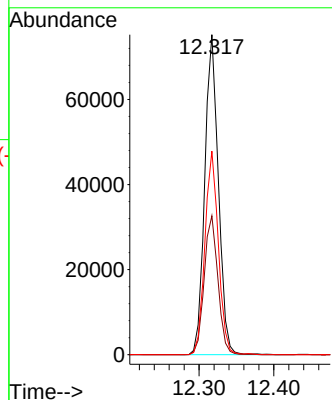
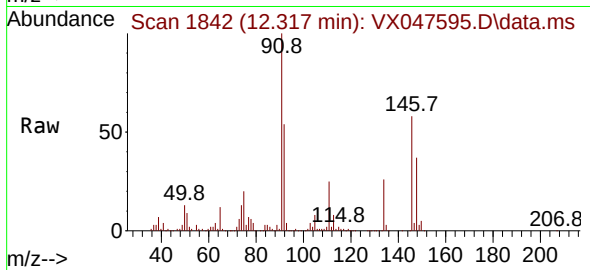
#91
1,2-Dichlorobenzene
Concen: 18.142 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	62.9	31.8	95.4

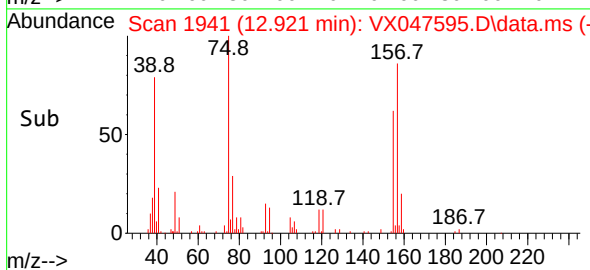
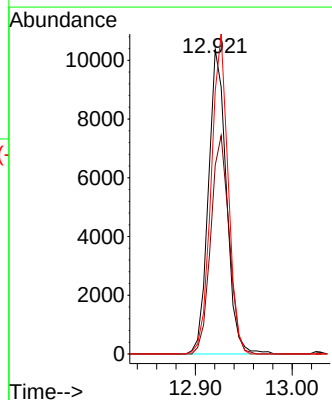
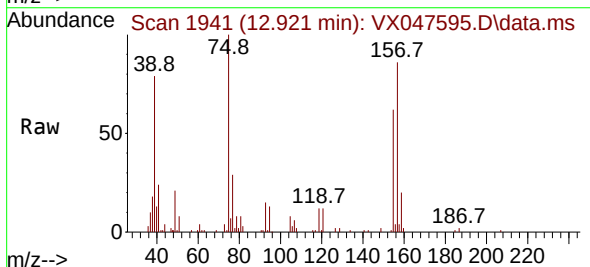
Manual Integrations
APPROVED

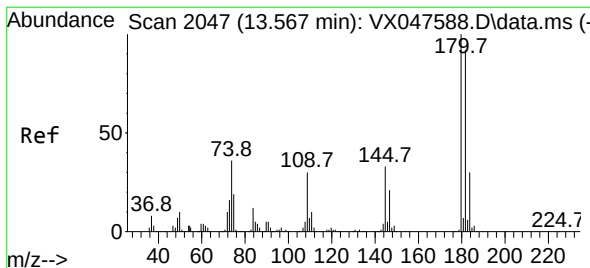
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.249 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.4	37.7	113.1
157	98.8	49.8	149.4





#93

1,2,4-Trichlorobenzene

Concen: 17.926 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

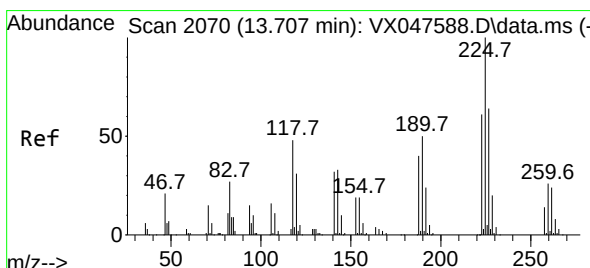
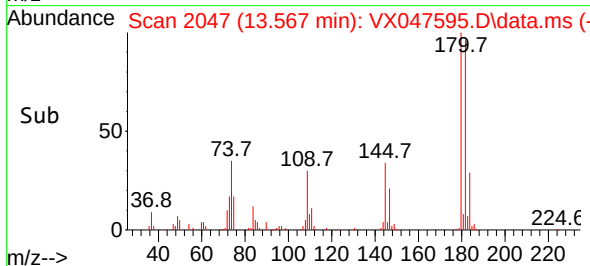
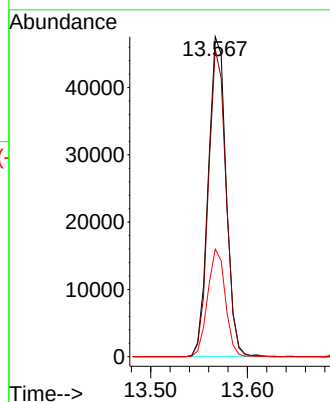
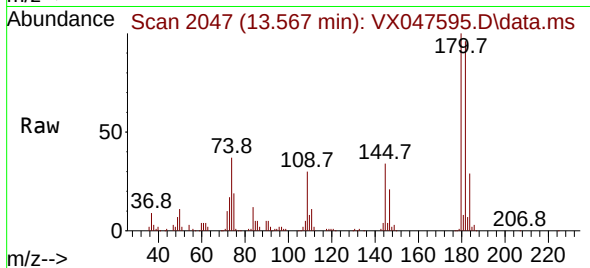
Tgt Ion:180	Resp: 6109
Ion Ratio	Lower Upper
180 100	
182 94.5	46.6 139.8
145 33.3	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#94

Hexachlorobutadiene

Concen: 17.579 ug/l

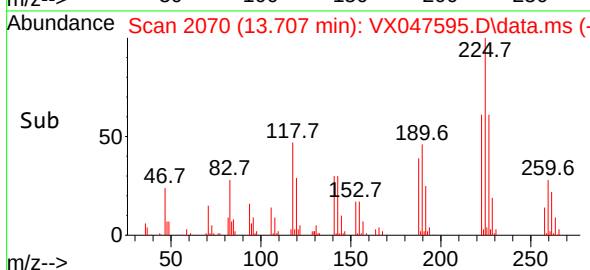
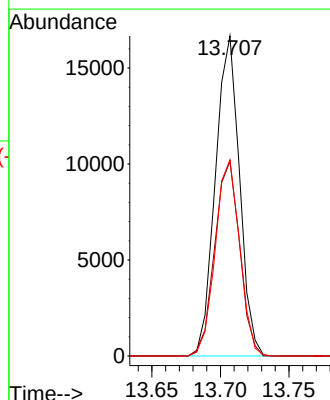
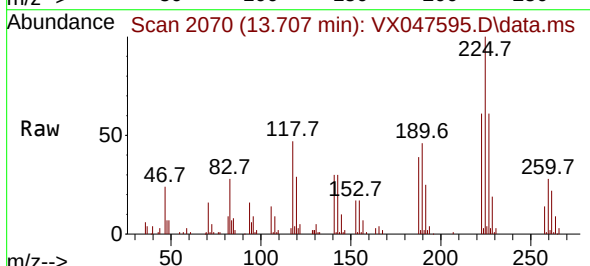
RT: 13.707 min Scan# 2070

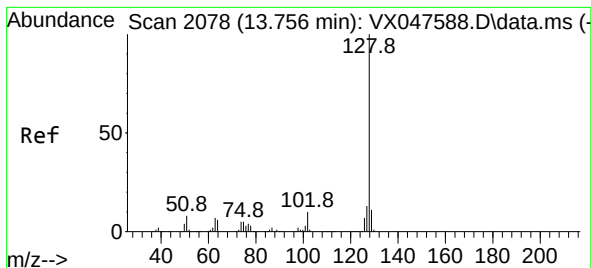
Delta R.T. 0.000 min

Lab File: VX047595.D

Acq: 16 Sep 2025 15:21

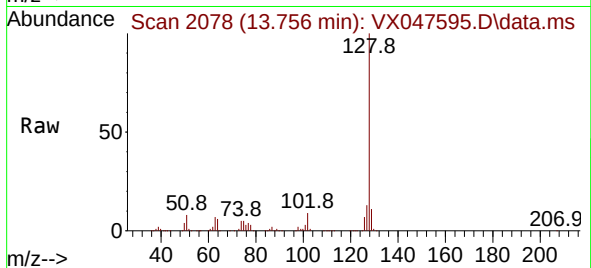
Tgt Ion:225	Resp: 20350
Ion Ratio	Lower Upper
225 100	
223 62.8	31.7 95.1
227 62.2	32.0 96.0





#95
Naphthalene
Concen: 17.754 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21

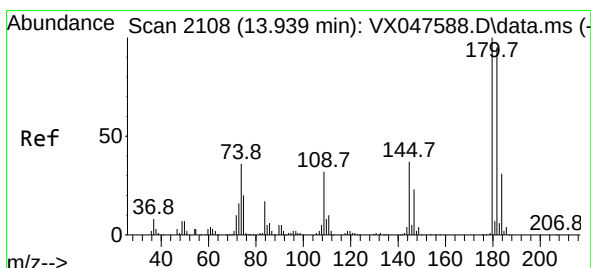
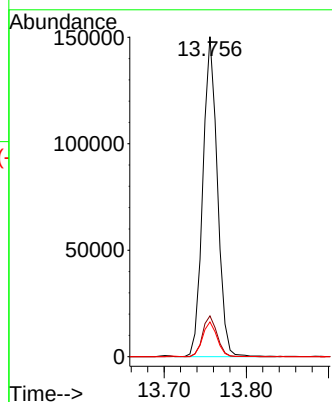
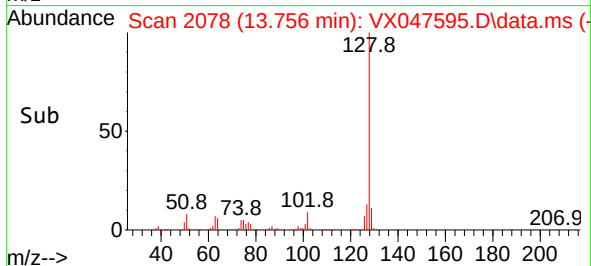
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01



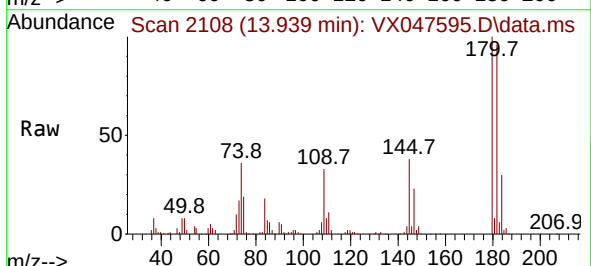
Tgt Ion:128 Resp: 18425
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.758 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047595.D
Acq: 16 Sep 2025 15:21



Tgt Ion:180 Resp: 56297
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.8
145 35.9 17.9 53.7

