

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045909.D
 Acq On : 23 Apr 2025 13:50
 Operator : JC/MD
 Sample : VX0423WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:15:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	85453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81919	52.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	5.379	113	56661	52.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	8.646	98	187968	50.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	72095	52.987	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23510	18.397	ug/l	99
3) Chloromethane	1.306	50	22275	16.966	ug/l	99
4) Vinyl Chloride	1.373	62	21427	17.834	ug/l	96
5) Bromomethane	1.593	94	10269	18.026	ug/l	96
6) Chloroethane	1.672	64	12614	19.788	ug/l	96
7) Trichlorofluoromethane	1.873	101	35552	19.843	ug/l	99
8) Diethyl Ether	2.129	74	11863	19.722	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	21361	20.346	ug/l	98
10) Methyl Iodide	2.446	142	24845	18.973	ug/l	96
11) Tert butyl alcohol	2.965	59	21914	104.344	ug/l	98
12) 1,1-Dichloroethene	2.312	96	19277	18.791	ug/l	98
13) Acrolein	2.233	56	38041	131.535	ug/l	100
14) Allyl chloride	2.660	41	37725	19.381	ug/l	99
15) Acrylonitrile	3.062	53	65932	99.453	ug/l	98
16) Acetone	2.379	43	63982	99.708	ug/l	99
17) Carbon Disulfide	2.501	76	35584	14.044	ug/l	97
18) Methyl Acetate	2.702	43	38429	26.011	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	74308	20.706	ug/l	99
20) Methylene Chloride	2.788	84	23000	19.145	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	19288	18.404	ug/l	96
22) Diisopropyl ether	3.757	45	79641	20.771	ug/l #	87
23) Vinyl Acetate	3.721	43	325089	98.133	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43068	19.862	ug/l	100
25) 2-Butanone	4.556	43	95524	101.696	ug/l	98
26) 2,2-Dichloropropane	4.470	77	30553	21.808	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	24908	19.507	ug/l	98
28) Bromochloromethane	4.891	49	24571	23.449	ug/l	99
29) Tetrahydrofuran	5.001	42	61509	101.003	ug/l	98
30) Chloroform	5.092	83	46878	21.010	ug/l	97
31) Cyclohexane	5.458	56	35032	18.275	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	39105	20.713	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28272	19.566	ug/l	99
37) Ethyl Acetate	4.714	43	34074	18.712	ug/l	98
38) Carbon Tetrachloride	5.665	117	32640	20.901	ug/l	94
39) Methylcyclohexane	7.378	83	33546	18.939	ug/l	99
40) Benzene	6.037	78	87867	19.910	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20549	21.387	ug/l	99
42) 1,2-Dichloroethane	6.080	62	38325	21.026	ug/l	99
43) Isopropyl Acetate	6.336	43	56023	20.299	ug/l	99
44) Trichloroethene	7.122	130	20735	19.768	ug/l	94
45) 1,2-Dichloropropane	7.427	63	22965	20.856	ug/l	95
46) Dibromomethane	7.580	93	17254	20.413	ug/l	98
47) Bromodichloromethane	7.817	83	34946	20.702	ug/l	97
48) Methyl methacrylate	7.695	41	29121	20.436	ug/l	99
49) 1,4-Dioxane	7.665	88	11832	458.924	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	195071	106.619	ug/l	99
52) Toluene	8.714	92	52863	19.796	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28413	18.991	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	32252	20.332	ug/l	96
55) 1,1,2-Trichloroethane	9.146	97	21615	20.313	ug/l	95
56) Ethyl methacrylate	9.116	69	34760	21.107	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38236	20.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	74324	89.215	ug/l	98
59) 2-Hexanone	9.427	43	143481	105.900	ug/l	98
60) Dibromochloromethane	9.518	129	24122	20.793	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22215	20.623	ug/l	98
64) Tetrachloroethene	9.268	164	19153	20.472	ug/l	97
65) Chlorobenzene	10.079	112	58873	20.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	20315	20.665	ug/l	99
67) Ethyl Benzene	10.189	91	104229	20.553	ug/l	98
68) m/p-Xylenes	10.299	106	75996	41.202	ug/l	99
69) o-Xylene	10.640	106	37710	20.754	ug/l	100
70) Styrene	10.652	104	61600	20.541	ug/l	98
71) Bromoform	10.799	173	14540	19.809	ug/l #	99
73) Isopropylbenzene	10.957	105	99859	20.258	ug/l	100
74) N-amyl acetate	10.841	43	47017	19.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34729	20.056	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29837m	19.877	ug/l	
77) Bromobenzene	11.195	156	23085	20.269	ug/l	99
78) n-propylbenzene	11.298	91	114462	20.160	ug/l	99
79) 2-Chlorotoluene	11.359	91	72485	19.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	83395	20.460	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7862	17.776	ug/l	95
82) 4-Chlorotoluene	11.451	91	80962	20.006	ug/l	100
83) tert-Butylbenzene	11.713	119	82251	20.382	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	83120	20.317	ug/l	100
85) sec-Butylbenzene	11.890	105	103988	20.980	ug/l	99
86) p-Isopropyltoluene	12.006	119	83465	20.426	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41258	19.901	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	41008	19.511	ug/l	97
89) n-Butylbenzene	12.329	91	71112	20.068	ug/l	99
90) Hexachloroethane	12.536	117	14132	20.123	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42403	20.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7719	21.315	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	22432	19.552	ug/l	99
94) Hexachlorobutadiene	13.719	225	10674	21.590	ug/l	95
95) Naphthalene	13.774	128	84459	19.781	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24506	20.398	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

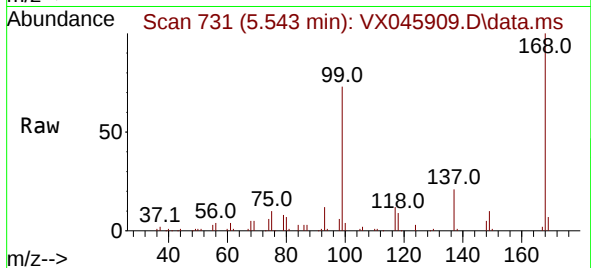
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045909.D
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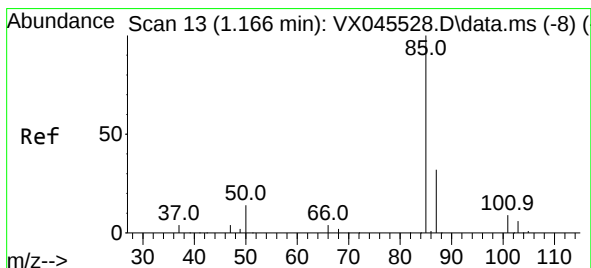
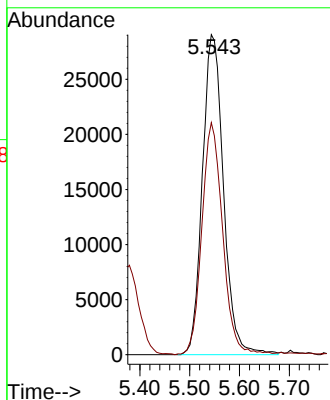
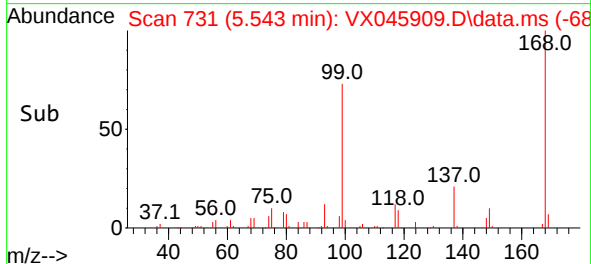
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion:168 Resp: 8545
Ion Ratio Lower Upper
168 100
99 72.3 52.3 78.5

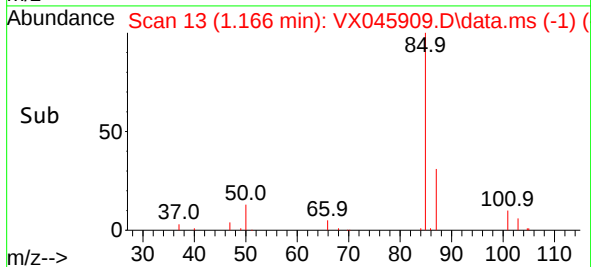
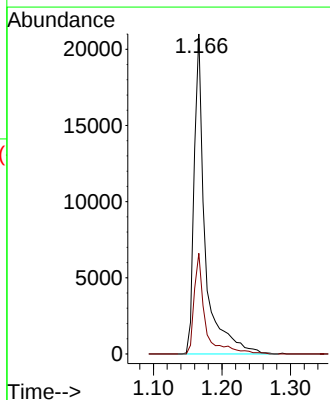
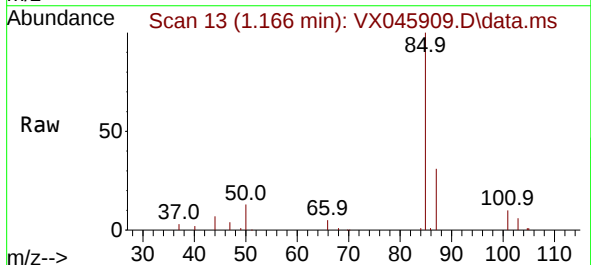
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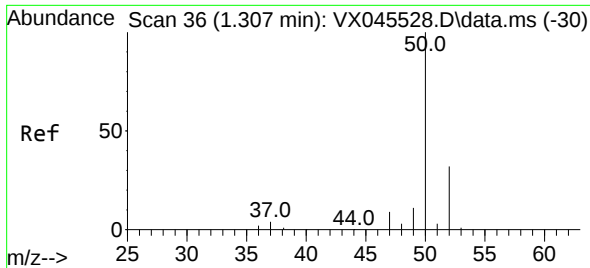
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 18.397 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 85 Resp: 23510
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2





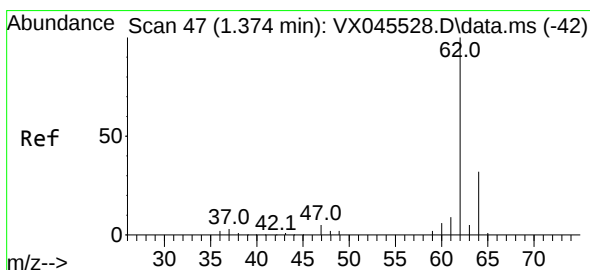
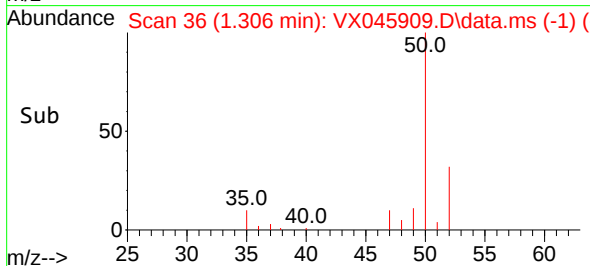
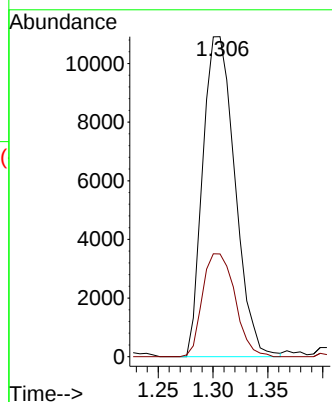
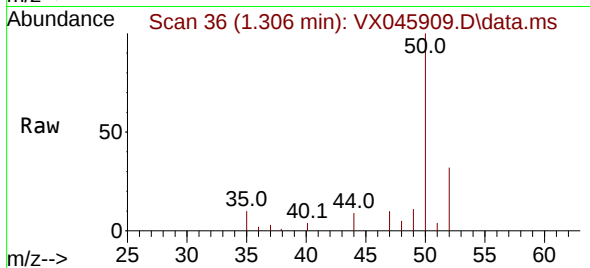
#3
Chloromethane
Concen: 16.966 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 50 Resp: 2227
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9

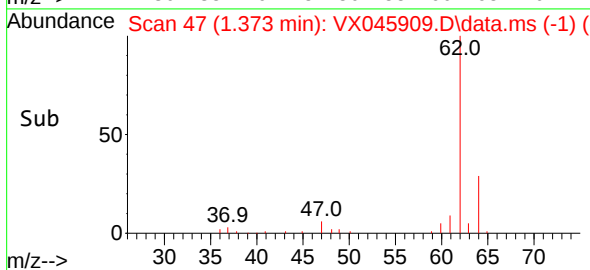
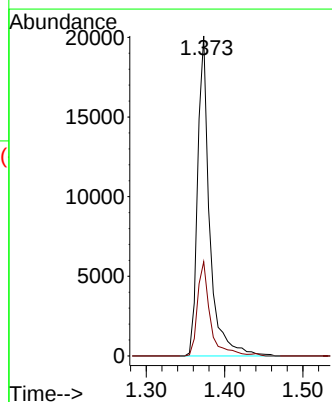
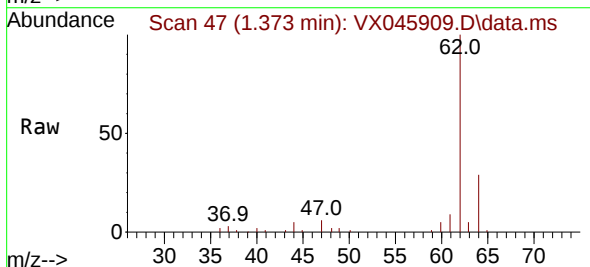
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#4
Vinyl Chloride
Concen: 17.834 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

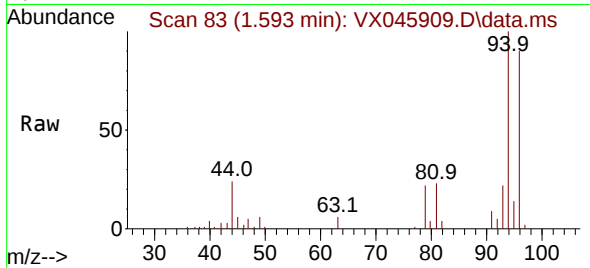
Tgt Ion: 62 Resp: 21427
Ion Ratio Lower Upper
62 100
64 29.4 25.5 38.3





#5
Bromomethane
Concen: 18.026 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

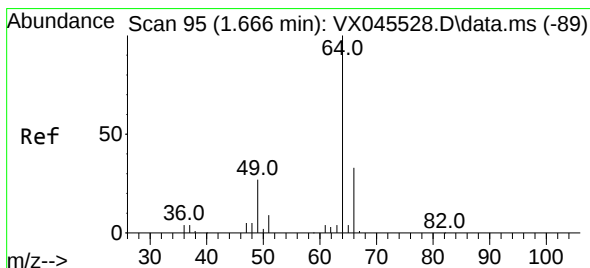
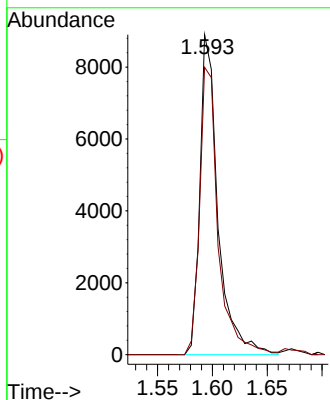
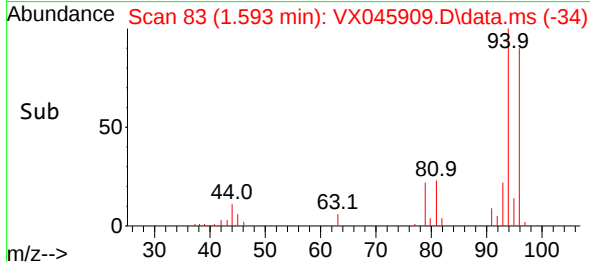
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 94 Resp: 10269
Ion Ratio Lower Upper
94 100
96 89.8 74.8 112.2

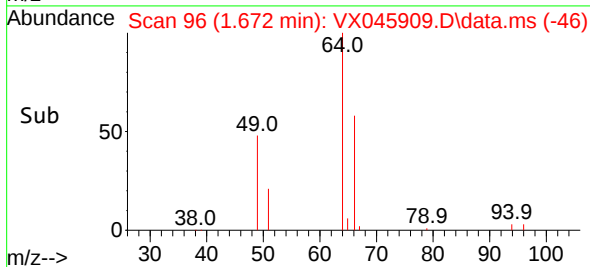
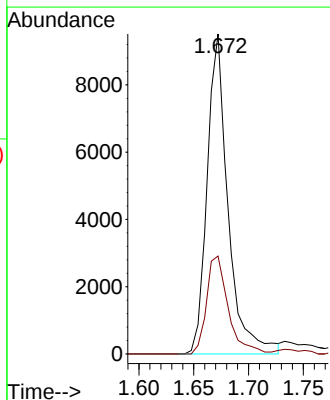
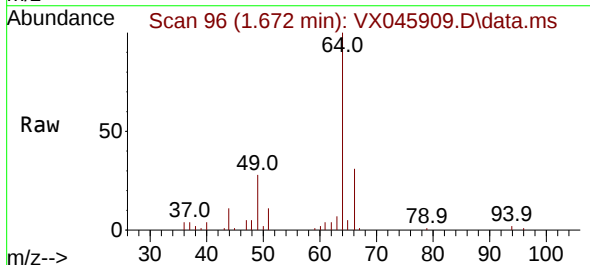
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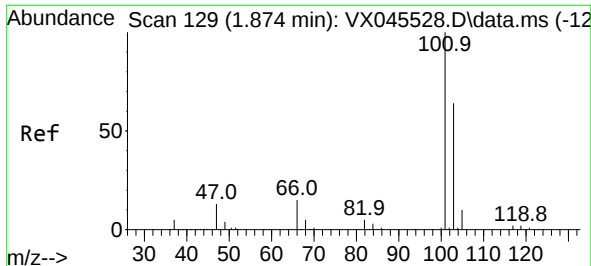
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#6
Chloroethane
Concen: 19.788 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

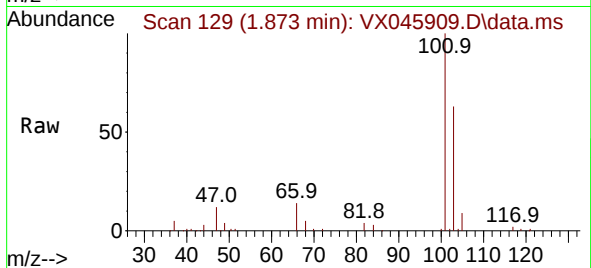
Tgt Ion: 64 Resp: 12614
Ion Ratio Lower Upper
64 100
66 30.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 19.843 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

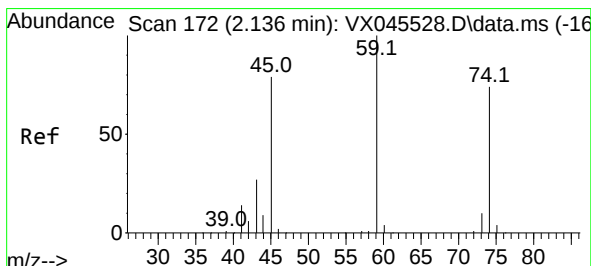
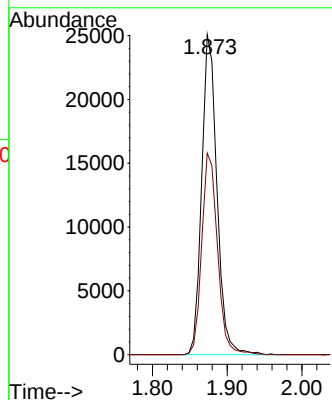
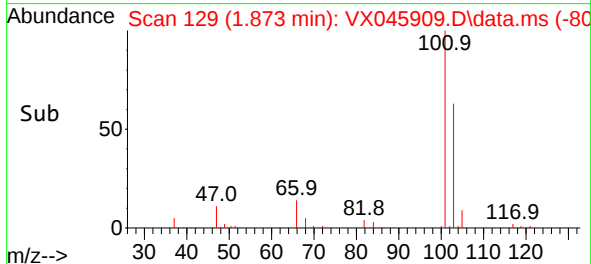
Instrument :
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Tgt Ion:101 Resp: 3555
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.1 76.7

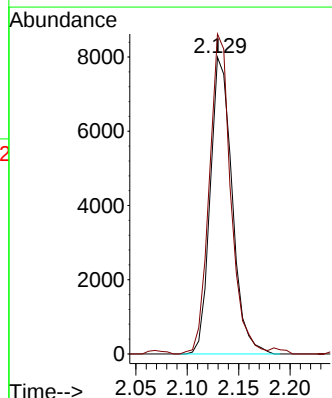
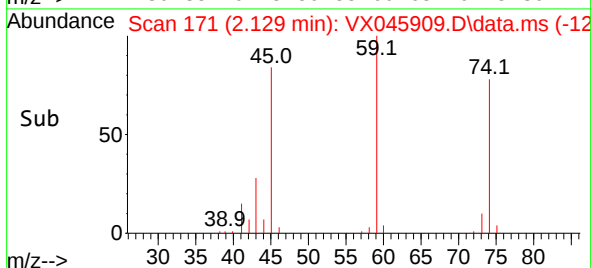
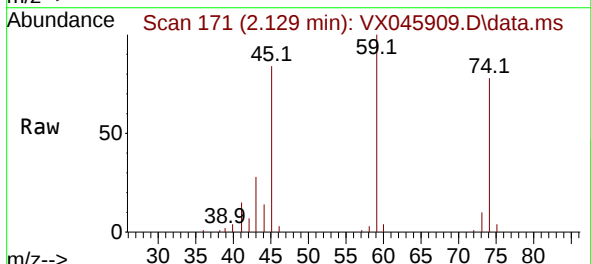
Manual Integrations
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#8
 Diethyl Ether
 Concen: 19.722 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

Tgt Ion: 74 Resp: 11863
 Ion Ratio Lower Upper
 74 100
 45 106.3 53.0 159.1





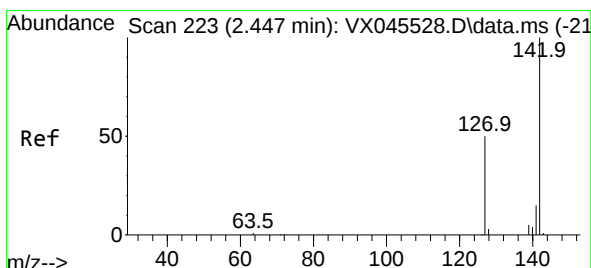
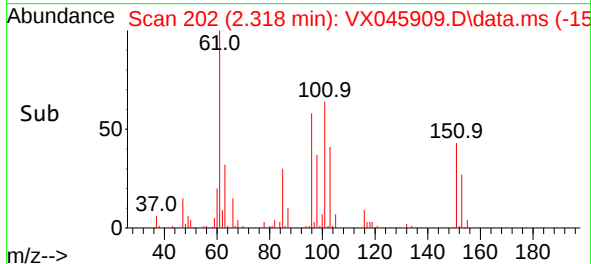
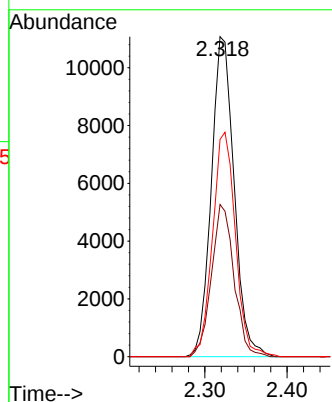
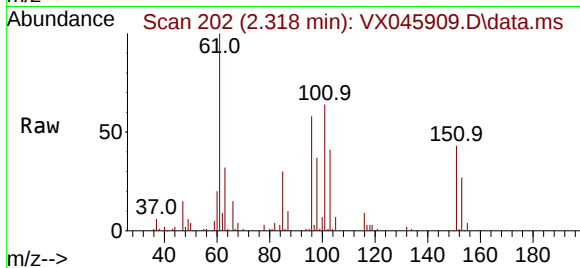
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.346 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045909.D
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Instrument :
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Tgt Ion:101 Resp: 2136
Ion Ratio Lower Upper
101 100
85 47.0 38.9 58.3
151 70.4 57.5 86.3

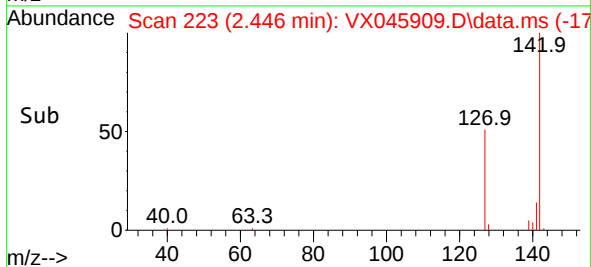
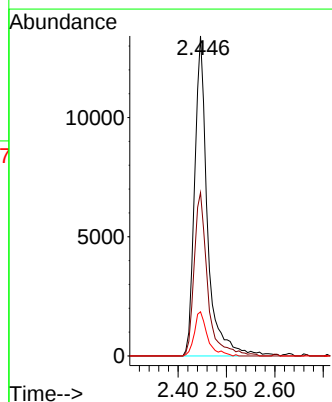
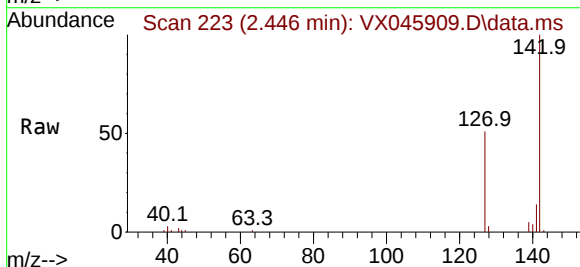
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
Methyl Iodide
Concen: 18.973 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

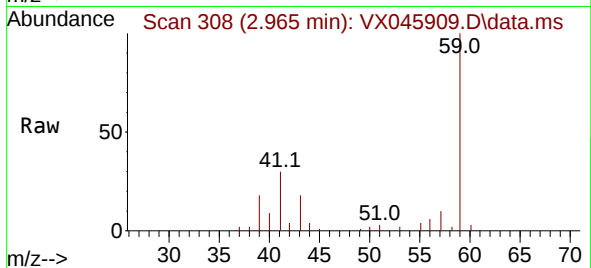
Tgt Ion:142 Resp: 24845
Ion Ratio Lower Upper
142 100
127 53.3 40.2 60.4
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 104.344 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

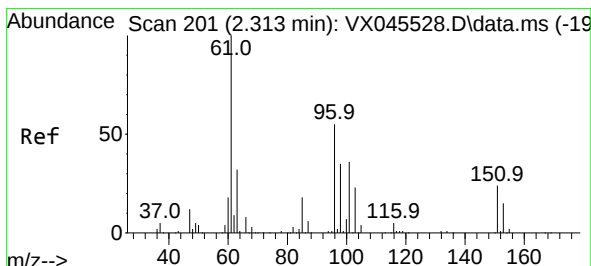
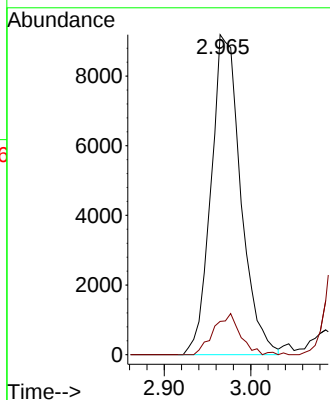
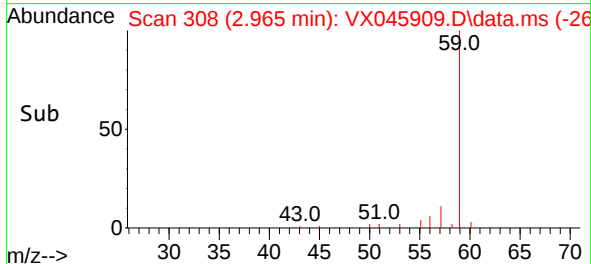
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 59 Resp: 21914
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

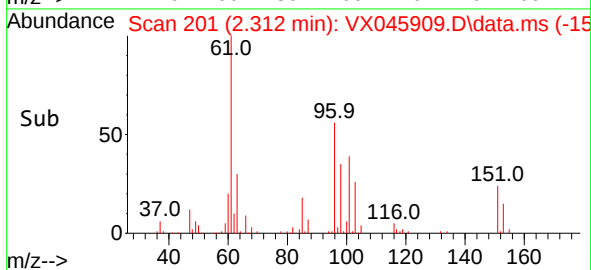
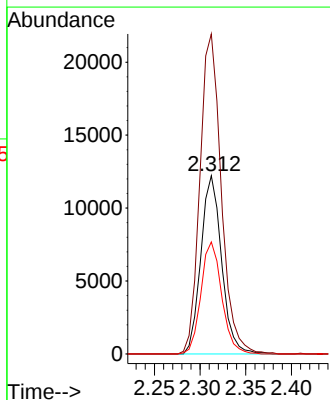
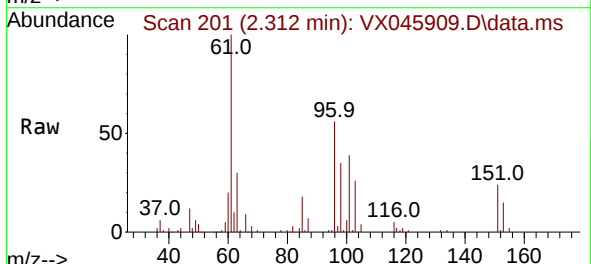
Manual Integrations
APPROVED

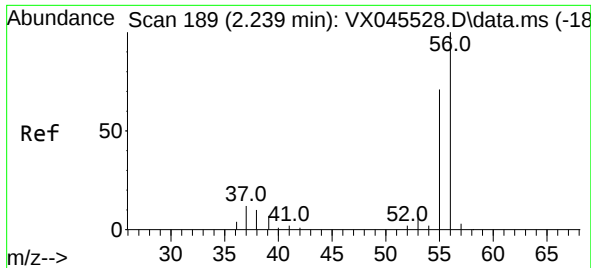
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
1,1-Dichloroethene
Concen: 18.791 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

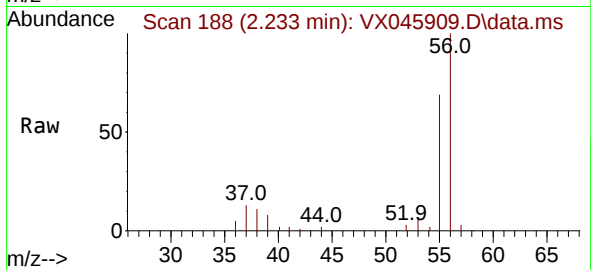
Tgt Ion: 96 Resp: 19277
Ion Ratio Lower Upper
96 100
61 179.6 145.7 218.5
98 62.9 51.6 77.4





#13
Acrolein
Concen: 131.535 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

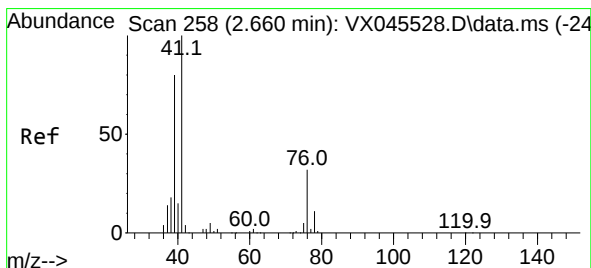
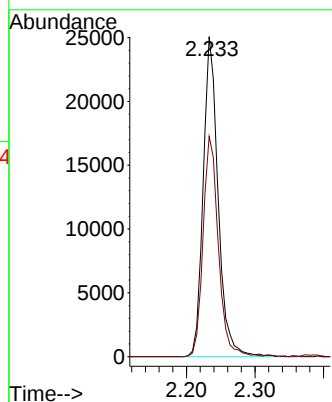
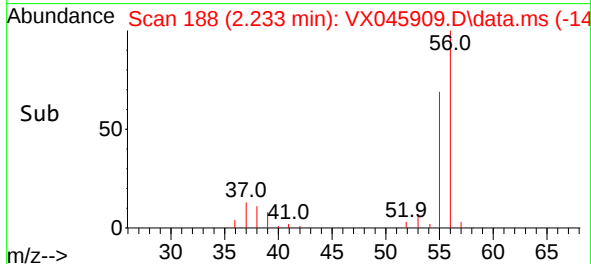
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 56 Resp: 3804
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.2

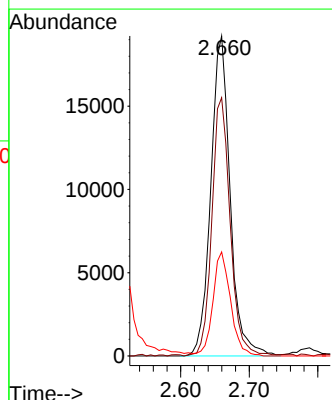
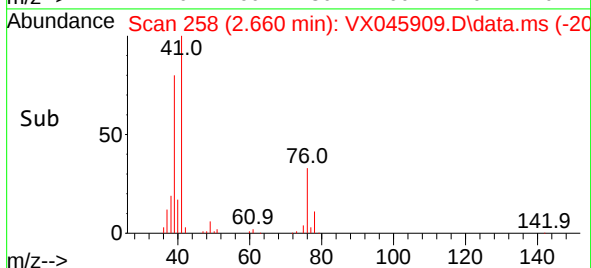
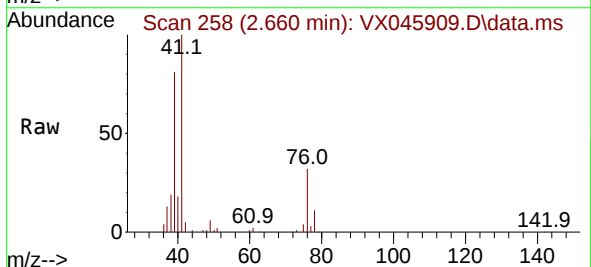
Manual Integrations
APPROVED

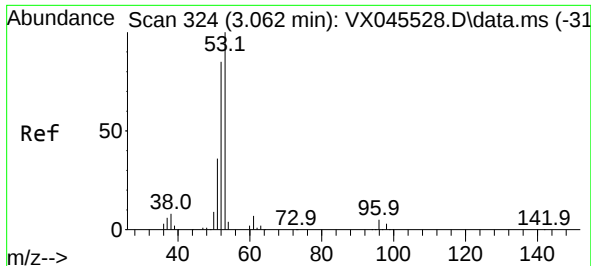
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Allyl chloride
Concen: 19.381 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

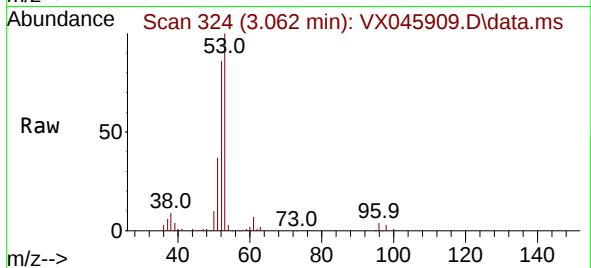
Tgt Ion: 41 Resp: 37725
Ion Ratio Lower Upper
41 100
39 76.3 60.2 90.2
76 29.7 24.6 36.8





#15
Acrylonitrile
Concen: 99.453 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

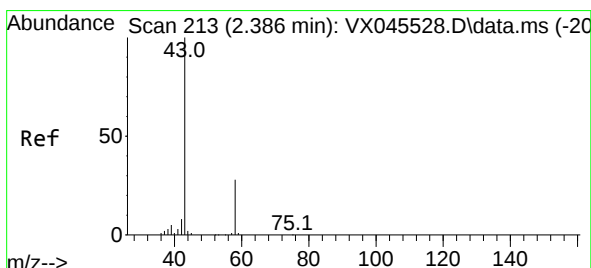
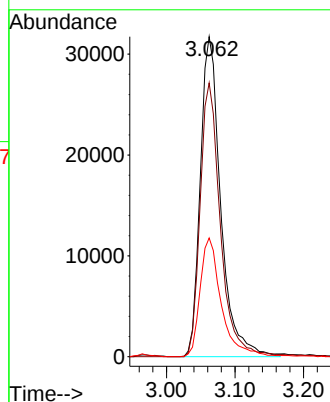
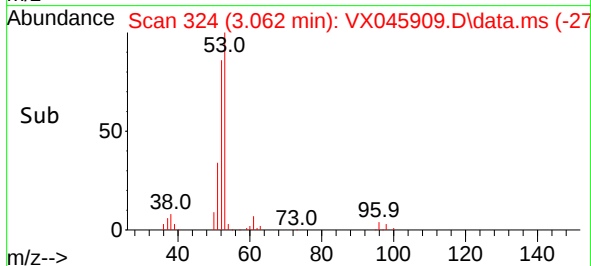
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 53 Resp: 65932
Ion Ratio Lower Upper
53 100
52 85.4 67.4 101.2
51 38.7 29.9 44.9

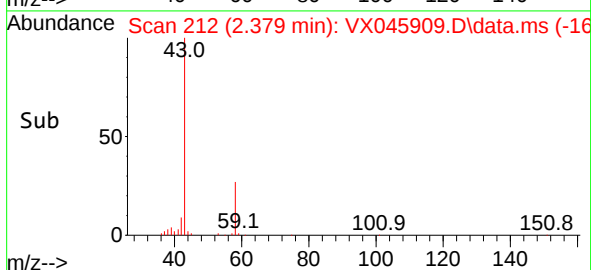
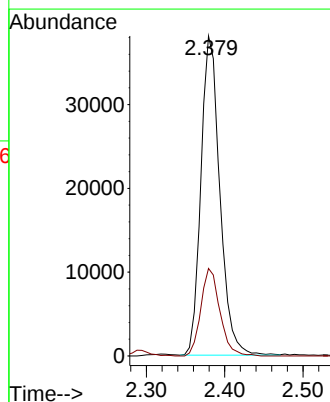
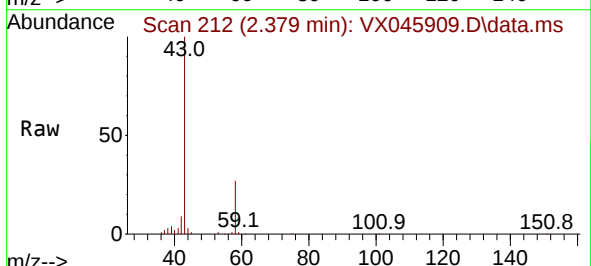
Manual Integrations
APPROVED

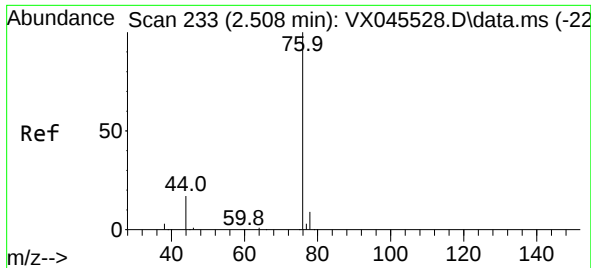
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#16
Acetone
Concen: 99.708 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

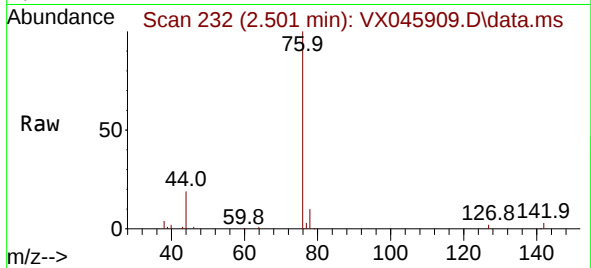
Tgt Ion: 43 Resp: 63982
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5





#17
Carbon Disulfide
Concen: 14.044 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

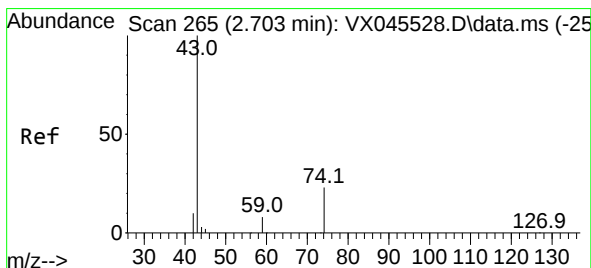
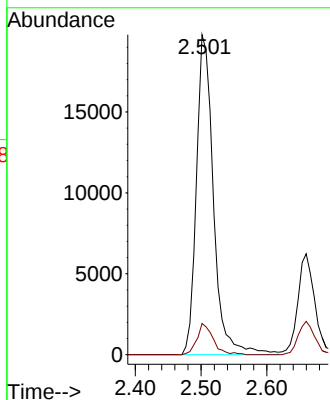
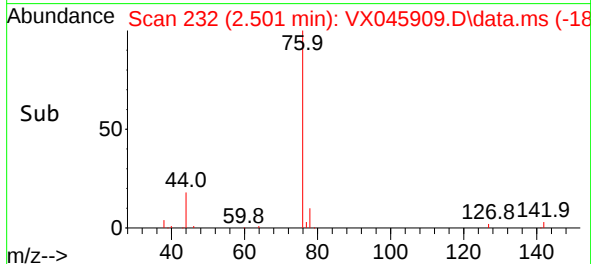
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



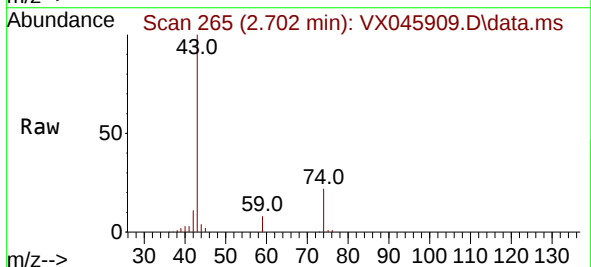
Tgt Ion: 76 Resp: 35584
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

Manual Integrations
APPROVED

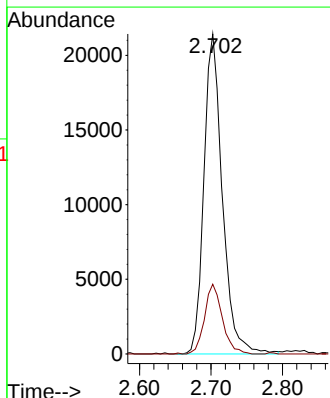
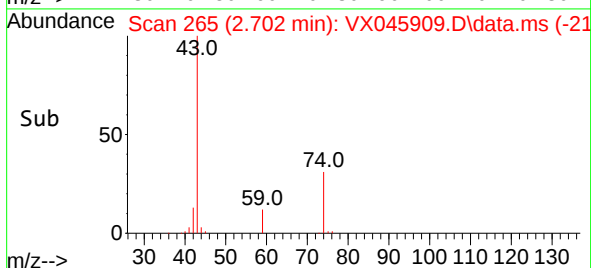
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

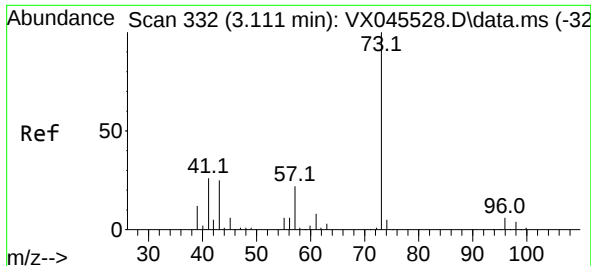


#18
Methyl Acetate
Concen: 26.011 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50



Tgt Ion: 43 Resp: 38429
Ion Ratio Lower Upper
43 100
74 21.0 17.5 26.3





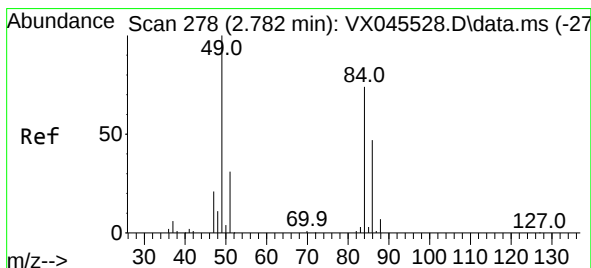
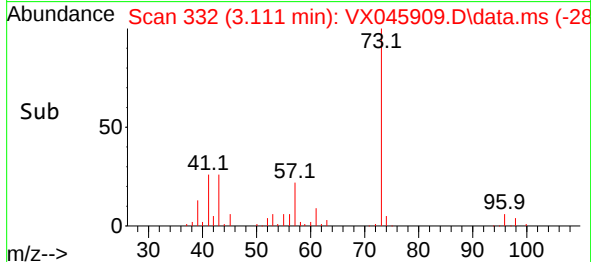
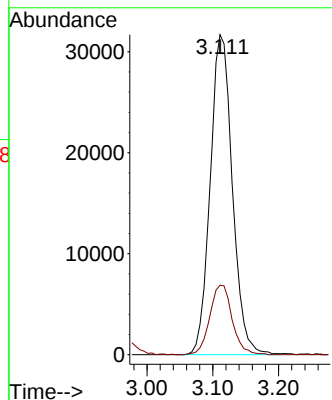
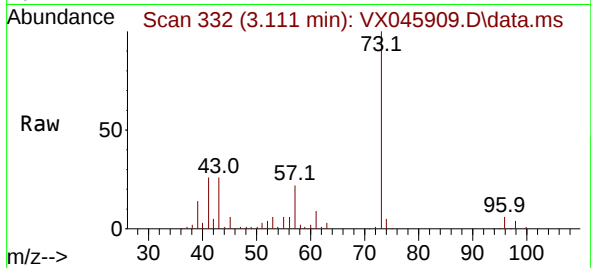
#19
Methyl tert-butyl Ether
Concen: 20.706 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 73 Resp: 74308
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

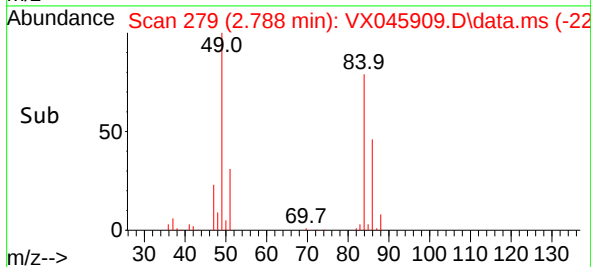
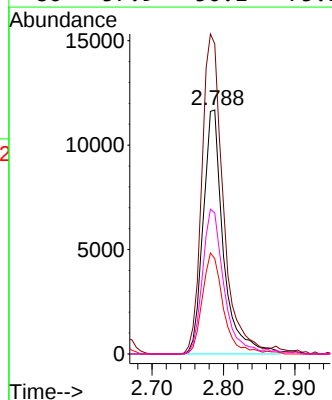
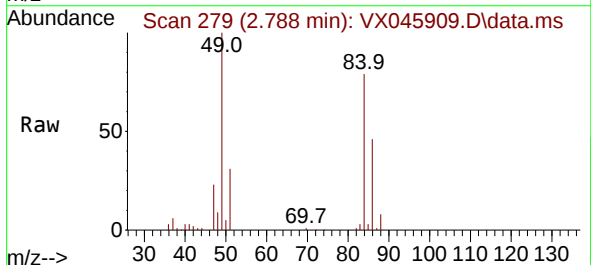
Manual Integrations
APPROVED

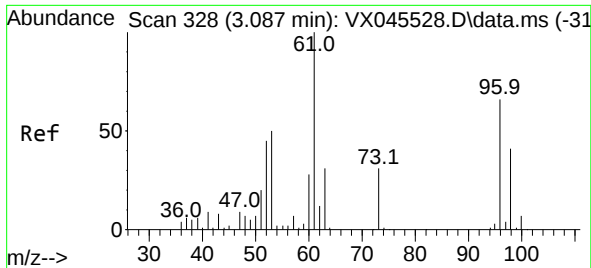
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Methylene Chloride
Concen: 19.145 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

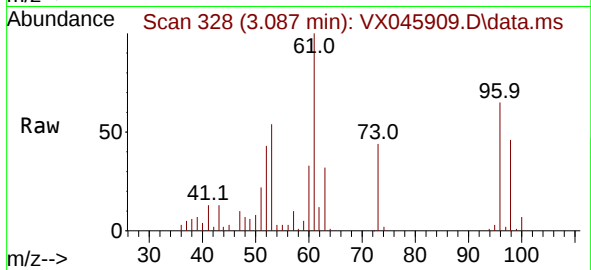
Tgt Ion: 84 Resp: 23000
Ion Ratio Lower Upper
84 100
49 127.1 107.5 161.3
51 39.1 33.0 49.6
86 57.9 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 18.404 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

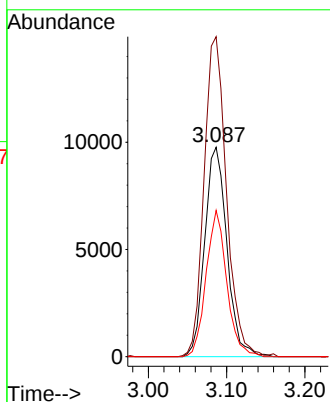
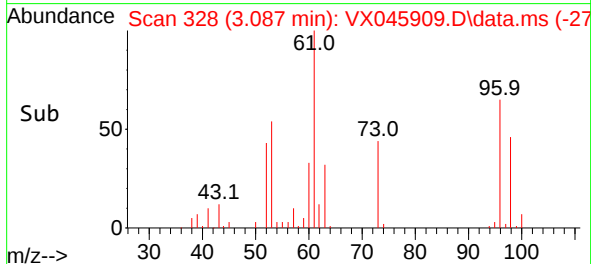
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 96 Resp: 19288
Ion Ratio Lower Upper
96 100
61 152.7 121.0 181.6
98 69.8 49.7 74.5

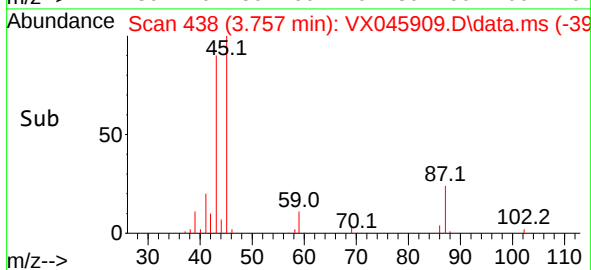
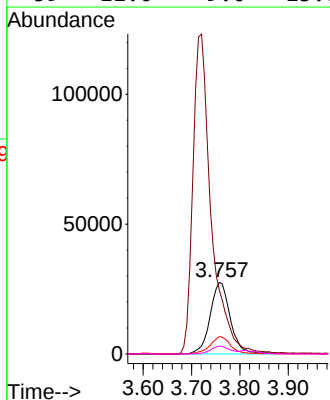
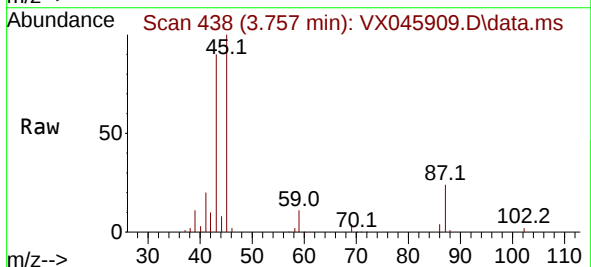
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
Diisopropyl ether
Concen: 20.771 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 45 Resp: 79641
Ion Ratio Lower Upper
45 100
43 89.6 59.3 88.9#
87 24.2 20.4 30.6
59 11.0 9.0 13.6





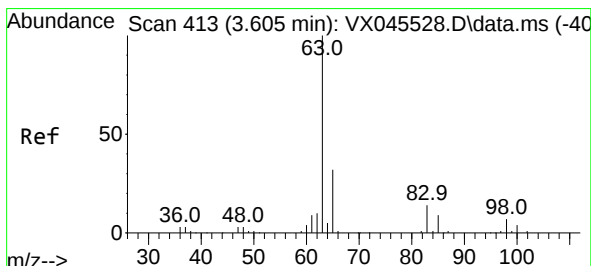
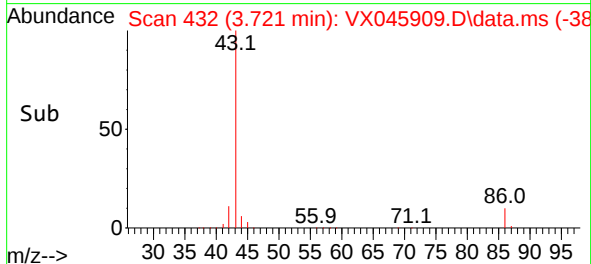
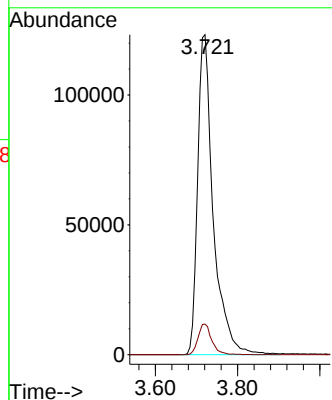
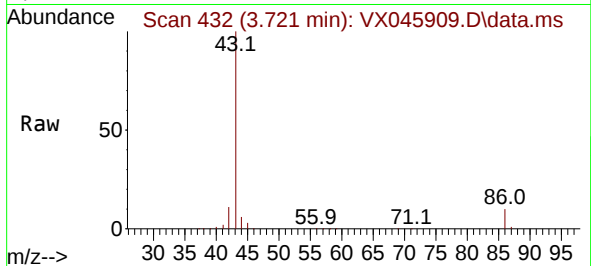
#23
 Vinyl Acetate
 Concen: 98.133 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Tgt Ion: 43 Resp: 325089
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

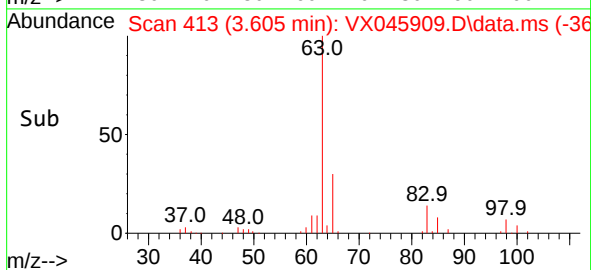
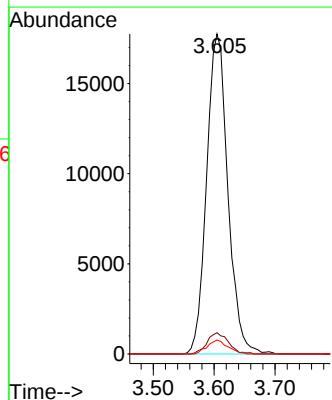
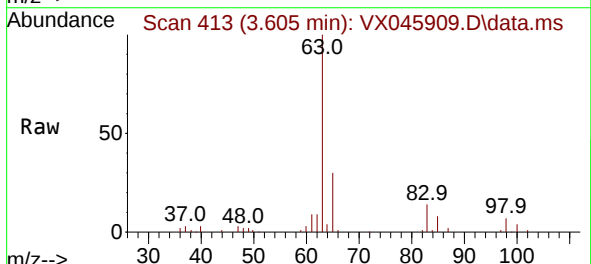
Manual Integrations
 APPROVED

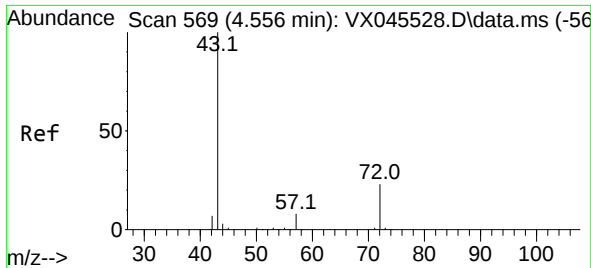
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#24
 1,1-Dichloroethane
 Concen: 19.862 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

Tgt Ion: 63 Resp: 43068
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.3 2.2 6.6





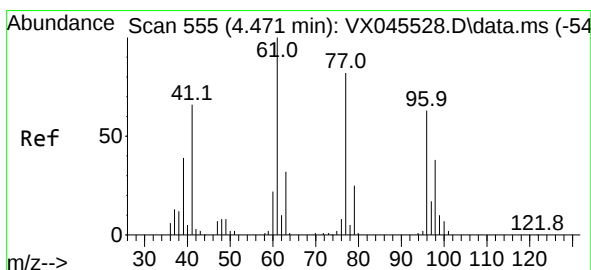
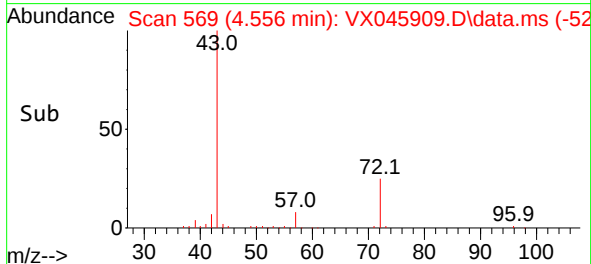
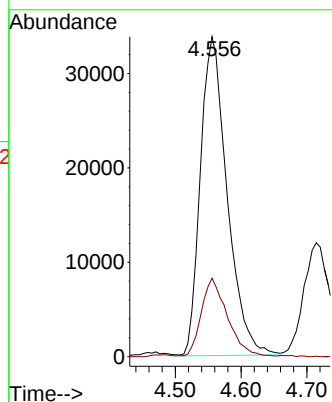
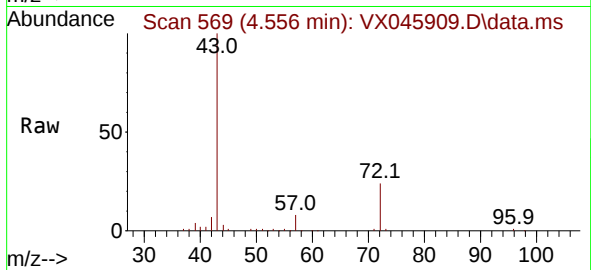
#25
2-Butanone
Concen: 101.696 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 43 Resp: 95524
Ion Ratio Lower Upper
43 100
72 24.3 18.6 28.0

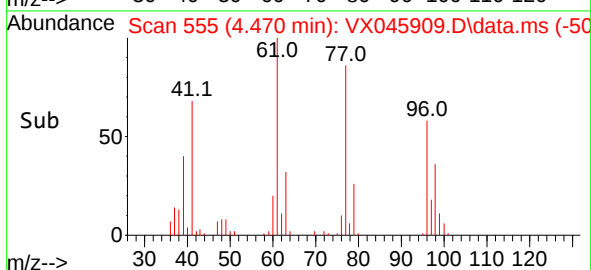
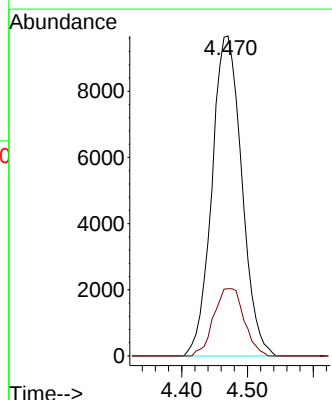
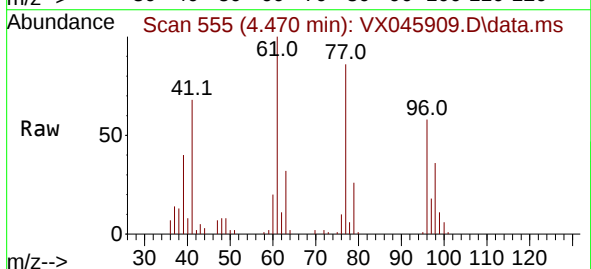
Manual Integrations
APPROVED

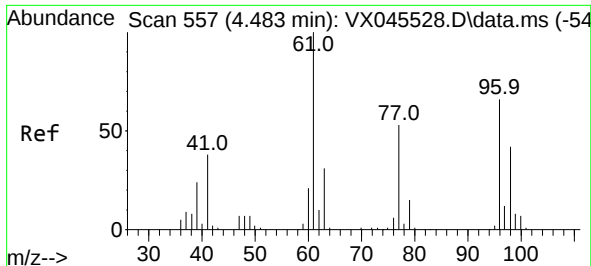
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#26
2,2-Dichloropropane
Concen: 21.808 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 77 Resp: 30553
Ion Ratio Lower Upper
77 100
97 21.4 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 19.507 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045909.D

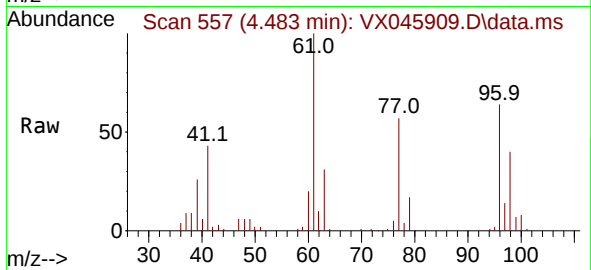
Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01



Tgt Ion: 96 Resp: 24908

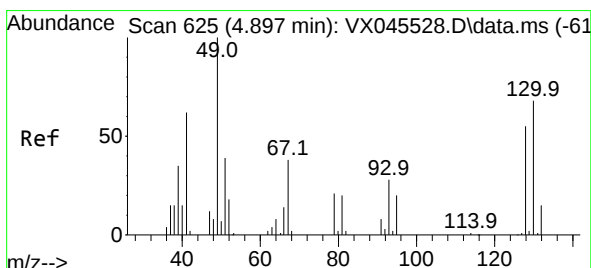
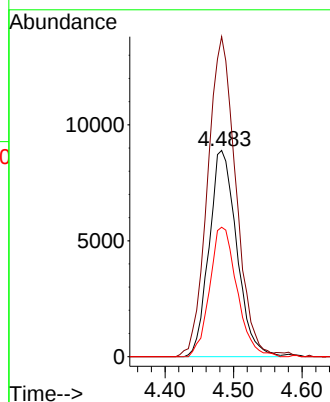
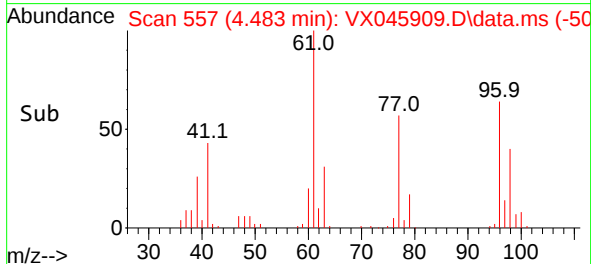
Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	313.2
98	62.1	0.0	126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#28

Bromochloromethane

Concen: 23.449 ug/l

RT: 4.891 min Scan# 624

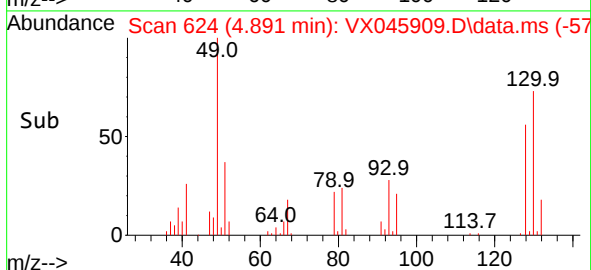
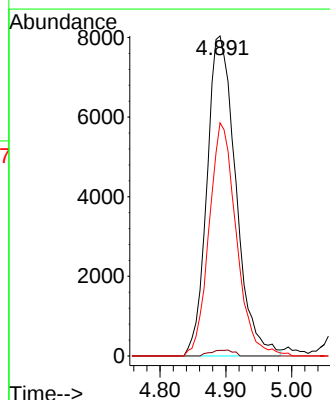
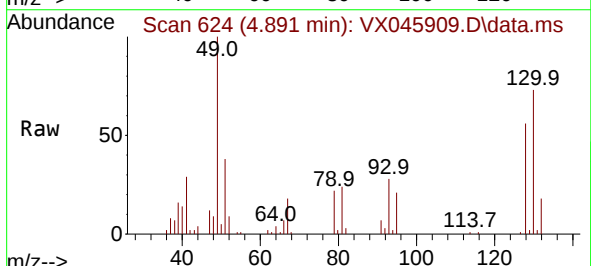
Delta R.T. -0.006 min

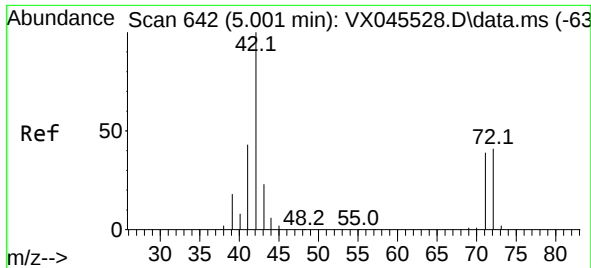
Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Tgt Ion: 49 Resp: 24571

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	68.9	54.6	81.8





#29

Tetrahydrofuran

Concen: 101.003 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 42 Resp: 61509

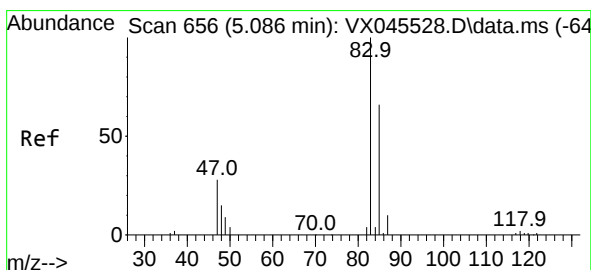
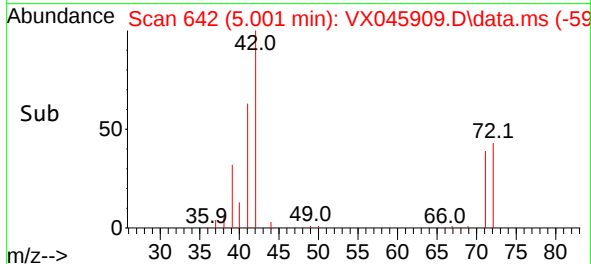
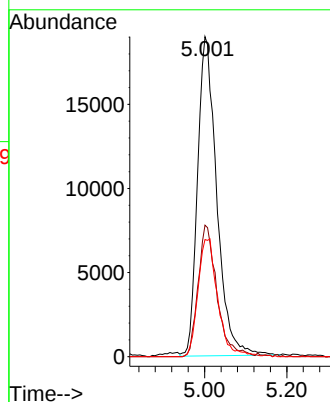
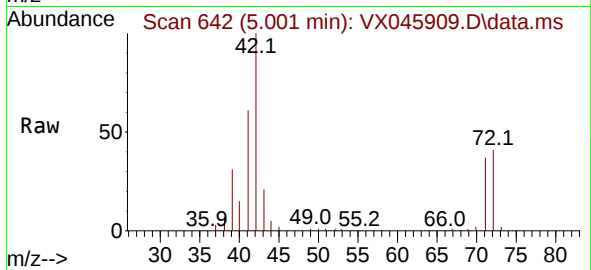
Ion	Ratio	Lower	Upper
42	100		
72	40.3	33.4	50.0
71	37.9	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#30

Chloroform

Concen: 21.010 ug/l

RT: 5.092 min Scan# 657

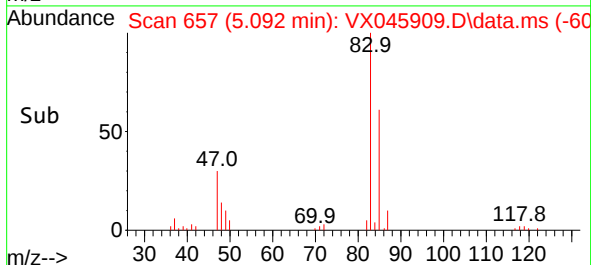
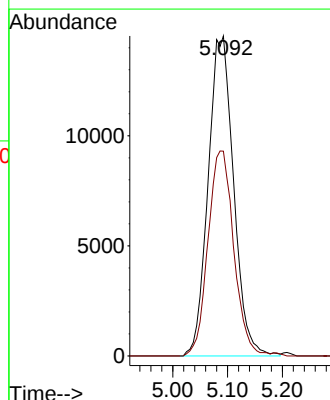
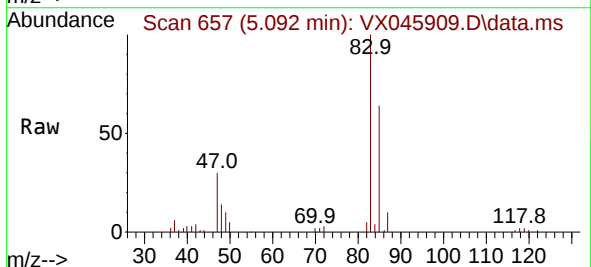
Delta R.T. 0.006 min

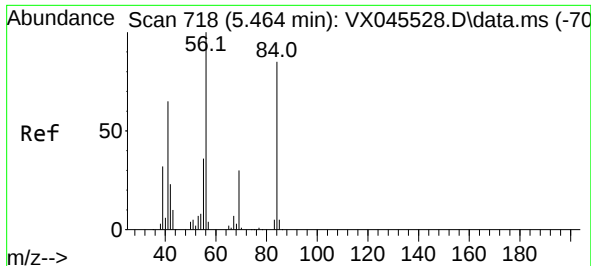
Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Tgt Ion: 83 Resp: 46878

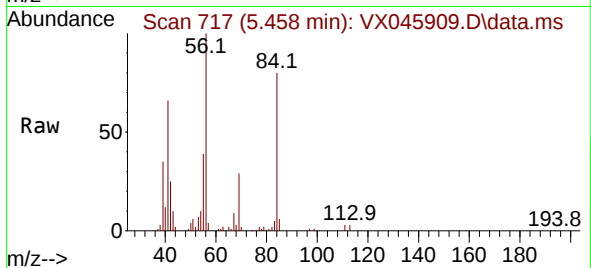
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.8	79.2





#31
Cyclohexane
Concen: 18.275 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

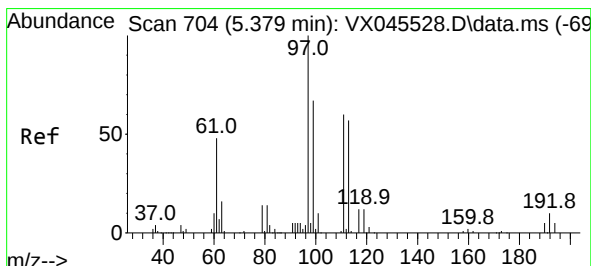
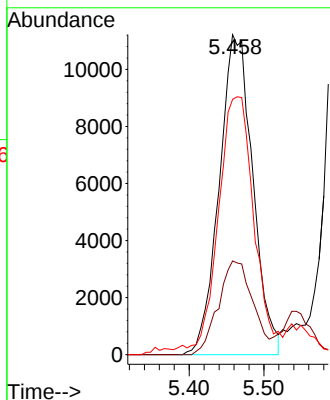
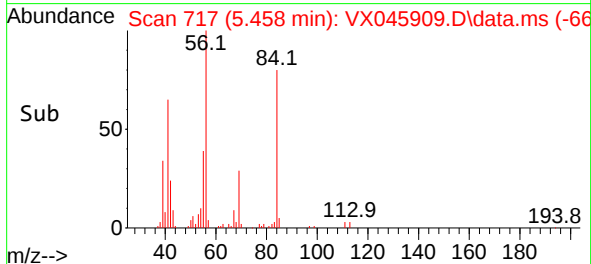
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 56 Resp: 3503
Ion Ratio Lower Upper
56 100
69 29.3 23.6 35.4
84 77.7 67.7 101.5

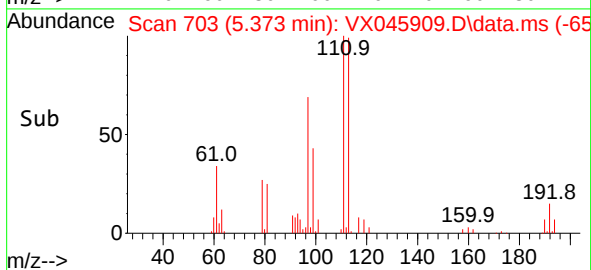
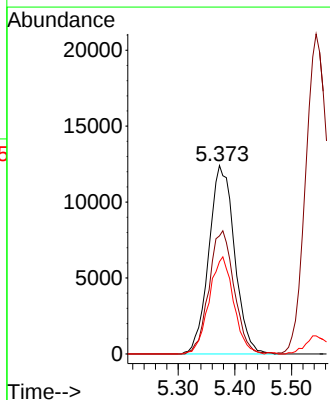
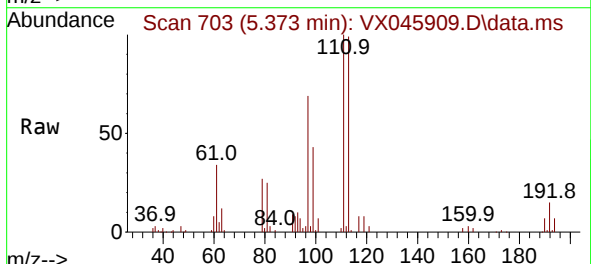
Manual Integrations
APPROVED

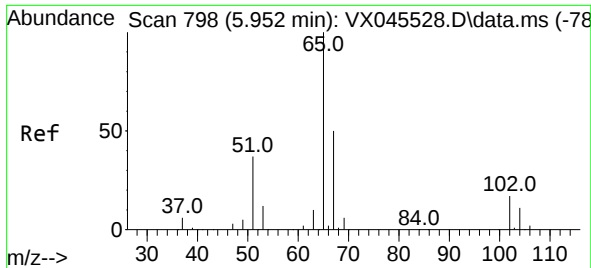
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#32
1,1,1-Trichloroethane
Concen: 20.713 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 97 Resp: 39105
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 49.4 41.0 61.4





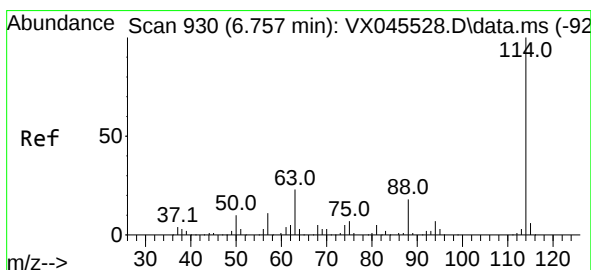
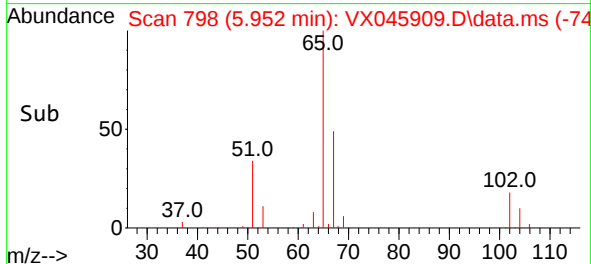
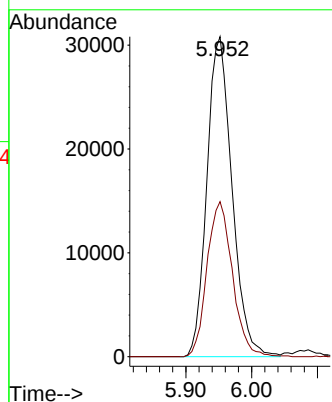
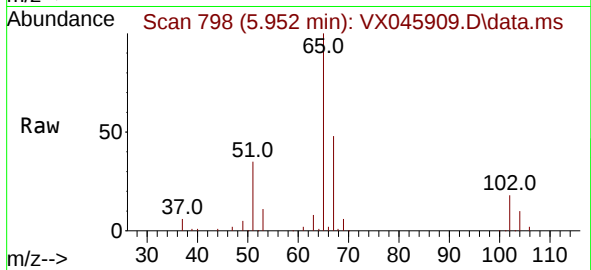
#33
 1,2-Dichloroethane-d4
 Concen: 52.421 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Tgt Ion: 65 Resp: 81919
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.0

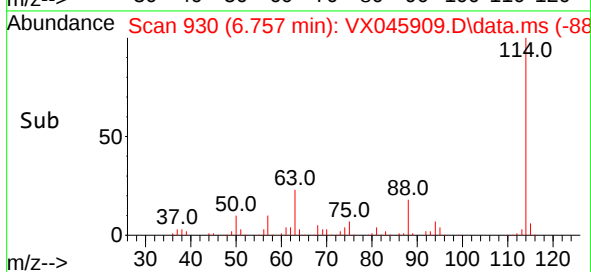
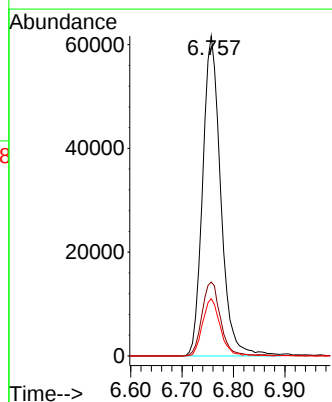
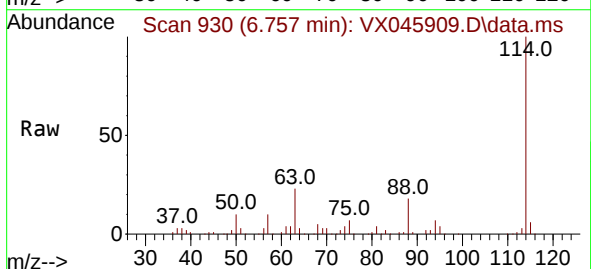
Manual Integrations
 APPROVED

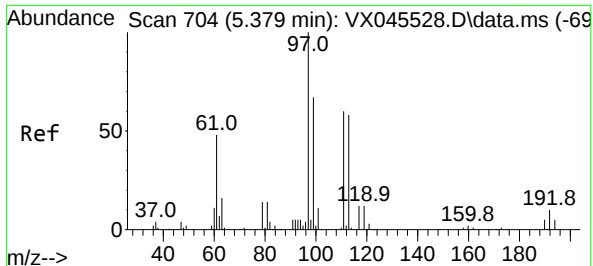
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

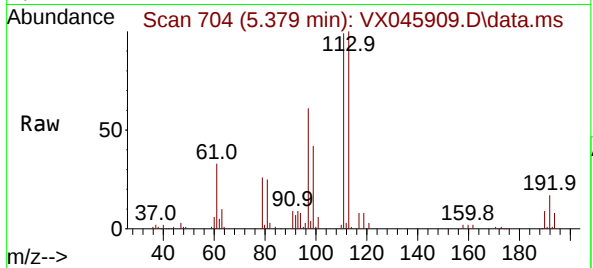
Tgt Ion:114 Resp: 150838
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.8
 88 17.9 0.0 35.4





#35
Dibromofluoromethane
Concen: 52.944 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

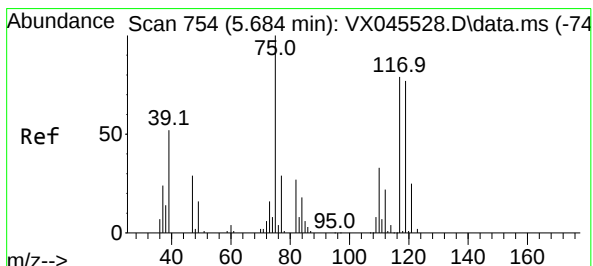
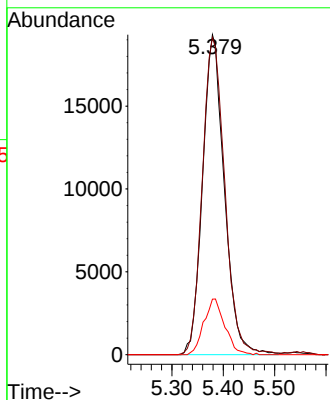
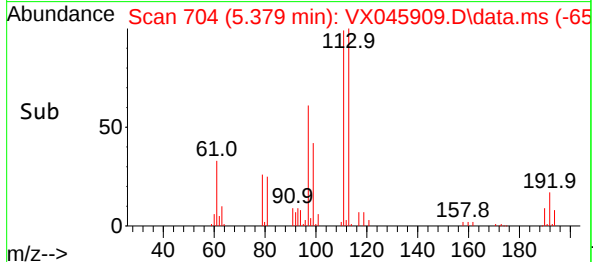
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 113 Resp: 5666
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.8 13.8 20.6

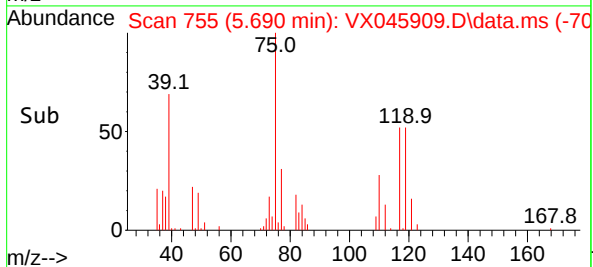
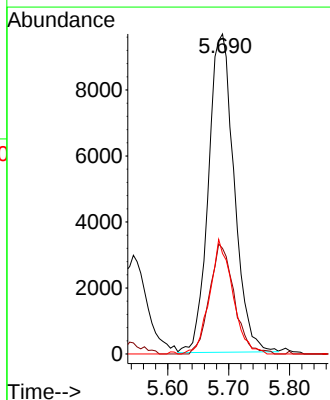
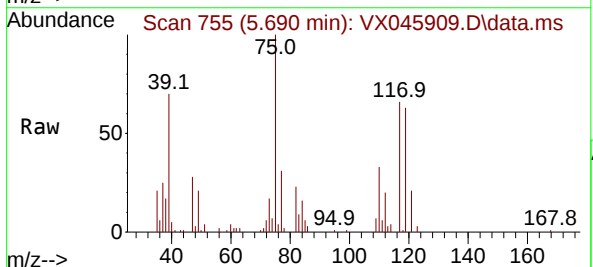
Manual Integrations
APPROVED

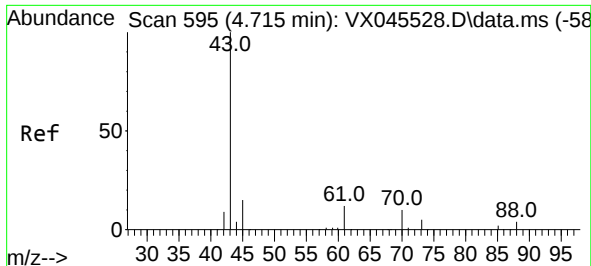
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,1-Dichloropropene
Concen: 19.566 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

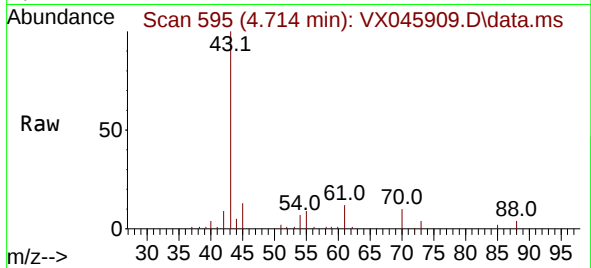
Tgt Ion: 75 Resp: 28272
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.6
77 32.3 25.0 37.4





#37
Ethyl Acetate
Concen: 18.712 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

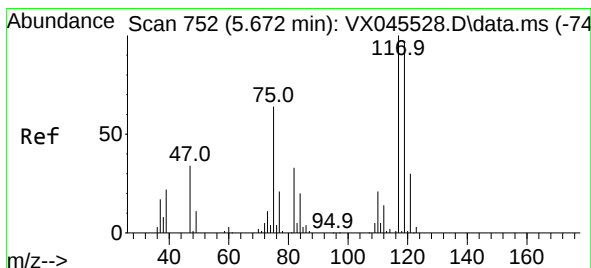
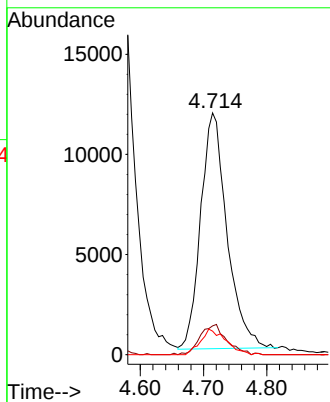
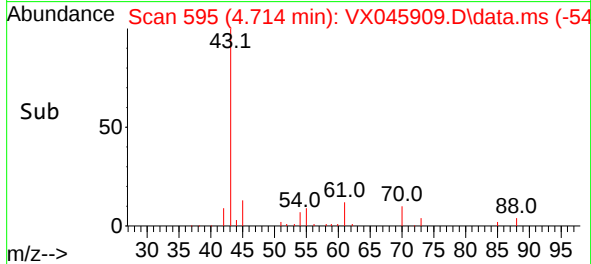
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 43 Resp: 34074
Ion Ratio Lower Upper
43 100
61 13.0 9.9 14.9
70 10.4 7.5 11.3

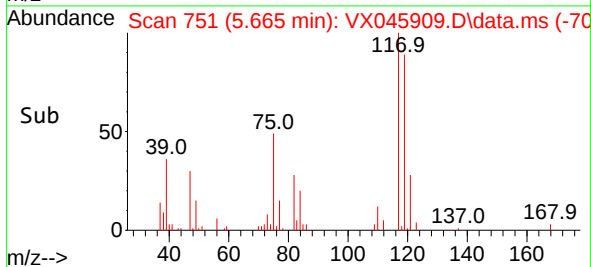
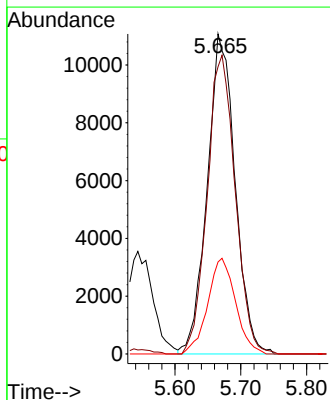
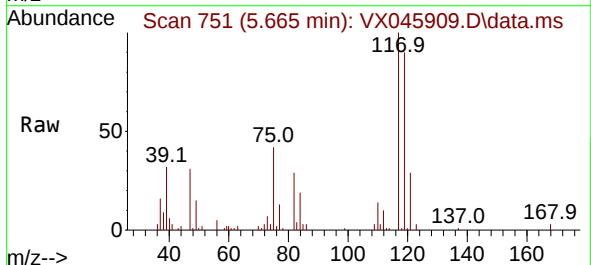
Manual Integrations
APPROVED

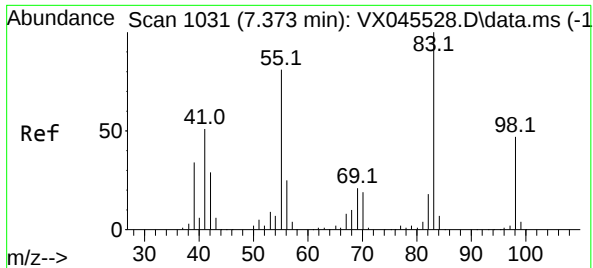
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#38
Carbon Tetrachloride
Concen: 20.901 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion:117 Resp: 32640
Ion Ratio Lower Upper
117 100
119 89.8 76.9 115.3
121 28.7 24.2 36.2





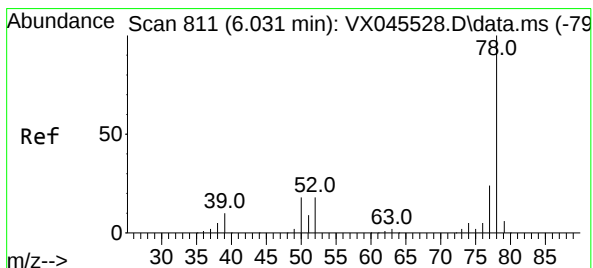
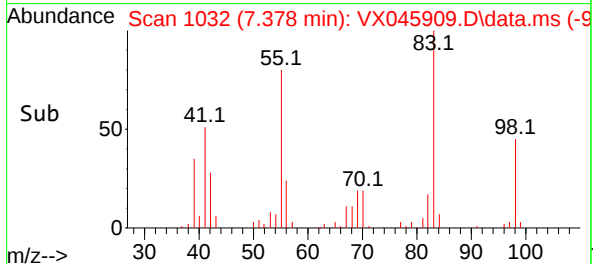
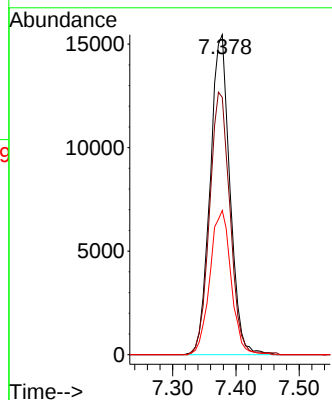
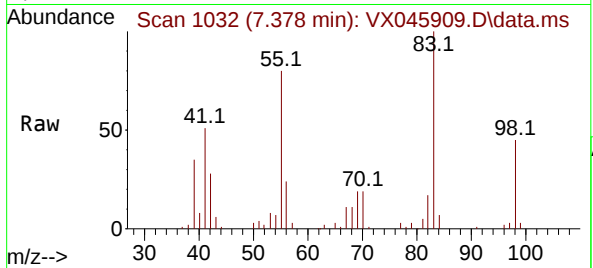
#39
Methylcyclohexane
Concen: 18.939 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 83 Resp: 33540
Ion Ratio Lower Upper
83 100
55 80.4 64.9 97.3
98 45.0 37.4 56.0

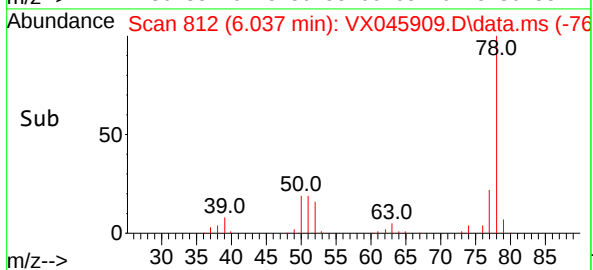
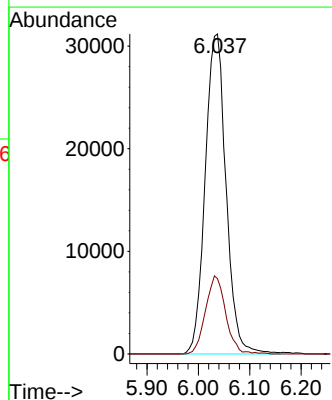
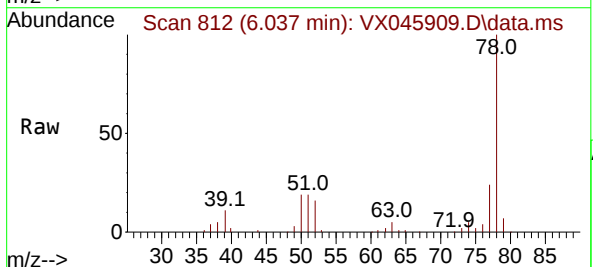
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#40
Benzene
Concen: 19.910 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

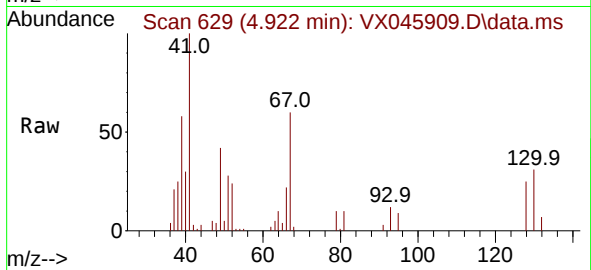
Tgt Ion: 78 Resp: 87867
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 21.387 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

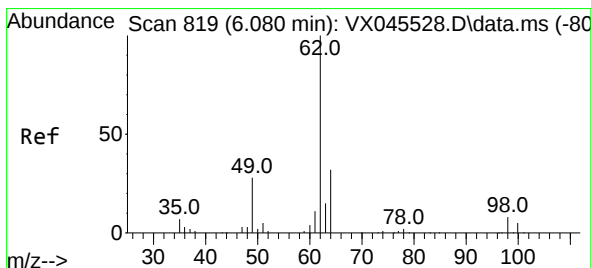
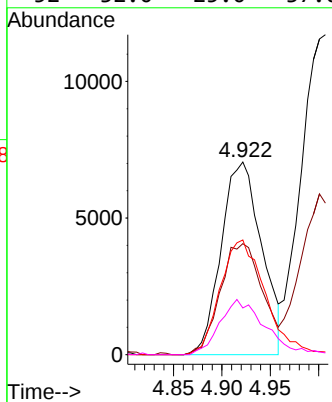
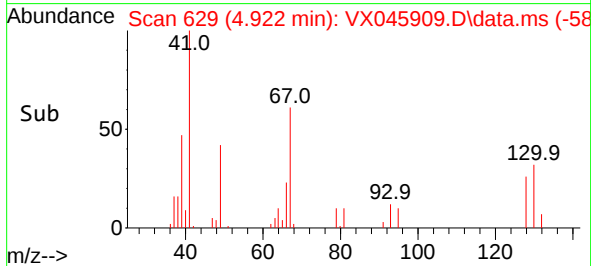
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion:	41	Resp:	20549
Ion Ratio	100	Lower	Upper
39	60.2	47.0	70.6
67	66.3	53.2	79.8
52	32.0	25.0	37.6

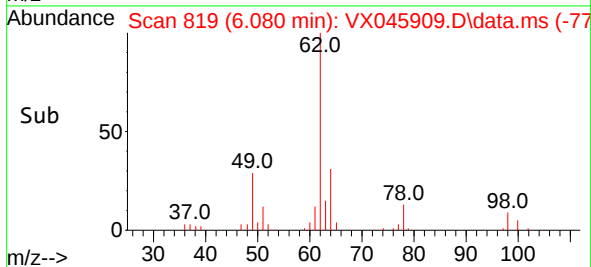
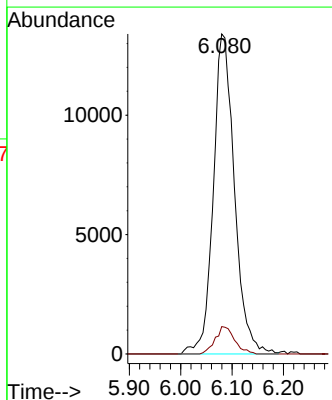
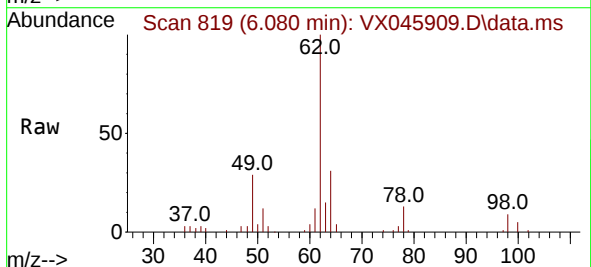
Manual Integrations
APPROVED

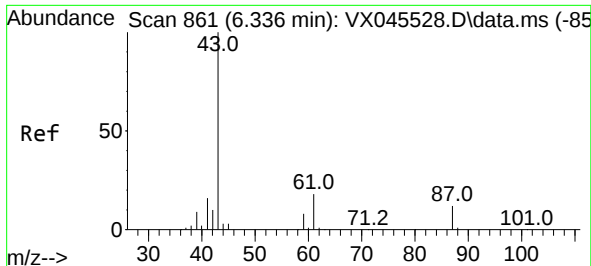
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
1,2-Dichloroethane
Concen: 21.026 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

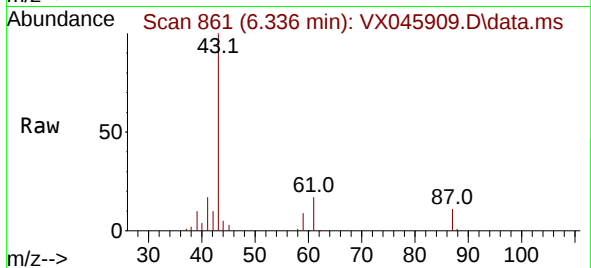
Tgt Ion:	62	Resp:	38325
Ion Ratio	100	Lower	Upper
98	7.9	0.0	15.2





#43
Isopropyl Acetate
Concen: 20.299 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

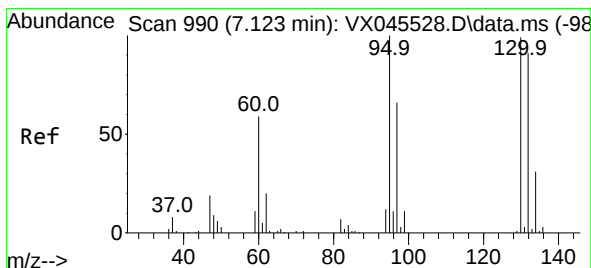
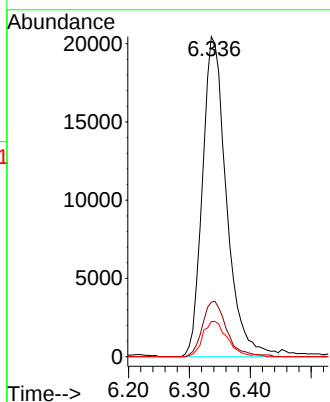
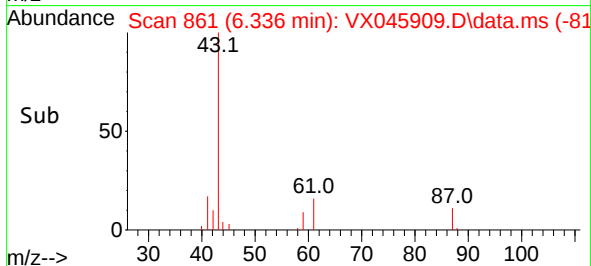
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 43 Resp: 5602
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 11.2 9.2 13.8

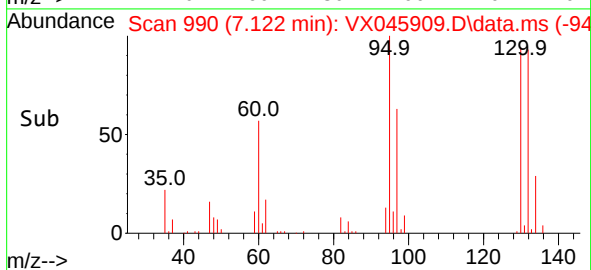
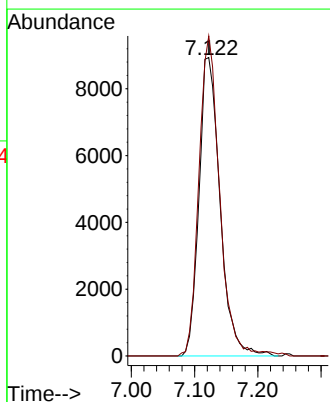
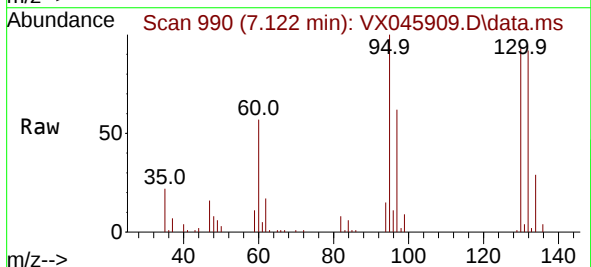
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Trichloroethene
Concen: 19.768 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

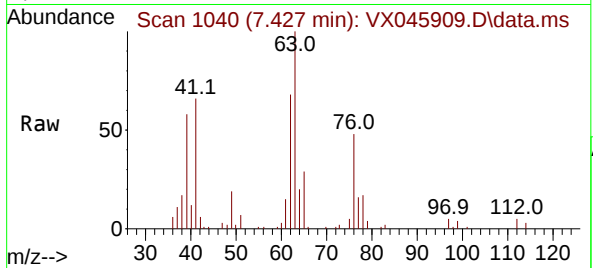
Tgt Ion:130 Resp: 20735
Ion Ratio Lower Upper
130 100
95 107.3 0.0 202.0





#45
1,2-Dichloropropane
Concen: 20.856 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

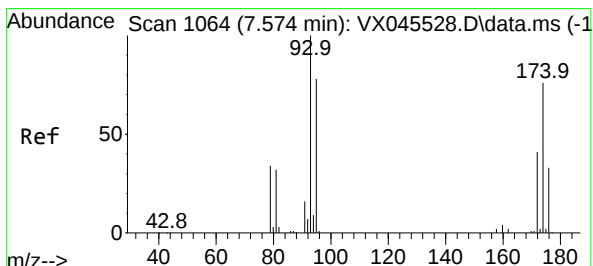
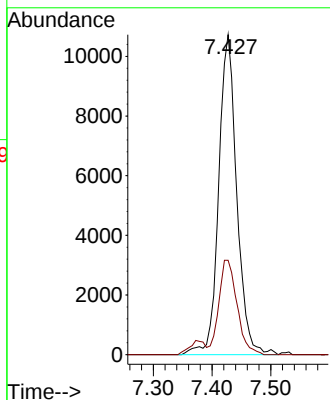
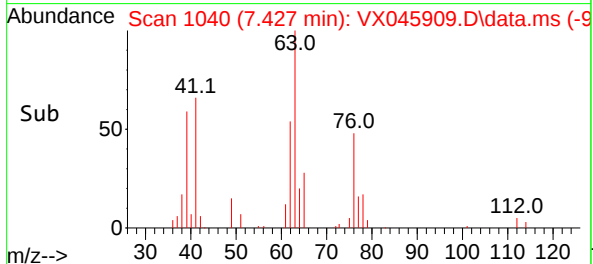
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



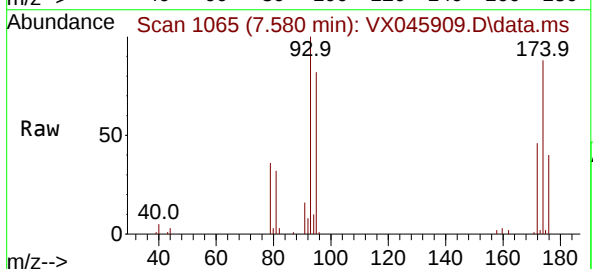
Tgt Ion: 63 Resp: 2296
Ion Ratio Lower Upper
63 100
65 29.5 25.8 38.6

Manual Integrations
APPROVED

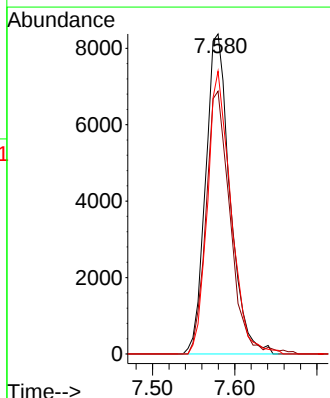
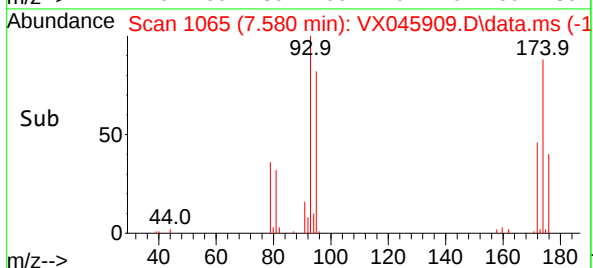
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

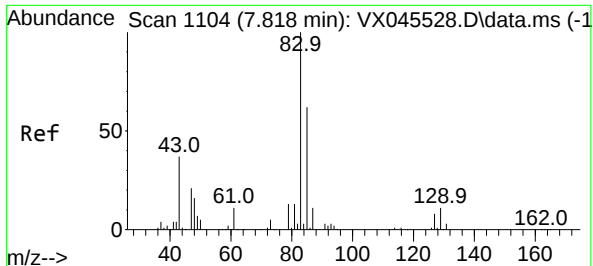


#46
Dibromomethane
Concen: 20.413 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50



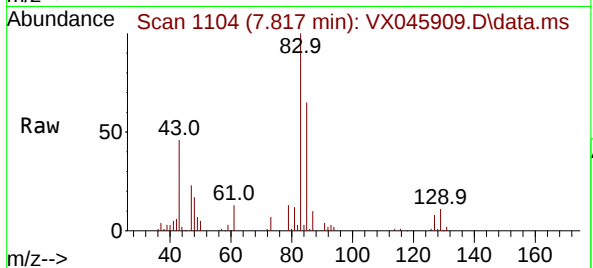
Tgt Ion: 93 Resp: 17254
Ion Ratio Lower Upper
93 100
95 81.5 64.8 97.2
174 85.3 65.4 98.0





#47
Bromodichloromethane
Concen: 20.702 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

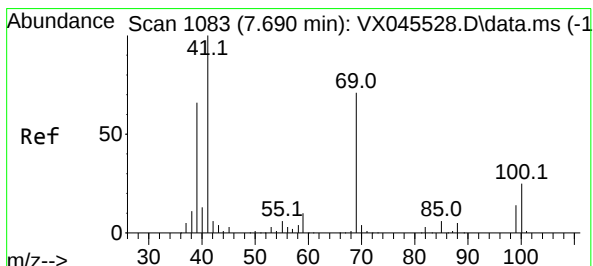
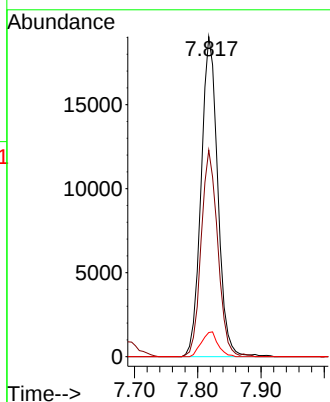
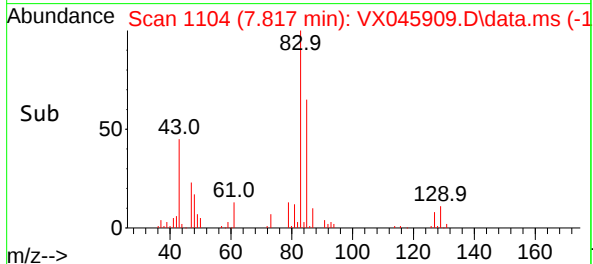
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



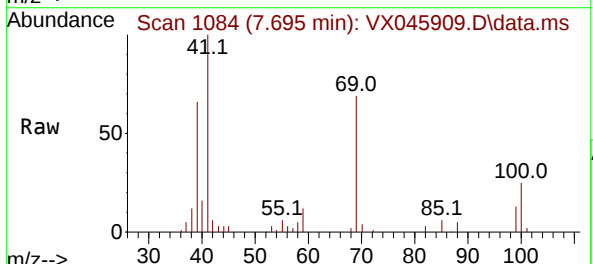
Tgt Ion: 83 Resp: 34940
Ion Ratio Lower Upper
83 100
85 64.6 49.7 74.5
127 7.5 6.1 9.1

Manual Integrations
APPROVED

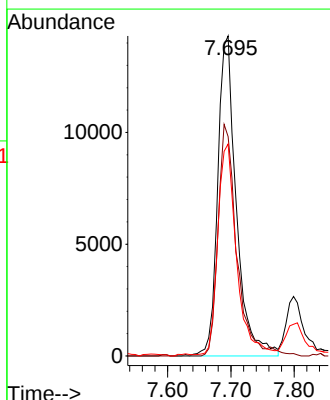
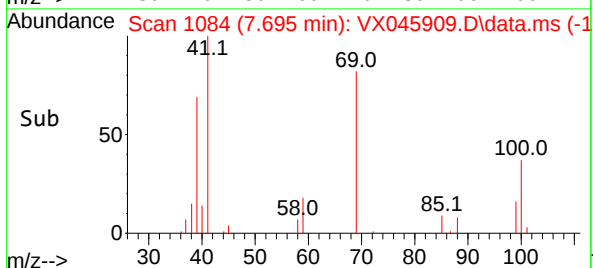
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

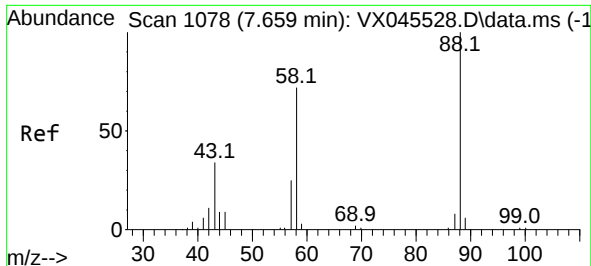


#48
Methyl methacrylate
Concen: 20.436 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50



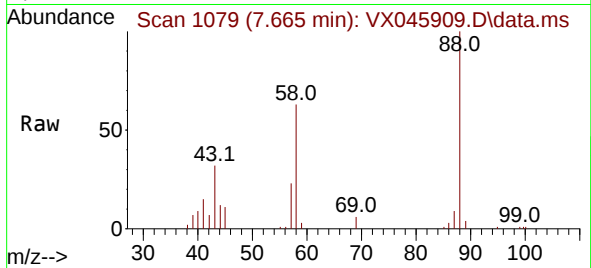
Tgt Ion: 41 Resp: 29121
Ion Ratio Lower Upper
41 100
69 72.9 58.2 87.2
39 66.1 53.6 80.4





#49
1,4-Dioxane
Concen: 458.924 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

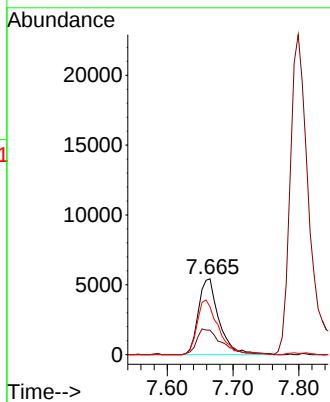
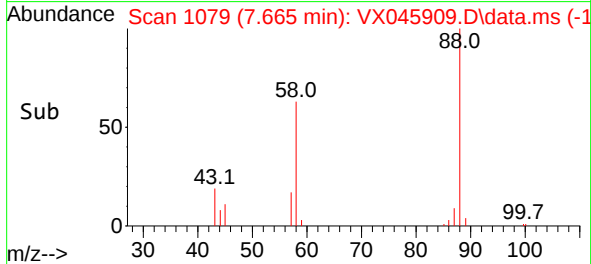
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion: 88 Resp: 11832
Ion Ratio Lower Upper
88 100
43 41.6 32.2 48.4
58 74.6 58.6 88.0

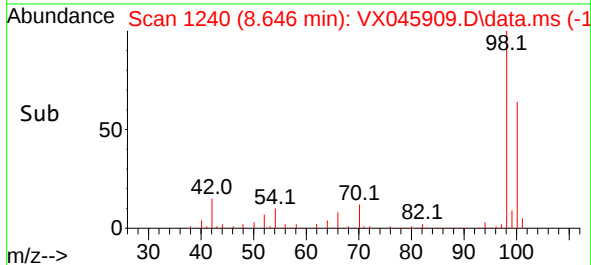
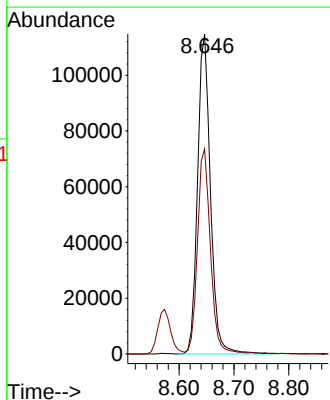
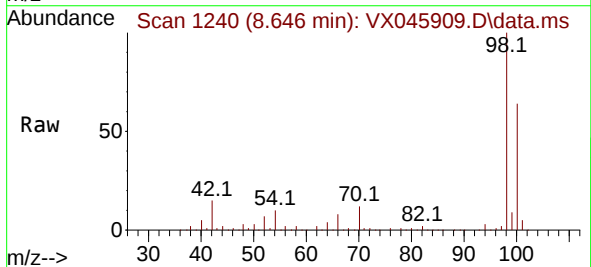
Manual Integrations
APPROVED

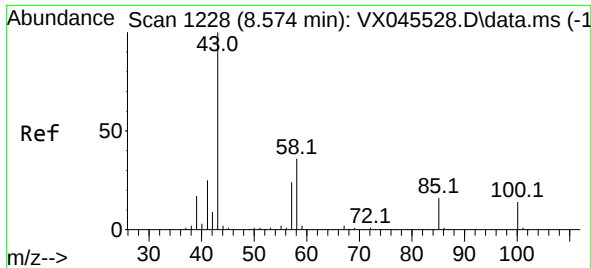
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#50
Toluene-d8
Concen: 50.321 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 98 Resp: 187968
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4





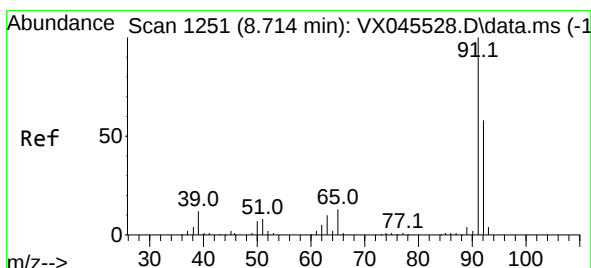
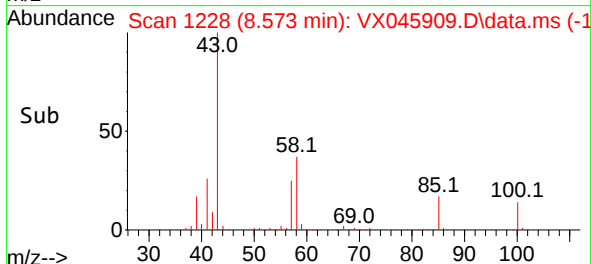
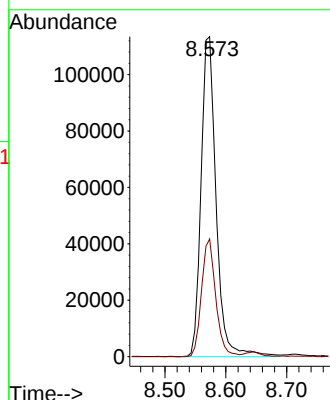
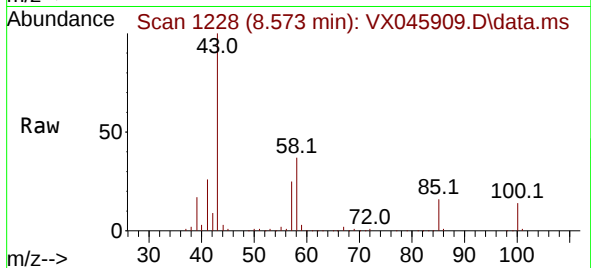
#51
4-Methyl-2-Pentanone
Concen: 106.619 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 43 Resp: 19507
Ion Ratio Lower Upper
43 100
58 34.8 28.5 42.7

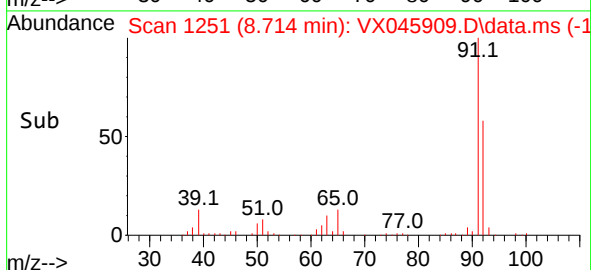
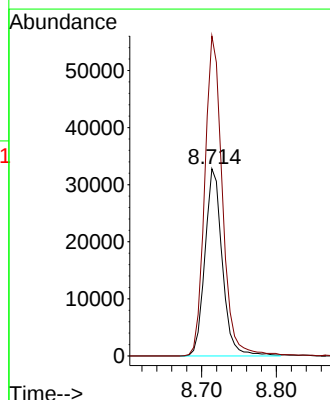
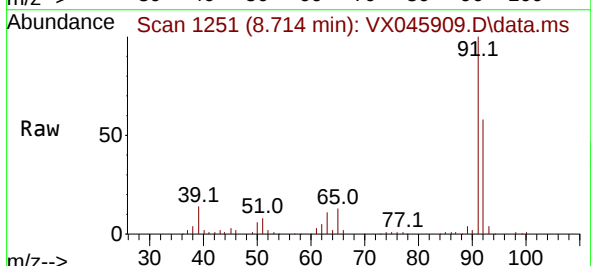
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
Toluene
Concen: 19.796 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 92 Resp: 52863
Ion Ratio Lower Upper
92 100
91 174.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 18.991 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 75 Resp: 2841

Ion Ratio Lower Upper

75 100

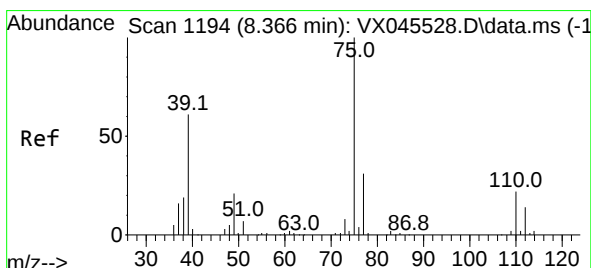
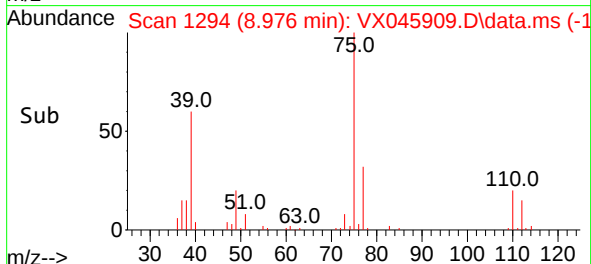
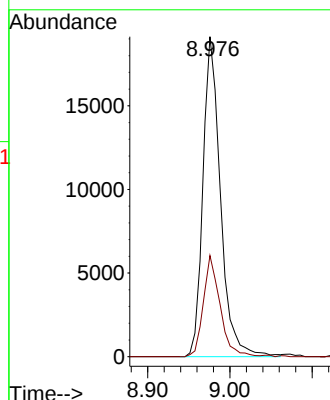
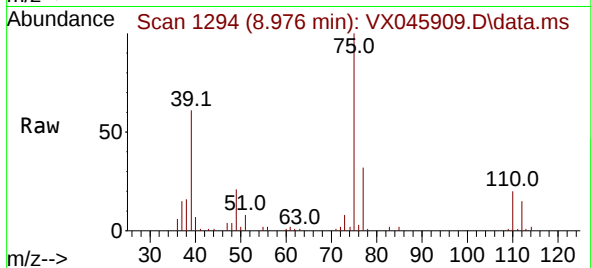
77 31.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#54

cis-1,3-Dichloropropene

Concen: 20.332 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

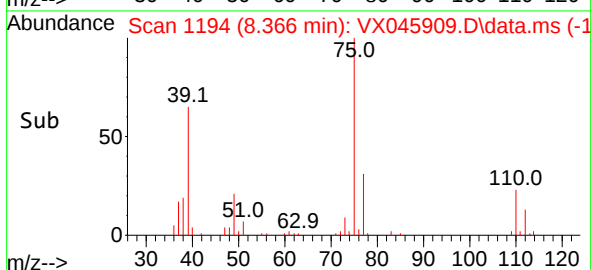
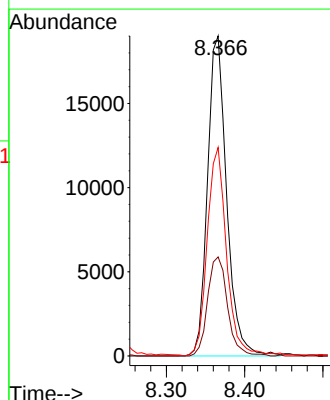
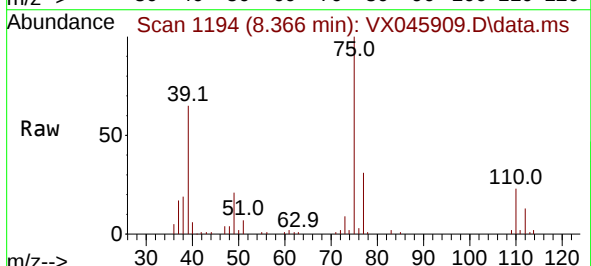
Tgt Ion: 75 Resp: 32252

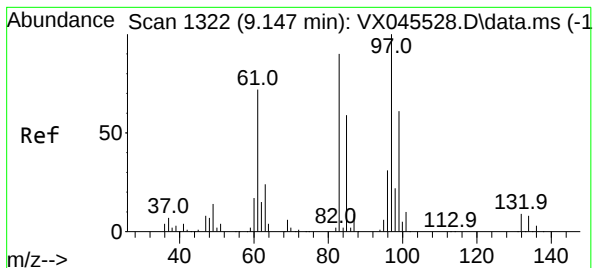
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 64.9 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 20.313 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

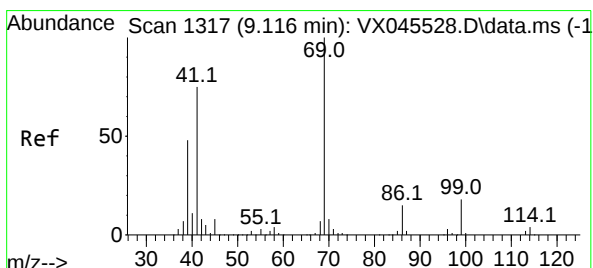
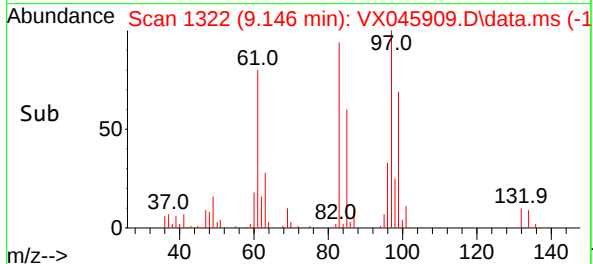
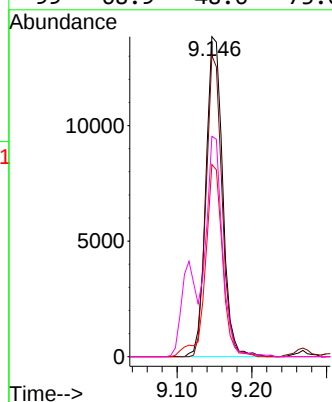
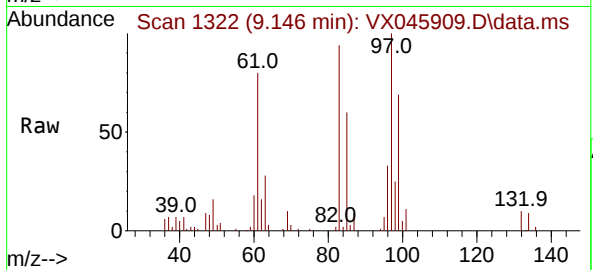
Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.1	71.8	107.8
85	60.0	47.0	70.6
99	68.9	48.6	73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#56

Ethyl methacrylate

Concen: 21.107 ug/l

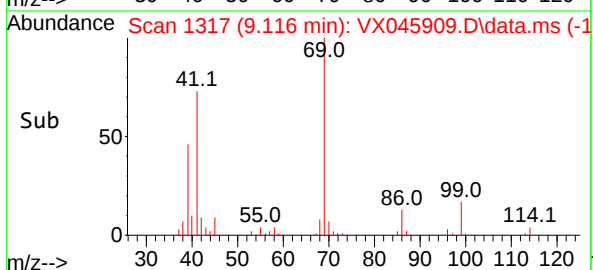
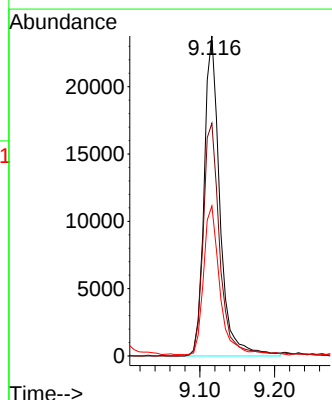
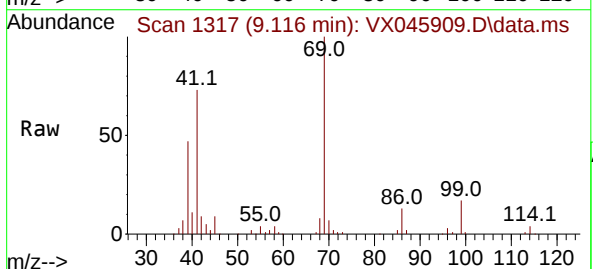
RT: 9.116 min Scan# 1317

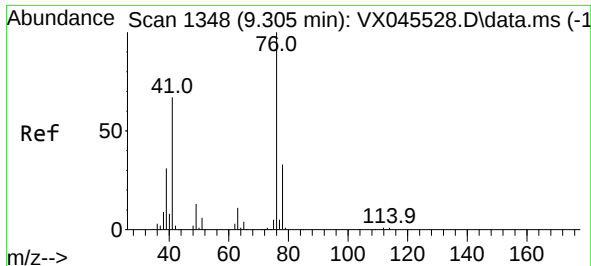
Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.3	91.9
39	49.2	40.2	60.2





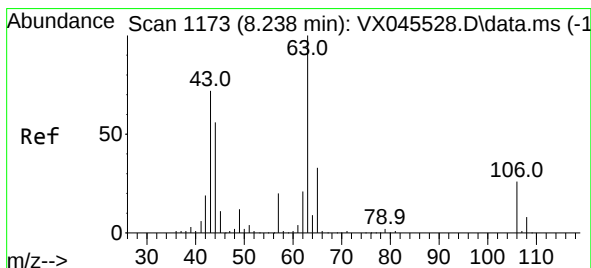
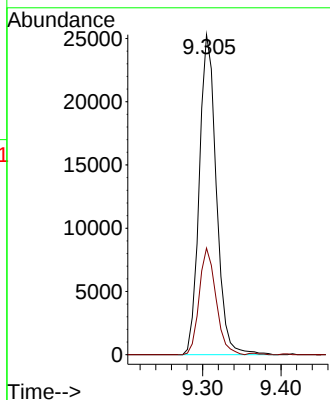
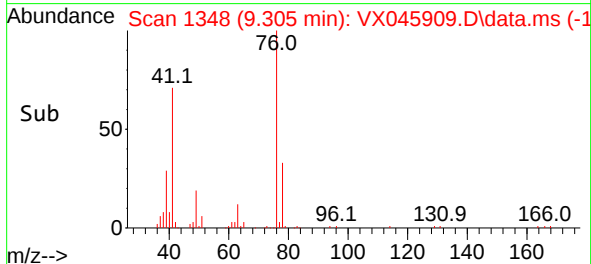
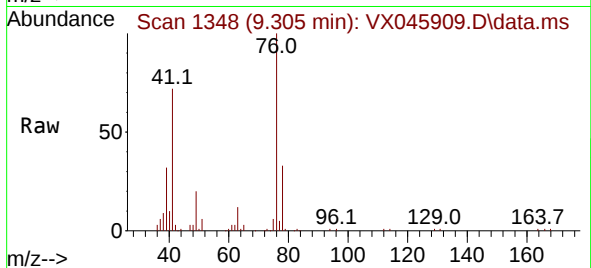
#57
1,3-Dichloropropane
Concen: 20.635 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 76 Resp: 38230
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

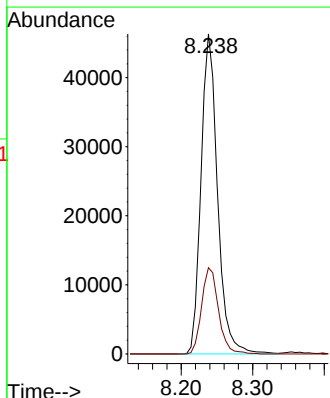
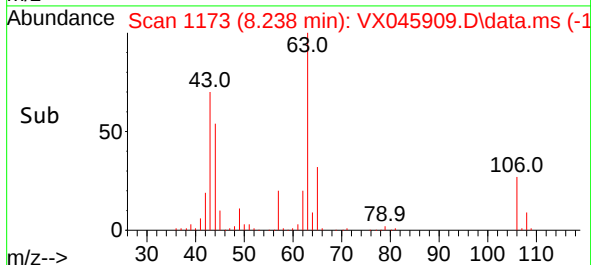
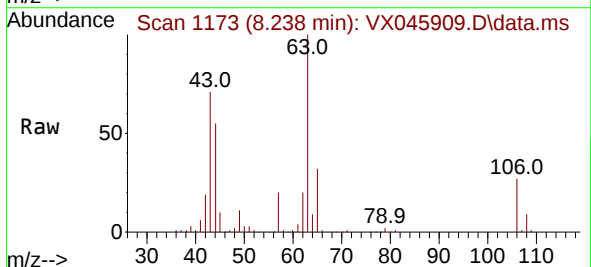
Manual Integrations
APPROVED

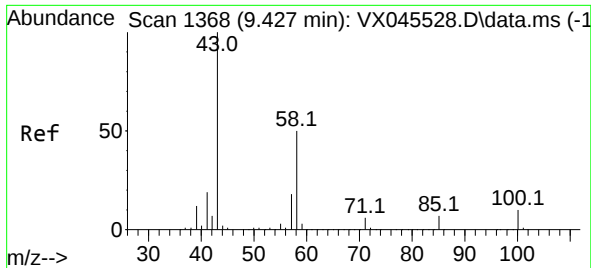
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 89.215 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 63 Resp: 74324
Ion Ratio Lower Upper
63 100
106 27.5 21.0 31.6





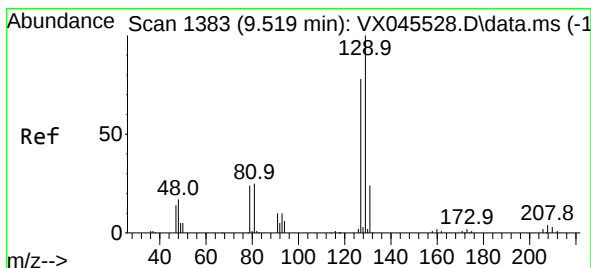
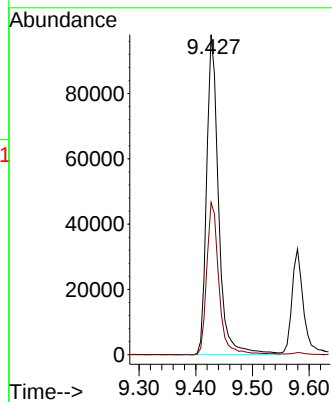
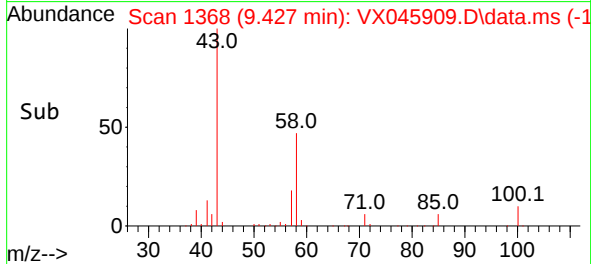
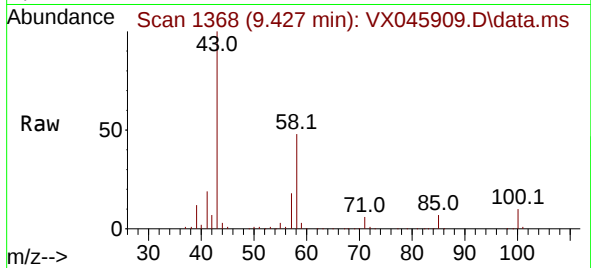
#59
2-Hexanone
Concen: 105.900 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 43 Resp: 14348
Ion Ratio Lower Upper
43 100
58 48.4 24.9 74.6

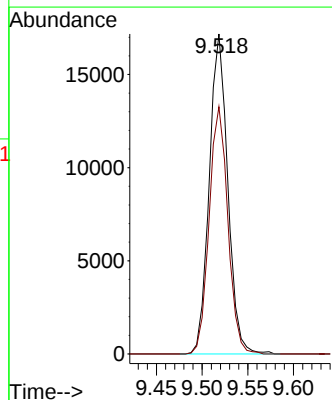
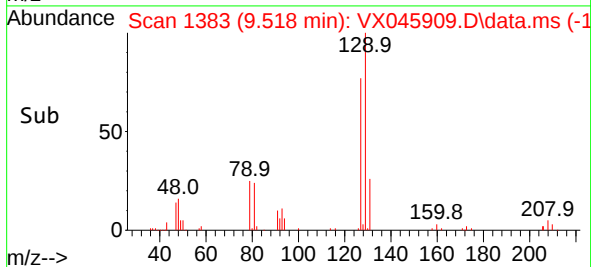
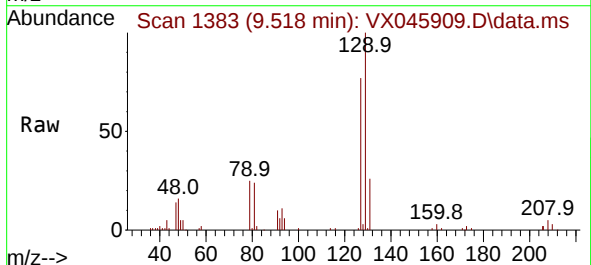
Manual Integrations
APPROVED

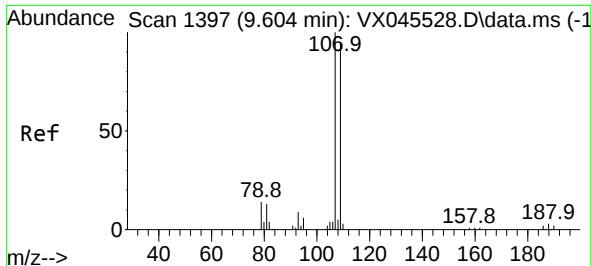
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#60
Dibromochloromethane
Concen: 20.793 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

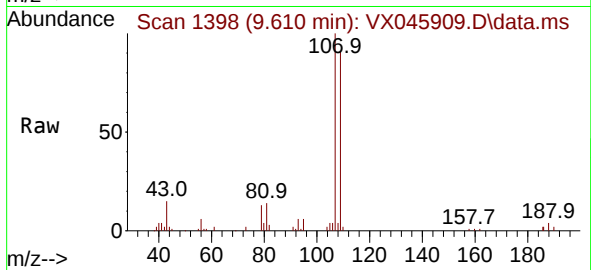
Tgt Ion:129 Resp: 24122
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.623 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

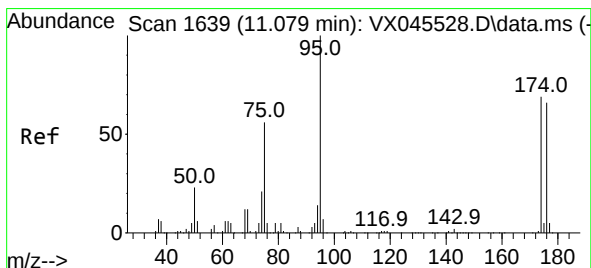
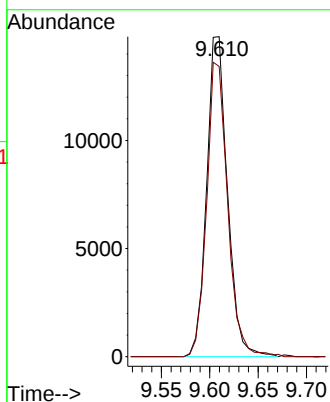
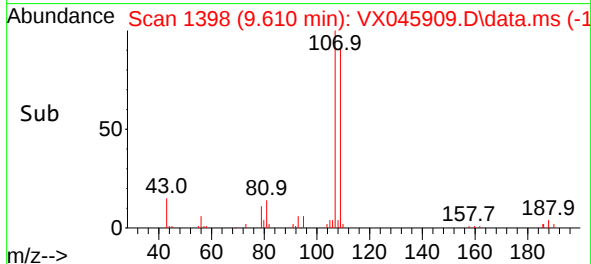
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion:107 Resp: 22215
Ion Ratio Lower Upper
107 100
109 92.5 75.7 113.5

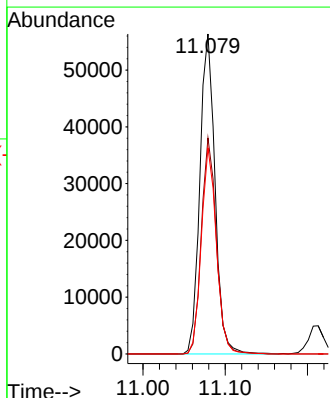
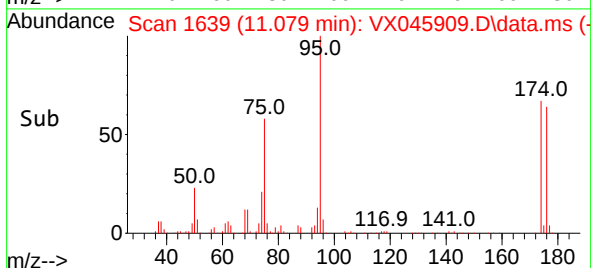
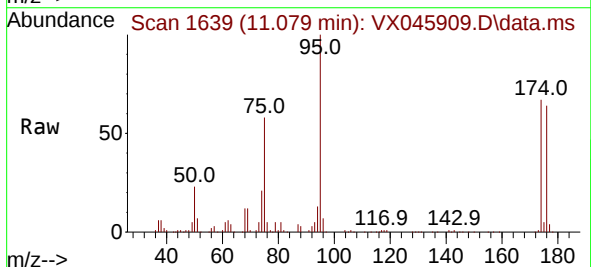
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#62
4-Bromofluorobenzene
Concen: 52.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

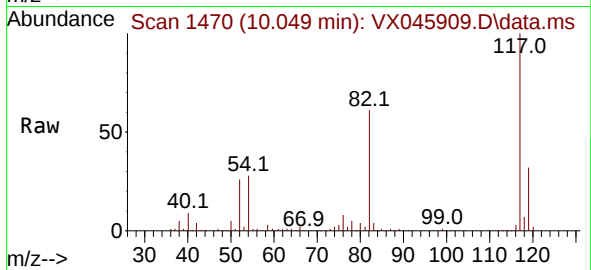
Tgt Ion: 95 Resp: 72095
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

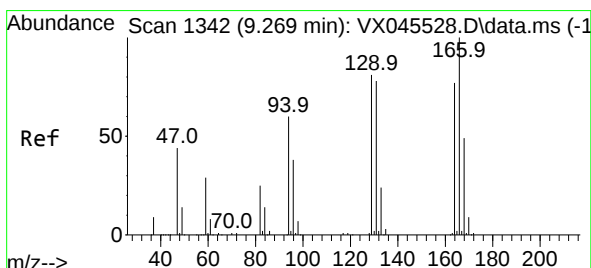
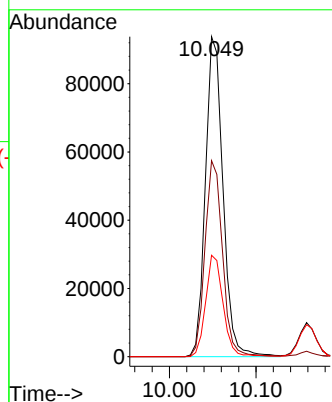
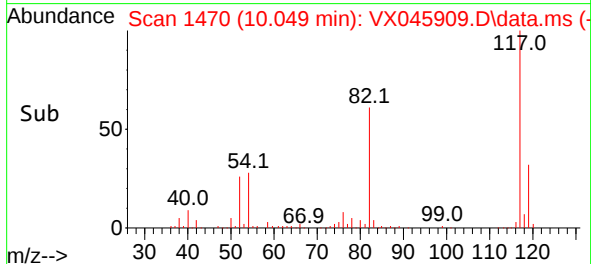
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion:117 Resp: 132510
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 31.7 25.1 37.7

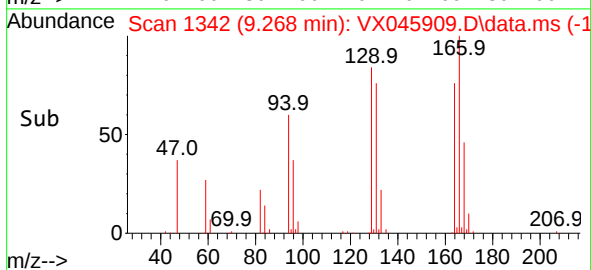
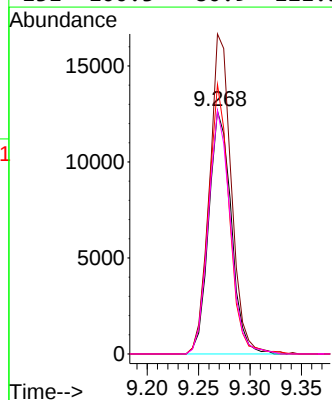
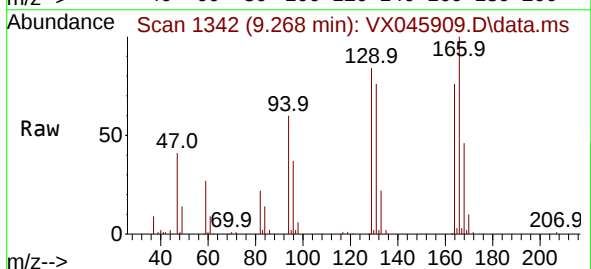
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Tetrachloroethene
Concen: 20.472 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion:164 Resp: 19153
Ion Ratio Lower Upper
164 100
166 131.8 103.8 155.8
129 111.0 84.3 126.5
131 100.3 80.9 121.3





#65

Chlorobenzene

Concen: 20.792 ug/l

RT: 10.079 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion:112 Resp: 5887

Ion Ratio Lower Upper

112 100

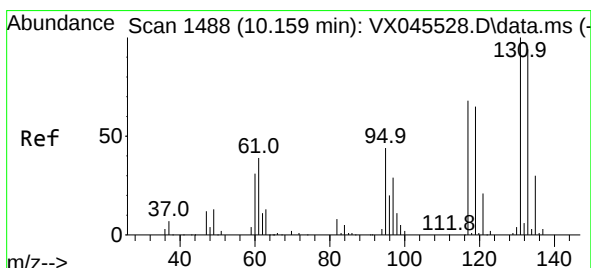
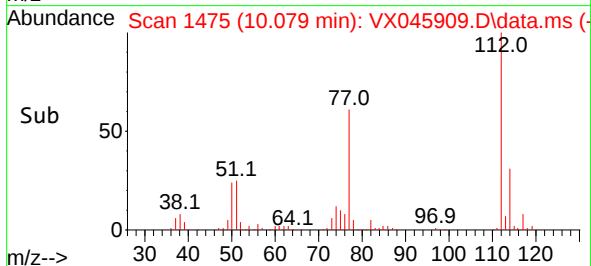
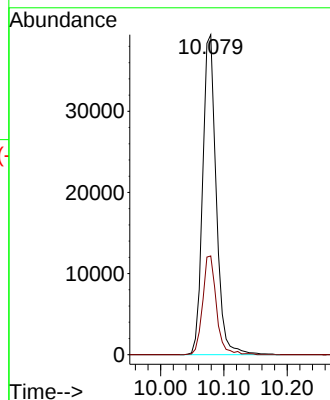
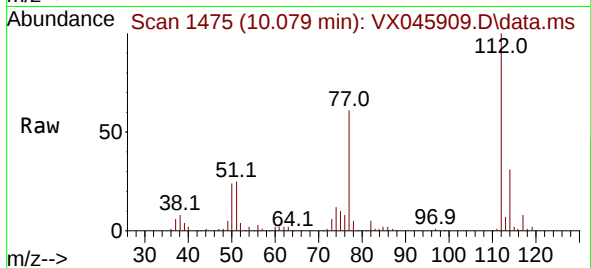
114 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.665 ug/l

RT: 10.158 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

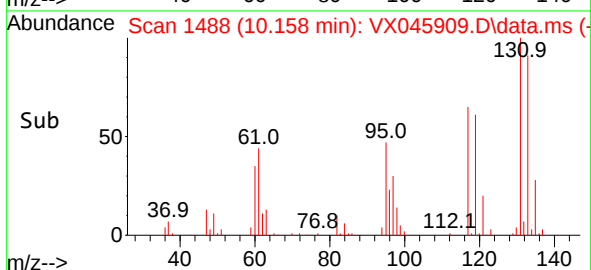
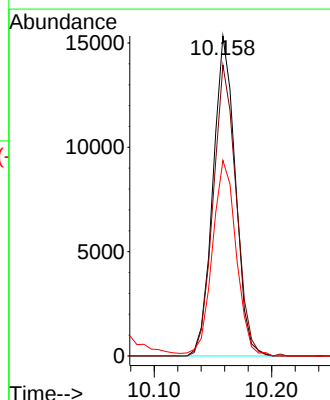
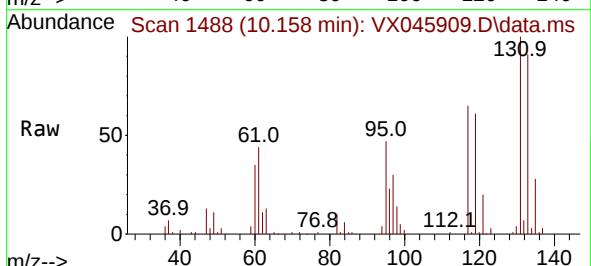
Tgt Ion:131 Resp: 20315

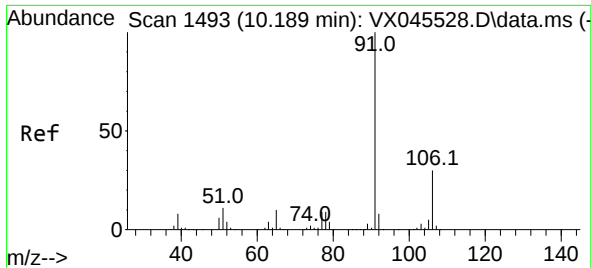
Ion Ratio Lower Upper

131 100

133 93.4 47.5 142.5

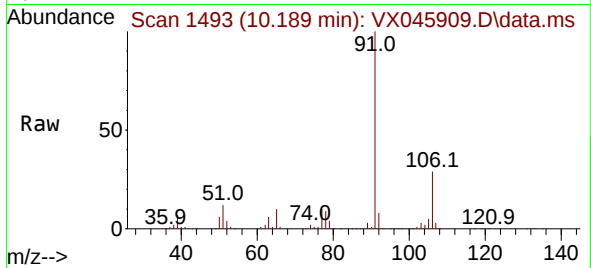
119 65.1 32.9 98.6





#67
Ethyl Benzene
Concen: 20.553 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

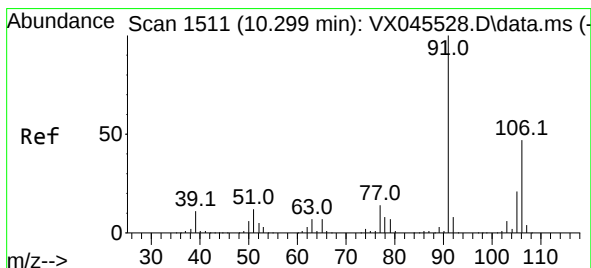
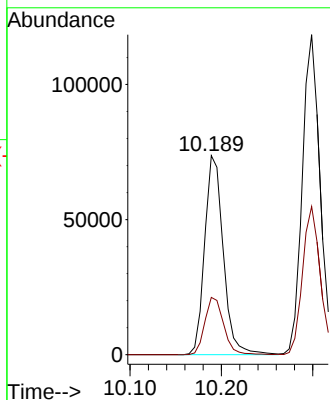
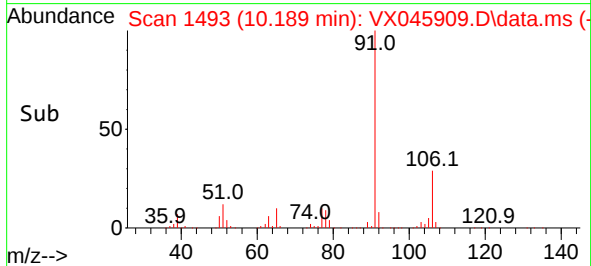
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



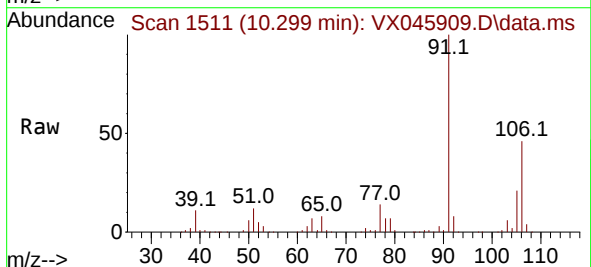
Tgt Ion: 91 Resp: 104229
Ion Ratio Lower Upper
91 100
106 28.7 23.7 35.5

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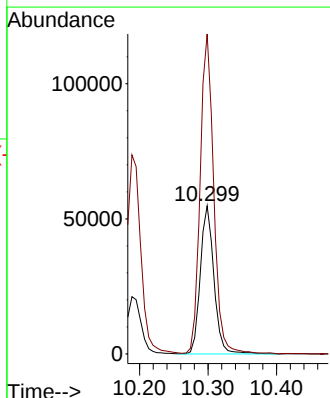
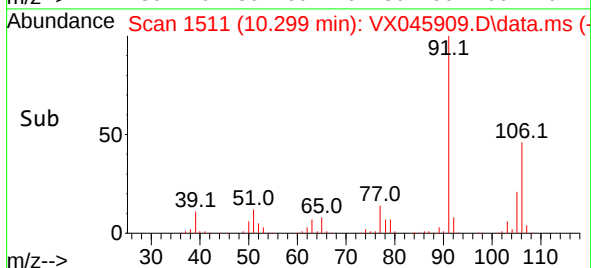
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
m/p-Xylenes
Concen: 41.202 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50



Tgt Ion:106 Resp: 75996
Ion Ratio Lower Upper
106 100
91 214.9 172.6 258.8





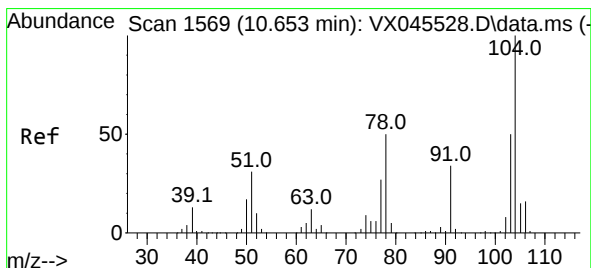
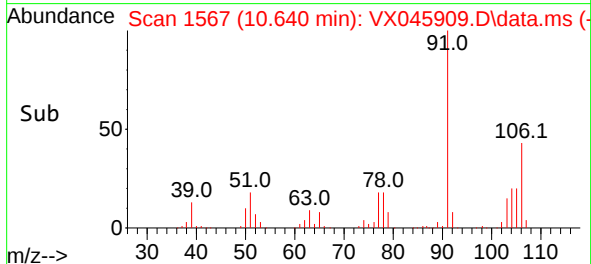
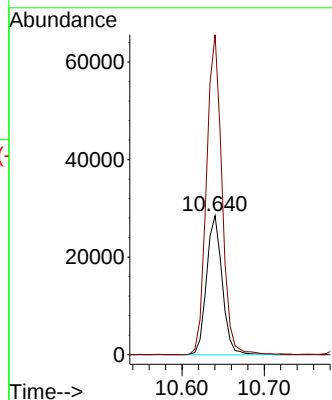
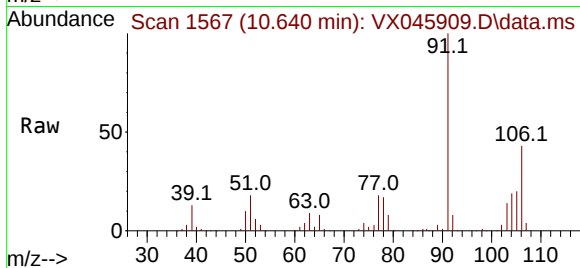
#69
o-Xylene
Concen: 20.754 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion:106 Resp: 37710
Ion Ratio Lower Upper
106 100
91 227.3 113.6 340.6

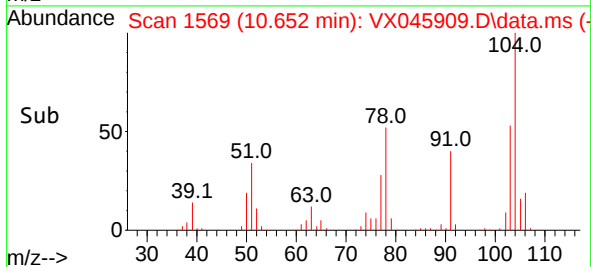
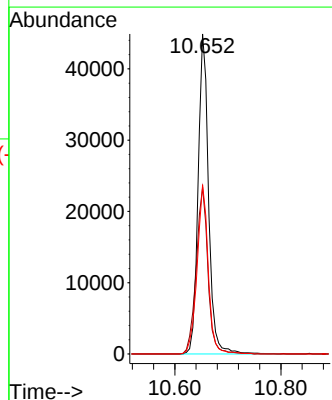
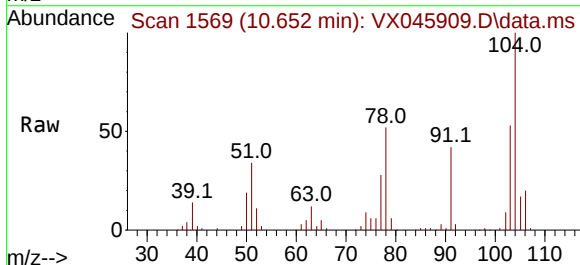
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Styrene
Concen: 20.541 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion:104 Resp: 61600
Ion Ratio Lower Upper
104 100
78 58.4 45.4 68.2
103 56.3 43.8 65.8





#71

Bromoform

Concen: 19.809 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

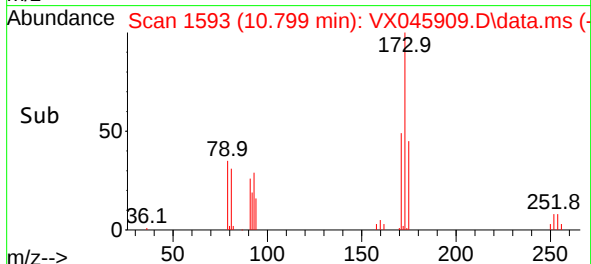
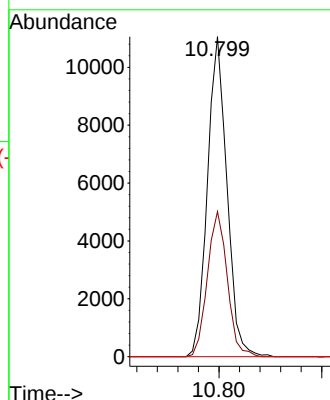
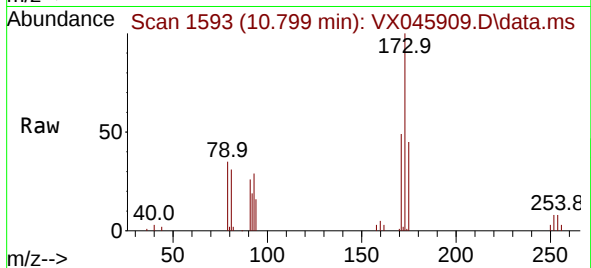
Tgt Ion:173	Resp:	14540
Ion Ratio	Lower	Upper
173	100	
175	46.3	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

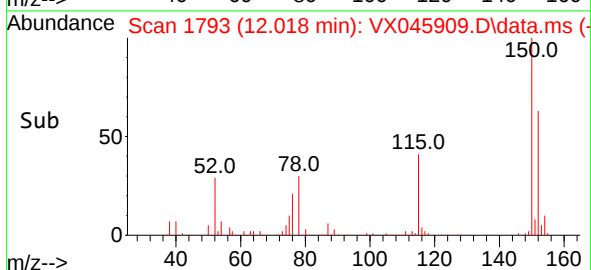
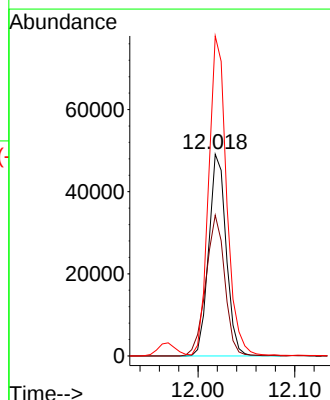
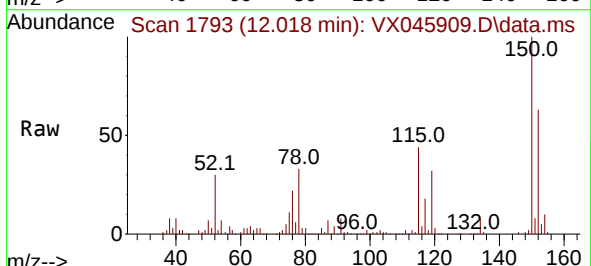
RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Tgt Ion:152	Resp:	61538
Ion Ratio	Lower	Upper
152	100	
115	75.8	46.9 140.7
150	163.6	0.0 349.4





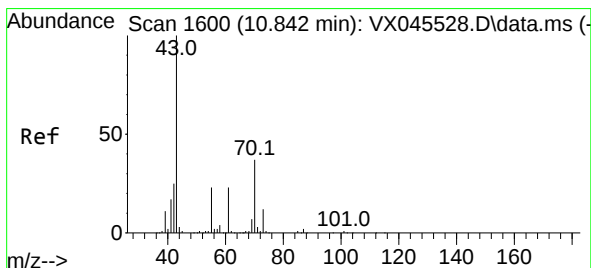
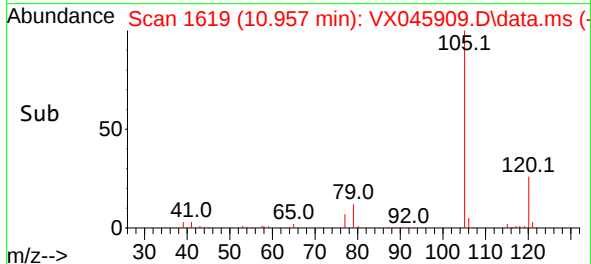
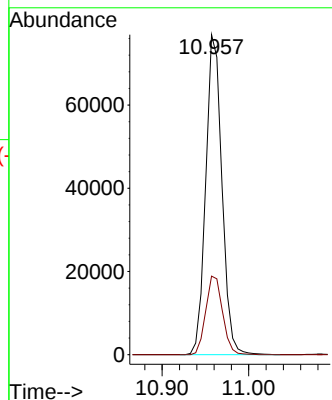
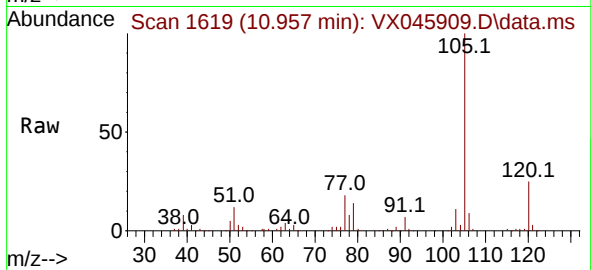
#73
Isopropylbenzene
Concen: 20.258 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion:105 Resp: 99859
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

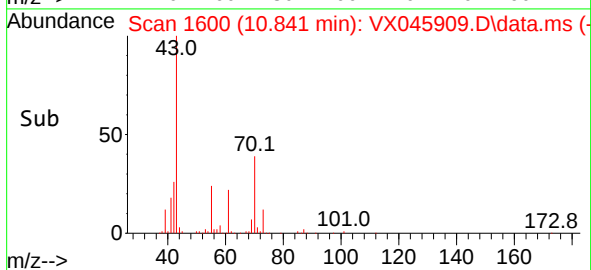
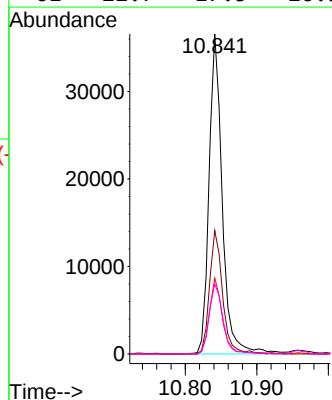
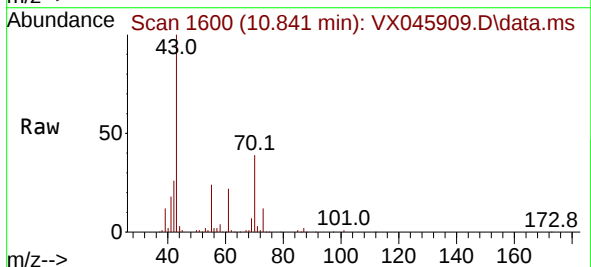
Manual Integrations
APPROVED

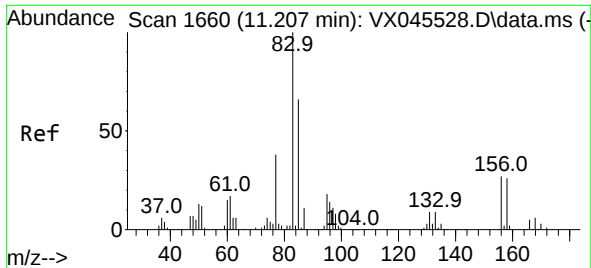
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#74
N-ethyl acetate
Concen: 19.940 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 43 Resp: 47017
Ion Ratio Lower Upper
43 100
70 38.2 30.1 45.1
55 23.3 18.3 27.5
61 22.7 17.5 26.3





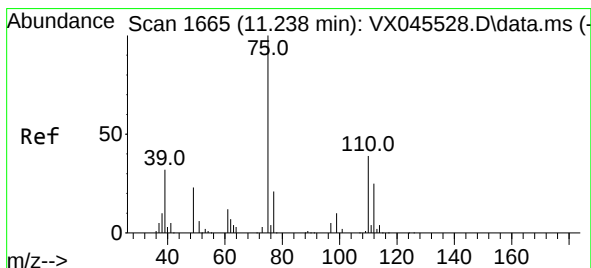
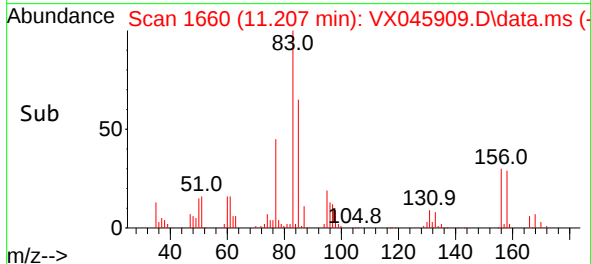
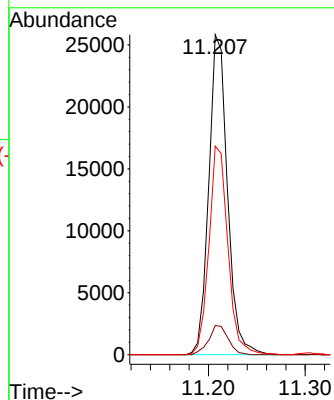
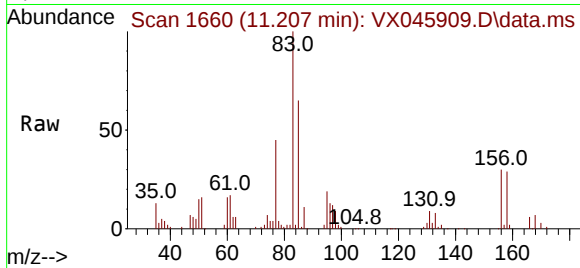
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.056 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Tgt Ion: 83 Resp: 34729
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.7 14.1
 85 66.2 32.4 97.2

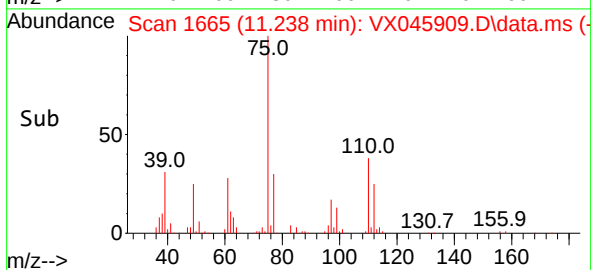
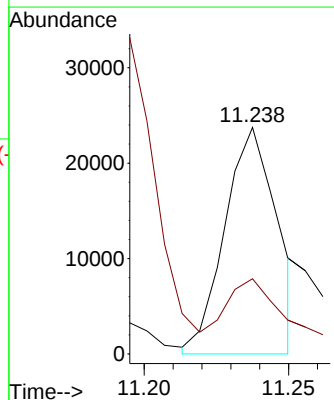
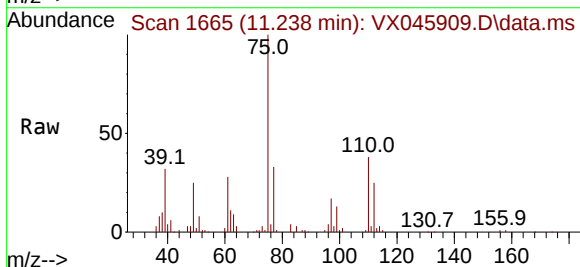
Manual Integrations
 APPROVED

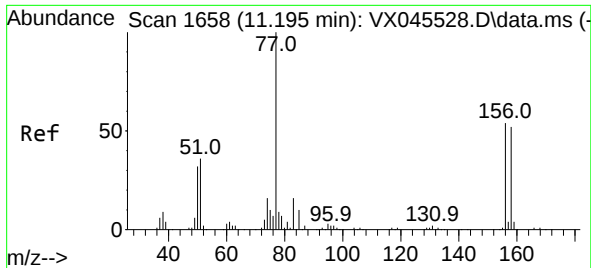
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.877 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

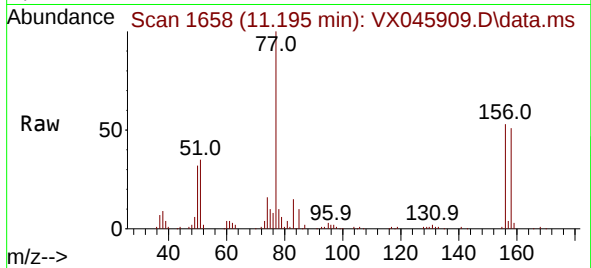
Tgt Ion: 75 Resp: 29837
 Ion Ratio Lower Upper
 75 100
 77 41.4 20.0 59.9





#77
Bromobenzene
Concen: 20.269 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

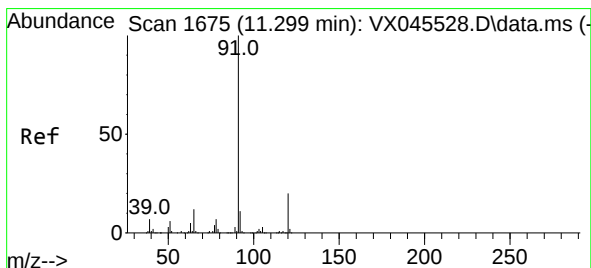
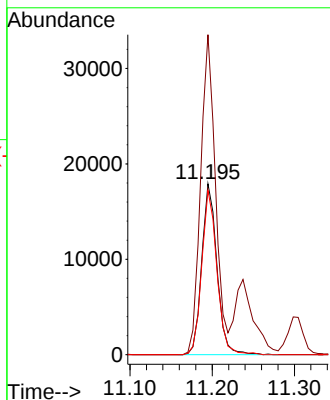
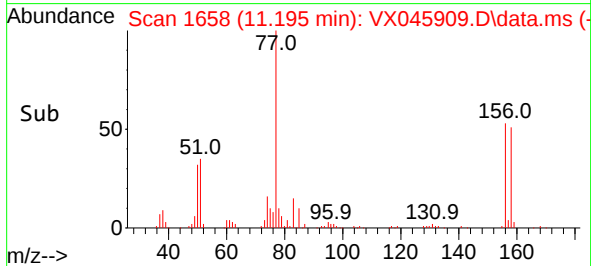
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



Tgt Ion:156 Resp: 23085
Ion Ratio Lower Upper
156 100
77 182.7 92.6 277.8
158 95.9 48.1 144.4

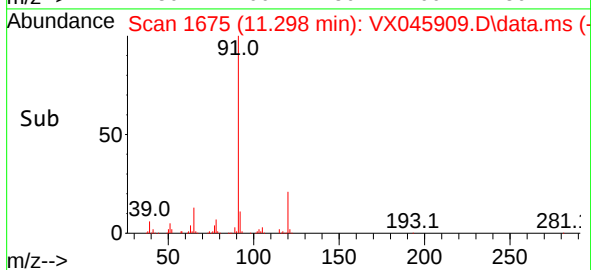
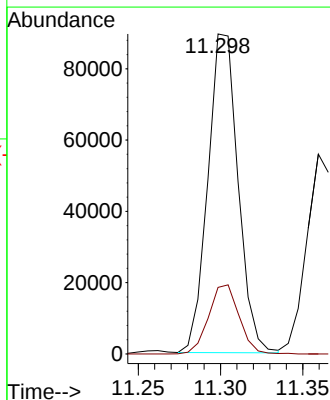
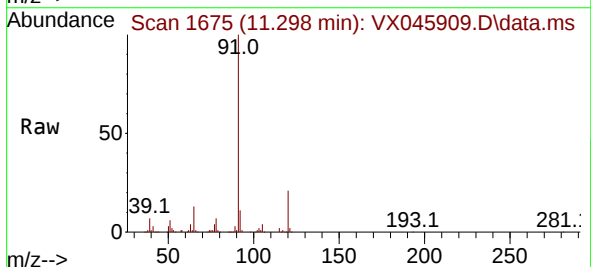
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
n-propylbenzene
Concen: 20.160 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 91 Resp: 114462
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.3





#79

2-Chlorotoluene

Concen: 19.970 ug/l

RT: 11.359 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 91 Resp: 72485

Ion Ratio Lower Upper

91 100

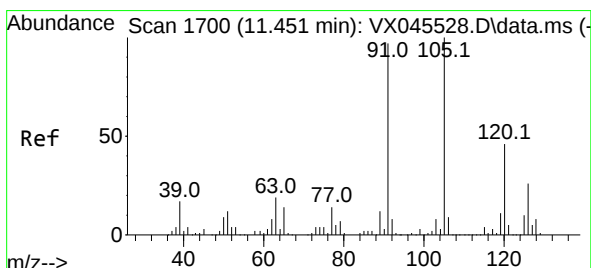
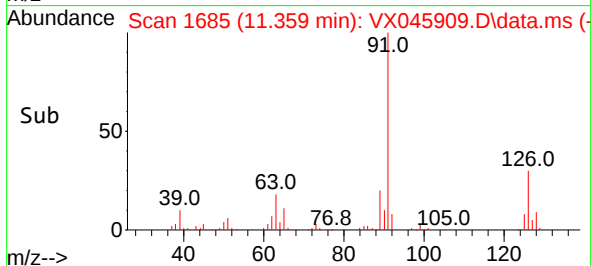
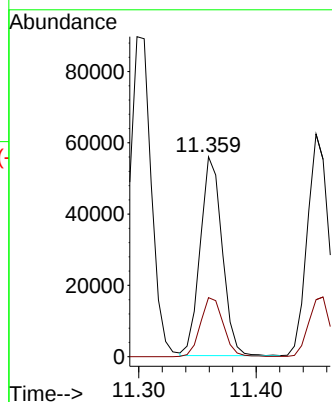
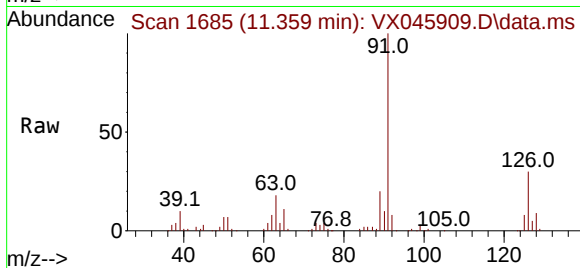
126 31.1 15.8 47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#80

1,3,5-Trimethylbenzene

Concen: 20.460 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045909.D

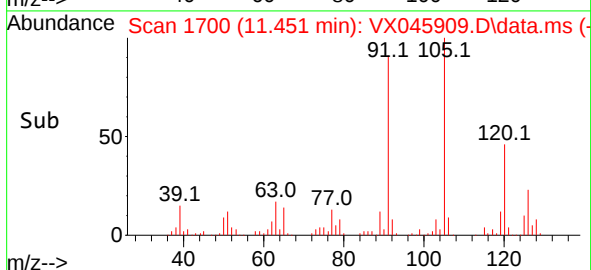
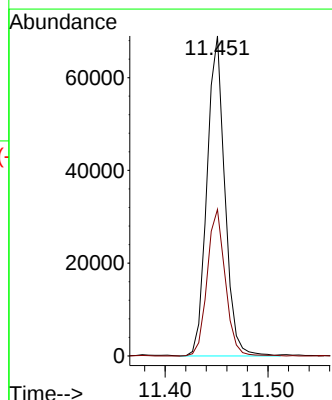
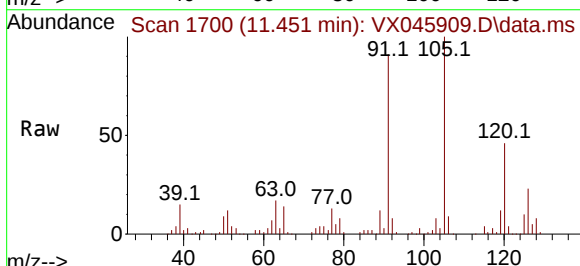
Acq: 23 Apr 2025 13:50

Tgt Ion:105 Resp: 83395

Ion Ratio Lower Upper

105 100

120 46.3 23.0 69.0





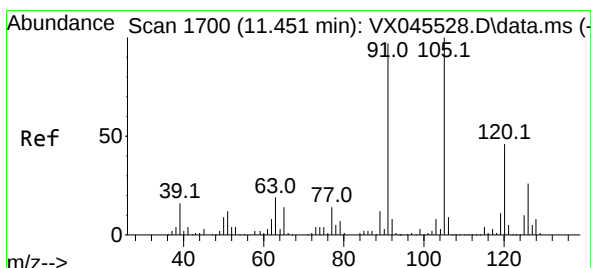
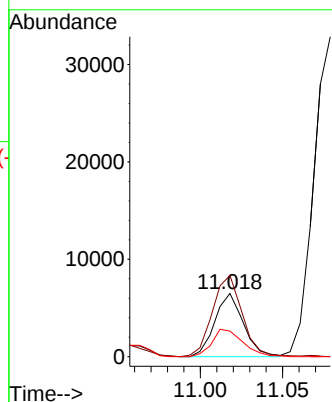
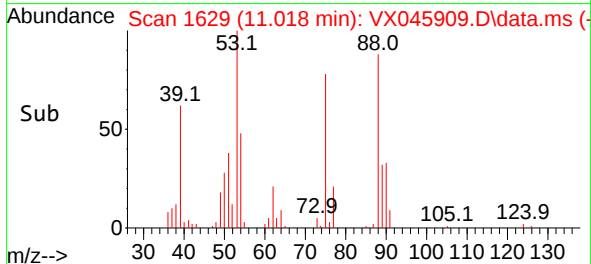
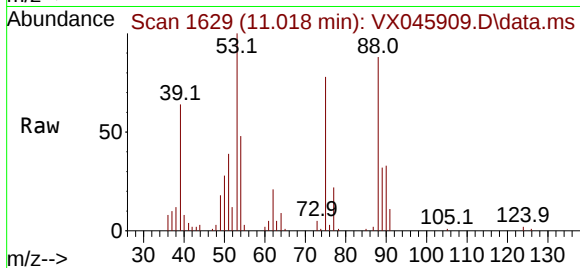
#81
trans-1,4-Dichloro-2-butene
Concen: 17.776 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion: 75 Resp: 7862
Ion Ratio Lower Upper
75 100
53 134.7 101.8 152.6
89 46.9 37.2 55.8

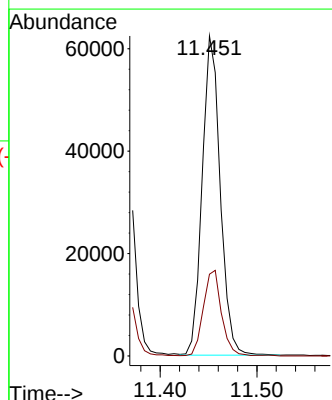
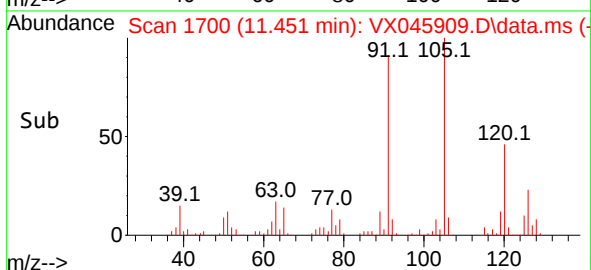
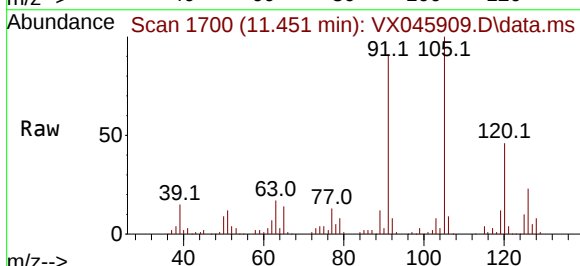
Manual Integrations
APPROVED

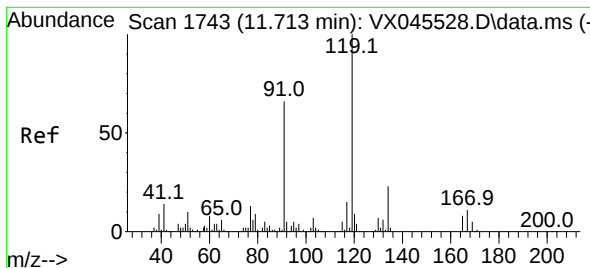
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#82
4-Chlorotoluene
Concen: 20.006 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

Tgt Ion: 91 Resp: 80962
Ion Ratio Lower Upper
91 100
126 26.7 13.3 39.9





#83

tert-Butylbenzene

Concen: 20.382 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

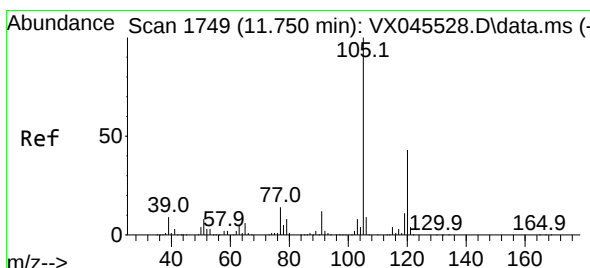
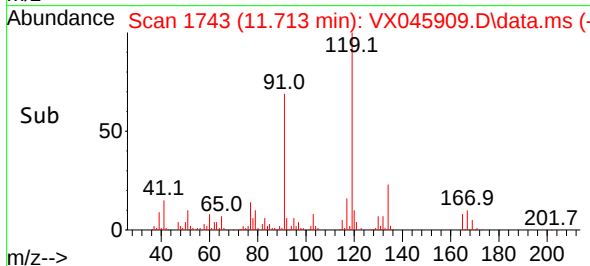
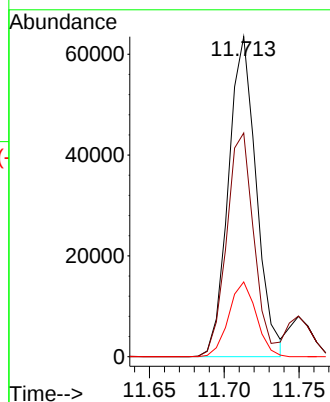
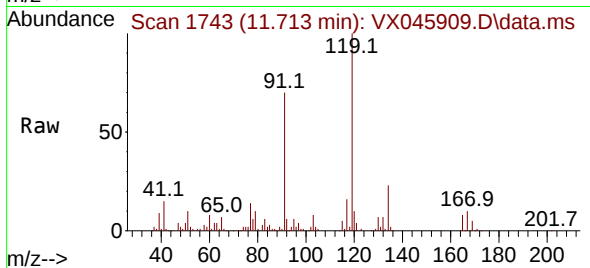
Tgt Ion:	119	Resp:	8225
Ion Ratio	Lower	Upper	
119	100		
91	67.9	32.4	97.2
134	23.0	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.317 ug/l

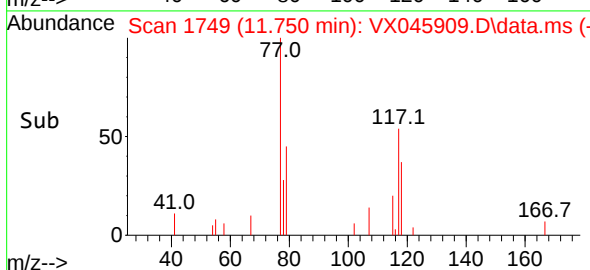
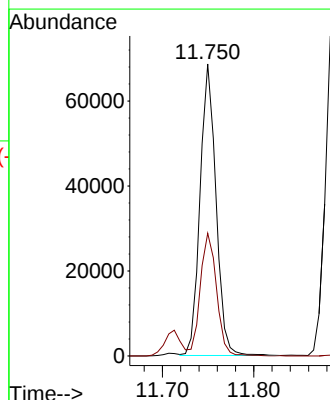
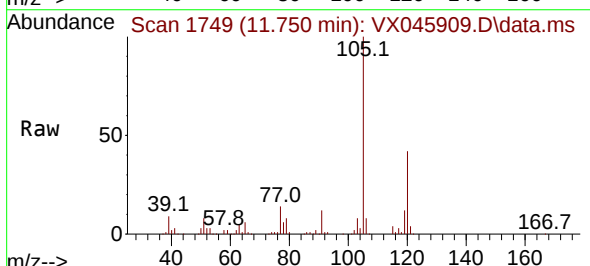
RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

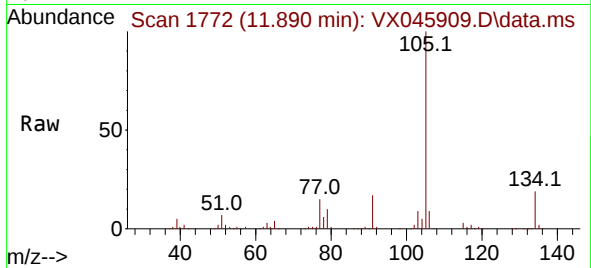
Tgt Ion:	105	Resp:	83120
Ion Ratio	Lower	Upper	
105	100		
120	43.1	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 20.980 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50

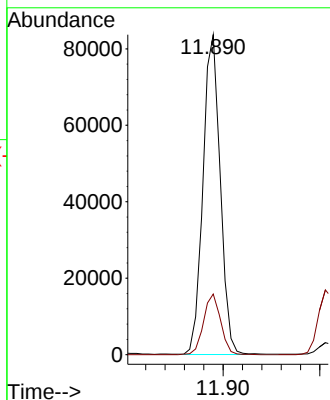
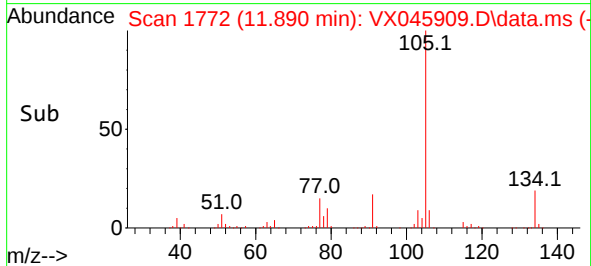
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01



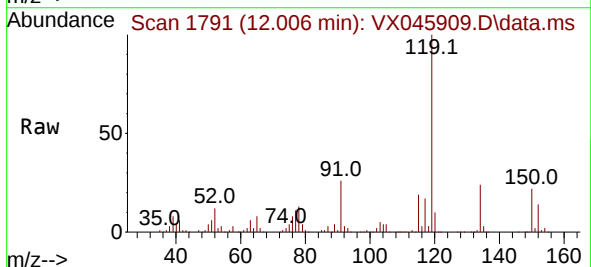
Tgt Ion:105 Resp: 10398
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

Manual Integrations
 APPROVED

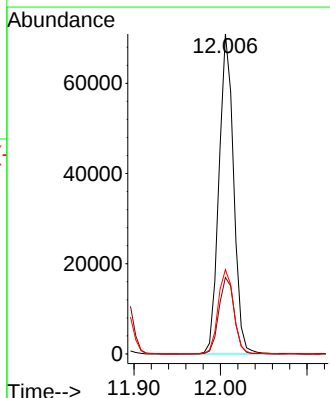
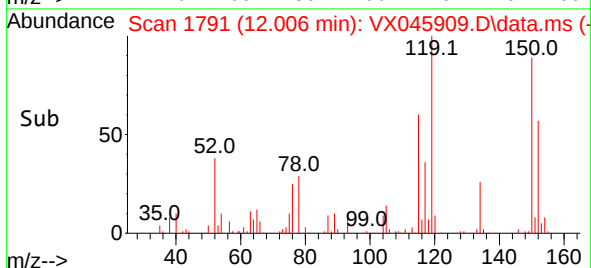
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#86
 p-Isopropyltoluene
 Concen: 20.426 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045909.D
 Acq: 23 Apr 2025 13:50



Tgt Ion:119 Resp: 83465
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.9 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 19.901 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

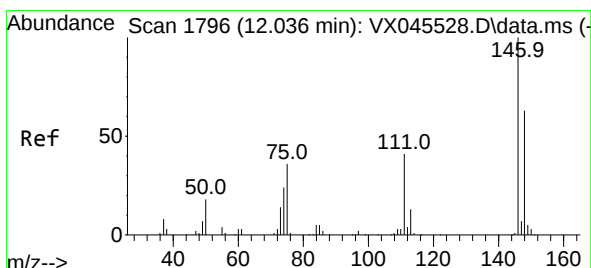
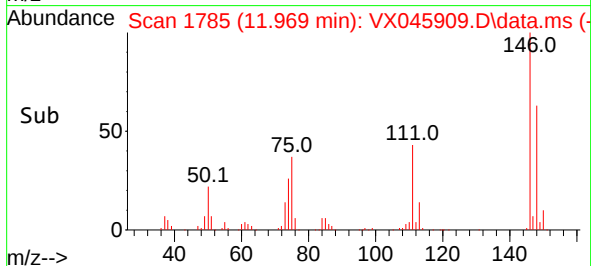
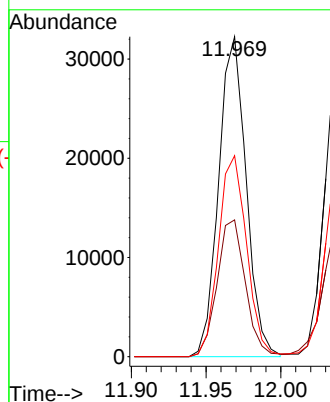
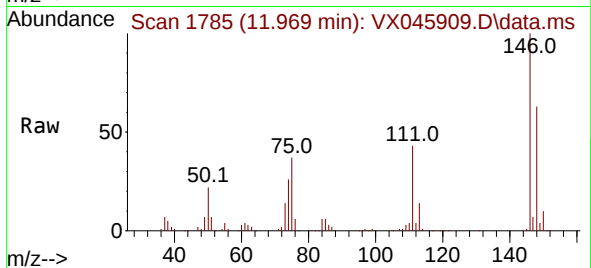
Tgt Ion:146 Resp: 41258
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.2 66.6
 148 64.3 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#88

1,4-Dichlorobenzene

Concen: 19.511 ug/l

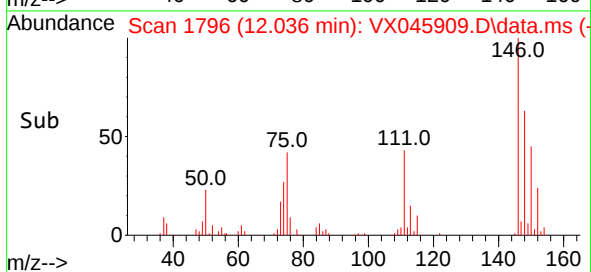
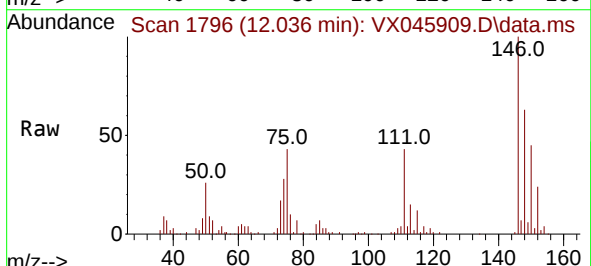
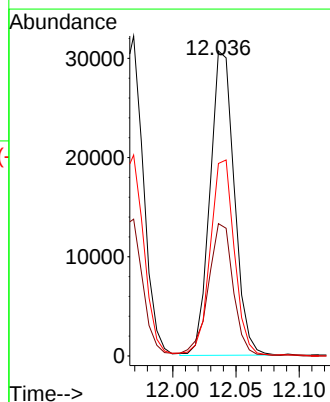
RT: 12.036 min Scan# 1796

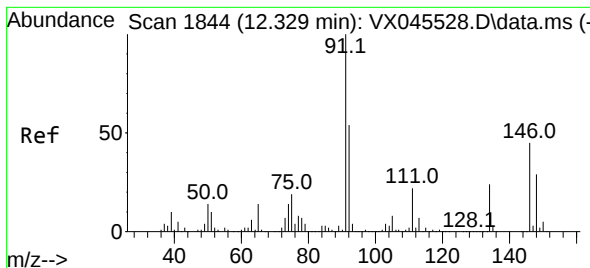
Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Tgt Ion:146 Resp: 41008
 Ion Ratio Lower Upper
 146 100
 111 44.4 20.9 62.8
 148 65.0 31.5 94.5





#89

n-Butylbenzene

Concen: 20.068 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 91 Resp: 7111

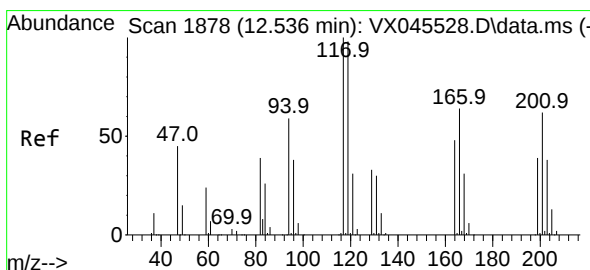
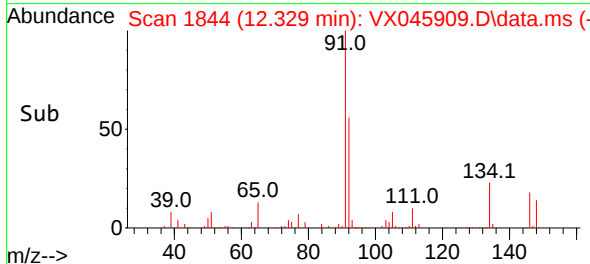
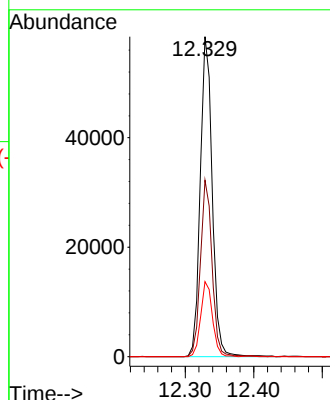
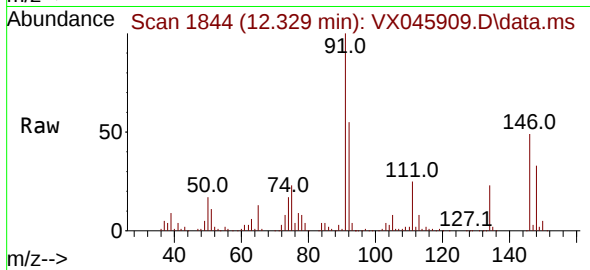
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.9	80.6
134	23.1	11.9	35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#90

Hexachloroethane

Concen: 20.123 ug/l

RT: 12.536 min Scan# 1878

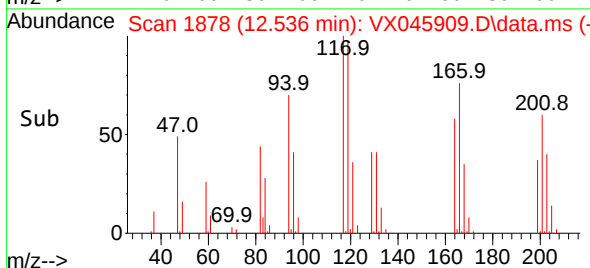
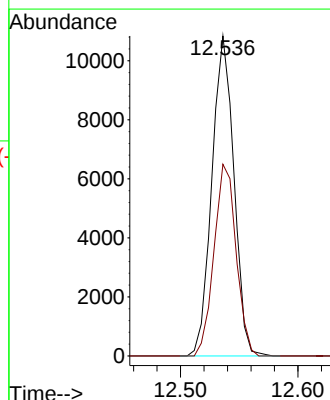
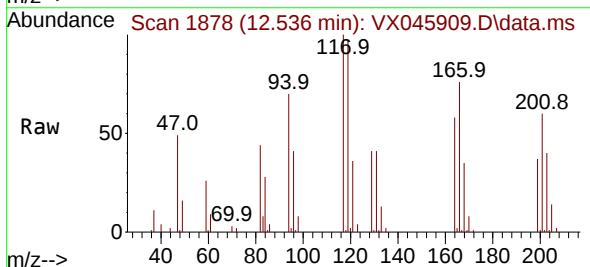
Delta R.T. -0.000 min

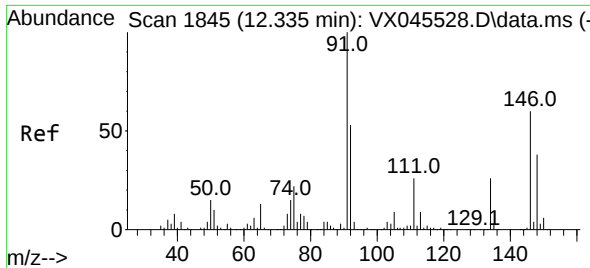
Lab File: VX045909.D

Acq: 23 Apr 2025 13:50

Tgt Ion:117 Resp: 14132

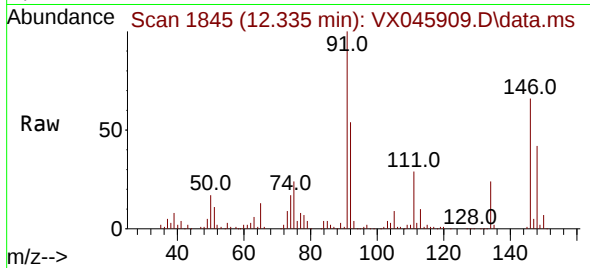
Ion	Ratio	Lower	Upper
117	100		
201	60.1	31.2	93.6





#91
1,2-Dichlorobenzene
Concen: 20.572 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

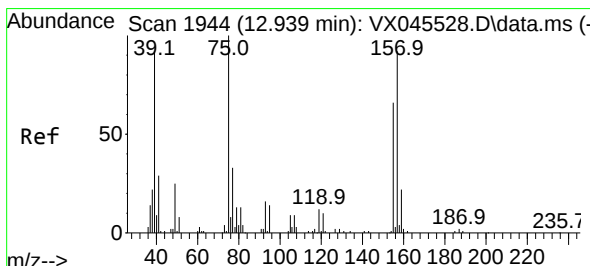
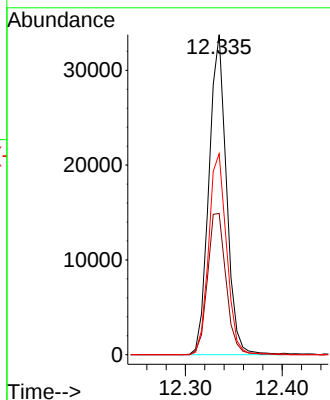
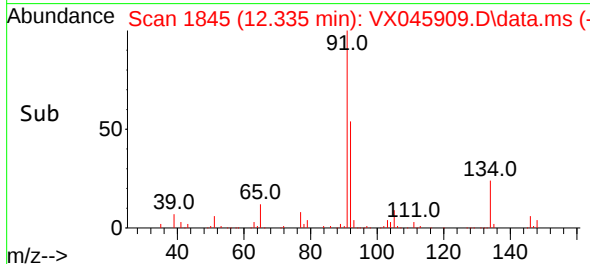
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



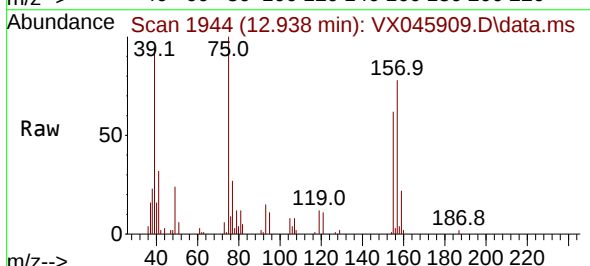
Tgt Ion:146 Resp: 4240
Ion Ratio Lower Upper
146 100
111 46.8 22.9 68.8
148 64.3 31.9 95.5

Manual Integrations
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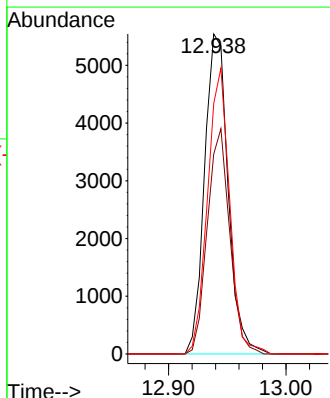
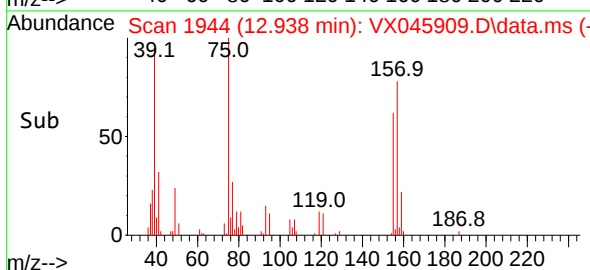
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

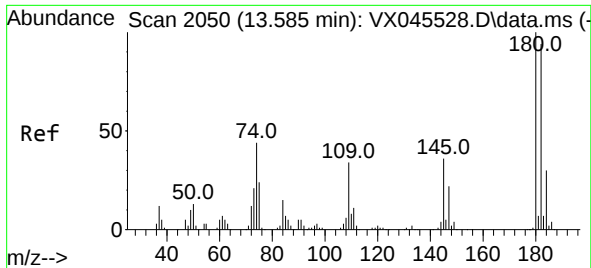


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.315 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50



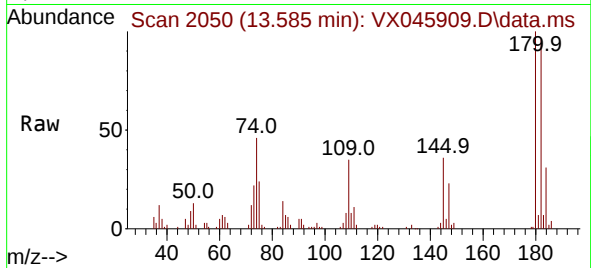
Tgt Ion: 75 Resp: 7719
Ion Ratio Lower Upper
75 100
155 67.0 34.9 104.7
157 83.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.552 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

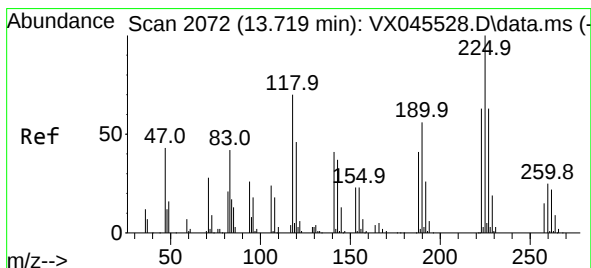
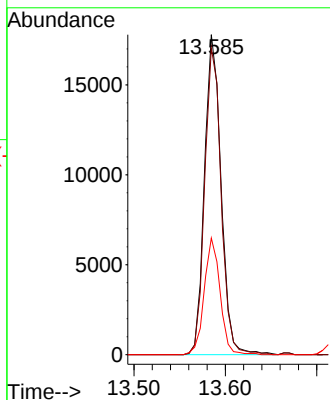
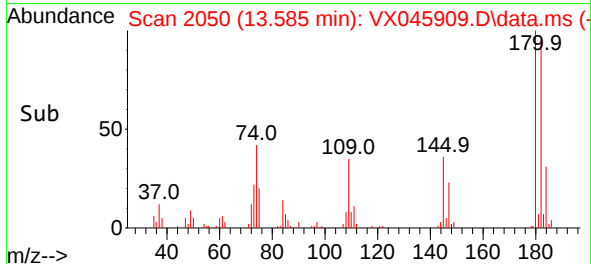
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



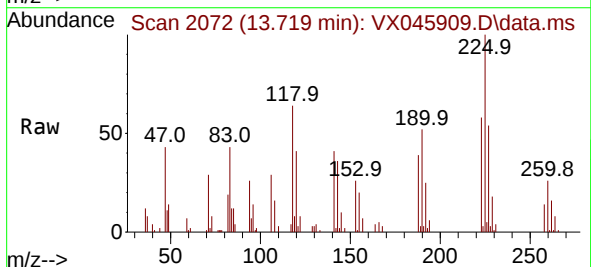
Tgt Ion:180 Resp: 2243
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.6
145 34.9 17.9 53.8

Manual Integrations
APPROVED

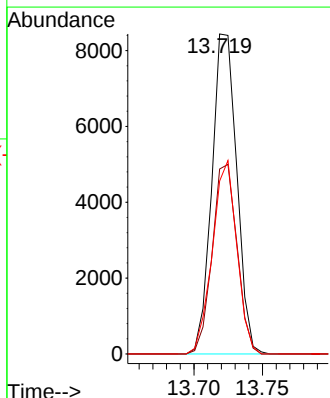
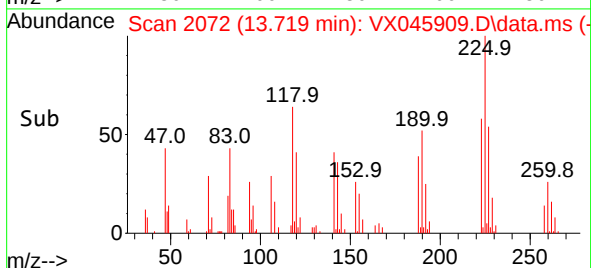
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

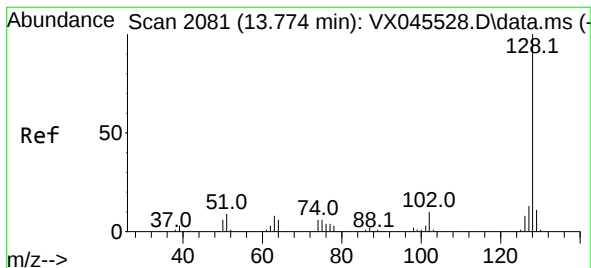


#94
Hexachlorobutadiene
Concen: 21.590 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50



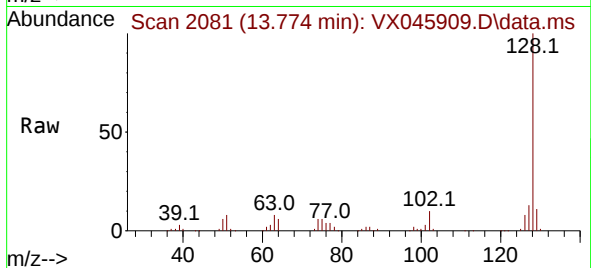
Tgt Ion:225 Resp: 10674
Ion Ratio Lower Upper
225 100
223 59.1 31.1 93.3
227 59.2 32.2 96.6





#95
Naphthalene
Concen: 19.781 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50

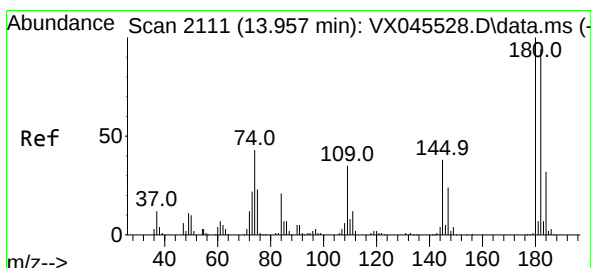
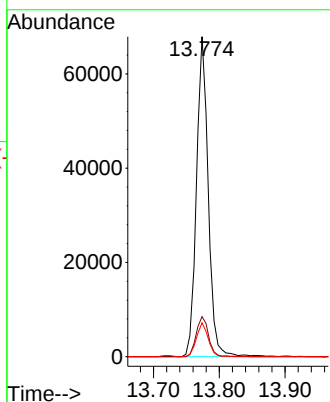
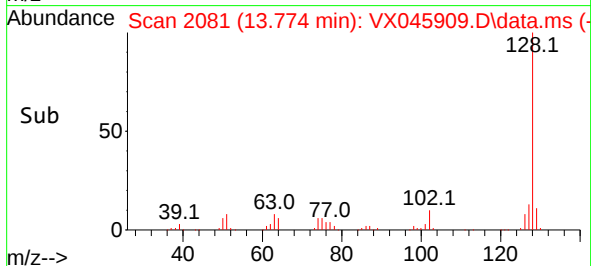
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01



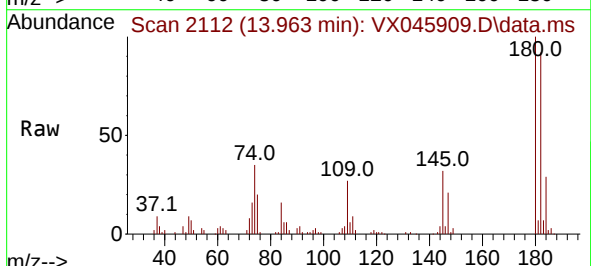
Tgt Ion:128 Resp: 84459
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.398 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045909.D
Acq: 23 Apr 2025 13:50



Tgt Ion:180 Resp: 24506
Ion Ratio Lower Upper
180 100
182 91.9 47.3 141.8
145 36.4 18.2 54.6

