

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045474.D
 Acq On : 27 Mar 2025 14:03
 Operator : JC/MD
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Quant Time: Mar 28 01:34:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75668	54.067	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.140%			
35) Dibromofluoromethane	5.379	113	54997	54.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.460%			
50) Toluene-d8	8.647	98	184785	50.261	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.079	95	68031	55.842	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23829	21.516	ug/l	98
3) Chloromethane	1.301	50	22897	16.894	ug/l	98
4) Vinyl Chloride	1.368	62	21349	15.878	ug/l	99
5) Bromomethane	1.599	94	13086	24.758	ug/l	90
6) Chloroethane	1.679	64	12930	20.849	ug/l	98
7) Trichlorofluoromethane	1.880	101	33510	18.827	ug/l	98
8) Diethyl Ether	2.130	74	10863	15.603	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	21834	21.351	ug/l	99
10) Methyl Iodide	2.447	142	24434	19.120	ug/l	95
11) Tert butyl alcohol	2.965	59	19187	72.378	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	19619	18.146	ug/l	89
13) Acrolein	2.233	56	32528	106.148	ug/l	100
14) Allyl chloride	2.660	41	36378	18.903	ug/l	93
15) Acrylonitrile	3.062	53	63224	88.988	ug/l	98
16) Acetone	2.380	43	81020	124.773	ug/l	96
17) Carbon Disulfide	2.508	76	47814	16.604	ug/l	97
18) Methyl Acetate	2.703	43	27518	17.616	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	66430	18.314	ug/l	95
20) Methylene Chloride	2.782	84	24296	18.889	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	19635	18.383	ug/l	98
22) Diisopropyl ether	3.764	45	71412	18.246	ug/l	89
23) Vinyl Acetate	3.721	43	310067	94.931	ug/l	98
24) 1,1-Dichloroethane	3.605	63	40657	18.535	ug/l	99
25) 2-Butanone	4.556	43	98964	101.251	ug/l	99
26) 2,2-Dichloropropane	4.471	77	27492	26.721	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	23863	18.098	ug/l	92
28) Bromochloromethane	4.891	49	23582	22.555	ug/l	96
29) Tetrahydrofuran	5.007	42	57576	87.717	ug/l	99
30) Chloroform	5.086	83	42512	19.505	ug/l	95
31) Cyclohexane	5.464	56	35472	18.629	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	35072	19.924	ug/l	97
36) 1,1-Dichloropropene	5.690	75	27498	19.772	ug/l	99
37) Ethyl Acetate	4.715	43	33744	18.830	ug/l	98
38) Carbon Tetrachloride	5.678	117	29718	21.048	ug/l	99
39) Methylcyclohexane	7.379	83	34988	20.996	ug/l	93
40) Benzene	6.031	78	84000	19.127	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18546	19.139	ug/l	96
42) 1,2-Dichloroethane	6.086	62	34957	22.104	ug/l	96
43) Isopropyl Acetate	6.342	43	51679	19.502	ug/l	99
44) Trichloroethene	7.123	130	19703	19.107	ug/l	100
45) 1,2-Dichloropropane	7.428	63	21150	18.731	ug/l	97
46) Dibromomethane	7.580	93	16098	20.171	ug/l	95
47) Bromodichloromethane	7.824	83	31856	20.350	ug/l	99
48) Methyl methacrylate	7.690	41	27111	20.392	ug/l	93
49) 1,4-Dioxane	7.659	88	9571	341.290	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	181272	101.878	ug/l	98
52) Toluene	8.714	92	50475	19.589	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	26729	20.424	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	30709	20.123	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	20935	19.736	ug/l	98
56) Ethyl methacrylate	9.116	69	32164	19.948	ug/l	93
57) 1,3-Dichloropropane	9.305	76	35741	19.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	89564	113.869	ug/l	99
59) 2-Hexanone	9.427	43	137741	106.844	ug/l	97
60) Dibromochloromethane	9.519	129	22606	20.382	ug/l	100
61) 1,2-Dibromoethane	9.610	107	20838	19.678	ug/l	97
64) Tetrachloroethene	9.269	164	18599	21.769	ug/l	97
65) Chlorobenzene	10.079	112	54201	19.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	18413	19.588	ug/l	97
67) Ethyl Benzene	10.189	91	98151	19.956	ug/l	99
68) m/p-Xylenes	10.299	106	71444	39.679	ug/l	95
69) o-Xylene	10.640	106	35157	19.360	ug/l	96
70) Styrene	10.653	104	59026	20.088	ug/l	98
71) Bromoform	10.799	173	13929	19.650	ug/l #	100
73) Isopropylbenzene	10.957	105	93348	19.117	ug/l	97
74) N-amyl acetate	10.842	43	43856	19.140	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	33535	18.715	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	27636m	18.979	ug/l	
77) Bromobenzene	11.195	156	21372	18.550	ug/l	95
78) n-propylbenzene	11.299	91	107190	19.432	ug/l	99
79) 2-Chlorotoluene	11.360	91	66942	19.056	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	77630	19.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7749	18.212	ug/l #	83
82) 4-Chlorotoluene	11.451	91	73932	19.310	ug/l	100
83) tert-Butylbenzene	11.713	119	75919	18.714	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	77339	19.467	ug/l	100
85) sec-Butylbenzene	11.890	105	97050	19.971	ug/l	98
86) p-Isopropyltoluene	12.006	119	78379	19.958	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	38291	18.630	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	38794	18.657	ug/l	97
89) n-Butylbenzene	12.329	91	67937	20.086	ug/l	98
90) Hexachloroethane	12.536	117	13630	19.188	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	39291	19.057	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7323	20.977	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	21728	18.508	ug/l	99
94) Hexachlorobutadiene	13.725	225	9387	19.503	ug/l	98
95) Naphthalene	13.774	128	82954	18.391	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23008	18.577	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

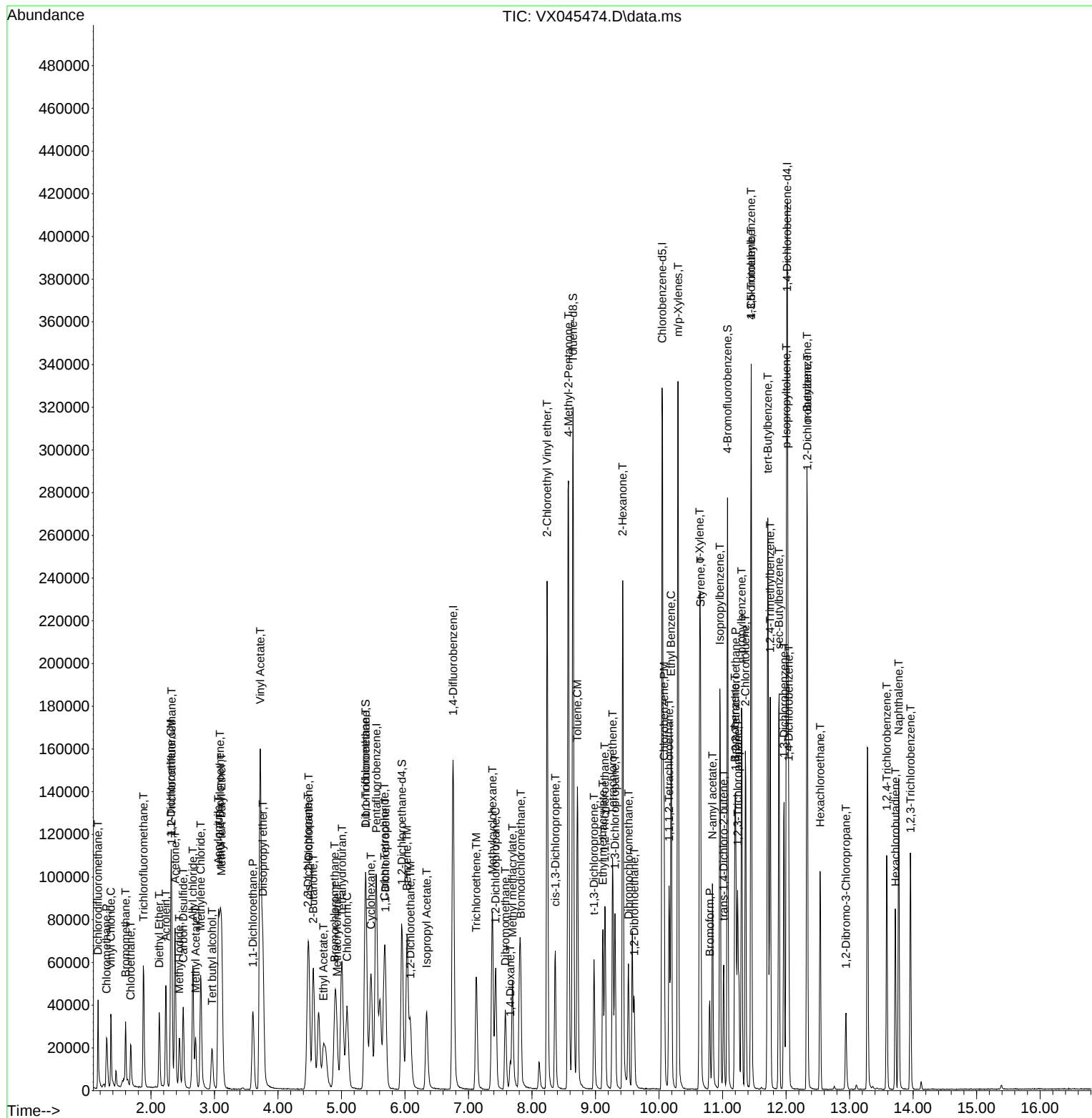
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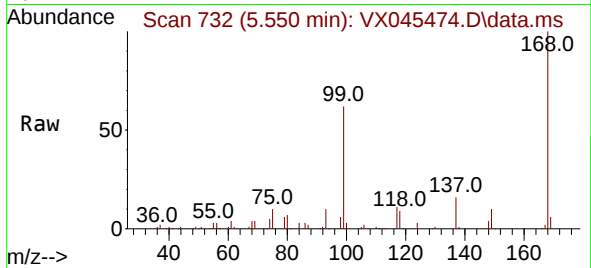
Reviewed By : John Carlone 03/28/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045474.D
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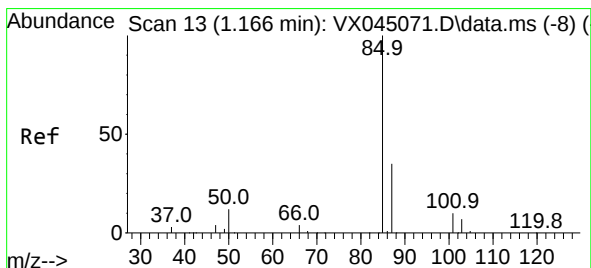
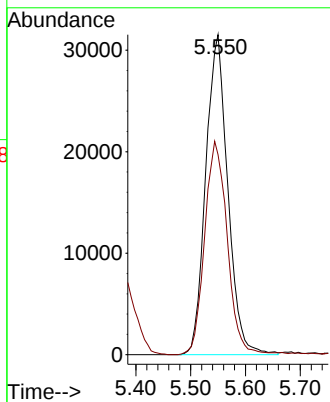
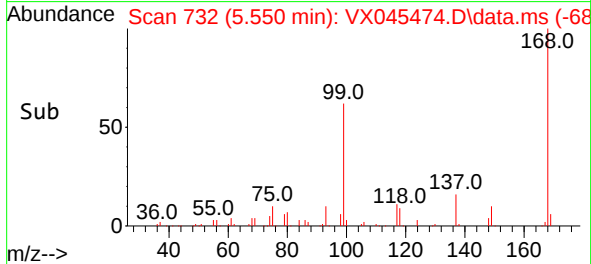
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion:168 Resp: 87985
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4

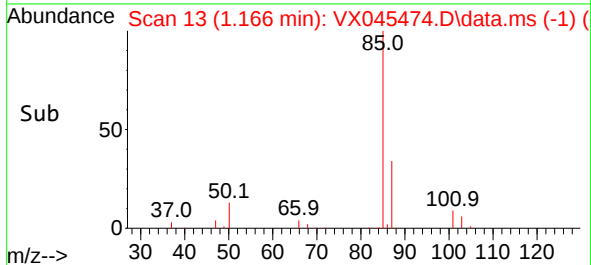
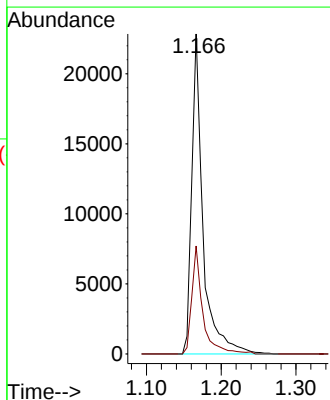
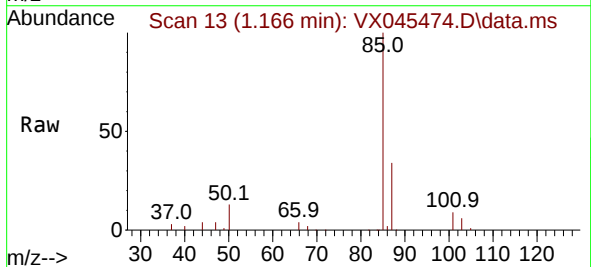
Manual Integrations
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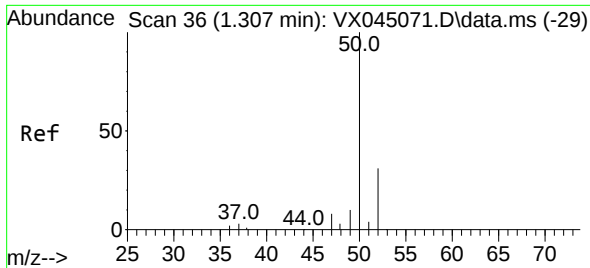
Reviewed By :John Carlone 03/28/2025
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#2
Dichlorodifluoromethane
Concen: 21.516 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion: 85 Resp: 23829
Ion Ratio Lower Upper
85 100
87 33.7 17.4 52.3





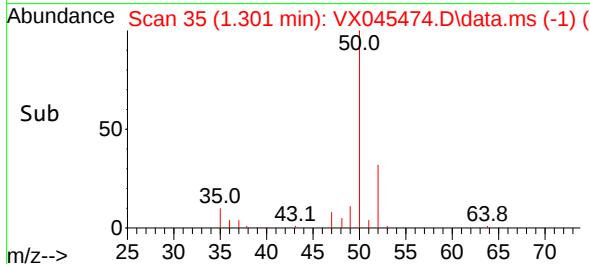
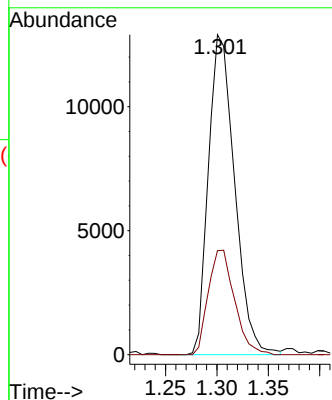
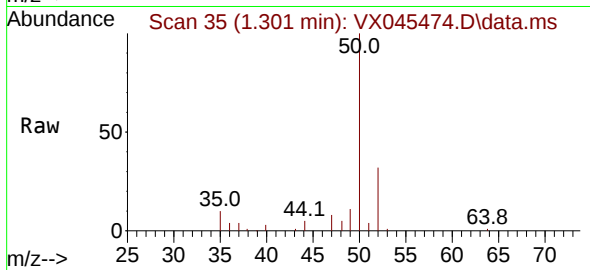
#3
Chloromethane
Concen: 16.894 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 50 Resp: 2289
Ion Ratio Lower Upper
50 100
52 32.5 25.0 37.4

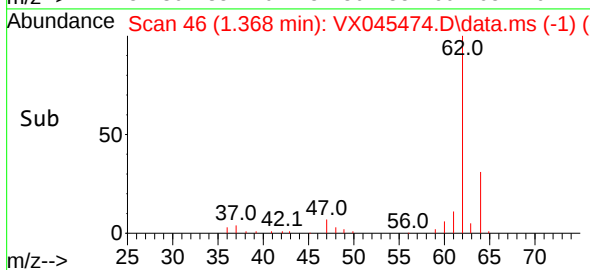
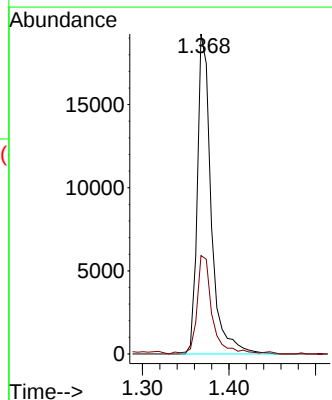
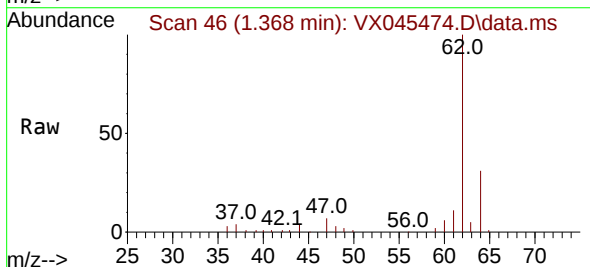
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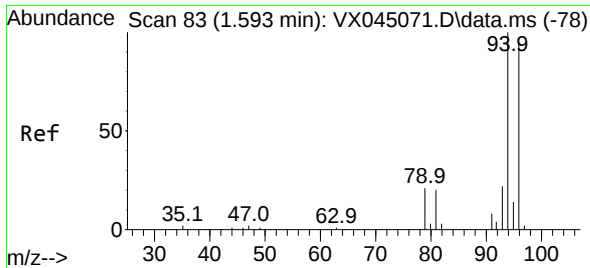
Reviewed By :John Carlone 03/28/2025
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#4
Vinyl Chloride
Concen: 15.878 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

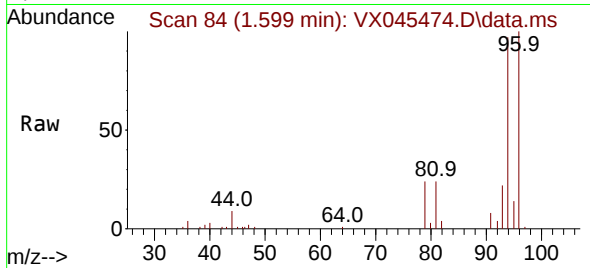
Tgt Ion: 62 Resp: 21349
Ion Ratio Lower Upper
62 100
64 30.8 24.3 36.5





#5
Bromomethane
Concen: 24.758 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

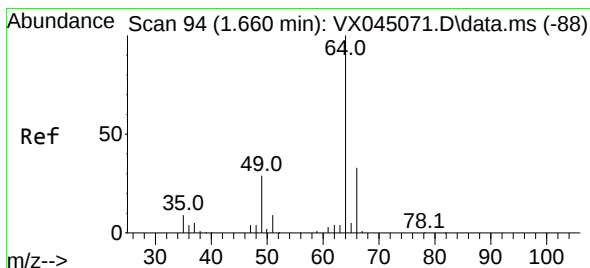
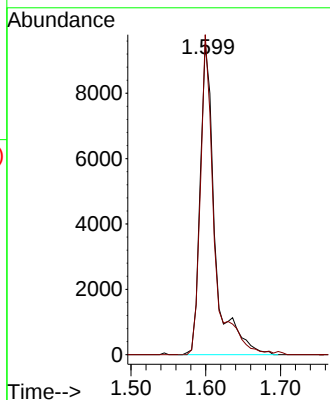
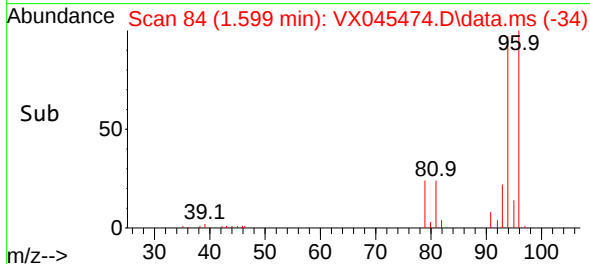
Instrument :
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Tgt Ion: 94 Resp: 1308
Ion Ratio Lower Upper
94 100
96 103.2 75.0 112.4

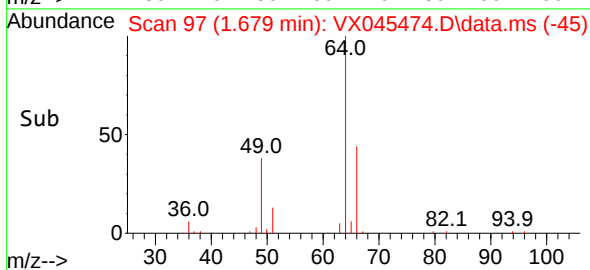
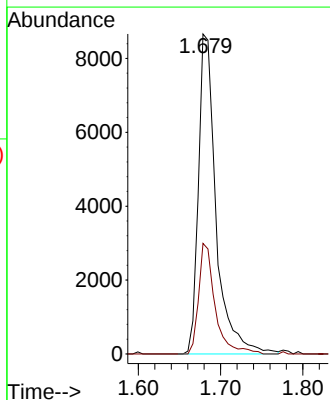
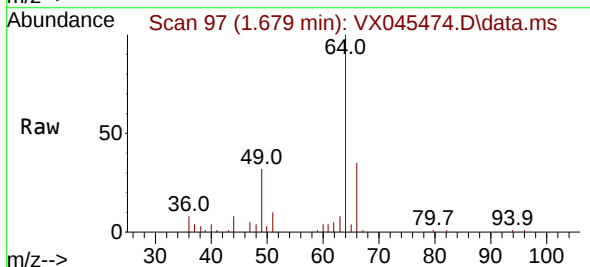
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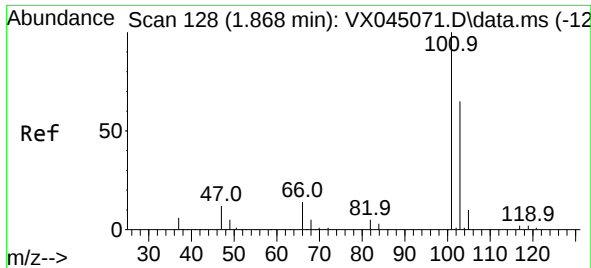
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#6
Chloroethane
Concen: 20.849 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.018 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

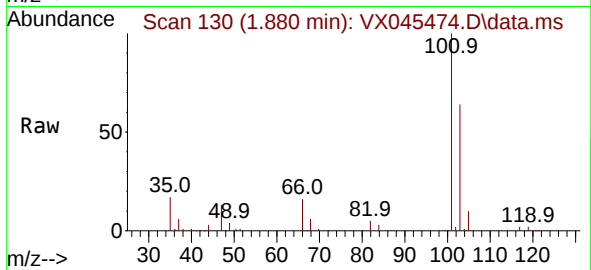
Tgt Ion: 64 Resp: 12930
Ion Ratio Lower Upper
64 100
66 34.6 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 18.827 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX045474.D
 Acq: 27 Mar 2025 14:03

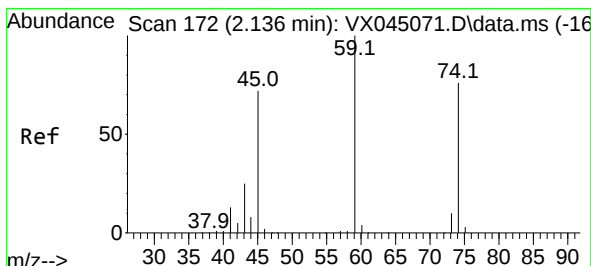
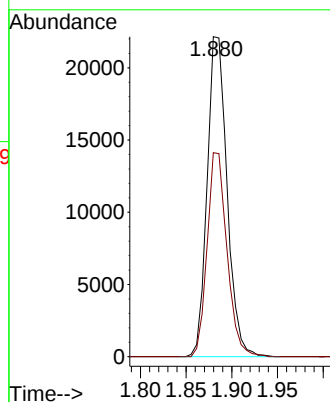
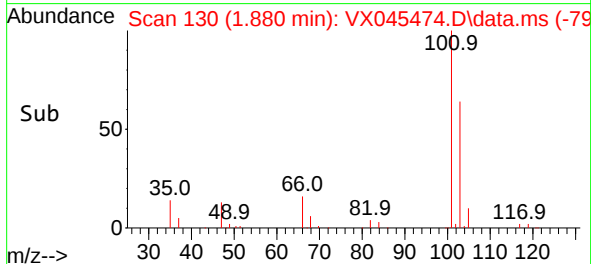
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01



Tgt Ion:101 Resp: 33510
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.1 78.1

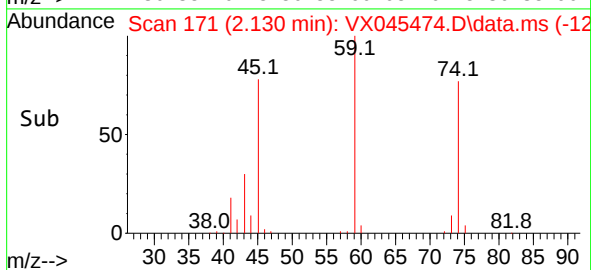
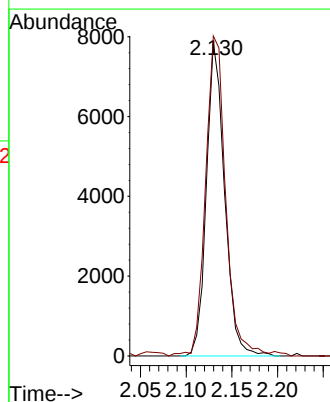
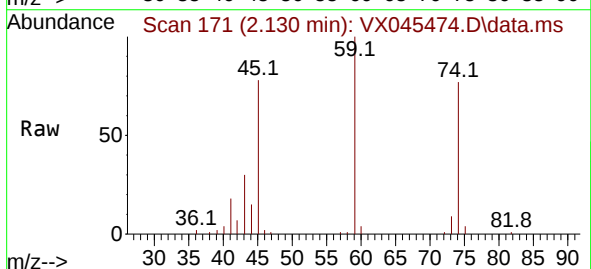
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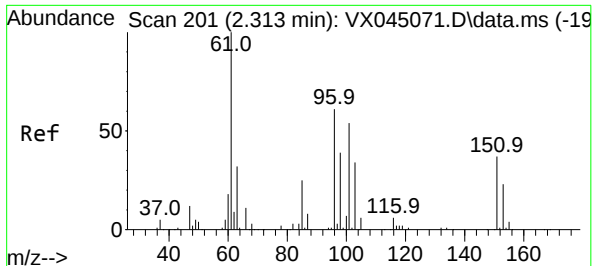
Reviewed By :John Carlone 03/28/2025
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#8
 Diethyl Ether
 Concen: 15.603 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045474.D
 Acq: 27 Mar 2025 14:03

Tgt Ion: 74 Resp: 10863
 Ion Ratio Lower Upper
 74 100
 45 112.5 51.5 154.5





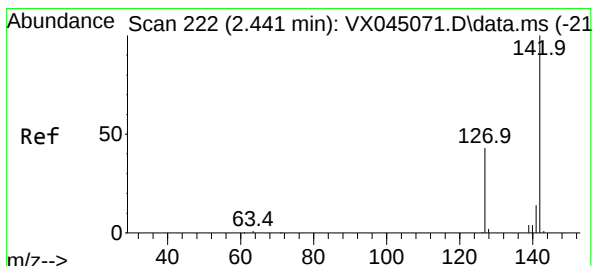
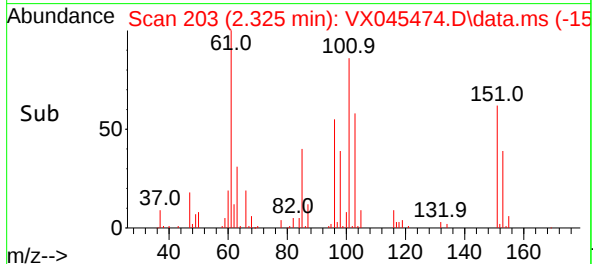
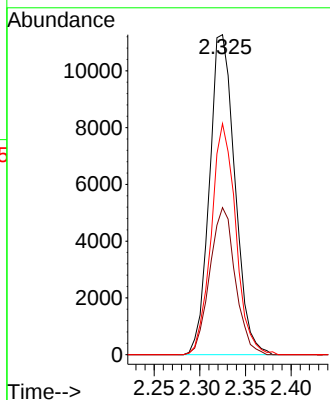
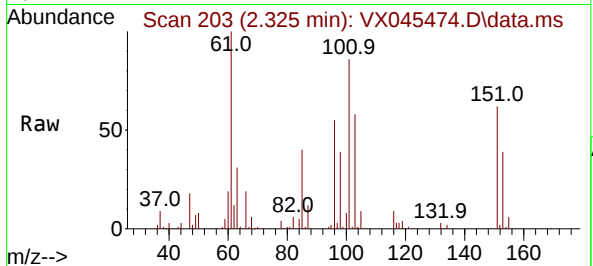
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.351 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.012 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion:101 Resp: 21834
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.4
151 69.7 56.4 84.6

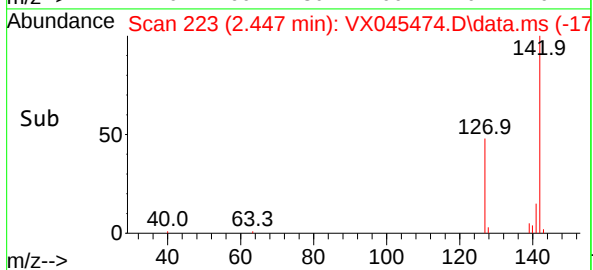
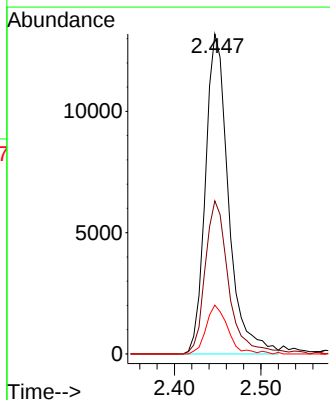
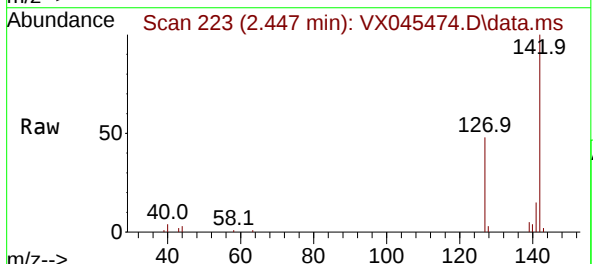
Manual Integrations
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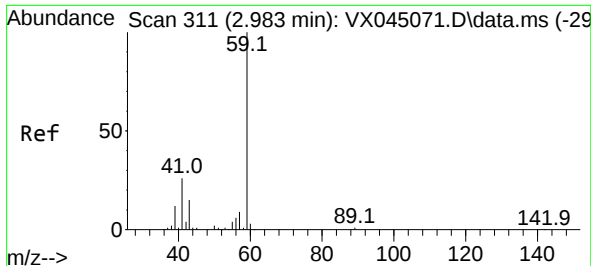
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 19.120 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

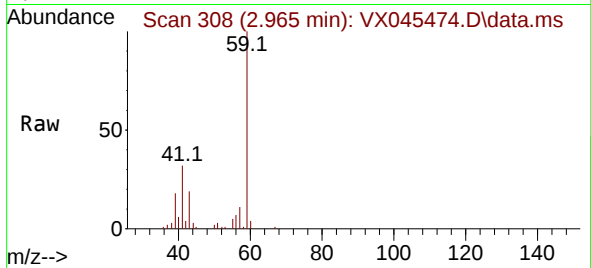
Tgt Ion:142 Resp: 24434
Ion Ratio Lower Upper
142 100
127 48.7 35.4 53.2
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 72.378 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

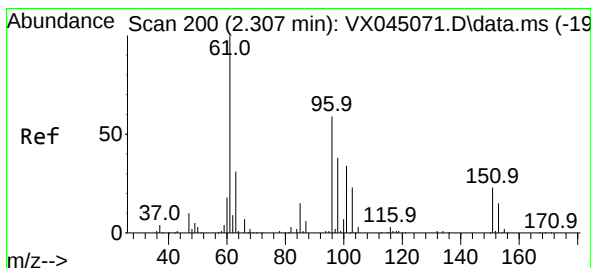
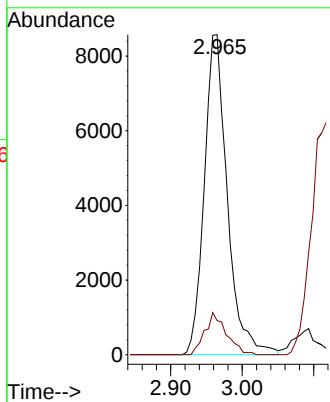
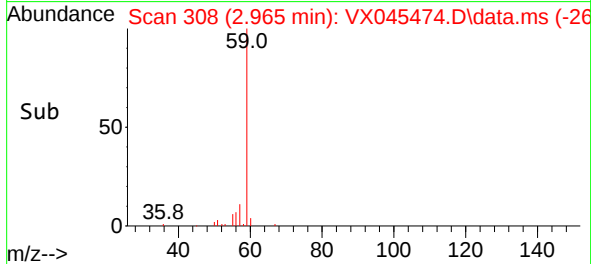
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 59 Resp: 1918
Ion Ratio Lower Upper
59 100
57 12.3 7.8 11.8

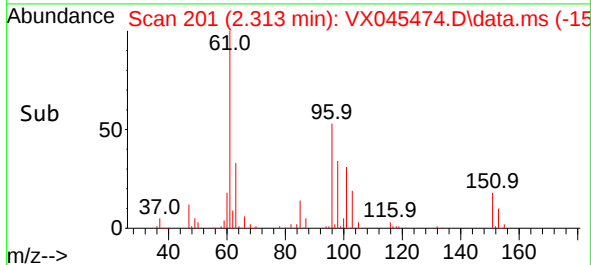
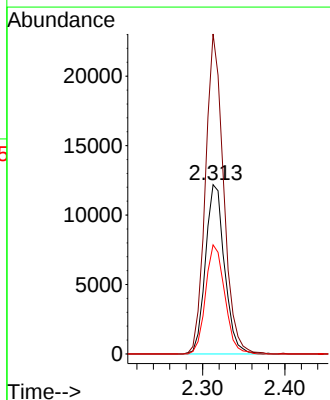
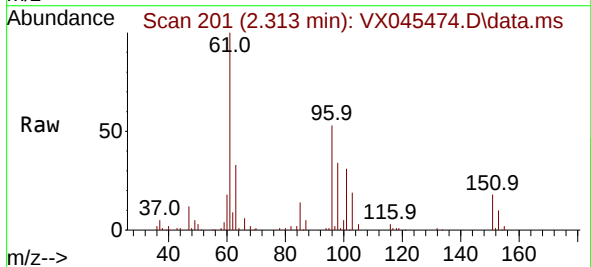
Manual Integrations
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Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#12
1,1-Dichloroethene
Concen: 18.146 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

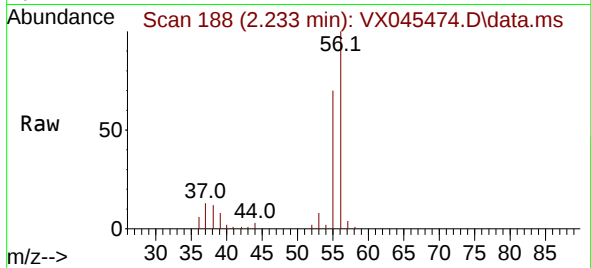
Tgt Ion: 96 Resp: 19619
Ion Ratio Lower Upper
96 100
61 189.1 134.6 202.0
98 64.4 51.0 76.6





#13
Acrolein
Concen: 106.148 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

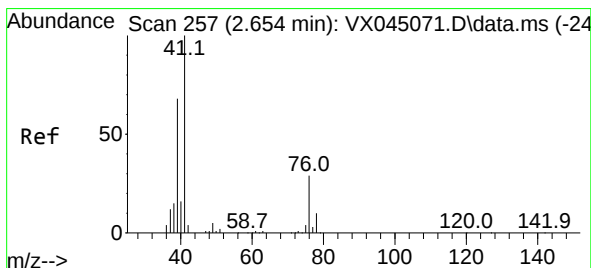
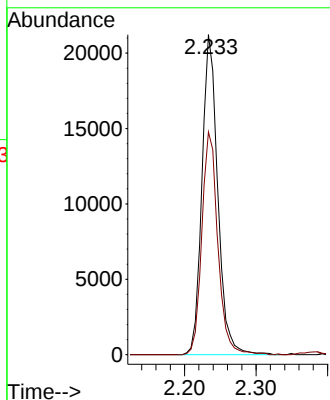
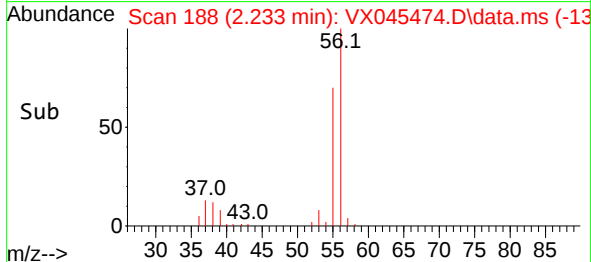
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 56 Resp: 32528
Ion Ratio Lower Upper
56 100
55 70.7 56.2 84.4

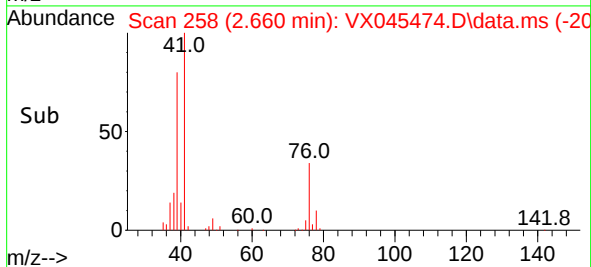
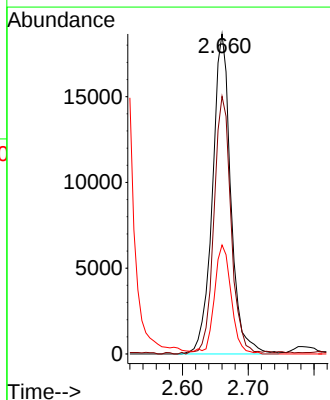
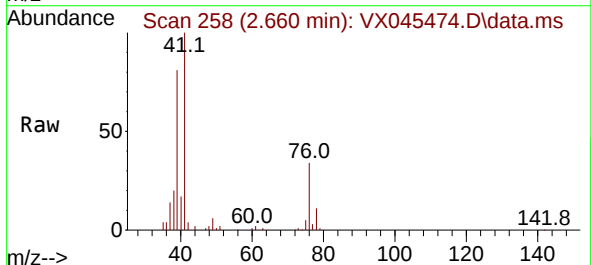
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#14
Allyl chloride
Concen: 18.903 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

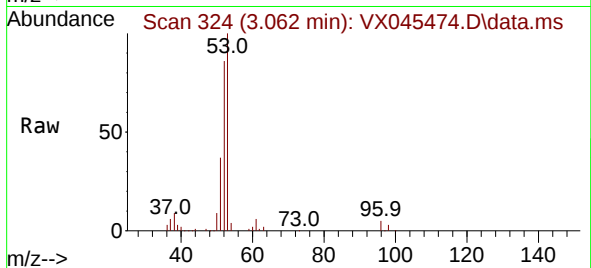
Tgt Ion: 41 Resp: 36378
Ion Ratio Lower Upper
41 100
39 75.1 53.8 80.8
76 31.1 25.2 37.8





#15
Acrylonitrile
Concen: 88.988 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

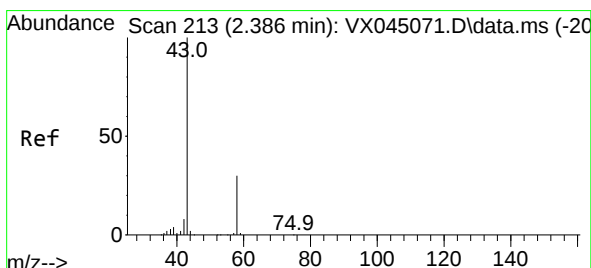
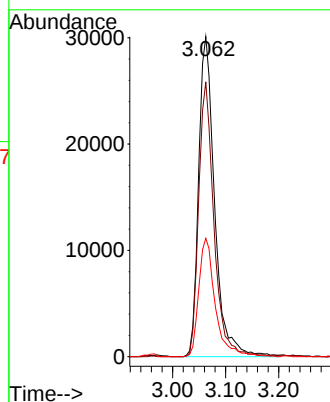
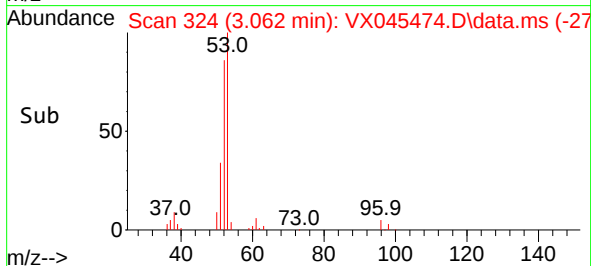
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 53 Resp: 63224
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 38.1 29.0 43.4

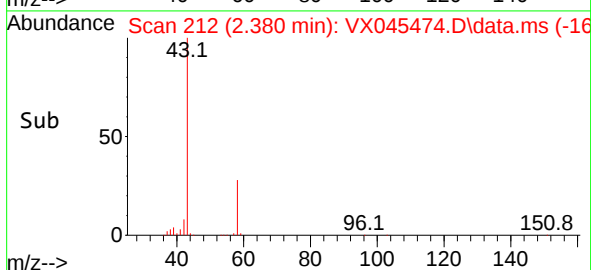
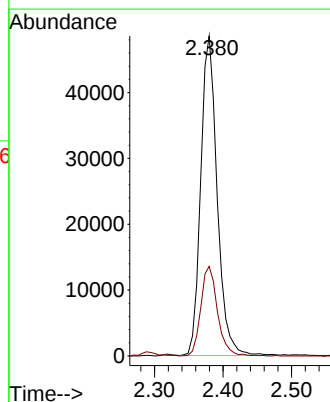
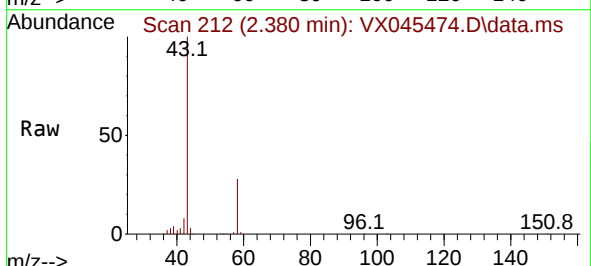
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 124.773 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion: 43 Resp: 81020
Ion Ratio Lower Upper
43 100
58 28.0 24.2 36.4





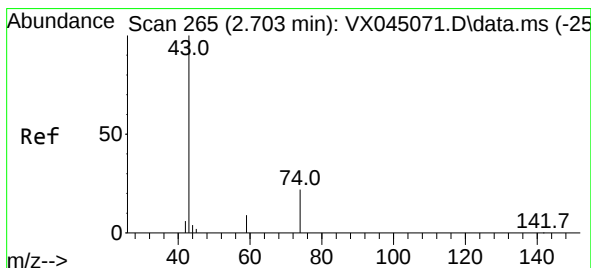
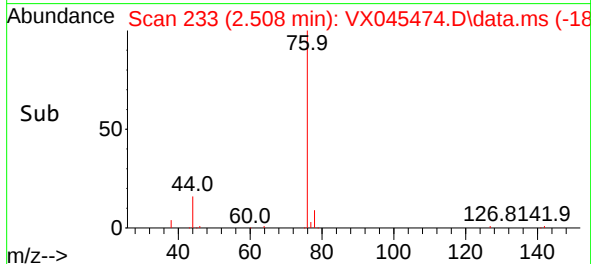
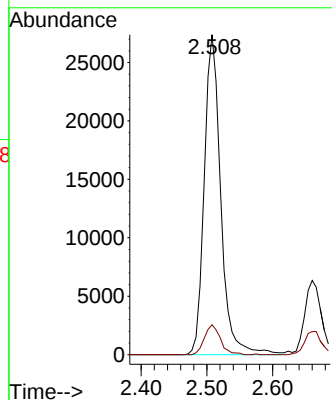
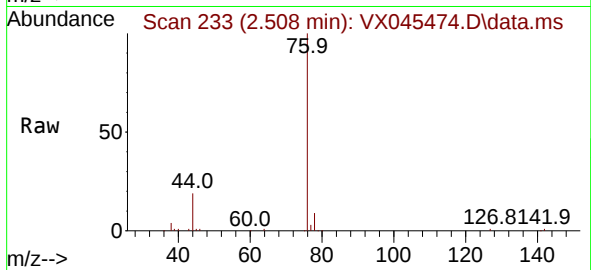
#17
Carbon Disulfide
Concen: 16.604 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 76 Resp: 47814
Ion Ratio Lower Upper
76 100
78 9.4 6.6 9.8

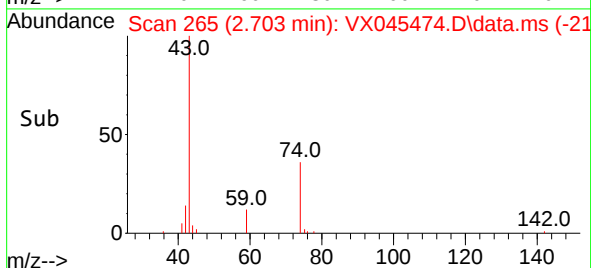
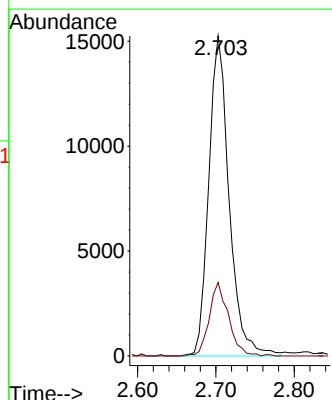
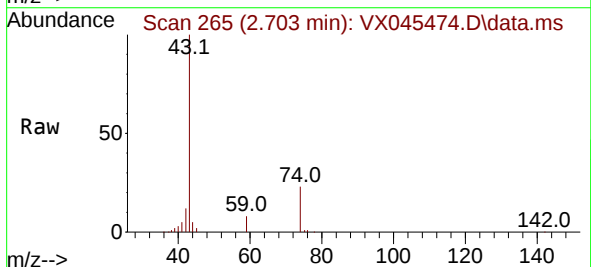
Manual Integrations
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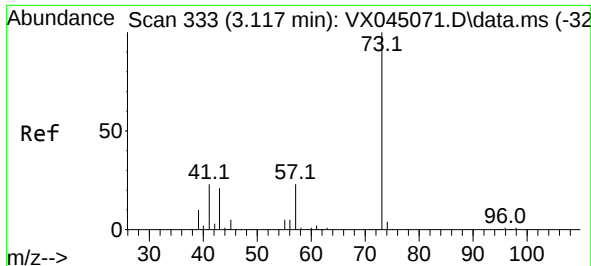
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 17.616 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion: 43 Resp: 27518
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2





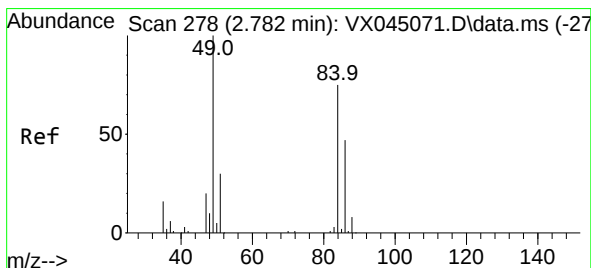
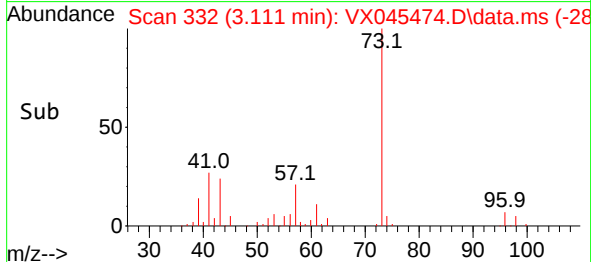
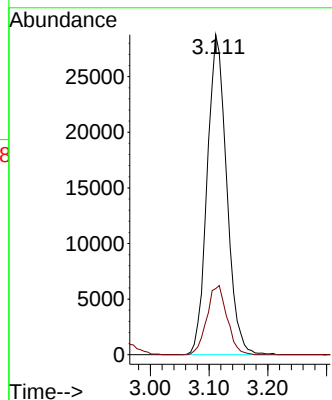
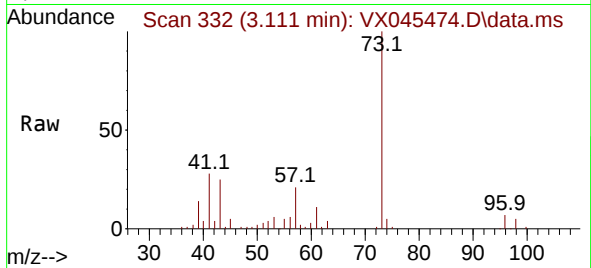
#19
Methyl tert-butyl Ether
Concen: 18.314 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 73 Resp: 66430
Ion Ratio Lower Upper
73 100
57 20.7 18.5 27.7

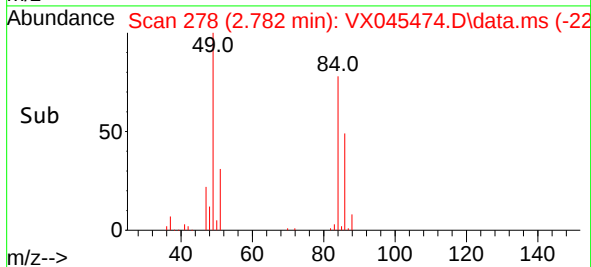
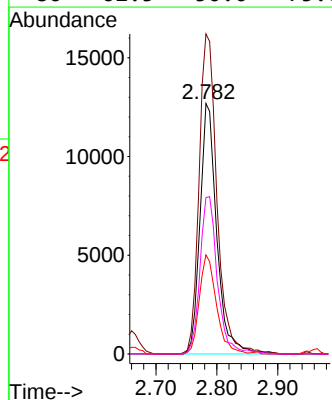
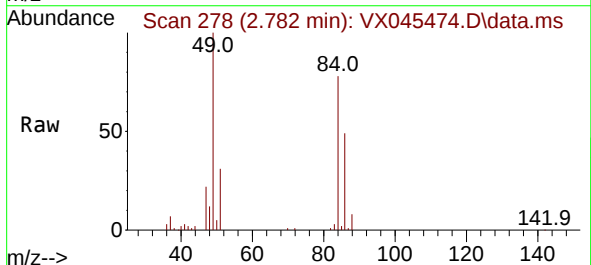
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 18.889 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

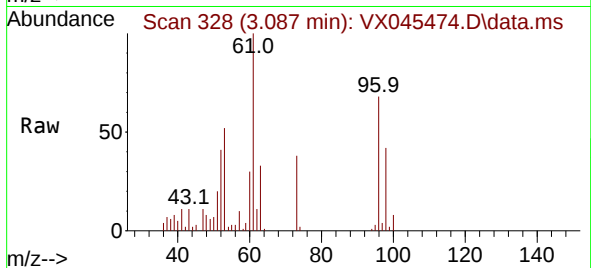
Tgt Ion: 84 Resp: 24296
Ion Ratio Lower Upper
84 100
49 127.8 106.5 159.7
51 39.6 32.1 48.1
86 62.5 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 18.383 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

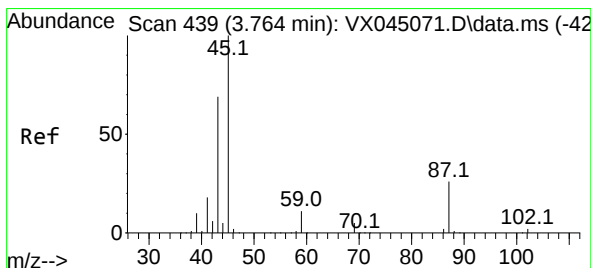
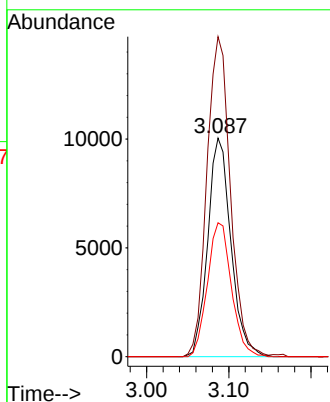
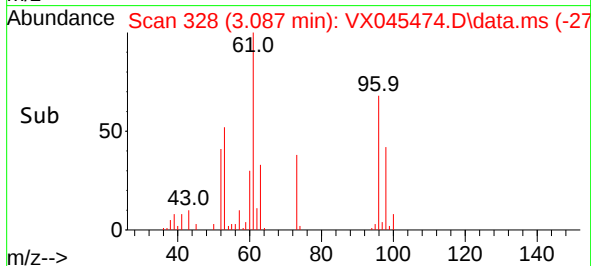
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 96 Resp: 1963
Ion Ratio Lower Upper
96 100
61 146.4 117.0 175.4
98 61.2 53.4 80.2

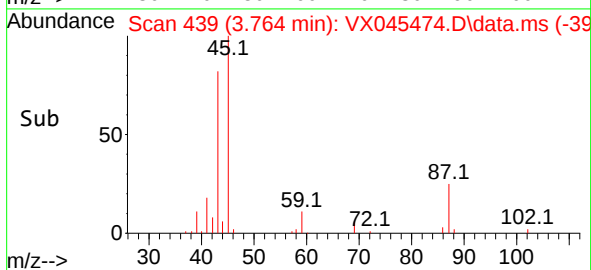
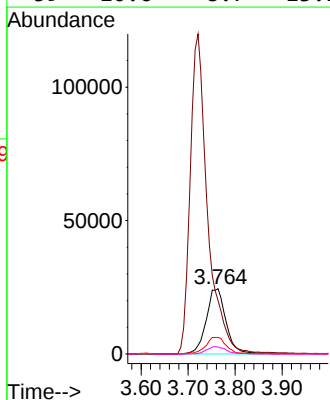
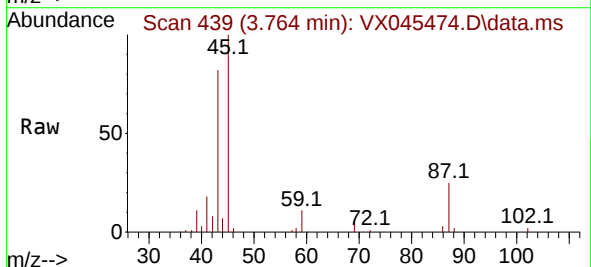
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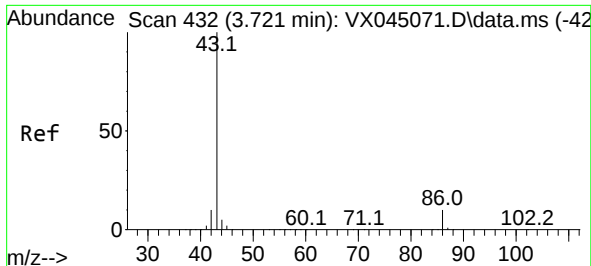
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 18.246 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

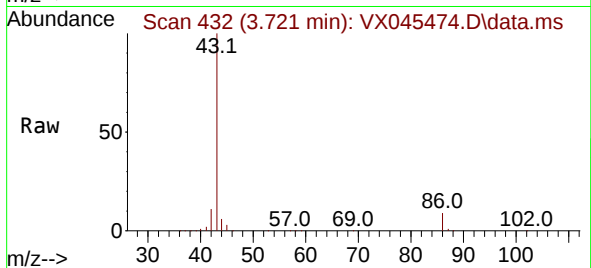
Tgt Ion: 45 Resp: 71412
Ion Ratio Lower Upper
45 100
43 81.1 54.9 82.3
87 25.2 21.0 31.4
59 10.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 94.931 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045474.D
 Acq: 27 Mar 2025 14:03

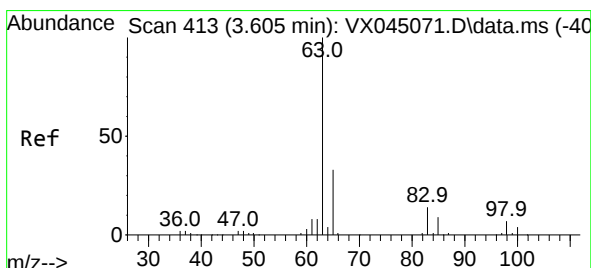
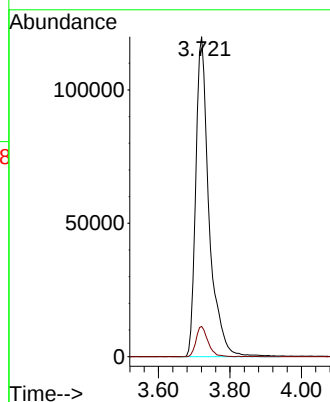
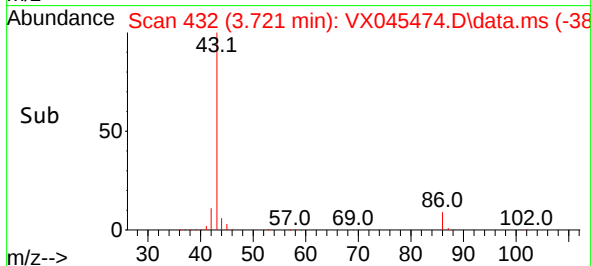
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01



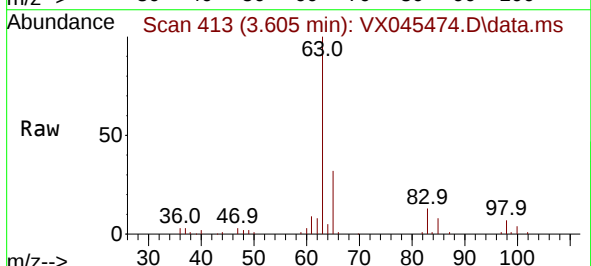
Tgt Ion: 43 Resp: 31006
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

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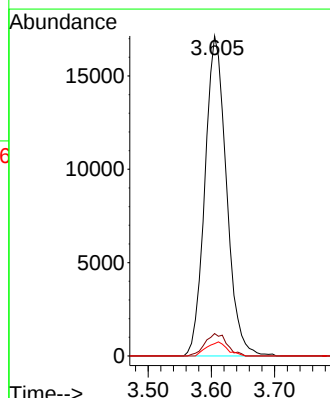
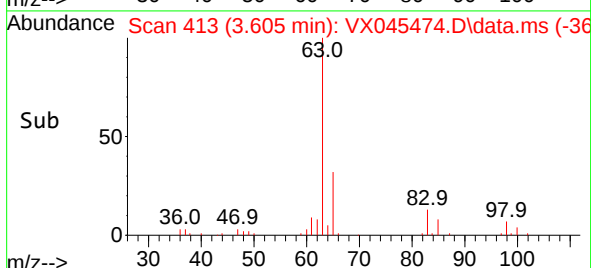
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

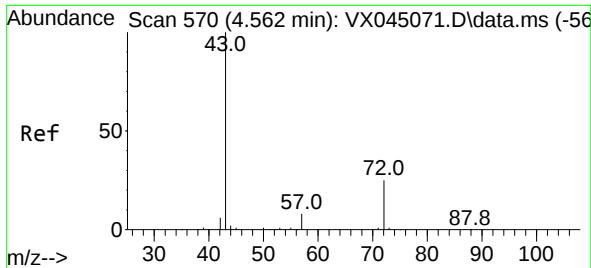


#24
 1,1-Dichloroethane
 Concen: 18.535 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045474.D
 Acq: 27 Mar 2025 14:03



Tgt Ion: 63 Resp: 40657
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 3.8 2.1 6.5





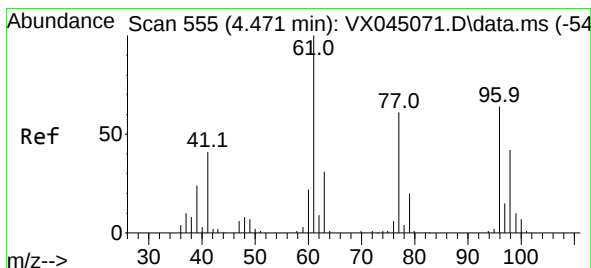
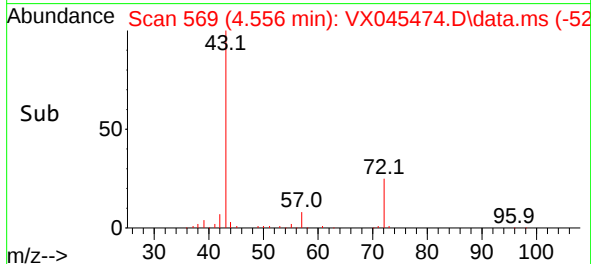
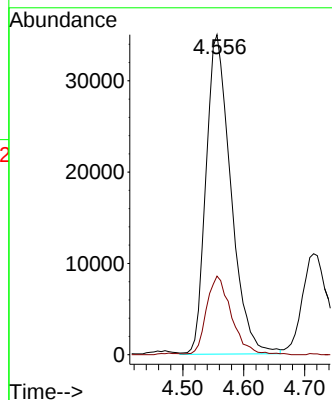
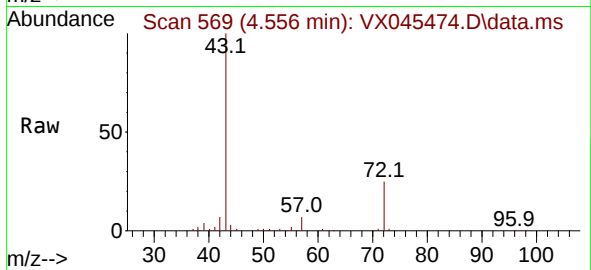
#25
2-Butanone
Concen: 101.251 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 43 Resp: 98964
Ion Ratio Lower Upper
43 100
72 24.4 20.0 30.0

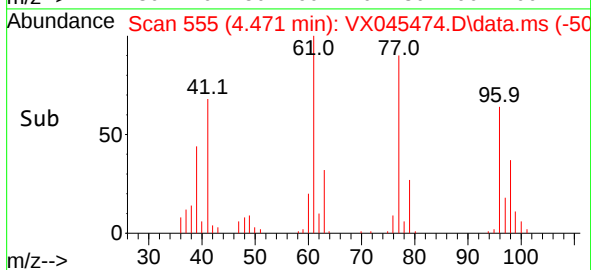
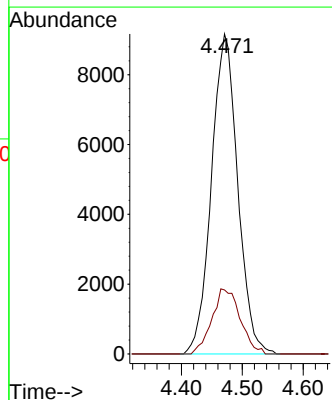
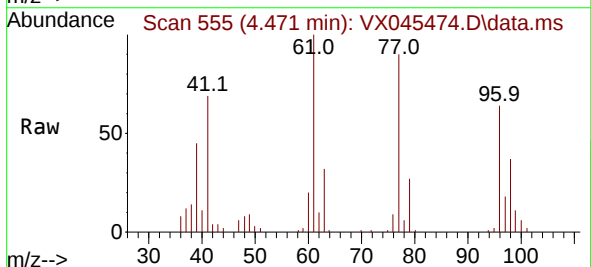
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#26
2,2-Dichloropropane
Concen: 26.721 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion: 77 Resp: 27492
Ion Ratio Lower Upper
77 100
97 21.9 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 18.098 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tgt Ion: 96 Resp: 2386

Ion Ratio Lower Upper

96 100

61 154.9 0.0 283.2

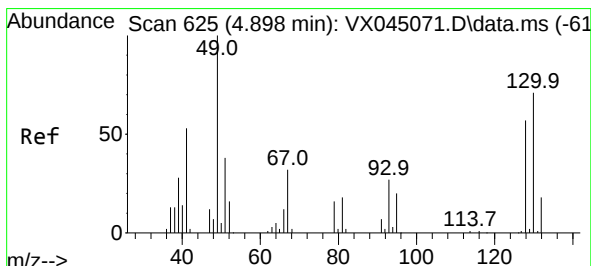
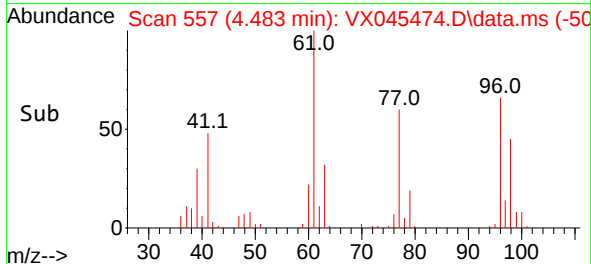
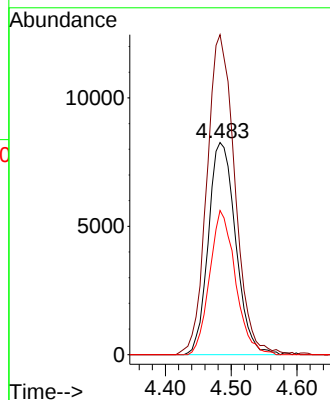
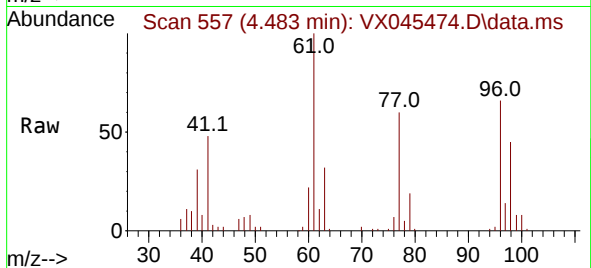
98 64.2 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#28

Bromochloromethane

Concen: 22.555 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

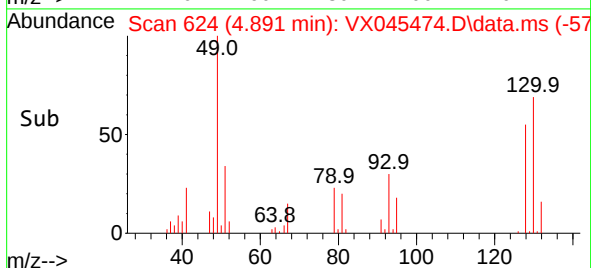
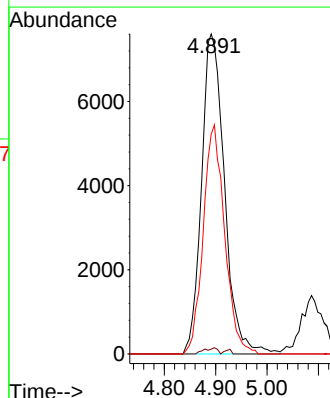
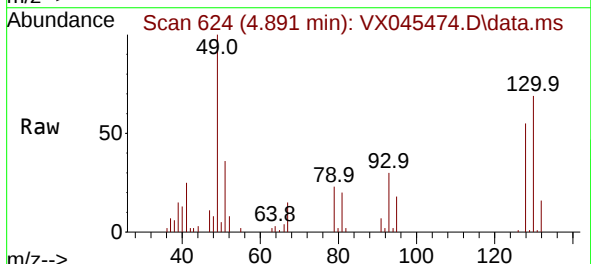
Tgt Ion: 49 Resp: 23582

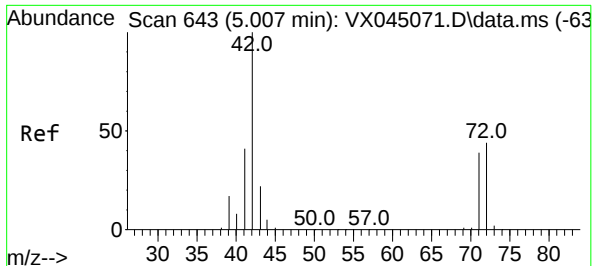
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.4

130 66.8 56.1 84.1





#29

Tetrahydrofuran

Concen: 87.717 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tgt Ion: 42 Resp: 57570

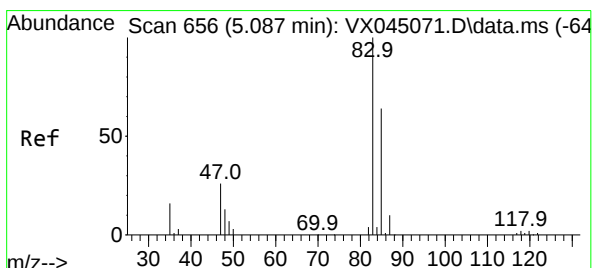
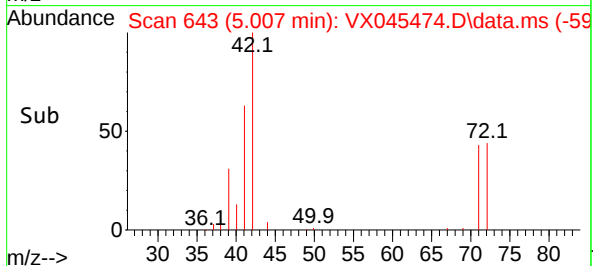
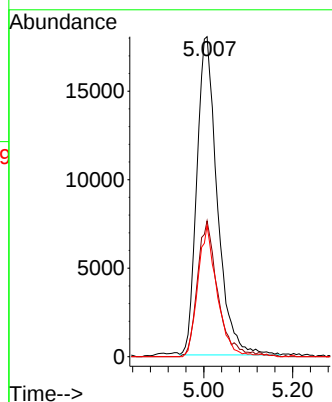
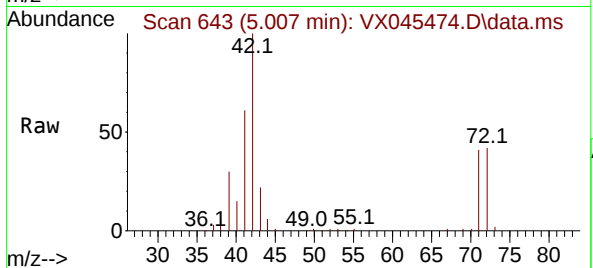
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.1	51.1
71	38.7	31.4	47.0

Manual Integrations

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Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 19.505 ug/l

RT: 5.086 min Scan# 656

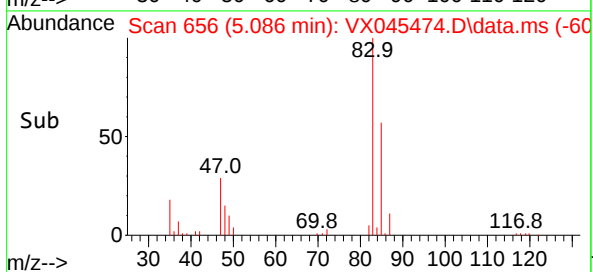
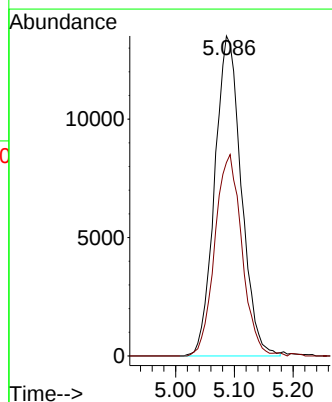
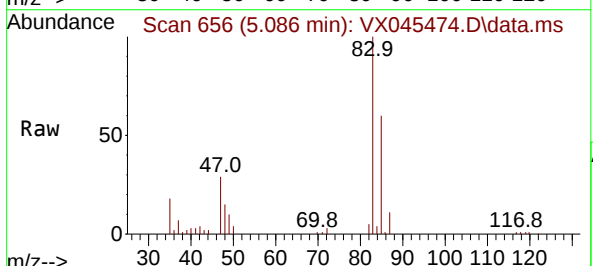
Delta R.T. -0.000 min

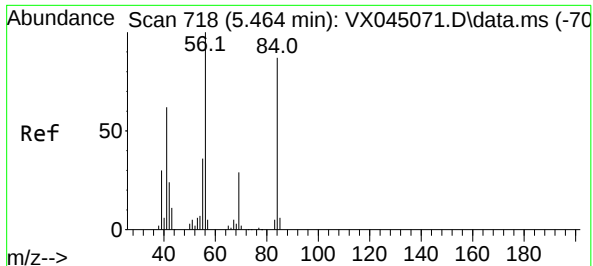
Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Tgt Ion: 83 Resp: 42512

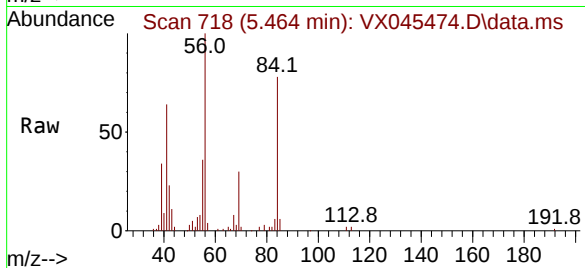
Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.4	77.2





#31
Cyclohexane
Concen: 18.629 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

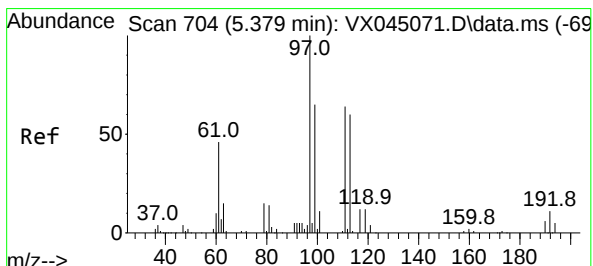
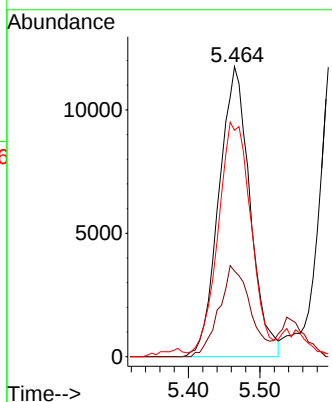
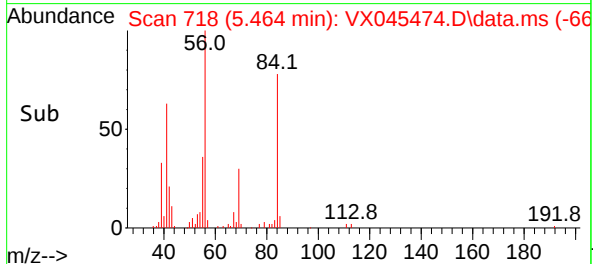
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



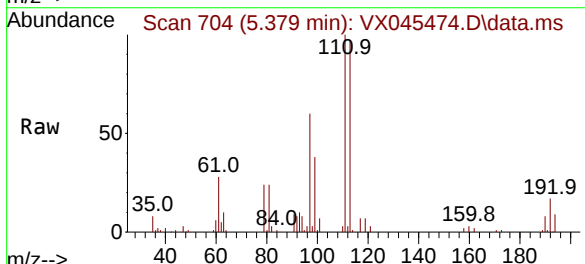
Tgt Ion: 56 Resp: 35472
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 75.2 69.4 104.2

Manual Integrations
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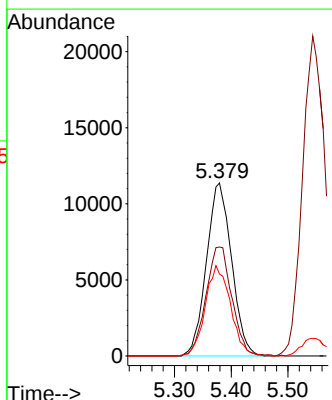
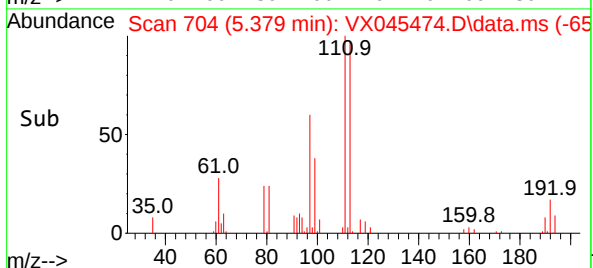
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 19.924 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03



Tgt Ion: 97 Resp: 35072
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 52.3 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 54.067 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tgt Ion: 65 Resp: 7566

Ion Ratio Lower Upper

65 100

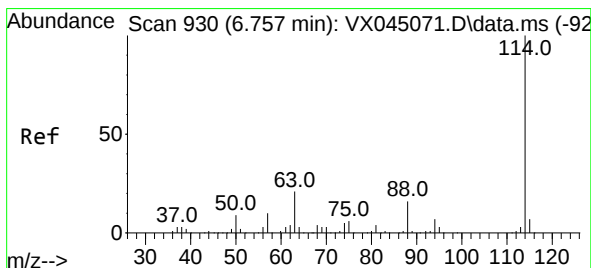
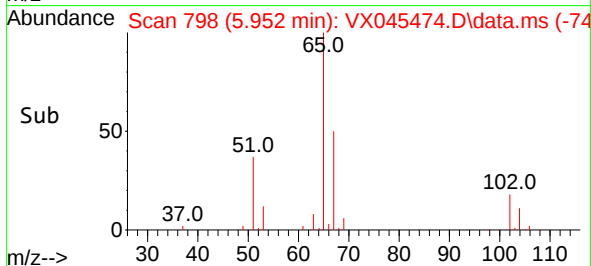
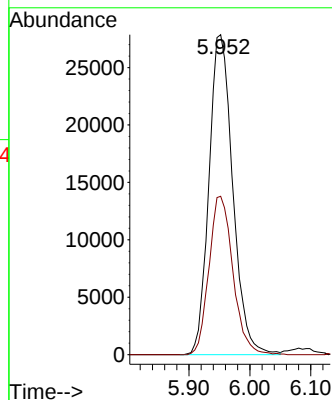
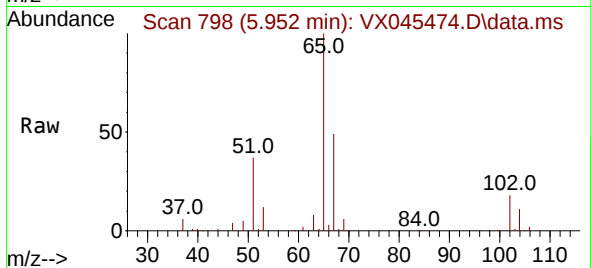
67 49.8 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

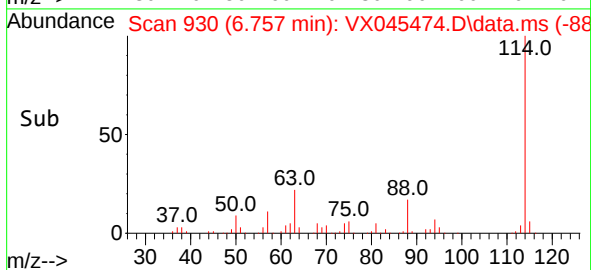
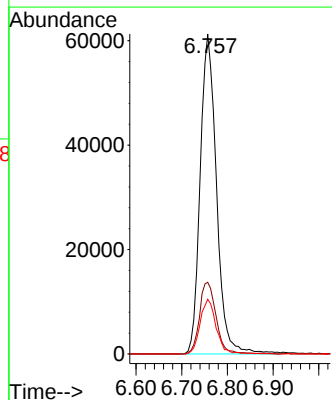
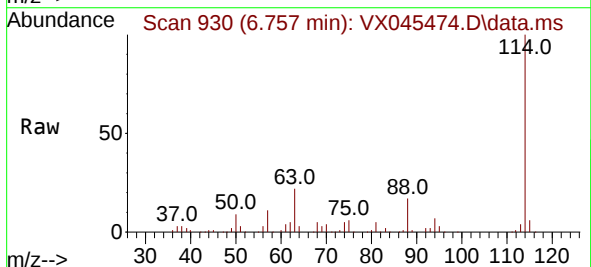
Tgt Ion:114 Resp: 151660

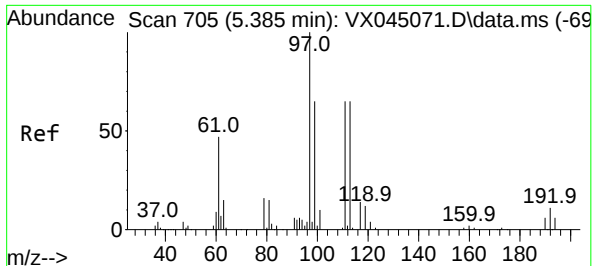
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

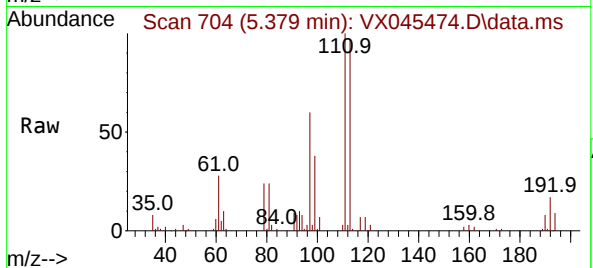
88 17.1 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.232 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

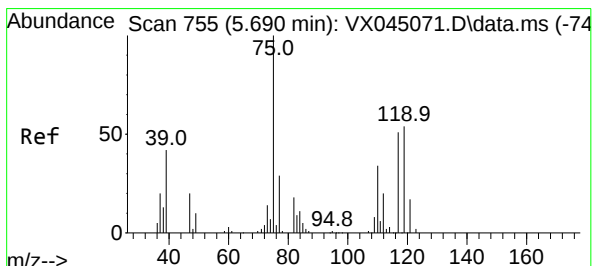
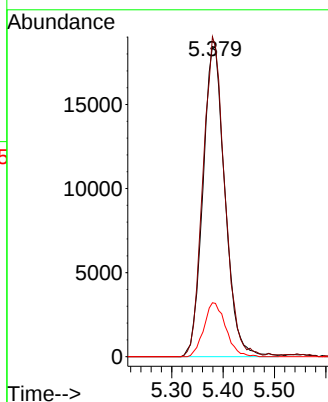
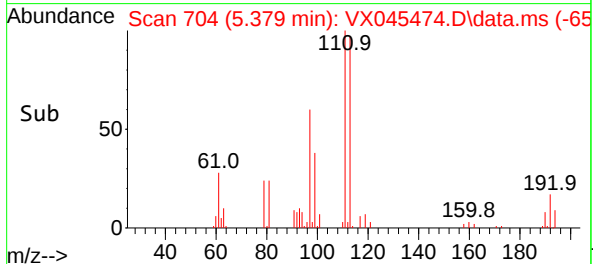
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 113 Resp: 5499
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 17.2 14.3 21.5

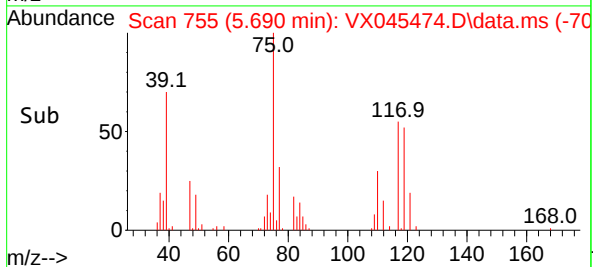
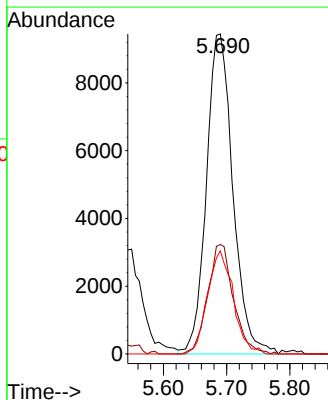
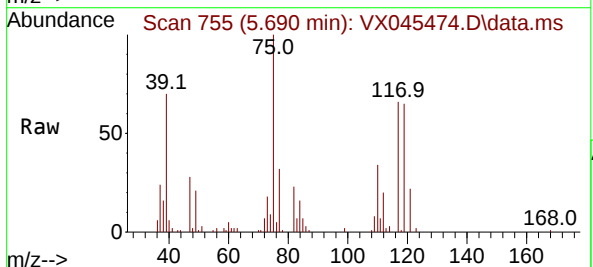
Manual Integrations
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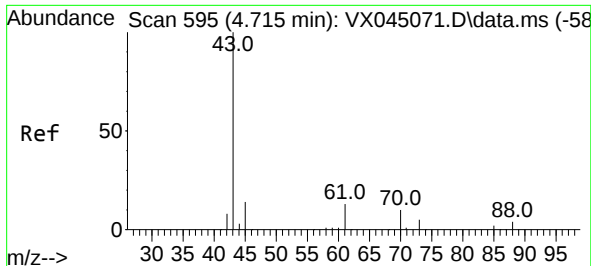
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#36
1,1-Dichloropropene
Concen: 19.772 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

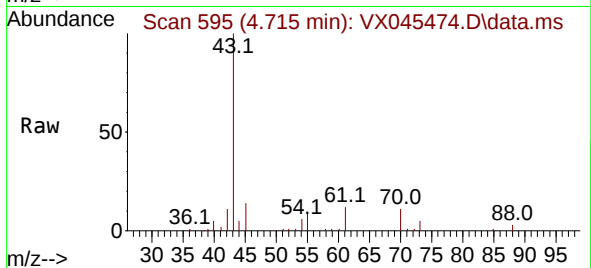
Tgt Ion: 75 Resp: 27498
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.6
77 31.1 24.5 36.7





#37
Ethyl Acetate
Concen: 18.830 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

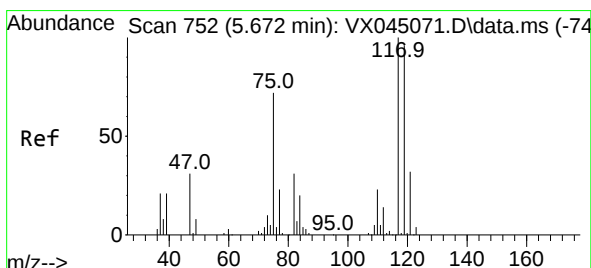
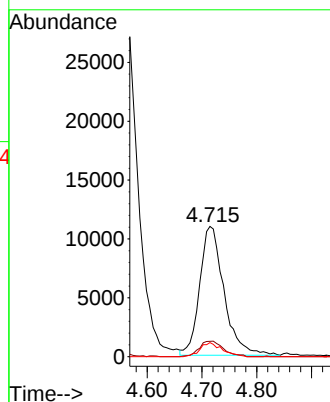
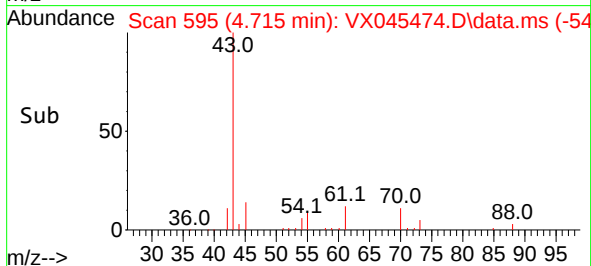
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 43 Resp: 33744
Ion Ratio Lower Upper
43 100
61 12.1 10.8 16.2
70 9.8 7.7 11.5

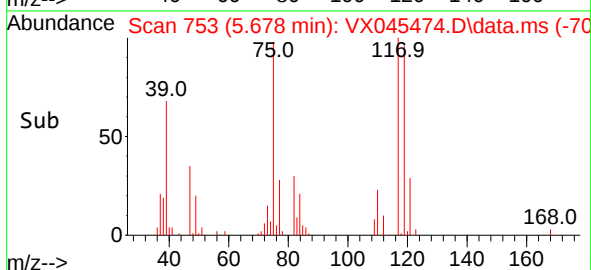
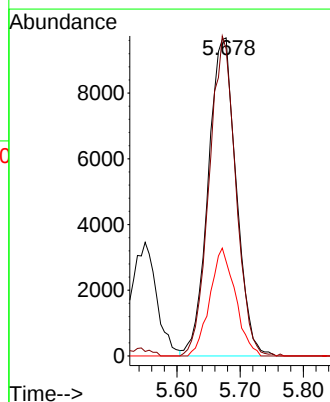
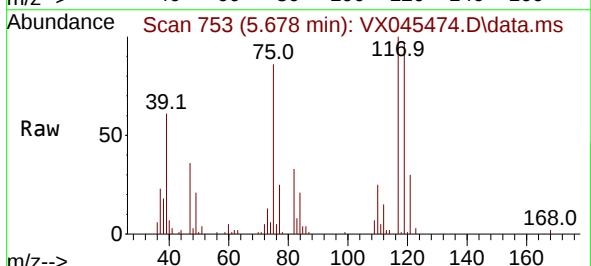
Manual Integrations
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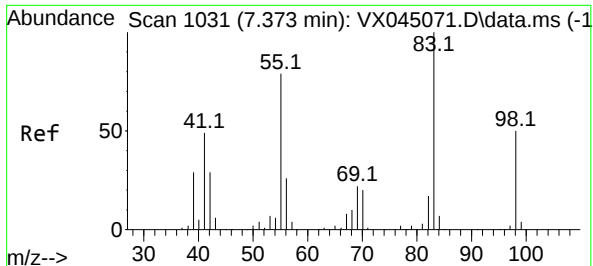
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#38
Carbon Tetrachloride
Concen: 21.048 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

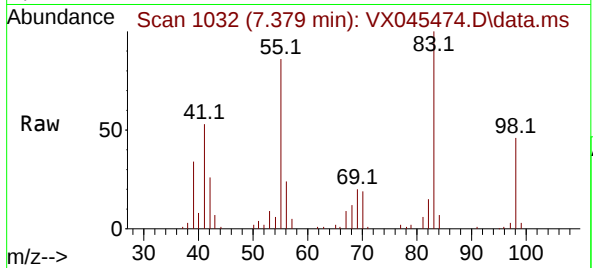
Tgt Ion:117 Resp: 29718
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1
121 29.7 25.5 38.3





#39
Methylcyclohexane
Concen: 20.996 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

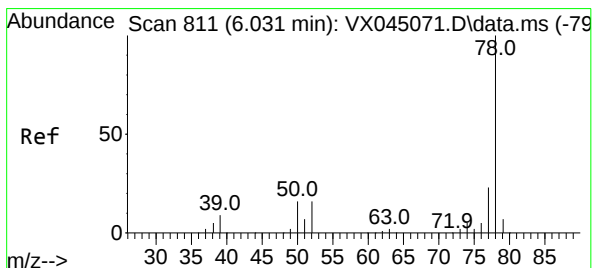
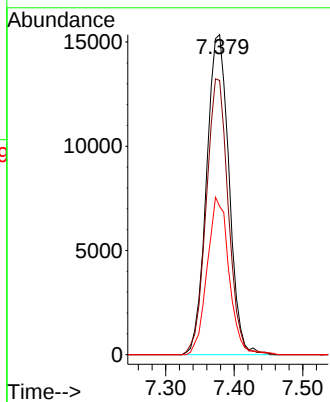
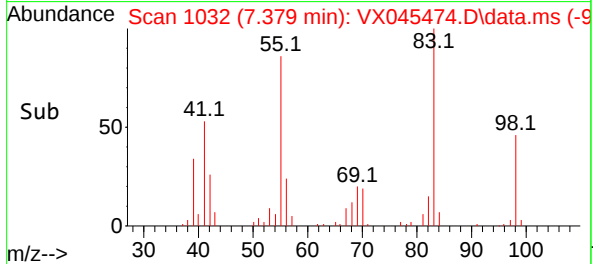
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 83 Resp: 3498
Ion Ratio Lower Upper
83 100
55 85.7 63.0 94.4
98 46.3 39.7 59.5

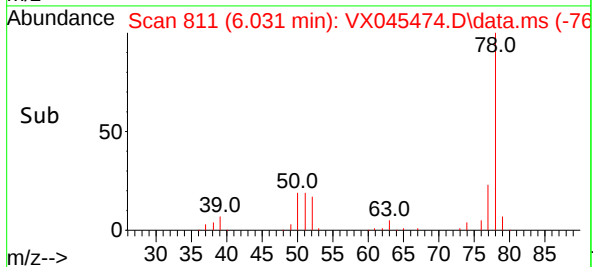
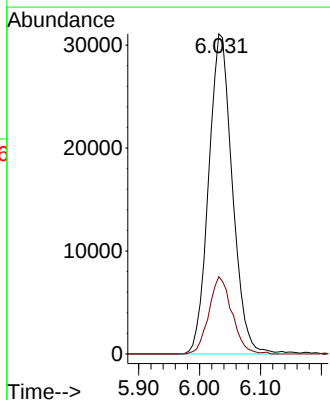
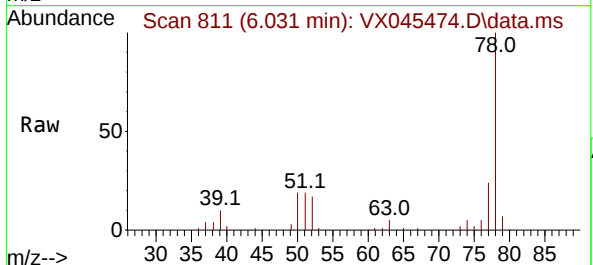
Manual Integrations
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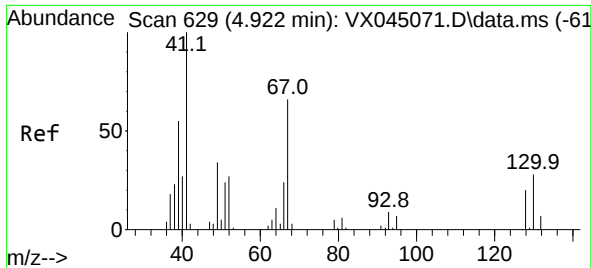
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#40
Benzene
Concen: 19.127 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

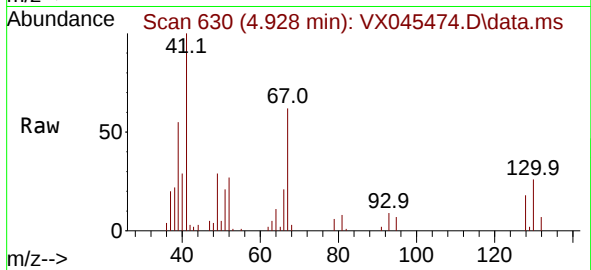
Tgt Ion: 78 Resp: 84000
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41
Methacrylonitrile
Concen: 19.139 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

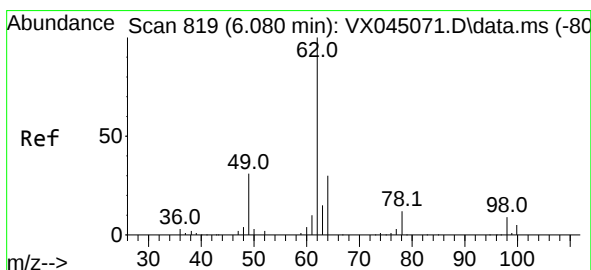
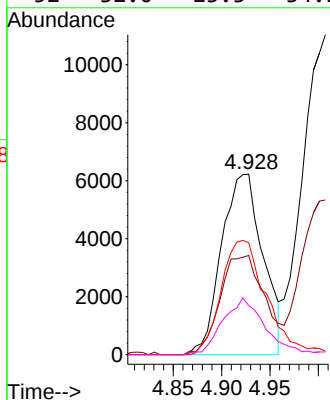
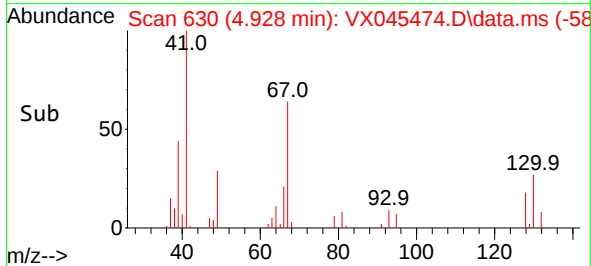
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 41 Resp: 18540
Ion Ratio Lower Upper
41 100
39 60.1 44.6 67.0
67 69.7 53.9 80.9
52 32.0 23.3 34.9

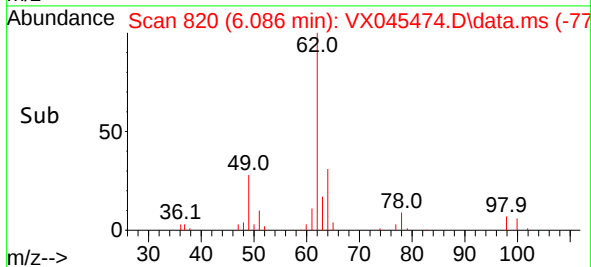
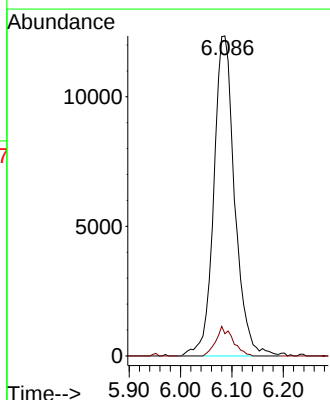
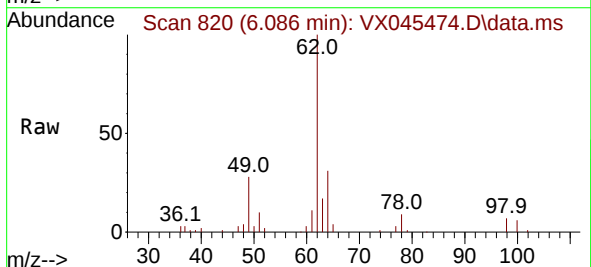
Manual Integrations
APPROVED

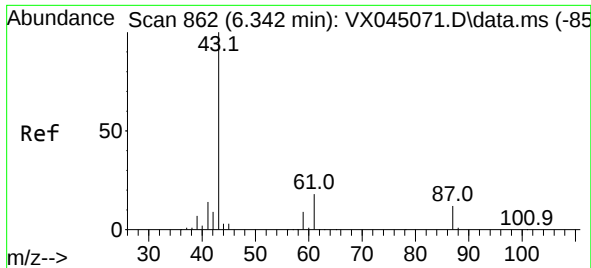
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 22.104 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

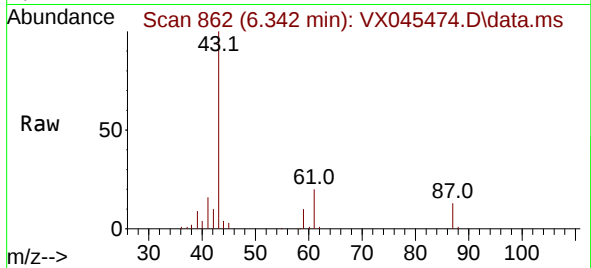
Tgt Ion: 62 Resp: 34957
Ion Ratio Lower Upper
62 100
98 7.5 0.0 18.2





#43
Isopropyl Acetate
Concen: 19.502 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

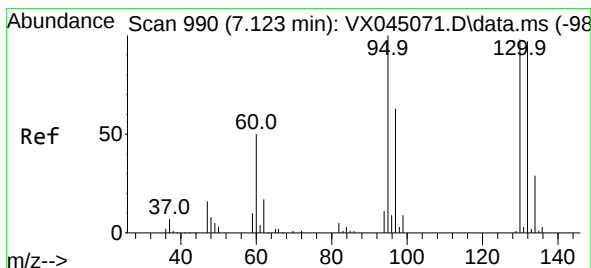
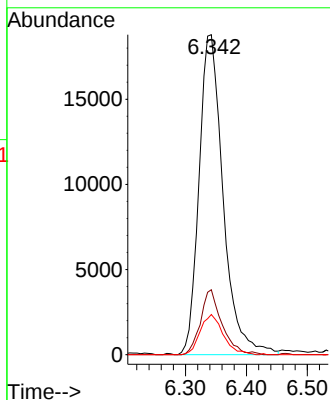
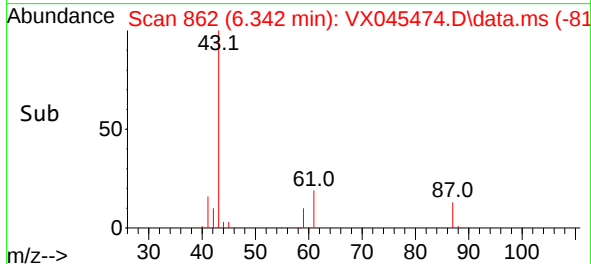
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 43 Resp: 51679
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
87 12.0 9.4 14.2

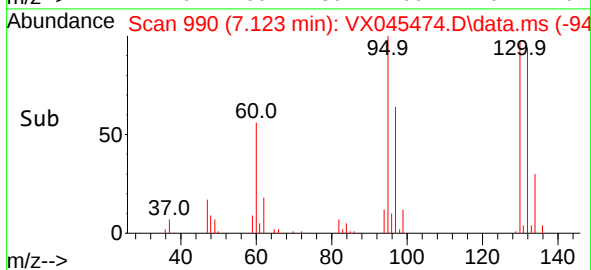
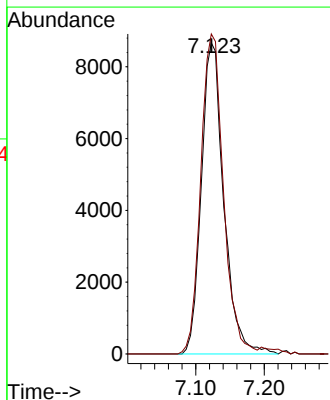
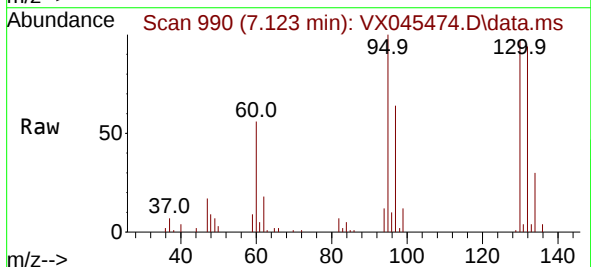
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44
Trichloroethene
Concen: 19.107 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion:130 Resp: 19703
Ion Ratio Lower Upper
130 100
95 102.8 0.0 205.0





#45

1,2-Dichloropropane

Concen: 18.731 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tgt Ion: 63 Resp: 21150

Ion Ratio Lower Upper

63 100

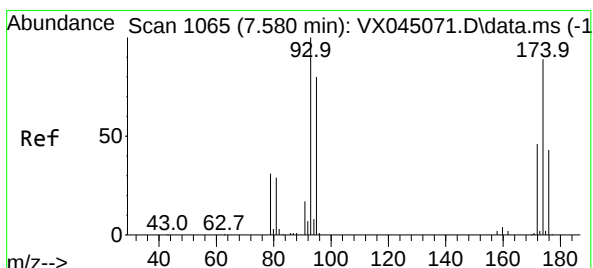
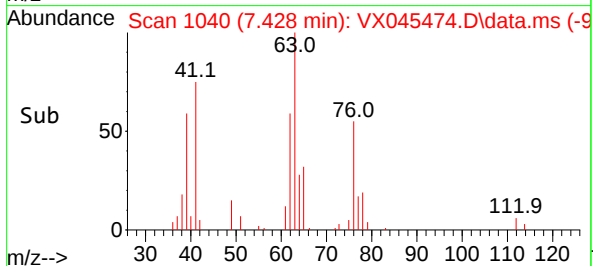
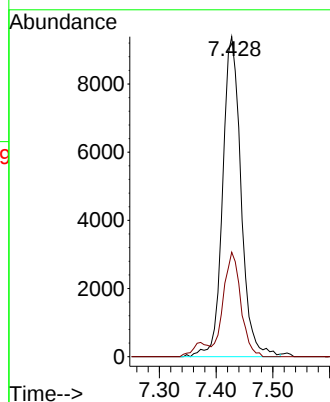
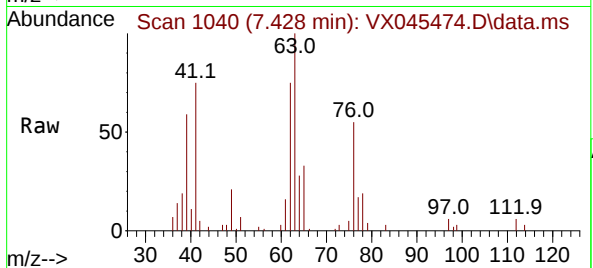
65 32.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 20.171 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

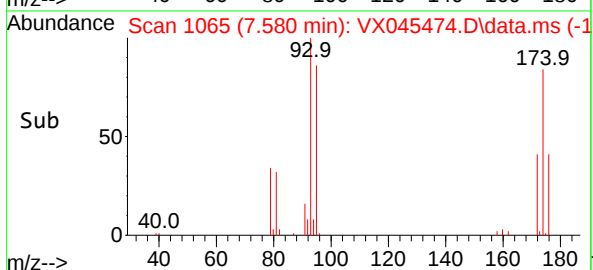
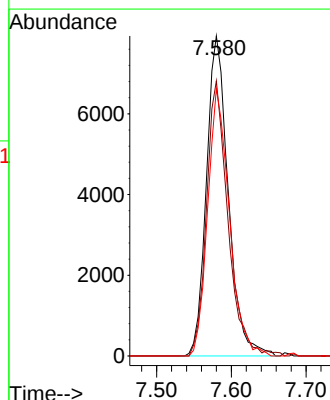
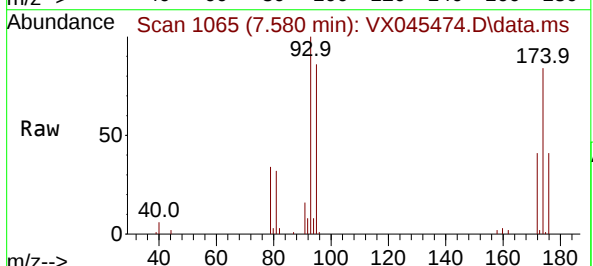
Tgt Ion: 93 Resp: 16098

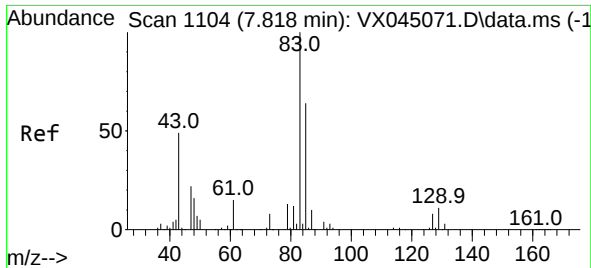
Ion Ratio Lower Upper

93 100

95 84.1 65.8 98.8

174 82.9 72.2 108.2





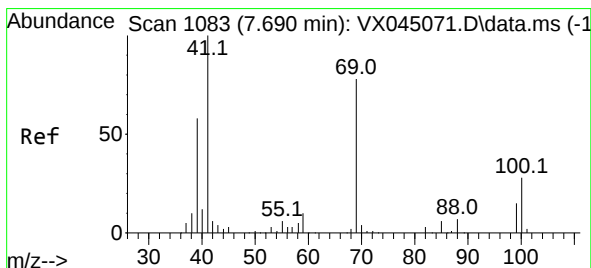
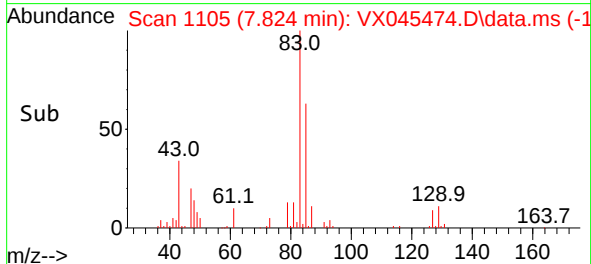
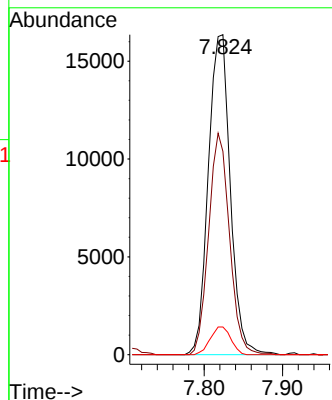
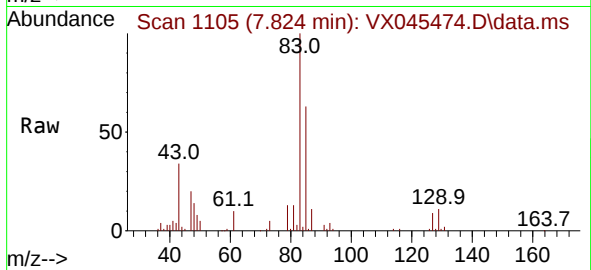
#47
Bromodichloromethane
Concen: 20.350 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 83 Resp: 31850
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 8.6 6.4 9.6

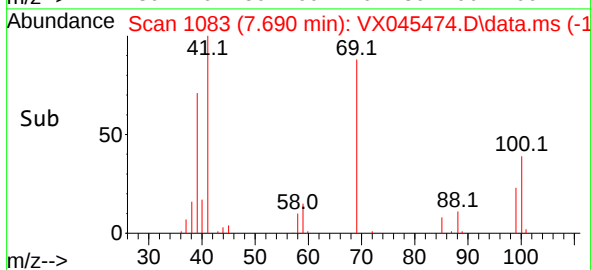
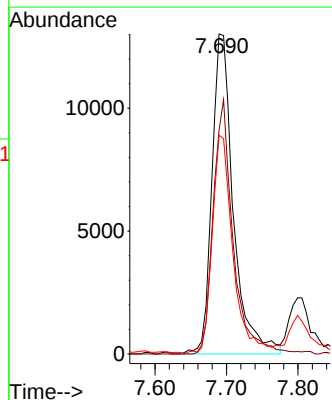
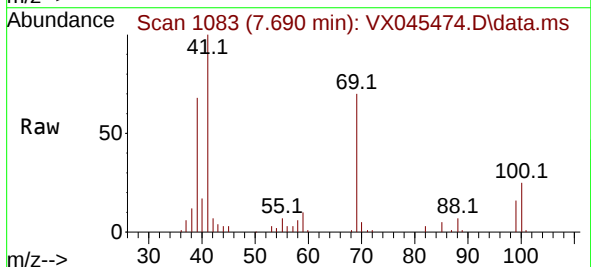
Manual Integrations
APPROVED

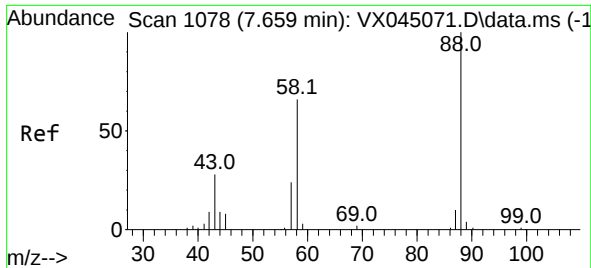
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 20.392 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

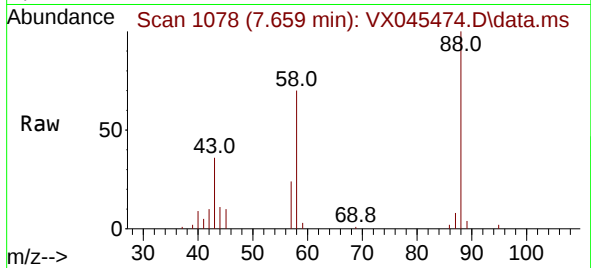
Tgt Ion: 41 Resp: 27111
Ion Ratio Lower Upper
41 100
69 73.6 63.0 94.6
39 66.3 47.5 71.3





#49
1,4-Dioxane
Concen: 341.290 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

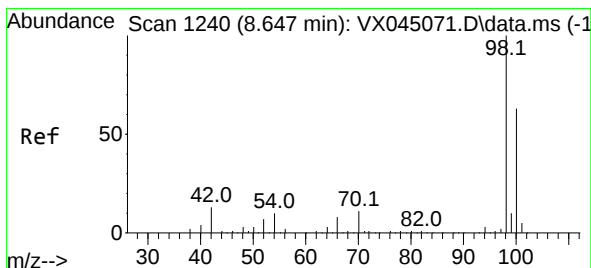
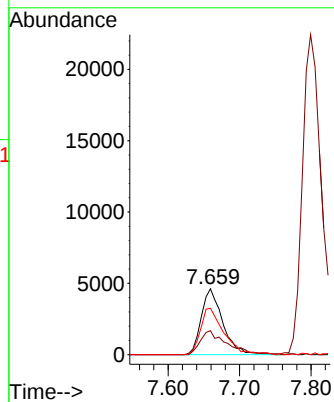
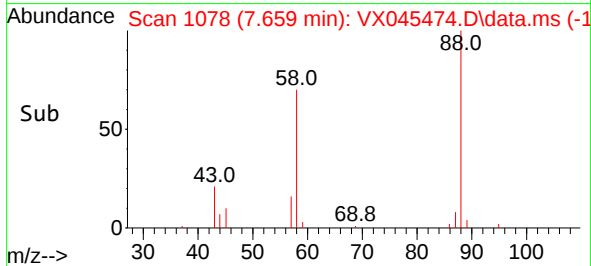
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 88 Resp: 957
Ion Ratio Lower Upper
88 100
43 45.7 28.7 43.1
58 76.7 55.8 83.8

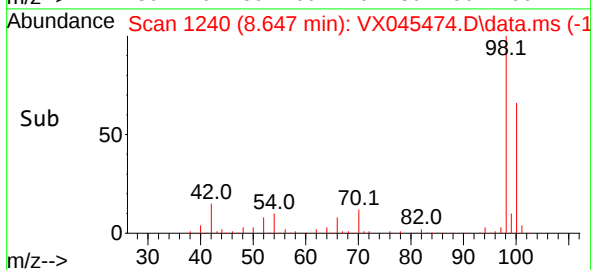
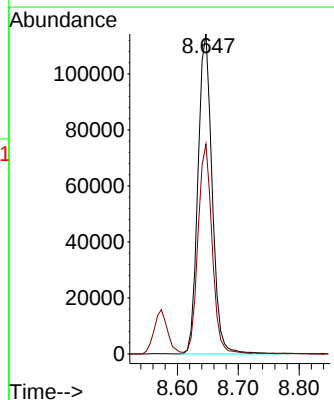
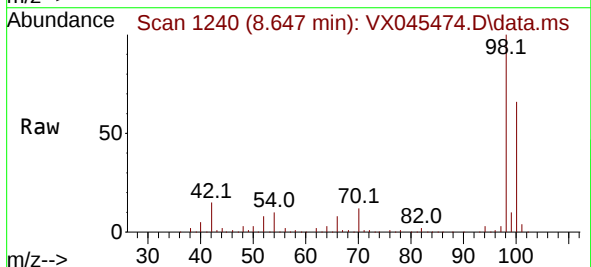
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50
Toluene-d8
Concen: 50.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion: 98 Resp: 184785
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





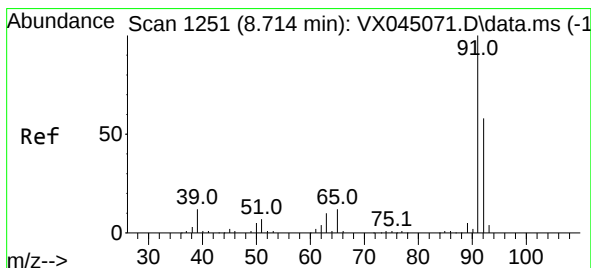
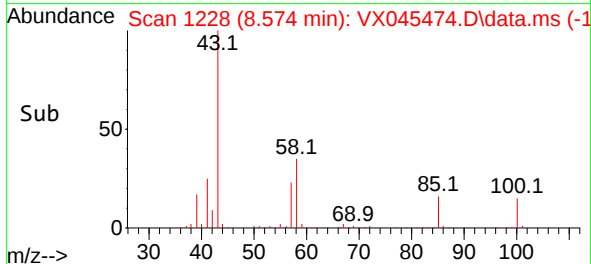
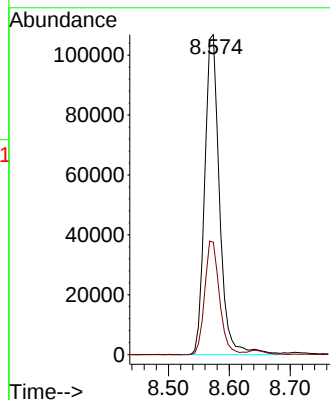
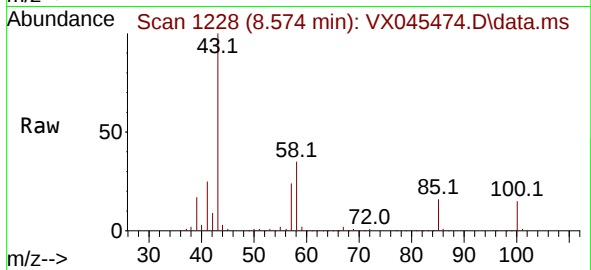
#51
4-Methyl-2-Pentanone
Concen: 101.878 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 43 Resp: 181272
Ion Ratio Lower Upper
43 100
58 35.5 29.2 43.8

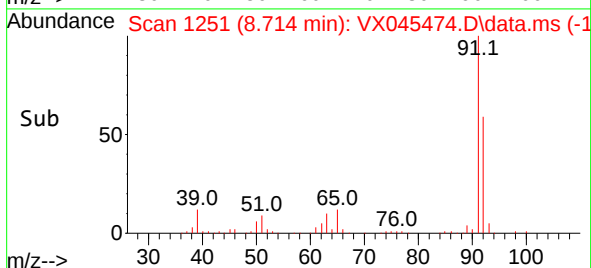
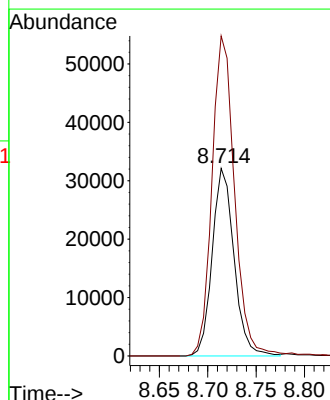
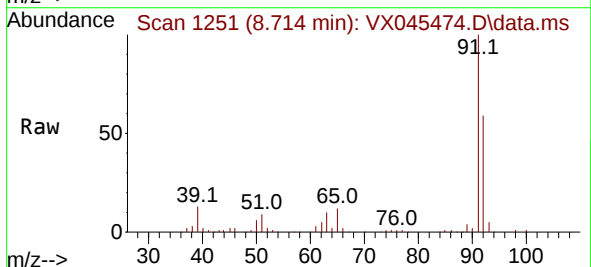
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 19.589 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion: 92 Resp: 50475
Ion Ratio Lower Upper
92 100
91 177.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 20.424 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tgt Ion: 75 Resp: 26729

Ion Ratio Lower Upper

75 100

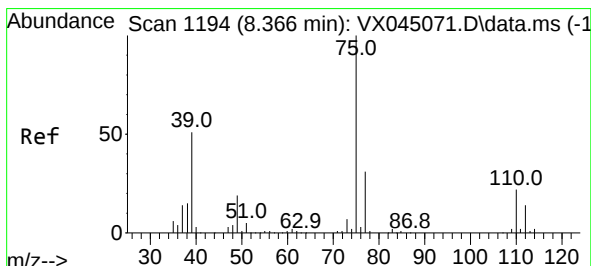
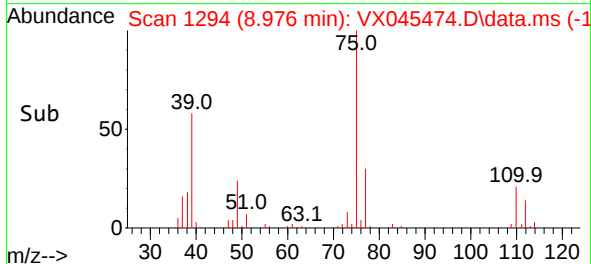
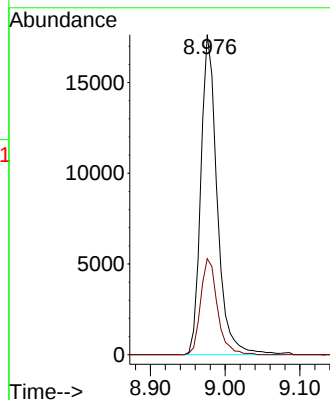
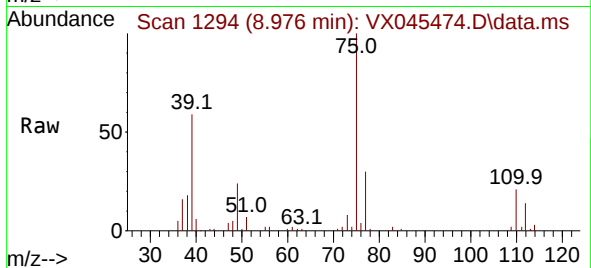
77 30.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#54

cis-1,3-Dichloropropene

Concen: 20.123 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

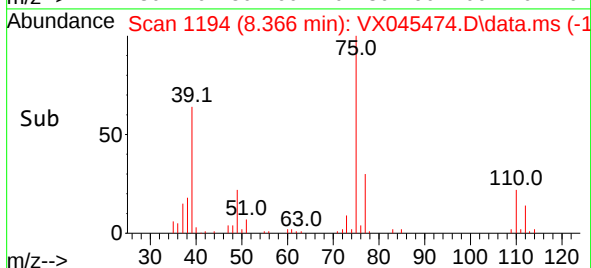
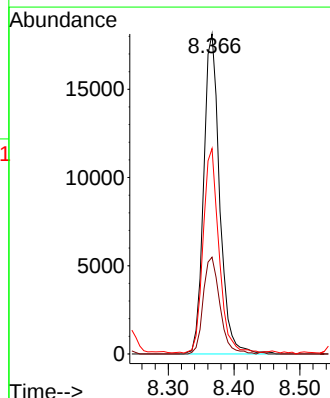
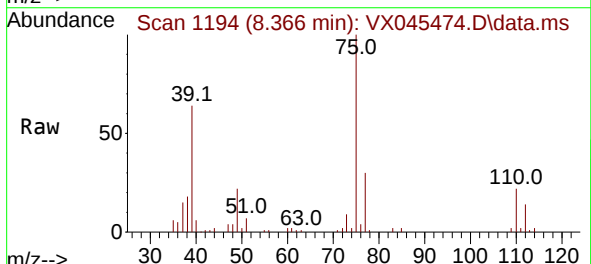
Tgt Ion: 75 Resp: 30709

Ion Ratio Lower Upper

75 100

77 30.2 24.7 37.1

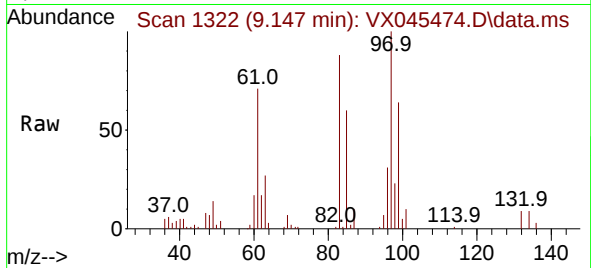
39 63.9 40.7 61.1#





#55
1,1,2-Trichloroethane
Concen: 19.736 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

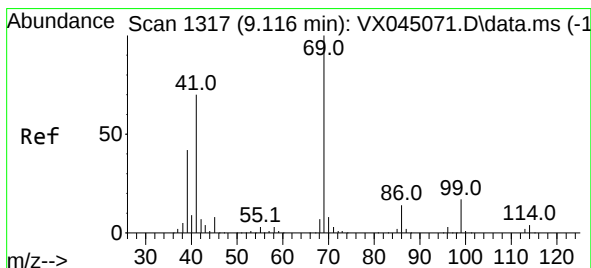
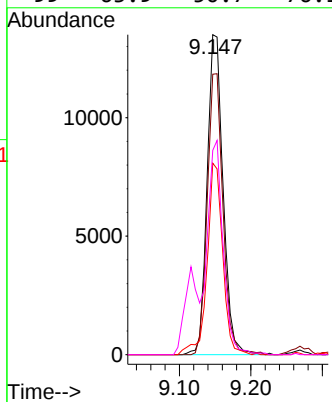
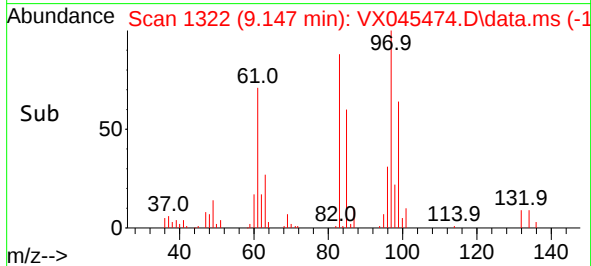
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



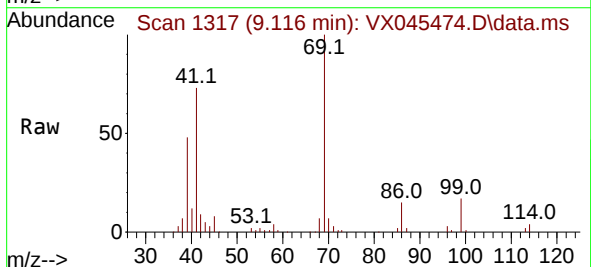
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.4	104.2
85	59.9	44.1	66.1
99	63.9	50.7	76.1

Manual Integrations
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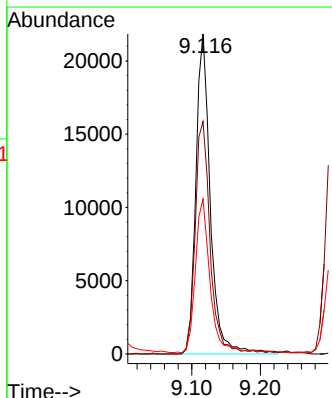
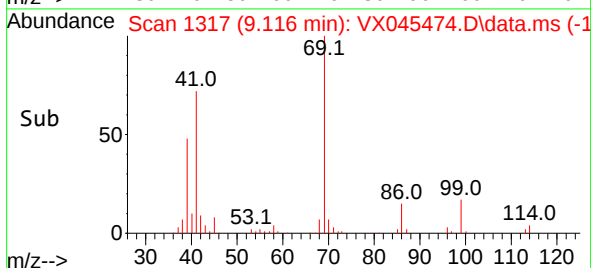
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

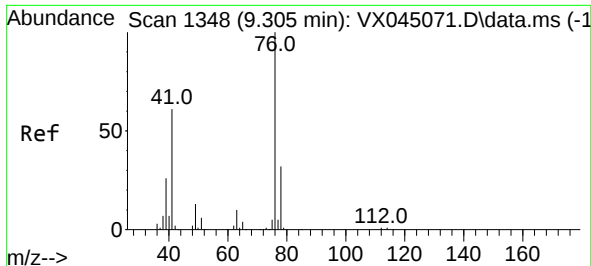


#56
Ethyl methacrylate
Concen: 19.948 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03



Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.9	57.0	85.4
39	47.9	34.2	51.4





#57

1,3-Dichloropropane

Concen: 19.470 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tgt Ion: 76 Resp: 3574

Ion Ratio Lower Upper

76 100

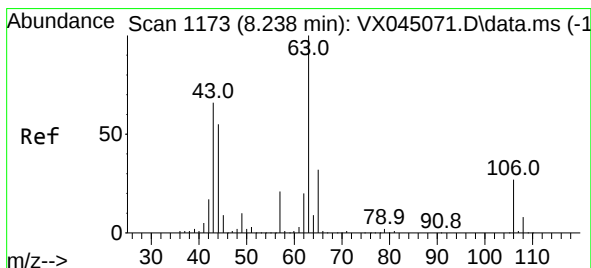
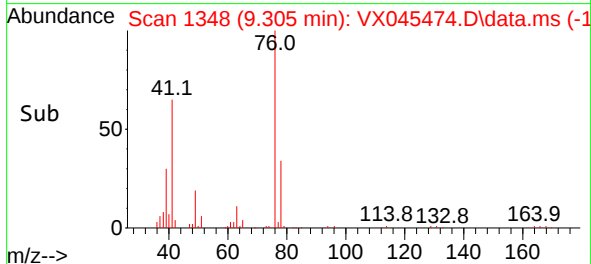
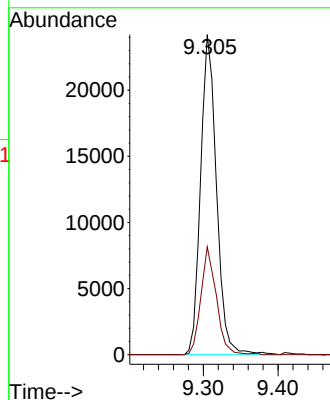
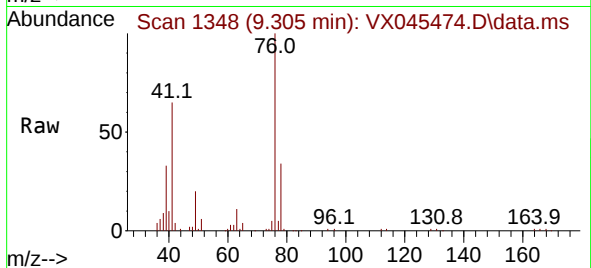
78 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 113.869 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045474.D

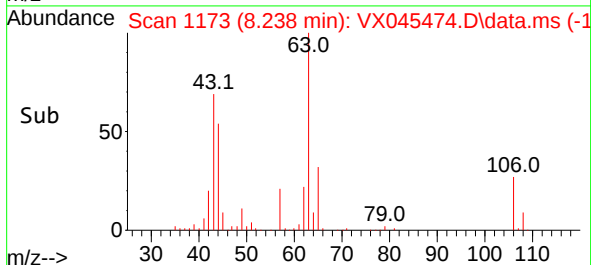
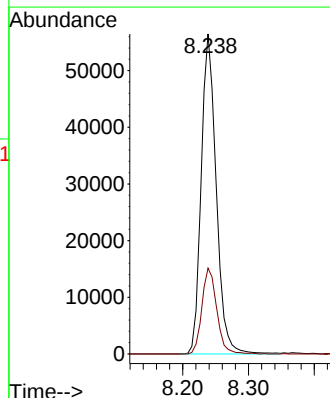
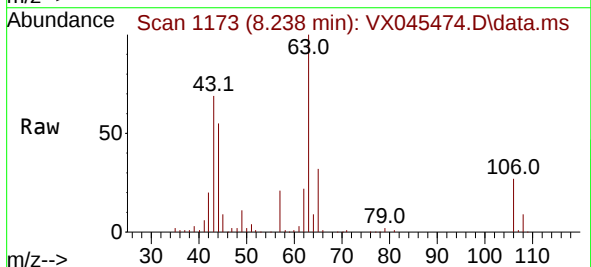
Acq: 27 Mar 2025 14:03

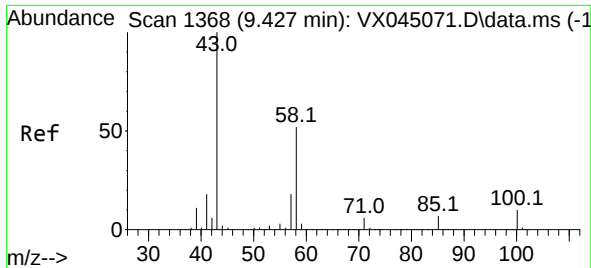
Tgt Ion: 63 Resp: 89564

Ion Ratio Lower Upper

63 100

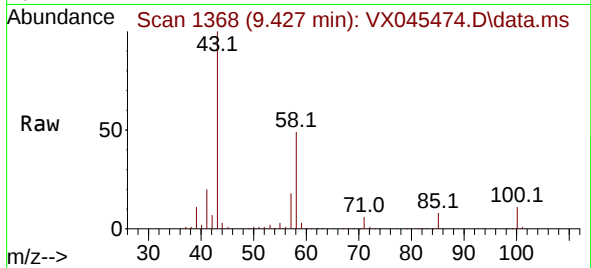
106 26.5 21.5 32.3





#59
2-Hexanone
Concen: 106.844 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

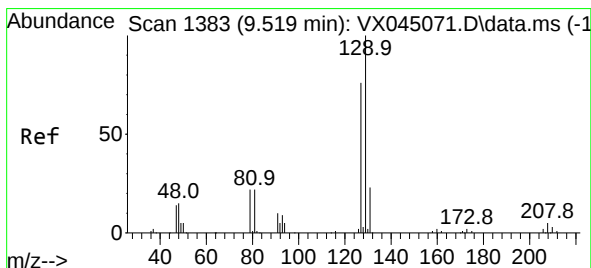
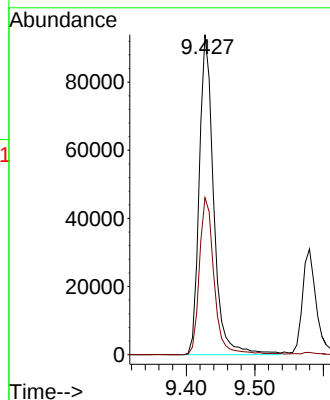
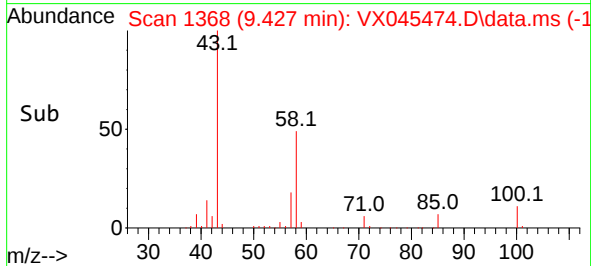
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 43 Resp: 13774
Ion Ratio Lower Upper
43 100
58 49.9 25.9 77.6

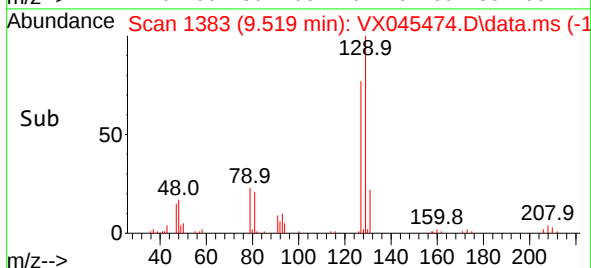
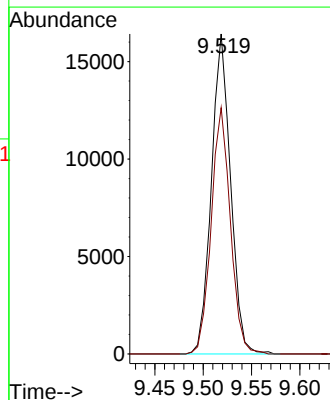
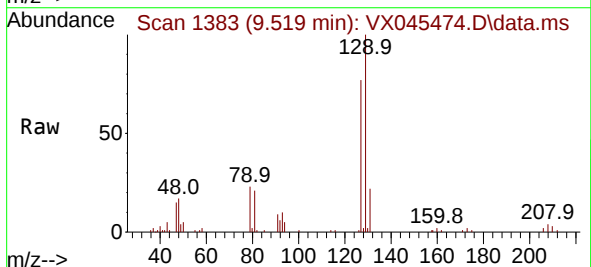
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#60
Dibromochloromethane
Concen: 20.382 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

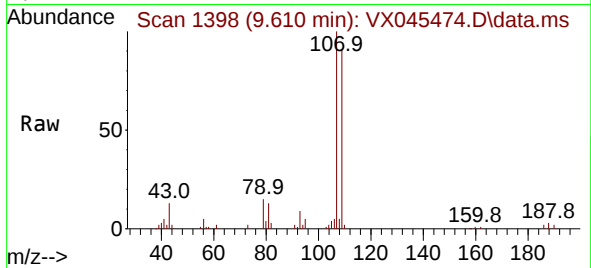
Tgt Ion:129 Resp: 22606
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.678 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

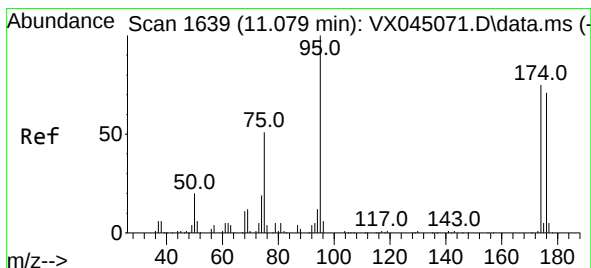
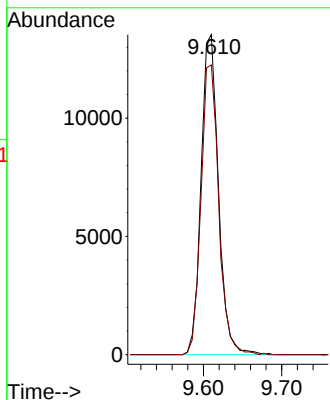
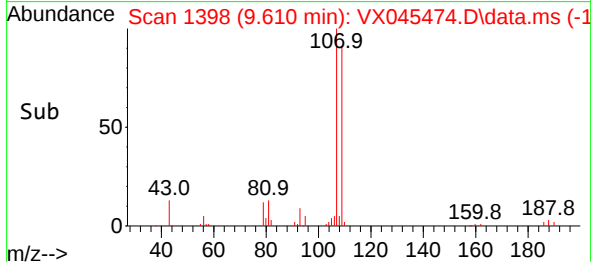
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion:107 Resp: 20838
Ion Ratio Lower Upper
107 100
109 92.3 76.1 114.1

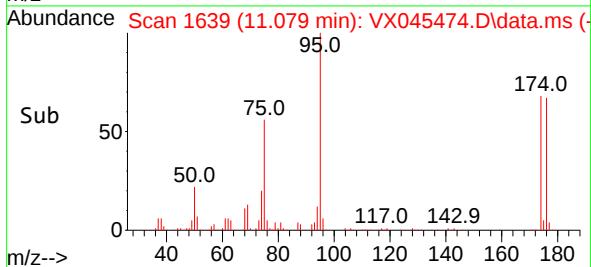
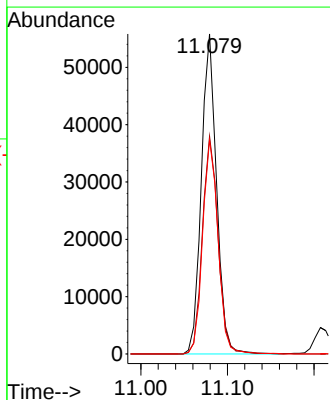
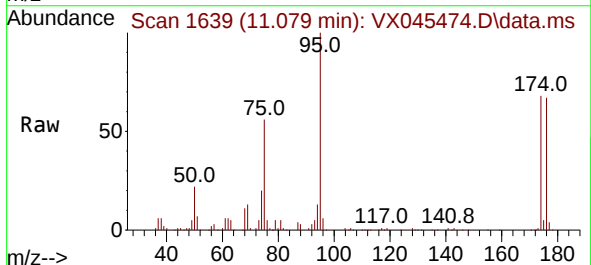
Manual Integrations
APPROVED

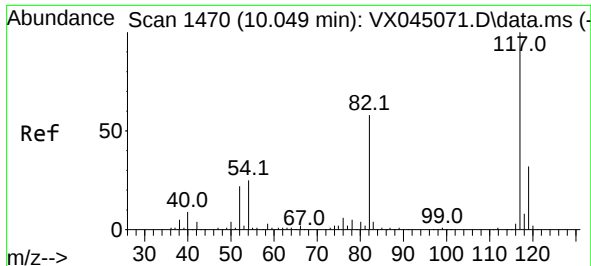
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 55.842 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

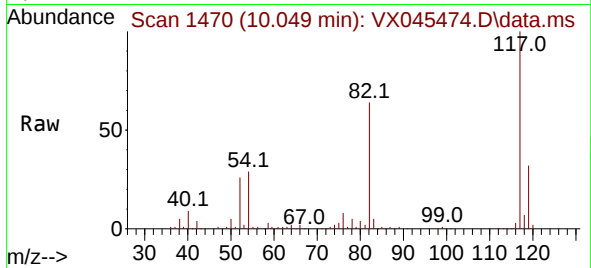
Tgt Ion: 95 Resp: 68031
Ion Ratio Lower Upper
95 100
174 70.3 0.0 148.2
176 68.0 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

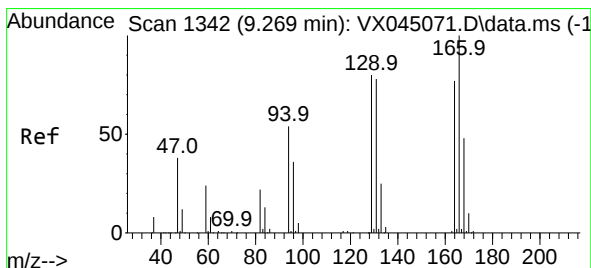
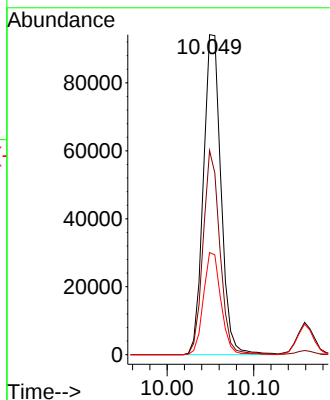
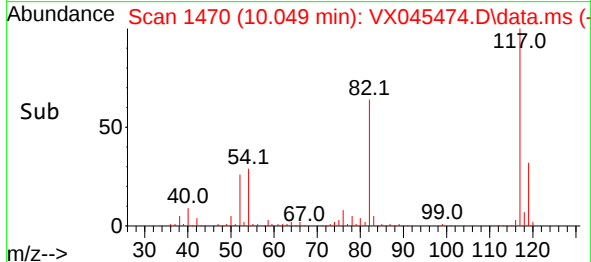
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion:117 Resp: 13340
Ion Ratio Lower Upper
117 100
82 63.8 46.3 69.5
119 31.9 25.7 38.5

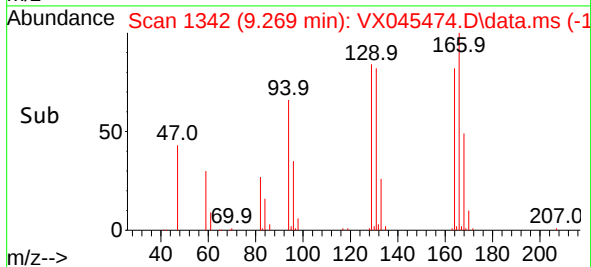
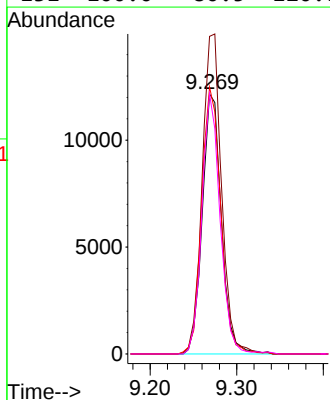
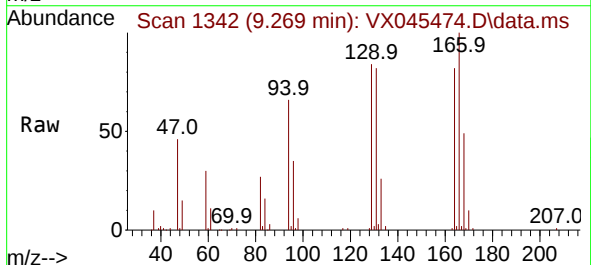
Manual Integrations
APPROVED

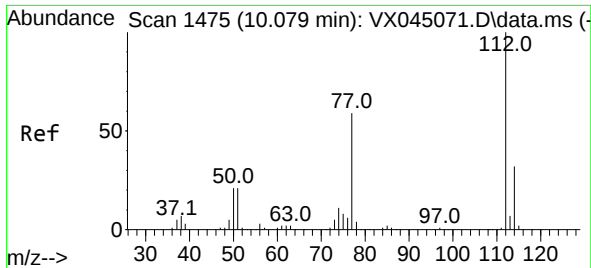
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 21.769 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion:164 Resp: 18599
Ion Ratio Lower Upper
164 100
166 122.1 103.6 155.4
129 102.6 82.7 124.1
131 100.0 80.5 120.7





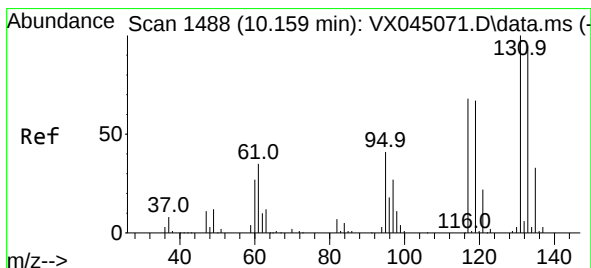
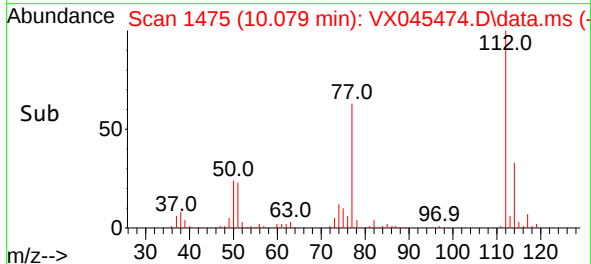
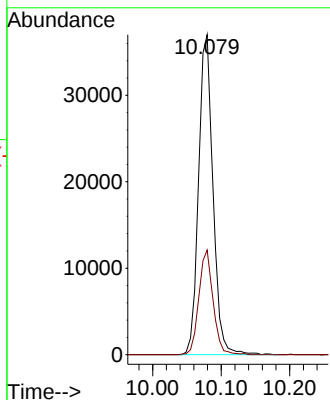
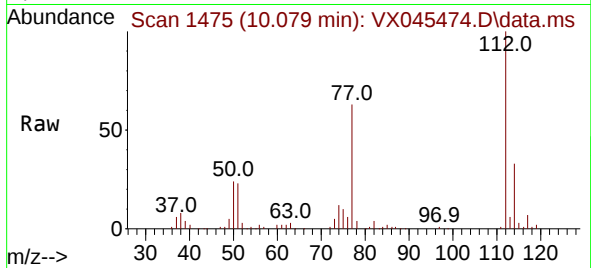
#65
Chlorobenzene
Concen: 19.201 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion:112 Resp: 5420
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

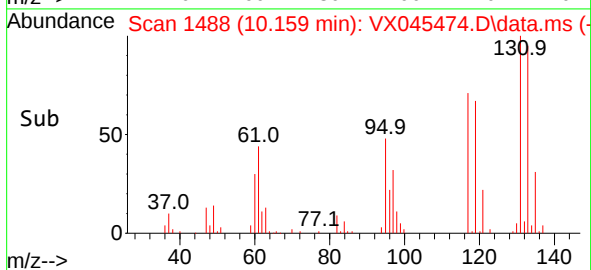
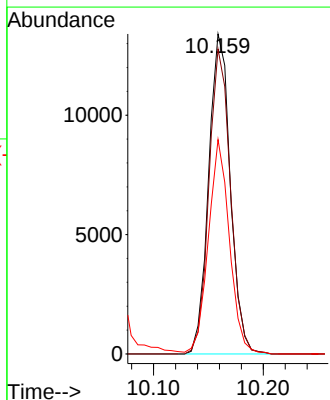
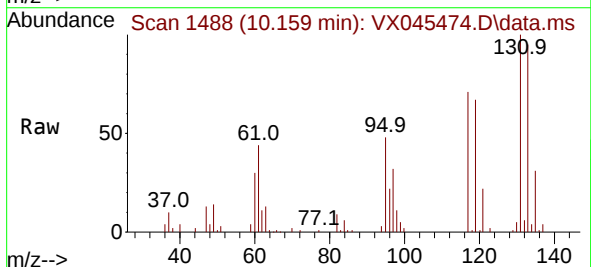
Manual Integrations
APPROVED

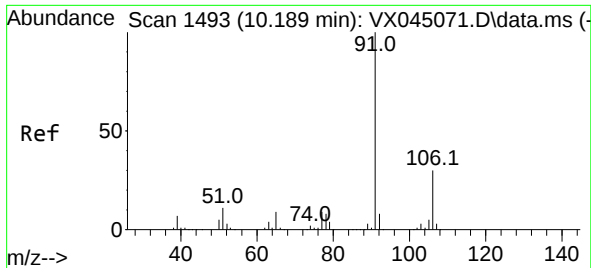
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.588 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

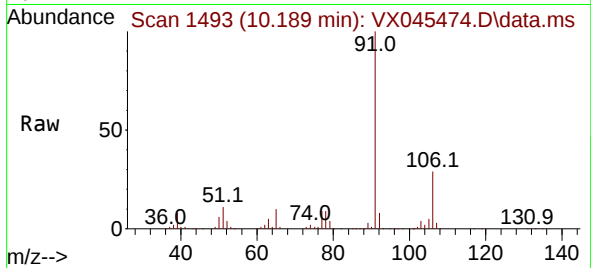
Tgt Ion:131 Resp: 18413
Ion Ratio Lower Upper
131 100
133 94.7 48.6 145.9
119 65.2 33.9 101.7





#67
Ethyl Benzene
Concen: 19.956 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

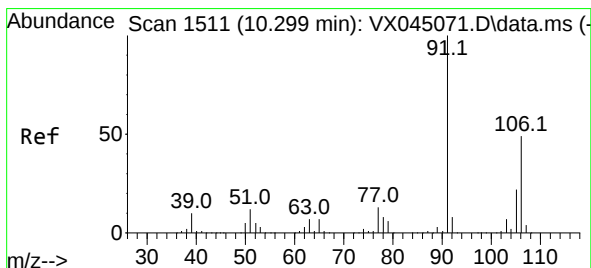
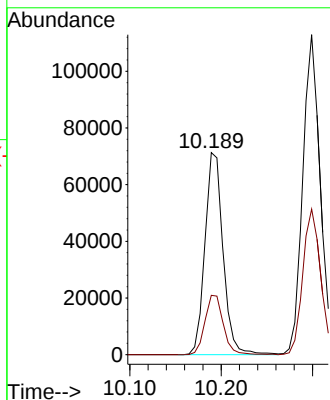
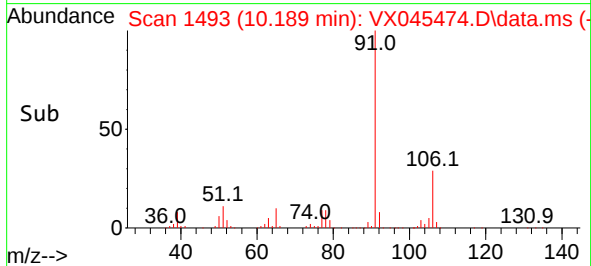
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 91 Resp: 9815
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9

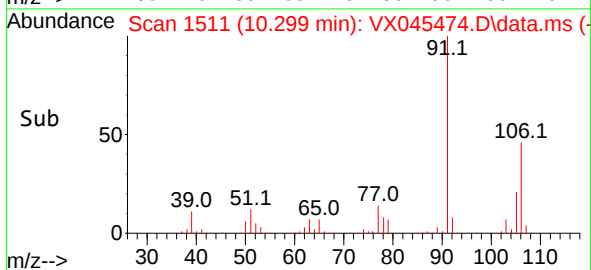
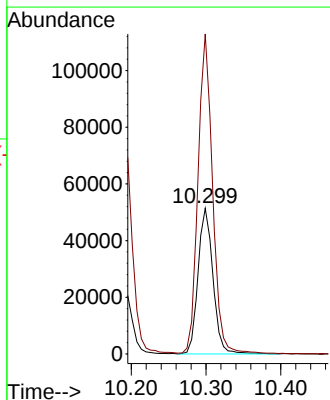
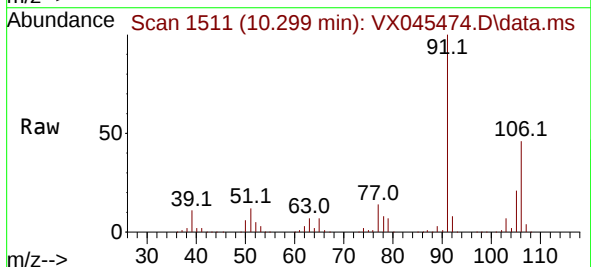
Manual Integrations
APPROVED

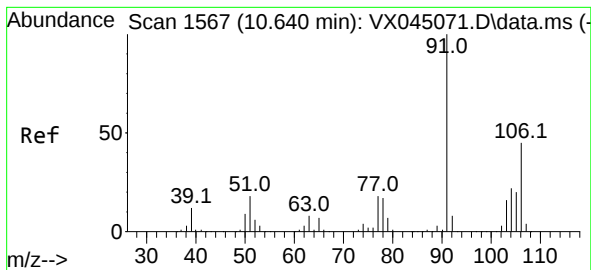
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#68
m/p-Xylenes
Concen: 39.679 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion:106 Resp: 71444
Ion Ratio Lower Upper
106 100
91 214.5 165.4 248.0





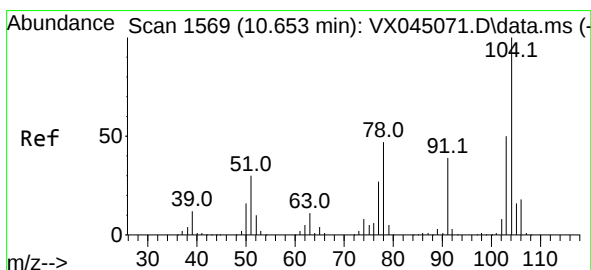
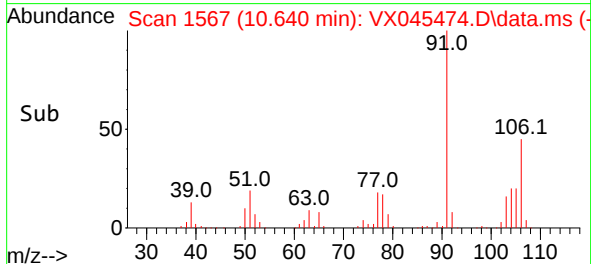
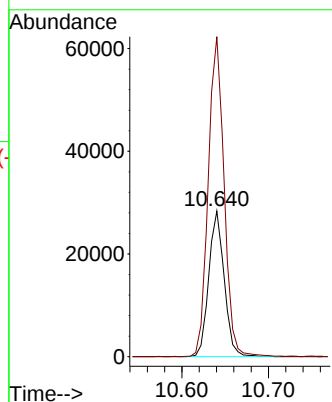
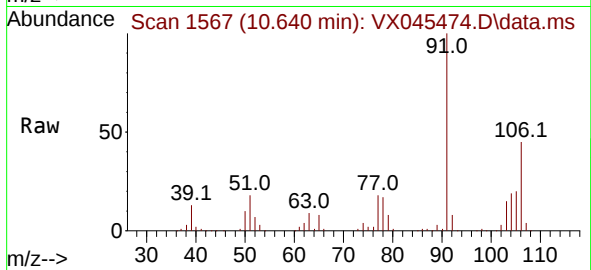
#69
o-Xylene
Concen: 19.360 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion:106 Resp: 3515
Ion Ratio Lower Upper
106 100
91 226.4 109.9 329.6

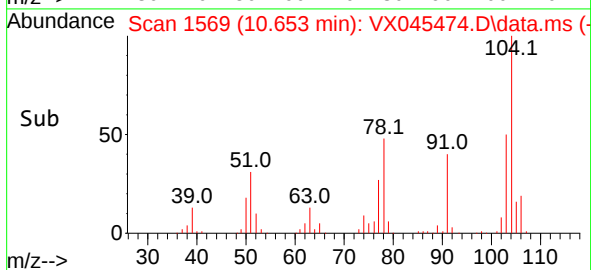
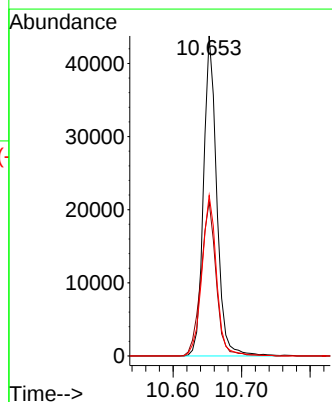
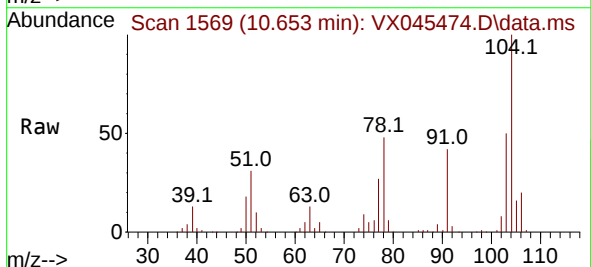
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 20.088 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion:104 Resp: 59026
Ion Ratio Lower Upper
104 100
78 54.8 42.2 63.4
103 55.2 43.8 65.8





#71

Bromoform

Concen: 19.650 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

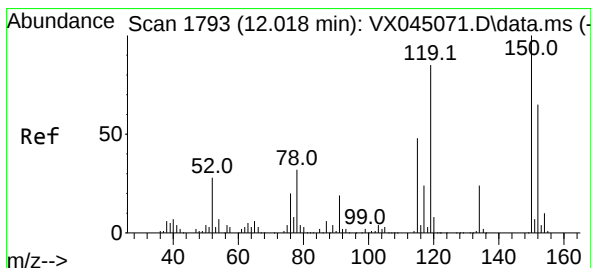
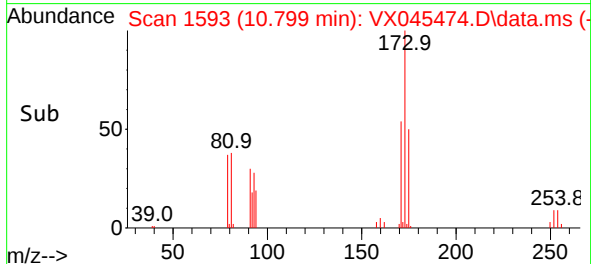
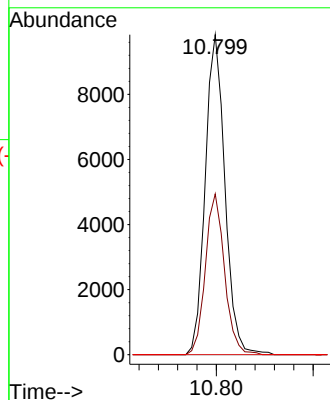
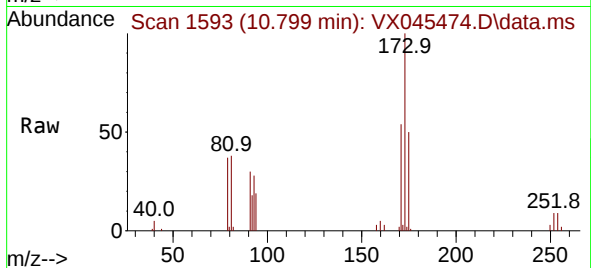
Tgt Ion:173	Resp:	13929
Ion Ratio	Lower	Upper
173	100	
175	48.9	24.6 73.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

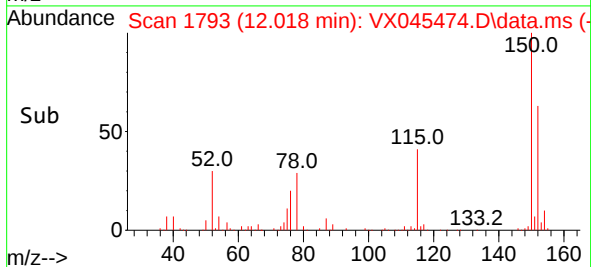
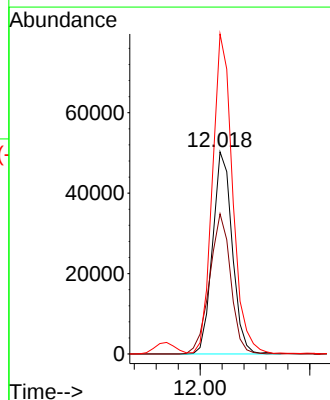
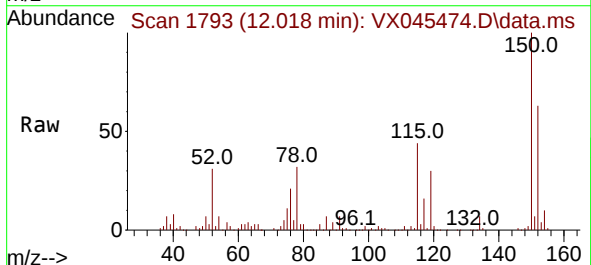
RT: 12.018 min Scan# 1793

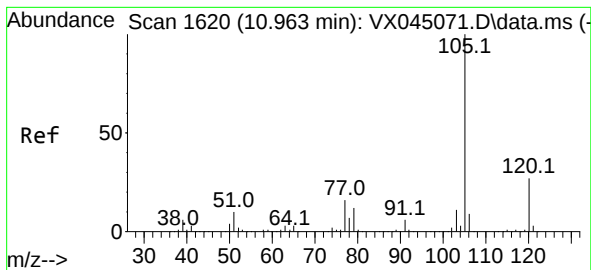
Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

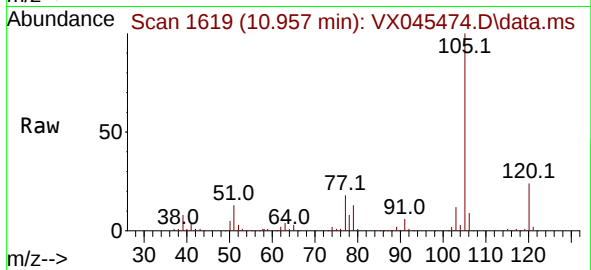
Tgt Ion:152	Resp:	62561
Ion Ratio	Lower	Upper
152	100	
115	74.3	44.2 132.6
150	163.4	0.0 349.0





#73
Isopropylbenzene
Concen: 19.117 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

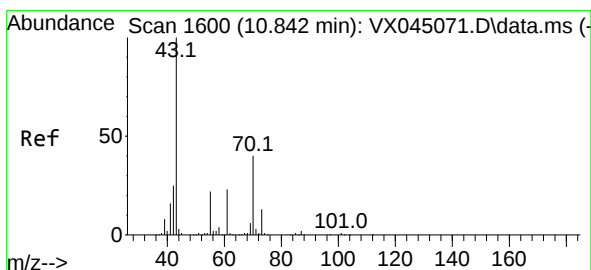
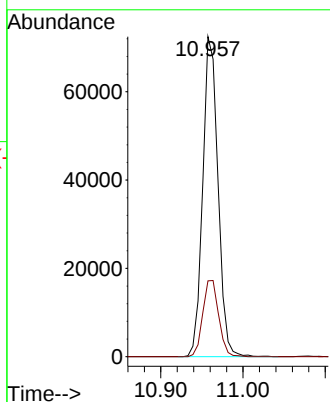
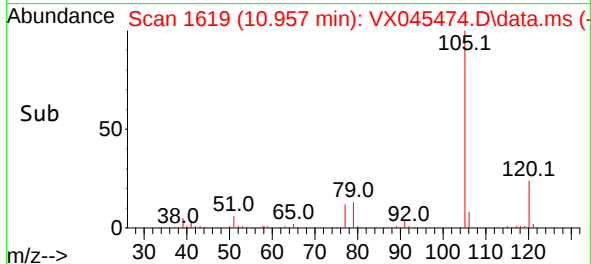
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



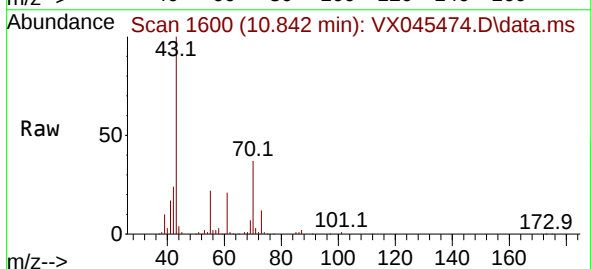
Tgt Ion:105 Resp: 93348
Ion Ratio Lower Upper
105 100
120 24.9 13.2 39.5

Manual Integrations
APPROVED

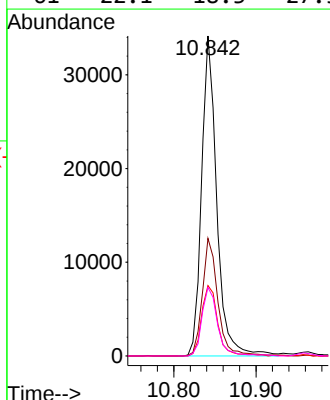
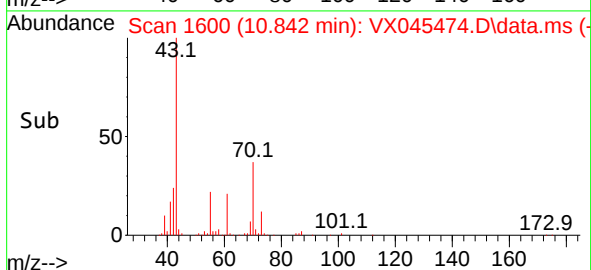
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 19.140 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03



Tgt Ion: 43 Resp: 43856
Ion Ratio Lower Upper
43 100
70 37.6 31.8 47.6
55 23.3 18.3 27.5
61 22.1 18.3 27.5





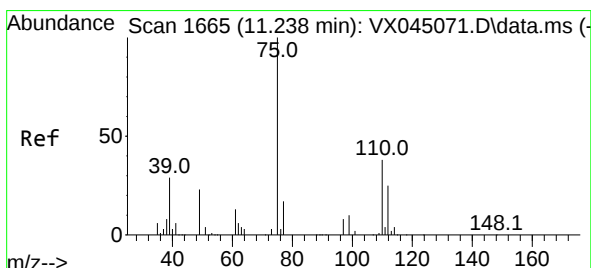
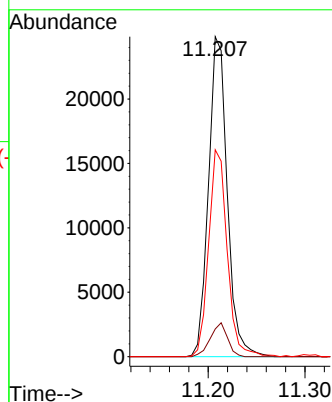
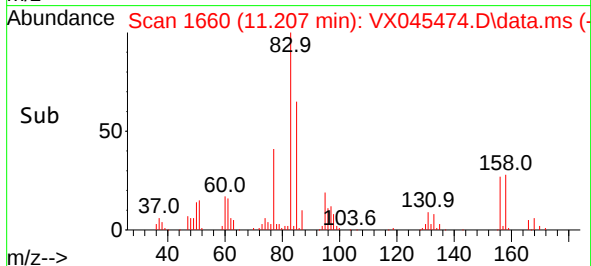
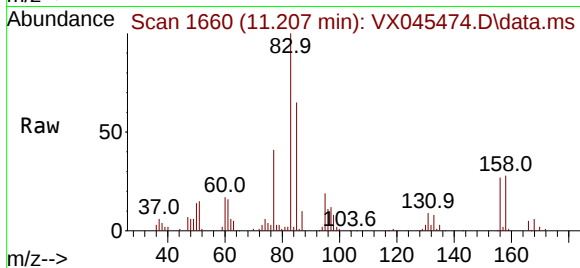
#75
1,1,2,2-Tetrachloroethane
Concen: 18.715 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 83 Resp: 3353
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.4
85 64.0 31.7 95.1

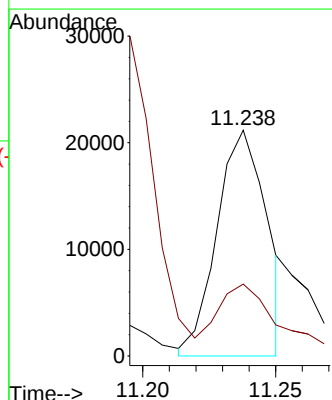
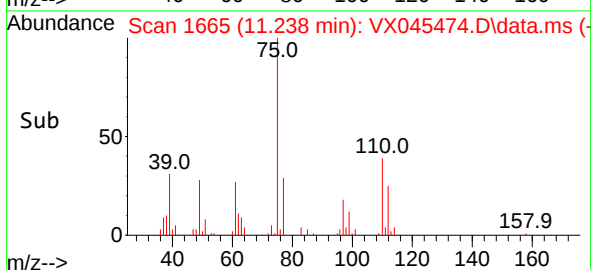
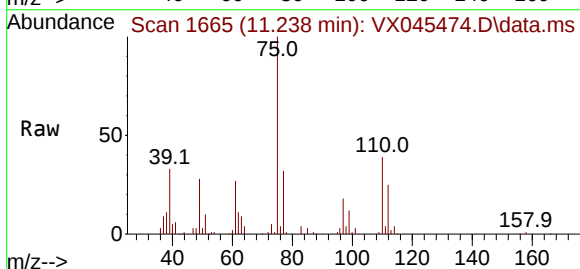
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 18.979 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion: 75 Resp: 27636
Ion Ratio Lower Upper
75 100
77 39.7 20.7 62.1





#77

Bromobenzene

Concen: 18.550 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

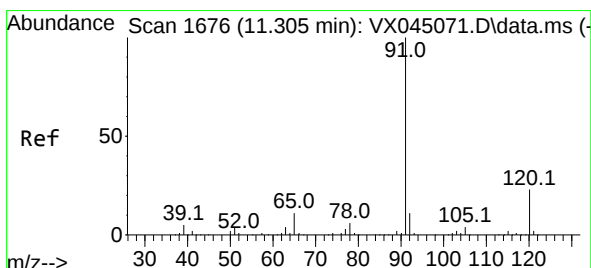
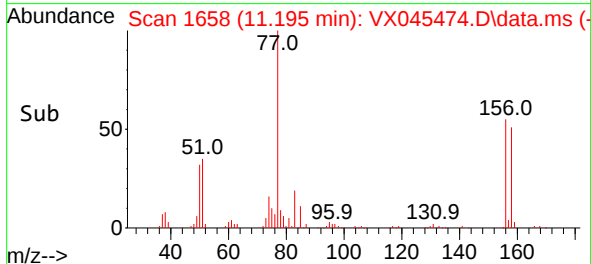
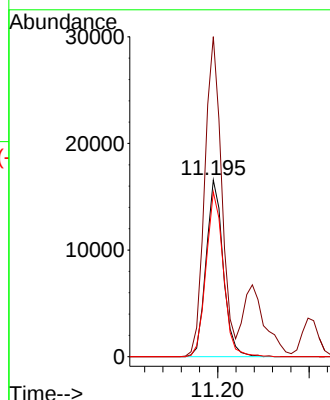
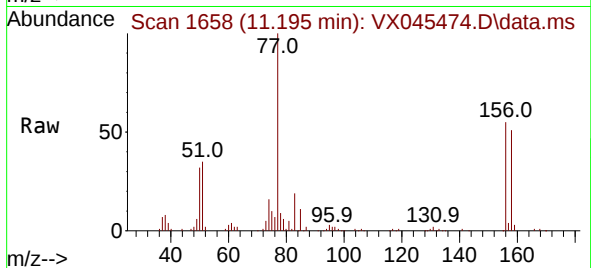
Tgt Ion:	156	Resp:	2137
Ion Ratio	Lower	Upper	
156	100		
77	180.4	85.8	257.4
158	94.7	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#78

n-propylbenzene

Concen: 19.432 ug/l

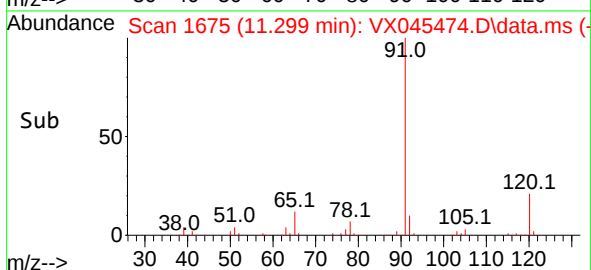
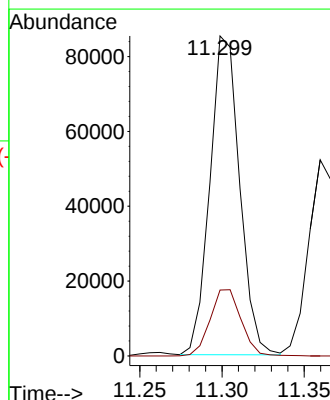
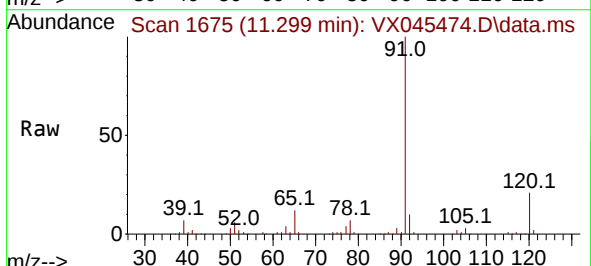
RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Tgt Ion:	91	Resp:	107190
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.2	33.6





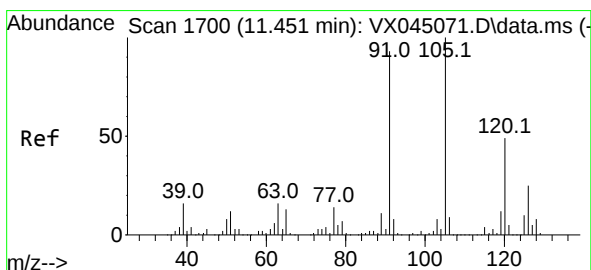
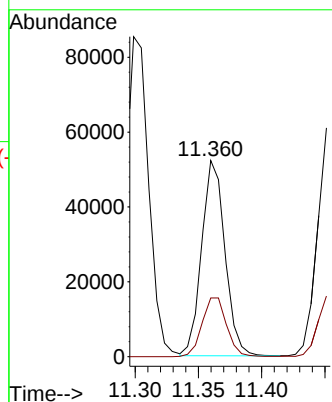
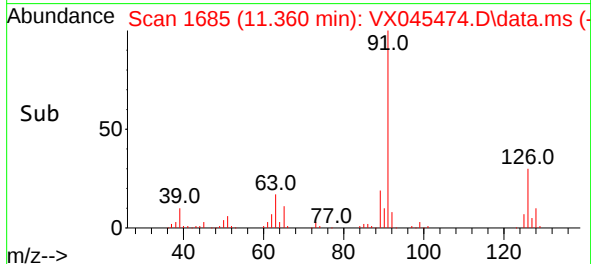
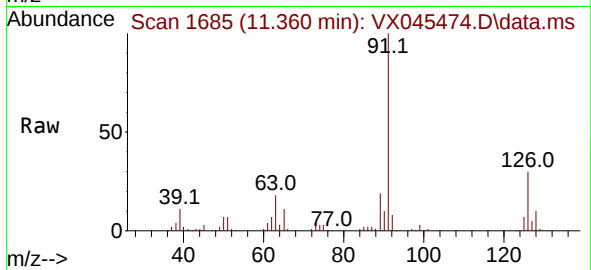
#79
2-Chlorotoluene
Concen: 19.056 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 91 Resp: 6694
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

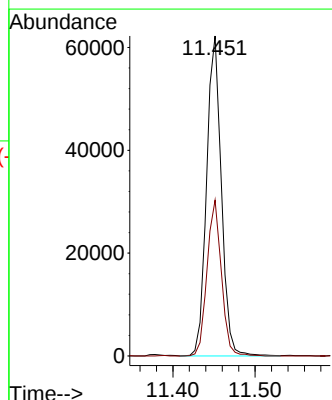
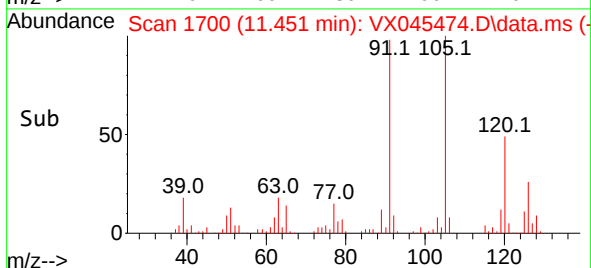
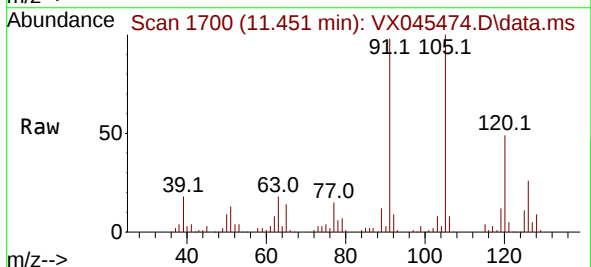
Manual Integrations
APPROVED

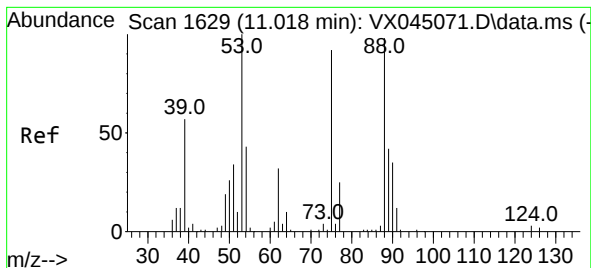
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.661 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

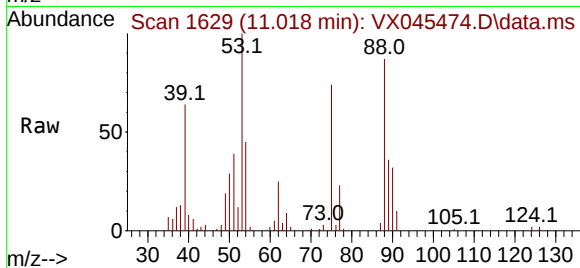
Tgt Ion:105 Resp: 77630
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.212 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

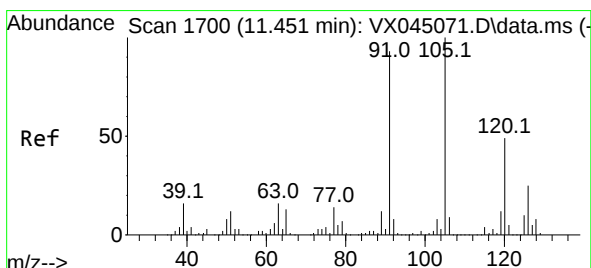
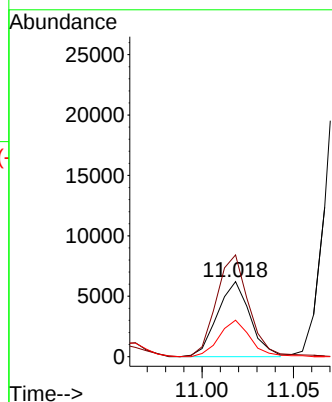
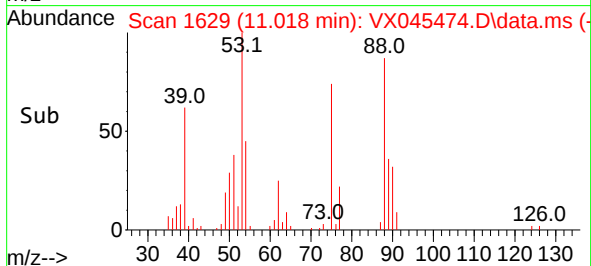
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



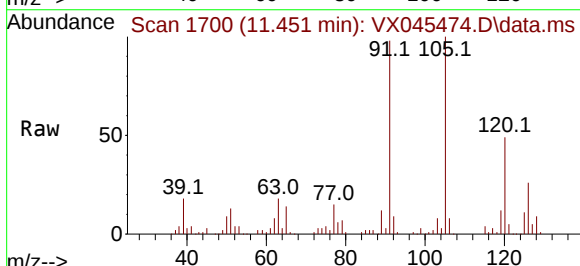
Tgt Ion: 75 Resp: 7749
Ion Ratio Lower Upper
75 100
53 135.2 88.5 132.7
89 46.5 36.2 54.4

Manual Integrations
APPROVED

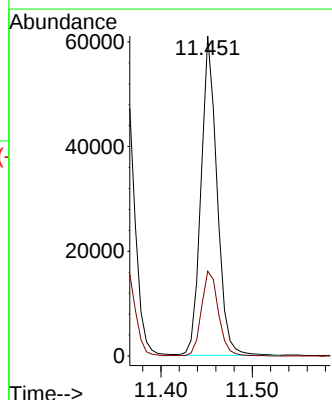
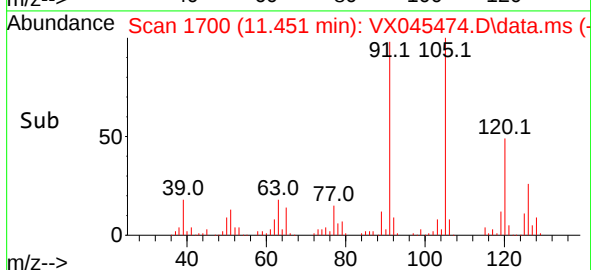
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

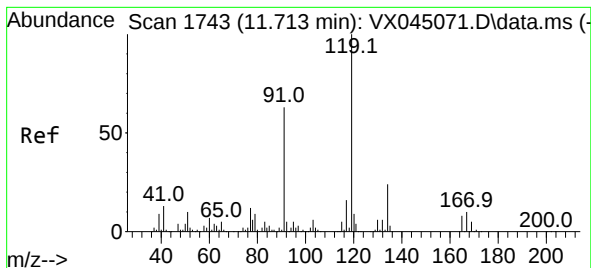


#82
4-Chlorotoluene
Concen: 19.310 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03



Tgt Ion: 91 Resp: 73932
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.4





#83

tert-Butylbenzene

Concen: 18.714 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

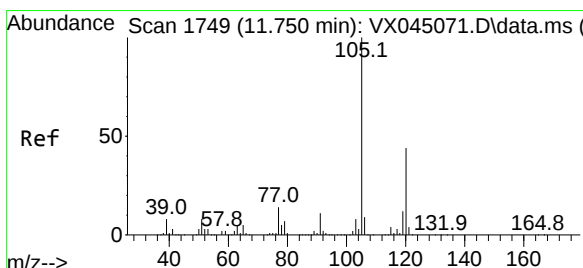
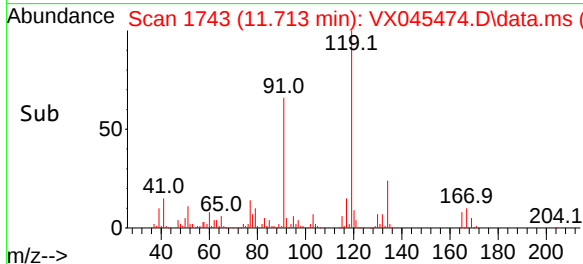
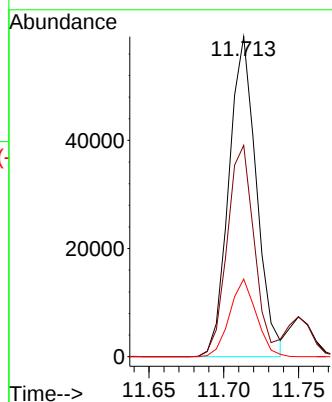
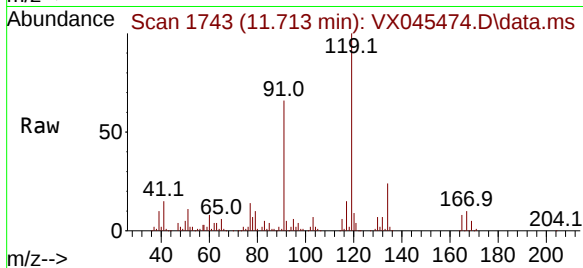
Tgt Ion:	119	Resp:	75919
Ion	Ratio	Lower	Upper
119	100		
91	64.4	30.7	92.1
134	23.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.467 ug/l

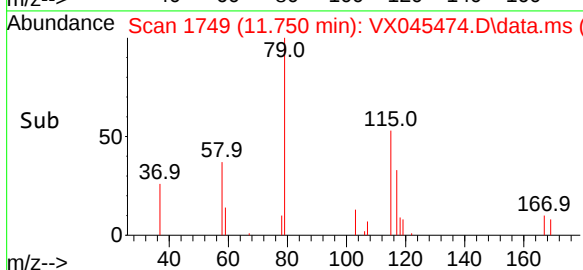
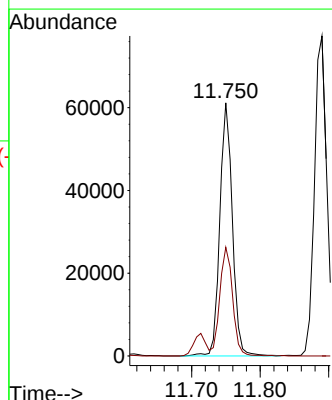
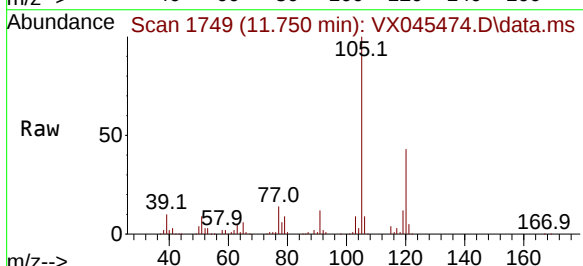
RT: 11.750 min Scan# 1749

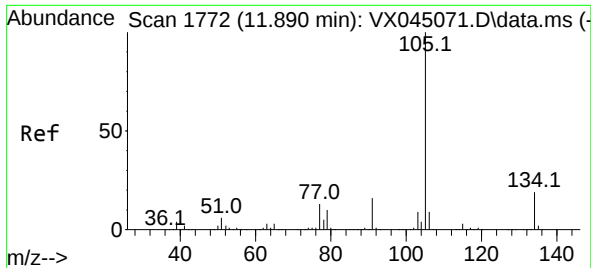
Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

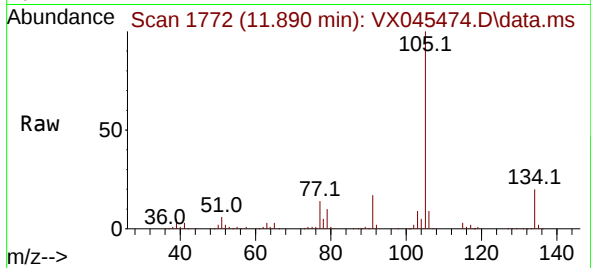
Tgt Ion:	105	Resp:	77339
Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1





#85
 sec-Butylbenzene
 Concen: 19.971 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045474.D
 Acq: 27 Mar 2025 14:03

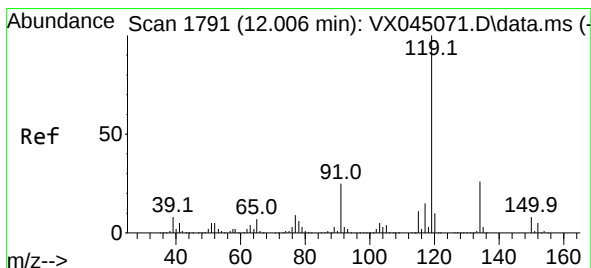
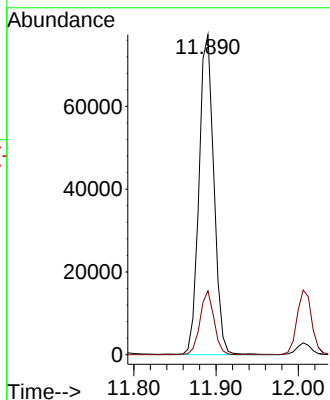
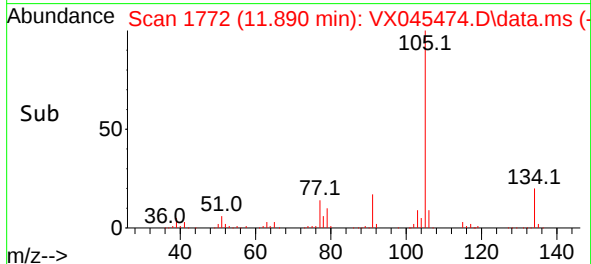
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01



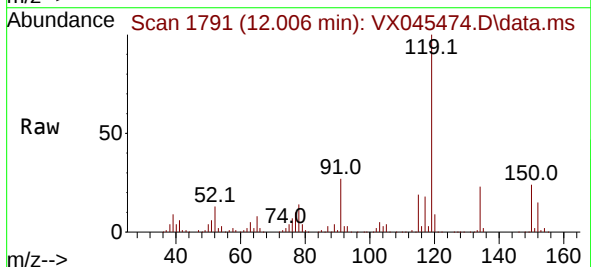
Tgt Ion:105 Resp: 97050
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

Manual Integrations
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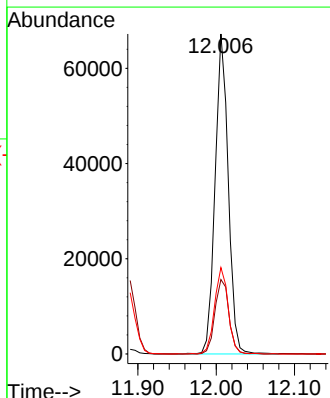
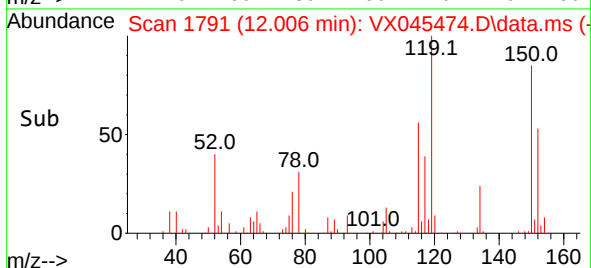
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#86
 p-Isopropyltoluene
 Concen: 19.958 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045474.D
 Acq: 27 Mar 2025 14:03



Tgt Ion:119 Resp: 78379
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.9 38.6
 91 27.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 18.630 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tgt Ion:146 Resp: 3829

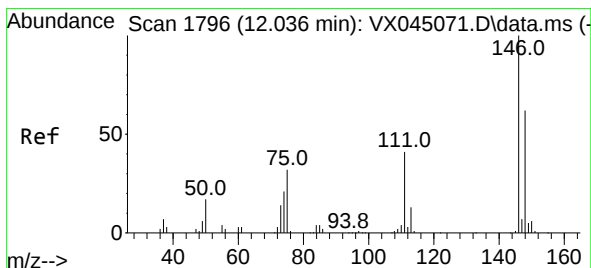
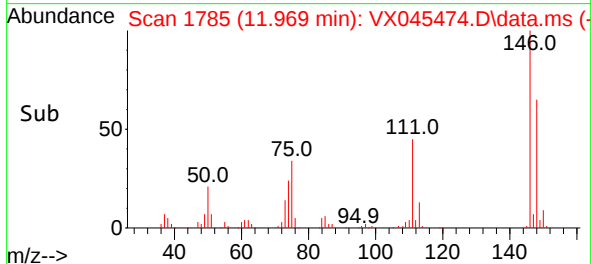
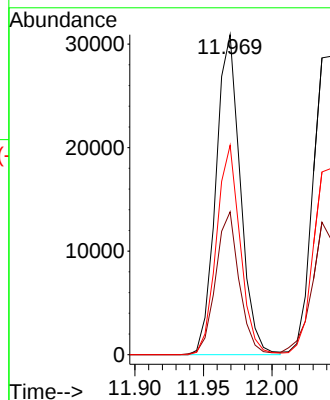
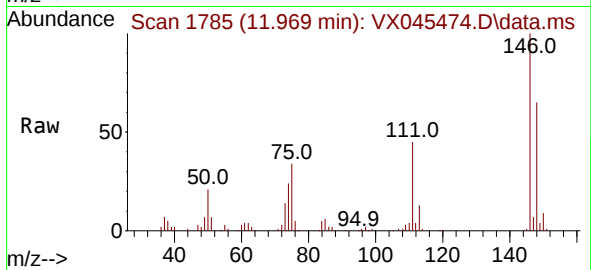
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.4
148	63.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#88

1,4-Dichlorobenzene

Concen: 18.657 ug/l

RT: 12.043 min Scan# 1797

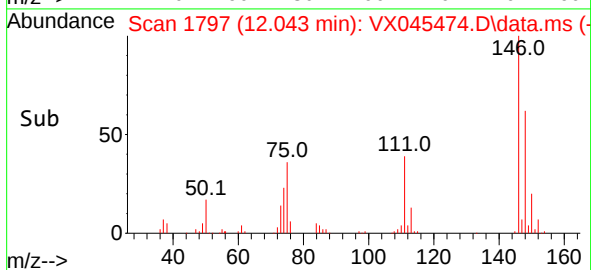
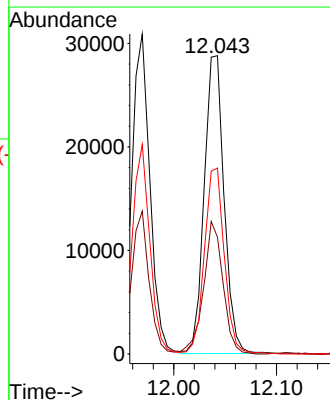
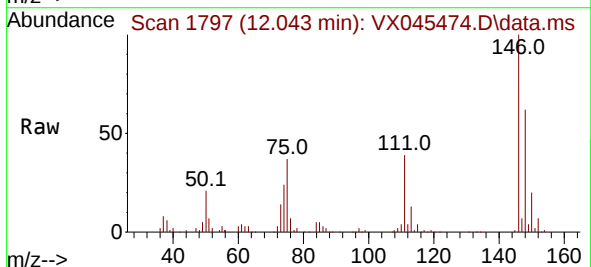
Delta R.T. 0.006 min

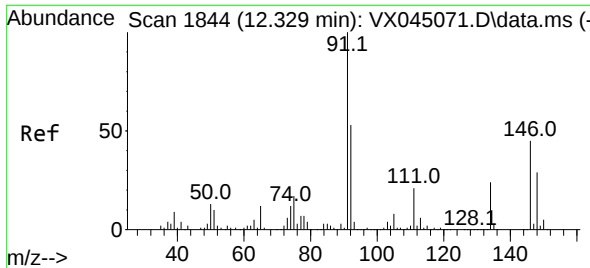
Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Tgt Ion:146 Resp: 38794

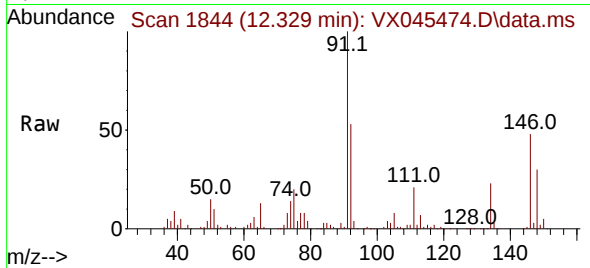
Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.2	60.5
148	62.7	31.9	95.9





#89
n-Butylbenzene
Concen: 20.086 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

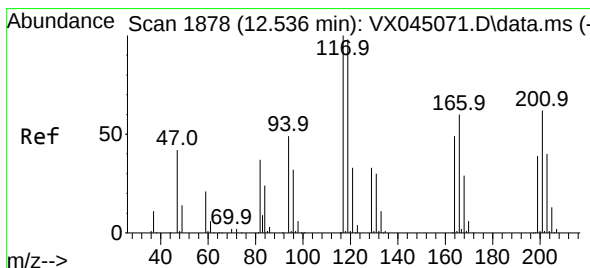
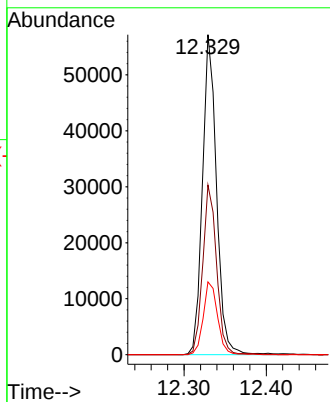
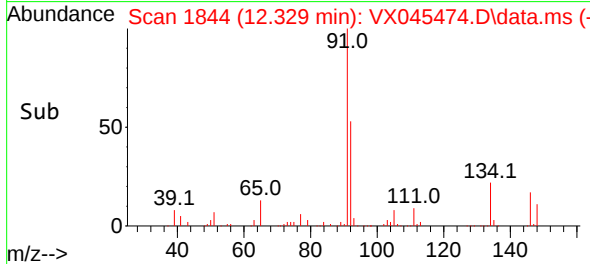
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion: 91 Resp: 6793
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.0
134 23.1 12.2 36.6

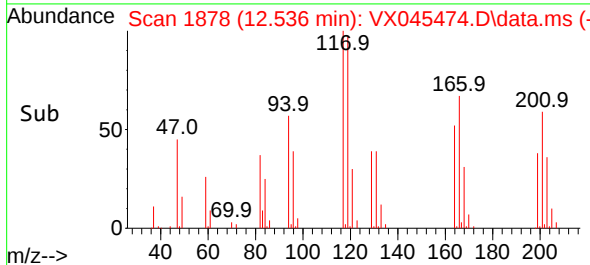
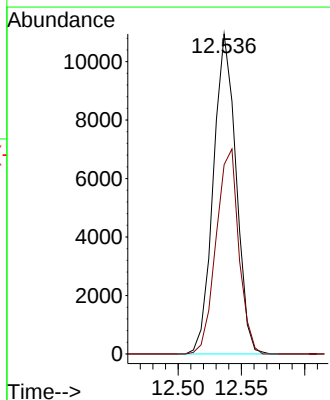
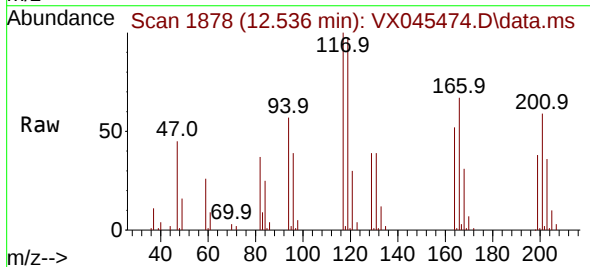
Manual Integrations
APPROVED

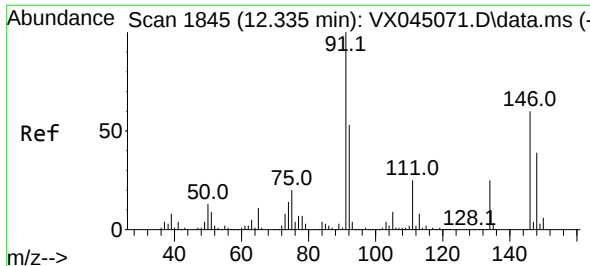
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 19.188 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

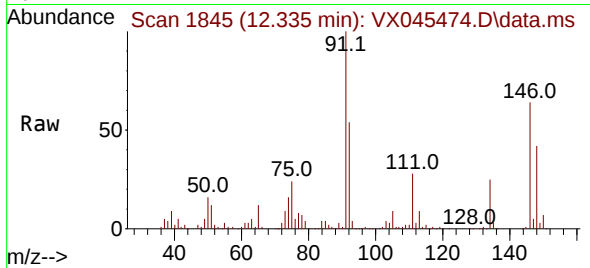
Tgt Ion:117 Resp: 13630
Ion Ratio Lower Upper
117 100
201 64.2 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 19.057 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

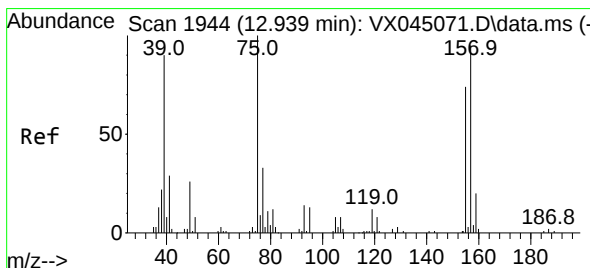
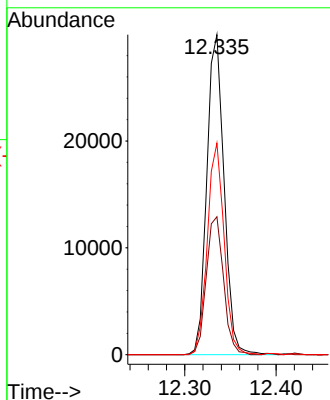
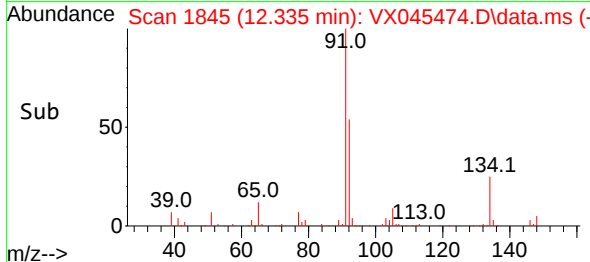
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



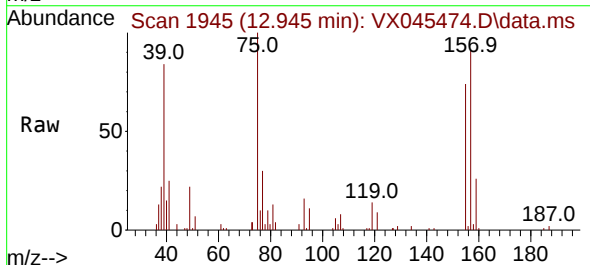
Tgt Ion:146 Resp: 3929
Ion Ratio Lower Upper
146 100
111 43.3 21.6 65.0
148 64.3 31.9 95.9

Manual Integrations
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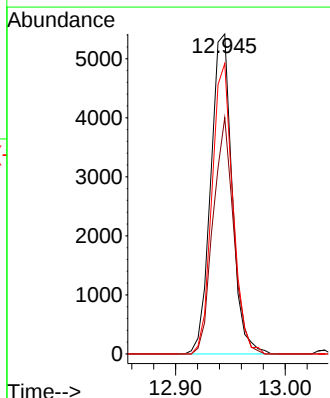
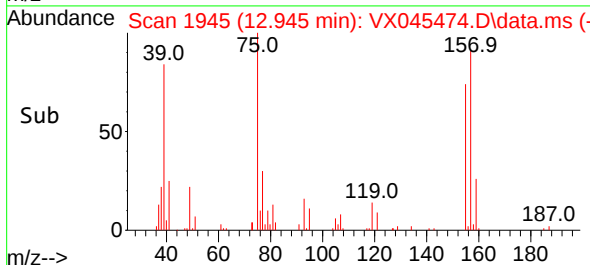
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

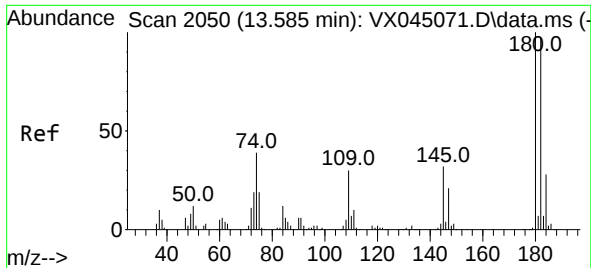


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.977 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03



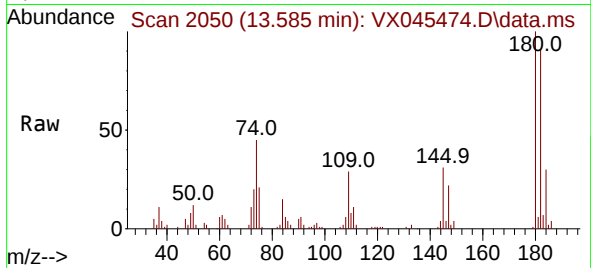
Tgt Ion: 75 Resp: 7323
Ion Ratio Lower Upper
75 100
155 71.1 39.6 118.7
157 88.6 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 18.508 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

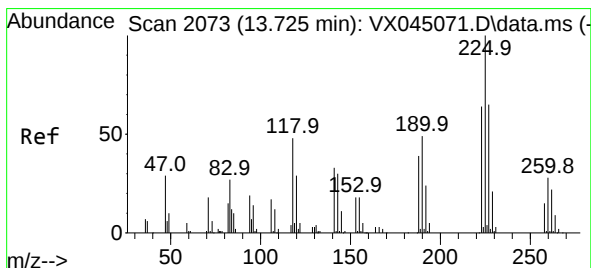
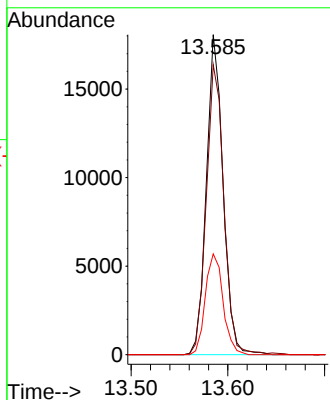
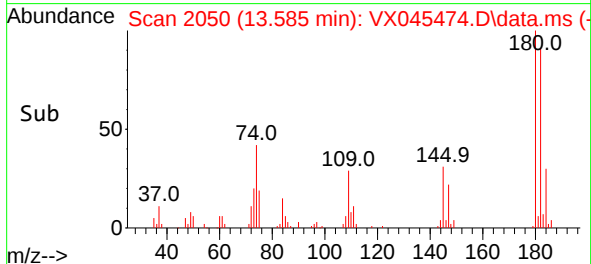
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01



Tgt Ion:180 Resp: 21728
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 33.4 16.3 48.9

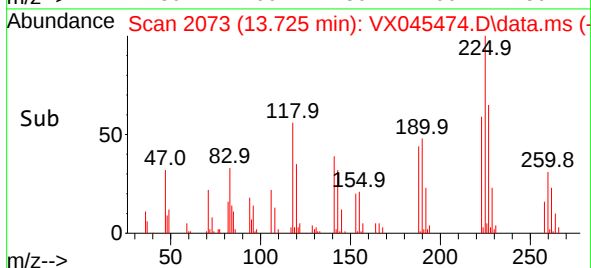
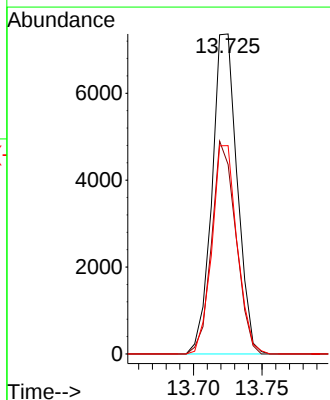
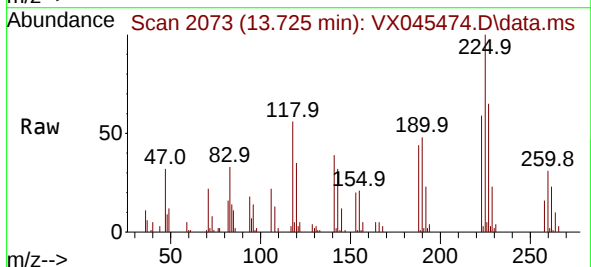
Manual Integrations
APPROVED

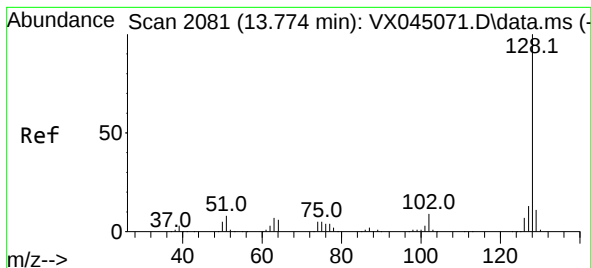
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#94
Hexachlorobutadiene
Concen: 19.503 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045474.D
Acq: 27 Mar 2025 14:03

Tgt Ion:225 Resp: 9387
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 65.0 31.4 94.0





#95

Naphthalene

Concen: 18.391 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tgt Ion:128 Resp: 82954

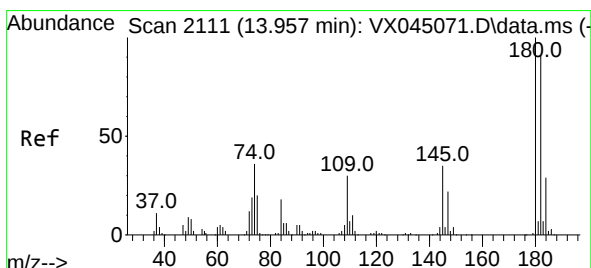
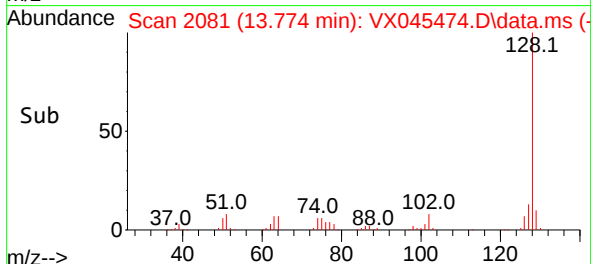
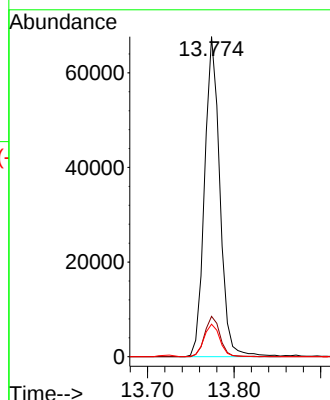
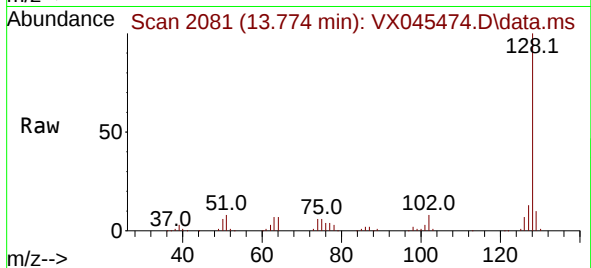
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.577 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045474.D

Acq: 27 Mar 2025 14:03

Tgt Ion:180 Resp: 23008

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.5	142.6
145	34.9	17.0	50.9

