

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045293.D
 Acq On : 14 Mar 2025 15:22
 Operator : JC/MD
 Sample : VX0314WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 15 03:59:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	15546	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	80769	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	76870	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	47556	31.496	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.000%	
60) 4-Bromofluorobenzene	11.079	95	44173	30.744	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.467%	
63) Toluene-d8	8.641	98	126647	29.781	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.267%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24170	18.443	ug/l	98
3) Chloromethane	1.301	50	26066	16.606	ug/l	100
4) Vinyl Chloride	1.374	62	23588	15.574	ug/l	99
5) Bromomethane	1.593	94	10755	20.399	ug/l	99
6) Chloroethane	1.666	64	12629	15.395	ug/l	94
7) Trichlorofluoromethane	1.874	101	35817	17.595	ug/l	98
8) Diethyl Ether	2.130	74	11933	15.493	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	22953	18.984	ug/l	97
10) 1,1-Dichloroethene	2.306	96	21585	18.278	ug/l	86
11) Methyl Iodide	2.441	142	25552	19.117	ug/l	98
12) Methyl Acetate	2.697	43	36614	26.699	ug/l	97
13) Acrolein	2.233	56	27711	100.812	ug/l	99
14) Acrylonitrile	3.056	53	68425	102.150	ug/l	99
15) Acetone	2.380	58	20453	111.332	ug/l	90
16) Carbon Disulfide	2.502	76	50534m	15.086	ug/l	
17) Allyl chloride	2.654	41	38710	17.525	ug/l	94
18) Methylene Chloride	2.782	84	24553	18.485	ug/l	96
19) trans-1,2-Dichloroethene	3.081	96	20842	17.444	ug/l	96
20) Diisopropyl ether	3.757	45	76188	17.950	ug/l	88
21) 1,1-Dichloroethane	3.605	63	44091	18.678	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	26300	18.369	ug/l	99
23) tert-Butyl Alcohol	2.971	59	20144	86.142	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	70231	18.221	ug/l	96
25) Chloroform	5.080	83	43989	19.293	ug/l	98
26) Cyclohexane	5.458	56	38170	17.518	ug/l #	99
29) 1,1-Dichloropropene	5.678	75	28106	18.917	ug/l	100
30) 2-Butanone	4.550	43	96464	112.407	ug/l	98
31) 2,2-Dichloropropane	4.465	77	28902	17.203	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	34733	19.294	ug/l	97
33) Carbon Tetrachloride	5.672	117	29661	19.523	ug/l	97
34) Benzene	6.025	78	90227	19.365	ug/l	97
35) Methacrylonitrile	4.916	41	19399	21.124	ug/l	95
36) 1,2-Dichloroethane	6.080	62	34119	21.389	ug/l	96
37) Trichloroethene	7.117	130	20606	18.904	ug/l	96
38) Methylcyclohexane	7.373	83	37543	18.819	ug/l	99
39) 1,2-Dichloropropane	7.427	63	22700	19.597	ug/l	98
40) Dibromomethane	7.580	93	17043	20.503	ug/l	96
41) Bromodichloromethane	7.818	83	33099	20.034	ug/l	98
42) Vinyl Acetate	3.715	43	312048	93.704	ug/l	99

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Manual Integrations
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Quant Time: Mar 15 03:59:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	32219	20.020	ug/l	95
44) Isopropyl Acetate	6.336	43	52666	19.883	ug/l	97
45) 1,4-Dioxane	7.659	88	9428	342.398	ug/l	96
46) Methyl methacrylate	7.690	41	27400	21.096	ug/l	95
47) n-amyl Acetate	10.841	43	44905	19.537	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	27508	17.274	ug/l	92
49) cis-1,3-Dichloropropene	8.360	75	32980	18.295	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	21205	19.557	ug/l	96
51) Ethyl methacrylate	9.116	69	33498	19.644	ug/l	98
52) 1,3-Dichloropropane	9.305	76	38391	20.208	ug/l	100
53) Dibromochloromethane	9.519	129	23199	19.346	ug/l	97
54) 1,2-Dibromoethane	9.604	107	22351	20.301	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	88703	101.295	ug/l	99
56) Bromoform	10.799	173	14421	19.191	ug/l	96
58) 4-Methyl-2-Pentanone	8.568	43	183409	104.887	ug/l	99
59) 2-Hexanone	9.427	43	137679	108.930	ug/l	99
61) Tetrachloroethene	9.269	164	17641	18.637	ug/l	92
62) Toluene	8.714	91	95024	18.661	ug/l	98
64) Chlorobenzene	10.073	112	58366	18.497	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	19291	18.528	ug/l	99
66) Ethyl Benzene	10.189	91	103839	18.626	ug/l	96
67) m/p-Xylenes	10.299	106	78640	37.860	ug/l	99
68) o-Xylene	10.640	106	37584	18.442	ug/l	96
69) Styrene	10.652	104	64261	18.879	ug/l	99
70) Isopropylbenzene	10.957	105	101919	19.379	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	35862	20.736	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	29223m	20.544	ug/l	
73) Bromobenzene	11.195	156	23609	19.500	ug/l	99
74) n-propylbenzene	11.299	91	119027	19.018	ug/l	100
75) 2-Chlorotoluene	11.360	91	72536	19.171	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	84806	19.546	ug/l	100
77) t-1,4-Dichloro-2-butene	11.012	75	7992	16.700	ug/l	78
78) 4-Chlorotoluene	11.451	91	80945	19.191	ug/l	97
79) tert-butylbenzene	11.713	119	84533	19.337	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	82957	19.087	ug/l	100
81) sec-Butylbenzene	11.884	105	106811	19.468	ug/l	99
82) p-Isopropyltoluene	12.006	119	85974	19.340	ug/l	99
83) 1,3-Dichlorobenzene	11.963	146	41657	18.492	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	41957	18.890	ug/l	98
85) n-Butylbenzene	12.329	91	75810	18.675	ug/l	98
86) Hexachloroethane	12.536	117	14252	18.178	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	42657	19.299	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6851	20.460	ug/l	91
89) 1,2,4-Trichlorobenzene	13.585	180	23476	17.525	ug/l	99
90) Hexachlorobutadiene	13.719	225	10796	19.762	ug/l	99
91) Naphthalene	13.774	128	87097	18.439	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	24804	17.985	ug/l	98

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

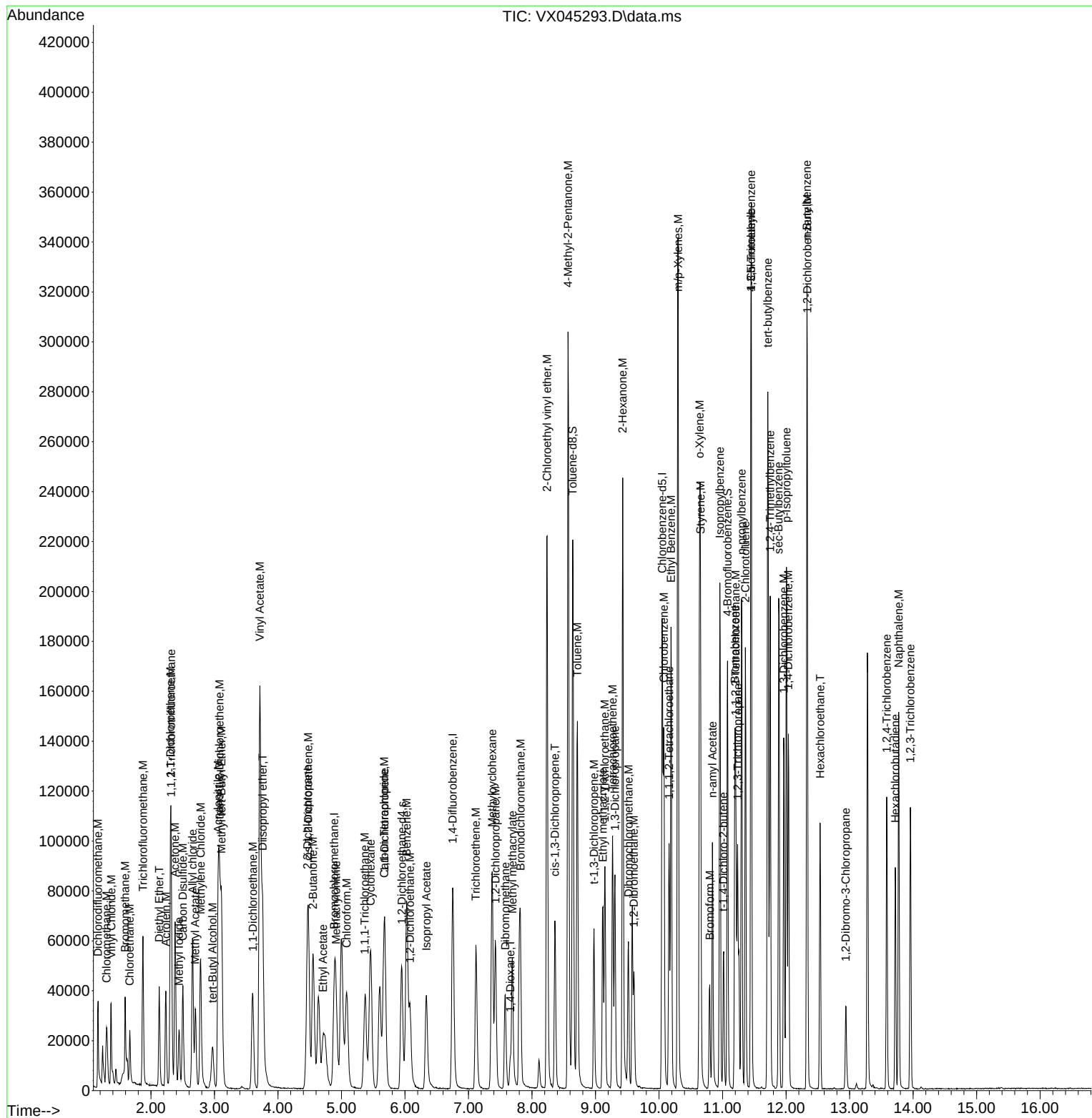
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
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 ALS Vial : 10 Sample Multiplier: 1

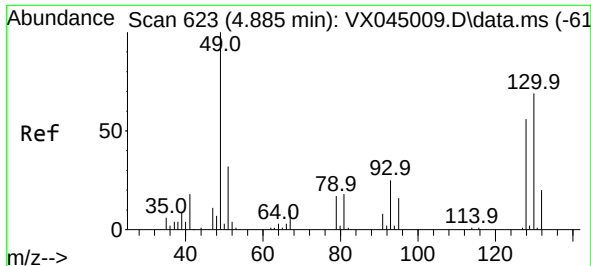
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD01

Manual Integrations APPROVED

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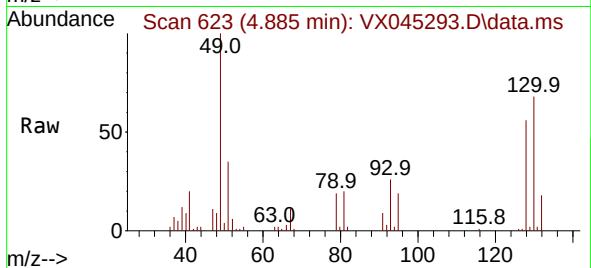
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

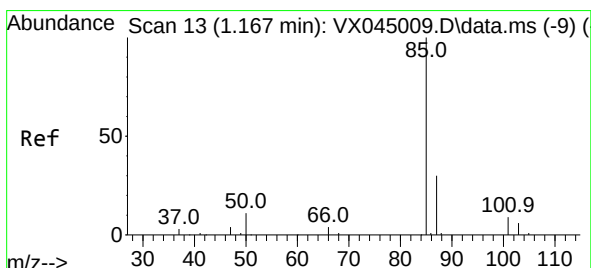
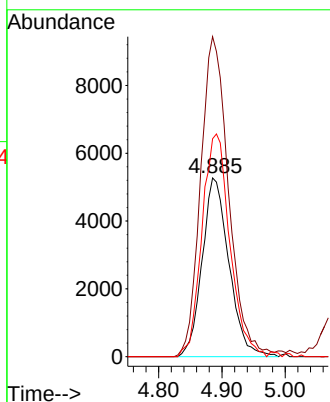
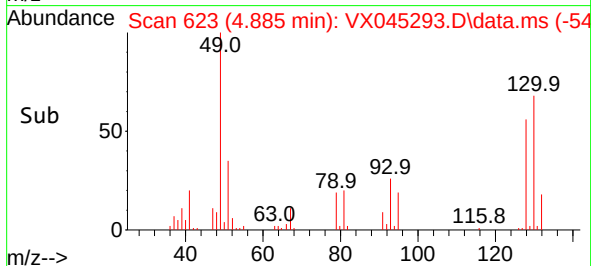
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:128 Resp: 15540
Ion Ratio Lower Upper
128 100
49 185.4 0.0 449.7
130 129.2 0.0 312.7

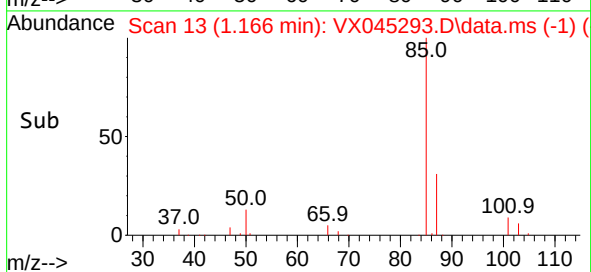
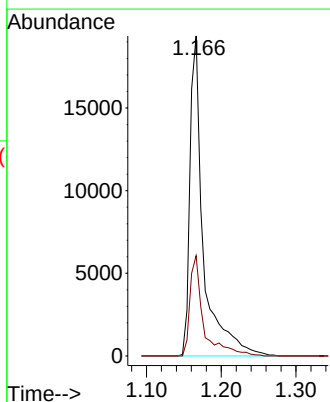
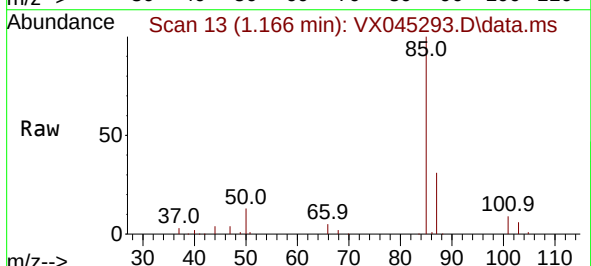
Manual Integrations
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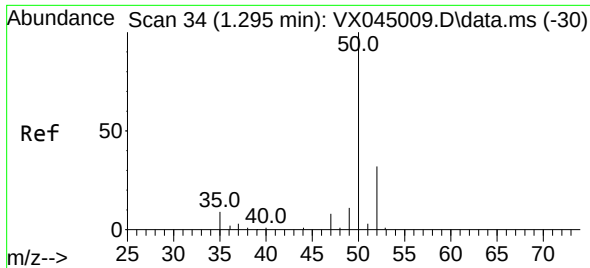
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#2
Dichlorodifluoromethane
Concen: 18.443 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 85 Resp: 24170
Ion Ratio Lower Upper
85 100
87 31.3 15.1 45.3





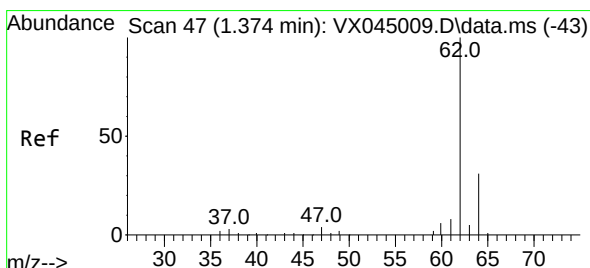
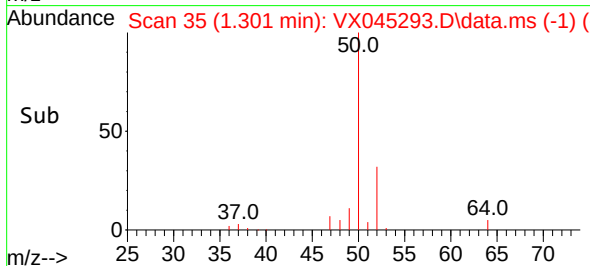
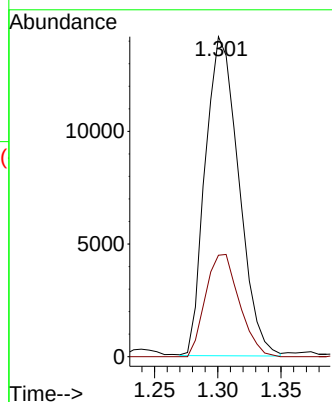
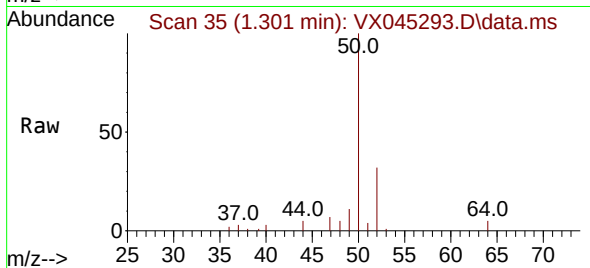
#3
Chloromethane
Concen: 16.606 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 50 Resp: 2606
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5

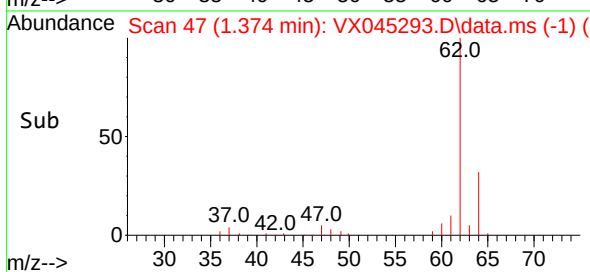
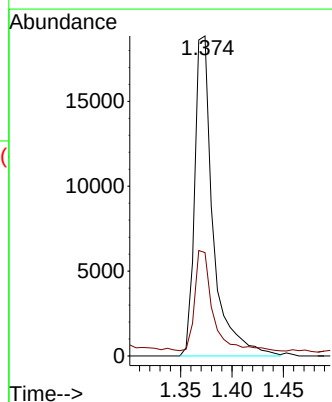
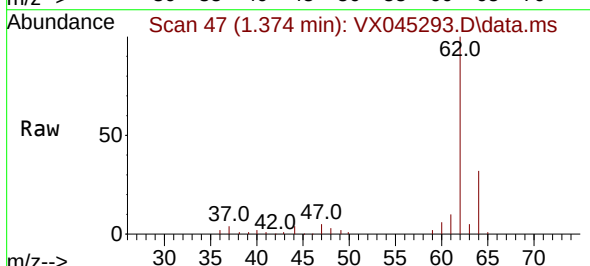
Manual Integrations
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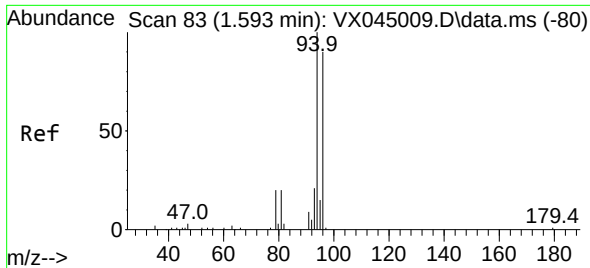
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#4
Vinyl Chloride
Concen: 15.574 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

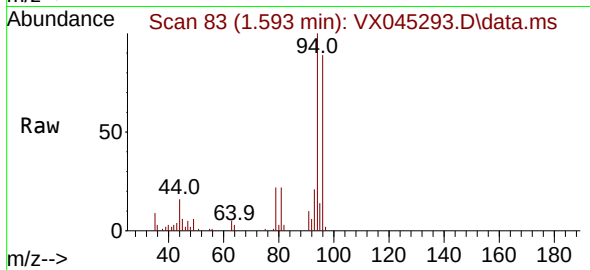
Tgt Ion: 62 Resp: 23588
Ion Ratio Lower Upper
62 100
64 30.7 25.1 37.7





#5
Bromomethane
Concen: 20.399 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

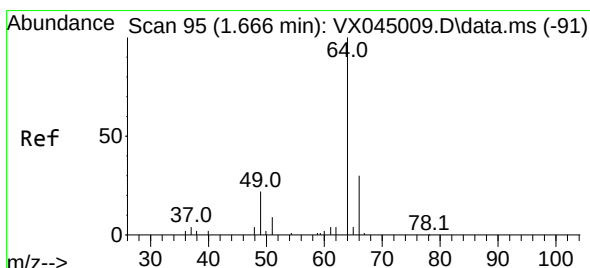
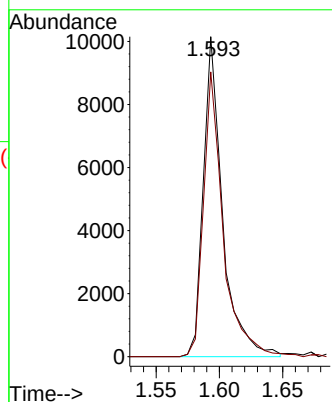
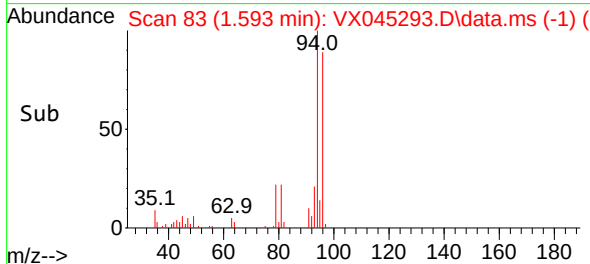
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 94 Resp: 1075
Ion Ratio Lower Upper
94 100
96 89.0 72.2 108.4

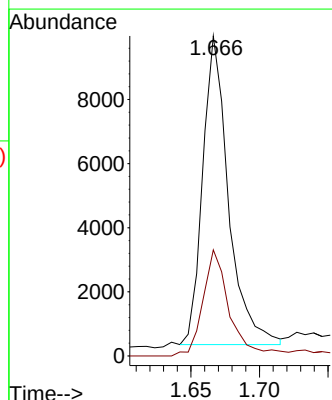
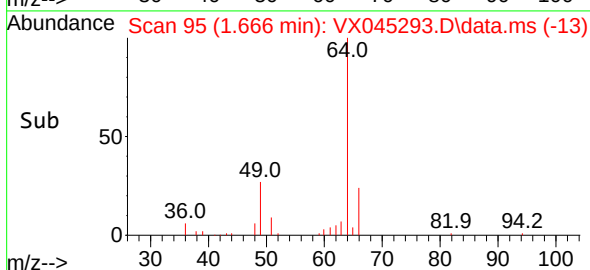
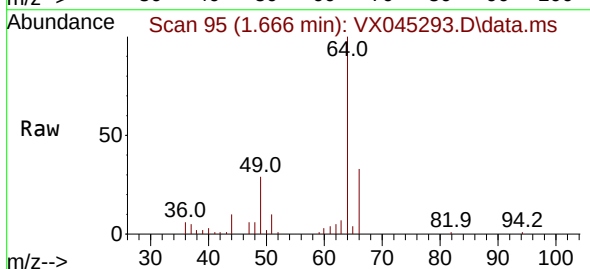
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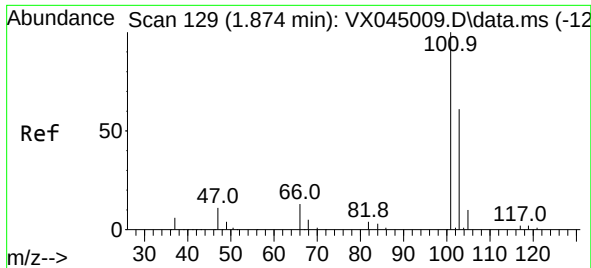
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#6
Chloroethane
Concen: 15.395 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 64 Resp: 12629
Ion Ratio Lower Upper
64 100
66 33.1 23.7 35.5





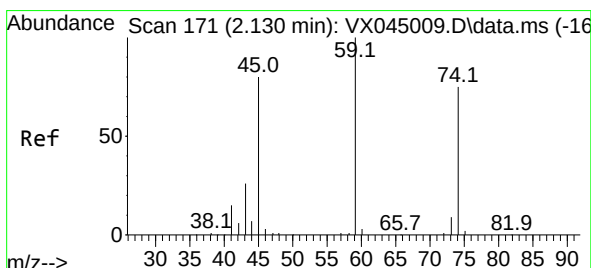
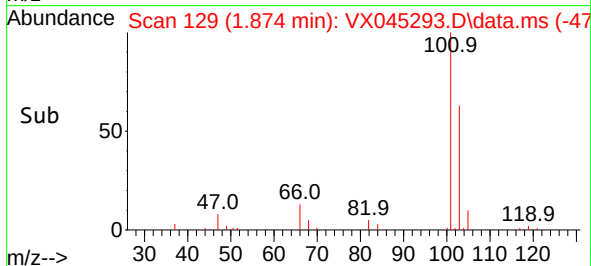
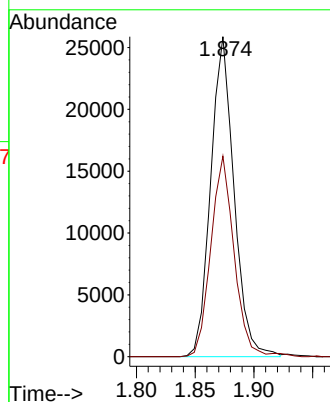
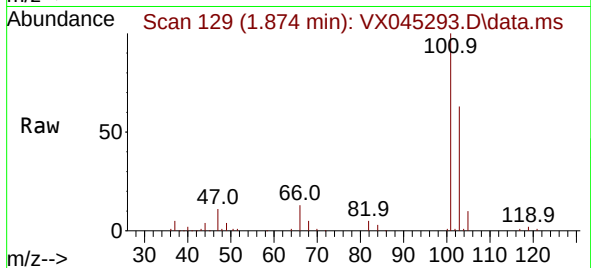
#7
Trichlorofluoromethane
Concen: 17.595 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion:101 Resp: 3581
Ion Ratio Lower Upper
101 100
103 62.7 48.8 73.2

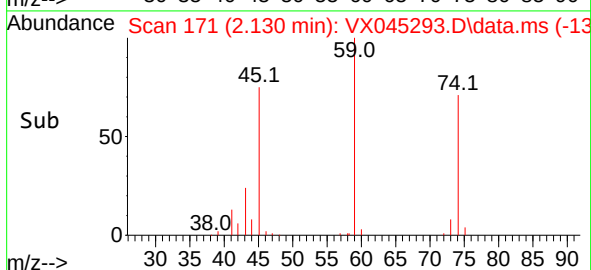
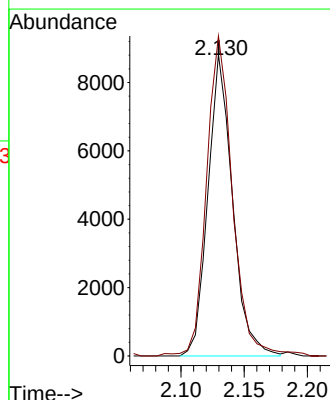
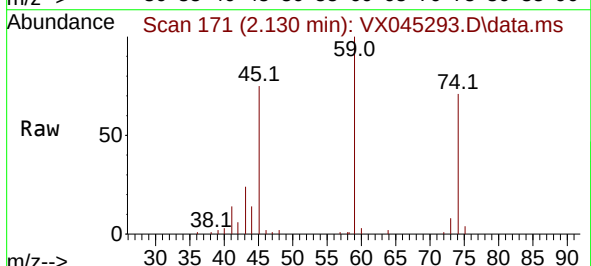
Manual Integrations
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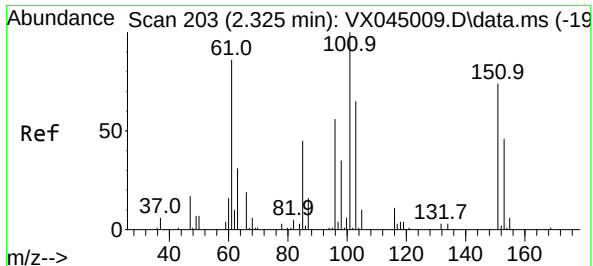
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#8
Diethyl Ether
Concen: 15.493 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 74 Resp: 11933
Ion Ratio Lower Upper
74 100
45 111.6 20.8 186.8





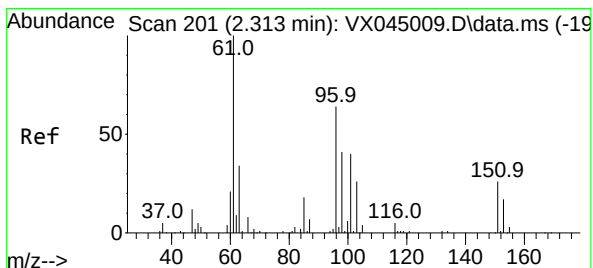
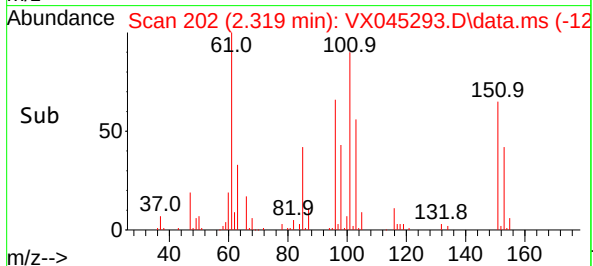
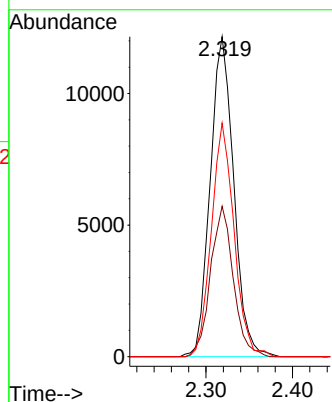
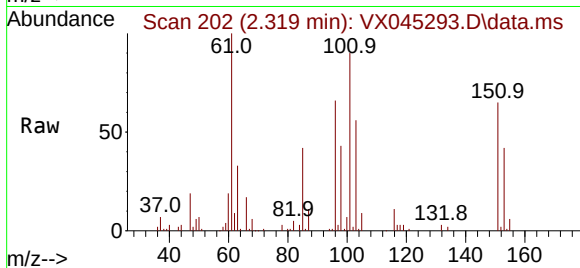
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.984 ug/l
RT: 2.319 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 2295
Ion Ratio Lower Upper
101 100
85 45.6 0.0 90.6
151 70.1 0.0 147.6

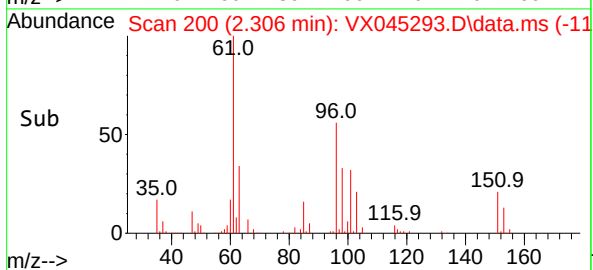
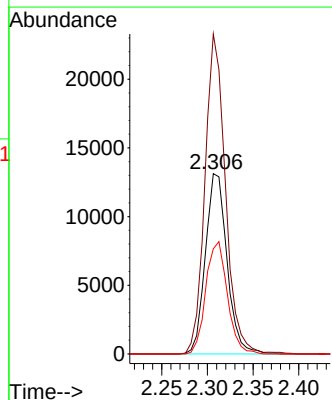
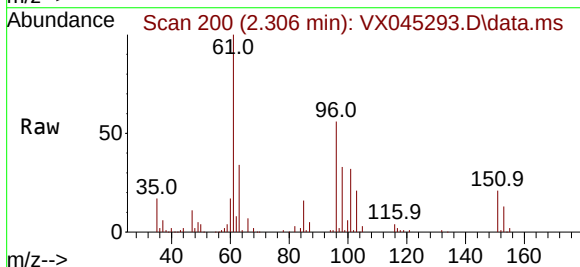
Manual Integrations
APPROVED

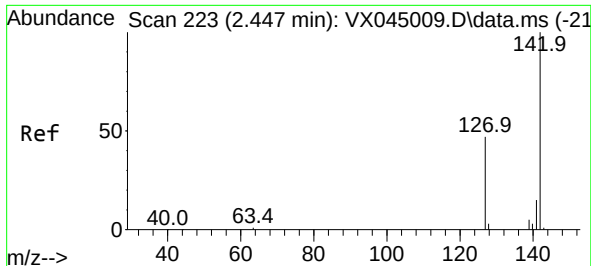
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#10
1,1-Dichloroethene
Concen: 18.278 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

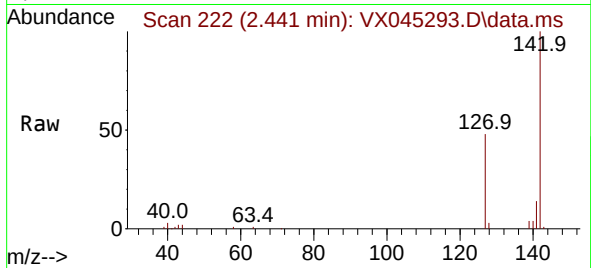
Tgt Ion: 96 Resp: 21585
Ion Ratio Lower Upper
96 100
61 177.5 124.2 186.2
98 58.3 51.1 76.7





#11
Methyl Iodide
Concen: 19.117 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

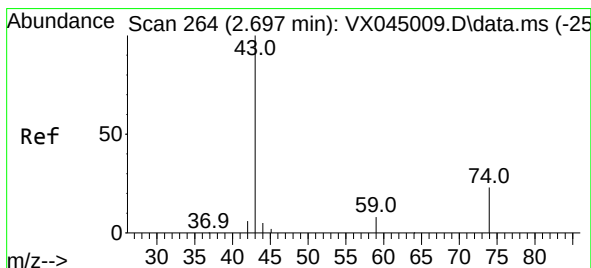
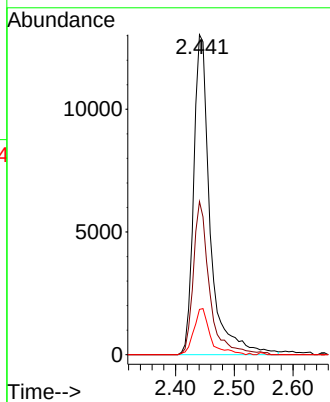
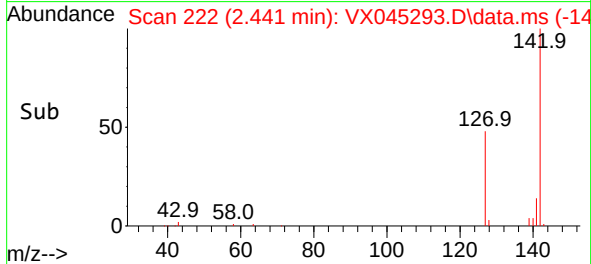
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:142 Resp: 25552
Ion Ratio Lower Upper
142 100
127 48.1 23.3 69.9
141 14.2 7.5 22.6

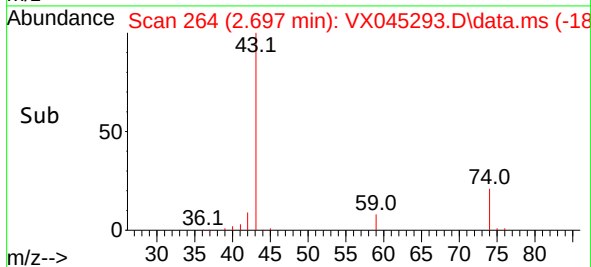
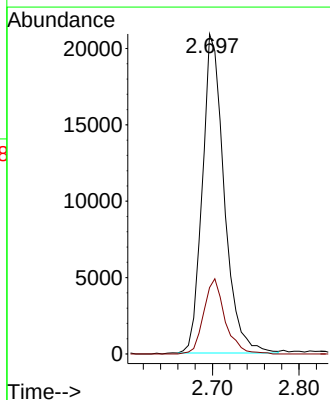
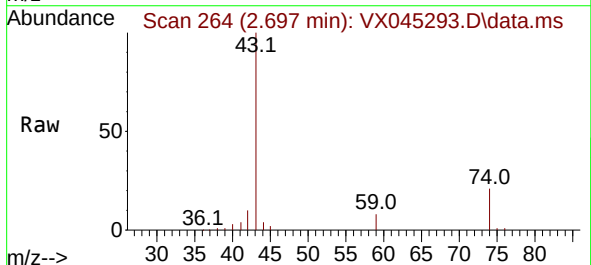
Manual Integrations
APPROVED

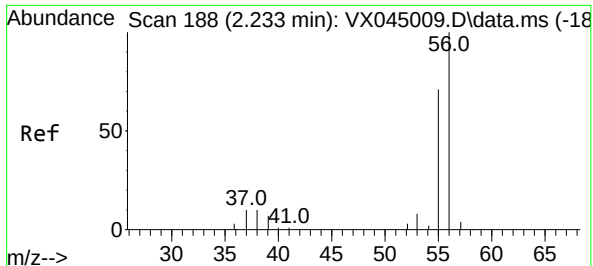
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#12
Methyl Acetate
Concen: 26.699 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

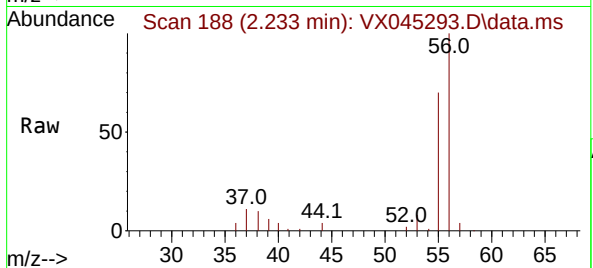
Tgt Ion: 43 Resp: 36614
Ion Ratio Lower Upper
43 100
74 20.9 17.9 26.9





#13
Acrolein
Concen: 100.812 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

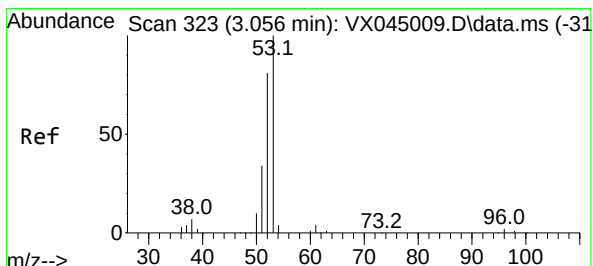
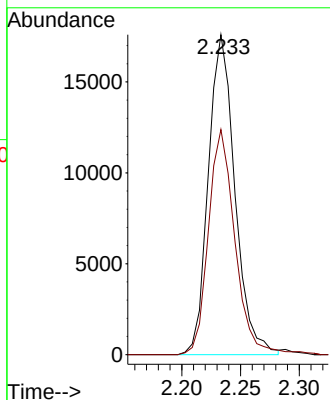
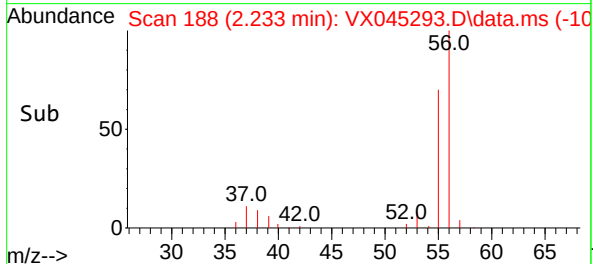
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 56 Resp: 2771
Ion Ratio Lower Upper
56 100
55 70.0 55.4 83.2

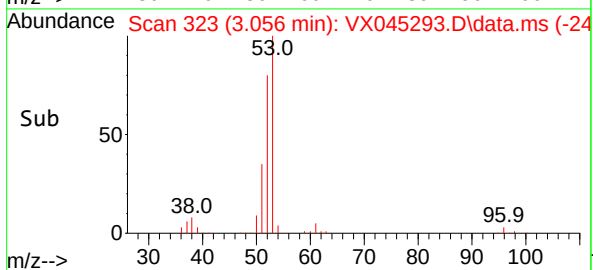
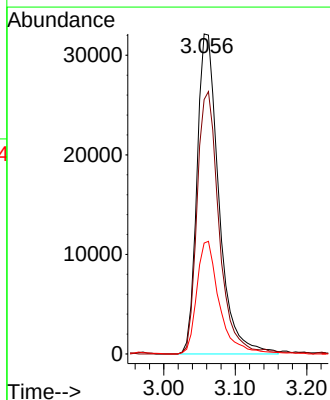
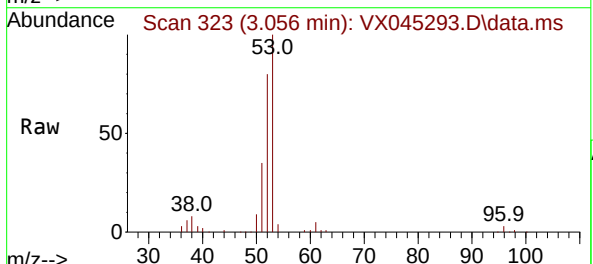
Manual Integrations
APPROVED

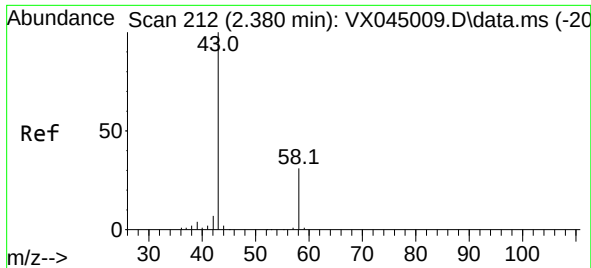
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#14
Acrylonitrile
Concen: 102.150 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

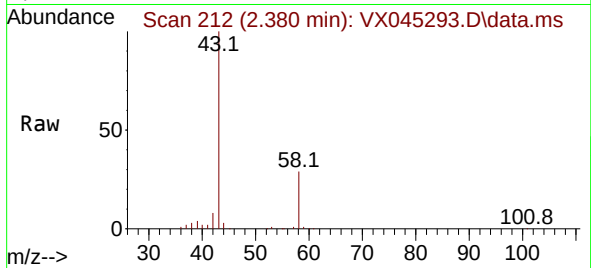
Tgt Ion: 53 Resp: 68425
Ion Ratio Lower Upper
53 100
52 81.5 40.9 122.8
51 36.5 18.0 54.0





#15
Acetone
Concen: 111.332 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

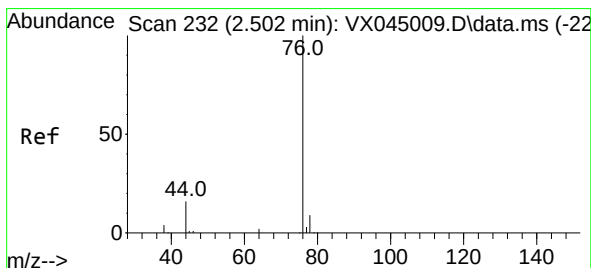
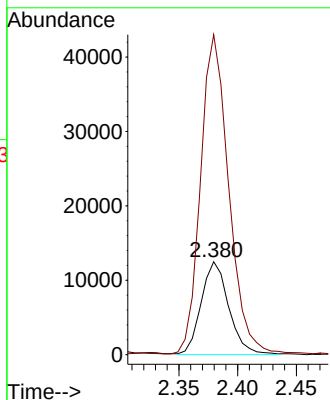
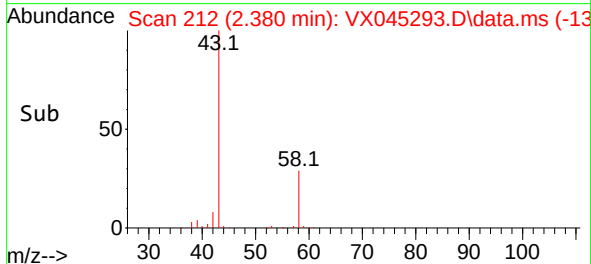
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



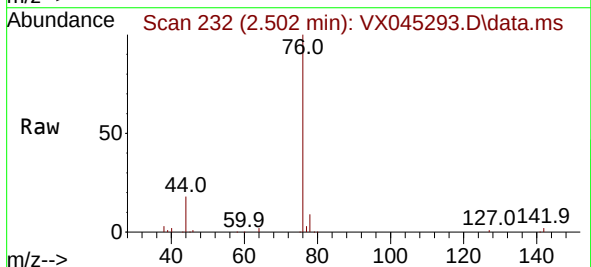
Tgt Ion: 58 Resp: 2045
Ion Ratio Lower Upper
58 100
43 344.7 258.6 388.0

Manual Integrations
APPROVED

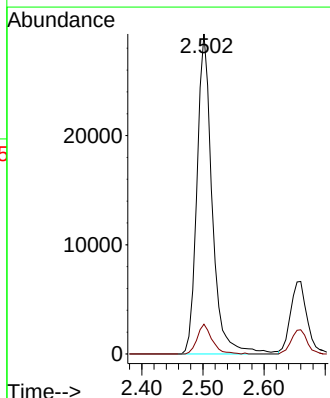
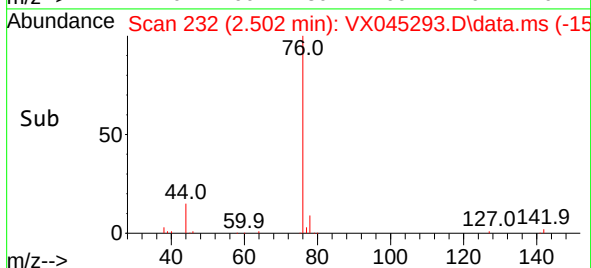
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

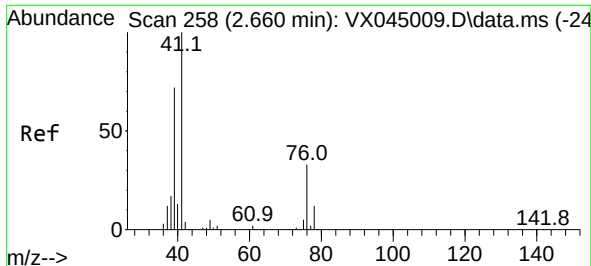


#16
Carbon Disulfide
Concen: 15.086 ug/l m
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22



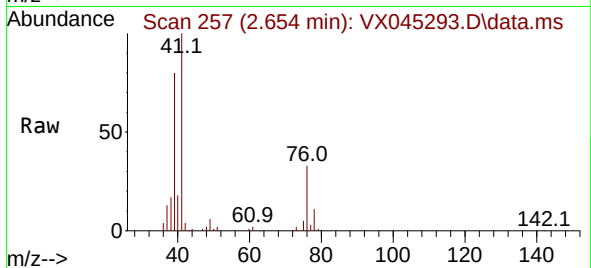
Tgt Ion: 76 Resp: 50534
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#17
 Allyl chloride
 Concen: 17.525 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045293.D
 Acq: 14 Mar 2025 15:22

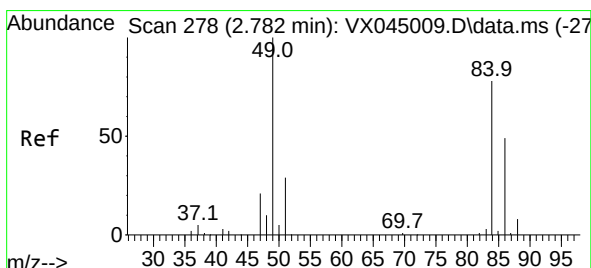
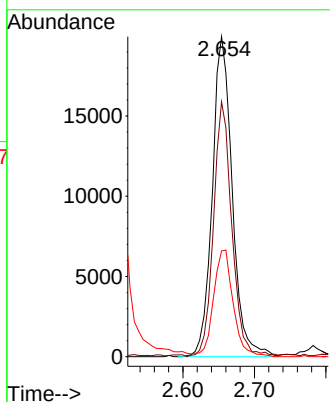
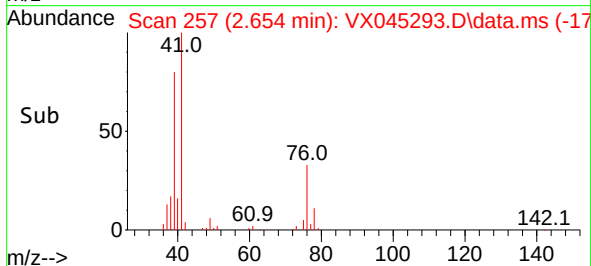
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD01



Tgt Ion: 41 Resp: 38710
 Ion Ratio Lower Upper
 41 100
 39 79.2 36.2 108.6
 76 33.1 17.2 51.5

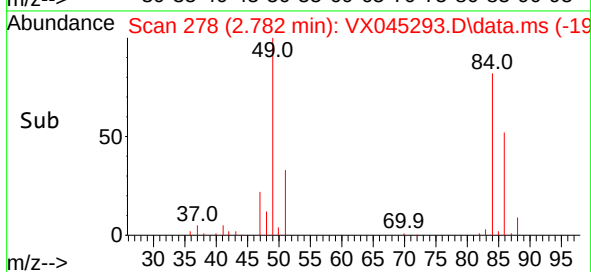
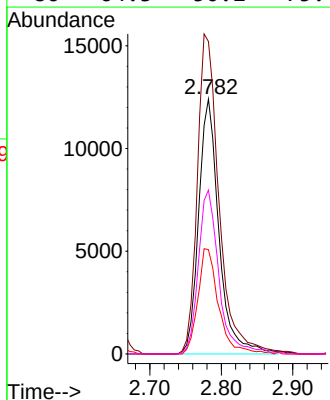
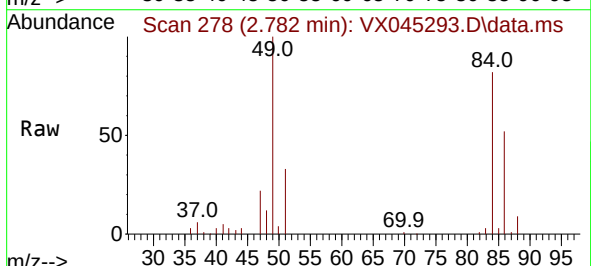
Manual Integrations
 APPROVED

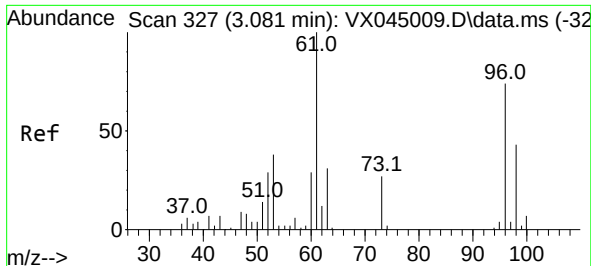
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#18
 Methylene Chloride
 Concen: 18.485 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045293.D
 Acq: 14 Mar 2025 15:22

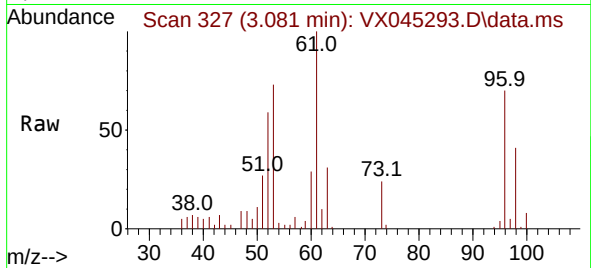
Tgt Ion: 84 Resp: 24553
 Ion Ratio Lower Upper
 84 100
 49 122.6 102.8 154.2
 51 40.9 30.1 45.1
 86 64.3 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 17.444 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

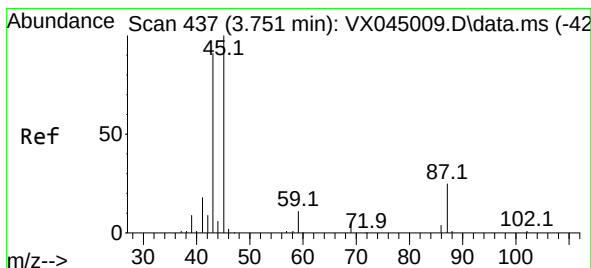
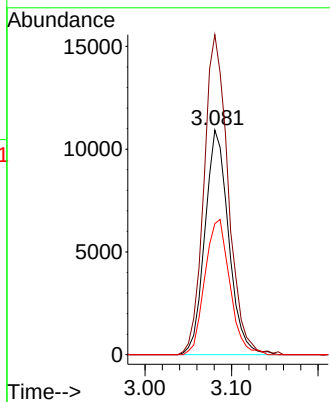
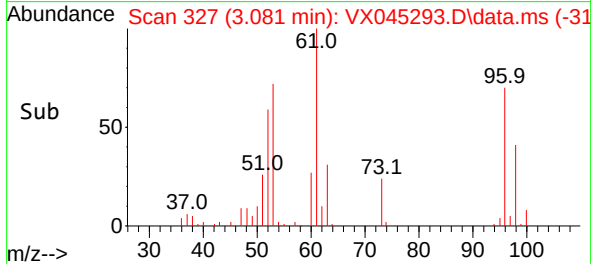
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 96 Resp: 2084
Ion Ratio Lower Upper
96 100
61 142.5 108.6 163.0
98 58.3 46.5 69.7

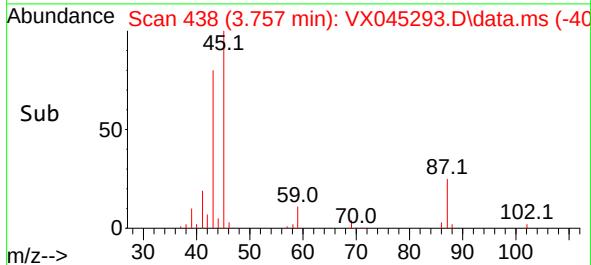
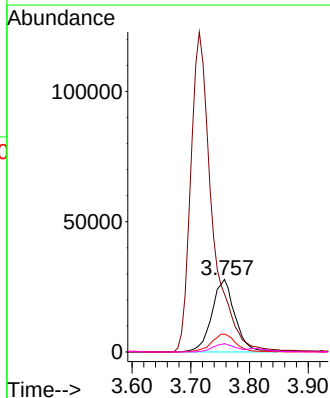
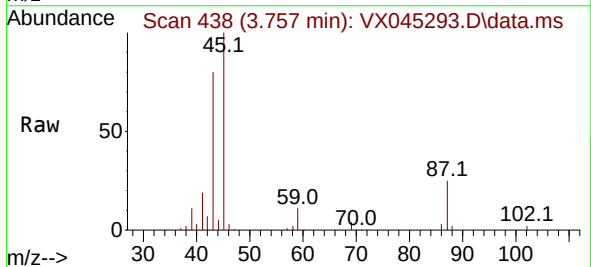
Manual Integrations
APPROVED

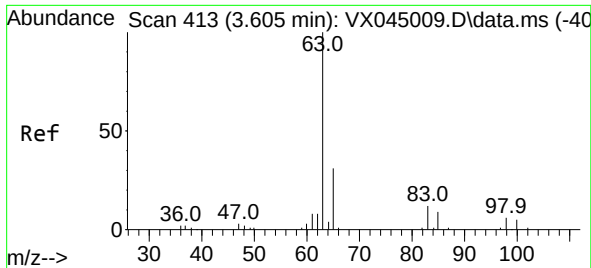
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Diisopropyl ether
Concen: 17.950 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 45 Resp: 76188
Ion Ratio Lower Upper
45 100
43 76.9 74.4 111.6
87 24.8 19.8 29.8
59 11.4 9.0 13.4





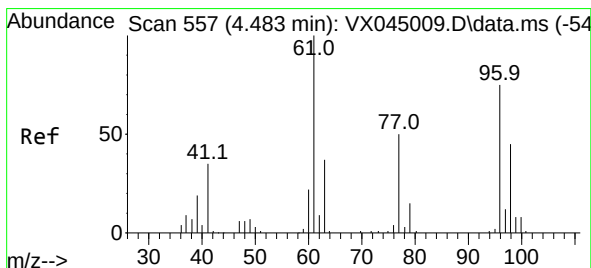
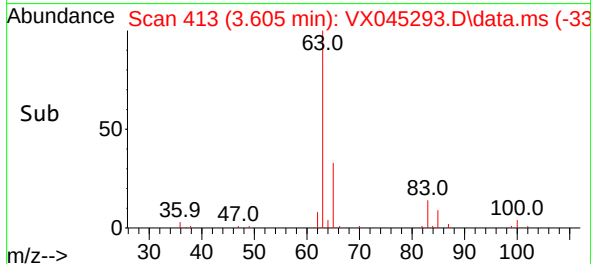
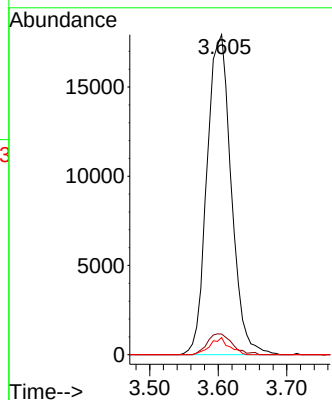
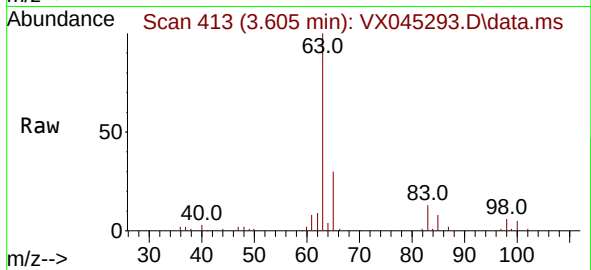
#21
1,1-Dichloroethane
Concen: 18.678 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 63 Resp: 4409
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.8
100 5.4 2.4 7.1

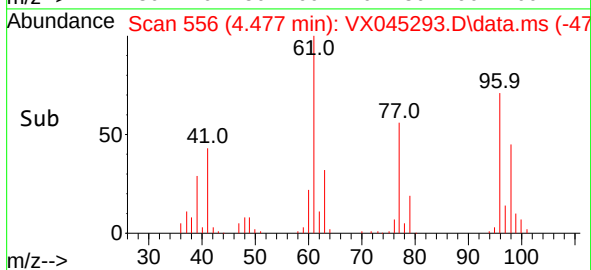
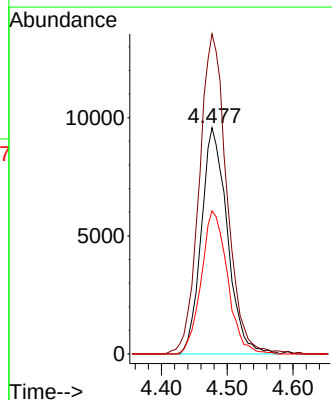
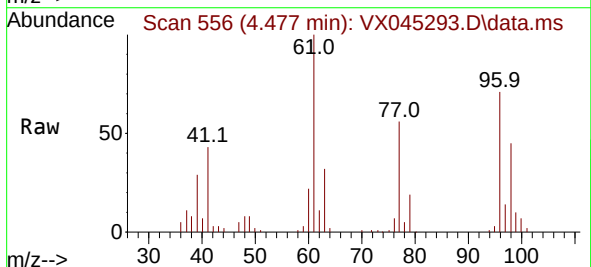
Manual Integrations
APPROVED

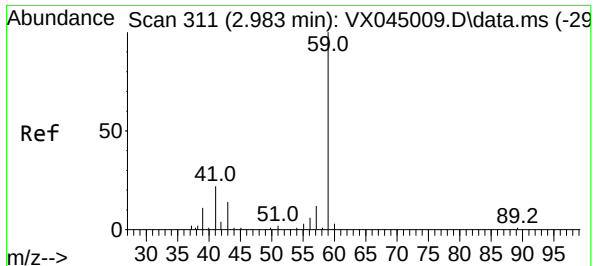
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#22
cis-1,2-Dichloroethene
Concen: 18.369 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 96 Resp: 26300
Ion Ratio Lower Upper
96 100
61 149.4 118.9 178.3
98 63.9 50.7 76.1





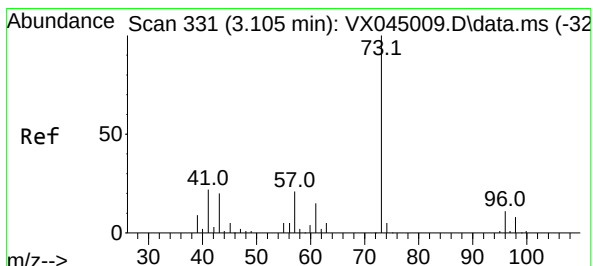
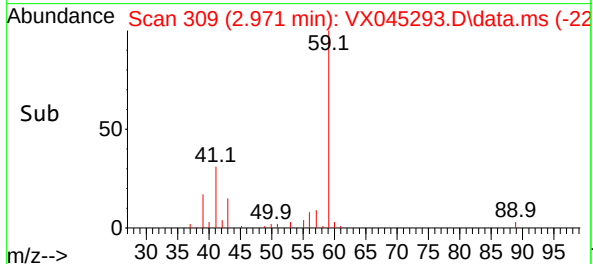
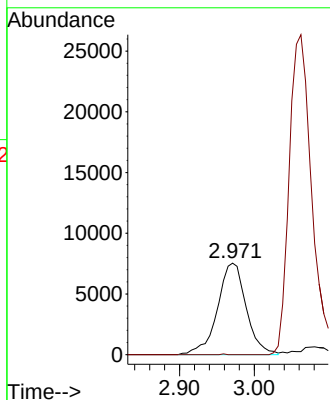
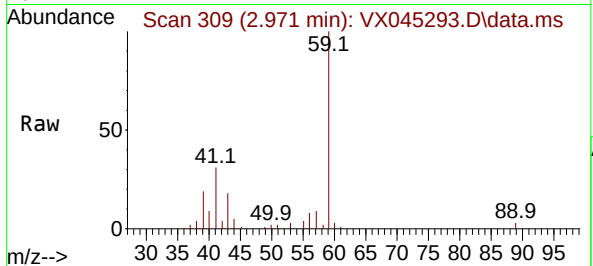
#23
tert-Butyl Alcohol
Concen: 86.142 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 59 Resp: 20144
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

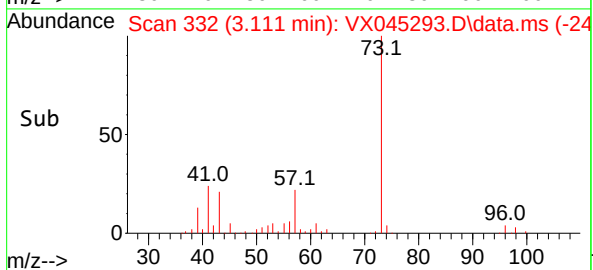
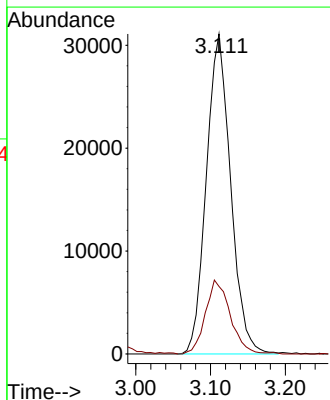
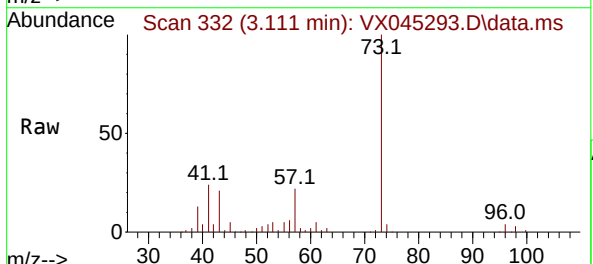
Manual Integrations
APPROVED

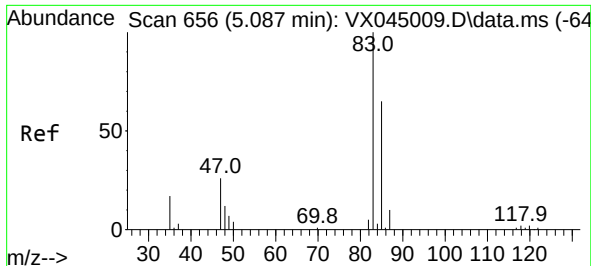
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#24
Methyl tert-Butyl Ether
Concen: 18.221 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 73 Resp: 70231
Ion Ratio Lower Upper
73 100
43 23.5 17.4 26.0





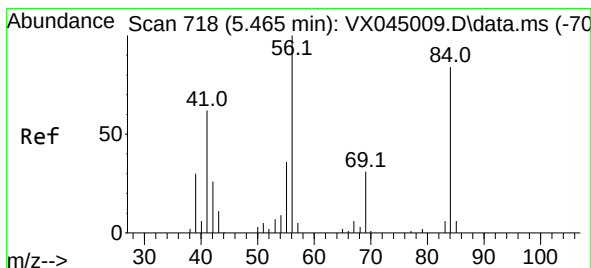
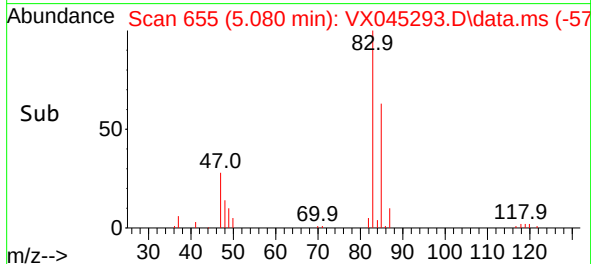
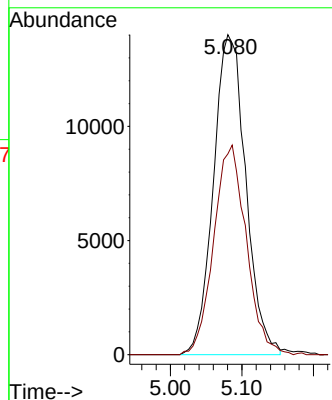
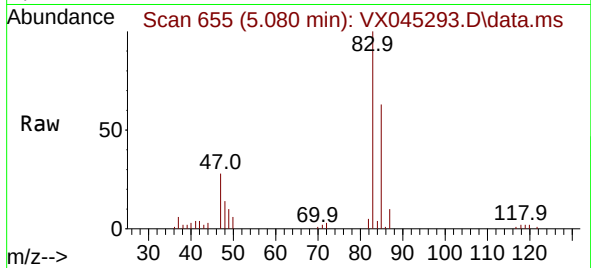
#25
Chloroform
Concen: 19.293 ug/l
RT: 5.080 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 83 Resp: 43989
Ion Ratio Lower Upper
83 100
85 62.7 51.7 77.5

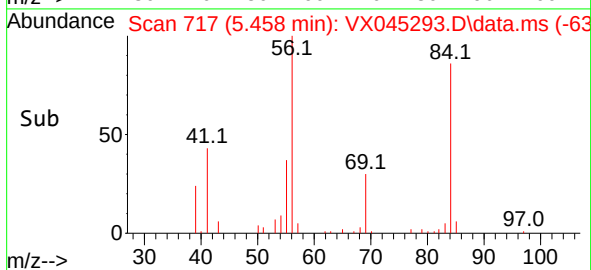
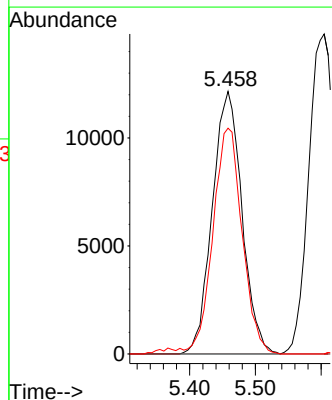
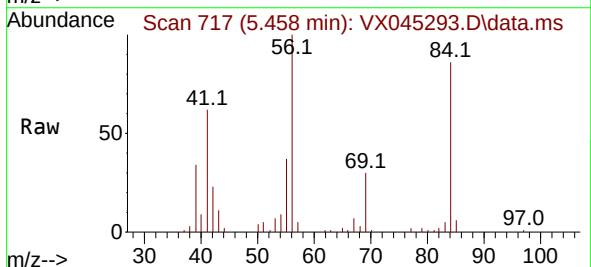
Manual Integrations
APPROVED

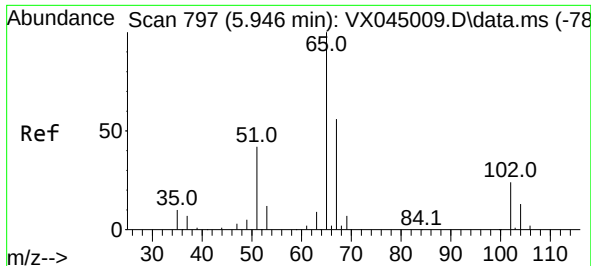
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
Cyclohexane
Concen: 17.518 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 56 Resp: 38170
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.5 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 31.496 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 65 Resp: 47550

Ion Ratio Lower Upper

65 100

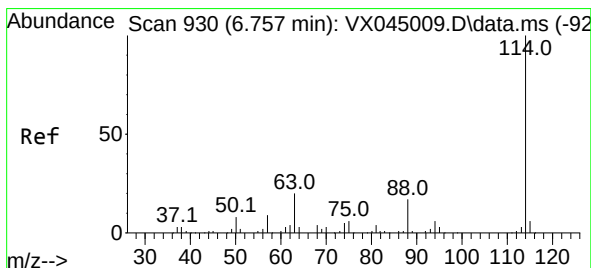
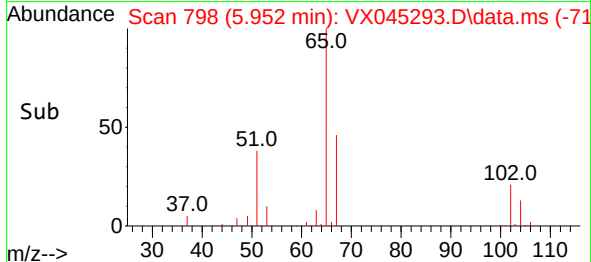
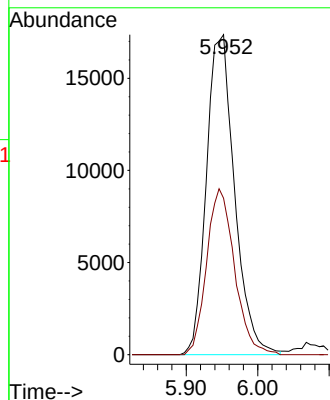
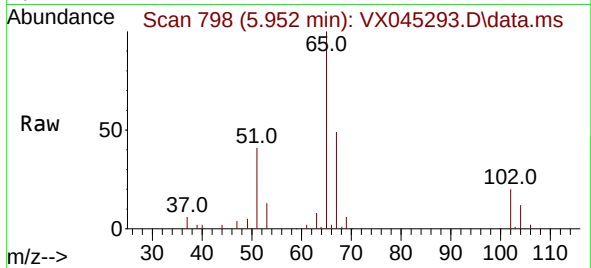
67 51.3 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

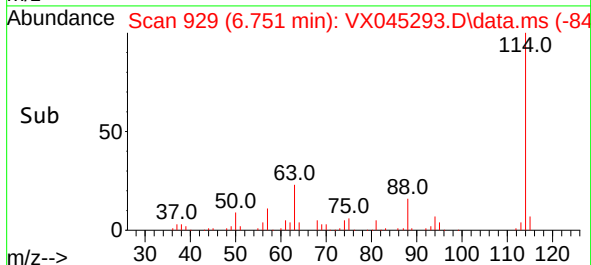
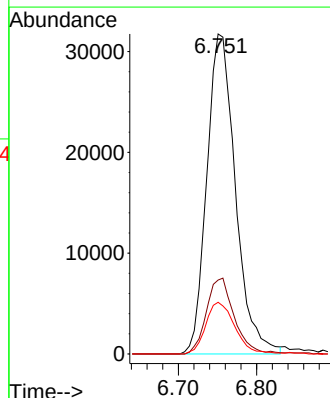
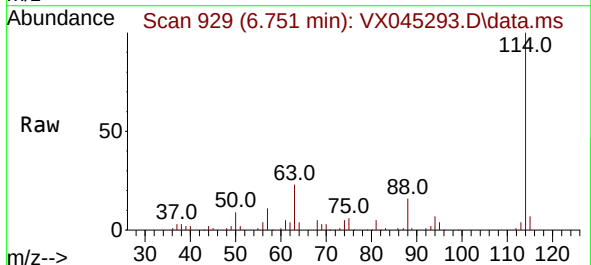
Tgt Ion:114 Resp: 80769

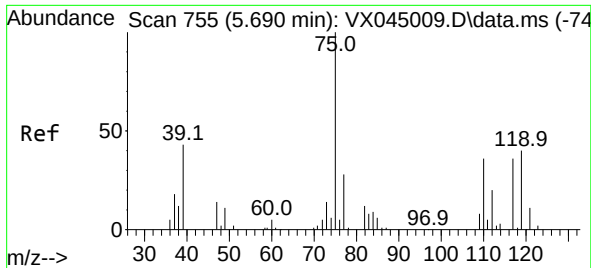
Ion Ratio Lower Upper

114 100

63 22.7 16.8 25.2

88 16.4 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.917 ug/l

RT: 5.678 min Scan# 755

Delta R.T. -0.012 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

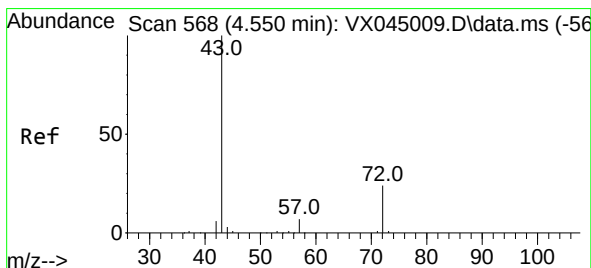
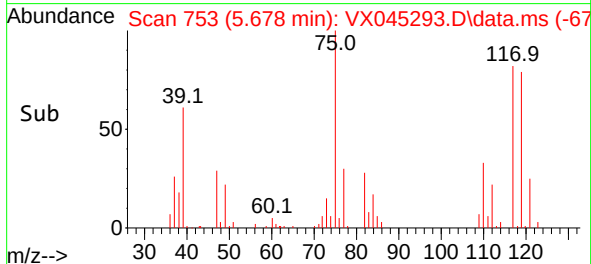
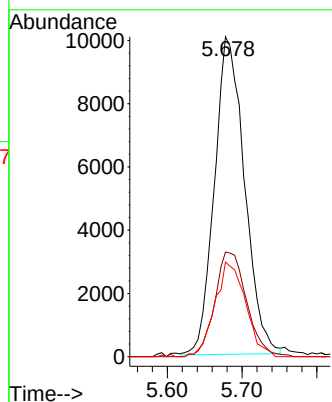
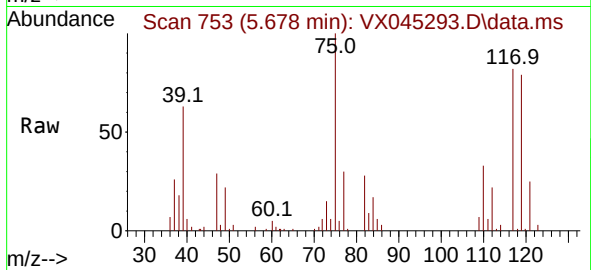
Tgt Ion: 75	Resp: 28100
Ion Ratio	Lower Upper
75 100	
110 34.8	0.0 69.2
77 30.3	0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#30

2-Butanone

Concen: 112.407 ug/l

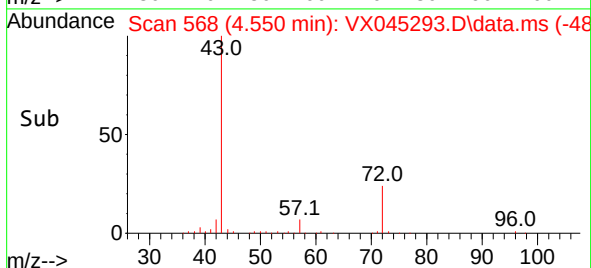
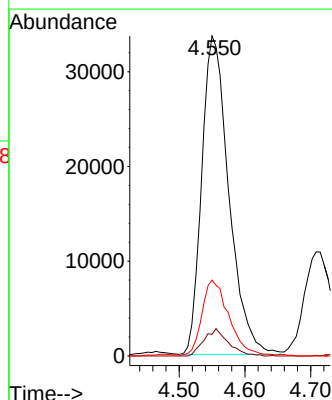
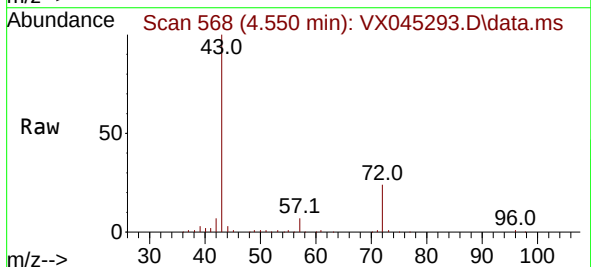
RT: 4.550 min Scan# 568

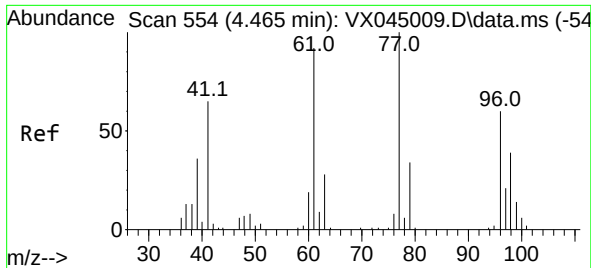
Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Tgt Ion: 43	Resp: 96464
Ion Ratio	Lower Upper
43 100	
57 7.7	6.2 9.2
72 23.7	20.2 30.2





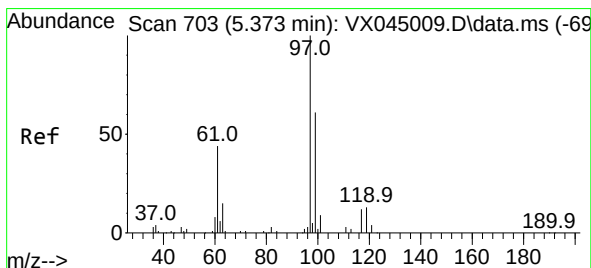
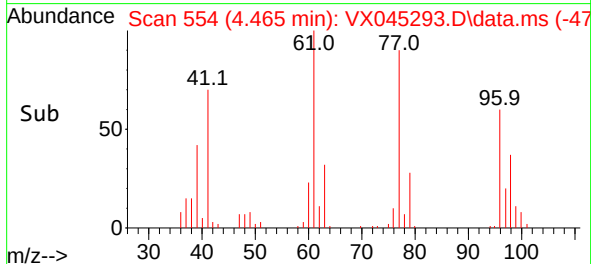
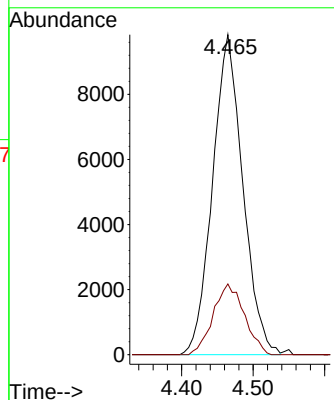
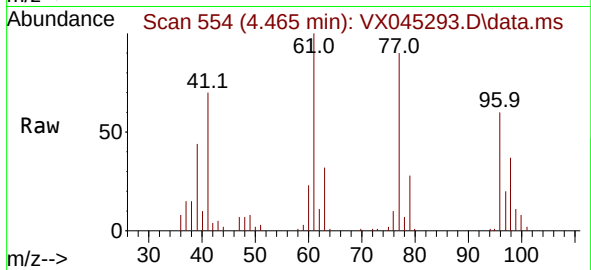
#31
2,2-Dichloropropane
Concen: 17.203 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 77 Resp: 2890
Ion Ratio Lower Upper
77 100
97 22.8 18.0 27.0

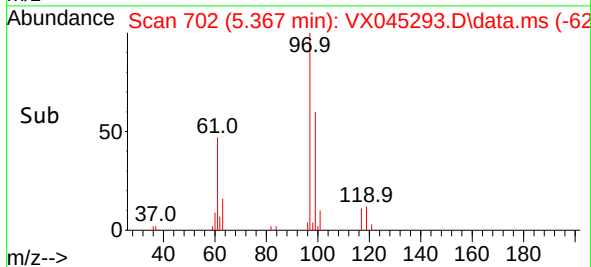
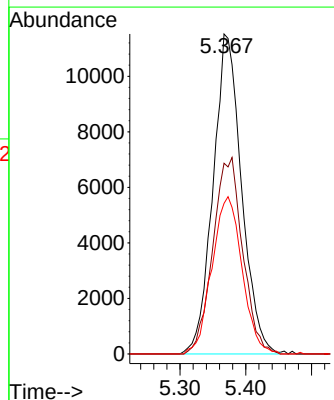
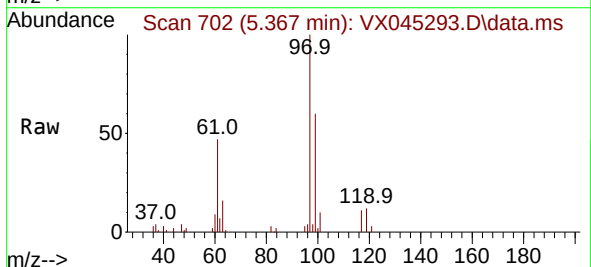
Manual Integrations
APPROVED

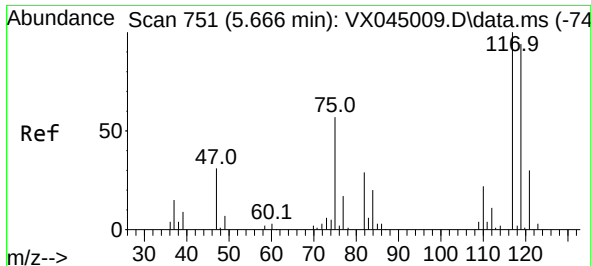
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#32
1,1,1-Trichloroethane
Concen: 19.294 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

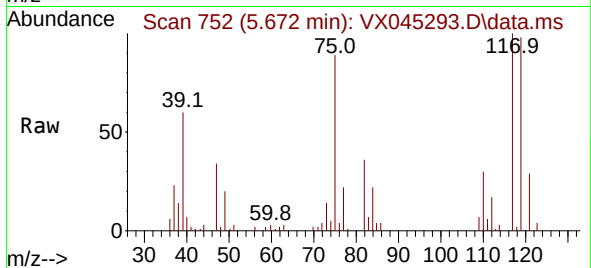
Tgt Ion: 97 Resp: 34733
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 52.2 38.5 57.7





#33
Carbon Tetrachloride
Concen: 19.523 ug/l
RT: 5.672 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

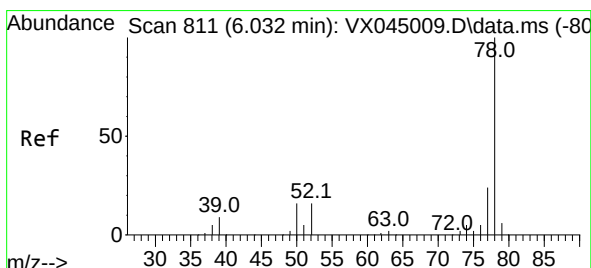
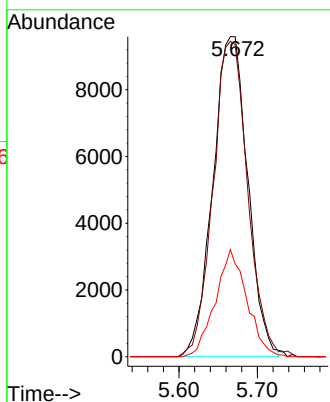
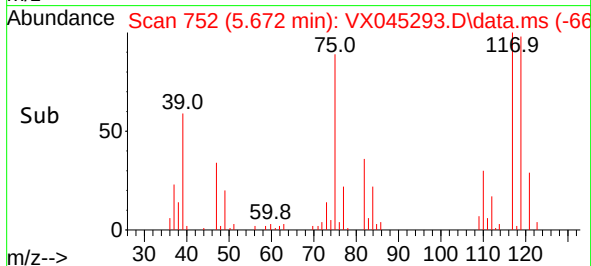
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



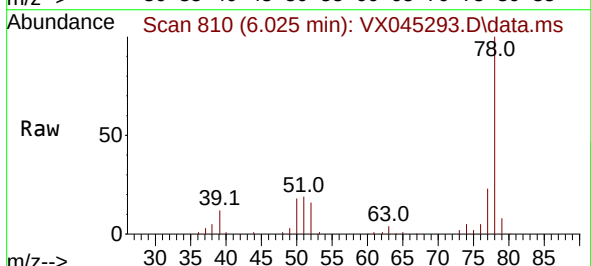
Tgt Ion: 117 Resp: 2966
Ion Ratio Lower Upper
117 100
119 97.5 75.1 112.7
121 29.0 23.9 35.9

Manual Integrations
APPROVED

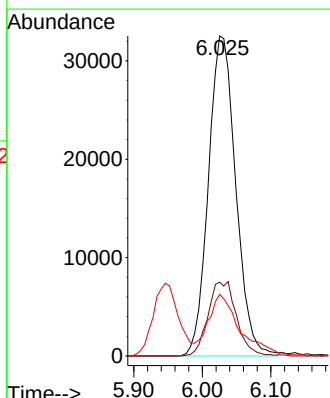
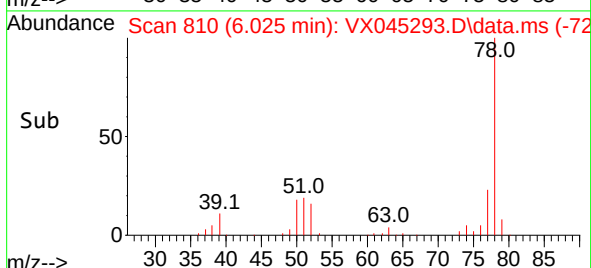
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

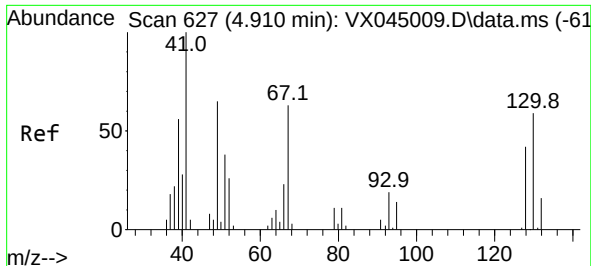


#34
Benzene
Concen: 19.365 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22



Tgt Ion: 78 Resp: 90227
Ion Ratio Lower Upper
78 100
77 23.1 19.6 29.4
51 18.4 13.8 20.6





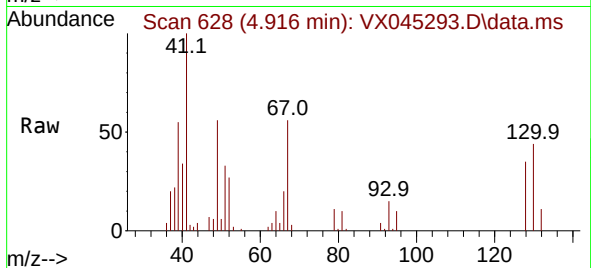
#35
Methacrylonitrile
Concen: 21.124 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01



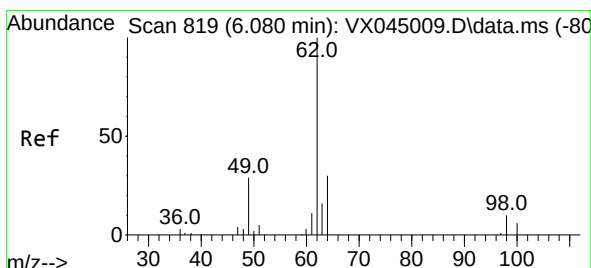
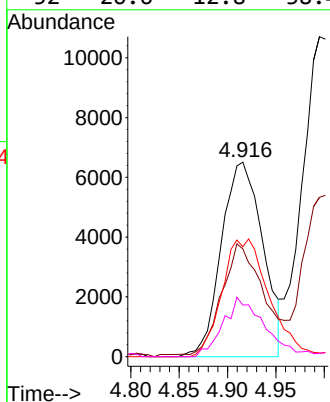
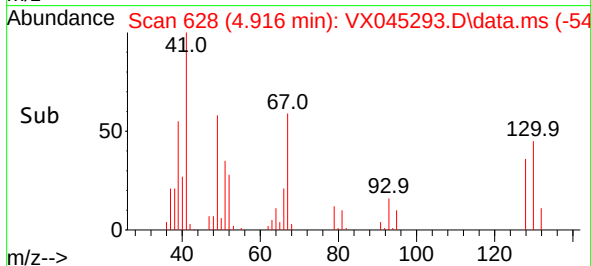
Tgt Ion: 41 Resp: 19399
Ion Ratio Lower Upper
41 100
39 54.2 27.8 83.4
67 56.5 31.5 94.5
52 26.6 12.8 38.4

Manual Integrations

APPROVED

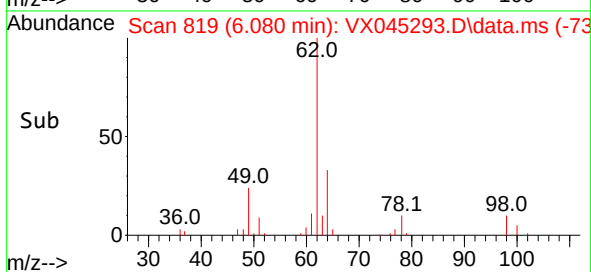
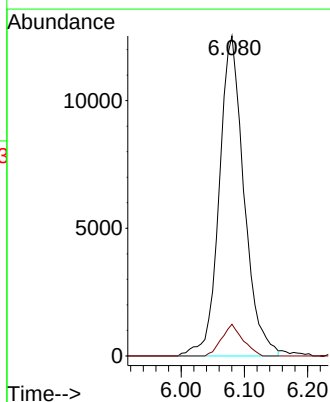
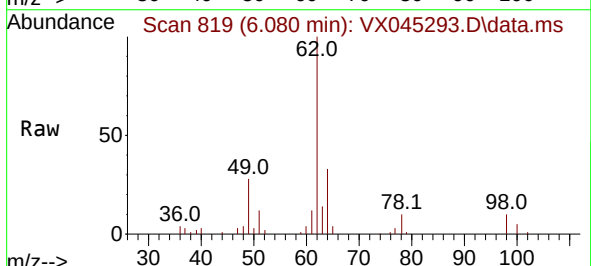
Reviewed By :John Carlone 03/18/2025

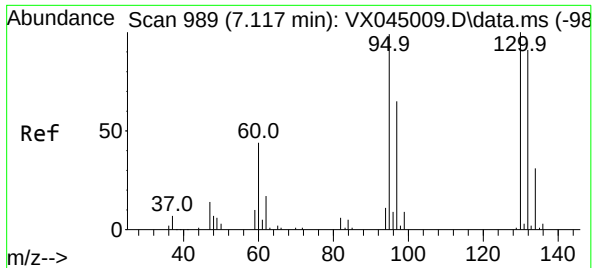
Supervised By :Mahesh Dadoda 03/18/2025



#36
1,2-Dichloroethane
Concen: 21.389 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

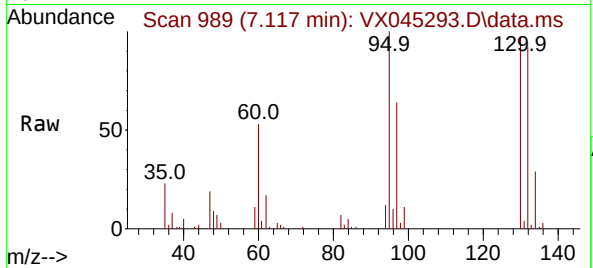
Tgt Ion: 62 Resp: 34119
Ion Ratio Lower Upper
62 100
98 8.4 7.9 11.9





#37
Trichloroethene
Concen: 18.904 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

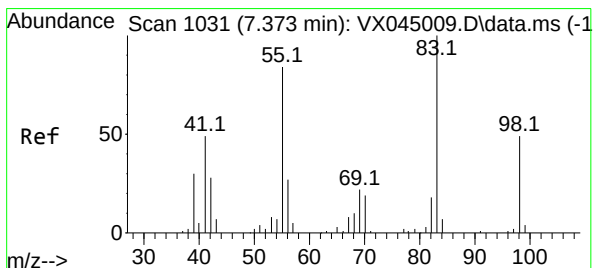
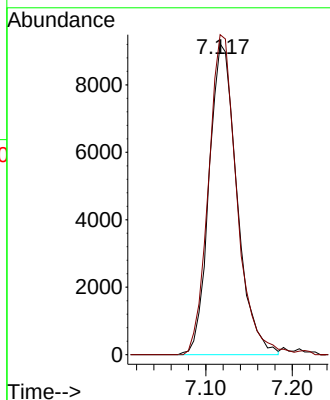
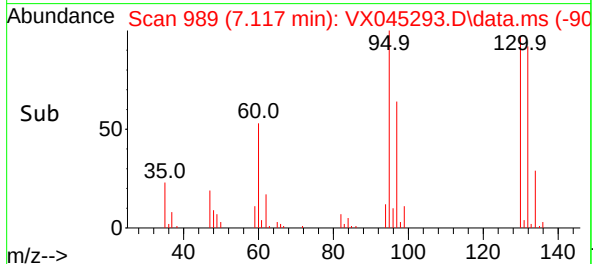
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



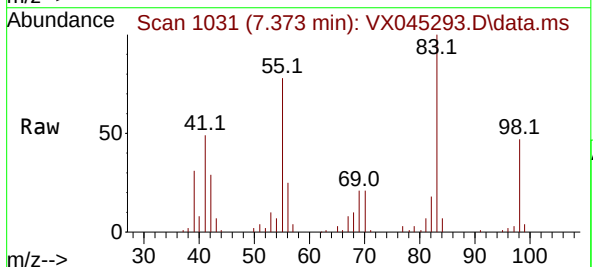
Tgt Ion:130 Resp: 20600
Ion Ratio Lower Upper
130 100
95 102.9 79.0 118.4

Manual Integrations
APPROVED

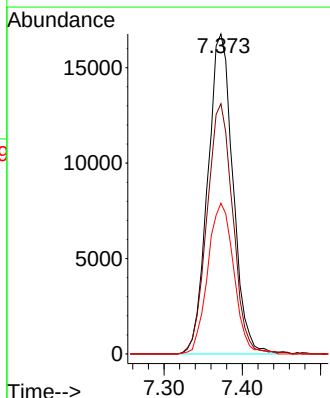
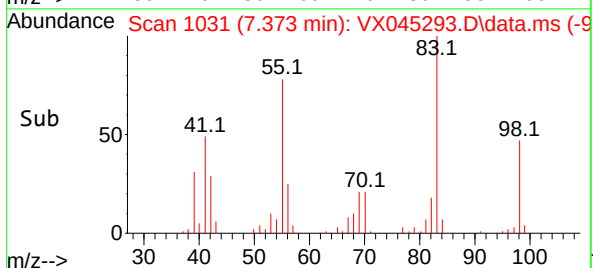
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

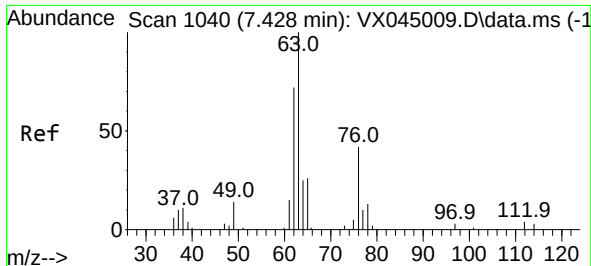


#38
Methylcyclohexane
Concen: 18.819 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22



Tgt Ion: 83 Resp: 37543
Ion Ratio Lower Upper
83 100
55 79.8 40.6 122.0
98 48.9 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.597 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 63 Resp: 22700

Ion Ratio Lower Upper

63 100

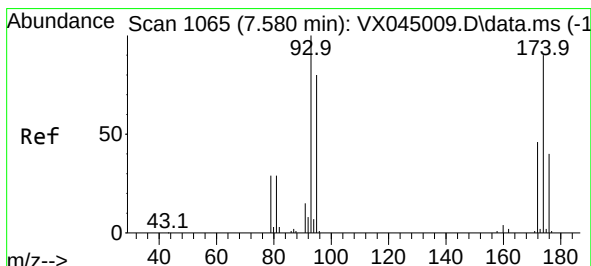
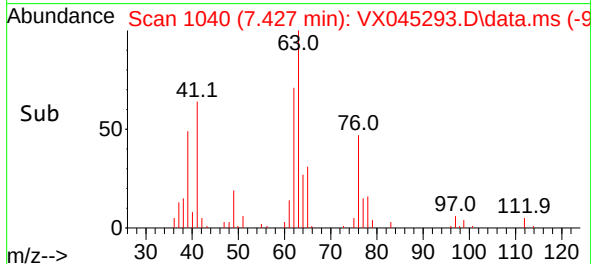
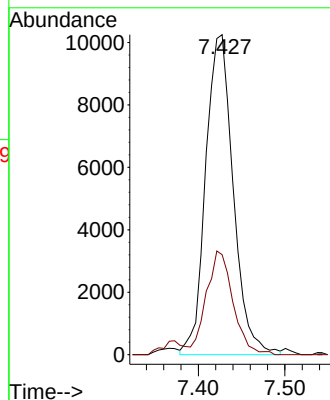
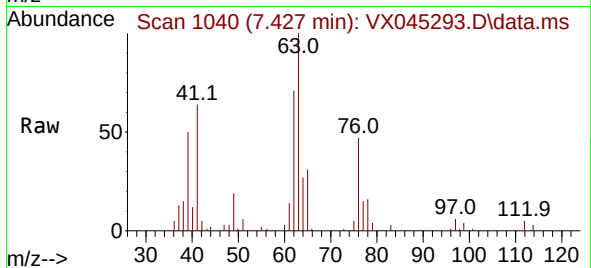
65 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

Dibromomethane

Concen: 20.503 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

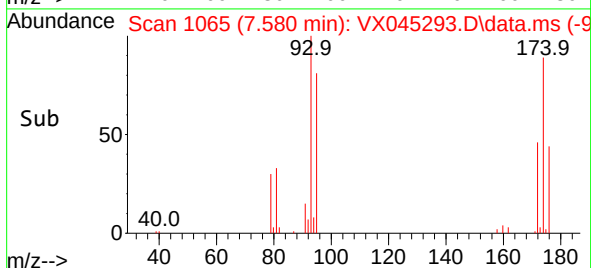
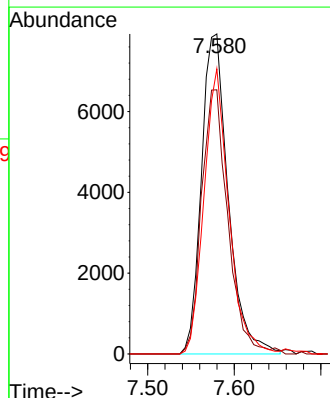
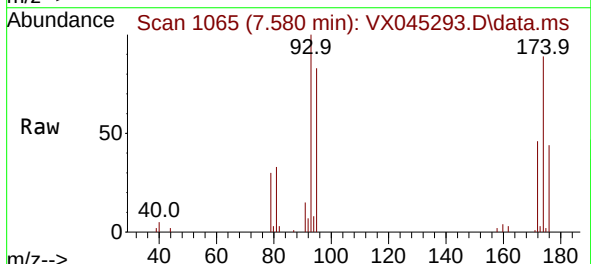
Tgt Ion: 93 Resp: 17043

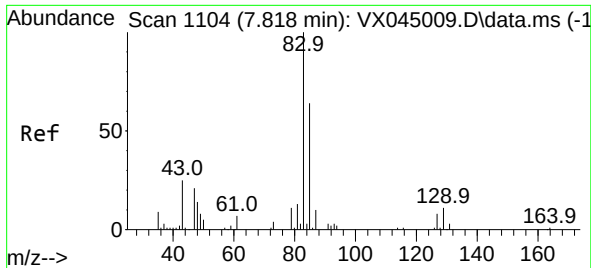
Ion Ratio Lower Upper

93 100

95 80.6 0.0 162.6

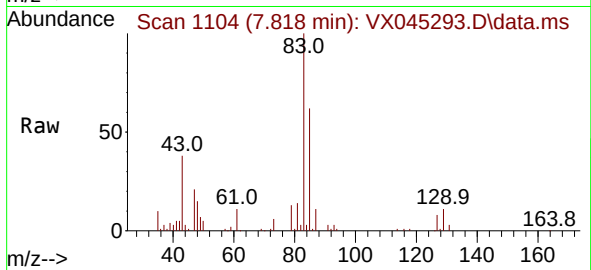
174 82.6 0.0 178.8





#41
Bromodichloromethane
Concen: 20.034 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

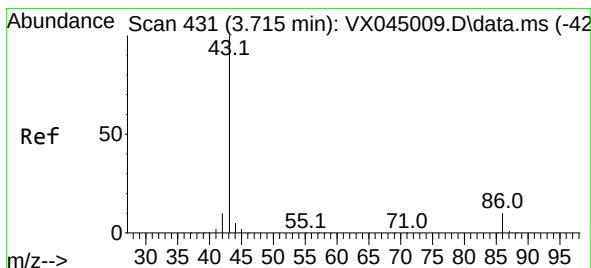
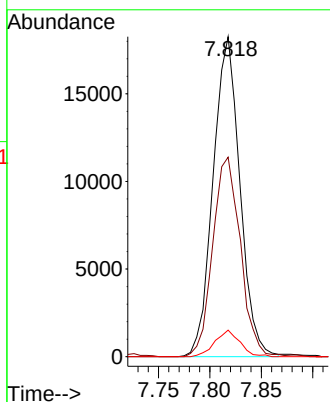
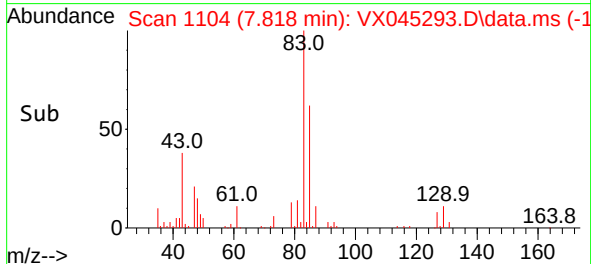
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 83 Resp: 33099
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.6
127 8.3 6.1 9.1

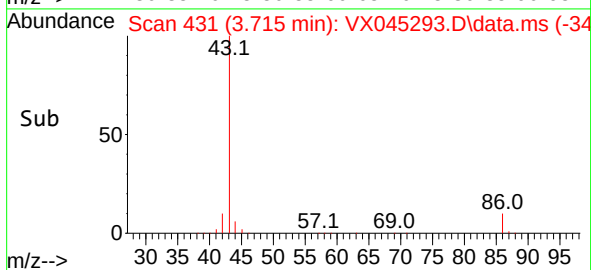
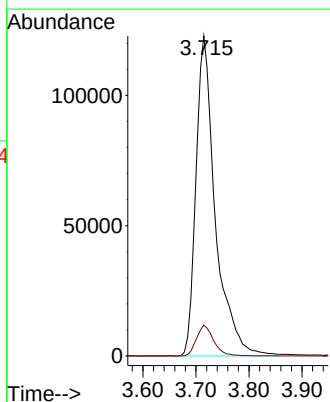
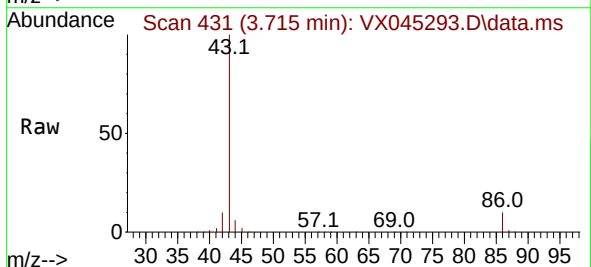
Manual Integrations
APPROVED

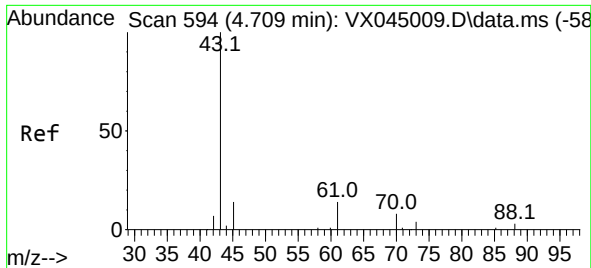
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
Vinyl Acetate
Concen: 93.704 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

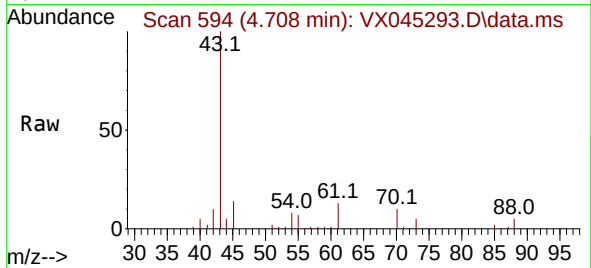
Tgt Ion: 43 Resp: 312048
Ion Ratio Lower Upper
43 100
86 8.5 7.0 10.4





#43
Ethyl Acetate
Concen: 20.020 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

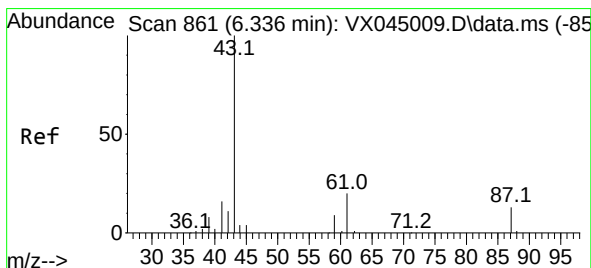
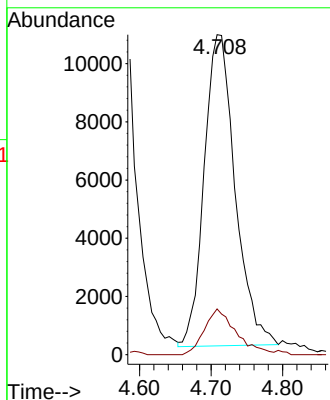
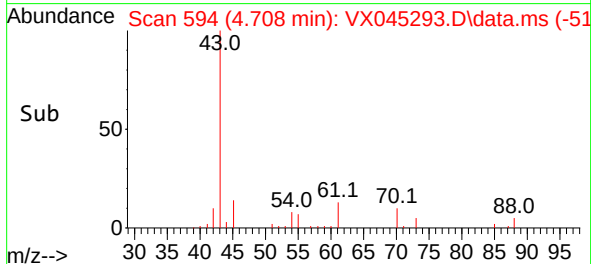
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



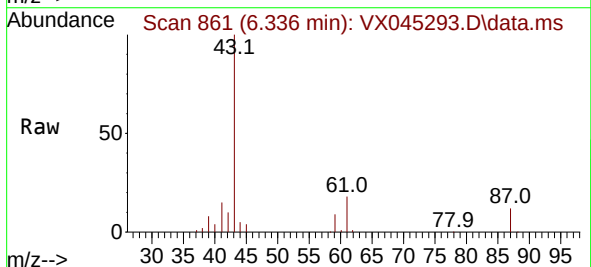
Tgt Ion: 43 Resp: 32219
Ion Ratio Lower Upper
43 100
45 13.7 12.7 19.1

Manual Integrations
APPROVED

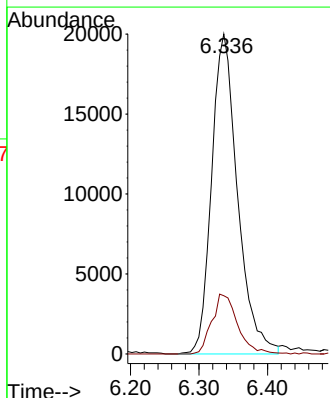
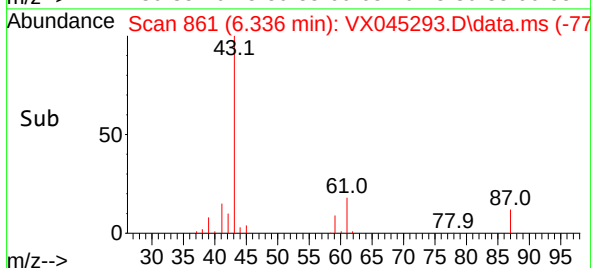
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

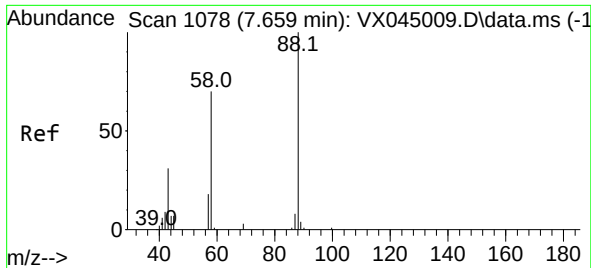


#44
Isopropyl Acetate
Concen: 19.883 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22



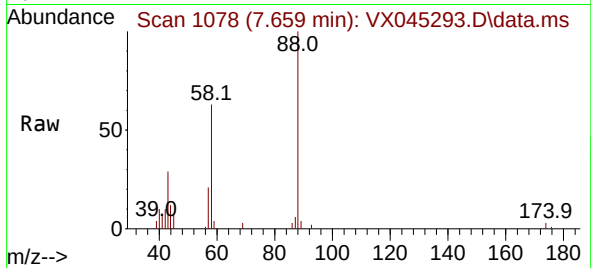
Tgt Ion: 43 Resp: 52666
Ion Ratio Lower Upper
43 100
61 17.9 15.5 23.3





#45
1,4-Dioxane
Concen: 342.398 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

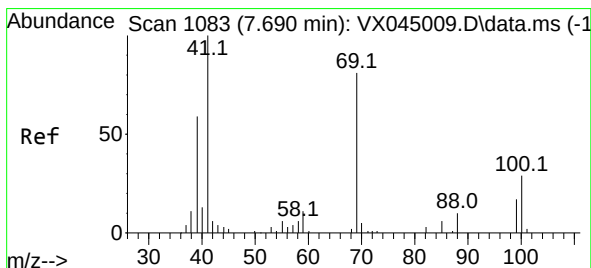
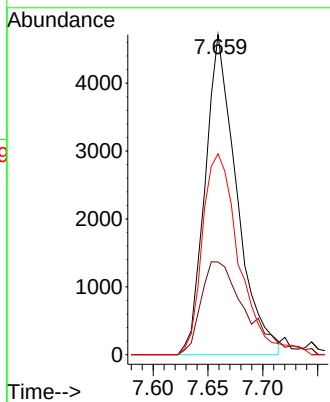
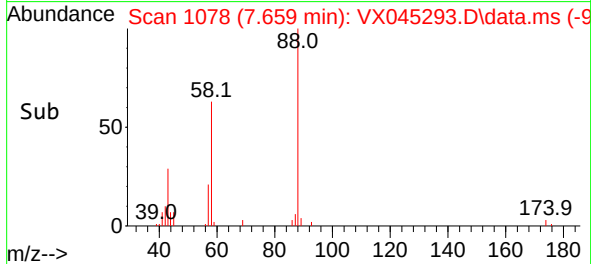
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



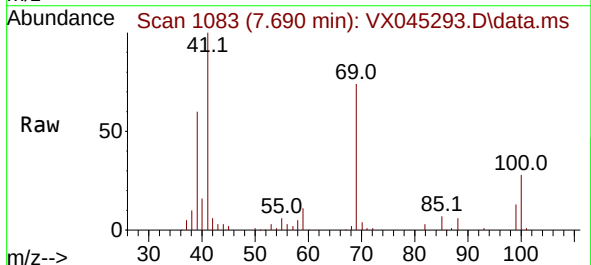
Tgt Ion: 88 Resp: 9428
Ion Ratio Lower Upper
88 100
43 40.2 29.6 44.4
58 73.3 56.2 84.4

Manual Integrations
APPROVED

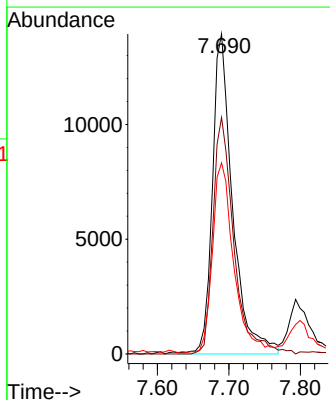
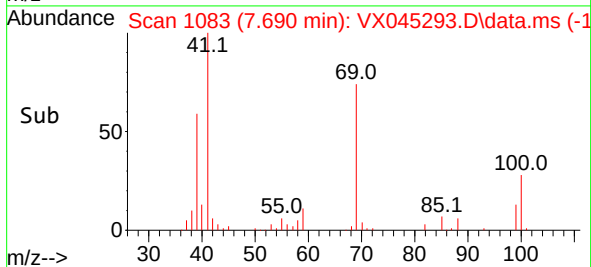
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

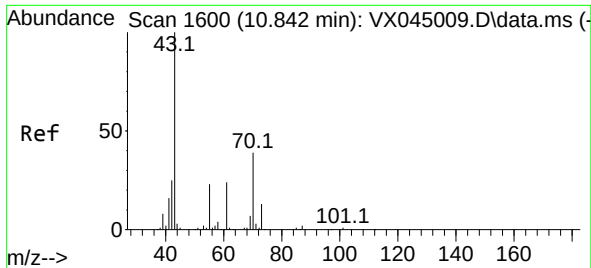


#46
Methyl methacrylate
Concen: 21.096 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22



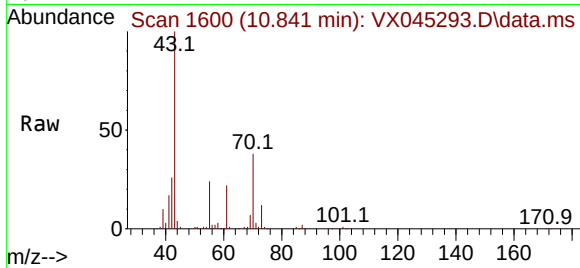
Tgt Ion: 41 Resp: 27400
Ion Ratio Lower Upper
41 100
69 74.2 40.7 122.1
39 59.5 29.5 88.5





#47
n-amyl acetate
Concen: 19.537 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

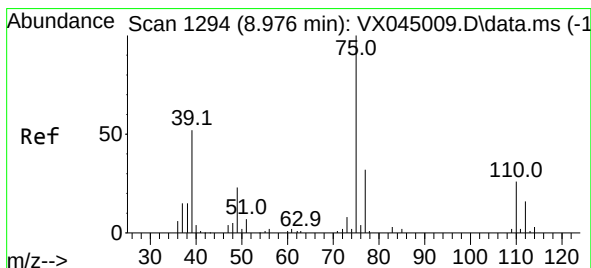
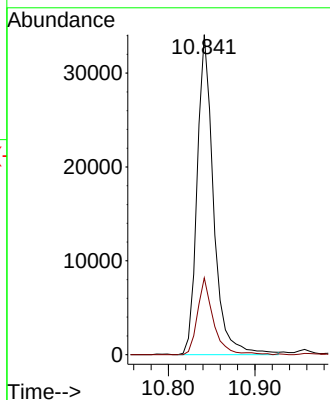
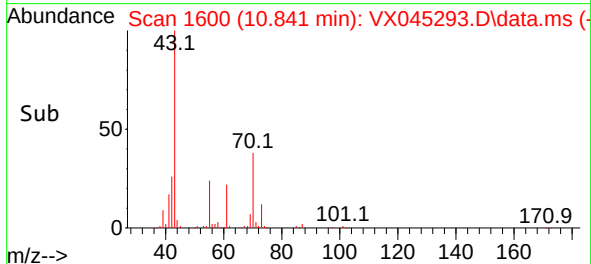
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 43 Resp: 4490
Ion Ratio Lower Upper
43 100
55 22.5 18.6 27.8

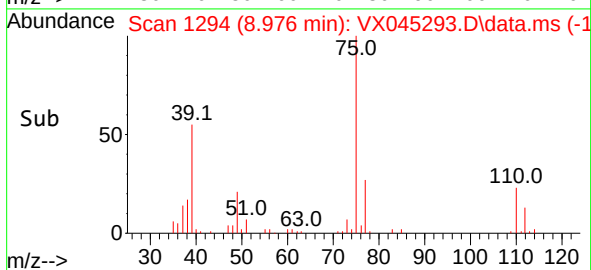
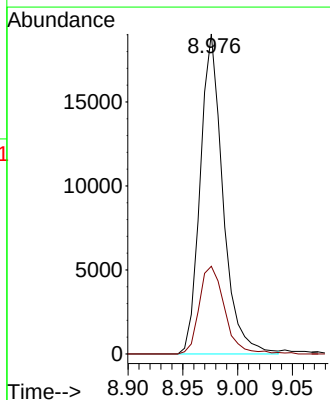
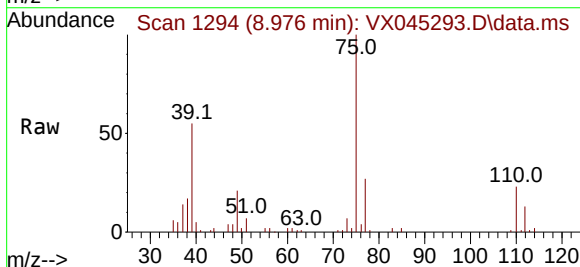
Manual Integrations
APPROVED

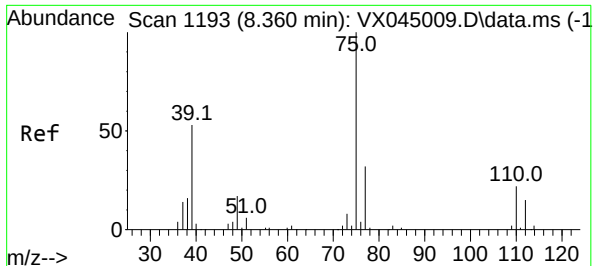
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#48
t-1,3-dichloropropene
Concen: 17.274 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 75 Resp: 27508
Ion Ratio Lower Upper
75 100
77 27.4 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 18.295 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045293.D

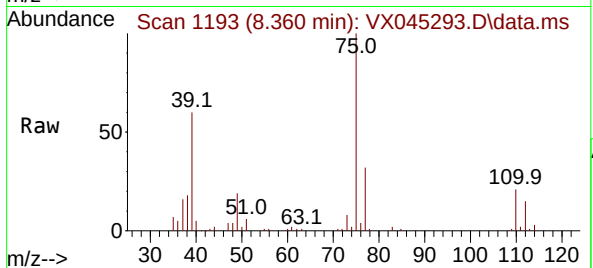
Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01



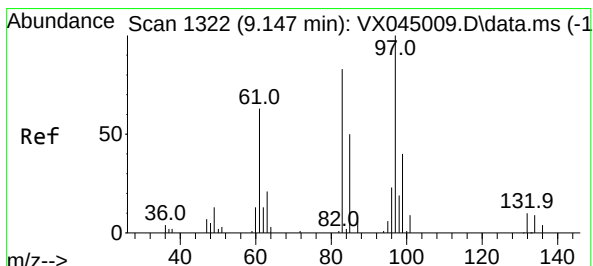
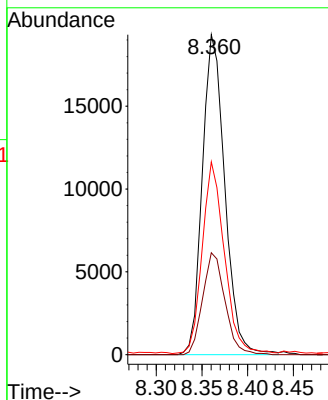
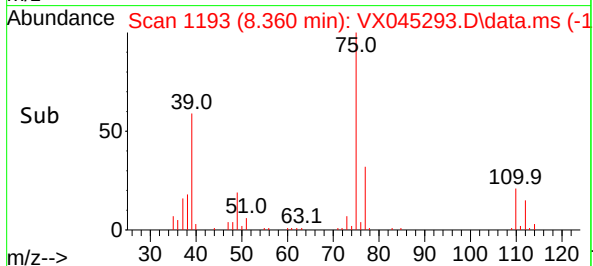
Tgt Ion:	75	Resp:	32980
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.9	38.9
39	59.7	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#50

1,1,2-Trichloroethane

Concen: 19.557 ug/l

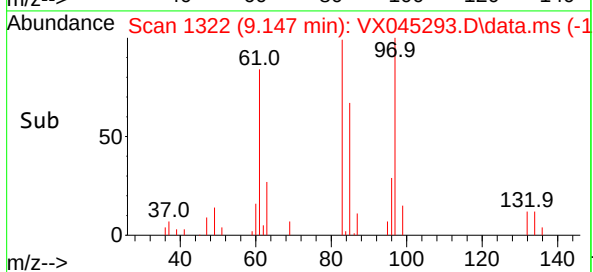
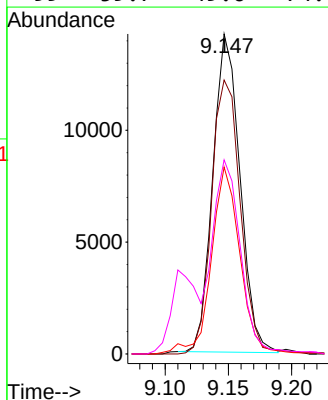
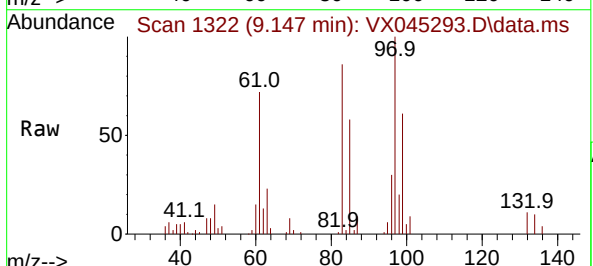
RT: 9.147 min Scan# 1322

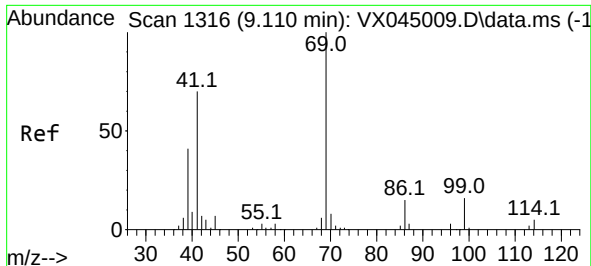
Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

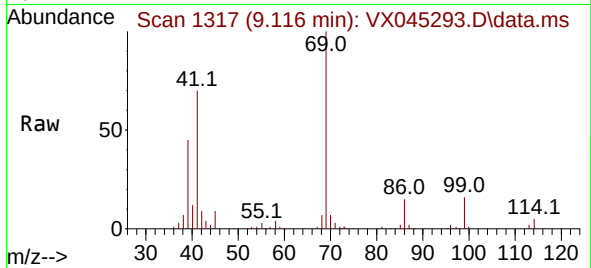
Tgt Ion:	97	Resp:	21205
Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.0	99.0
85	57.8	42.5	63.7
99	59.7	49.6	74.4





#51
Ethyl methacrylate
Concen: 19.644 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

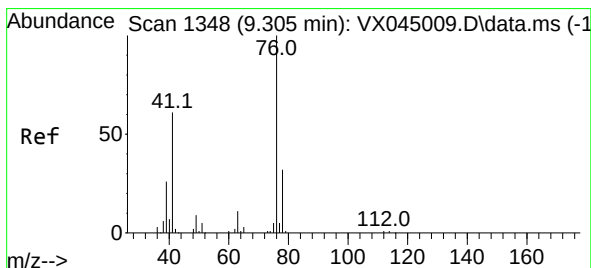
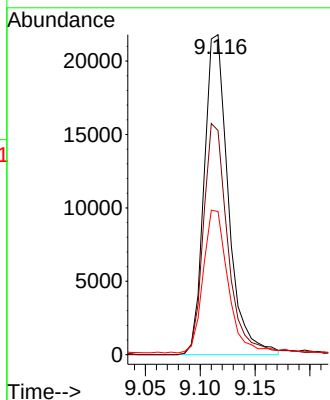
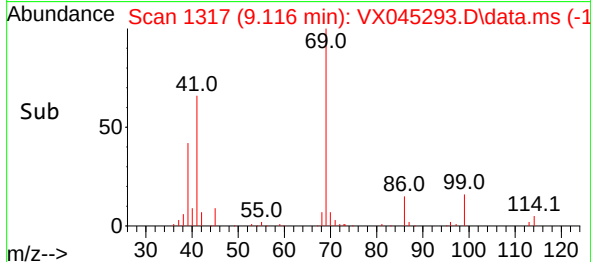
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 69 Resp: 33498
Ion Ratio Lower Upper
69 100
41 70.0 35.1 105.3
39 44.2 20.5 61.6

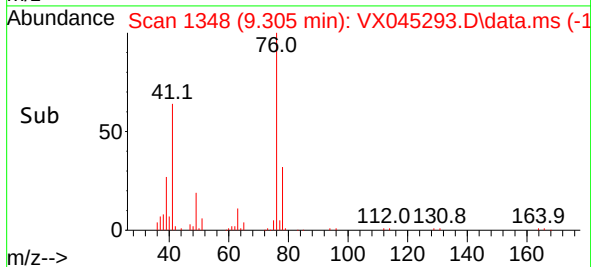
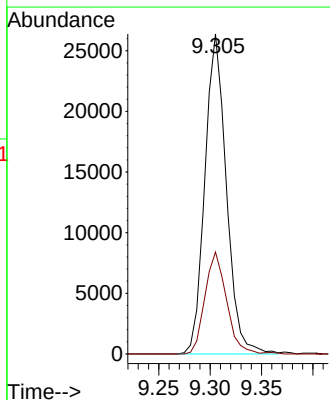
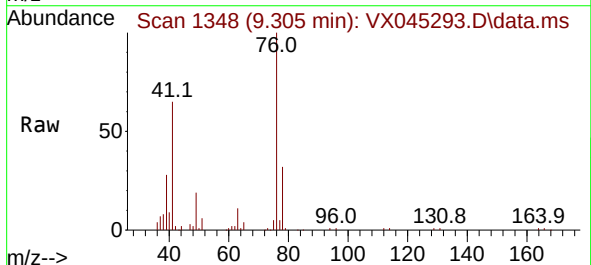
Manual Integrations
APPROVED

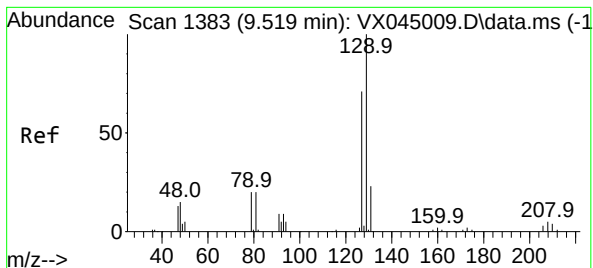
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#52
1,3-Dichloropropane
Concen: 20.208 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 76 Resp: 38391
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.6





#53

Dibromochloromethane

Concen: 19.346 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion:129 Resp: 23199

Ion Ratio Lower Upper

129 100

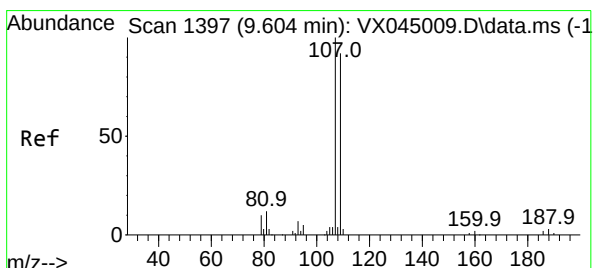
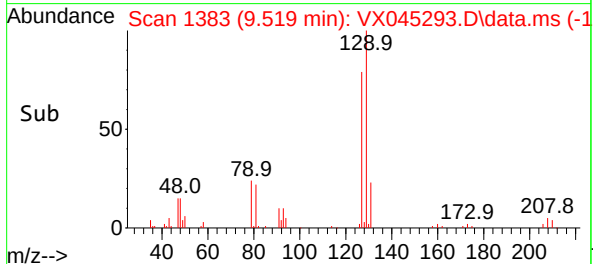
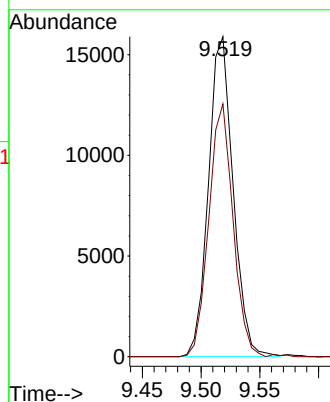
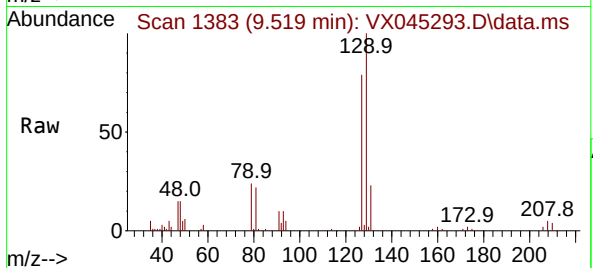
127 77.4 37.3 111.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#54

1,2-Dibromoethane

Concen: 20.301 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX045293.D

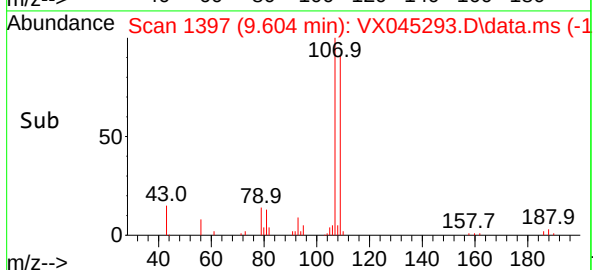
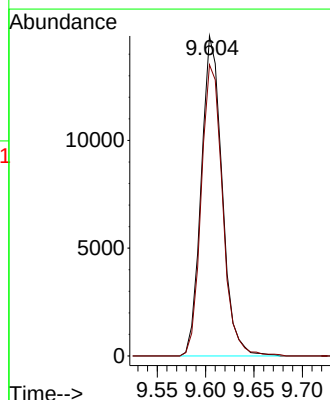
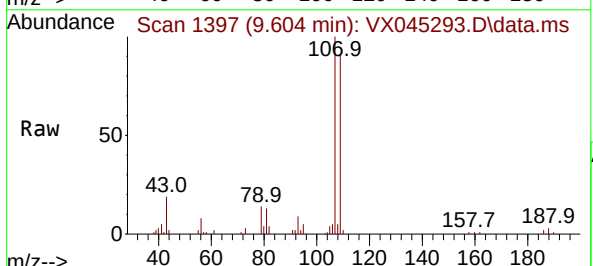
Acq: 14 Mar 2025 15:22

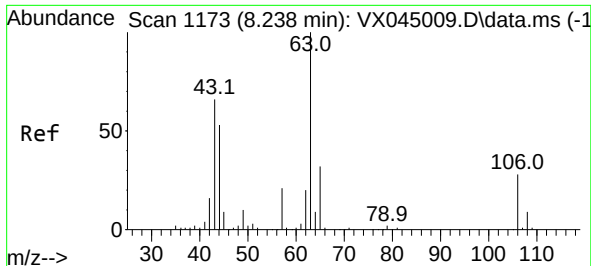
Tgt Ion:107 Resp: 22351

Ion Ratio Lower Upper

107 100

109 92.9 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 101.295 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

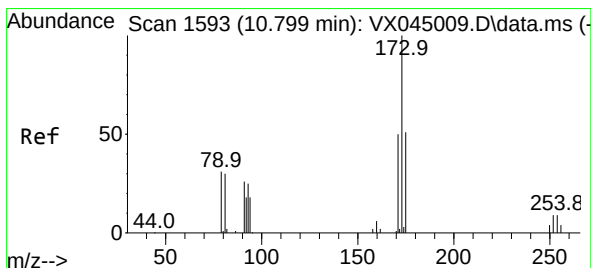
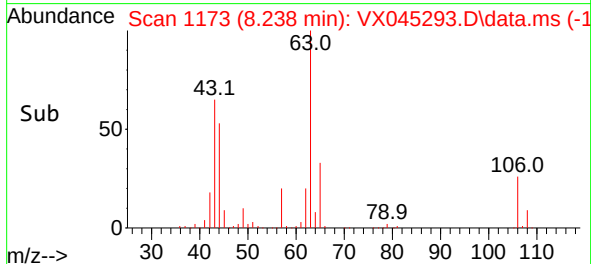
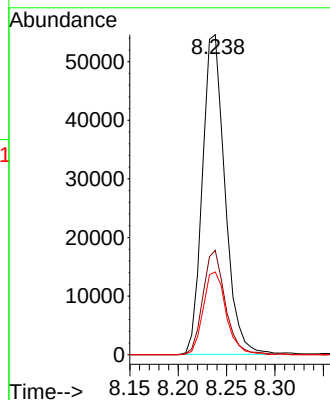
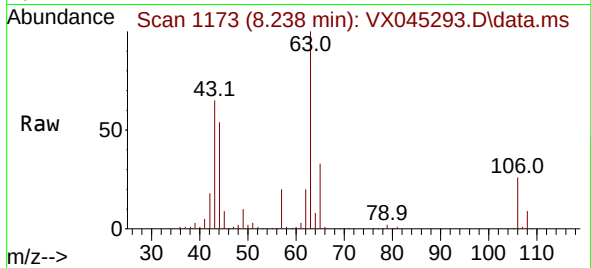
Tgt Ion:	63	Resp:	8870
Ion Ratio	Lower	Upper	
63	100		
65	32.3	26.2	39.2
106	26.4	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#56

Bromoform

Concen: 19.191 ug/l

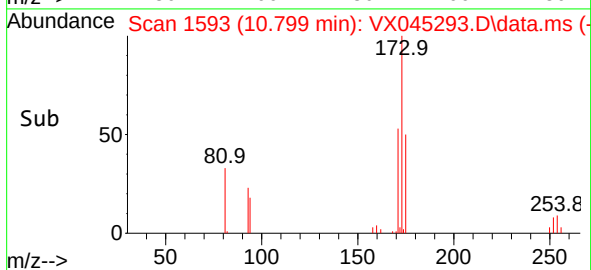
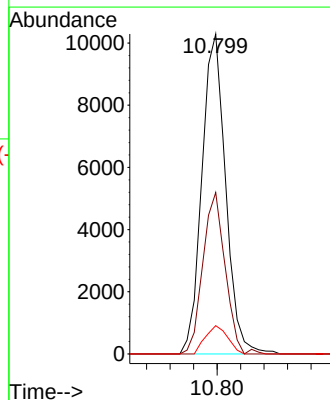
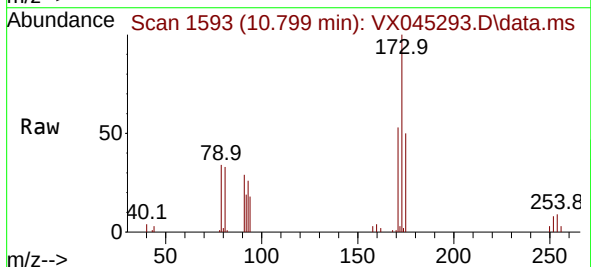
RT: 10.799 min Scan# 1593

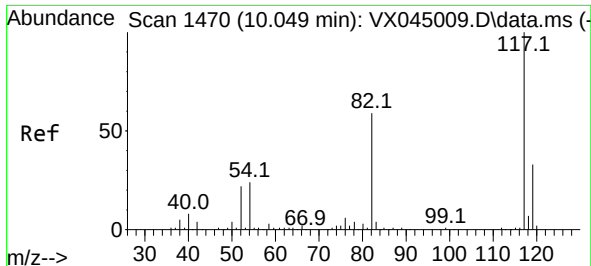
Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Tgt Ion:	173	Resp:	14421
Ion Ratio	Lower	Upper	
173	100		
175	46.8	39.6	59.4
254	8.3	6.3	9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 117 Resp: 76870

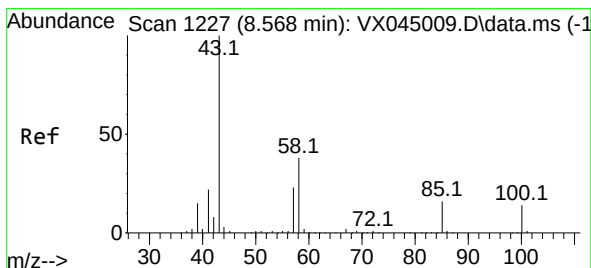
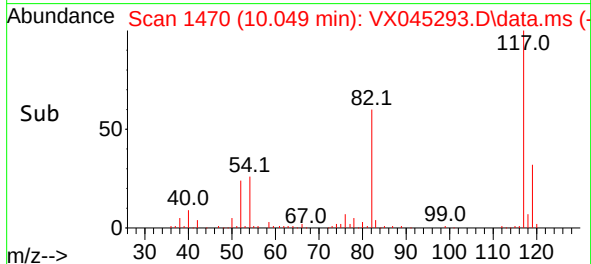
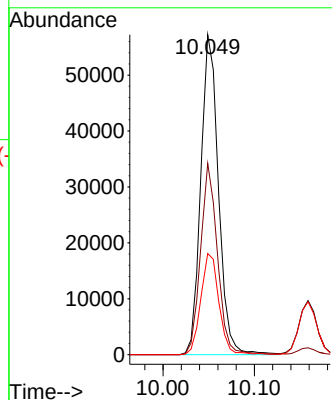
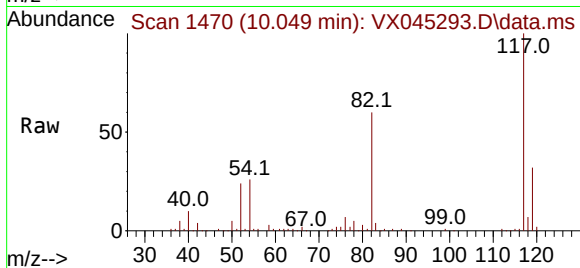
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.8
119	32.1	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#58

4-Methyl-2-Pentanone

Concen: 104.887 ug/l

RT: 8.568 min Scan# 1227

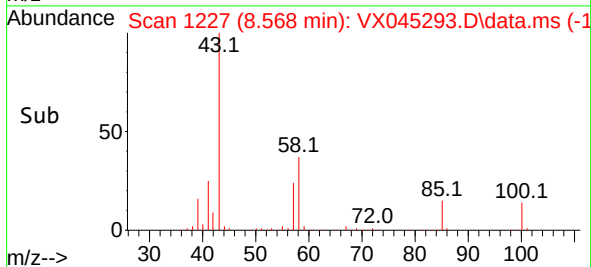
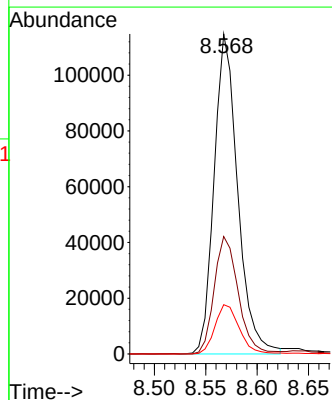
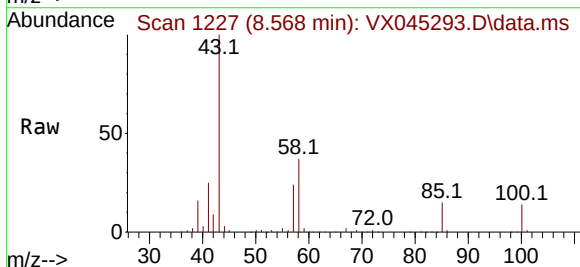
Delta R.T. -0.000 min

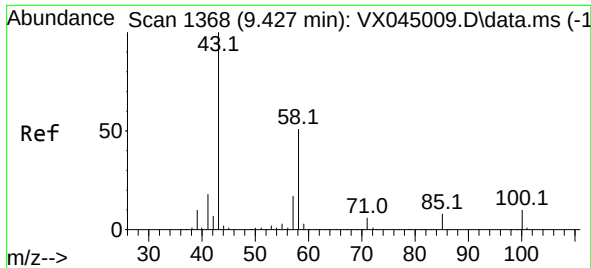
Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Tgt Ion: 43 Resp: 183409

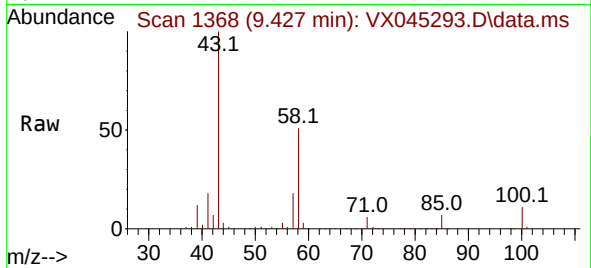
Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.5	44.3
85	15.9	12.9	19.3





#59
2-Hexanone
Concen: 108.930 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

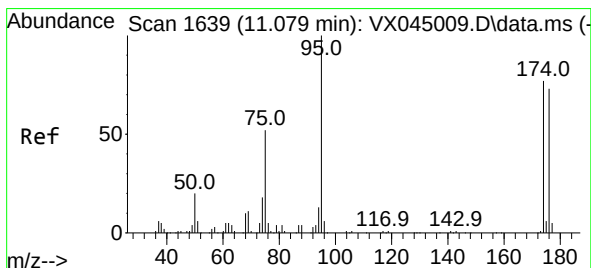
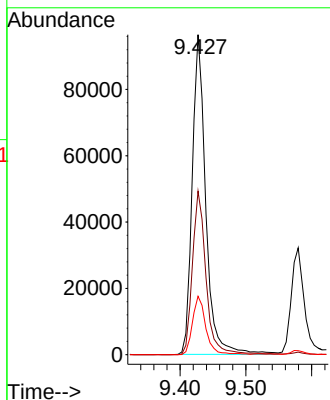
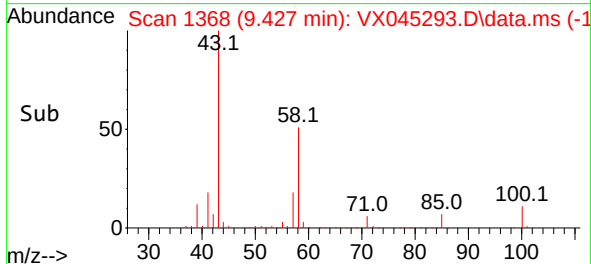
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 43 Resp: 137679
Ion Ratio Lower Upper
43 100
58 51.3 41.6 62.4
57 17.7 13.8 20.6

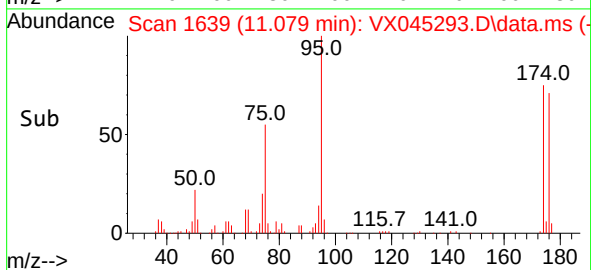
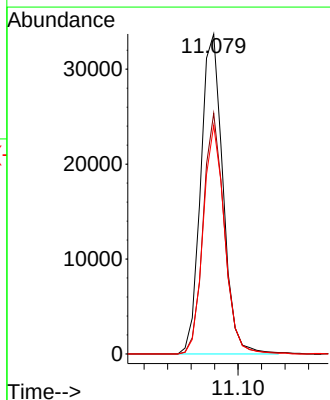
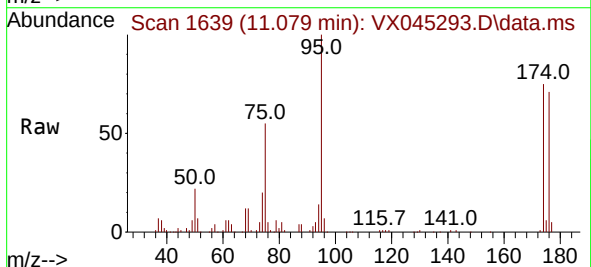
Manual Integrations
APPROVED

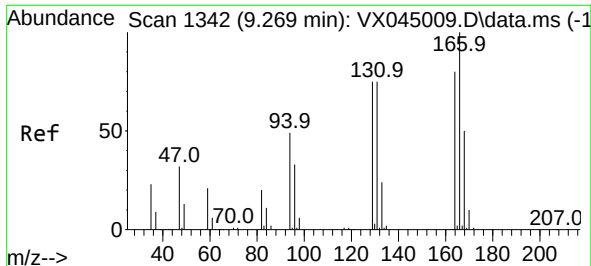
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
4-Bromofluorobenzene
Concen: 30.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

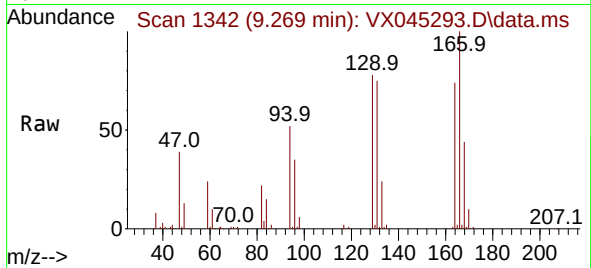
Tgt Ion: 95 Resp: 44173
Ion Ratio Lower Upper
95 100
174 71.4 59.5 89.3
176 69.2 55.5 83.3





#61
Tetrachloroethene
Concen: 18.637 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

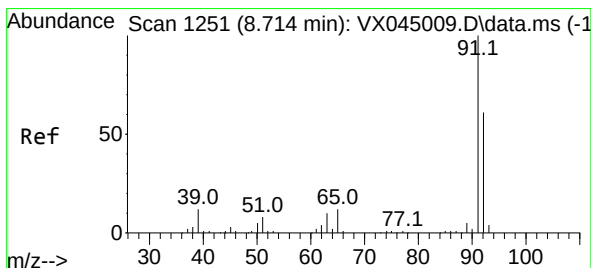
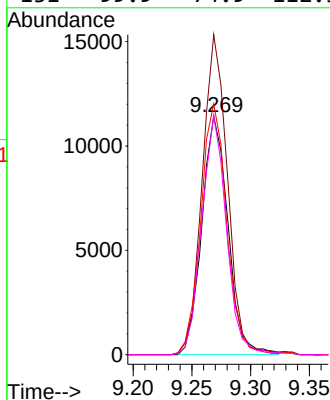
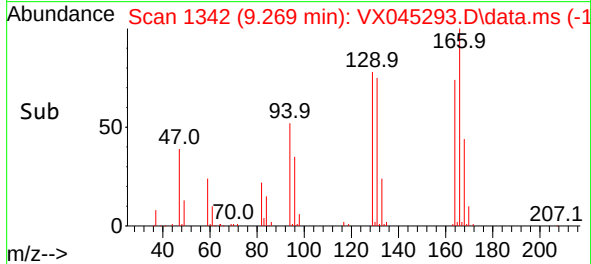
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:164 Resp: 1764
Ion Ratio Lower Upper
164 100
166 133.6 100.3 150.5
129 104.8 75.5 113.3
131 99.9 74.9 112.3

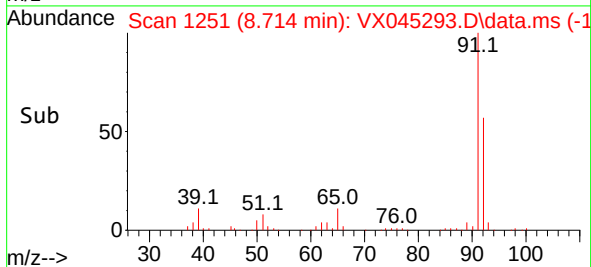
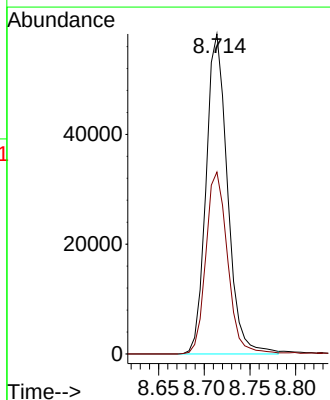
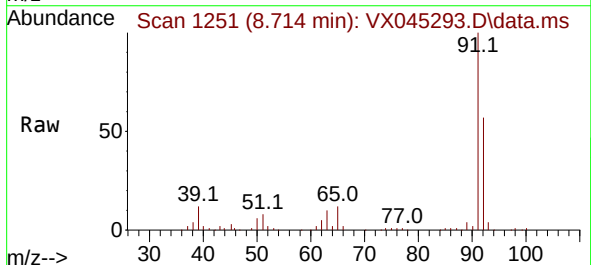
Manual Integrations
APPROVED

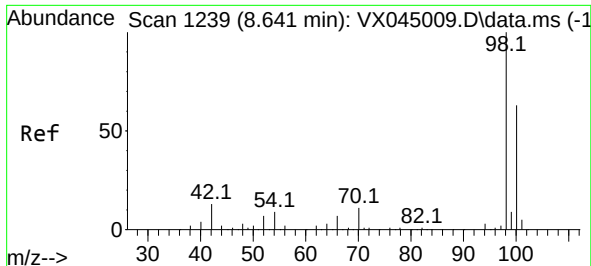
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#62
Toluene
Concen: 18.661 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

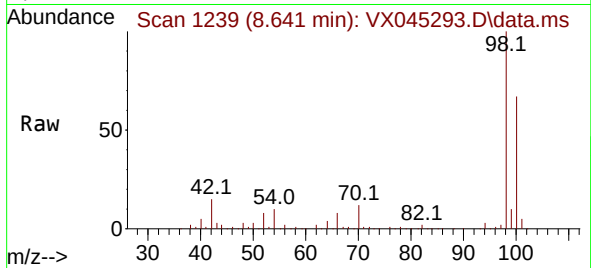
Tgt Ion: 91 Resp: 95024
Ion Ratio Lower Upper
91 100
92 57.4 46.9 70.3





#63
Toluene-d8
Concen: 29.781 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

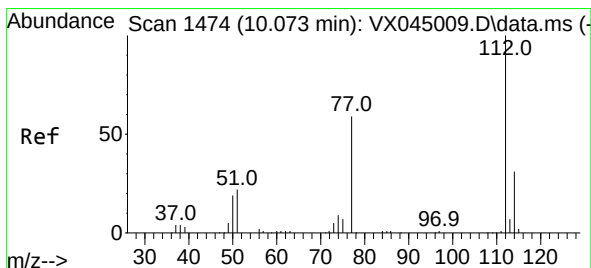
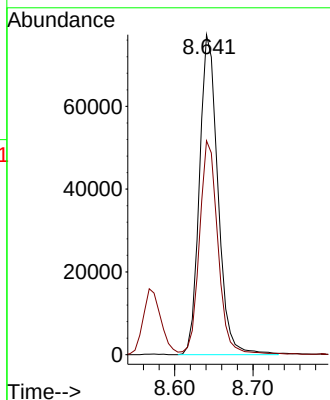
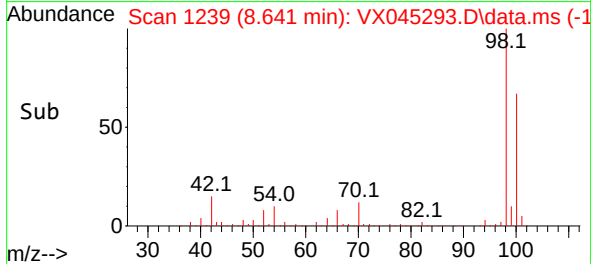
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 98 Resp: 12664
Ion Ratio Lower Upper
98 100
100 66.8 51.7 77.5

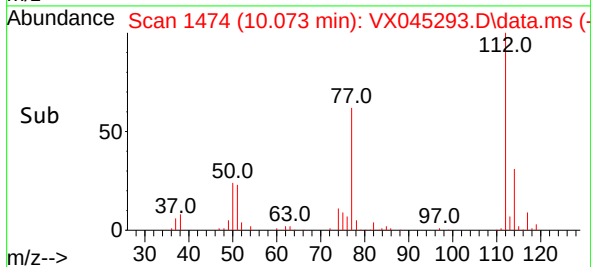
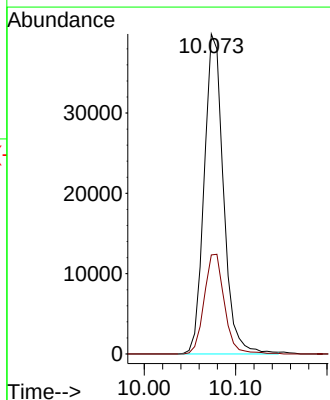
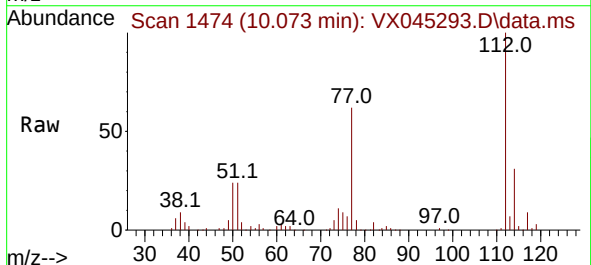
Manual Integrations
APPROVED

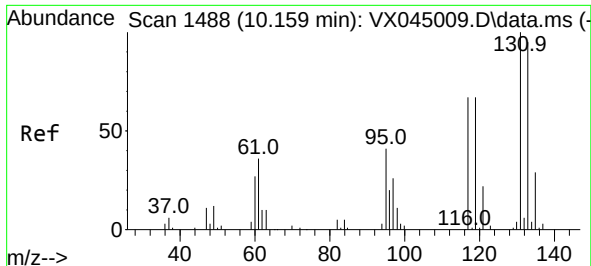
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
Chlorobenzene
Concen: 18.497 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

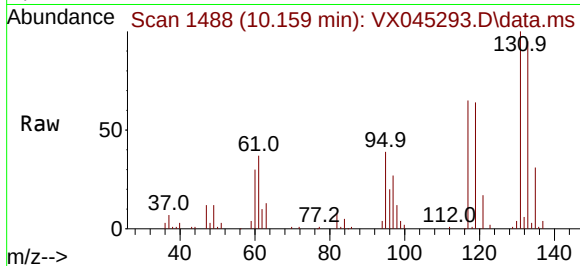
Tgt Ion:112 Resp: 58366
Ion Ratio Lower Upper
112 100
114 31.0 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 18.528 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

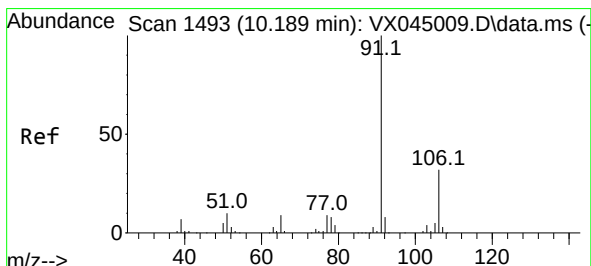
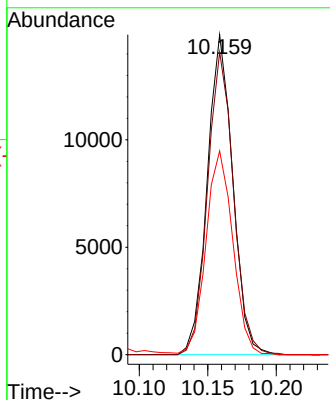
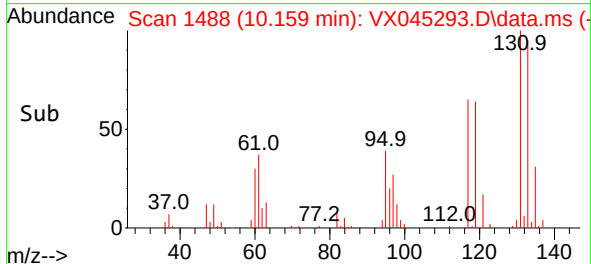
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:131 Resp: 1929
Ion Ratio Lower Upper
131 100
133 95.9 0.0 187.8
119 66.9 0.0 133.0

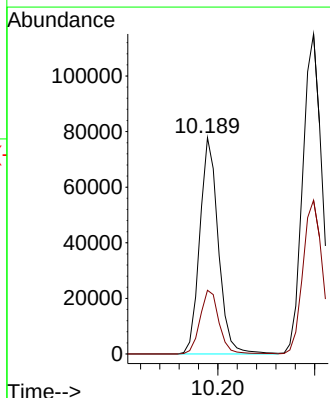
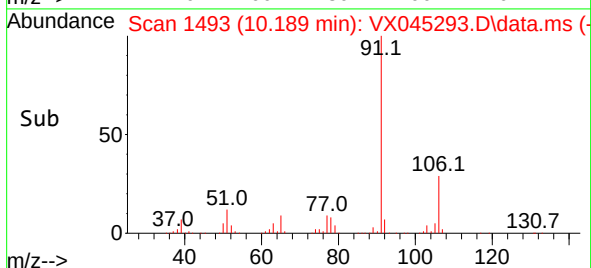
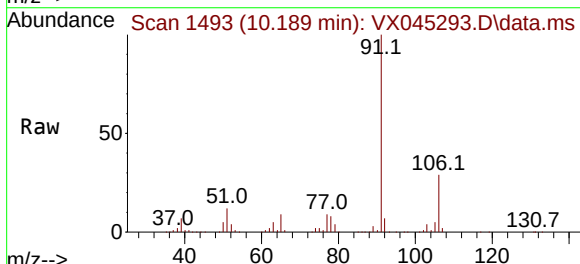
Manual Integrations
APPROVED

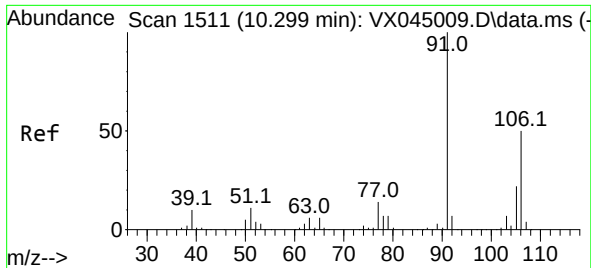
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#66
Ethyl Benzene
Concen: 18.626 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 91 Resp: 103839
Ion Ratio Lower Upper
91 100
106 29.4 25.4 38.2





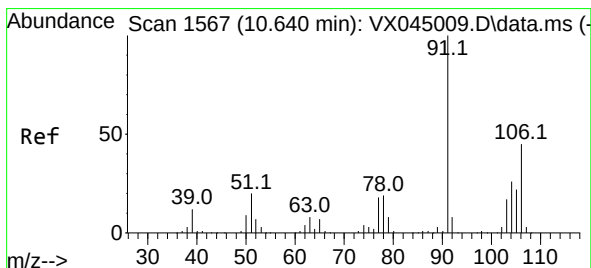
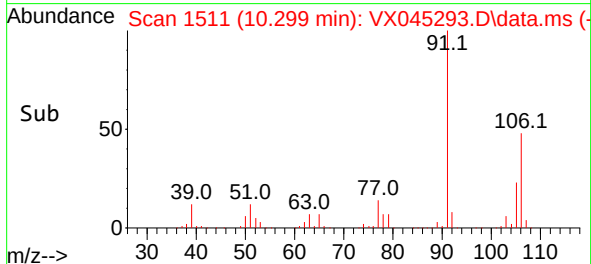
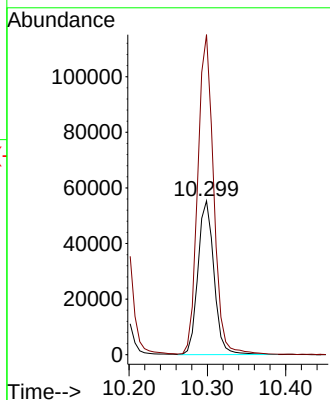
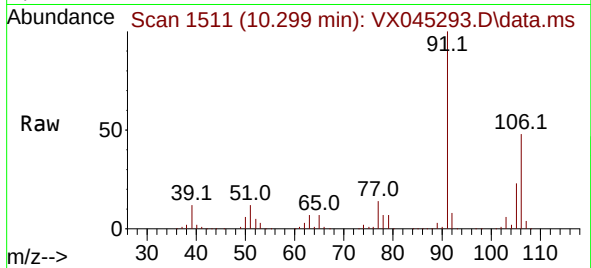
#67
m/p-Xylenes
Concen: 37.860 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion:106 Resp: 78640
Ion Ratio Lower Upper
106 100
91 205.7 163.7 245.5

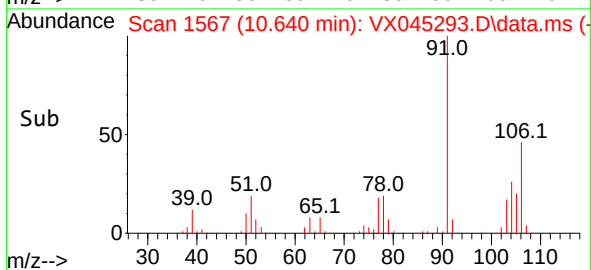
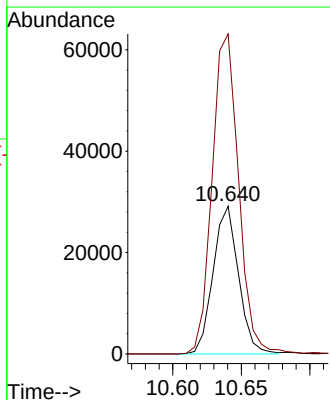
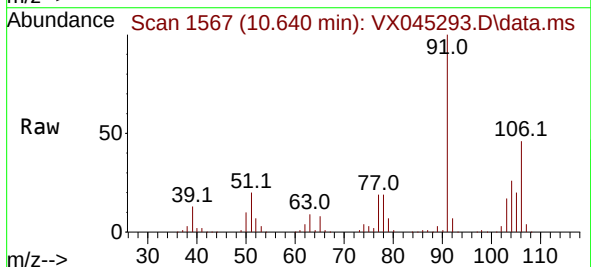
Manual Integrations
APPROVED

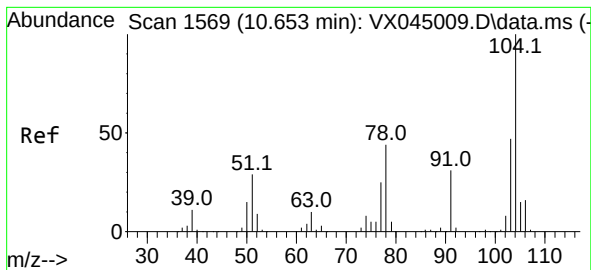
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#68
o-Xylene
Concen: 18.442 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion:106 Resp: 37584
Ion Ratio Lower Upper
106 100
91 225.6 109.7 329.1





#69

Styrene

Concen: 18.879 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

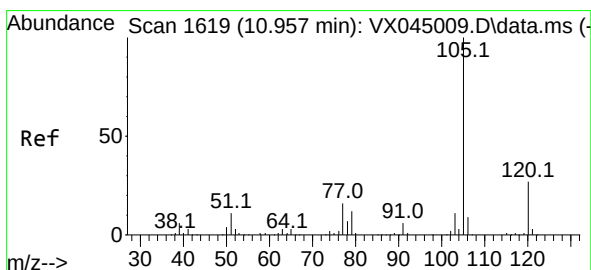
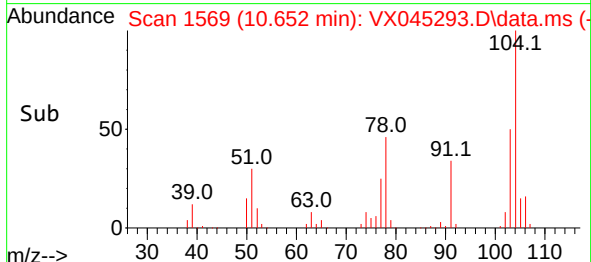
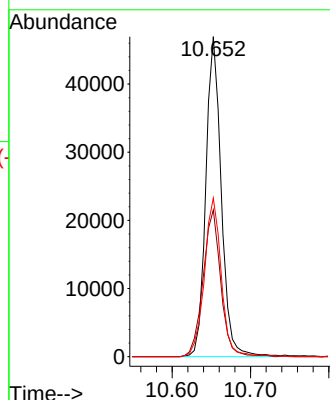
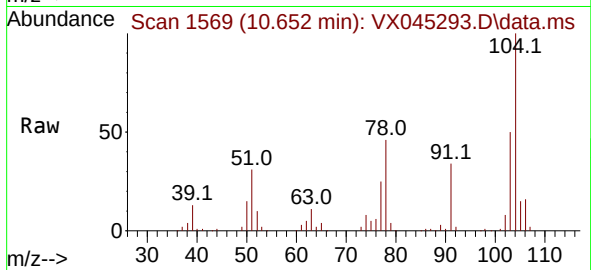
Tgt Ion:104	Resp:	6426
Ion Ratio	Lower	Upper
104	100	
78	52.4	41.4 62.0
103	54.0	43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#70

Isopropylbenzene

Concen: 19.379 ug/l

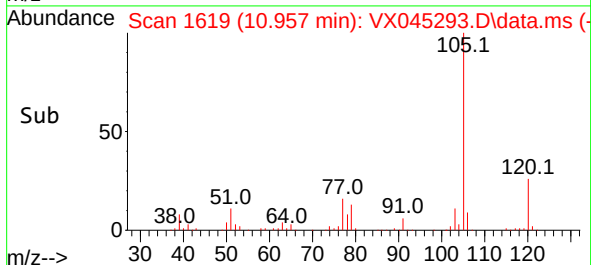
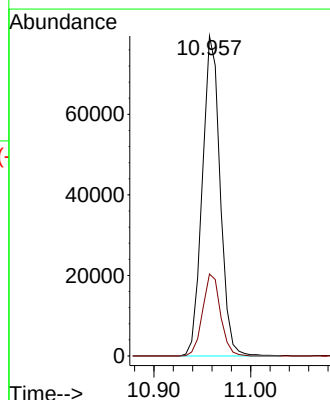
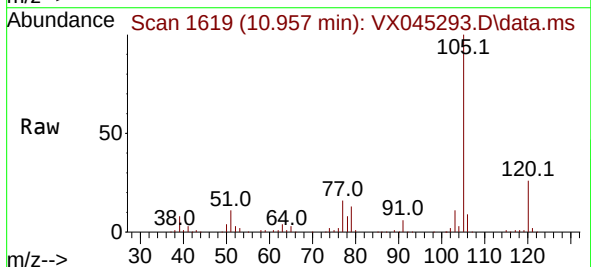
RT: 10.957 min Scan# 1619

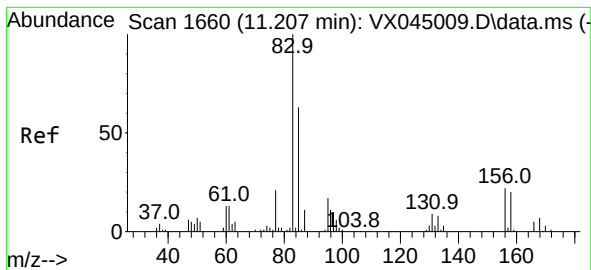
Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

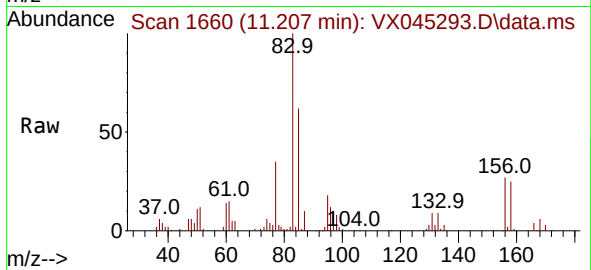
Tgt Ion:105	Resp:	101919
Ion Ratio	Lower	Upper
105	100	
120	25.7	18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.736 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

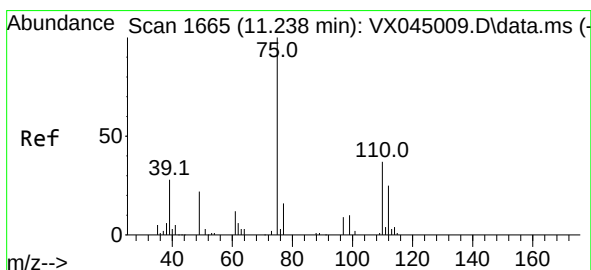
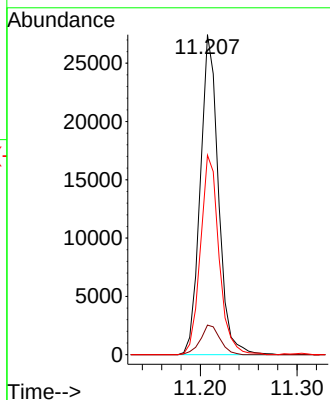
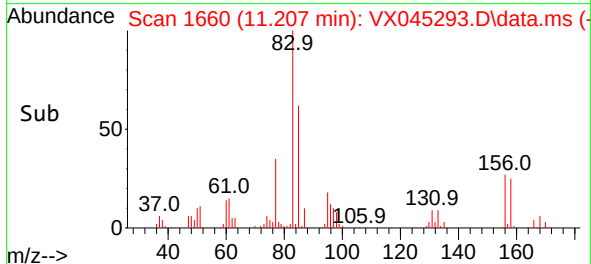
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 83 Resp: 35862
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 63.7 32.3 96.8

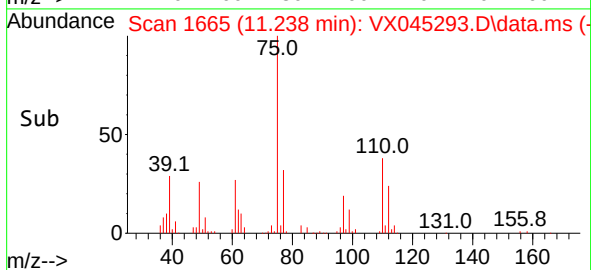
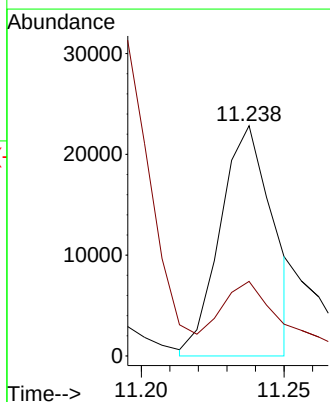
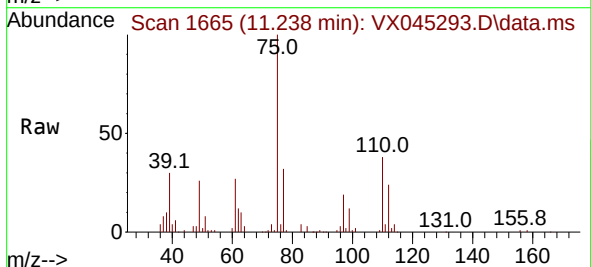
Manual Integrations
APPROVED

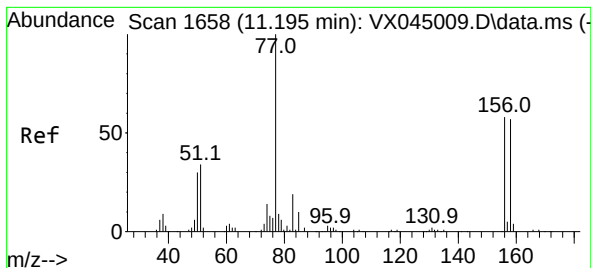
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#72
1,2,3-Trichloropropane
Concen: 20.544 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Tgt Ion: 75 Resp: 29223
Ion Ratio Lower Upper
75 100
77 39.9 0.0 84.0





#73

Bromobenzene

Concen: 19.500 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045293.D

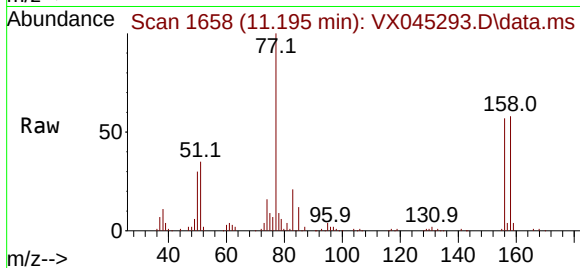
Acq: 14 Mar 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01



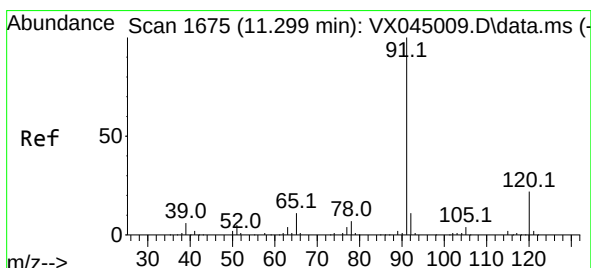
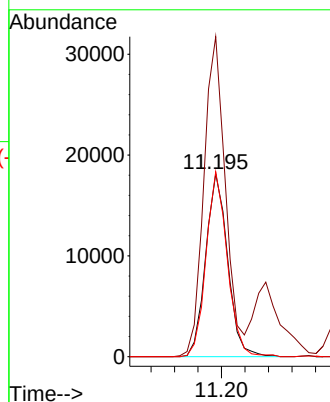
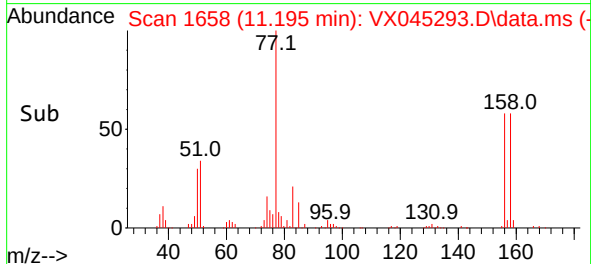
Tgt Ion:	156	Resp:	23609
Ion Ratio	Lower	Upper	
156	100		
77	171.9	0.0	347.2
158	97.4	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#74

n-propylbenzene

Concen: 19.018 ug/l

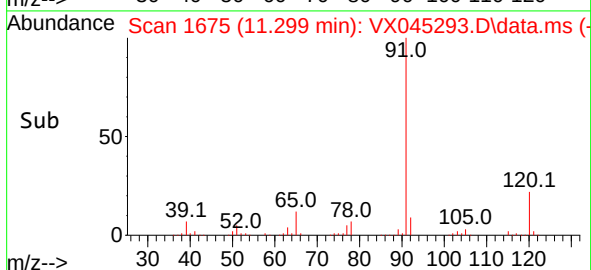
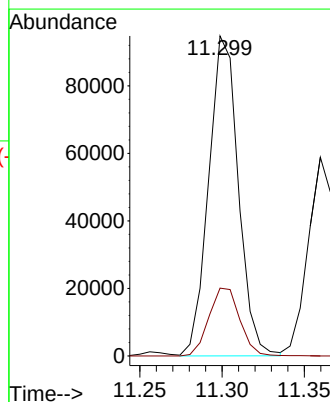
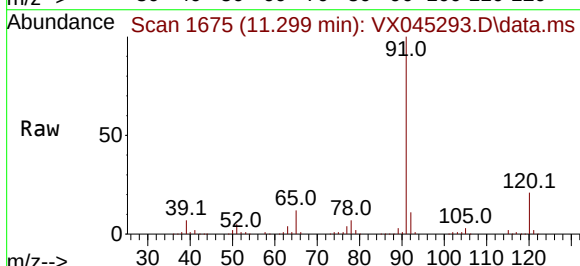
RT: 11.299 min Scan# 1675

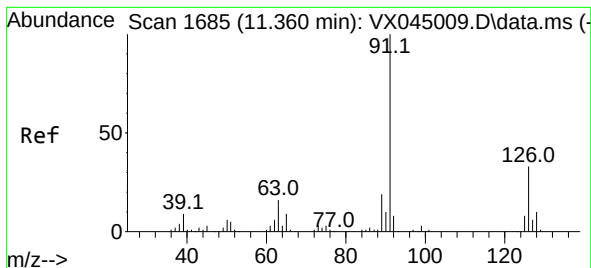
Delta R.T. -0.000 min

Lab File: VX045293.D

Acq: 14 Mar 2025 15:22

Tgt Ion:	91	Resp:	119027
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.2





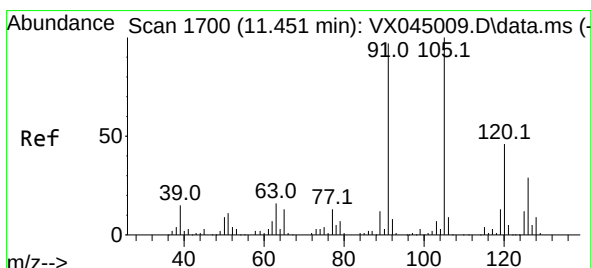
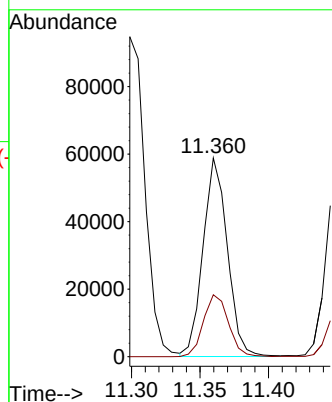
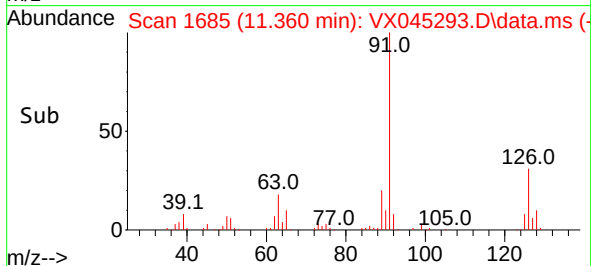
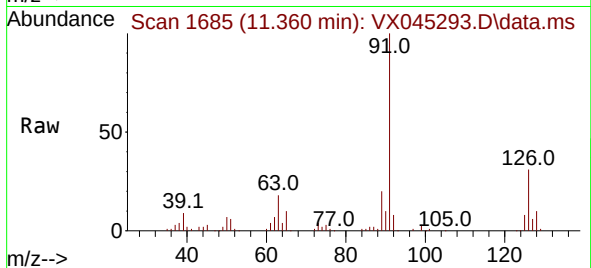
#75
2-Chlorotoluene
Concen: 19.171 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 91 Resp: 72530
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.4

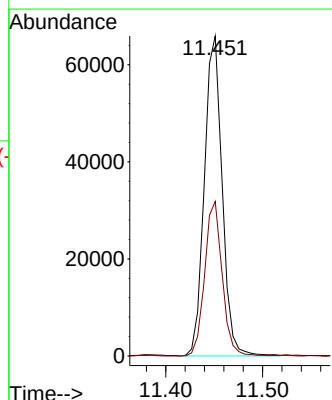
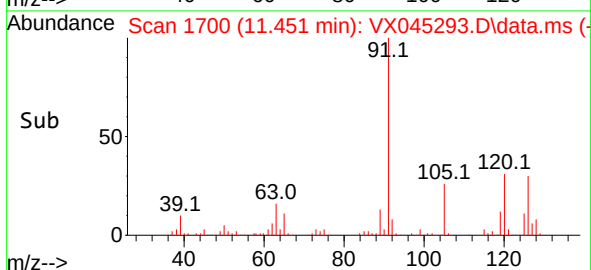
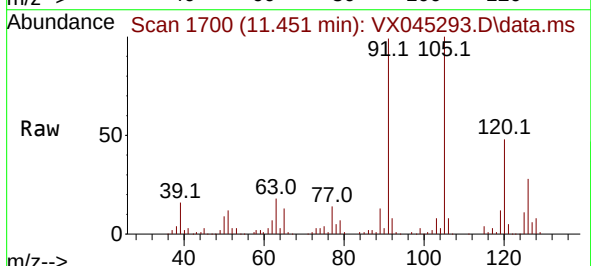
Manual Integrations
APPROVED

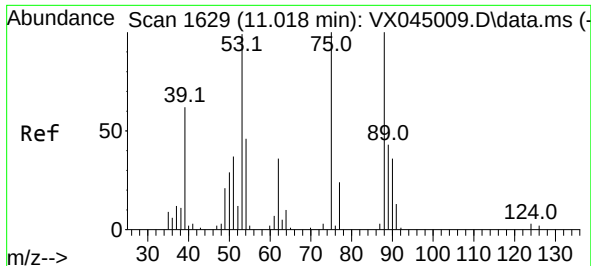
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.546 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

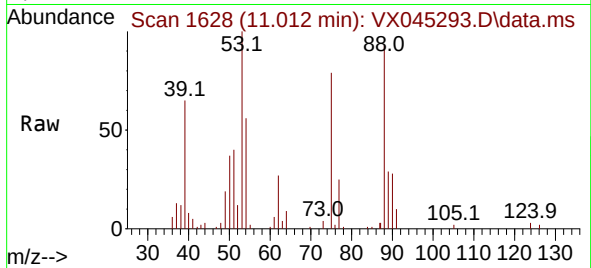
Tgt Ion:105 Resp: 84806
Ion Ratio Lower Upper
105 100
120 47.4 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.700 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

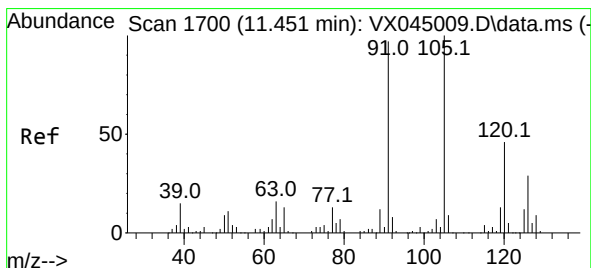
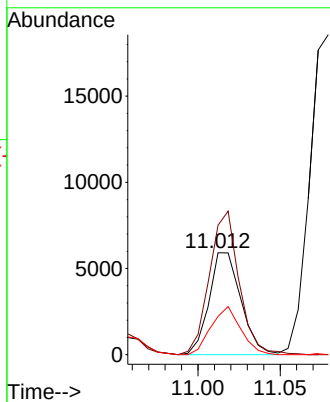
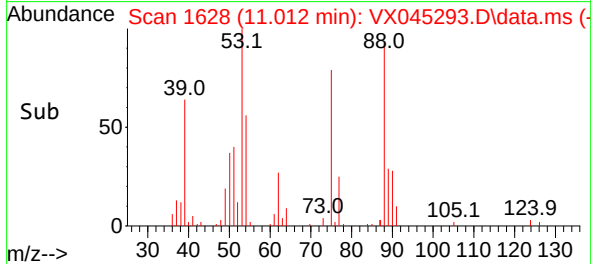
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 75 Resp: 7992
Ion Ratio Lower Upper
75 100
53 126.9 49.8 149.4
89 37.4 21.4 64.2

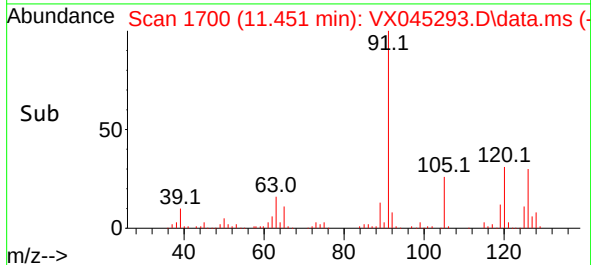
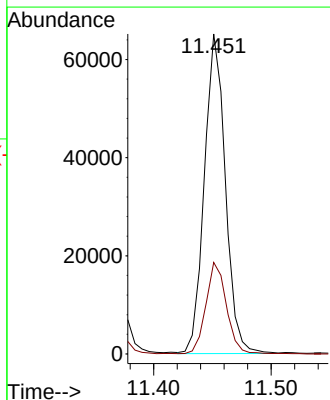
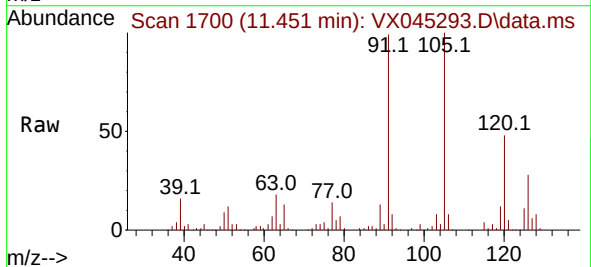
Manual Integrations
APPROVED

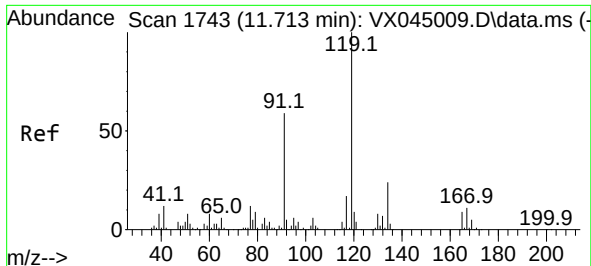
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#78
4-Chlorotoluene
Concen: 19.191 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

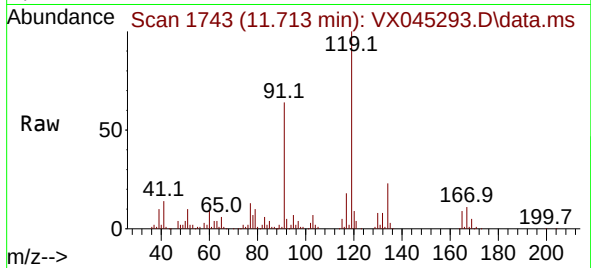
Tgt Ion: 91 Resp: 80945
Ion Ratio Lower Upper
91 100
126 27.6 0.0 58.0





#79
tert-butylbenzene
Concen: 19.337 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

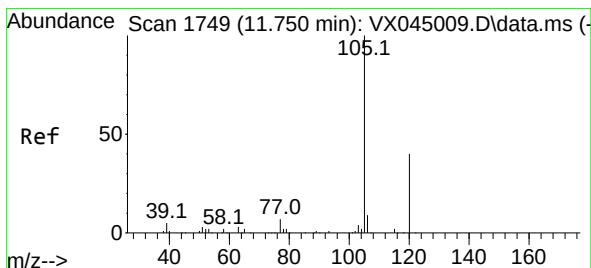
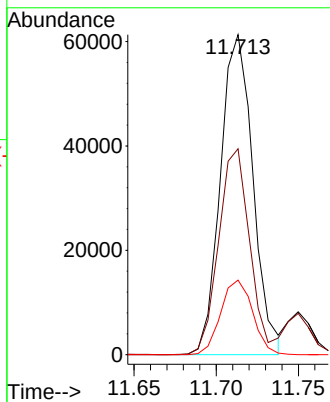
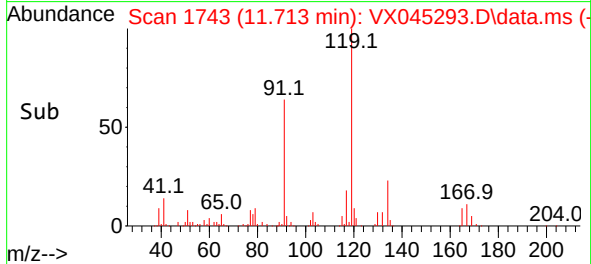
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:119 Resp: 8453
Ion Ratio Lower Upper
119 100
91 60.7 0.0 120.6
134 22.9 0.0 48.2

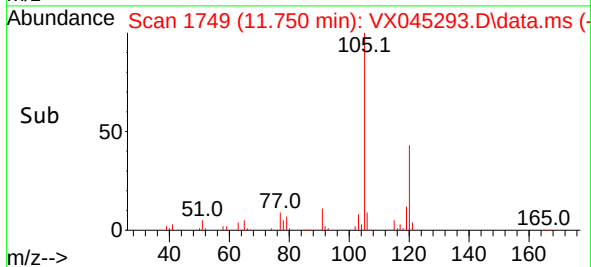
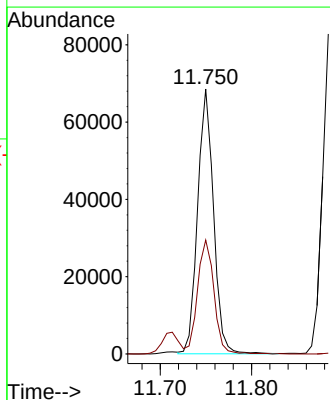
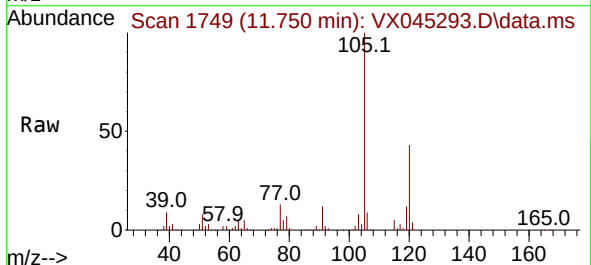
Manual Integrations
APPROVED

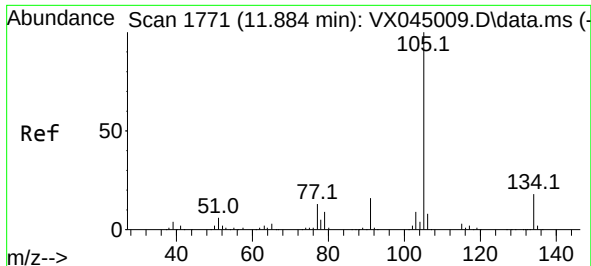
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.087 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

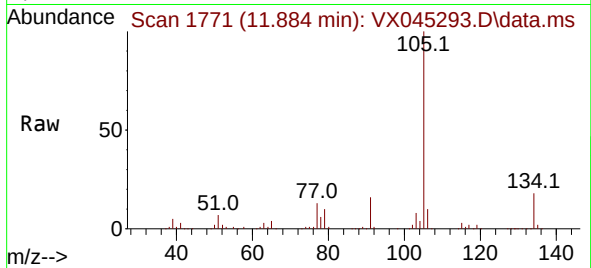
Tgt Ion:105 Resp: 82957
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 19.468 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: VX045293.D
 Acq: 14 Mar 2025 15:22

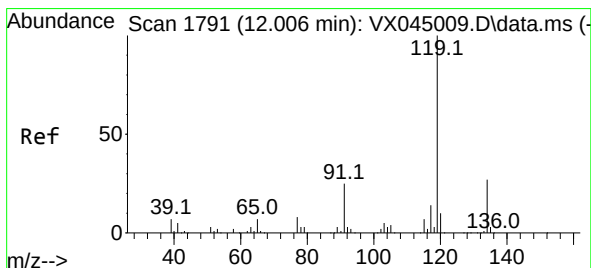
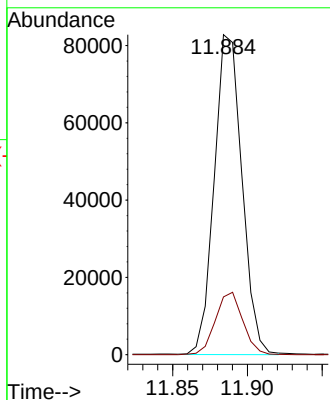
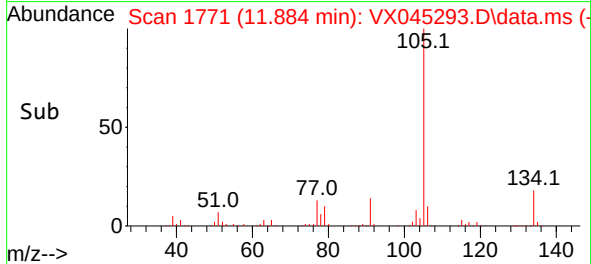
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD01



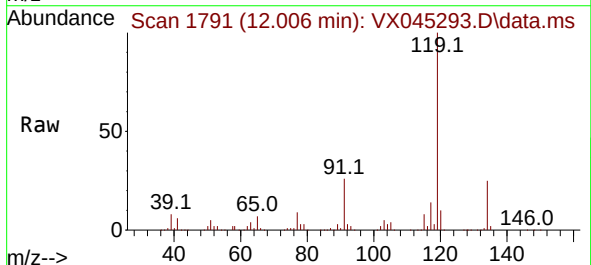
Tgt Ion:105 Resp: 10681
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0

Manual Integrations
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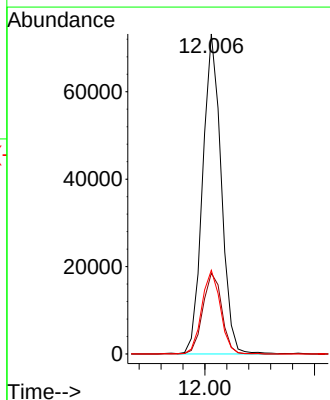
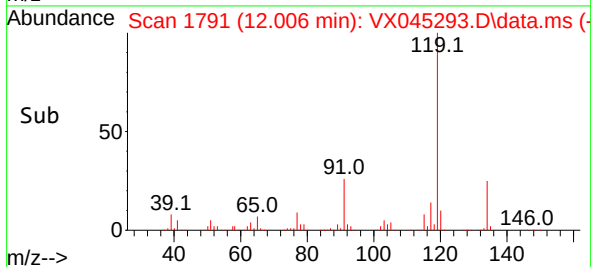
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

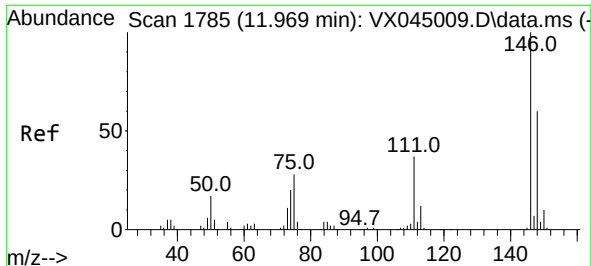


#82
 p-Isopropyltoluene
 Concen: 19.340 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045293.D
 Acq: 14 Mar 2025 15:22



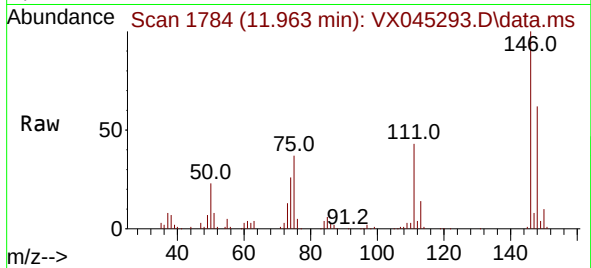
Tgt Ion:119 Resp: 85974
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.6
 91 26.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.492 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

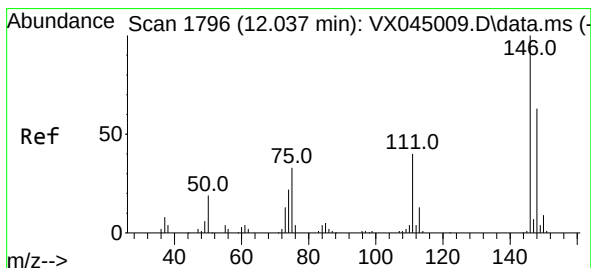
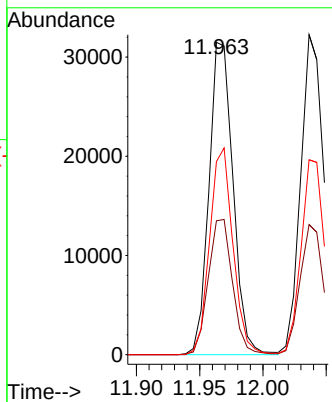
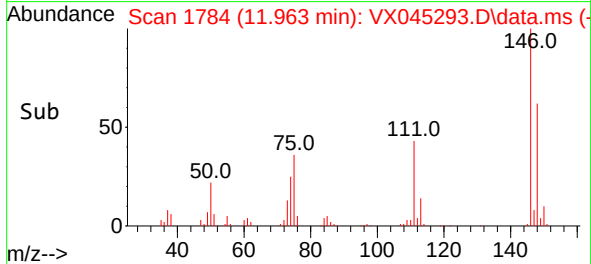
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:146 Resp: 41657
Ion Ratio Lower Upper
146 100
111 43.1 20.2 60.5
148 64.4 31.2 93.6

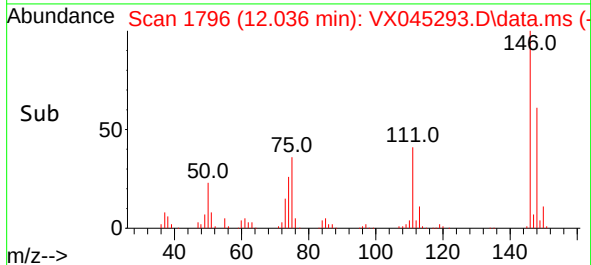
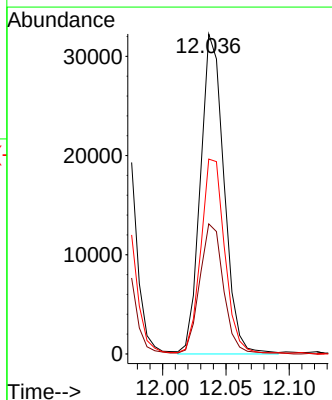
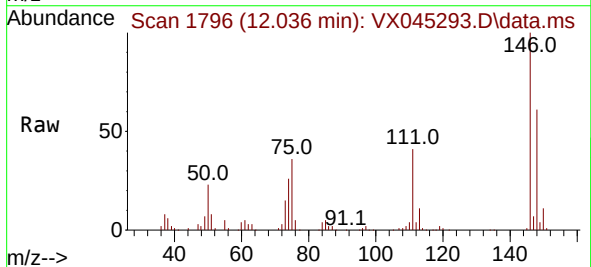
Manual Integrations
APPROVED

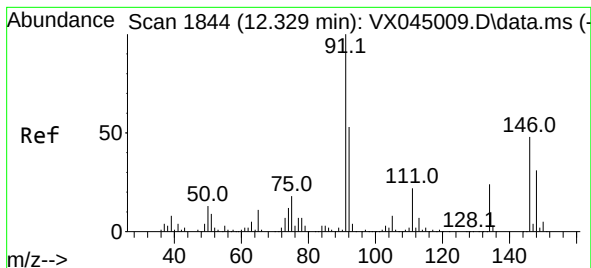
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#84
1,4-Dichlorobenzene
Concen: 18.890 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

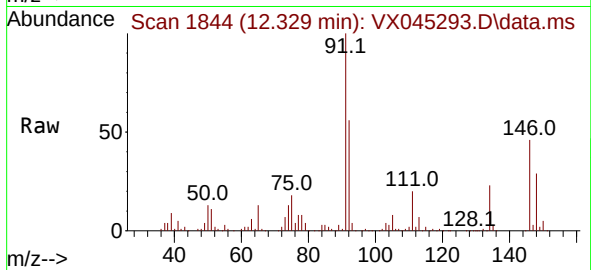
Tgt Ion:146 Resp: 41957
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.2
148 61.9 31.8 95.4





#85
n-Butylbenzene
Concen: 18.675 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

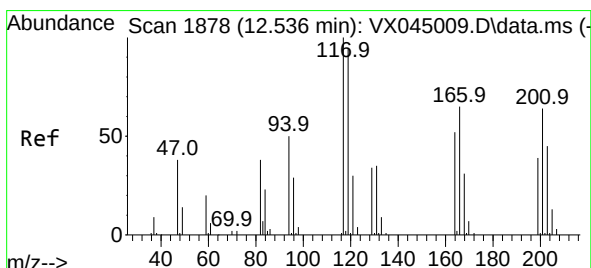
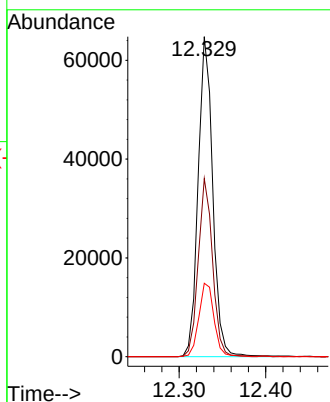
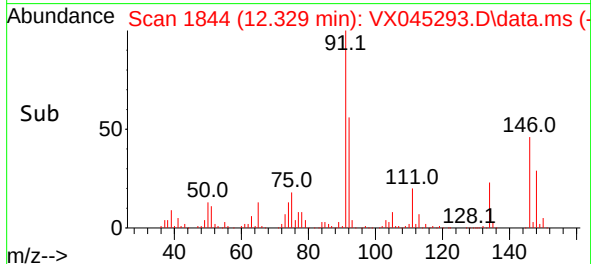
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 91 Resp: 75810
Ion Ratio Lower Upper
91 100
92 54.5 0.0 105.2
134 23.9 0.0 49.4

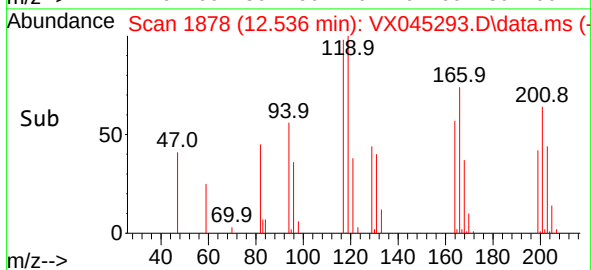
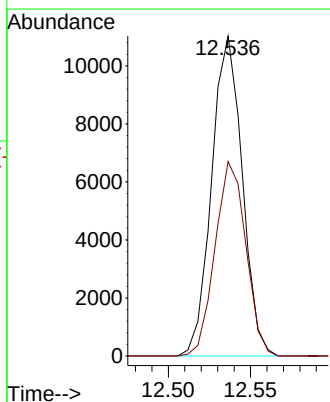
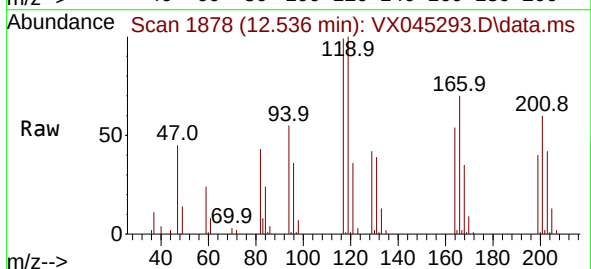
Manual Integrations
APPROVED

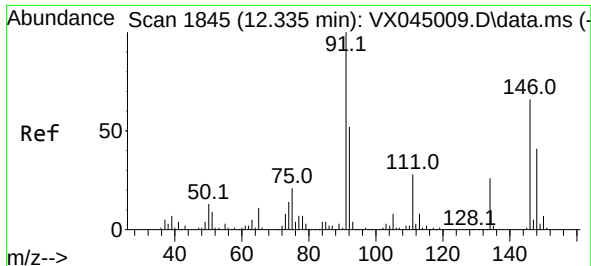
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#86
Hexachloroethane
Concen: 18.178 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

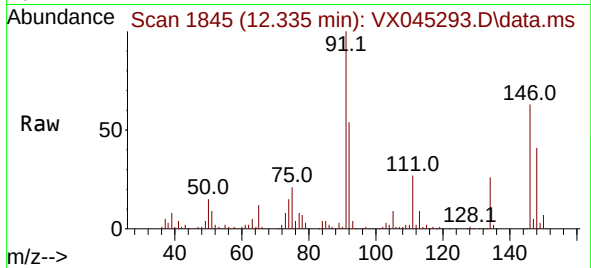
Tgt Ion:117 Resp: 14252
Ion Ratio Lower Upper
117 100
201 61.2 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 19.299 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

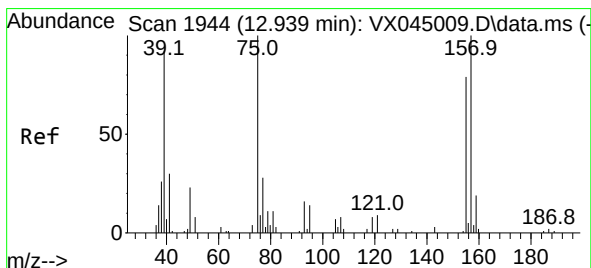
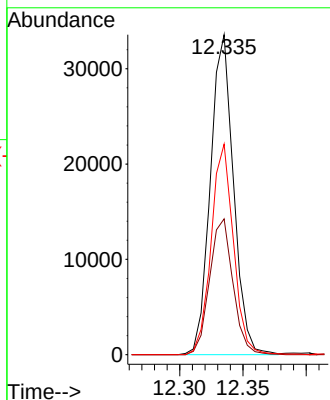
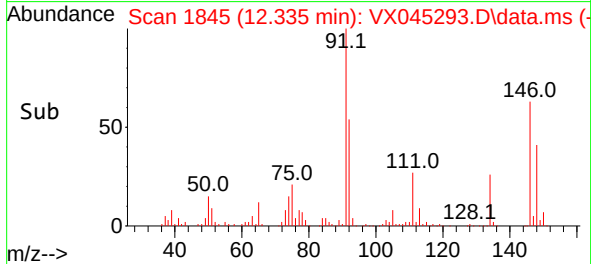
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



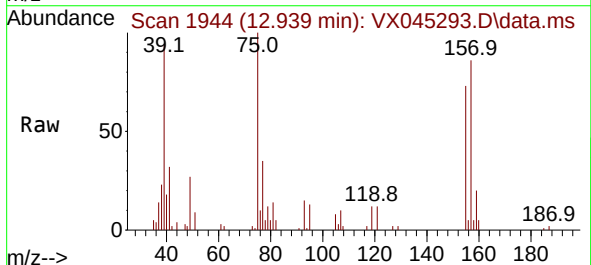
Tgt Ion:146 Resp: 4265
Ion Ratio Lower Upper
146 100
111 42.9 21.7 65.1
148 63.5 31.8 95.4

Manual Integrations
APPROVED

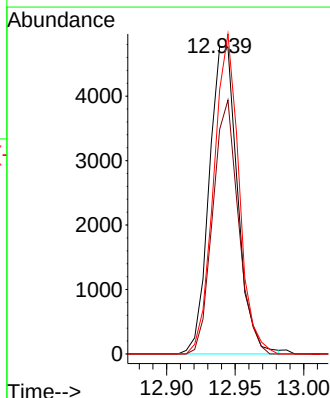
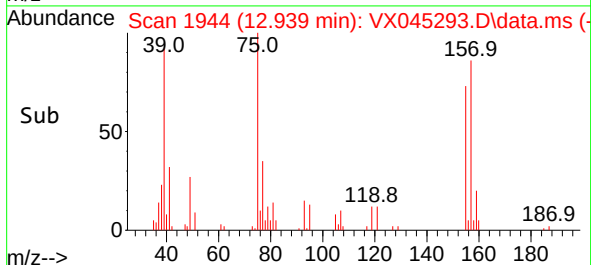
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

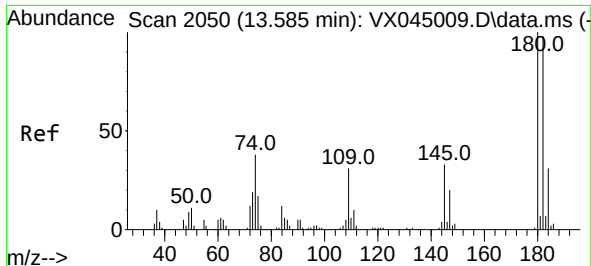


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.460 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22



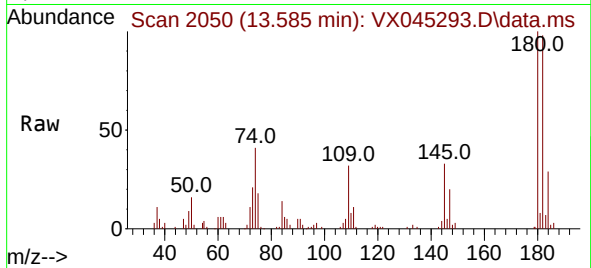
Tgt Ion: 75 Resp: 6851
Ion Ratio Lower Upper
75 100
155 74.6 66.2 99.4
157 92.9 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 17.525 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

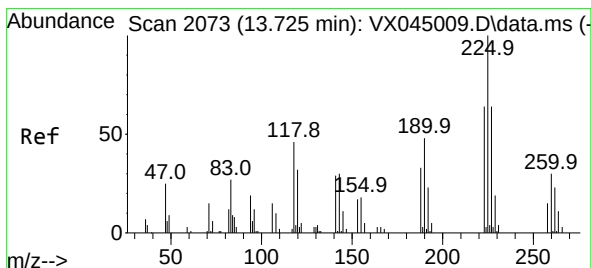
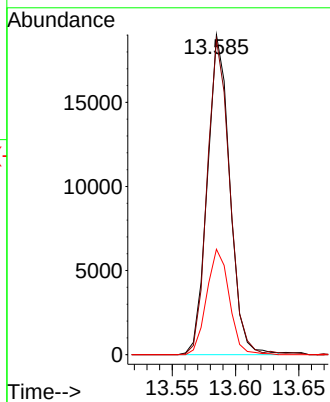
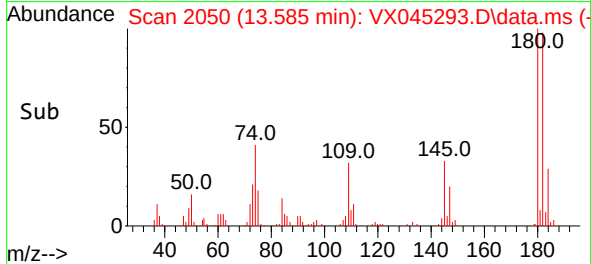
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



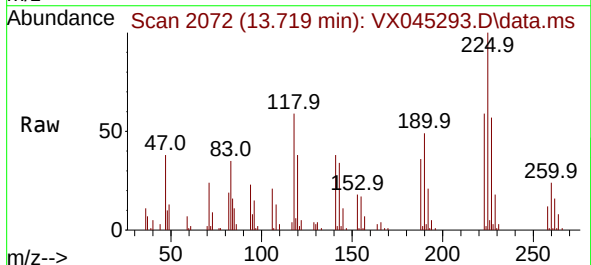
Tgt Ion:180 Resp: 23470
Ion Ratio Lower Upper
180 100
182 98.0 77.7 116.5
145 33.1 25.8 38.6

Manual Integrations
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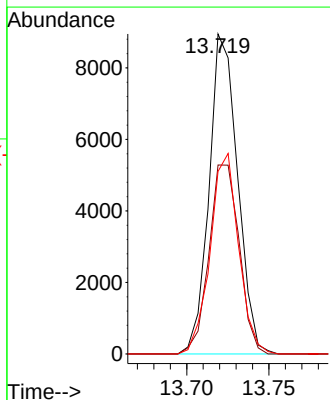
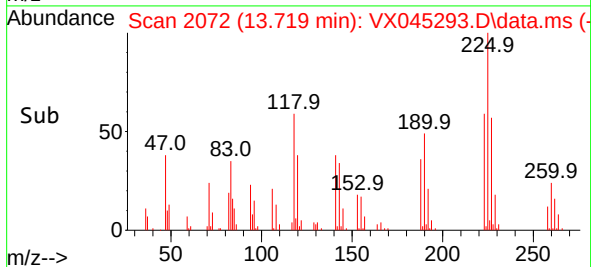
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

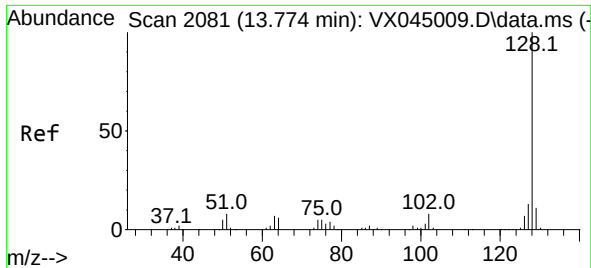


#90
Hexachlorobutadiene
Concen: 19.762 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22



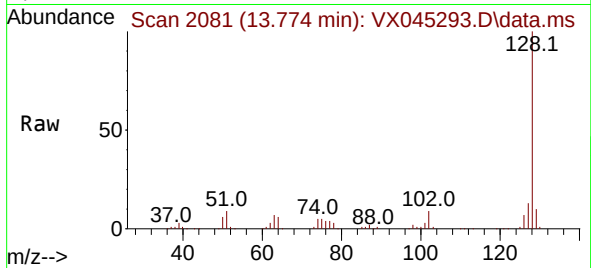
Tgt Ion:225 Resp: 10796
Ion Ratio Lower Upper
225 100
223 62.6 0.0 123.4
227 62.4 0.0 127.4





#91
Naphthalene
Concen: 18.439 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22

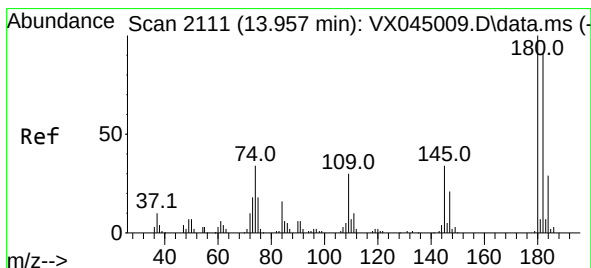
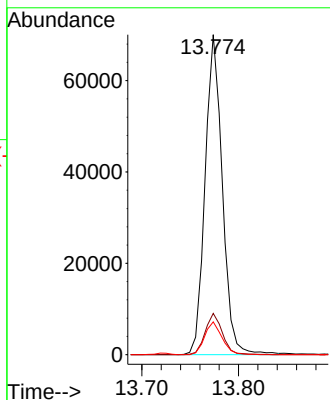
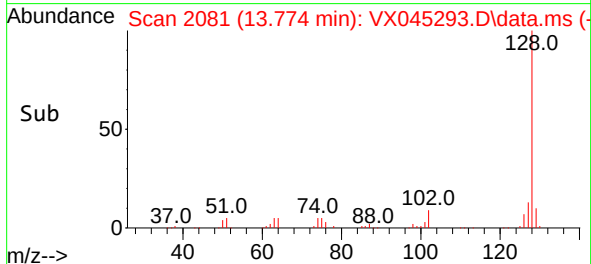
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



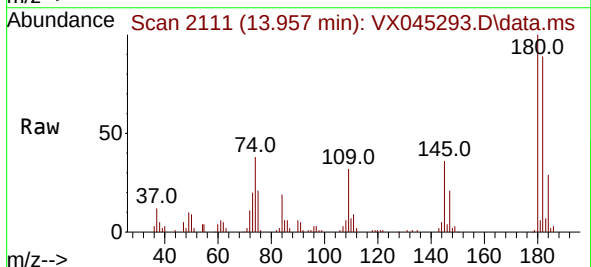
Tgt Ion:128 Resp: 8709
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.985 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045293.D
Acq: 14 Mar 2025 15:22



Tgt Ion:180 Resp: 24804
Ion Ratio Lower Upper
180 100
182 91.8 0.0 186.6
145 35.1 0.0 68.4

