

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045976.D
 Acq On : 29 Apr 2025 12:49
 Operator : JC/MD
 Sample : VX0429WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2025
 Supervised By : Semsettin Yesilyurt 04/30/2025

Quant Time: Apr 30 01:37:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	77095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76515	54.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	5.379	113	52478	54.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.520%			
50) Toluene-d8	8.647	98	172943	51.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	67496	55.394	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19940	17.295	ug/l	98
3) Chloromethane	1.307	50	19464	16.433	ug/l	97
4) Vinyl Chloride	1.374	62	18281	16.865	ug/l	97
5) Bromomethane	1.593	94	8917	17.349	ug/l	97
6) Chloroethane	1.672	64	10885	18.927	ug/l	98
7) Trichlorofluoromethane	1.880	101	31444	19.453	ug/l	99
8) Diethyl Ether	2.130	74	11373	20.957	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	20162	21.286	ug/l	96
10) Methyl Iodide	2.447	142	21226	17.966	ug/l	95
11) Tert butyl alcohol	2.965	59	21757	114.828	ug/l	100
12) 1,1-Dichloroethene	2.313	96	17753	19.182	ug/l	97
13) Acrolein	2.233	56	29845	114.384	ug/l	99
14) Allyl chloride	2.660	41	34613	19.710	ug/l	100
15) Acrylonitrile	3.062	53	63530	106.219	ug/l	99
16) Acetone	2.380	43	59734	103.180	ug/l	98
17) Carbon Disulfide	2.508	76	30724	13.441	ug/l	98
18) Methyl Acetate	2.703	43	39952	29.973	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	70922	21.905	ug/l	100
20) Methylene Chloride	2.782	84	22066	20.359	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	17617	18.632	ug/l	95
22) Diisopropyl ether	3.757	45	74574	21.558	ug/l	94
23) Vinyl Acetate	3.715	43	306061	102.405	ug/l	99
24) 1,1-Dichloroethane	3.599	63	39043	19.957	ug/l	99
25) 2-Butanone	4.556	43	92556	109.219	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29266	23.154	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	23658	20.537	ug/l	97
28) Bromochloromethane	4.891	49	21694	22.947	ug/l	96
29) Tetrahydrofuran	5.007	42	57573	104.788	ug/l	99
30) Chloroform	5.086	83	43275	21.498	ug/l	97
31) Cyclohexane	5.458	56	31835	18.407	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	35637	20.922	ug/l	99
36) 1,1-Dichloropropene	5.684	75	25072	19.375	ug/l	100
37) Ethyl Acetate	4.708	43	32920	20.187	ug/l	99
38) Carbon Tetrachloride	5.672	117	29700	21.237	ug/l	92
39) Methylcyclohexane	7.373	83	31598	19.921	ug/l	99
40) Benzene	6.031	78	78335	19.821	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19612	22.794	ug/l	98
42) 1,2-Dichloroethane	6.080	62	36209	22.183	ug/l	100
43) Isopropyl Acetate	6.336	43	54185	21.923	ug/l	99
44) Trichloroethene	7.123	130	18371	19.557	ug/l	96
45) 1,2-Dichloropropane	7.421	63	21416	21.719	ug/l	100
46) Dibromomethane	7.580	93	16618	21.954	ug/l	99
47) Bromodichloromethane	7.818	83	32301	21.368	ug/l	97
48) Methyl methacrylate	7.690	41	27818	21.799	ug/l	100
49) 1,4-Dioxane	7.659	88	10150	439.614	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	187368	114.356	ug/l	98
52) Toluene	8.714	92	48009	20.076	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	27378	20.260	ug/l	93
54) cis-1,3-Dichloropropene	8.360	75	30230	21.280	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	20571	21.587	ug/l	96
56) Ethyl methacrylate	9.116	69	32392	21.964	ug/l	98
57) 1,3-Dichloropropane	9.305	76	36964	22.275	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	85871	115.101	ug/l	99
59) 2-Hexanone	9.427	43	137555	113.371	ug/l	98
60) Dibromochloromethane	9.519	129	22935	22.077	ug/l	96
61) 1,2-Dibromoethane	9.604	107	21310	22.091	ug/l	99
64) Tetrachloroethene	9.269	164	16478	19.715	ug/l	96
65) Chlorobenzene	10.073	112	54296	21.464	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19338	22.019	ug/l	100
67) Ethyl Benzene	10.189	91	96091	21.209	ug/l	97
68) m/p-Xylenes	10.299	106	70144	42.567	ug/l	100
69) o-Xylene	10.640	106	34876	21.485	ug/l	100
70) Styrene	10.653	104	58240	21.738	ug/l	99
71) Bromoform	10.799	173	13887	21.177	ug/l #	96
73) Isopropylbenzene	10.957	105	91610	19.901	ug/l	99
74) N-amyl acetate	10.842	43	45116	20.488	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	34033	21.045	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29260m	20.873	ug/l	
77) Bromobenzene	11.195	156	20879	19.630	ug/l	96
78) n-propylbenzene	11.299	91	106699	20.123	ug/l	99
79) 2-Chlorotoluene	11.360	91	66357	19.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	79294	20.831	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7415	17.952	ug/l	93
82) 4-Chlorotoluene	11.451	91	77140	20.411	ug/l	99
83) tert-Butylbenzene	11.713	119	78461	20.819	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	78597	20.572	ug/l	99
85) sec-Butylbenzene	11.890	105	98401	21.258	ug/l	99
86) p-Isopropyltoluene	12.006	119	79322	20.786	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	39159	20.225	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	39249	19.996	ug/l	96
89) n-Butylbenzene	12.329	91	66533	20.105	ug/l	100
90) Hexachloroethane	12.536	117	13828	21.084	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	40899	21.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7537	22.286	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	22349	20.858	ug/l	98
94) Hexachlorobutadiene	13.719	225	9997	21.652	ug/l	96
95) Naphthalene	13.774	128	82571	20.708	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	22765	20.290	ug/l	99

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

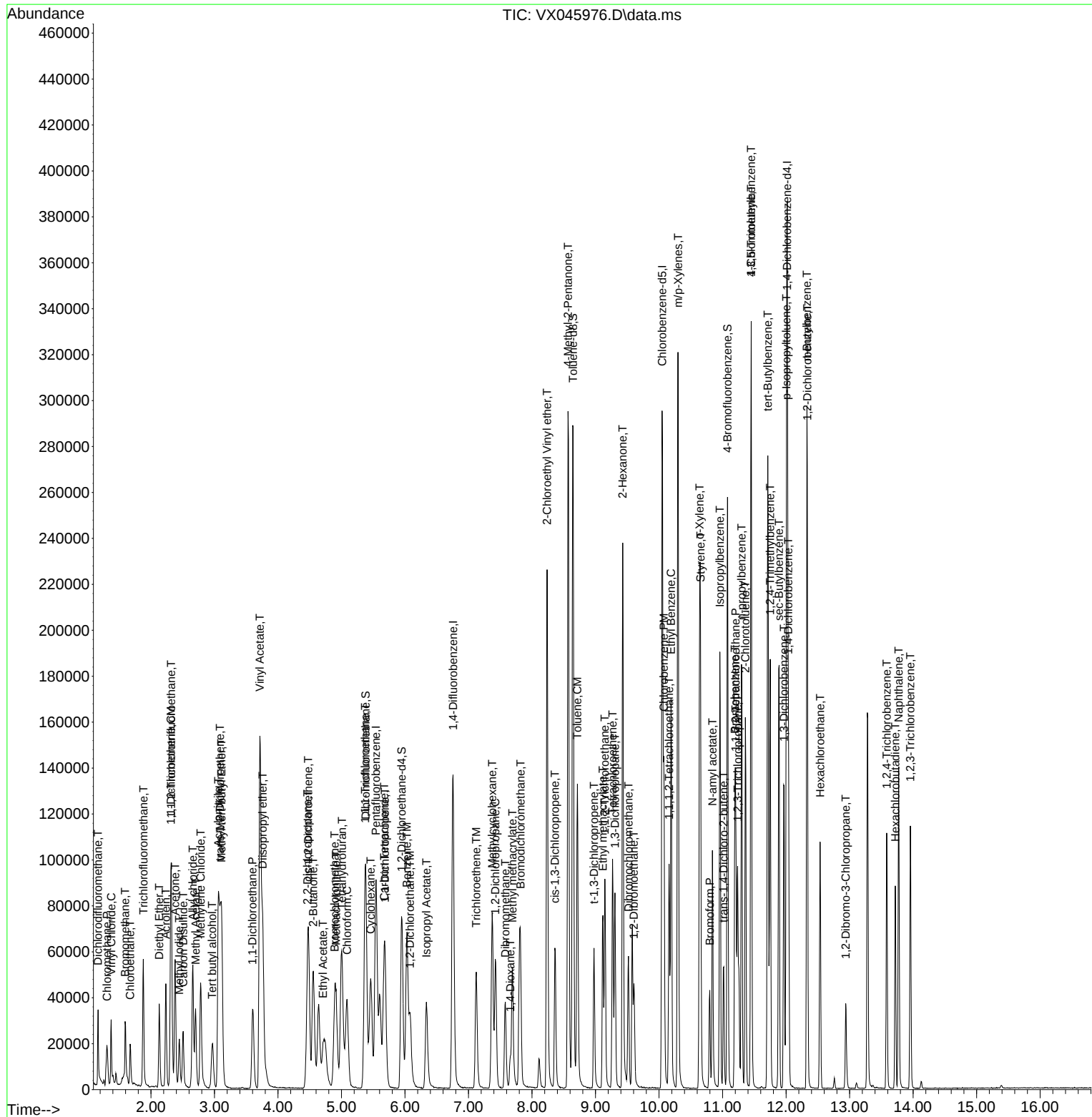
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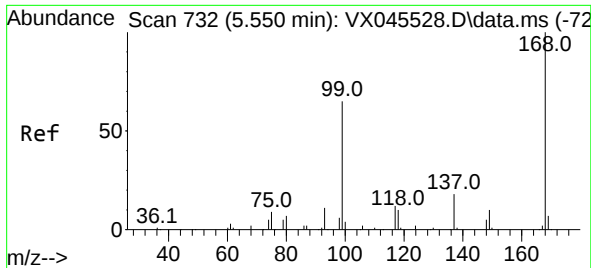
Instrument :
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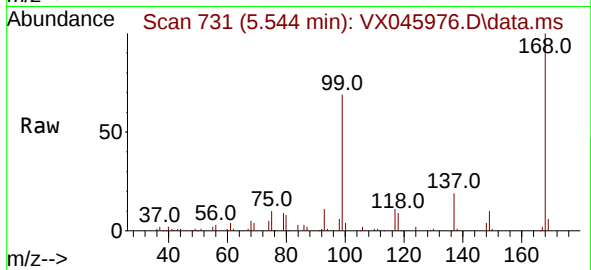
Reviewed By :John Carlone 04/30/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045976.D
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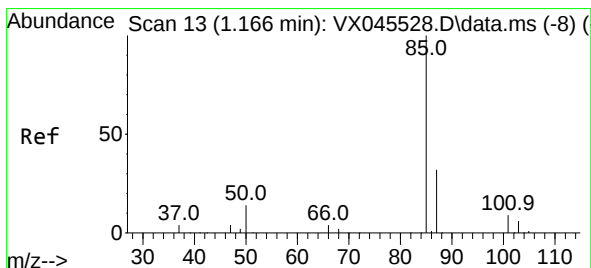
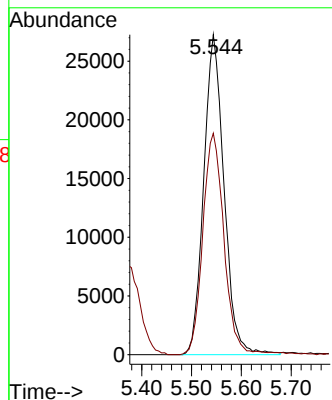
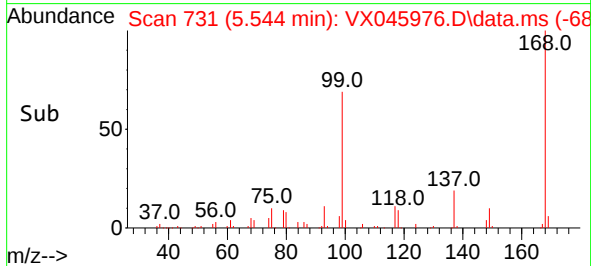
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion:168 Resp: 7709
Ion Ratio Lower Upper
168 100
99 69.2 52.3 78.5

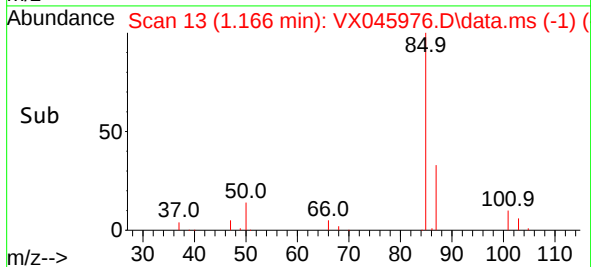
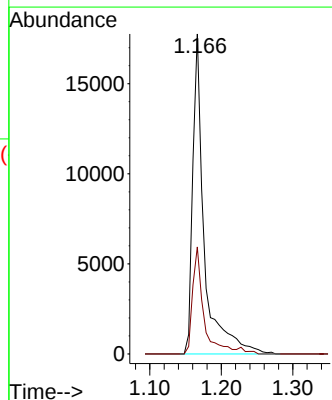
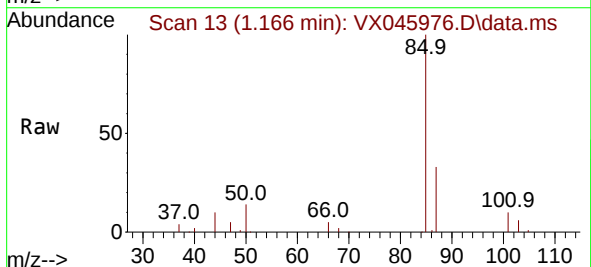
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#2
Dichlorodifluoromethane
Concen: 17.295 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

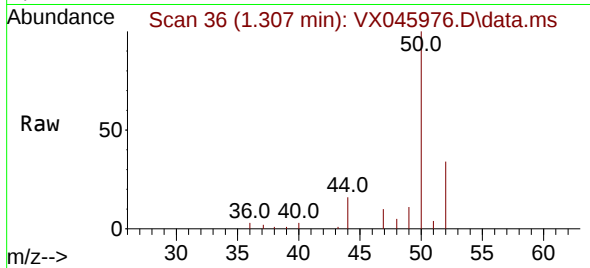
Tgt Ion: 85 Resp: 19940
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2





#3
Chloromethane
Concen: 16.433 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

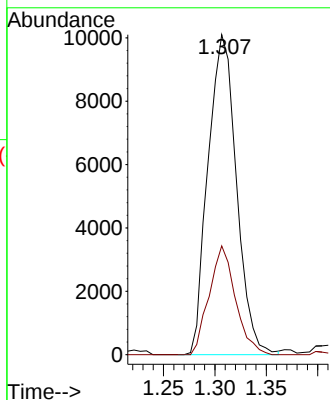
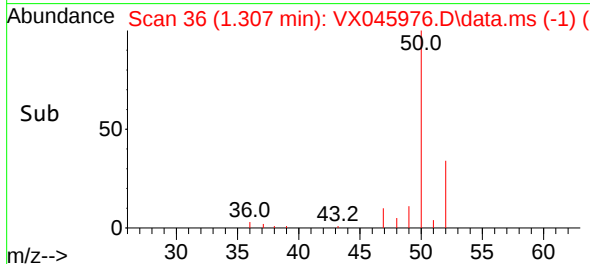
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 50 Resp: 1946
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9

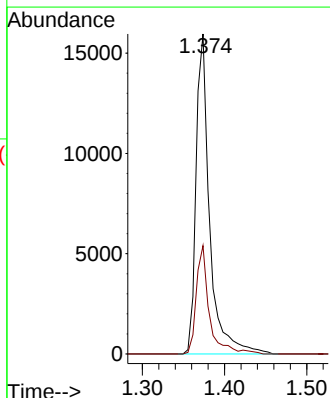
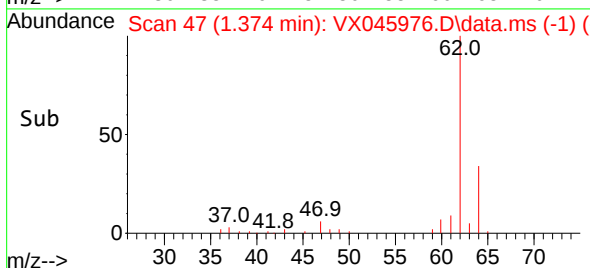
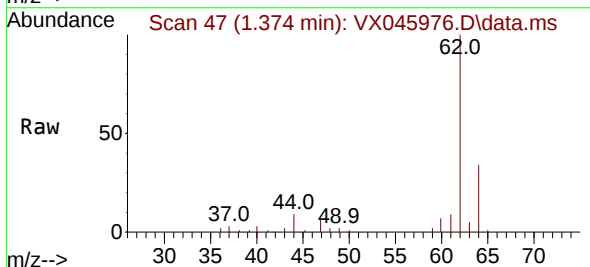
Manual Integrations
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#4
Vinyl Chloride
Concen: 16.865 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

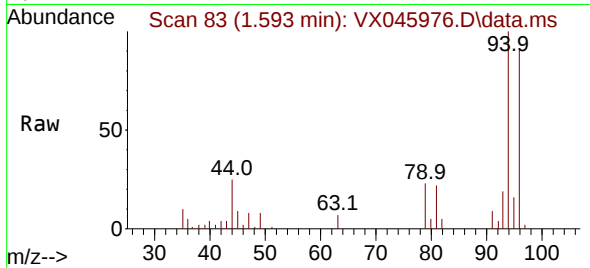
Tgt Ion: 62 Resp: 18281
Ion Ratio Lower Upper
62 100
64 33.8 25.5 38.3





#5
Bromomethane
Concen: 17.349 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

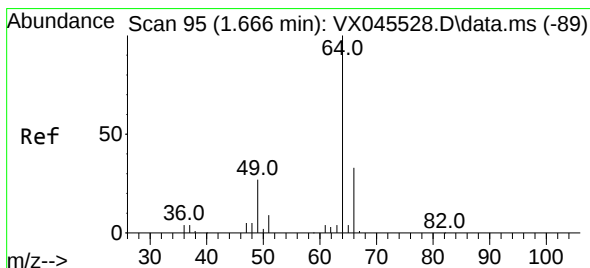
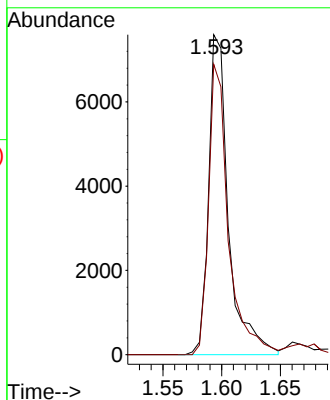
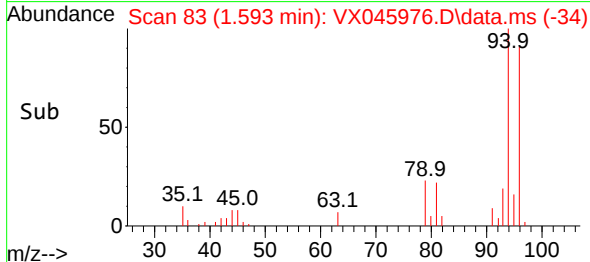
Instrument :
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Tgt Ion: 94 Resp: 891
Ion Ratio Lower Upper
94 100
96 90.7 74.8 112.2

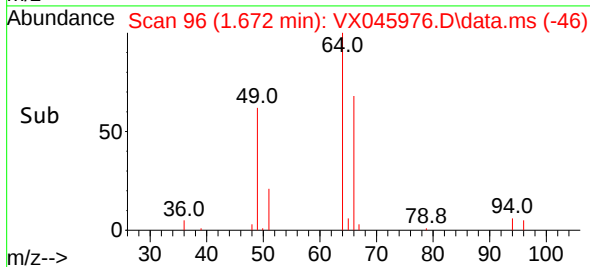
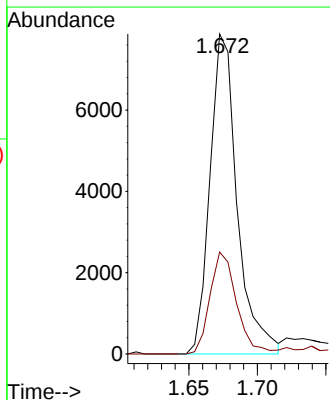
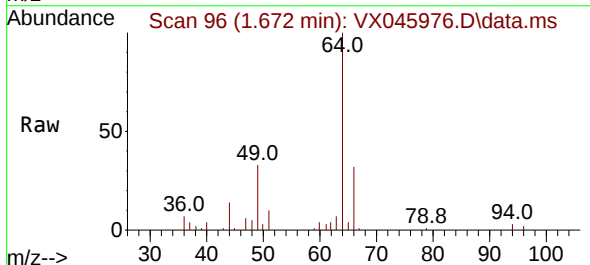
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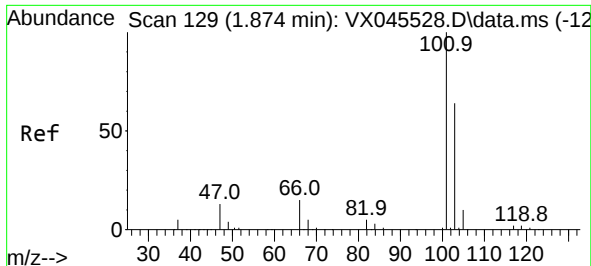
Reviewed By :John Carlone 04/30/2025
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#6
Chloroethane
Concen: 18.927 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
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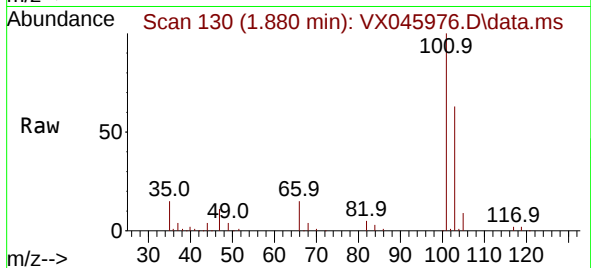
Tgt Ion: 64 Resp: 10885
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.453 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

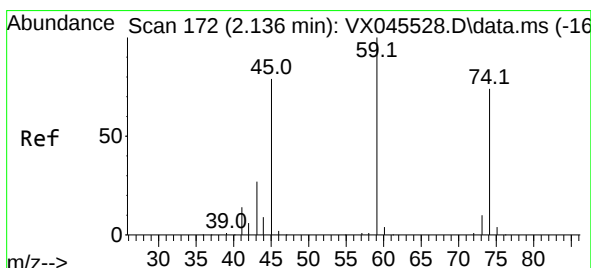
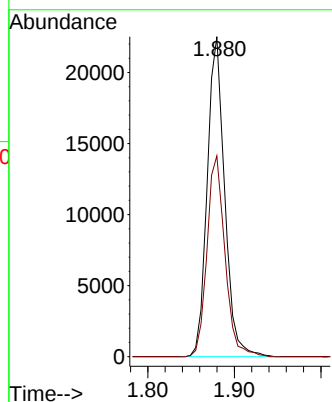
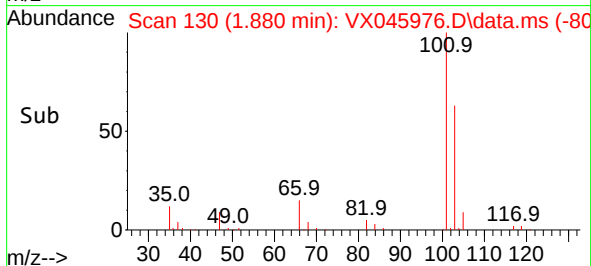
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 3144
Ion Ratio Lower Upper
101 100
103 62.8 51.1 76.7

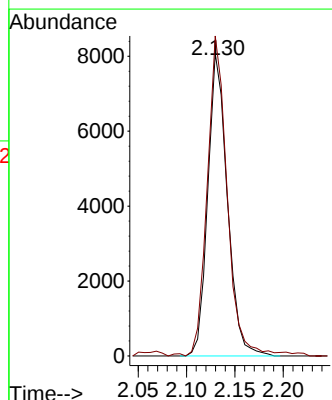
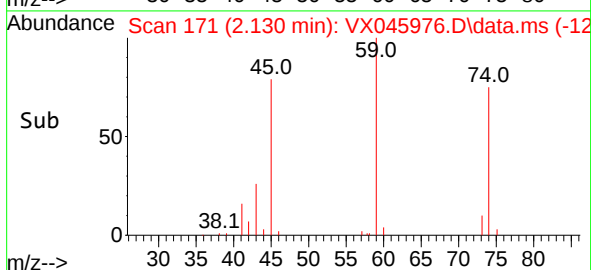
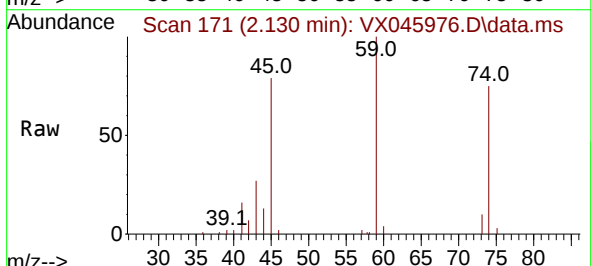
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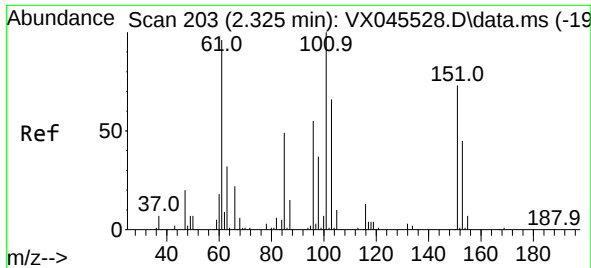
Reviewed By :John Carlone 04/30/2025
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#8
Diethyl Ether
Concen: 20.957 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion: 74 Resp: 11373
Ion Ratio Lower Upper
74 100
45 109.0 53.0 159.1





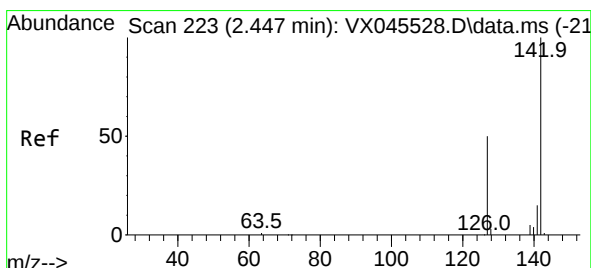
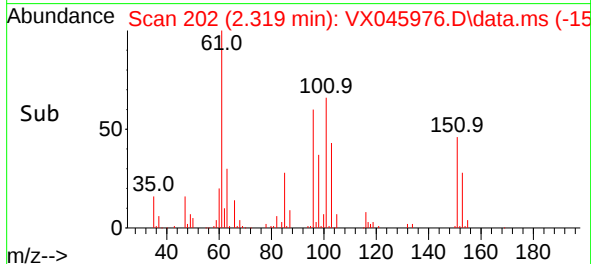
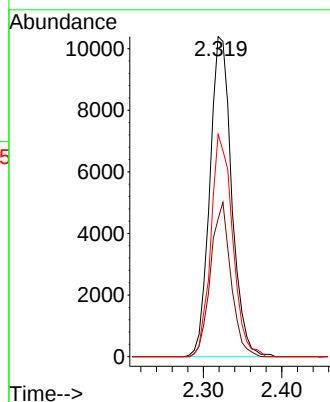
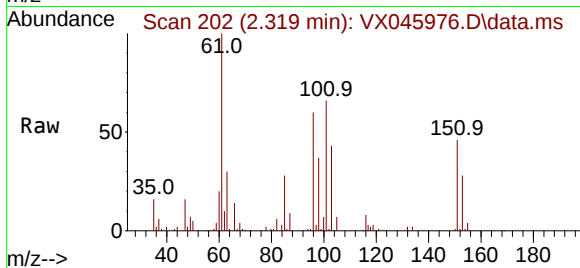
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.286 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion:101 Resp: 2016
Ion Ratio Lower Upper
101 100
85 44.8 38.9 58.3
151 68.8 57.5 86.3

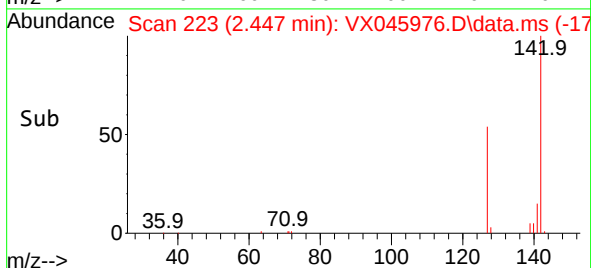
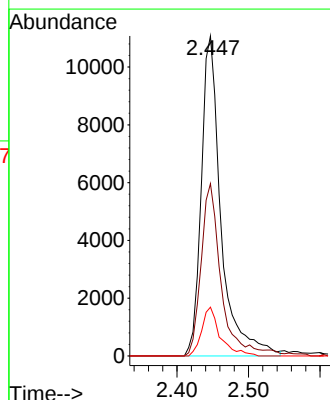
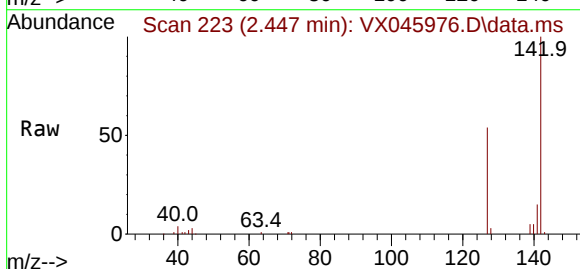
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#10
Methyl Iodide
Concen: 17.966 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

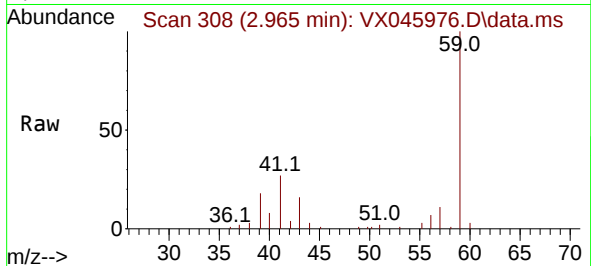
Tgt Ion:142 Resp: 21226
Ion Ratio Lower Upper
142 100
127 55.0 40.2 60.4
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 114.828 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

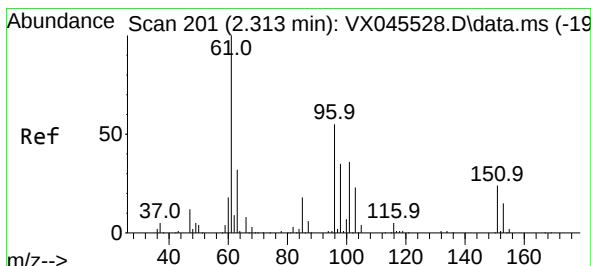
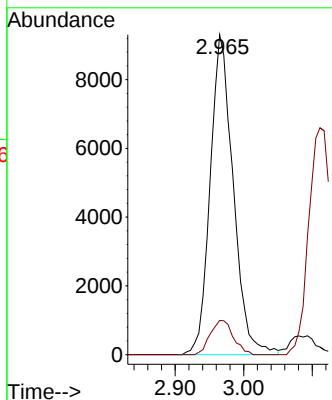
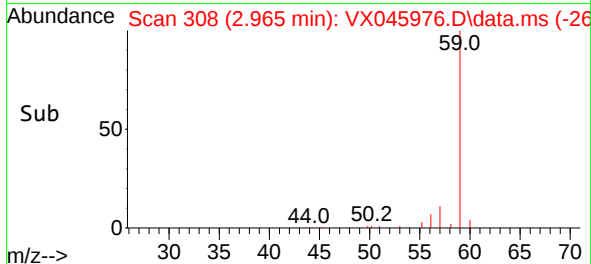
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 59 Resp: 2175
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

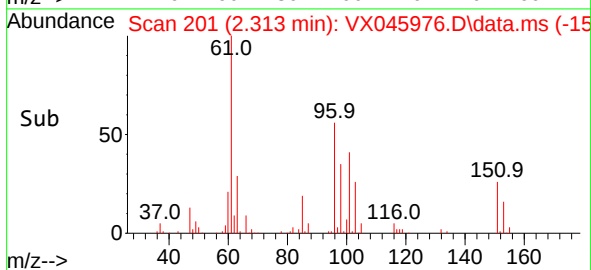
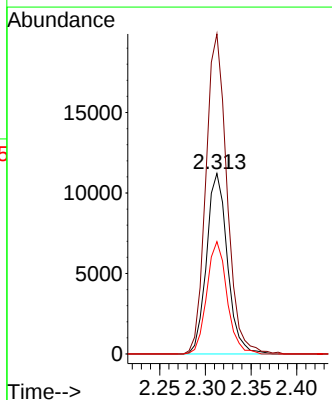
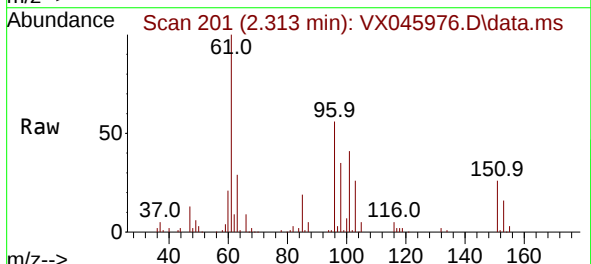
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#12
1,1-Dichloroethene
Concen: 19.182 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

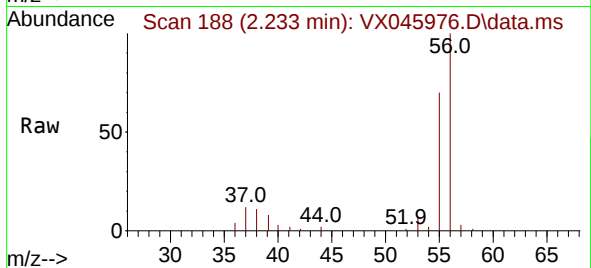
Tgt Ion: 96 Resp: 17753
Ion Ratio Lower Upper
96 100
61 177.3 145.7 218.5
98 62.2 51.6 77.4





#13
Acrolein
Concen: 114.384 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

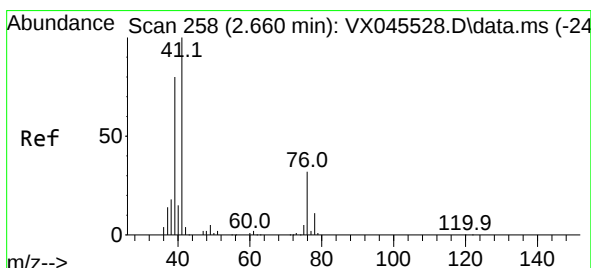
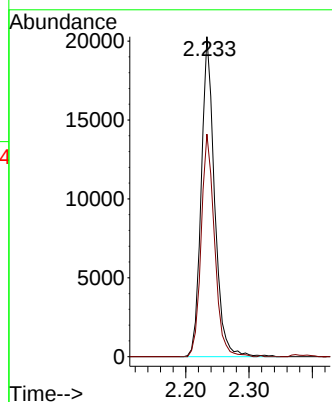
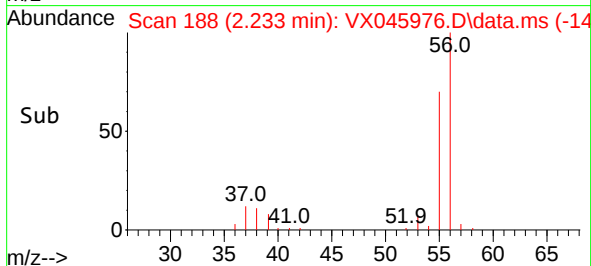
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 56 Resp: 2984
Ion Ratio Lower Upper
56 100
55 69.6 56.2 84.2

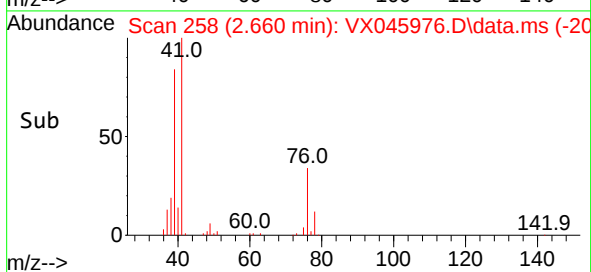
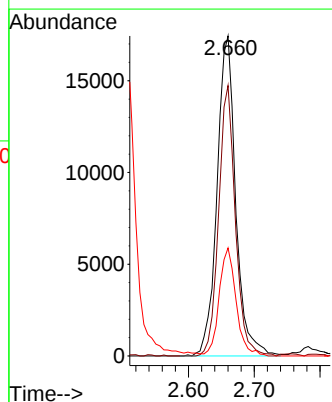
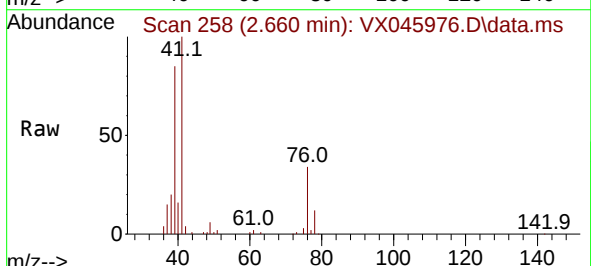
Manual Integrations
APPROVED

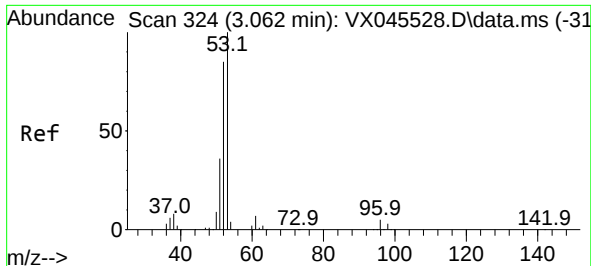
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#14
Allyl chloride
Concen: 19.710 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

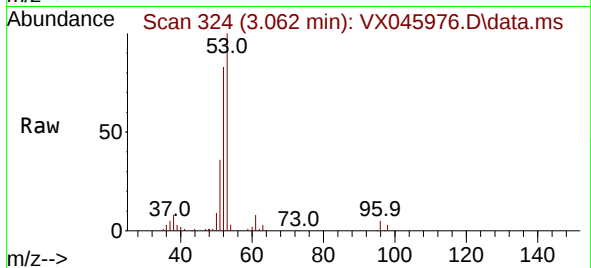
Tgt Ion: 41 Resp: 34613
Ion Ratio Lower Upper
41 100
39 75.3 60.2 90.2
76 30.4 24.6 36.8





#15
Acrylonitrile
Concen: 106.219 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

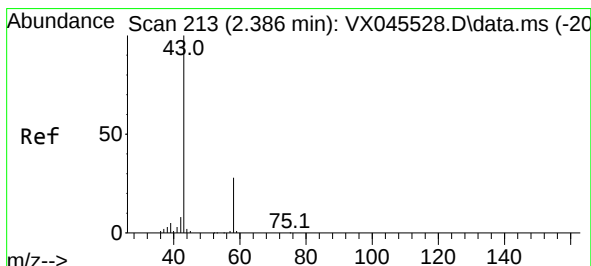
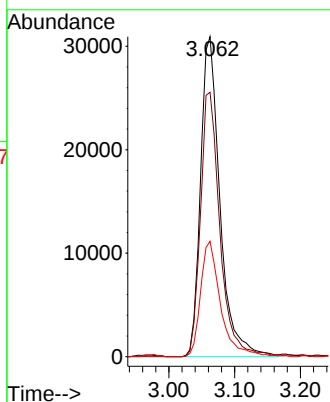
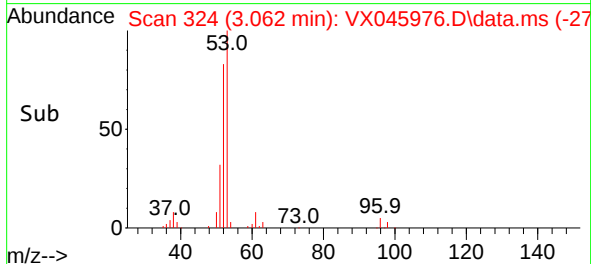
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 53 Resp: 63530
Ion Ratio Lower Upper
53 100
52 82.6 67.4 101.2
51 37.2 29.9 44.9

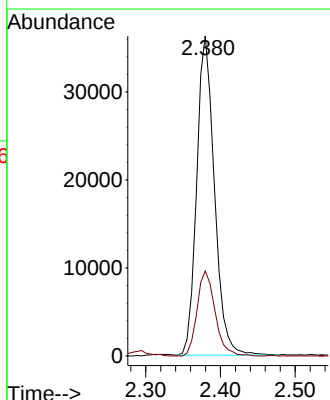
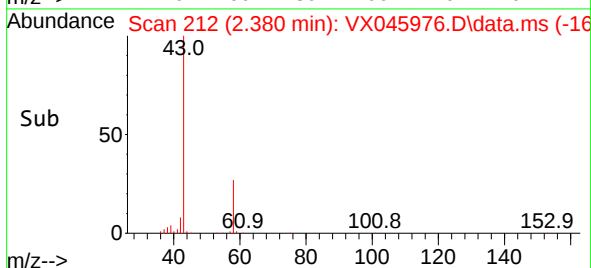
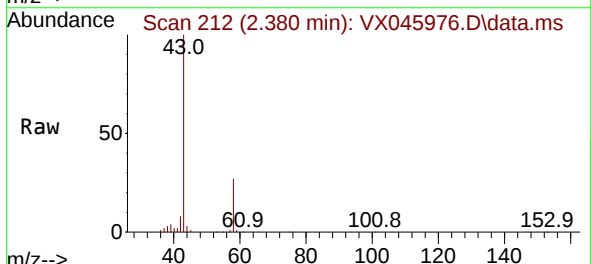
Manual Integrations
APPROVED

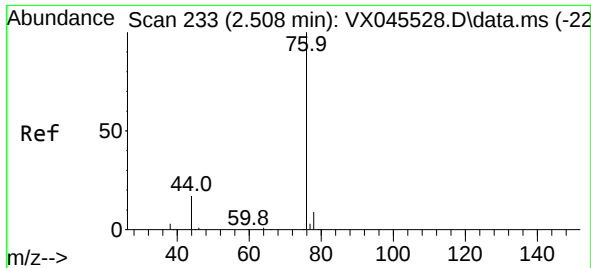
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#16
Acetone
Concen: 103.180 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

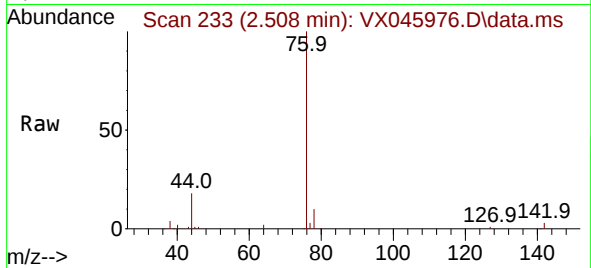
Tgt Ion: 43 Resp: 59734
Ion Ratio Lower Upper
43 100
58 26.6 22.3 33.5





#17
Carbon Disulfide
Concen: 13.441 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

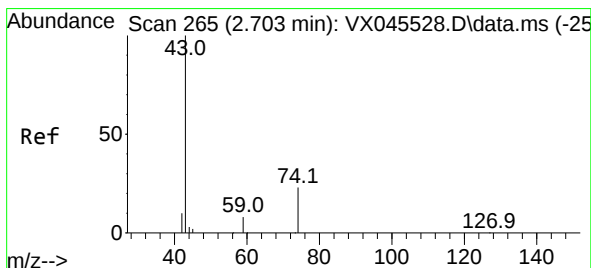
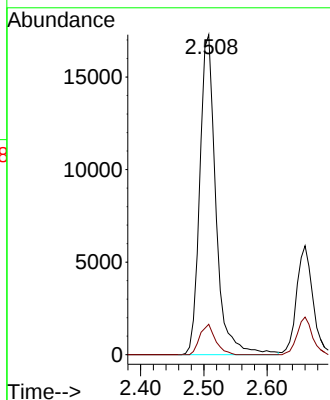
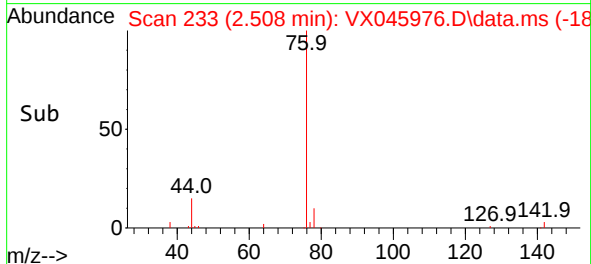
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 76 Resp: 30724
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

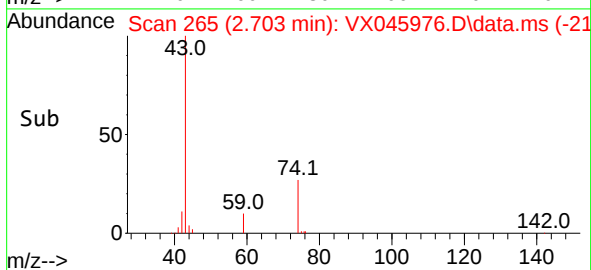
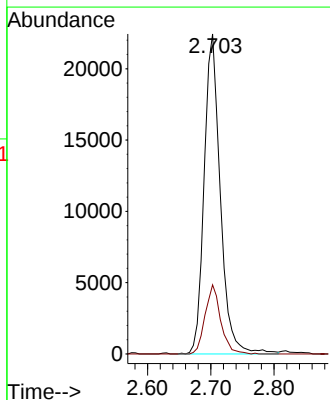
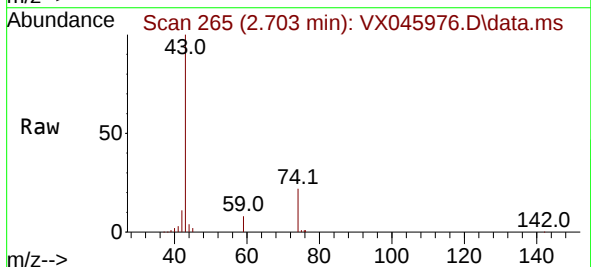
Manual Integrations
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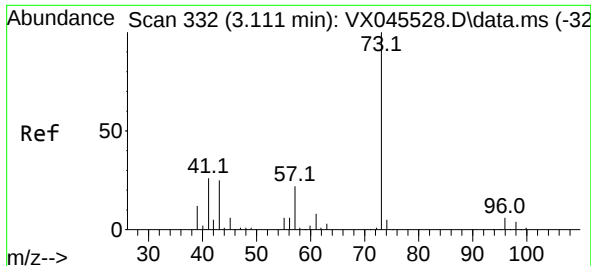
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#18
Methyl Acetate
Concen: 29.973 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion: 43 Resp: 39952
Ion Ratio Lower Upper
43 100
74 20.8 17.5 26.3





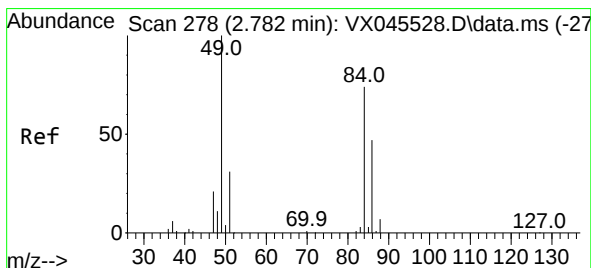
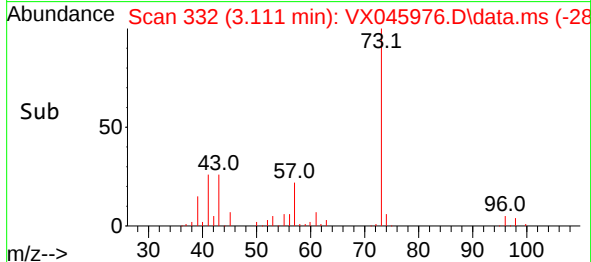
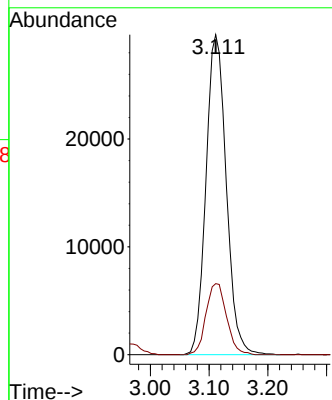
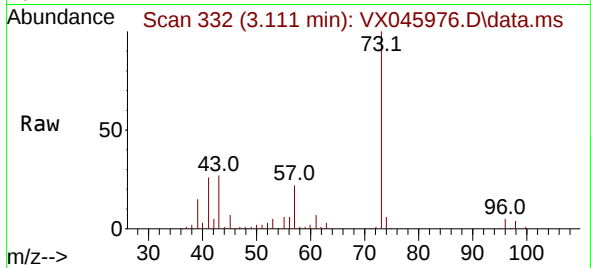
#19
Methyl tert-butyl Ether
Concen: 21.905 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 73 Resp: 7092
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

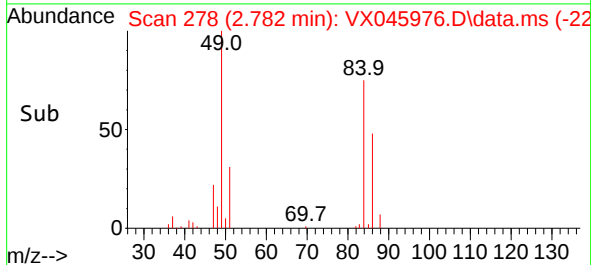
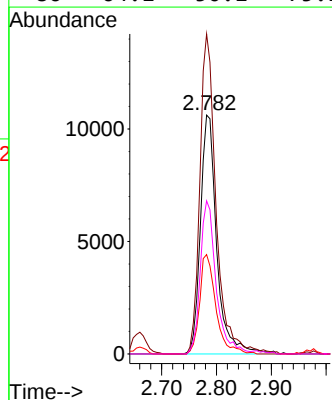
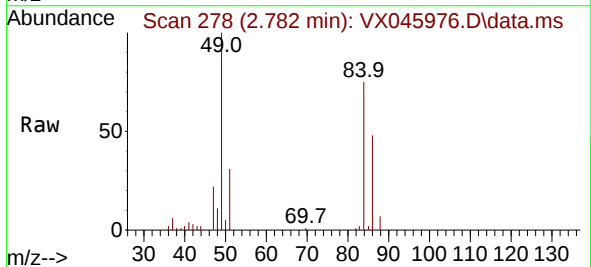
Manual Integrations
APPROVED

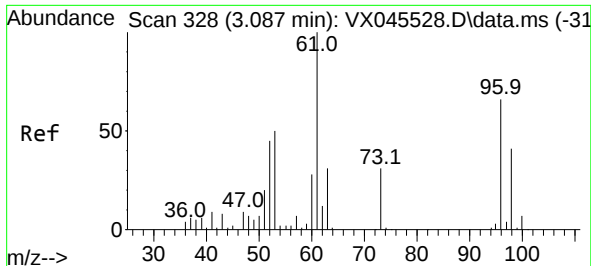
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#20
Methylene Chloride
Concen: 20.359 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

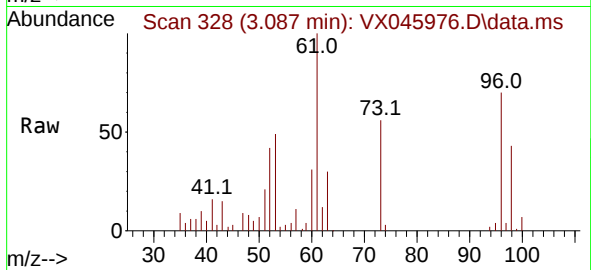
Tgt Ion: 84 Resp: 22066
Ion Ratio Lower Upper
84 100
49 133.9 107.5 161.3
51 41.6 33.0 49.6
86 64.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 18.632 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

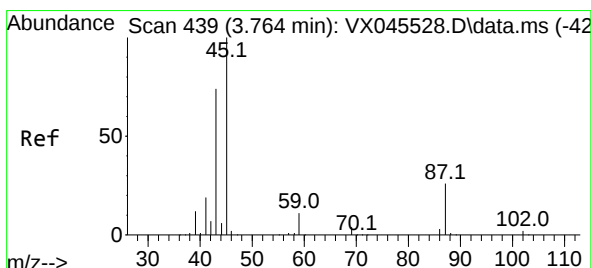
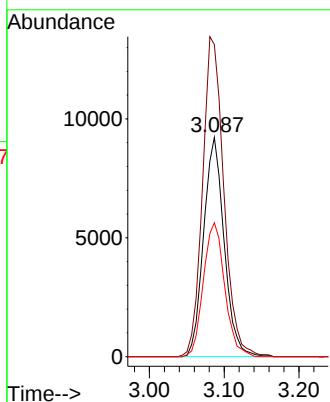
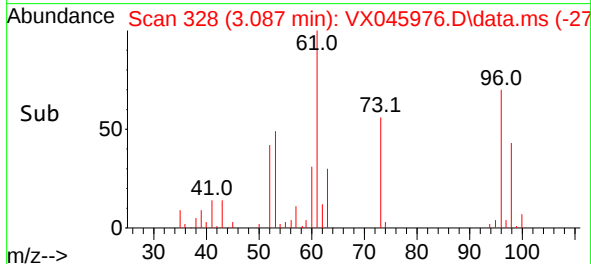
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



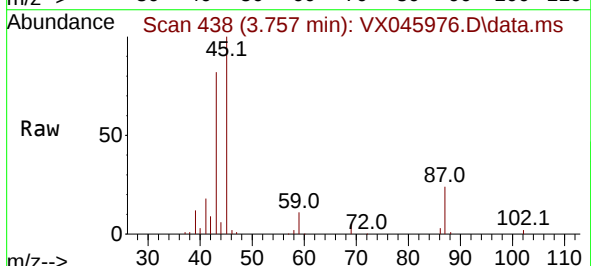
Tgt Ion: 96 Resp: 1761
Ion Ratio Lower Upper
96 100
61 142.3 121.0 181.6
98 61.1 49.7 74.5

Manual Integrations
APPROVED

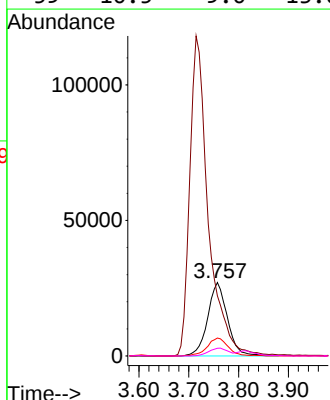
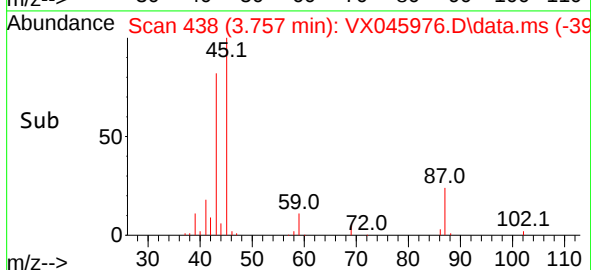
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#22
Diisopropyl ether
Concen: 21.558 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



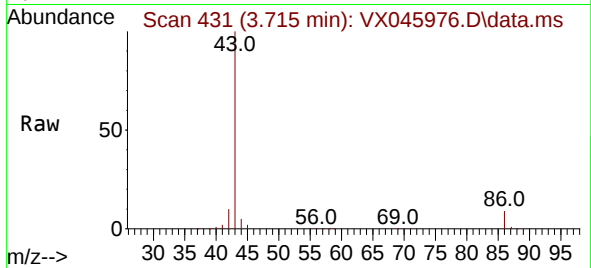
Tgt Ion: 45 Resp: 74574
Ion Ratio Lower Upper
45 100
43 80.4 59.3 88.9
87 24.5 20.4 30.6
59 10.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 102.405 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045976.D
 Acq: 29 Apr 2025 12:49

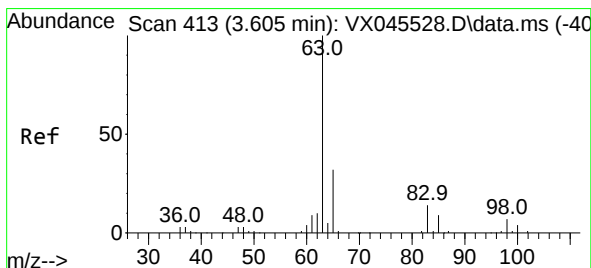
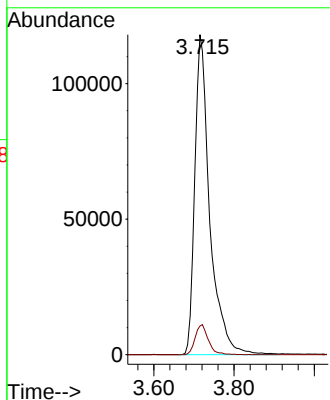
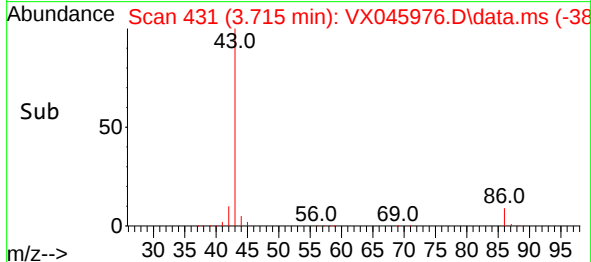
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBSD01



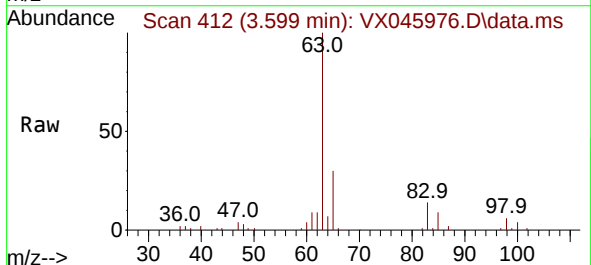
Tgt Ion: 43 Resp: 30606
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.5 11.3

Manual Integrations
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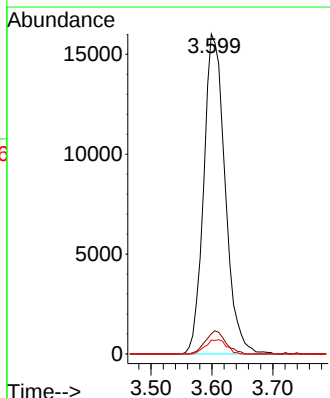
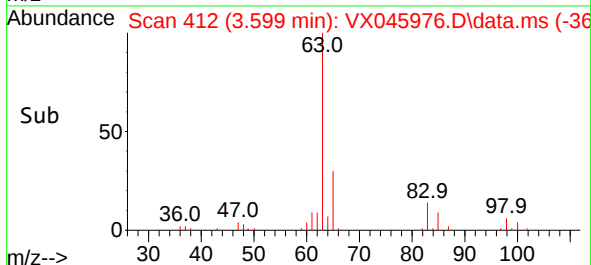
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025

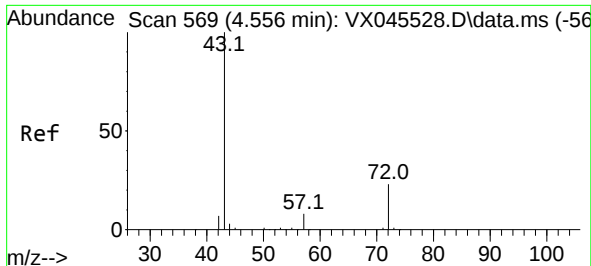


#24
 1,1-Dichloroethane
 Concen: 19.957 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045976.D
 Acq: 29 Apr 2025 12:49



Tgt Ion: 63 Resp: 39043
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.3 2.2 6.6





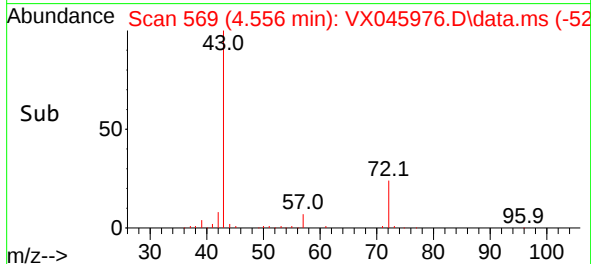
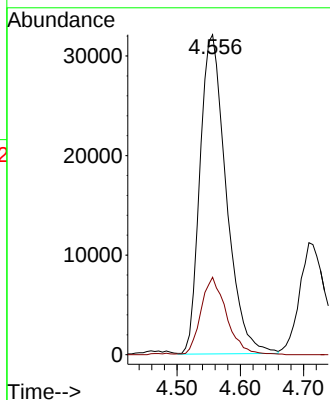
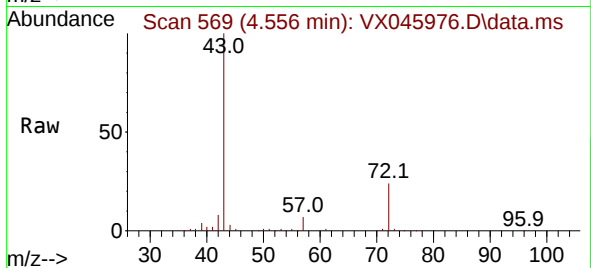
#25
2-Butanone
Concen: 109.219 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 43 Resp: 92550
Ion Ratio Lower Upper
43 100
72 24.1 18.6 28.0

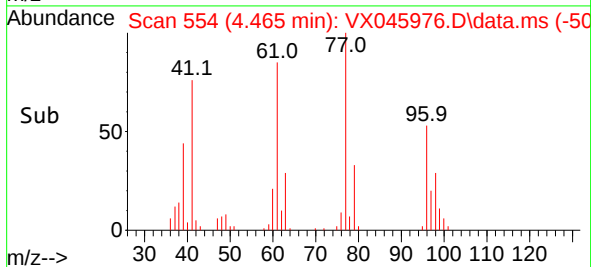
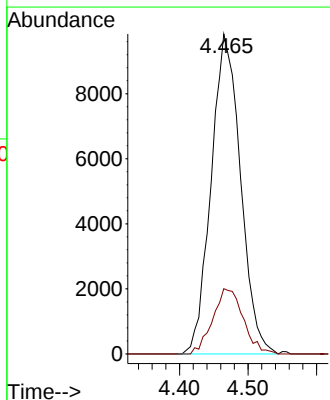
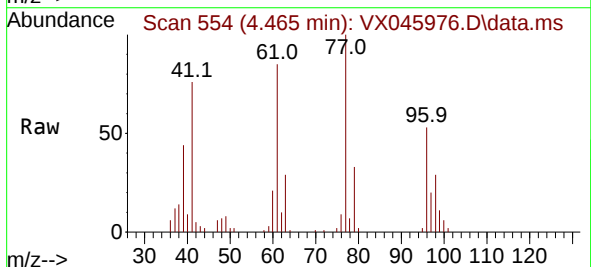
Manual Integrations
APPROVED

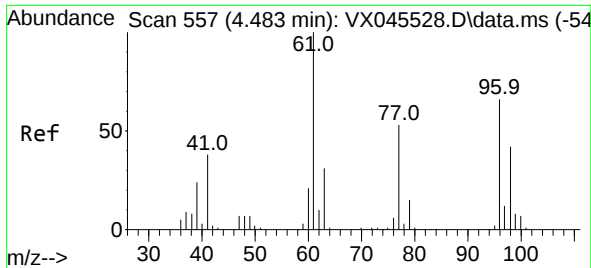
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#26
2,2-Dichloropropane
Concen: 23.154 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

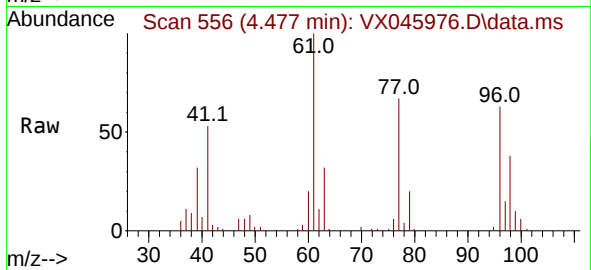
Tgt Ion: 77 Resp: 29266
Ion Ratio Lower Upper
77 100
97 21.1 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.537 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX045976.D
 Acq: 29 Apr 2025 12:49

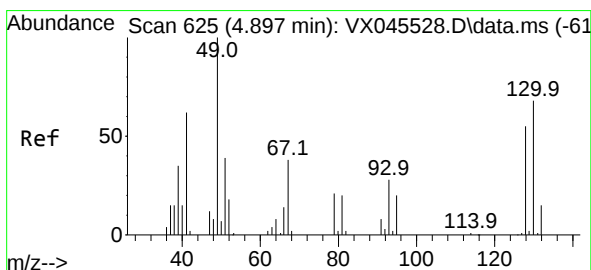
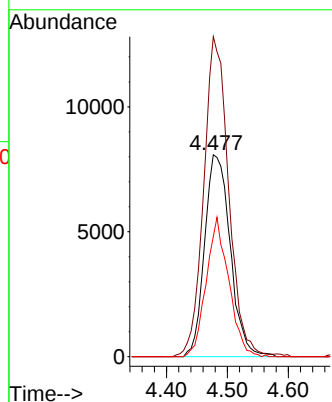
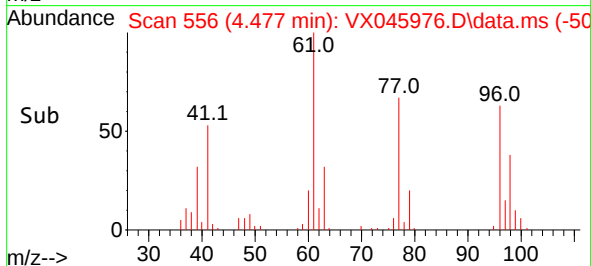
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBSD01



Tgt Ion: 96 Resp: 23658
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 313.2
 98 60.7 0.0 126.4

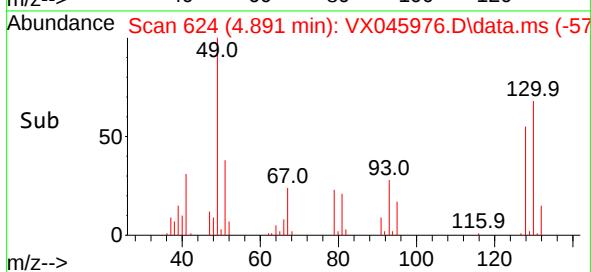
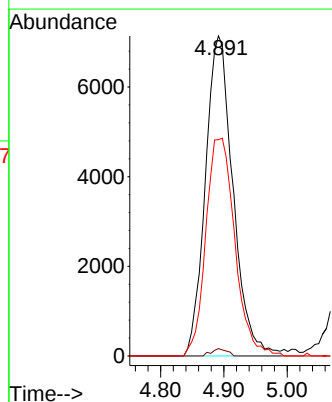
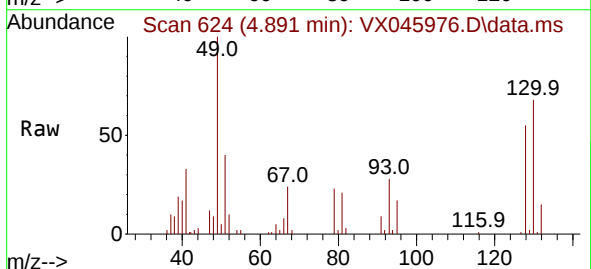
Manual Integrations
 APPROVED

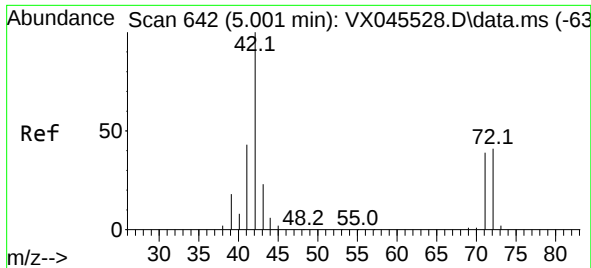
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#28
 Bromochloromethane
 Concen: 22.947 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045976.D
 Acq: 29 Apr 2025 12:49

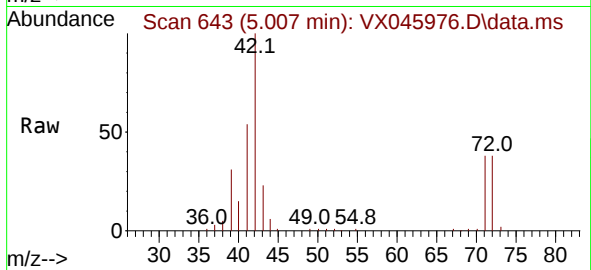
Tgt Ion: 49 Resp: 21694
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 71.4 54.6 81.8





#29
Tetrahydrofuran
Concen: 104.788 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

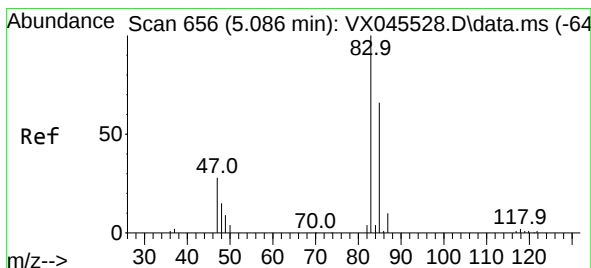
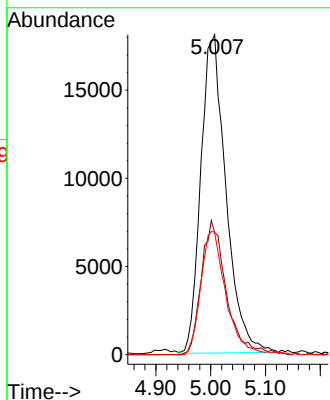
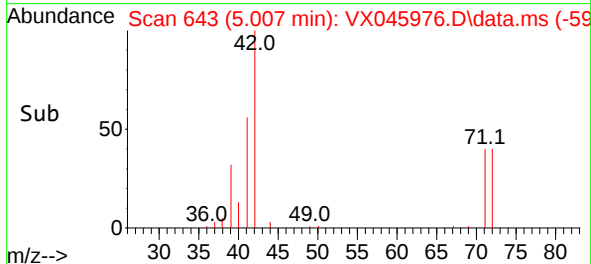
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



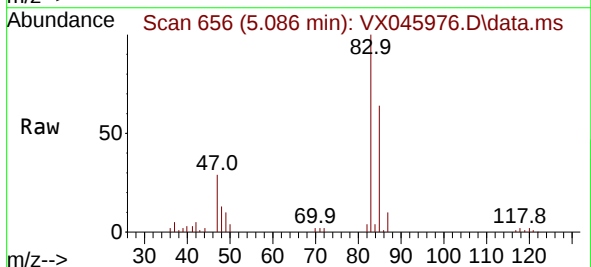
Tgt Ion: 42 Resp: 5757
Ion Ratio Lower Upper
42 100
72 41.8 33.4 50.0
71 38.5 31.4 47.0

Manual Integrations
APPROVED

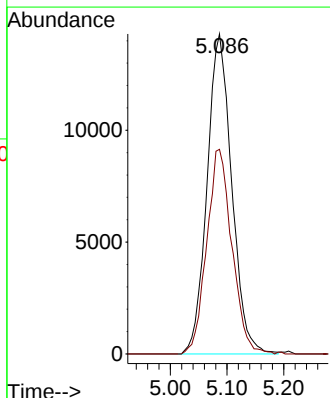
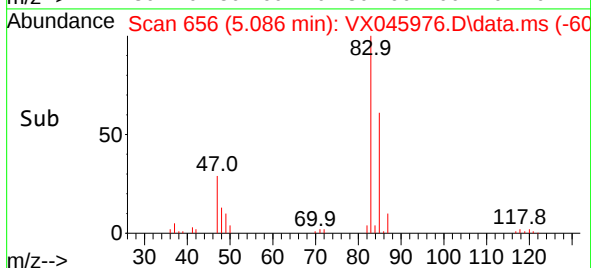
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

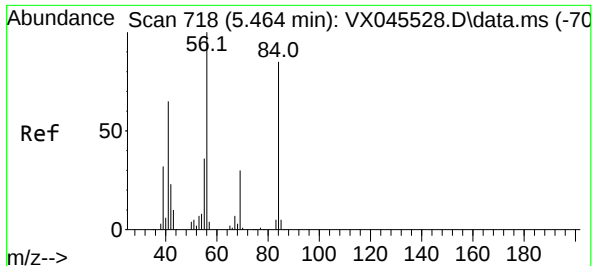


#30
Chloroform
Concen: 21.498 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



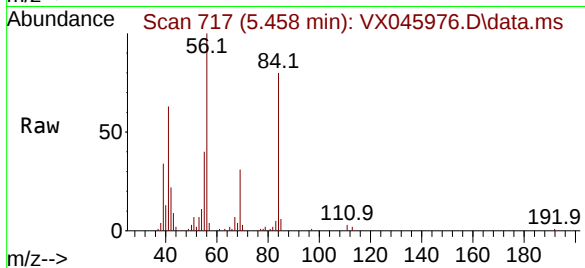
Tgt Ion: 83 Resp: 43275
Ion Ratio Lower Upper
83 100
85 63.9 52.8 79.2





#31
Cyclohexane
Concen: 18.407 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

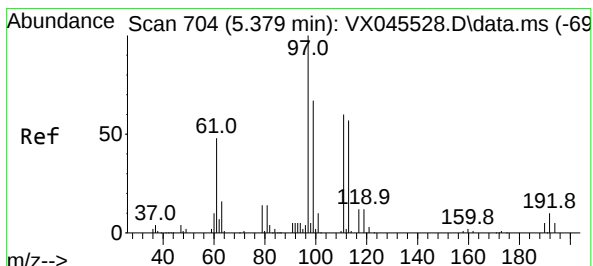
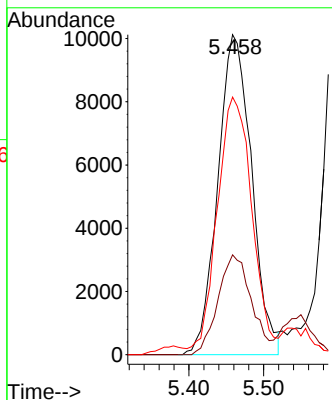
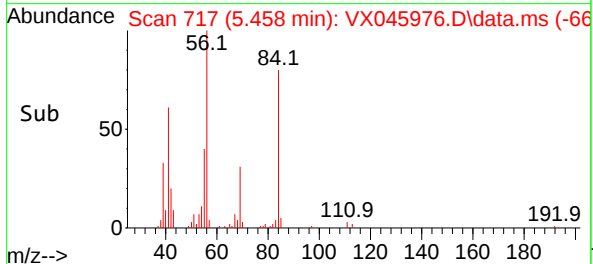
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 56 Resp: 3183
Ion Ratio Lower Upper
56 100
69 31.2 23.6 35.4
84 78.1 67.7 101.5

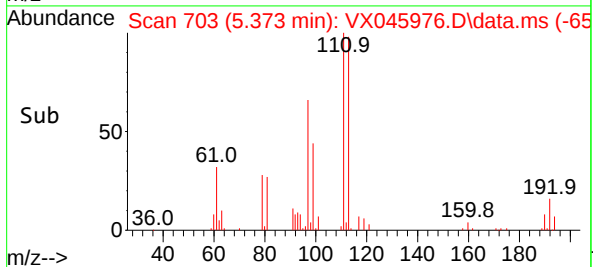
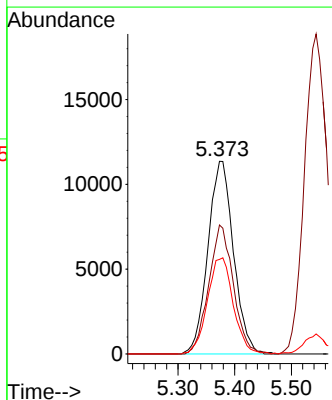
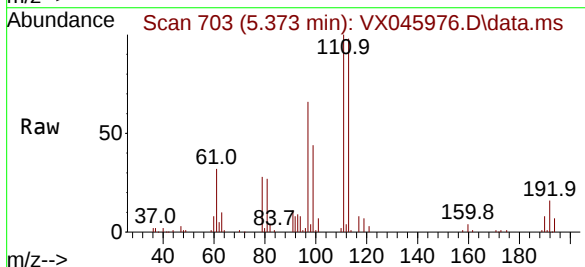
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#32
1,1,1-Trichloroethane
Concen: 20.922 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

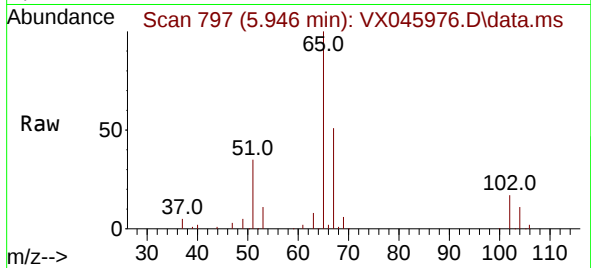
Tgt Ion: 97 Resp: 35637
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 50.4 41.0 61.4





#33
 1,2-Dichloroethane-d4
 Concen: 54.271 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045976.D
 Acq: 29 Apr 2025 12:49

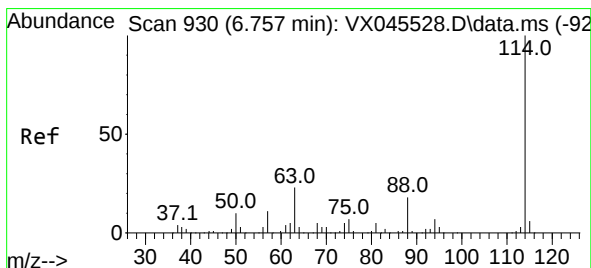
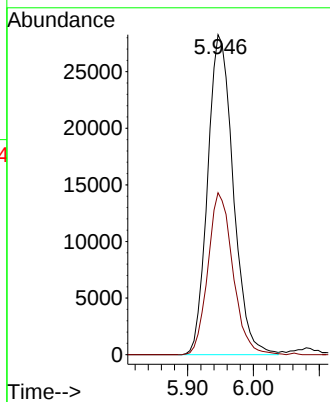
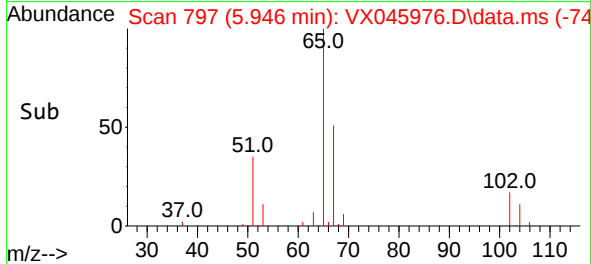
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBSD01



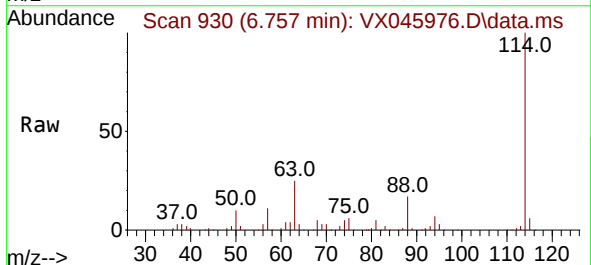
Tgt Ion: 65 Resp: 7651
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0

Manual Integrations
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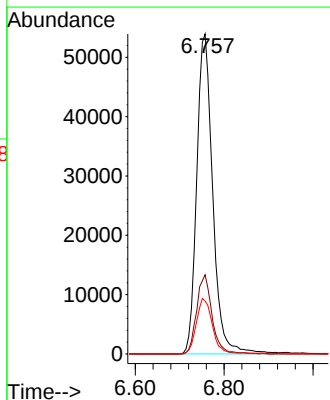
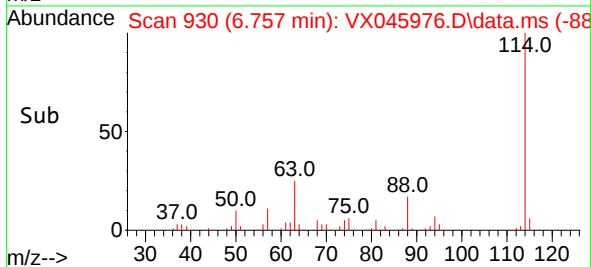
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045976.D
 Acq: 29 Apr 2025 12:49



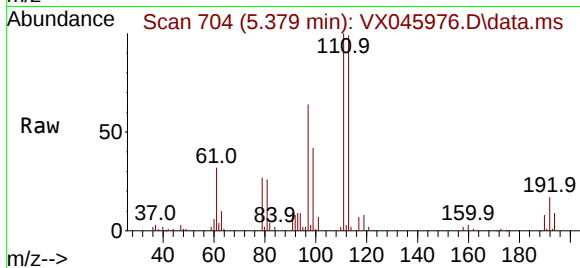
Tgt Ion:114 Resp: 135079
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 46.8
 88 16.5 0.0 35.4





#35
Dibromofluoromethane
Concen: 54.757 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

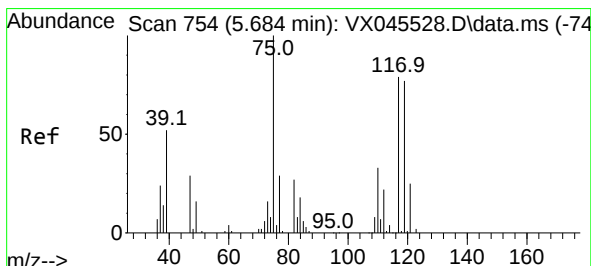
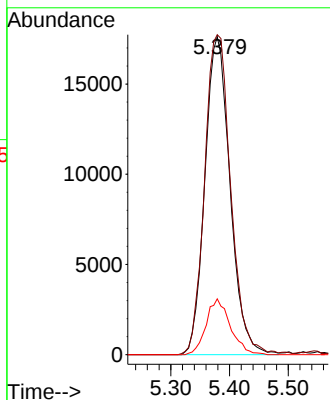
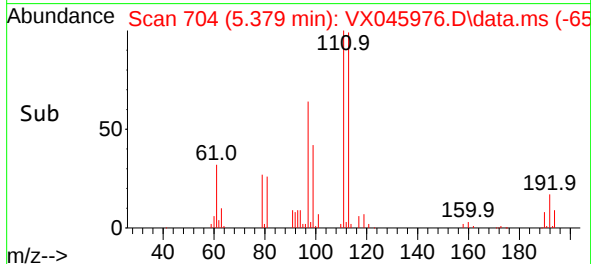
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



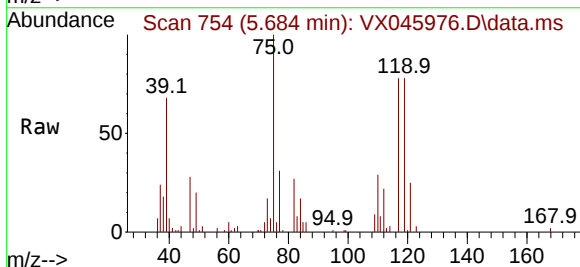
Tgt Ion: 113 Resp: 52478
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.6
192 16.9 13.8 20.6

Manual Integrations
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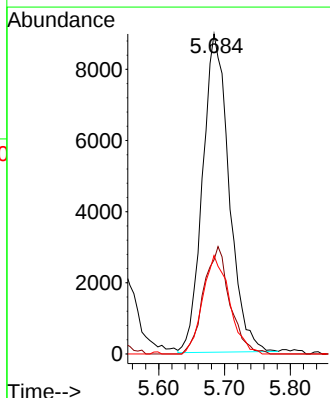
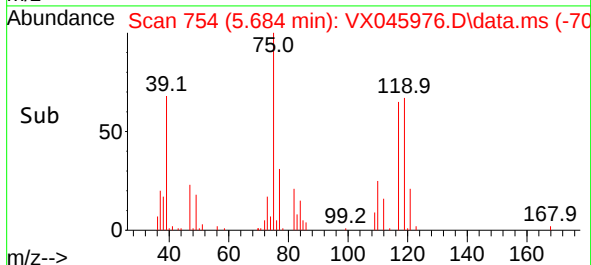
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

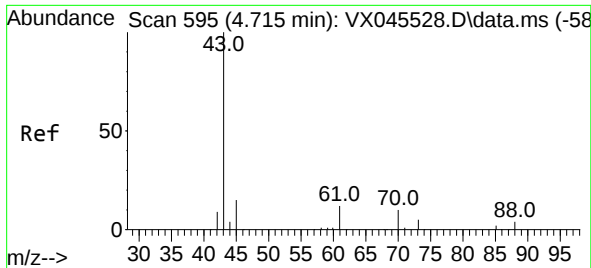


#36
1,1-Dichloropropene
Concen: 19.375 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



Tgt Ion: 75 Resp: 25072
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.6
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 20.187 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBSD01

Tgt Ion: 43 Resp: 32920

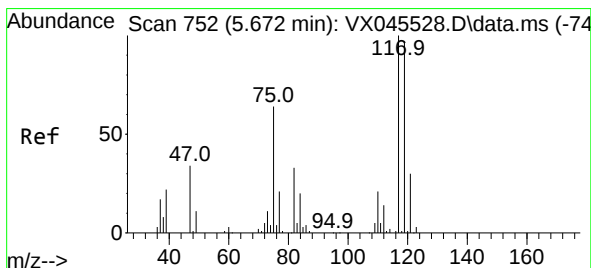
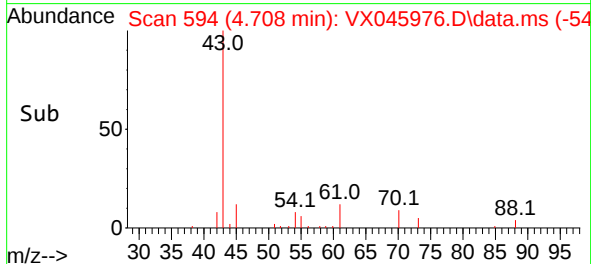
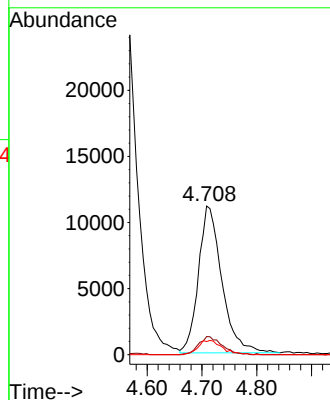
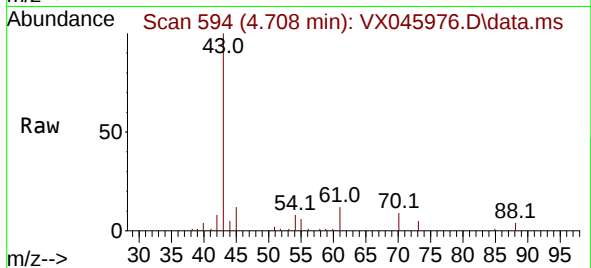
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	10.0	7.5	11.3

Manual Integrations

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Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#38

Carbon Tetrachloride

Concen: 21.237 ug/l

RT: 5.672 min Scan# 752

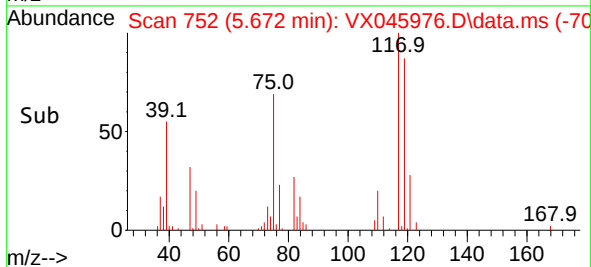
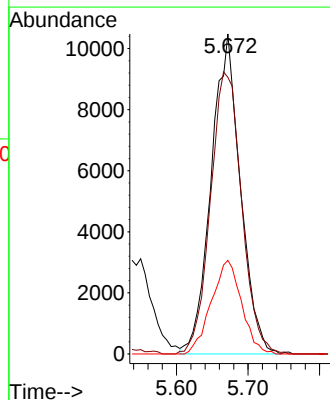
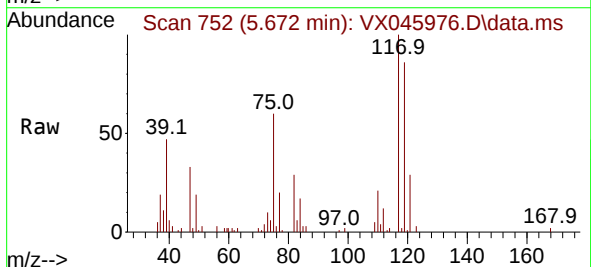
Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Tgt Ion:117 Resp: 29700

Ion	Ratio	Lower	Upper
117	100		
119	86.0	76.9	115.3
121	29.2	24.2	36.2





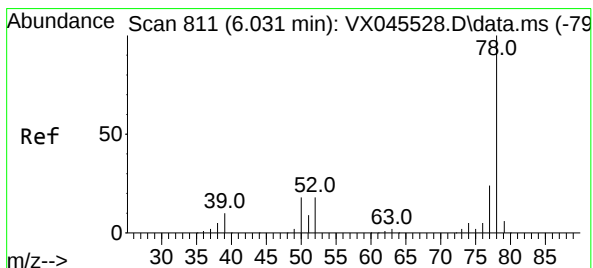
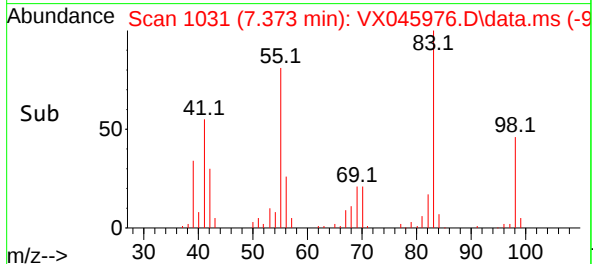
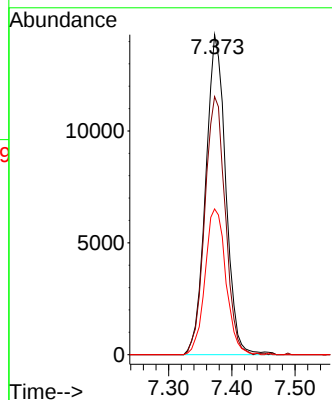
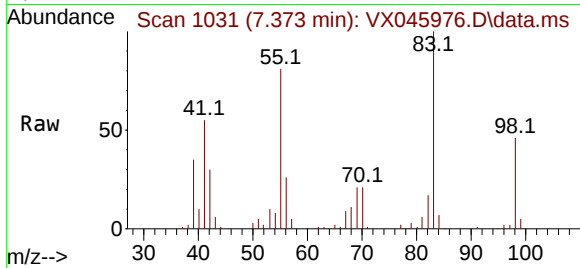
#39
Methylcyclohexane
Concen: 19.921 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 83 Resp: 31598
Ion Ratio Lower Upper
83 100
55 80.6 64.9 97.3
98 45.5 37.4 56.0

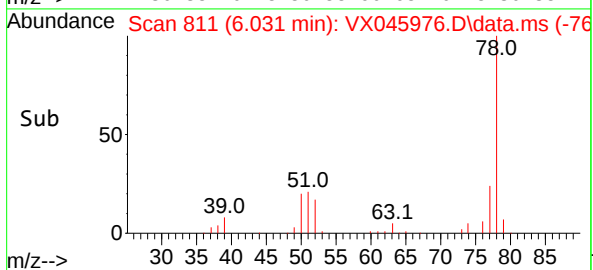
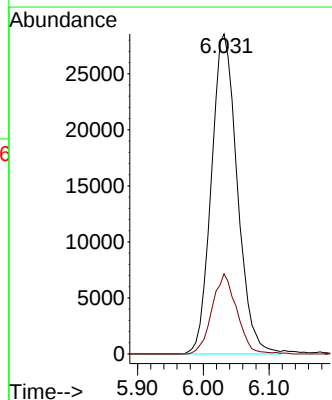
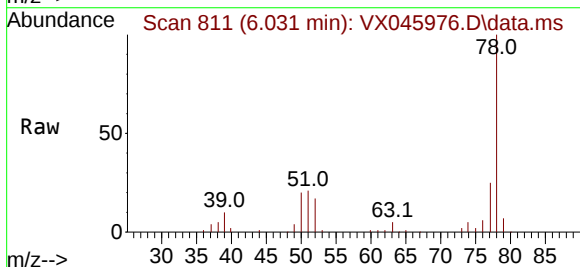
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#40
Benzene
Concen: 19.821 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

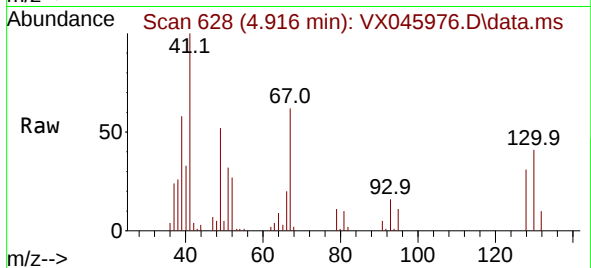
Tgt Ion: 78 Resp: 78335
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.6





#41
Methacrylonitrile
Concen: 22.794 ug/l
RT: 4.916 min Scan# 612
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

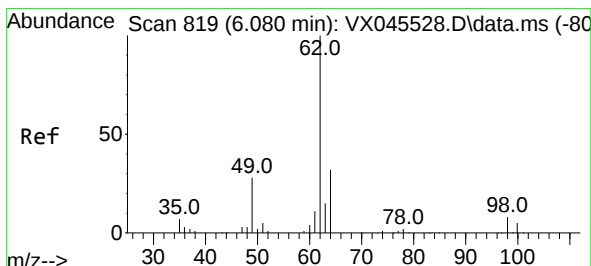
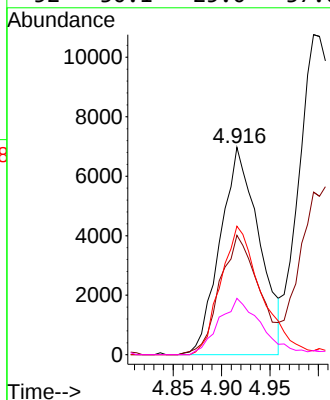
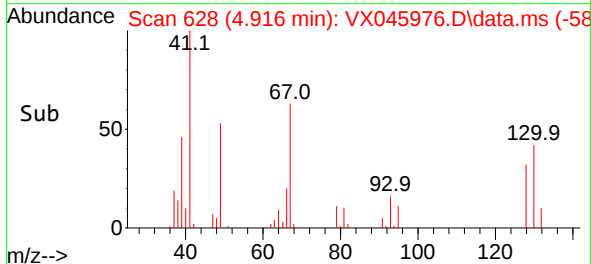
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



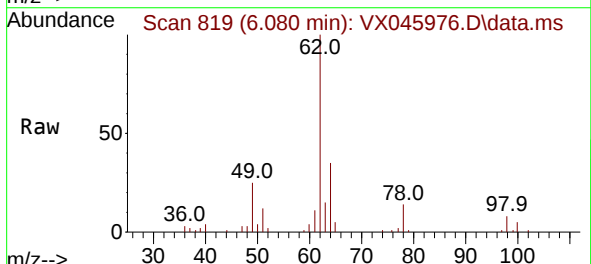
Tgt Ion: 41 Resp: 19612
Ion Ratio Lower Upper
41 100
39 57.9 47.0 70.6
67 64.4 53.2 79.8
52 30.1 25.0 37.6

Manual Integrations
APPROVED

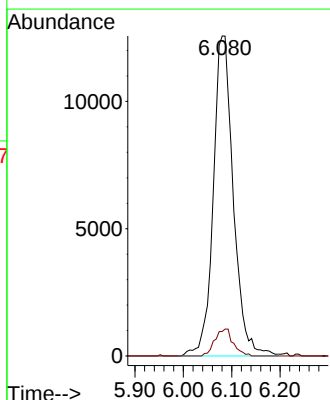
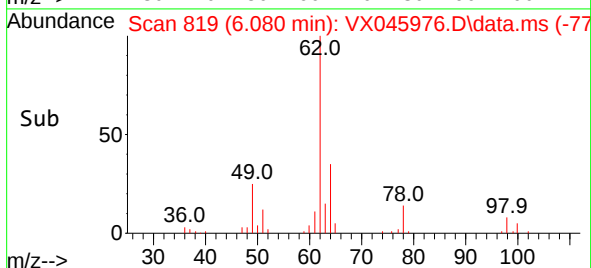
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

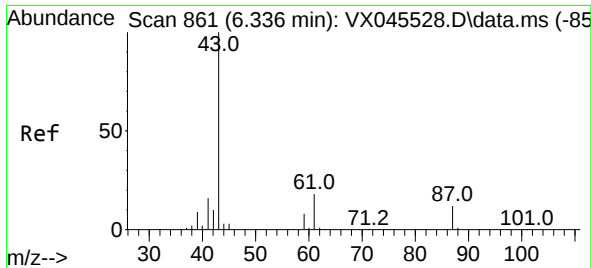


#42
1,2-Dichloroethane
Concen: 22.183 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



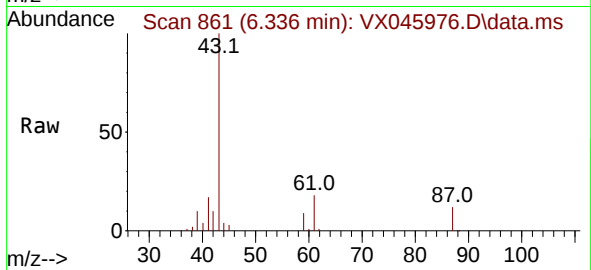
Tgt Ion: 62 Resp: 36209
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43
Isopropyl Acetate
Concen: 21.923 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

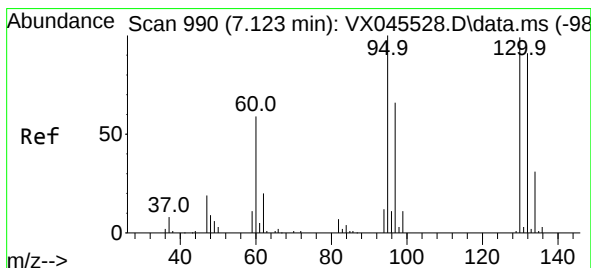
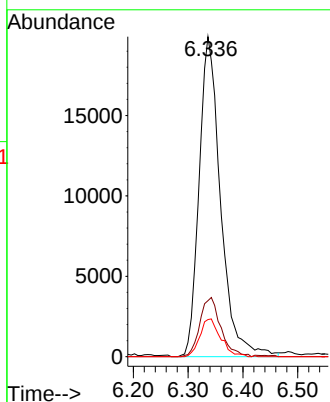
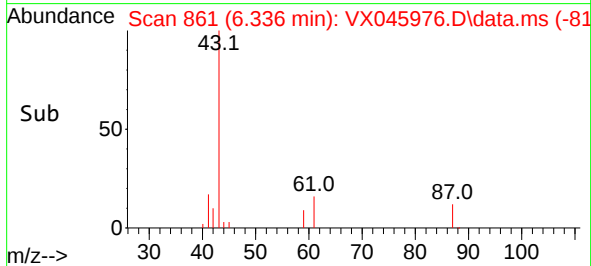
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



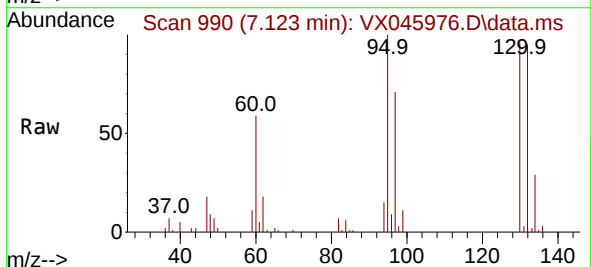
Tgt Ion: 43 Resp: 5418
Ion Ratio Lower Upper
43 100
61 18.0 14.1 21.1
87 11.3 9.2 13.8

Manual Integrations
APPROVED

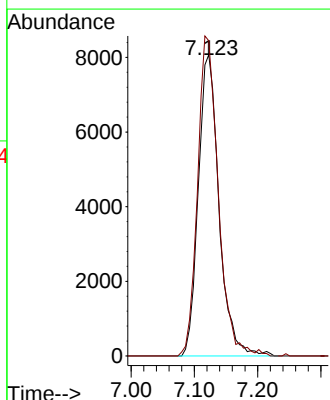
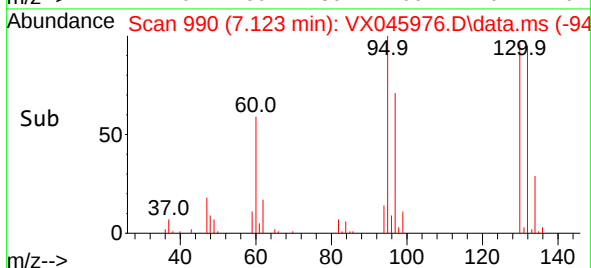
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#44
Trichloroethene
Concen: 19.557 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



Tgt Ion:130 Resp: 18371
Ion Ratio Lower Upper
130 100
95 104.6 0.0 202.0





#45

1,2-Dichloropropane

Concen: 21.719 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBSD01

Tgt Ion: 63 Resp: 21410

Ion Ratio Lower Upper

63 100

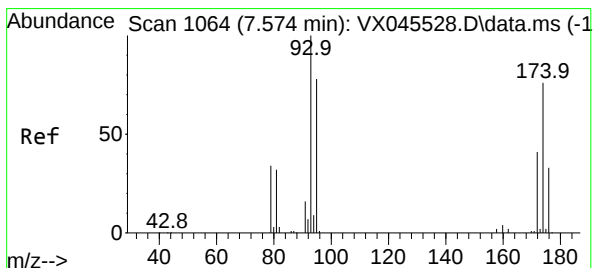
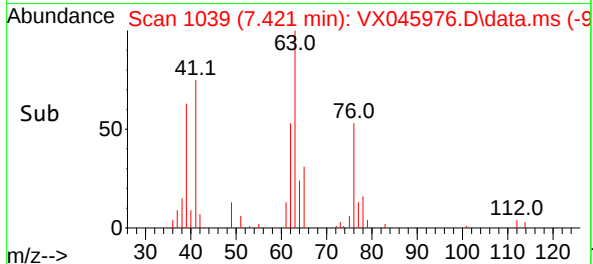
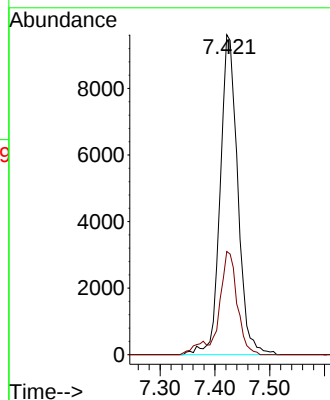
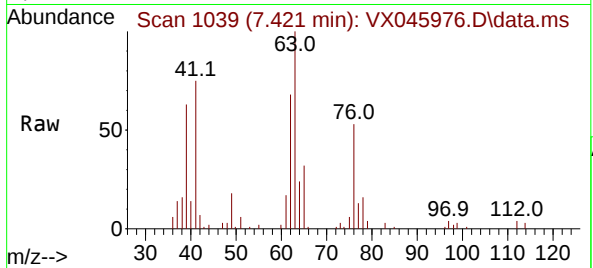
65 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#46

Dibromomethane

Concen: 21.954 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

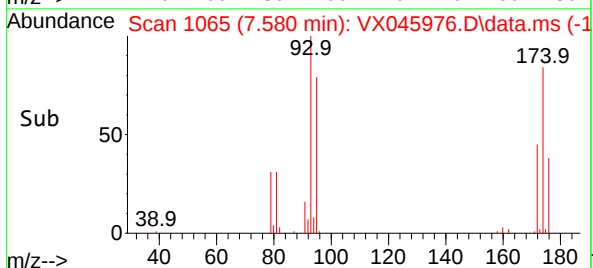
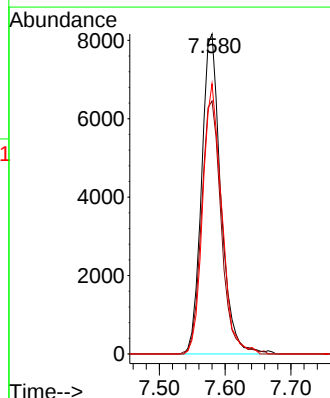
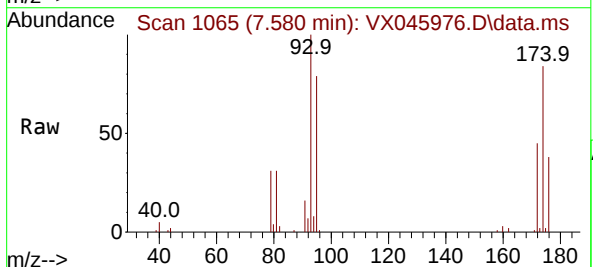
Tgt Ion: 93 Resp: 16618

Ion Ratio Lower Upper

93 100

95 81.4 64.8 97.2

174 83.3 65.4 98.0





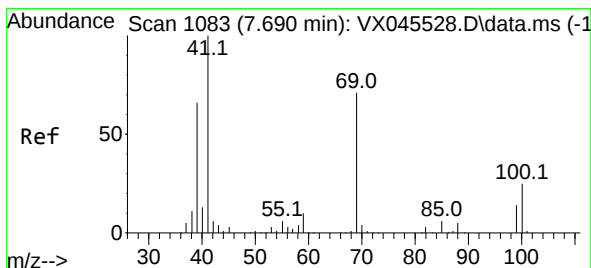
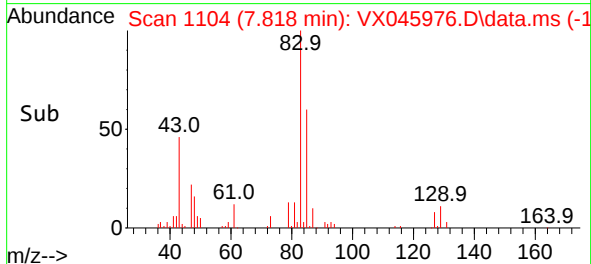
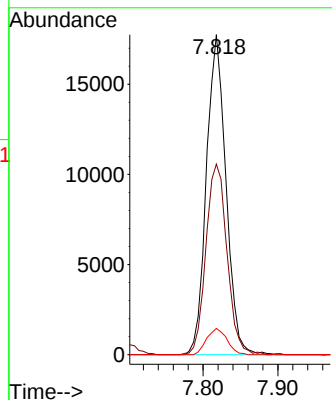
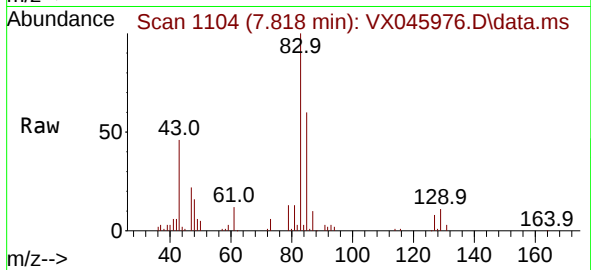
#47
Bromodichloromethane
Concen: 21.368 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 83 Resp: 3230
Ion Ratio Lower Upper
83 100
85 59.6 49.7 74.5
127 8.2 6.1 9.1

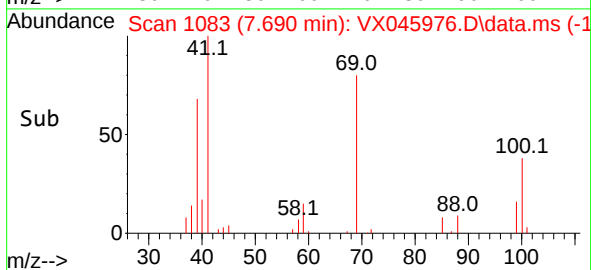
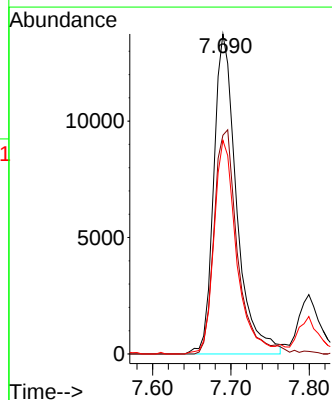
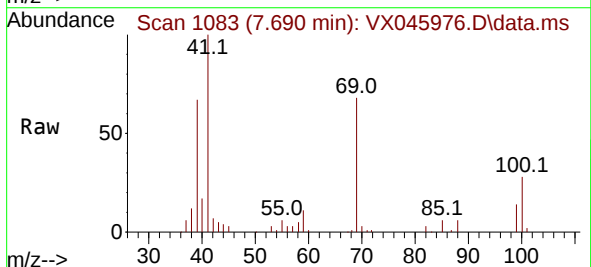
Manual Integrations
APPROVED

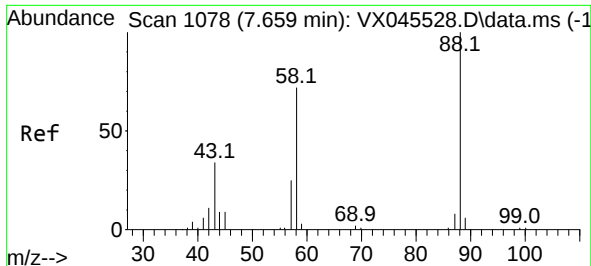
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#48
Methyl methacrylate
Concen: 21.799 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

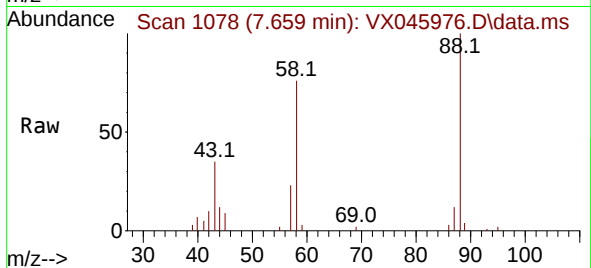
Tgt Ion: 41 Resp: 27818
Ion Ratio Lower Upper
41 100
69 72.6 58.2 87.2
39 66.3 53.6 80.4





#49
1,4-Dioxane
Concen: 439.614 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

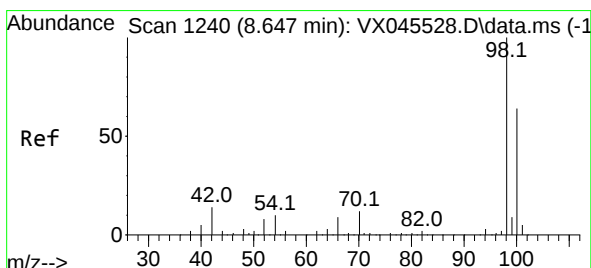
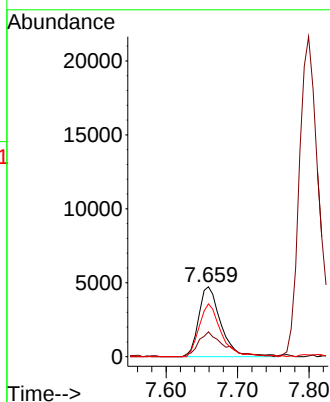
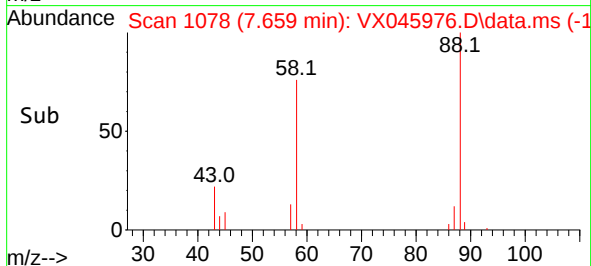
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 88 Resp: 10150
Ion Ratio Lower Upper
88 100
43 41.9 32.2 48.4
58 74.8 58.6 88.0

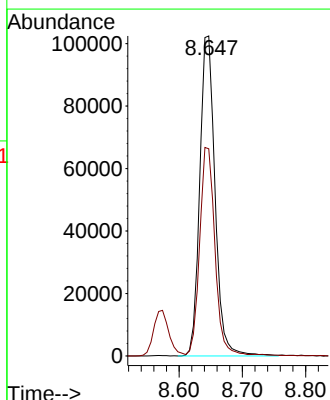
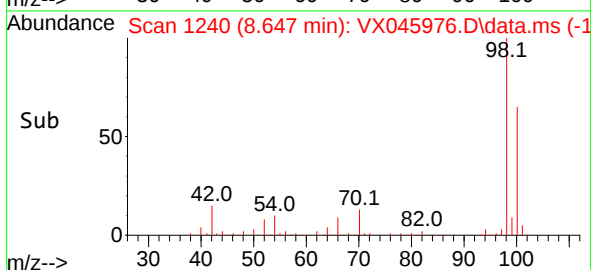
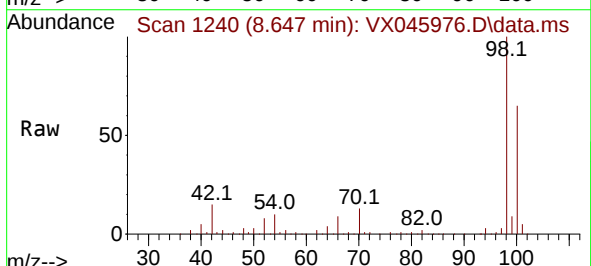
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#50
Toluene-d8
Concen: 51.700 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion: 98 Resp: 172943
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4





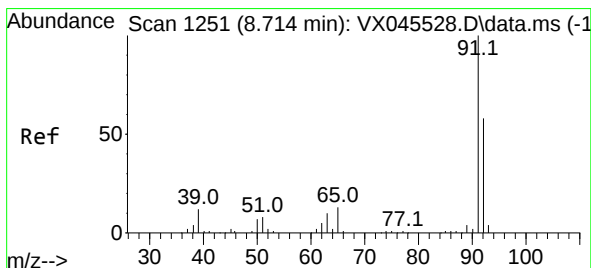
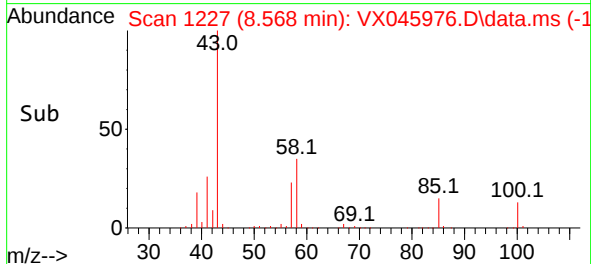
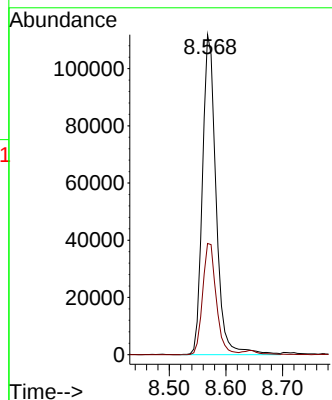
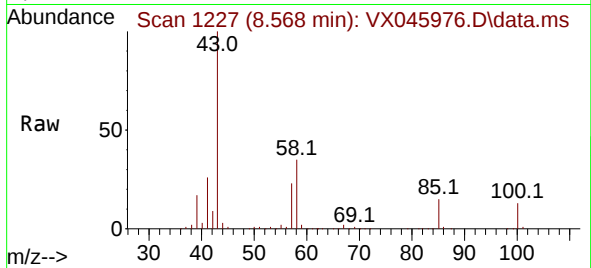
#51
4-Methyl-2-Pentanone
Concen: 114.356 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 43 Resp: 187368
Ion Ratio Lower Upper
43 100
58 34.6 28.5 42.7

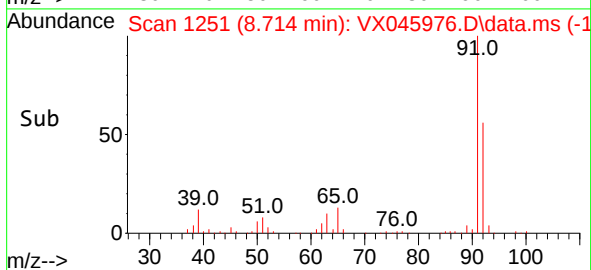
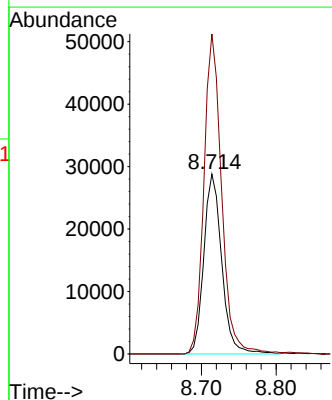
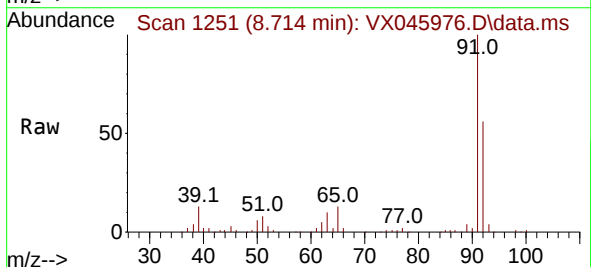
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#52
Toluene
Concen: 20.076 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

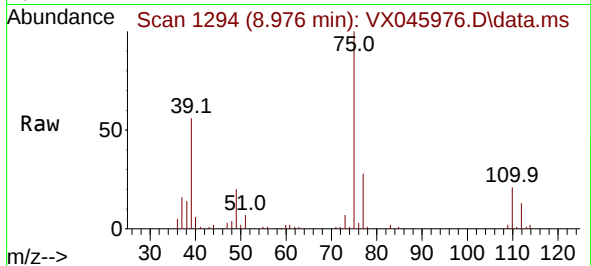
Tgt Ion: 92 Resp: 48009
Ion Ratio Lower Upper
92 100
91 175.8 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 20.260 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

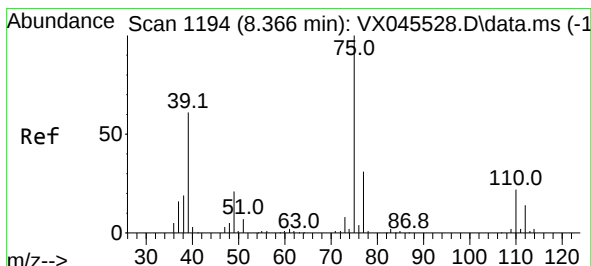
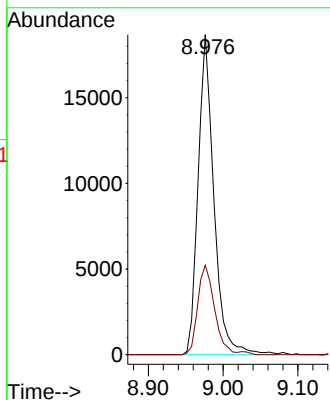
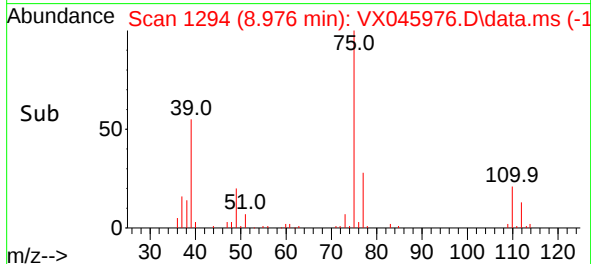
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 75 Resp: 27378
Ion Ratio Lower Upper
75 100
77 28.0 25.4 38.0

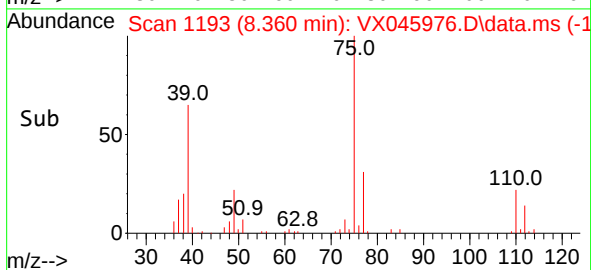
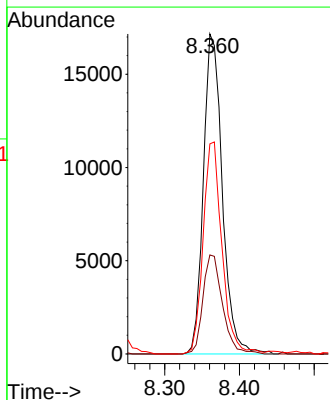
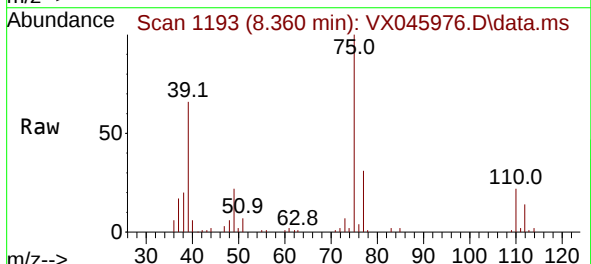
Manual Integrations
APPROVED

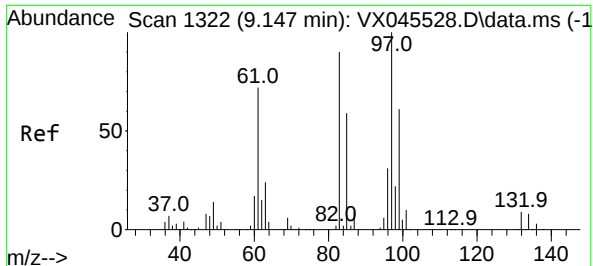
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#54
cis-1,3-Dichloropropene
Concen: 21.280 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion: 75 Resp: 30230
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8
39 65.7 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 21.587 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBSD01

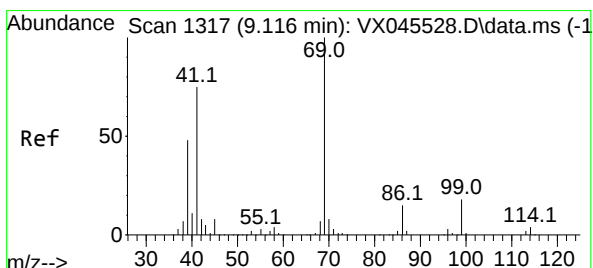
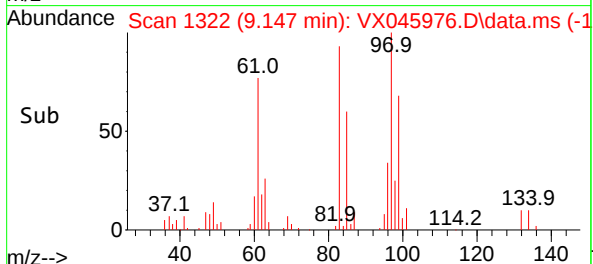
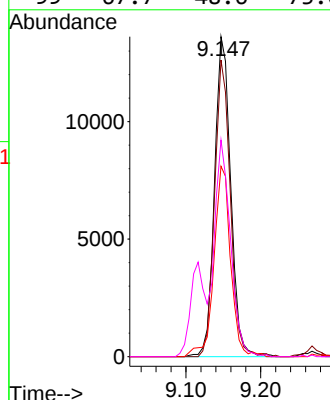
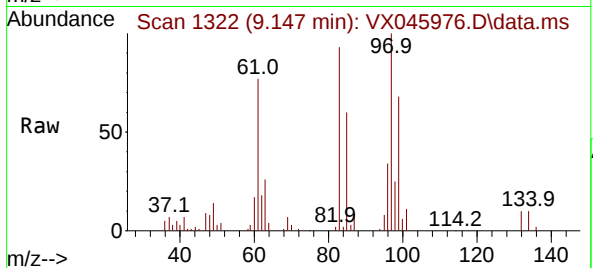
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.7	71.8	107.8
85	59.5	47.0	70.6
99	67.7	48.6	73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#56

Ethyl methacrylate

Concen: 21.964 ug/l

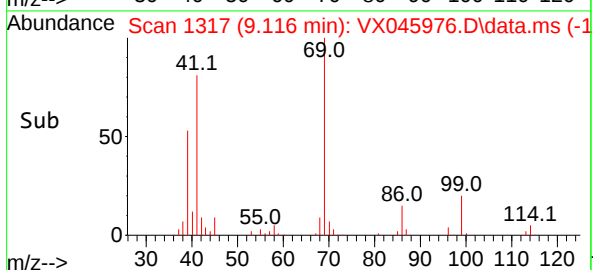
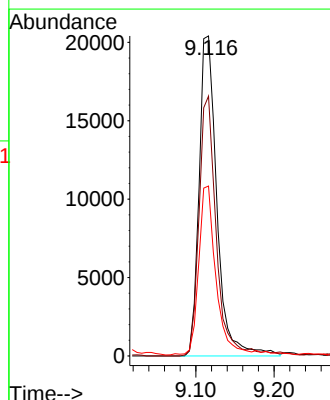
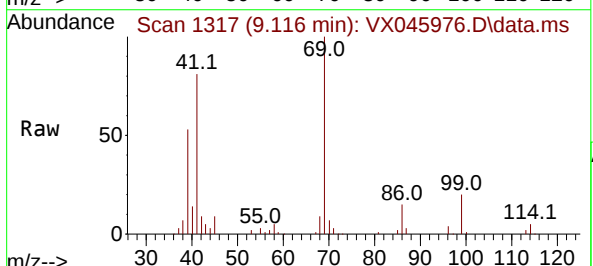
RT: 9.116 min Scan# 1317

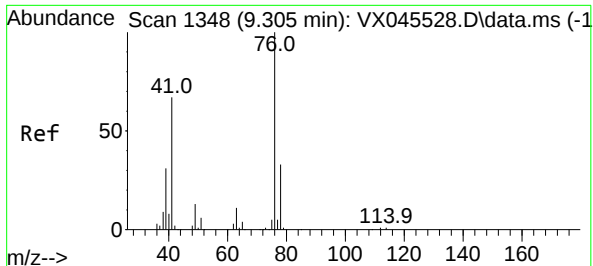
Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	79.6	61.3	91.9
39	50.7	40.2	60.2





#57

1,3-Dichloropropane

Concen: 22.275 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBSD01

Tgt Ion: 76 Resp: 36964

Ion Ratio Lower Upper

76 100

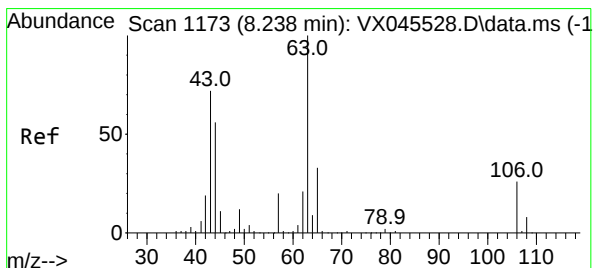
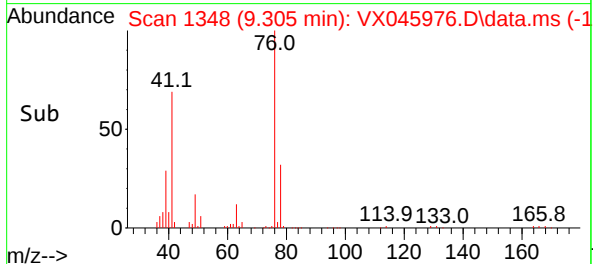
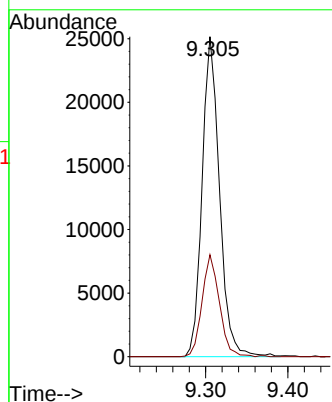
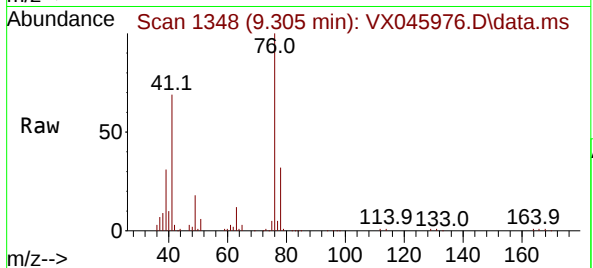
78 31.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 115.101 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045976.D

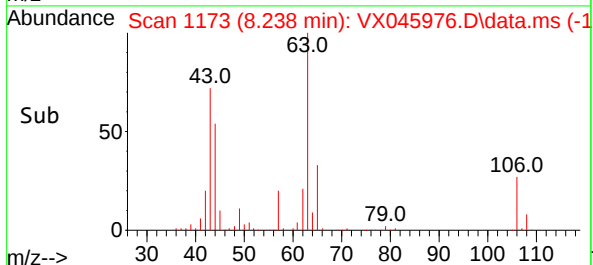
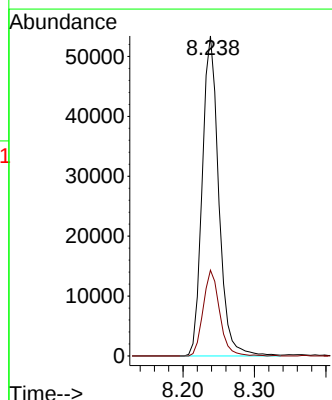
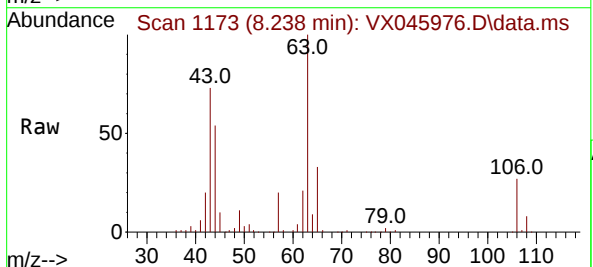
Acq: 29 Apr 2025 12:49

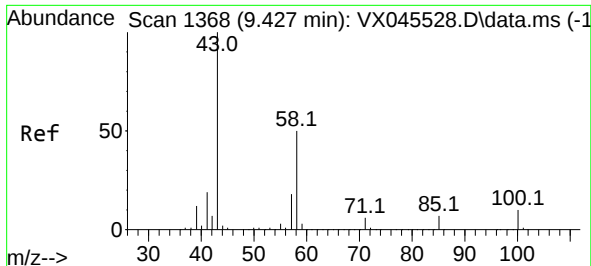
Tgt Ion: 63 Resp: 85871

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6





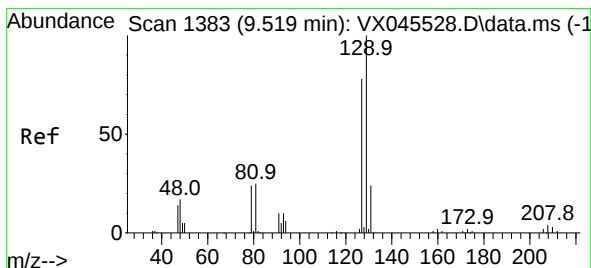
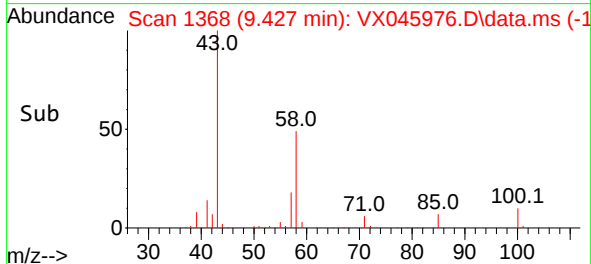
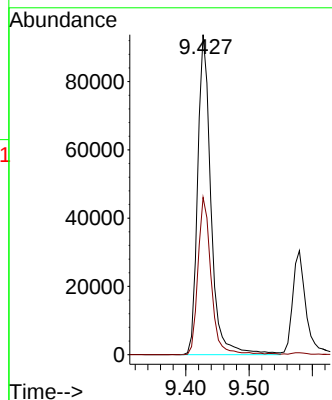
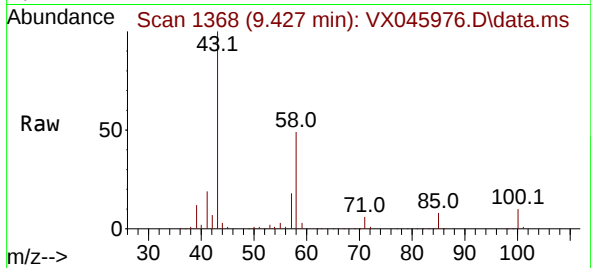
#59
2-Hexanone
Concen: 113.371 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 43 Resp: 13755
Ion Ratio Lower Upper
43 100
58 48.5 24.9 74.6

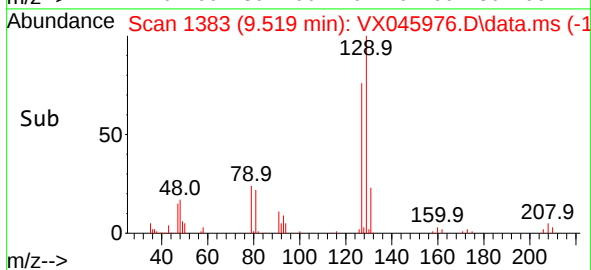
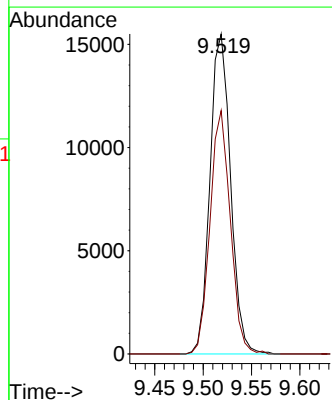
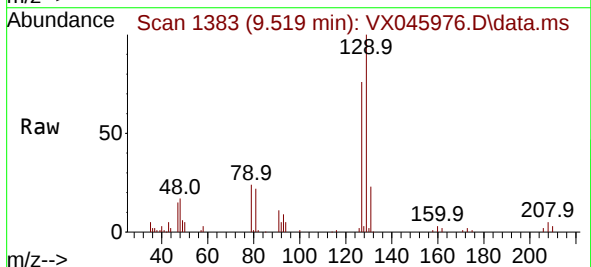
Manual Integrations
APPROVED

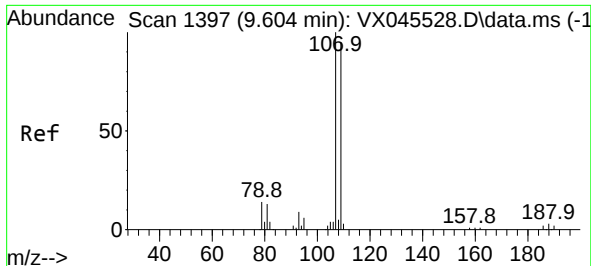
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#60
Dibromochloromethane
Concen: 22.077 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

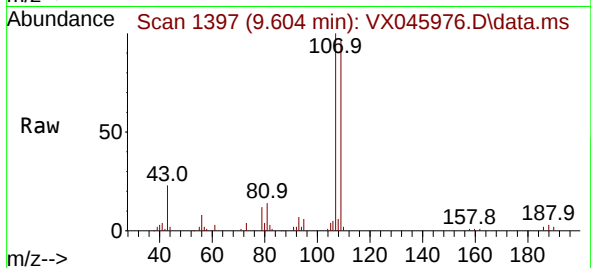
Tgt Ion:129 Resp: 22935
Ion Ratio Lower Upper
129 100
127 74.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 22.091 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

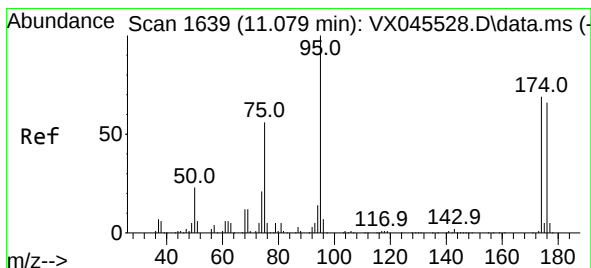
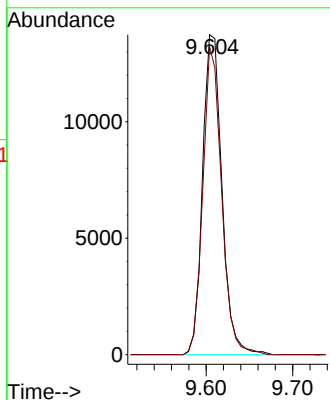
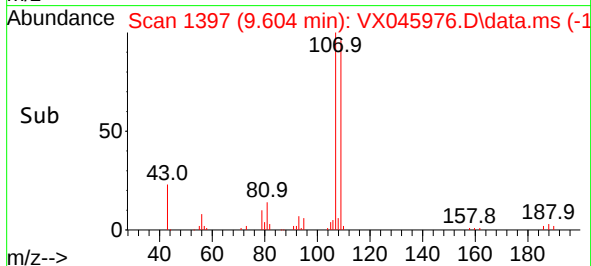
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



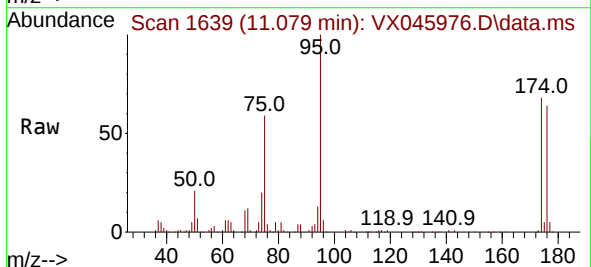
Tgt Ion:107 Resp: 21310
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

Manual Integrations
APPROVED

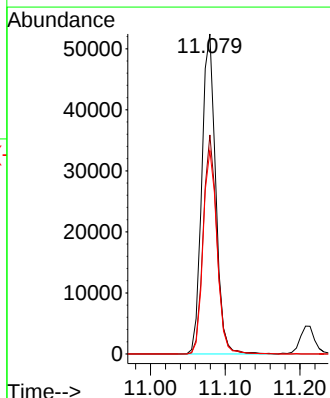
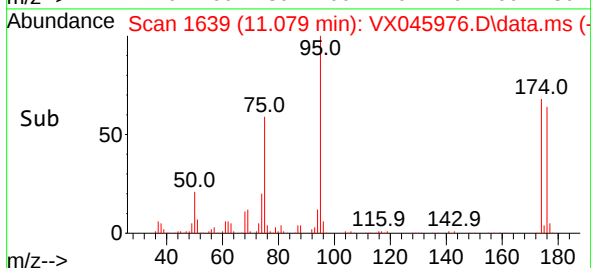
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#62
4-Bromofluorobenzene
Concen: 55.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



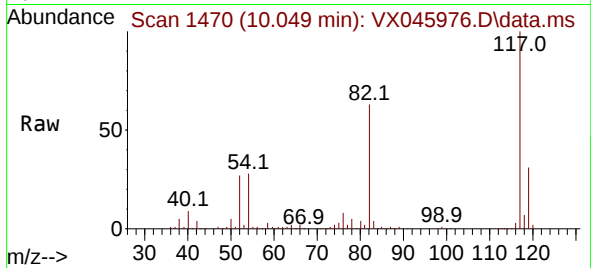
Tgt Ion: 95 Resp: 67496
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 63.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

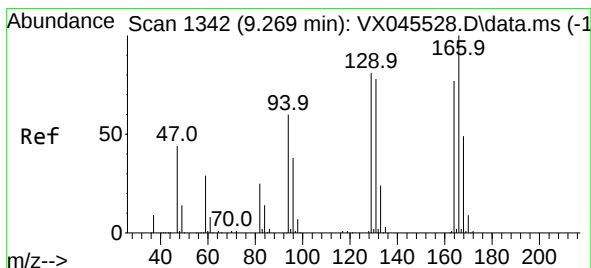
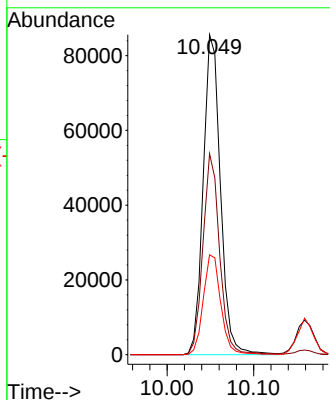
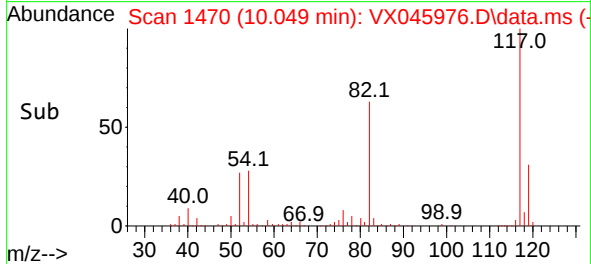
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion:117 Resp: 118384
Ion Ratio Lower Upper
117 100
82 62.8 49.2 73.8
119 31.2 25.1 37.7

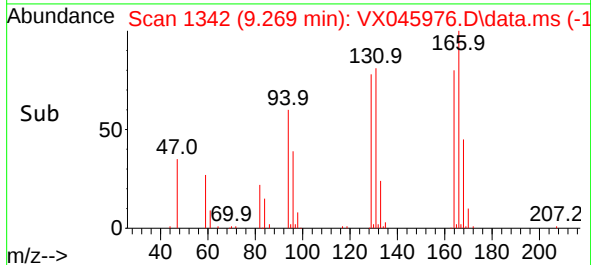
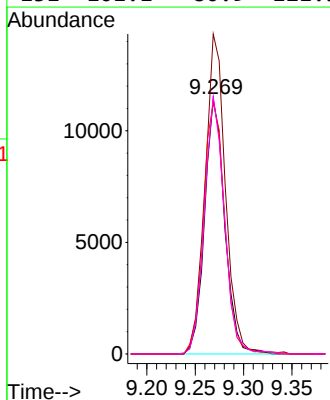
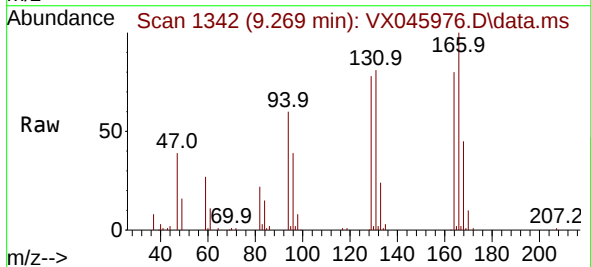
Manual Integrations
APPROVED

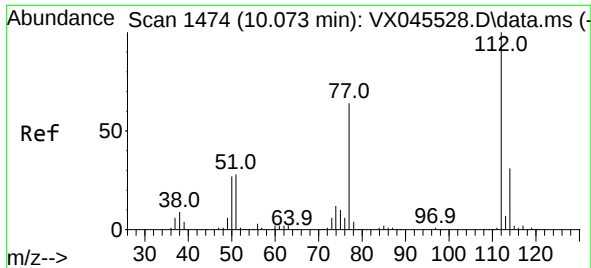
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#64
Tetrachloroethene
Concen: 19.715 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

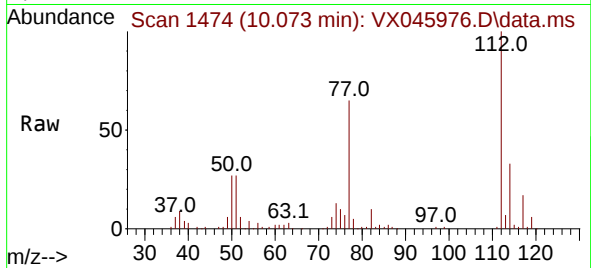
Tgt Ion:164 Resp: 16478
Ion Ratio Lower Upper
164 100
166 125.5 103.8 155.8
129 98.4 84.3 126.5
131 101.1 80.9 121.3





#65
Chlorobenzene
Concen: 21.464 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

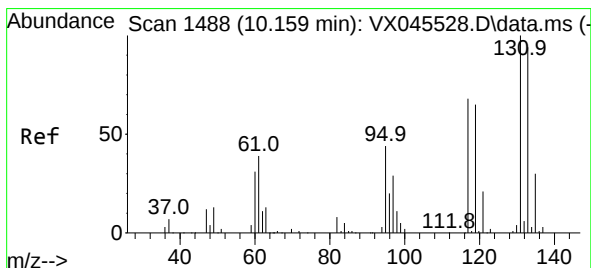
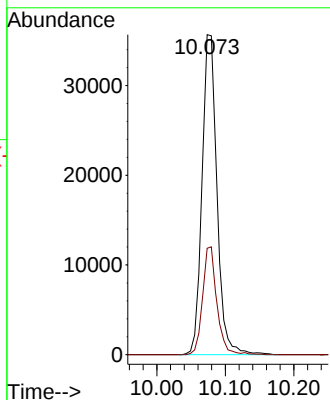
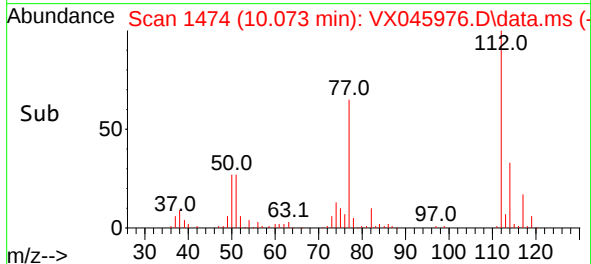
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



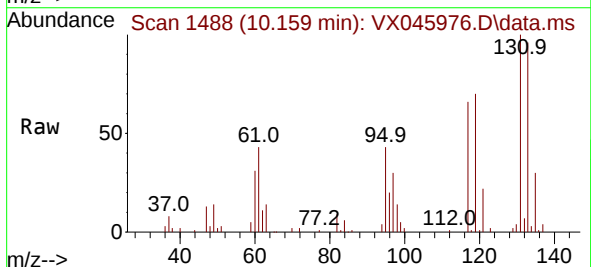
Tgt Ion:112 Resp: 54290
Ion Ratio Lower Upper
112 100
114 33.2 24.7 37.1

Manual Integrations
APPROVED

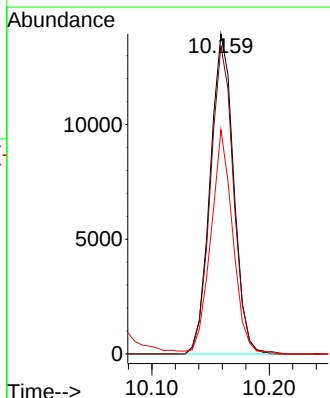
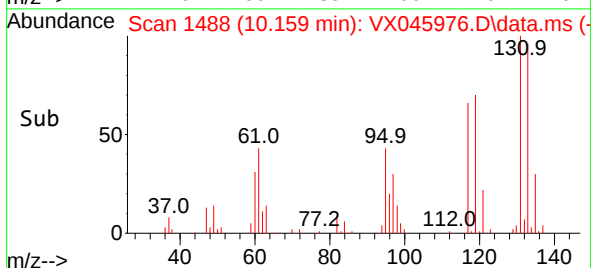
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

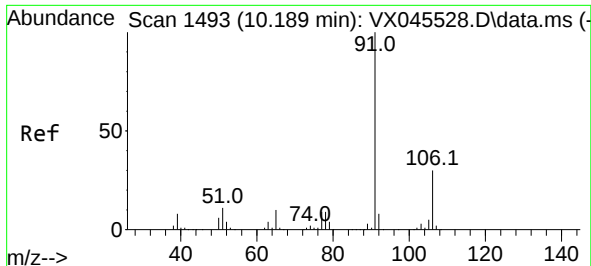


#66
1,1,1,2-Tetrachloroethane
Concen: 22.019 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



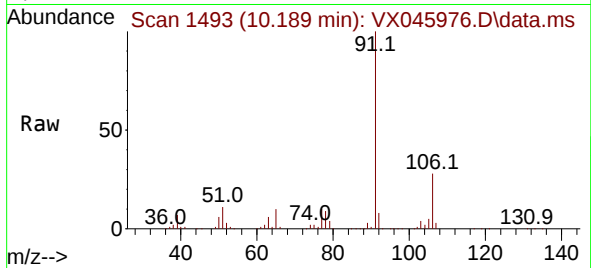
Tgt Ion:131 Resp: 19338
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 65.5 32.9 98.6





#67
Ethyl Benzene
Concen: 21.209 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

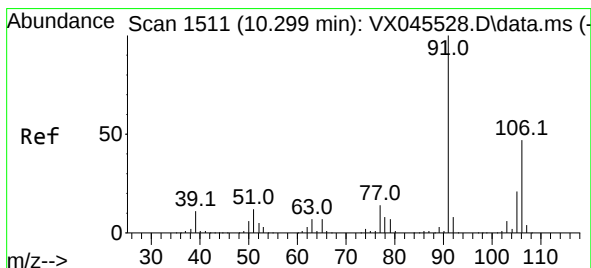
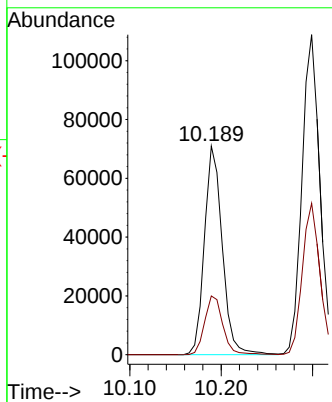
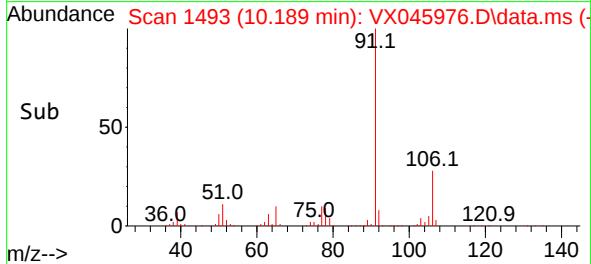
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 91 Resp: 9609
Ion Ratio Lower Upper
91 100
106 28.1 23.7 35.5

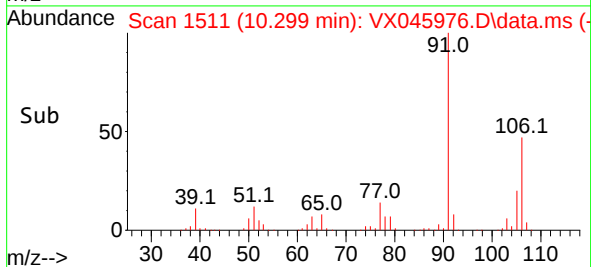
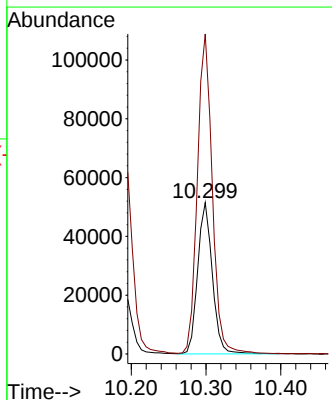
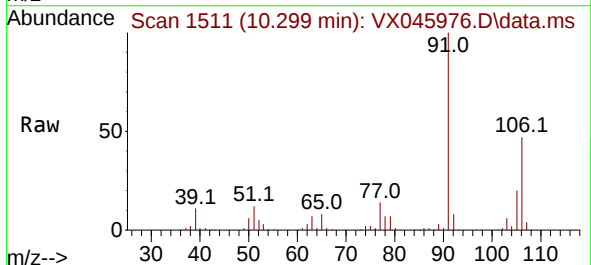
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#68
m/p-Xylenes
Concen: 42.567 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion:106 Resp: 70144
Ion Ratio Lower Upper
106 100
91 215.1 172.6 258.8





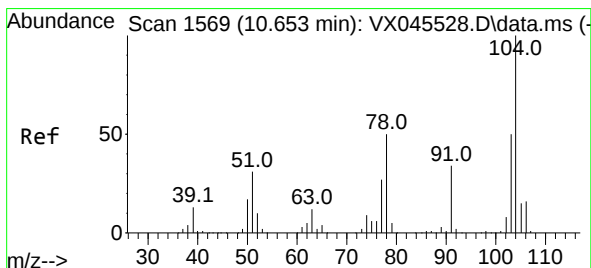
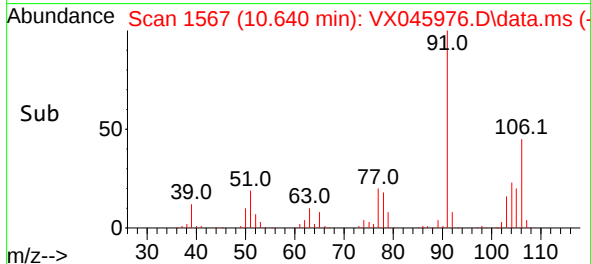
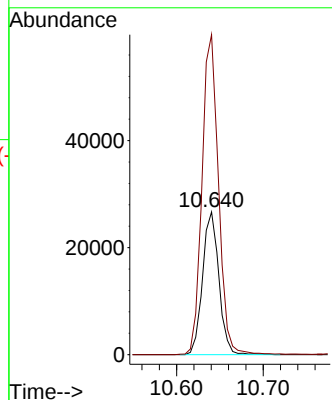
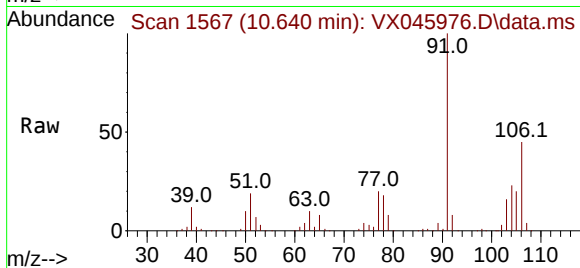
#69
o-Xylene
Concen: 21.485 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion:106 Resp: 34870
Ion Ratio Lower Upper
106 100
91 227.2 113.6 340.6

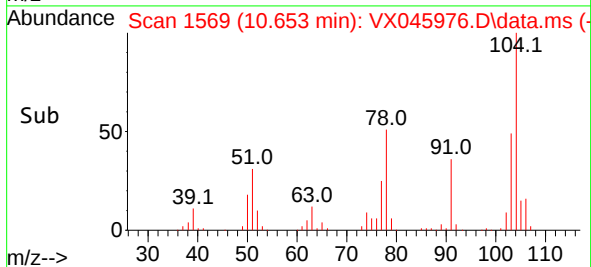
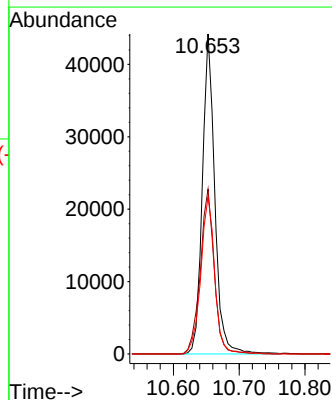
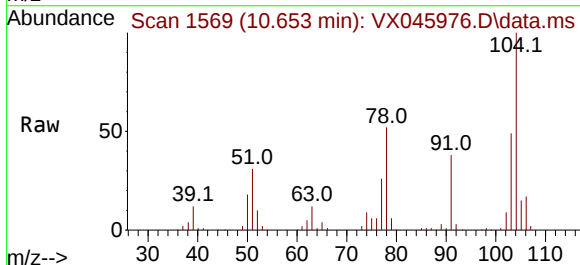
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#70
Styrene
Concen: 21.738 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

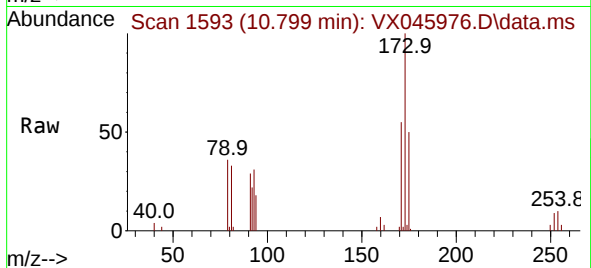
Tgt Ion:104 Resp: 58240
Ion Ratio Lower Upper
104 100
78 57.6 45.4 68.2
103 55.0 43.8 65.8





#71
Bromoform
Concen: 21.177 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

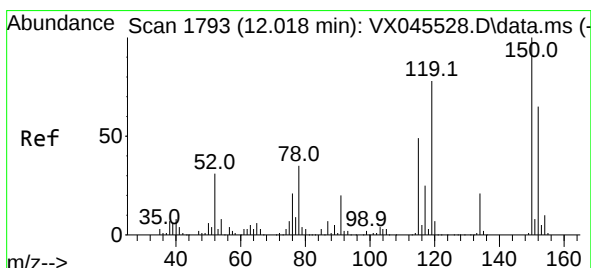
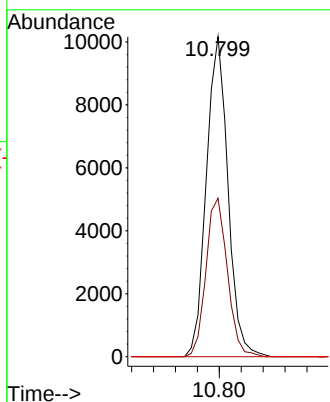
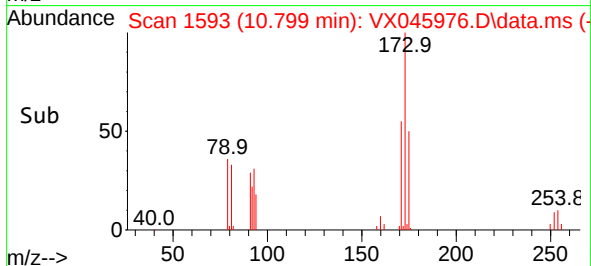
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



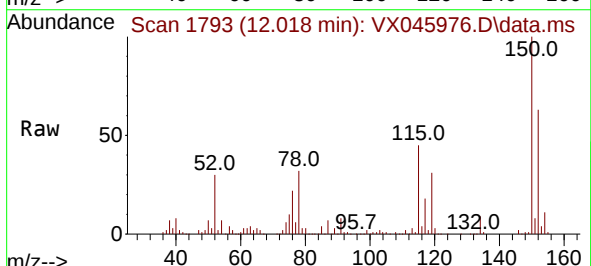
Tgt Ion:173 Resp: 1388
Ion Ratio Lower Upper
173 100
175 49.3 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

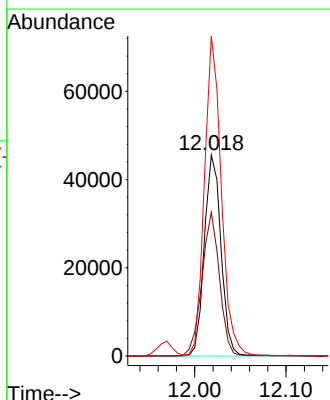
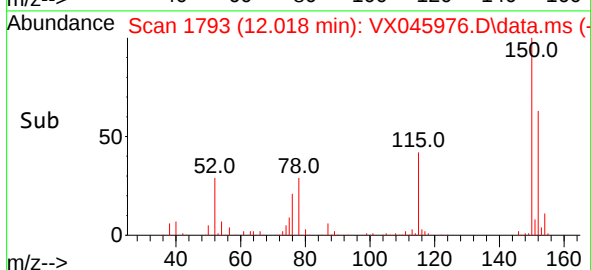
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



Tgt Ion:152 Resp: 57470
Ion Ratio Lower Upper
152 100
115 75.3 46.9 140.7
150 160.9 0.0 349.4





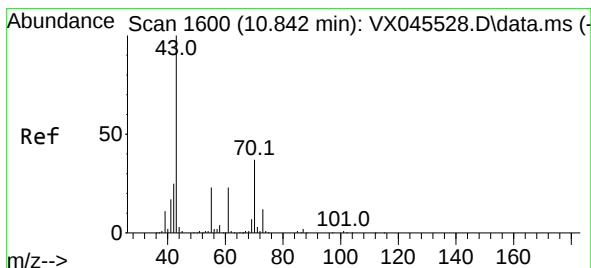
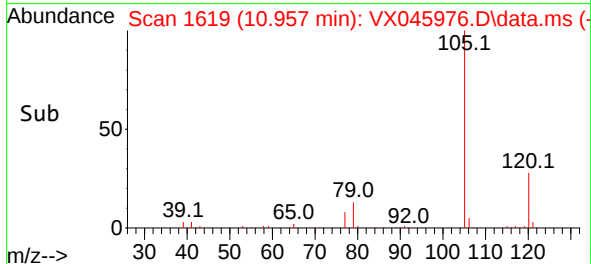
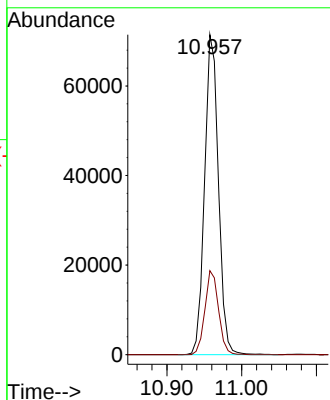
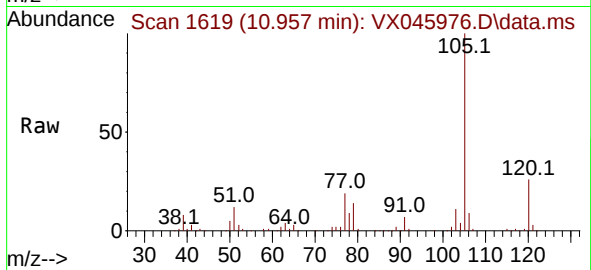
#73
Isopropylbenzene
Concen: 19.901 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion:105 Resp: 91610
Ion Ratio Lower Upper
105 100
120 25.9 12.7 38.0

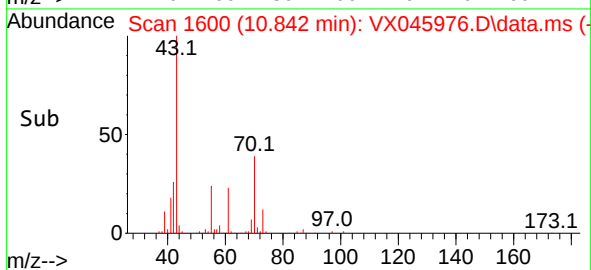
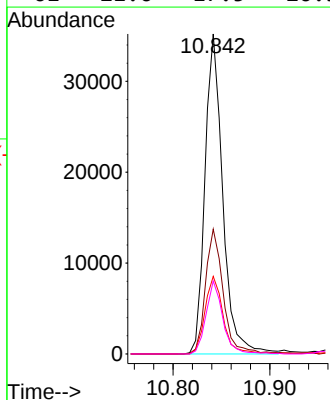
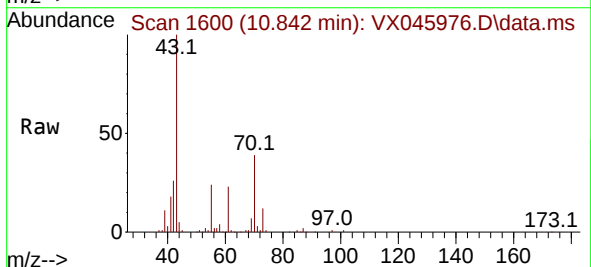
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#74
N-ethyl acetate
Concen: 20.488 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion: 43 Resp: 45116
Ion Ratio Lower Upper
43 100
70 39.3 30.1 45.1
55 24.9 18.3 27.5
61 21.6 17.5 26.3





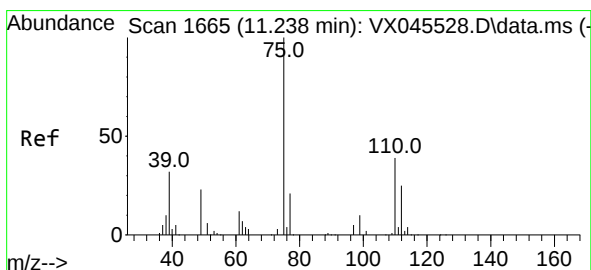
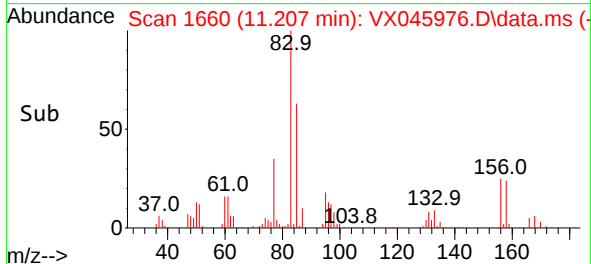
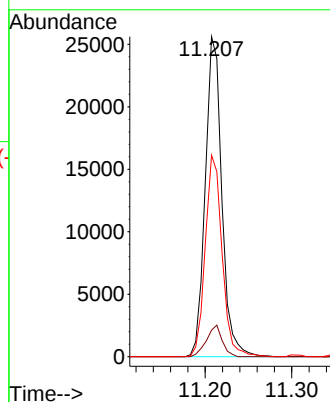
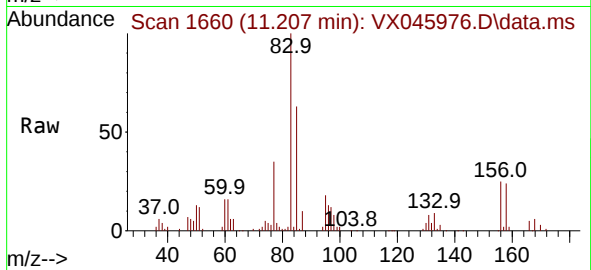
#75
1,1,2,2-Tetrachloroethane
Concen: 21.045 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 83 Resp: 3403
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 63.9 32.4 97.2

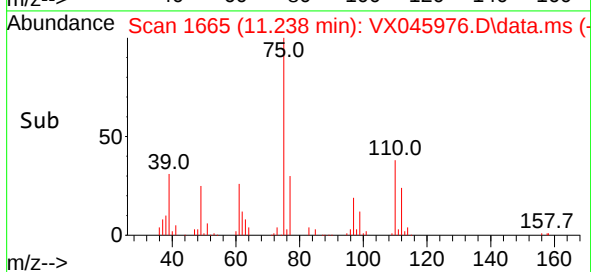
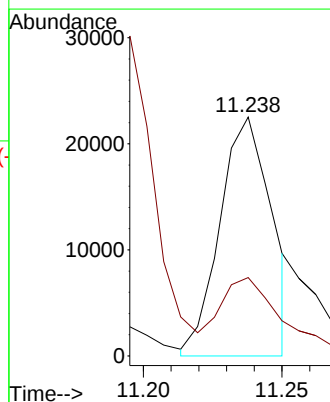
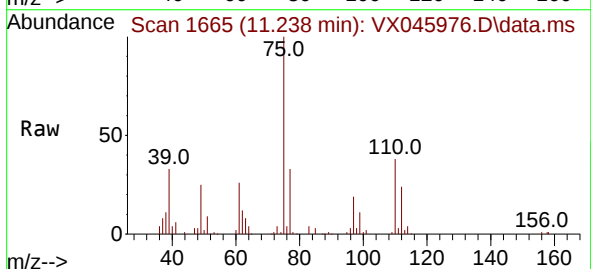
Manual Integrations
APPROVED

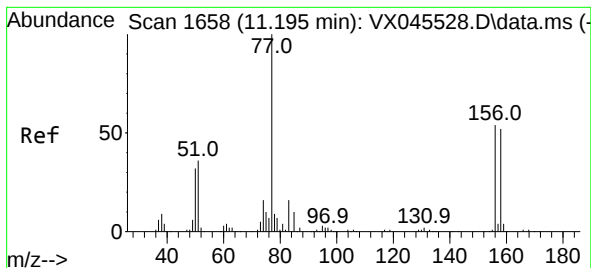
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#76
1,2,3-Trichloropropane
Concen: 20.873 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion: 75 Resp: 29260
Ion Ratio Lower Upper
75 100
77 40.1 20.0 59.9





#77

Bromobenzene

Concen: 19.630 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBSD01

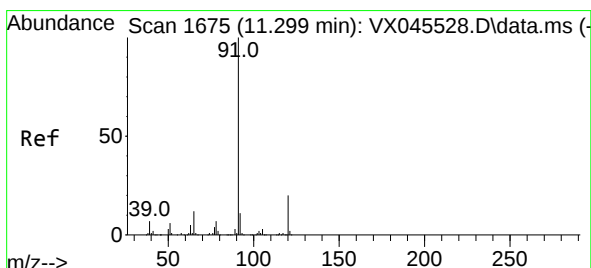
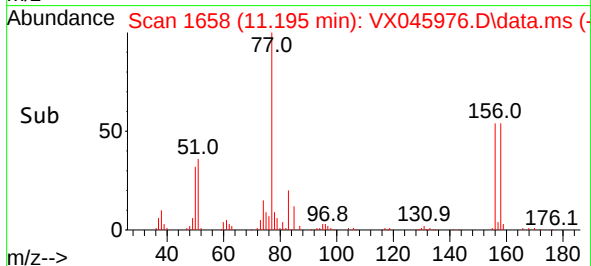
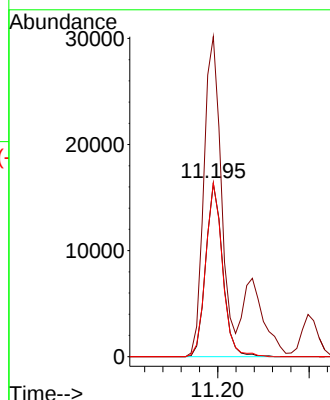
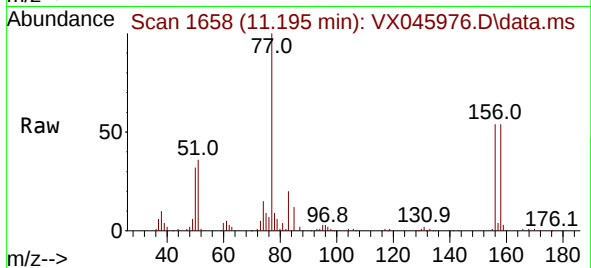
Tgt Ion	Ratio	Lower	Upper
156	100		
77	190.9	92.6	277.8
158	100.4	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#78

n-propylbenzene

Concen: 20.123 ug/l

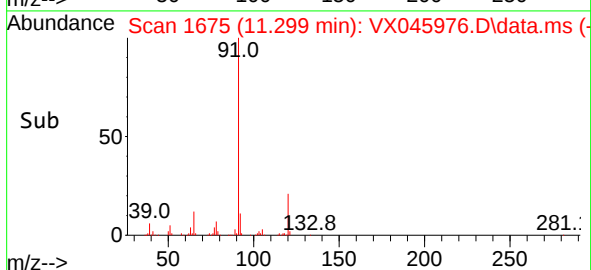
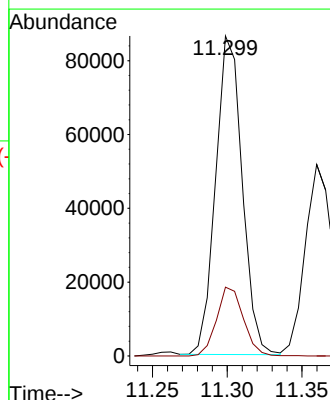
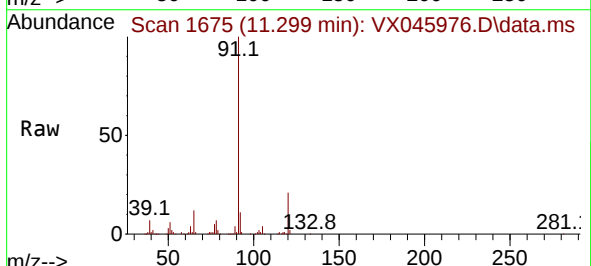
RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.3





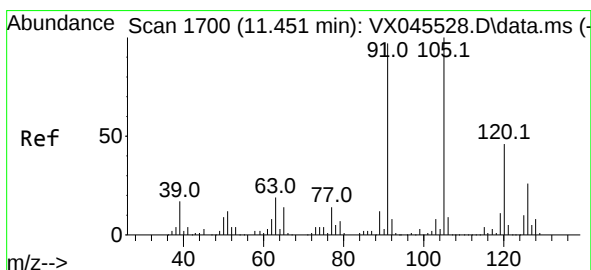
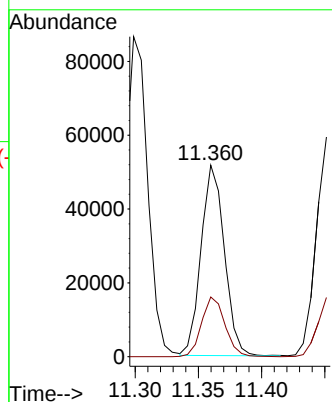
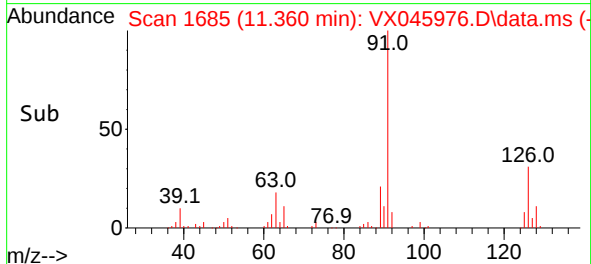
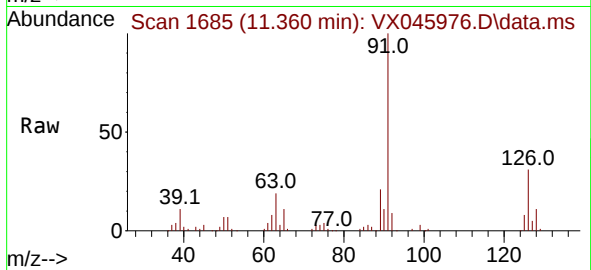
#79
2-Chlorotoluene
Concen: 19.576 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 91 Resp: 6635
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.4

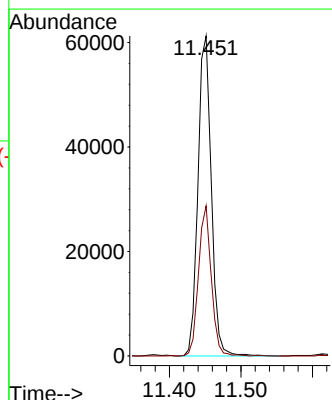
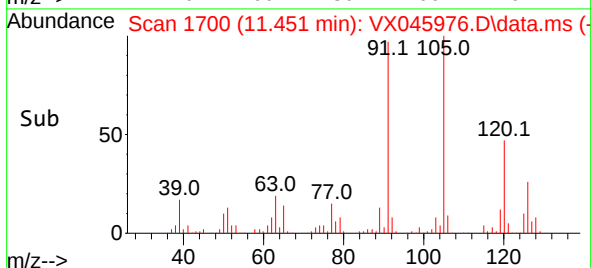
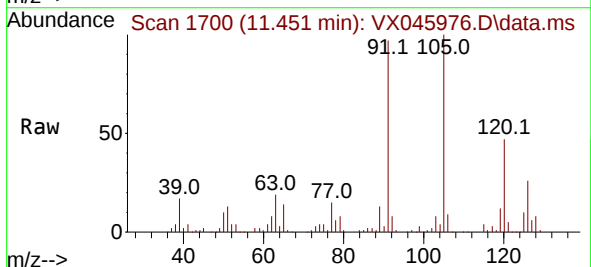
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion:105 Resp: 79294
Ion Ratio Lower Upper
105 100
120 45.0 23.0 69.0





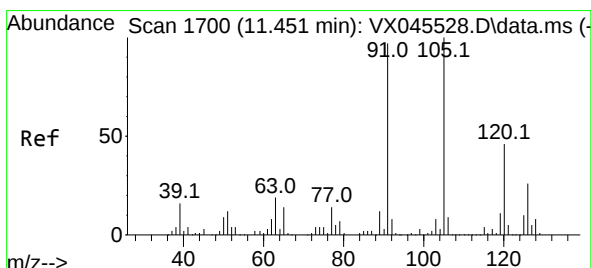
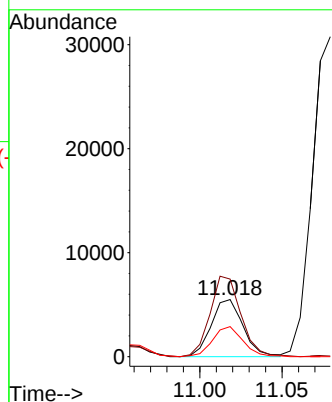
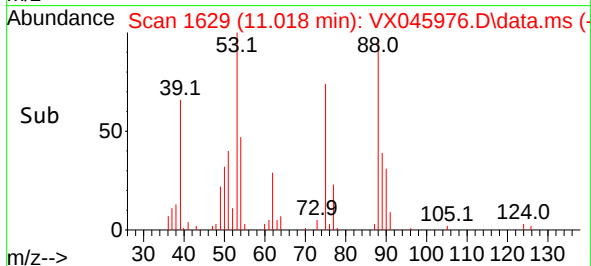
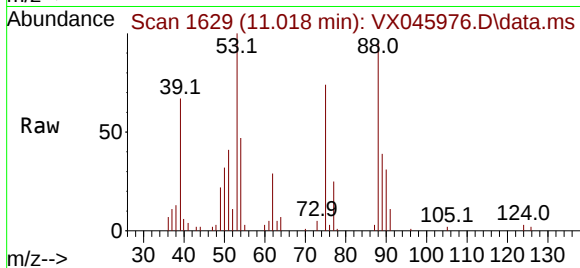
#81
trans-1,4-Dichloro-2-butene
Concen: 17.952 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01

Tgt Ion: 75 Resp: 741
Ion Ratio Lower Upper
75 100
53 135.8 101.8 152.6
89 50.1 37.2 55.8

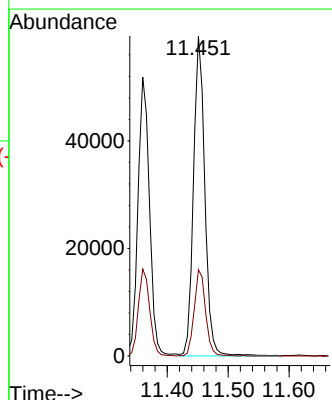
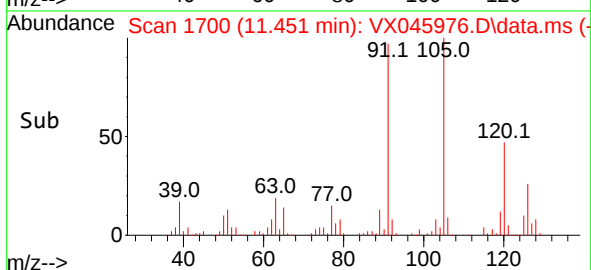
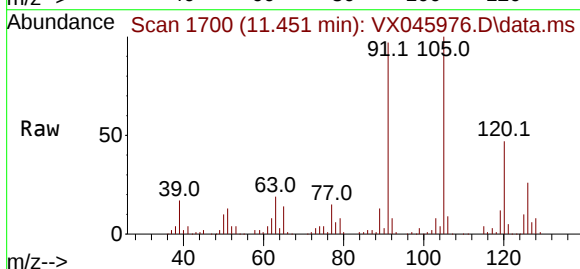
Manual Integrations
APPROVED

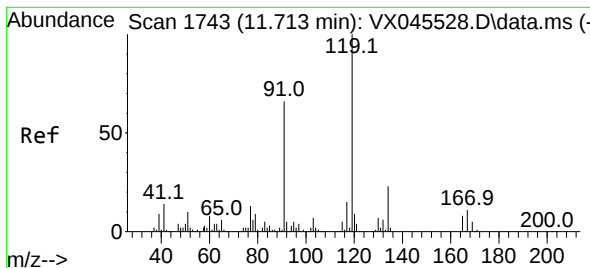
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#82
4-Chlorotoluene
Concen: 20.411 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

Tgt Ion: 91 Resp: 77140
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83

tert-Butylbenzene

Concen: 20.819 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBSD01

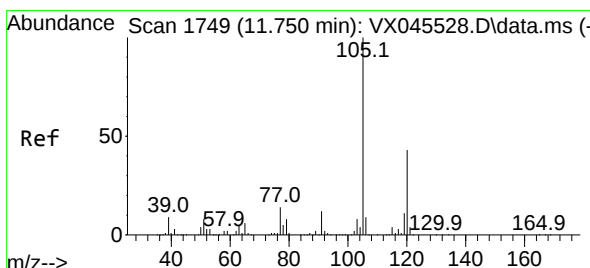
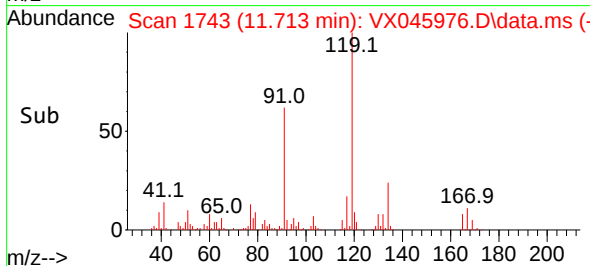
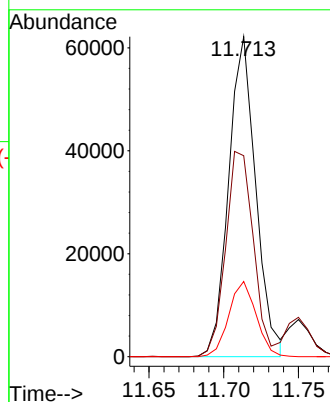
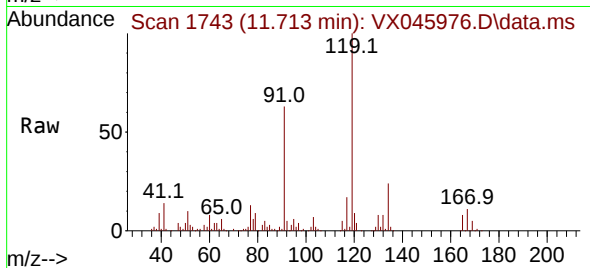
Tgt Ion:	119	Resp:	7846
Ion Ratio	Lower	Upper	
119	100		
91	65.3	32.4	97.2
134	23.7	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.572 ug/l

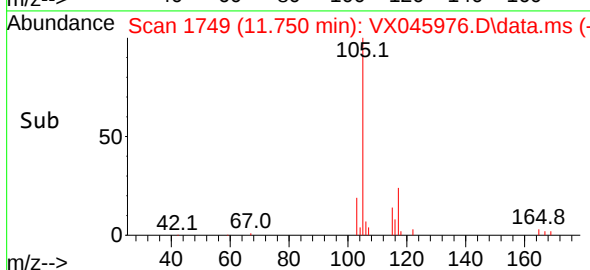
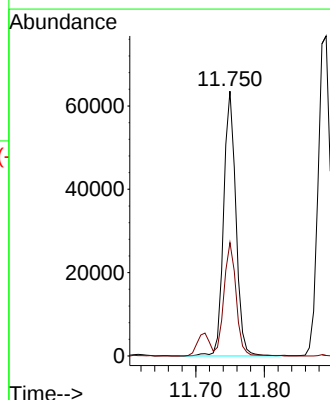
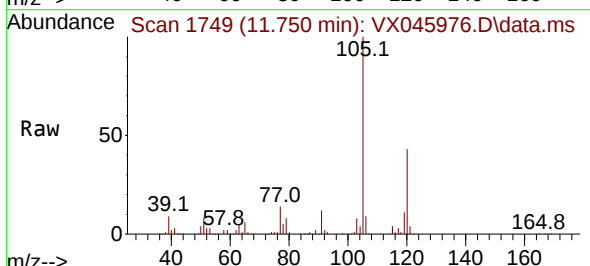
RT: 11.750 min Scan# 1749

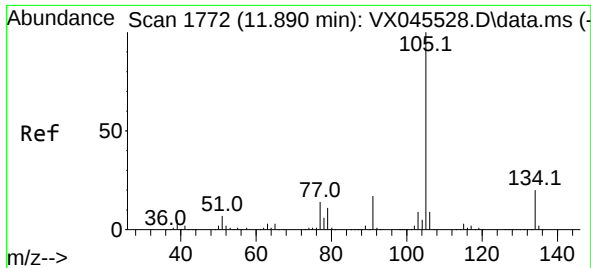
Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

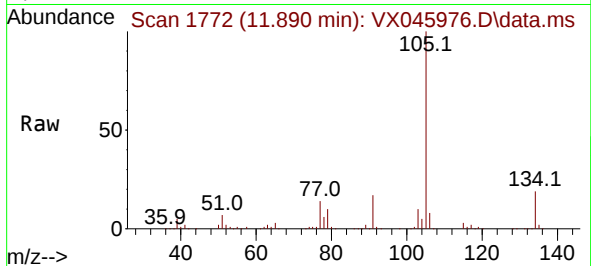
Tgt Ion:	105	Resp:	78597
Ion Ratio	Lower	Upper	
105	100		
120	42.5	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 21.258 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045976.D
 Acq: 29 Apr 2025 12:49

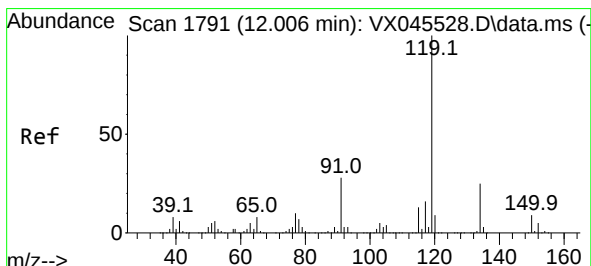
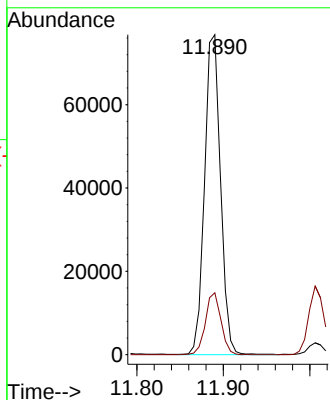
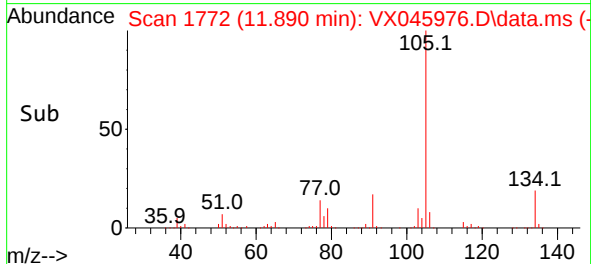
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBSD01



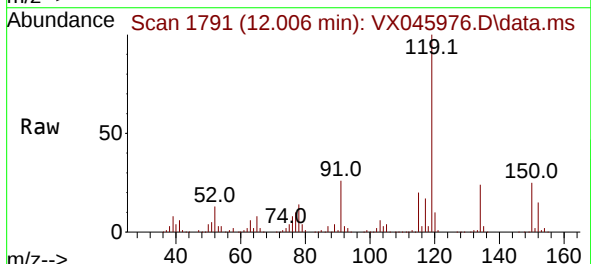
Tgt Ion:105 Resp: 9840
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

Manual Integrations
 APPROVED

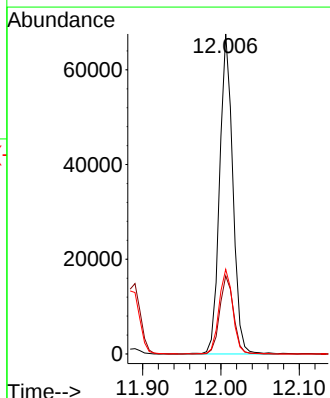
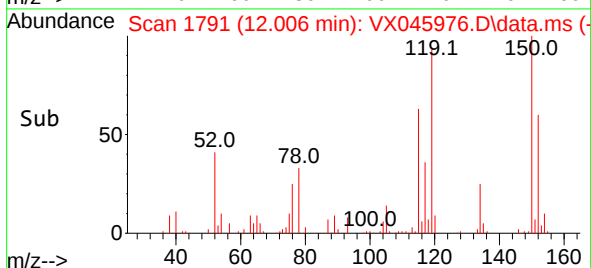
Reviewed By :John Carlone 04/30/2025
 Supervised By :Semsettin Yesilyurt 04/30/2025



#86
 p-Isopropyltoluene
 Concen: 20.786 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045976.D
 Acq: 29 Apr 2025 12:49



Tgt Ion:119 Resp: 79322
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 27.6 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 20.225 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBSD01

Tgt Ion:146 Resp: 39159

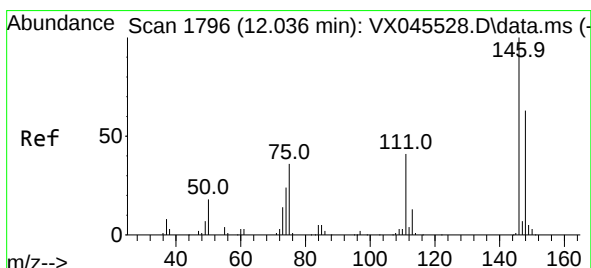
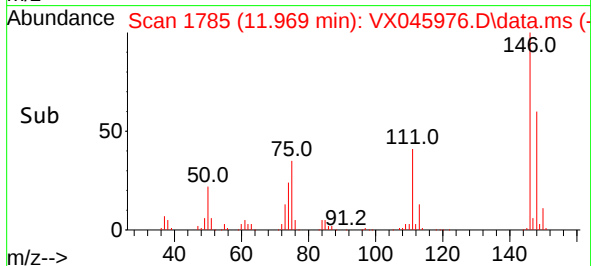
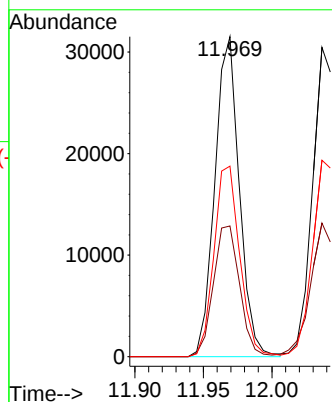
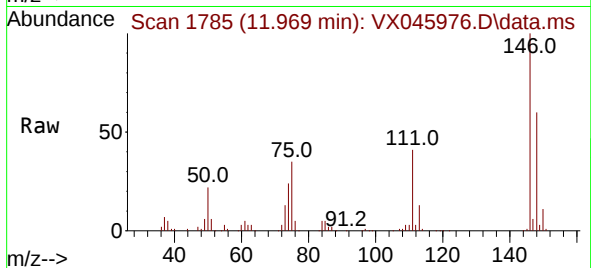
Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	62.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#88

1,4-Dichlorobenzene

Concen: 19.996 ug/l

RT: 12.036 min Scan# 1796

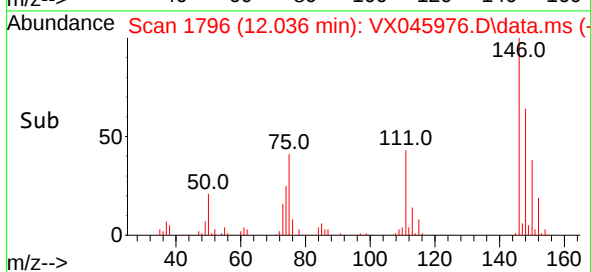
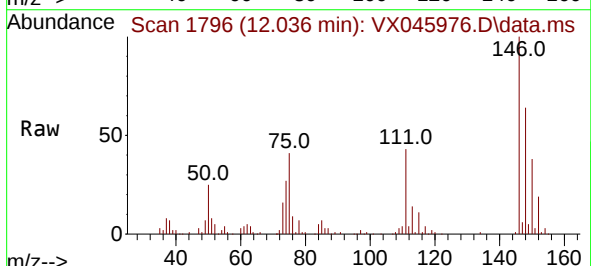
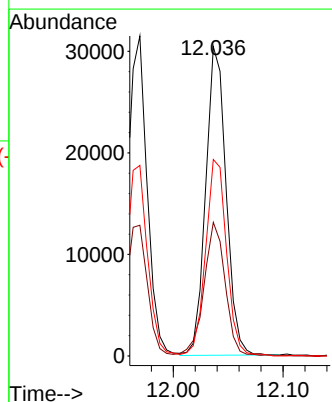
Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Tgt Ion:146 Resp: 39249

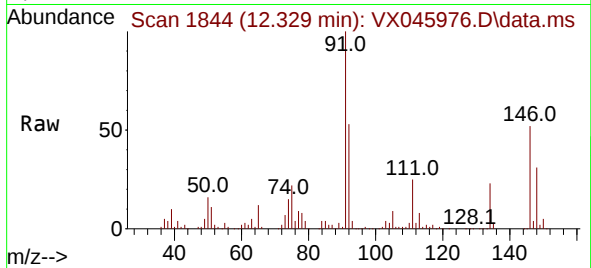
Ion	Ratio	Lower	Upper
146	100		
111	45.5	20.9	62.8
148	65.8	31.5	94.5





#89
n-Butylbenzene
Concen: 20.105 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

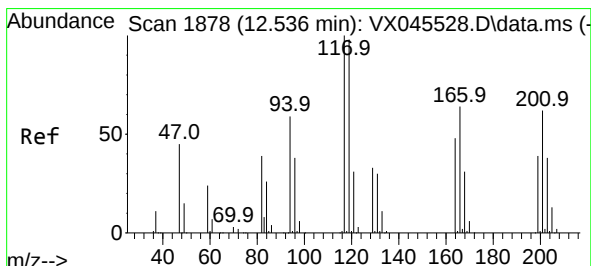
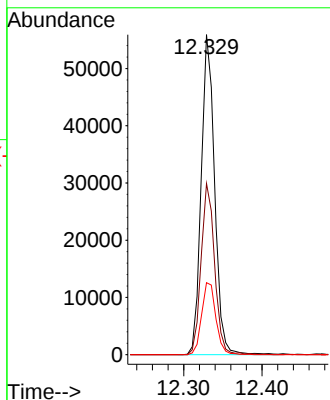
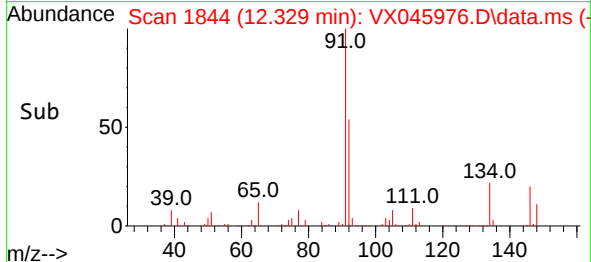
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



Tgt Ion: 91 Resp: 6653
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.6
134 23.8 11.9 35.7

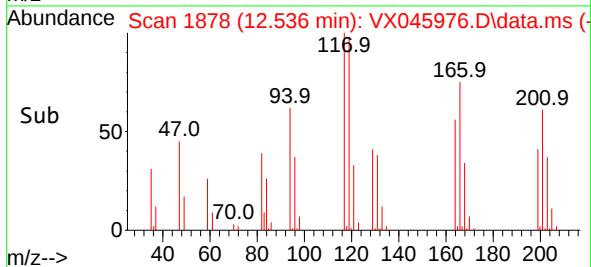
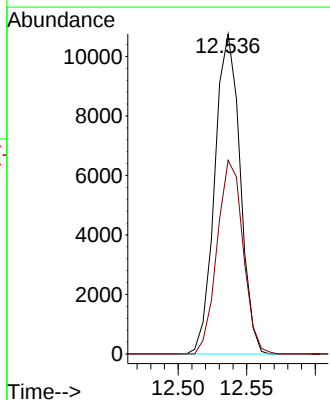
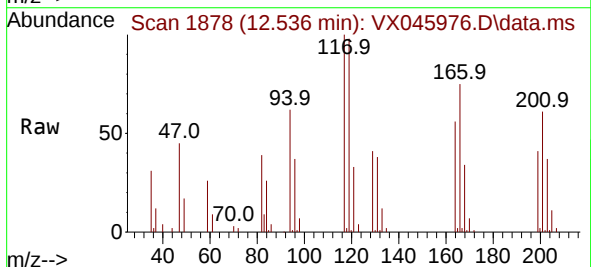
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#90
Hexachloroethane
Concen: 21.084 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

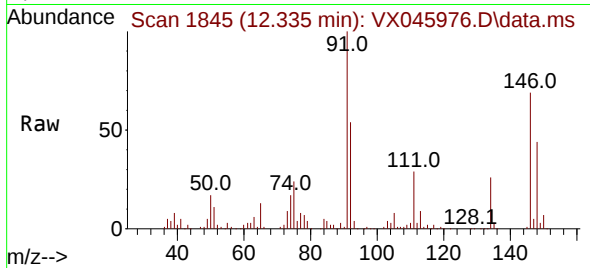
Tgt Ion:117 Resp: 13828
Ion Ratio Lower Upper
117 100
201 61.9 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 21.247 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

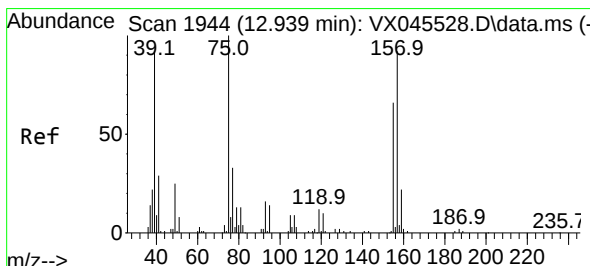
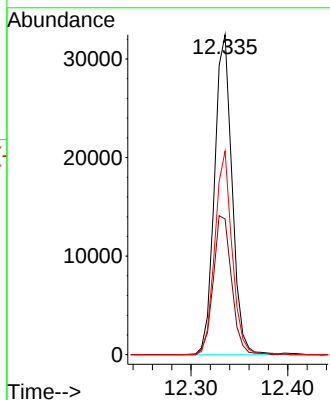
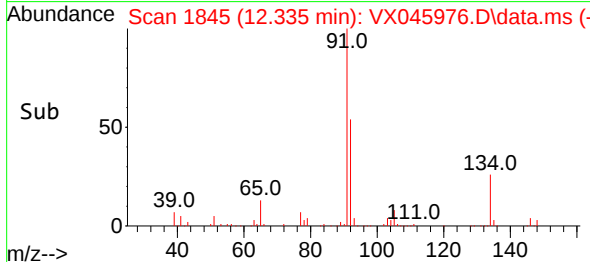
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



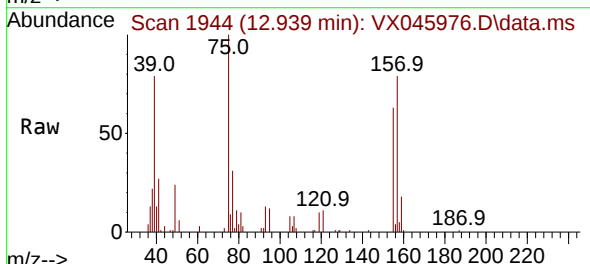
Tgt Ion:146 Resp: 4089
Ion Ratio Lower Upper
146 100
111 45.3 22.9 68.8
148 62.6 31.9 95.5

Manual Integrations
APPROVED

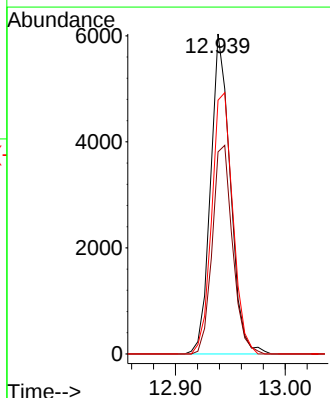
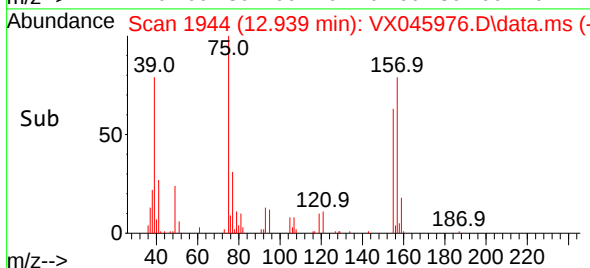
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025

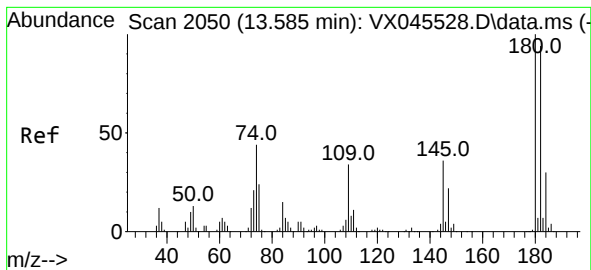


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.286 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



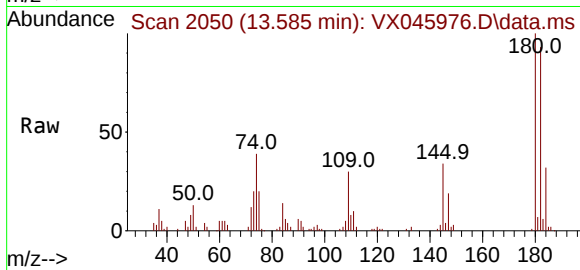
Tgt Ion: 75 Resp: 7537
Ion Ratio Lower Upper
75 100
155 67.1 34.9 104.7
157 87.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.858 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49

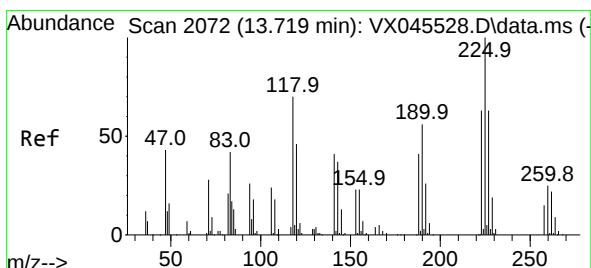
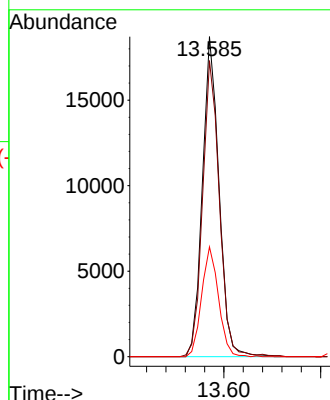
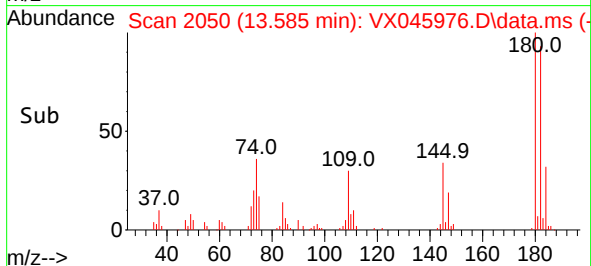
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBSD01



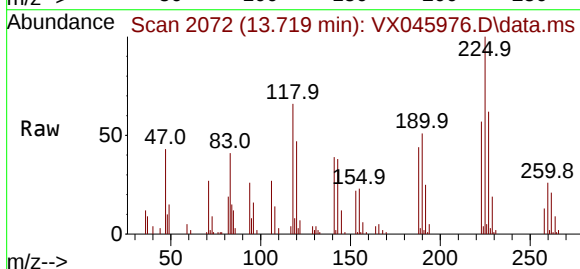
Tgt Ion:180 Resp: 22349
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.6
145 34.9 17.9 53.8

Manual Integrations
APPROVED

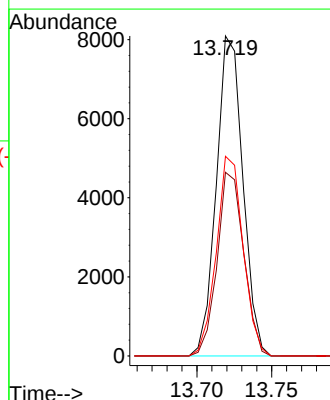
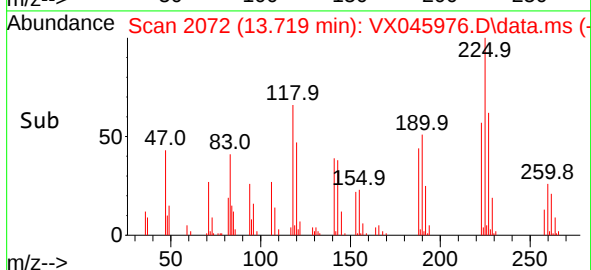
Reviewed By :John Carlone 04/30/2025
Supervised By :Semsettin Yesilyurt 04/30/2025



#94
Hexachlorobutadiene
Concen: 21.652 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045976.D
Acq: 29 Apr 2025 12:49



Tgt Ion:225 Resp: 9997
Ion Ratio Lower Upper
225 100
223 57.5 31.1 93.3
227 62.9 32.2 96.6





#95

Naphthalene

Concen: 20.708 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBSD01

Tgt Ion:128 Resp: 8257

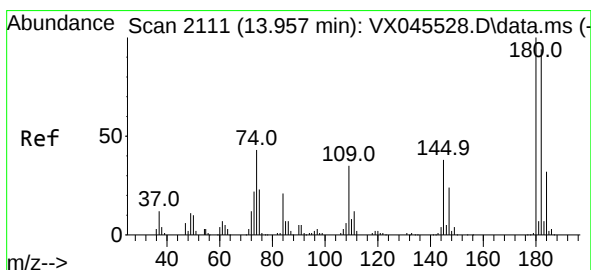
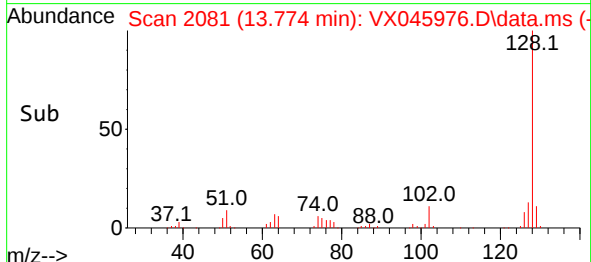
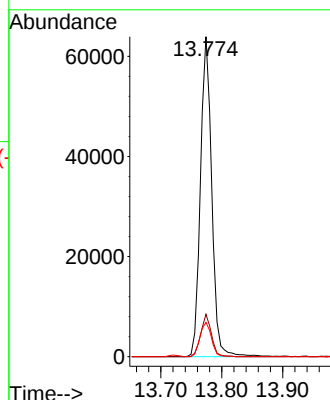
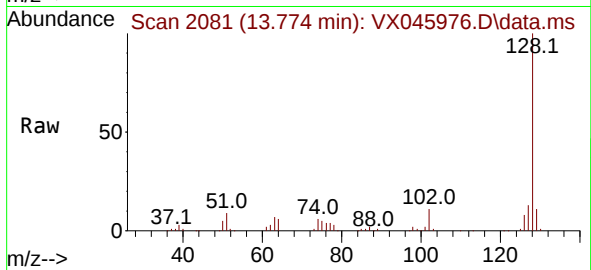
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2025

Supervised By :Semsettin Yesilyurt 04/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.290 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045976.D

Acq: 29 Apr 2025 12:49

Tgt Ion:180 Resp: 22765

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.8
145	37.7	18.2	54.6

