

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
 Data File : VX045793.D
 Acq On : 15 Apr 2025 13:36
 Operator : JC/MD
 Sample : VX0415MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2025
 Supervised By : Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 01:39:36 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	5.538	168	100338	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	173417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93626	51.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.040%			
35) Dibromofluoromethane	5.373	113	63442	51.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.120%			
50) Toluene-d8	8.641	98	216367	50.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.760%			
62) 4-Bromofluorobenzene	11.079	95	84382	53.943	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28215	18.803	ug/l	96
3) Chloromethane	1.301	50	26636	17.278	ug/l	99
4) Vinyl Chloride	1.374	62	24666	17.484	ug/l	98
5) Bromomethane	1.593	94	10862	16.238	ug/l	97
6) Chloroethane	1.666	64	14633	19.550	ug/l	92
7) Trichlorofluoromethane	1.874	101	40207	19.112	ug/l	96
8) Diethyl Ether	2.130	74	12931	18.308	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	24362	19.762	ug/l	96
10) Methyl Iodide	2.441	142	27492	17.880	ug/l	97
11) Tert butyl alcohol	2.971	59	20654	83.756	ug/l	98
12) 1,1-Dichloroethene	2.306	96	21584	17.919	ug/l	98
13) Acrolein	2.233	56	29698	87.454	ug/l	97
14) Allyl chloride	2.654	41	41308	18.074	ug/l	98
15) Acrylonitrile	3.056	53	70201	90.184	ug/l	99
16) Acetone	2.380	43	66091	87.716	ug/l	98
17) Carbon Disulfide	2.502	76	42158	14.170	ug/l	99
18) Methyl Acetate	2.697	43	37769	21.772	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	80868	19.192	ug/l	100
20) Methylene Chloride	2.782	84	25611	18.156	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	21991	17.870	ug/l	98
22) Diisopropyl ether	3.757	45	85577	19.008	ug/l	98
23) Vinyl Acetate	3.715	43	355789	91.467	ug/l	99
24) 1,1-Dichloroethane	3.599	63	46854	18.402	ug/l	99
25) 2-Butanone	4.550	43	100131	90.787	ug/l	97
26) 2,2-Dichloropropane	4.459	77	32213	19.582	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	27392	18.270	ug/l	99
28) Bromochloromethane	4.879	49	24467	19.885	ug/l	98
29) Tetrahydrofuran	4.995	42	63928	89.402	ug/l	100
30) Chloroform	5.086	83	50154	19.144	ug/l	97
31) Cyclohexane	5.458	56	40554	18.017	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	41561	18.748	ug/l	99
36) 1,1-Dichloropropene	5.678	75	30635	18.441	ug/l	99
37) Ethyl Acetate	4.708	43	35306	16.864	ug/l	97
38) Carbon Tetrachloride	5.666	117	34969	19.477	ug/l	96
39) Methylcyclohexane	7.373	83	38151	18.735	ug/l	97
40) Benzene	6.025	78	94946	18.713	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	21496	19.460	ug/l	99
42) 1,2-Dichloroethane	6.074	62	41650	19.875	ug/l	100
43) Isopropyl Acetate	6.330	43	58908	18.565	ug/l	99
44) Trichloroethene	7.117	130	22258	18.457	ug/l	87
45) 1,2-Dichloropropane	7.421	63	24522	19.371	ug/l	93
46) Dibromomethane	7.574	93	18602	19.142	ug/l	99
47) Bromodichloromethane	7.812	83	36791	18.957	ug/l	96
48) Methyl methacrylate	7.684	41	31082	18.972	ug/l	99
49) 1,4-Dioxane	7.659	88	10229	345.092	ug/l	94
51) 4-Methyl-2-Pentanone	8.568	43	208303	99.028	ug/l	99
52) Toluene	8.714	92	59050	19.234	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	29926	17.590	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	34754	19.056	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	24063	19.669	ug/l	94
56) Ethyl methacrylate	9.110	69	36997	19.540	ug/l	100
57) 1,3-Dichloropropane	9.305	76	41529	19.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	102111	106.611	ug/l	100
59) 2-Hexanone	9.427	43	150126	96.378	ug/l	99
60) Dibromochloromethane	9.519	129	25255	18.936	ug/l	98
61) 1,2-Dibromoethane	9.604	107	23829	19.241	ug/l	98
64) Tetrachloroethene	9.269	164	21098	19.877	ug/l	95
65) Chlorobenzene	10.073	112	63057	19.628	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	21171	18.982	ug/l	99
67) Ethyl Benzene	10.189	91	113852	19.788	ug/l	97
68) m/p-Xylenes	10.299	106	83534	39.918	ug/l	99
69) o-Xylene	10.640	106	41888	20.319	ug/l	99
70) Styrene	10.653	104	68537	20.144	ug/l	98
71) Bromoform	10.799	173	15450	18.552	ug/l #	98
73) Isopropylbenzene	10.957	105	110296	18.978	ug/l	100
74) N-amyl acetate	10.842	43	50227	18.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36972	18.109	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32515m	18.372	ug/l	
77) Bromobenzene	11.195	156	24630	18.341	ug/l	96
78) n-propylbenzene	11.299	91	130364	19.474	ug/l	99
79) 2-Chlorotoluene	11.360	91	81041	18.936	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	93965	19.552	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	8265	15.849	ug/l	90
82) 4-Chlorotoluene	11.451	91	92459	19.377	ug/l	99
83) tert-Butylbenzene	11.713	119	91626	19.257	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94061	19.500	ug/l	99
85) sec-Butylbenzene	11.890	105	115630	19.786	ug/l	99
86) p-Isopropyltoluene	12.006	119	94877	19.692	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46172	18.889	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	45317	18.287	ug/l	96
89) n-Butylbenzene	12.329	91	84395	20.200	ug/l	99
90) Hexachloroethane	12.536	117	15382	18.577	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	47188	19.417	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7993	18.720	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	26399	19.515	ug/l	99
94) Hexachlorobutadiene	13.725	225	11429	19.606	ug/l	99
95) Naphthalene	13.774	128	97482	19.364	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27570	19.463	ug/l	97

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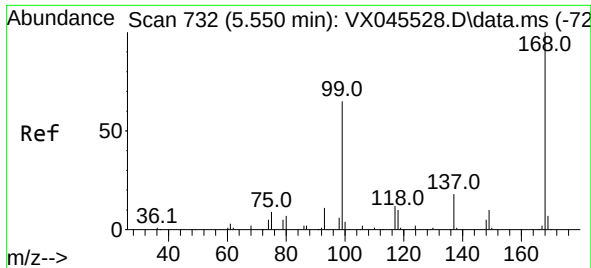
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 04/16/2025

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Response via : Initial Calibration

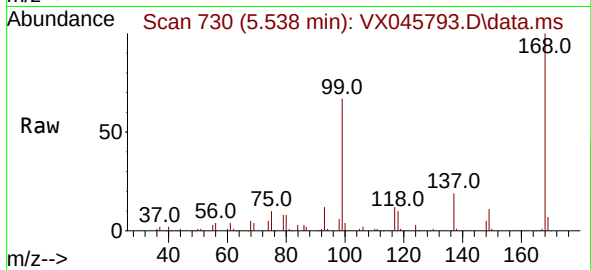
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
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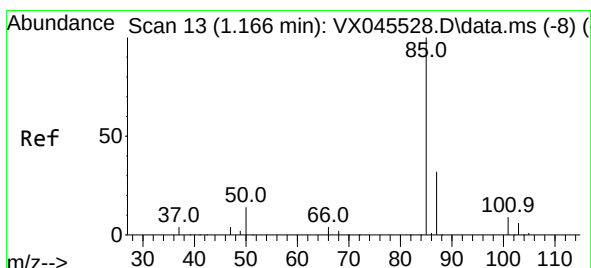
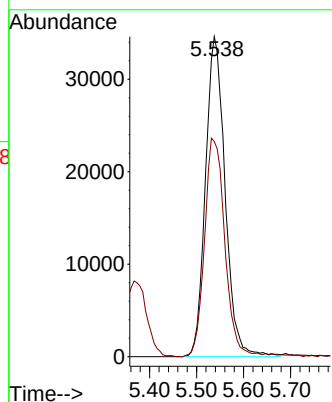
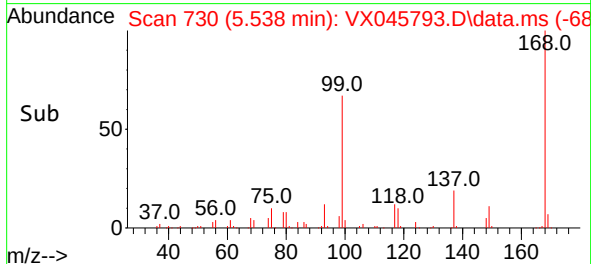
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion:168 Resp: 100338
Ion Ratio Lower Upper
168 100
99 67.3 52.3 78.5

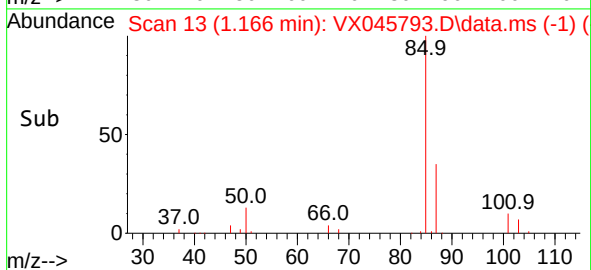
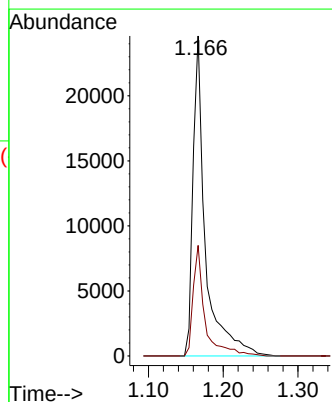
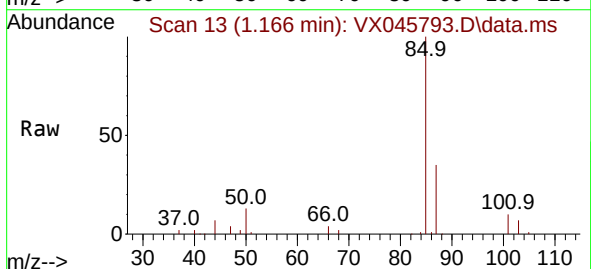
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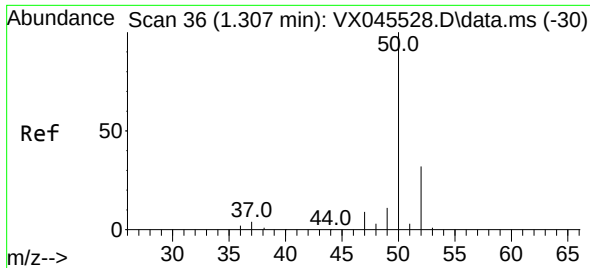
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#2
Dichlorodifluoromethane
Concen: 18.803 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

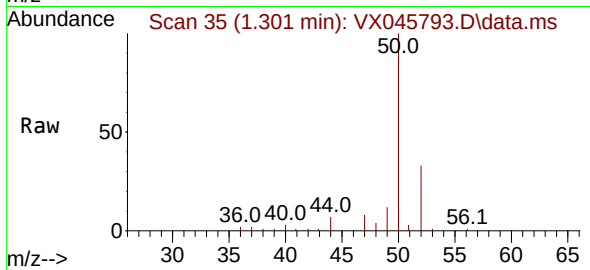
Tgt Ion: 85 Resp: 28215
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2





#3
Chloromethane
Concen: 17.278 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

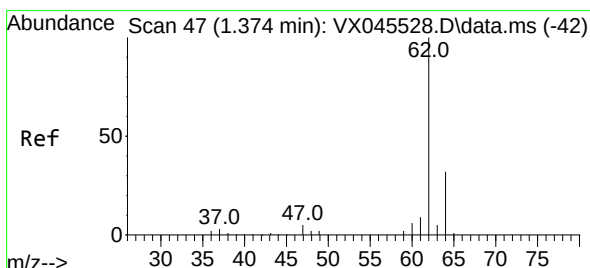
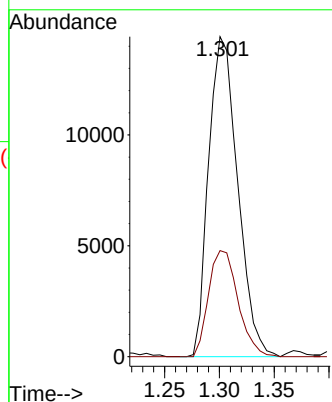
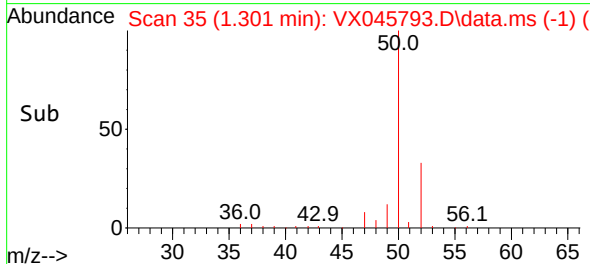
Instrument :
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VX0415MBSD01



Tgt Ion: 50 Resp: 26630
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

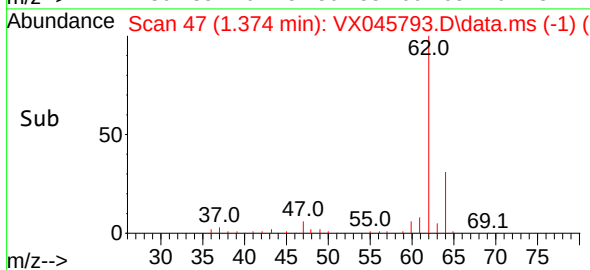
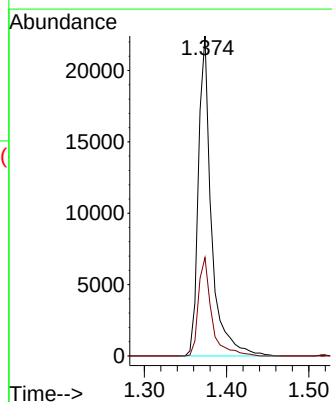
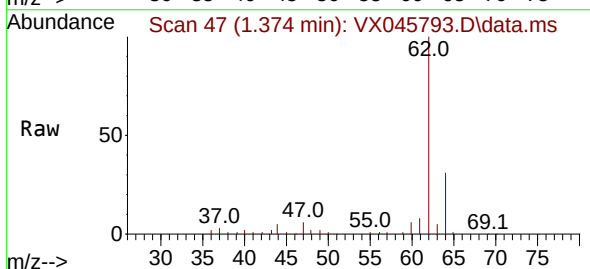
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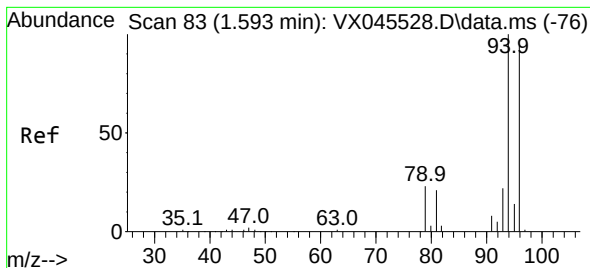
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#4
Vinyl Chloride
Concen: 17.484 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

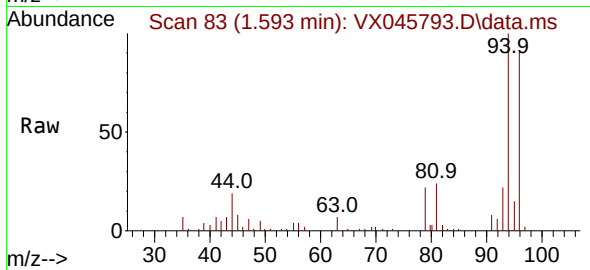
Tgt Ion: 62 Resp: 24666
Ion Ratio Lower Upper
62 100
64 30.8 25.5 38.3





#5
Bromomethane
Concen: 16.238 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

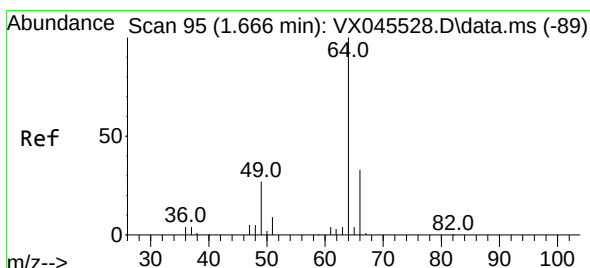
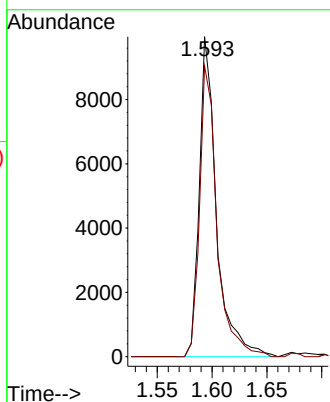
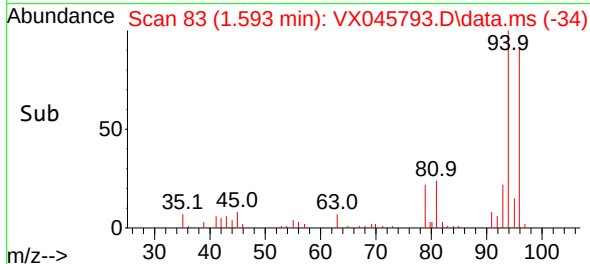
Instrument :
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Tgt Ion: 94 Resp: 10862
Ion Ratio Lower Upper
94 100
96 90.8 74.8 112.2

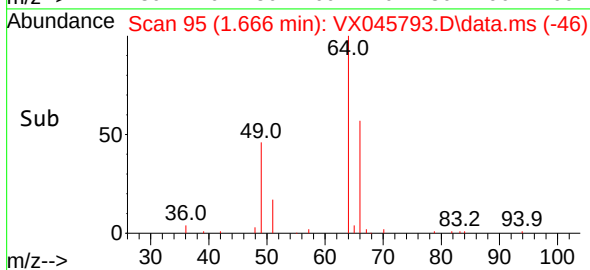
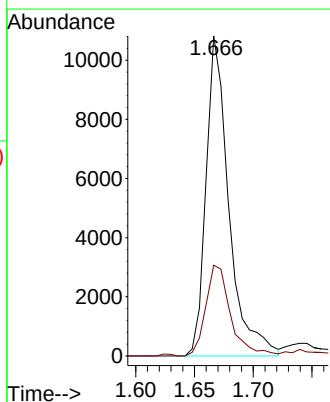
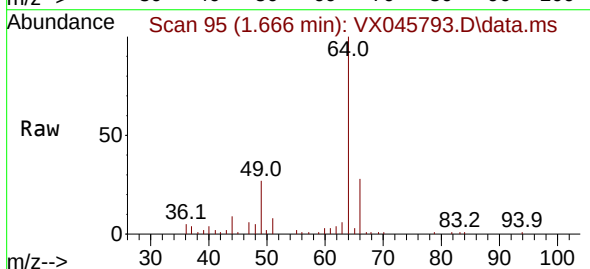
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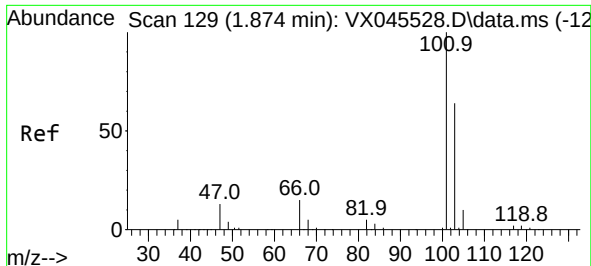
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#6
Chloroethane
Concen: 19.550 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045793.D
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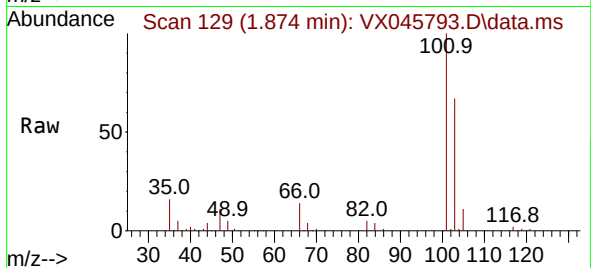
Tgt Ion: 64 Resp: 14633
Ion Ratio Lower Upper
64 100
66 28.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.112 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

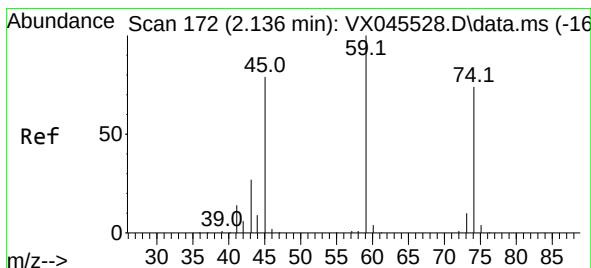
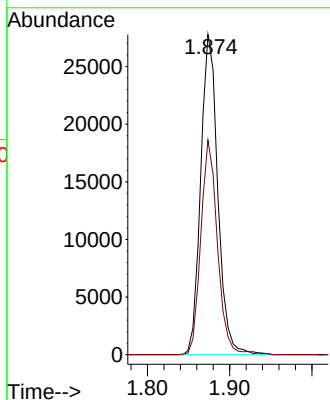
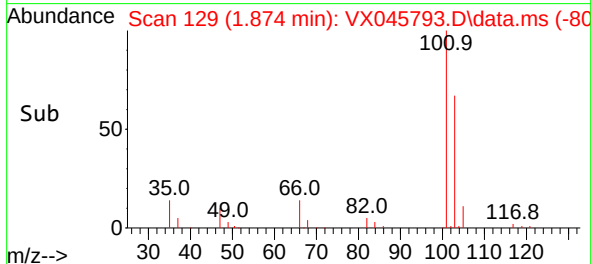
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion:101 Resp: 4020
Ion Ratio Lower Upper
101 100
103 67.1 51.1 76.7

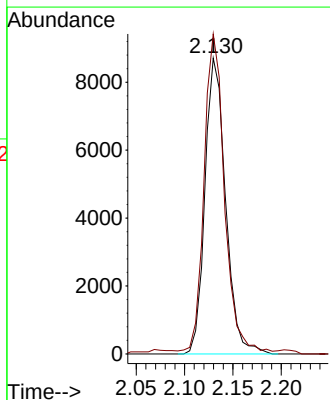
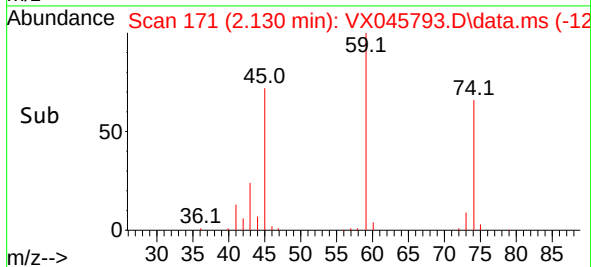
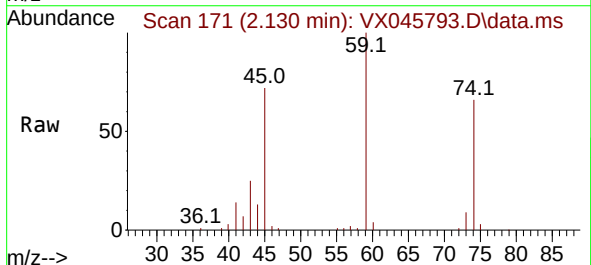
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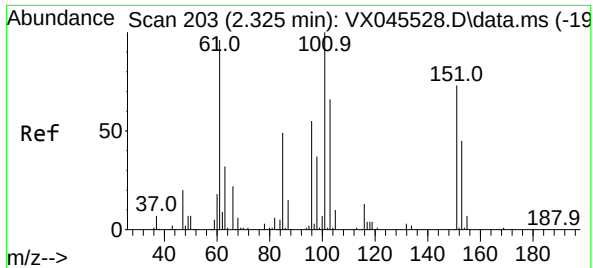
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#8
Diethyl Ether
Concen: 18.308 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045793.D
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Tgt Ion: 74 Resp: 12931
Ion Ratio Lower Upper
74 100
45 105.2 53.0 159.1





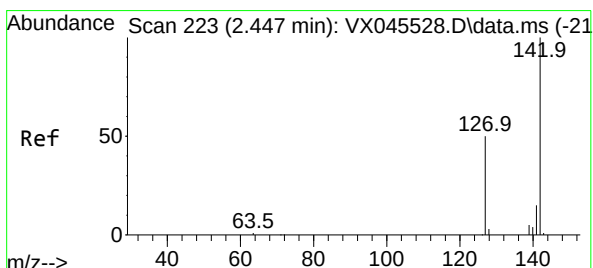
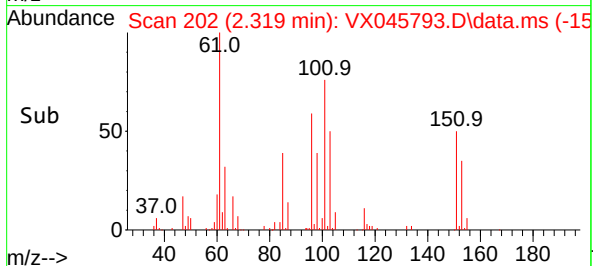
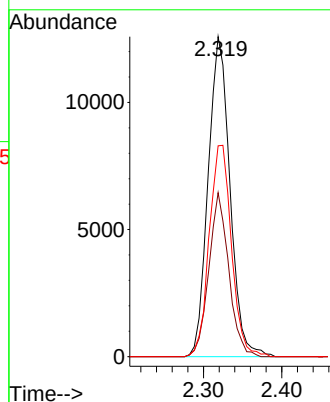
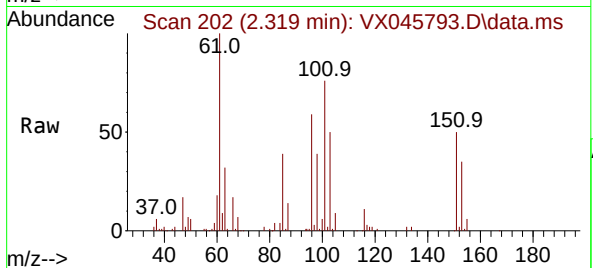
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.762 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion:101 Resp: 2436
Ion Ratio Lower Upper
101 100
85 46.8 38.9 58.3
151 67.5 57.5 86.3

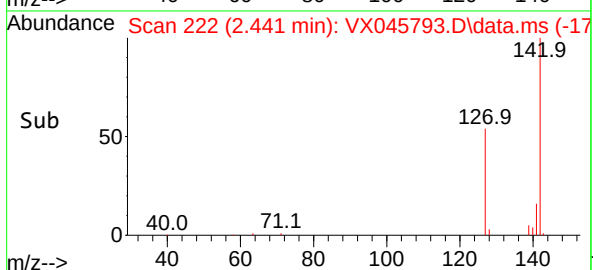
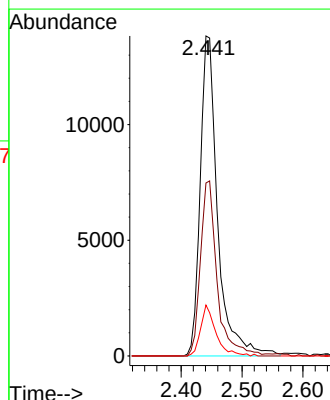
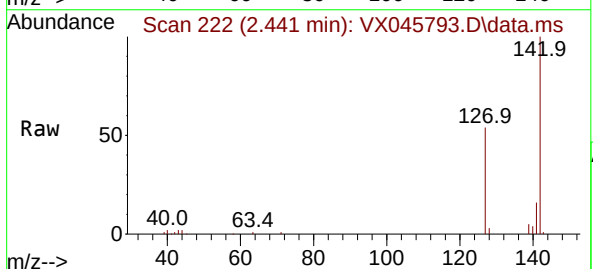
Manual Integrations
APPROVED

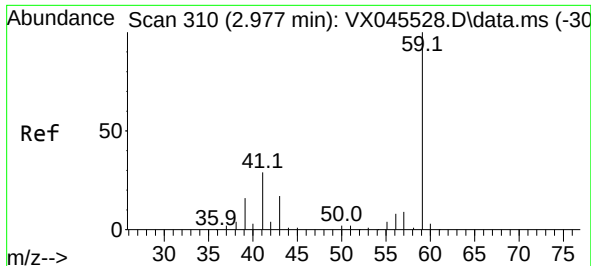
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#10
Methyl Iodide
Concen: 17.880 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

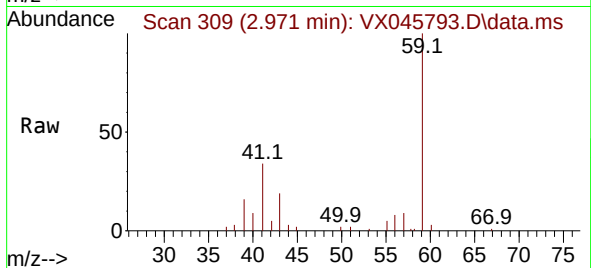
Tgt Ion:142 Resp: 27492
Ion Ratio Lower Upper
142 100
127 52.4 40.2 60.4
141 14.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 83.756 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

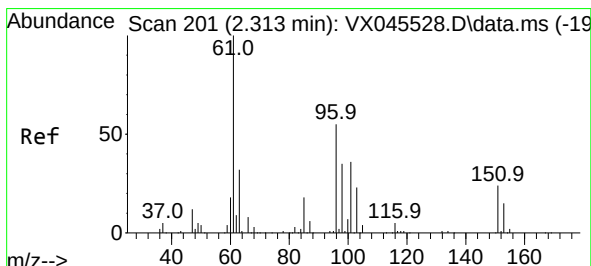
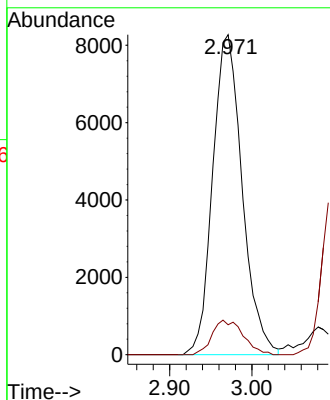
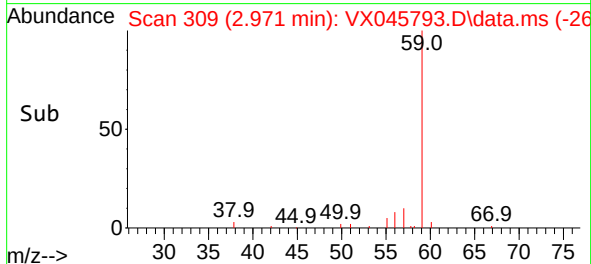
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



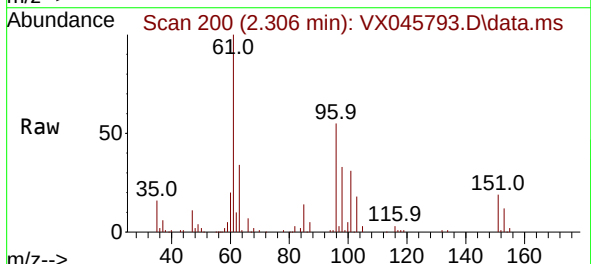
Tgt Ion: 59 Resp: 20654
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

Manual Integrations
APPROVED

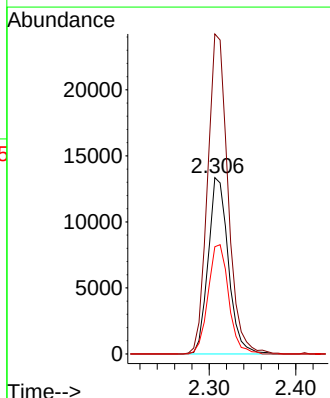
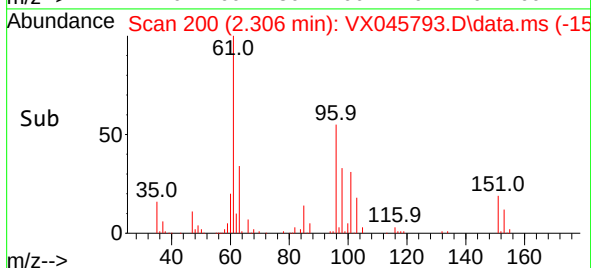
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

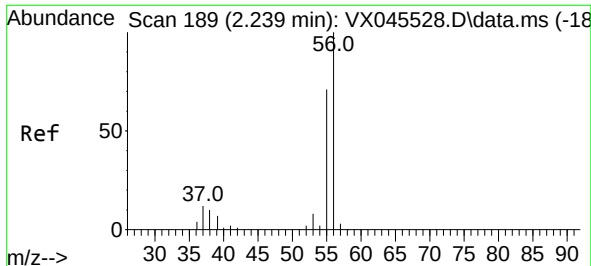


#12
1,1-Dichloroethene
Concen: 17.919 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36



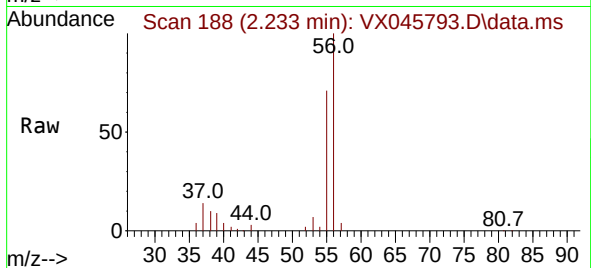
Tgt Ion: 96 Resp: 21584
Ion Ratio Lower Upper
96 100
61 181.4 145.7 218.5
98 60.8 51.6 77.4





#13
Acrolein
Concen: 87.454 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

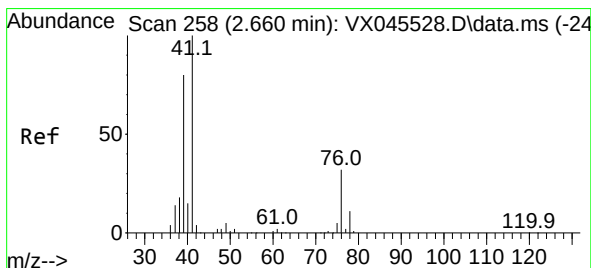
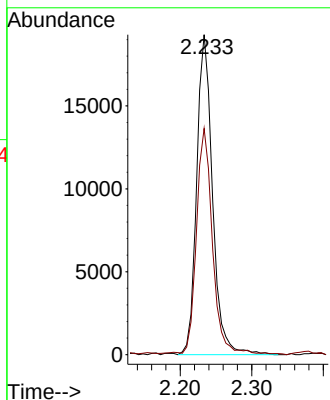
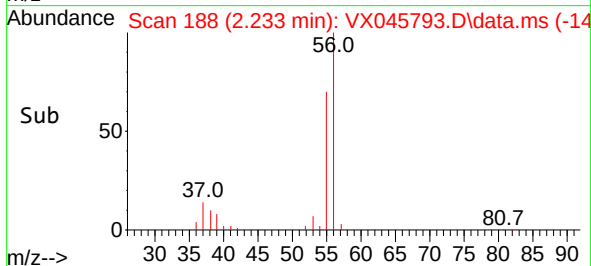
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion: 56 Resp: 29698
Ion Ratio Lower Upper
56 100
55 72.4 56.2 84.2

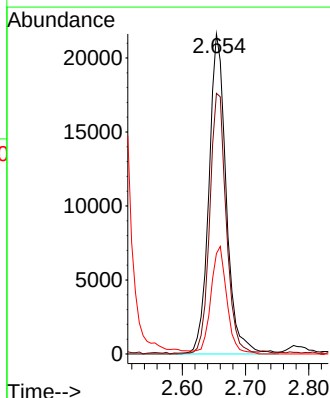
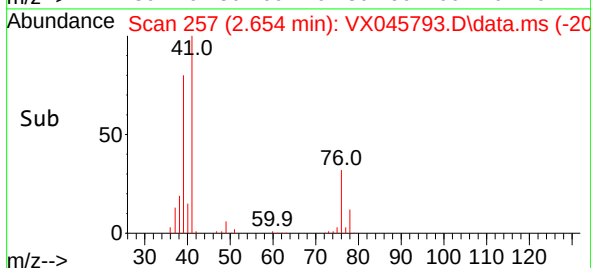
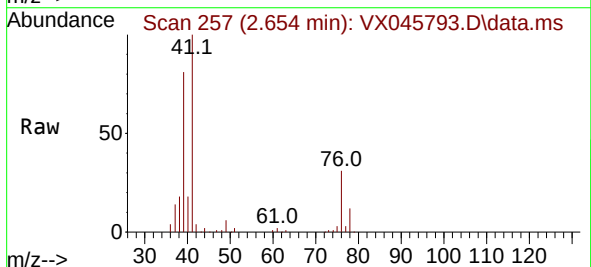
Manual Integrations
APPROVED

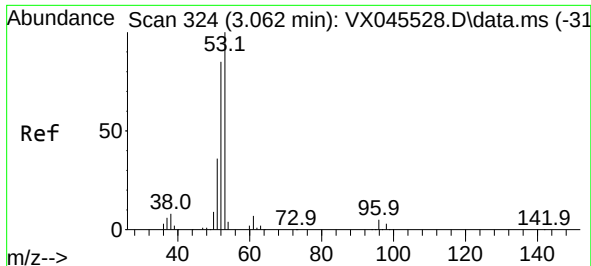
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#14
Allyl chloride
Concen: 18.074 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion: 41 Resp: 41308
Ion Ratio Lower Upper
41 100
39 77.8 60.2 90.2
76 30.8 24.6 36.8





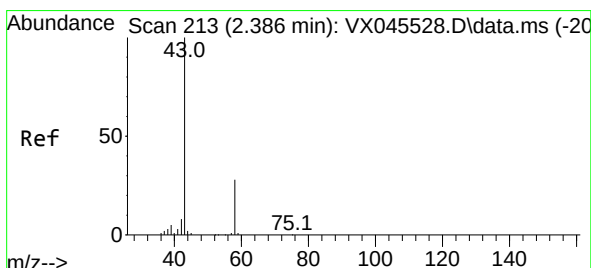
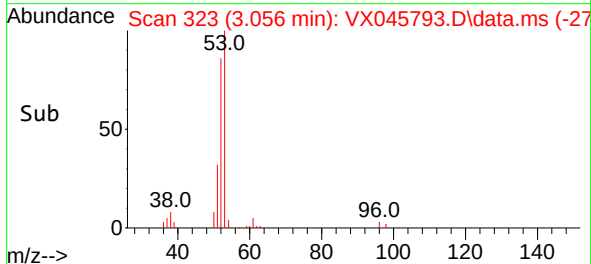
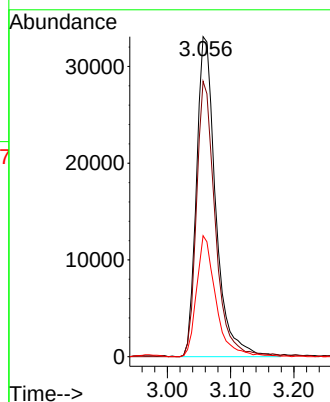
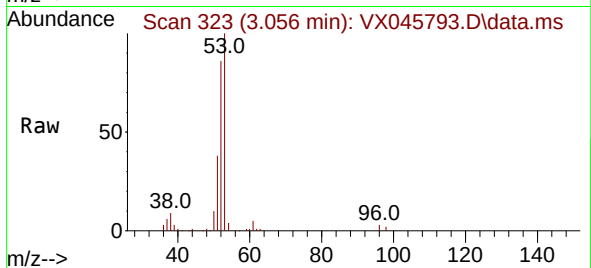
#15
Acrylonitrile
Concen: 90.184 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion: 53 Resp: 7020
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 38.1 29.9 44.9

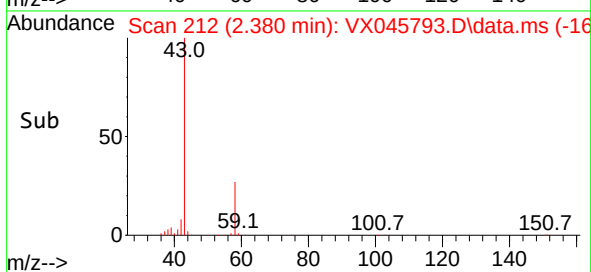
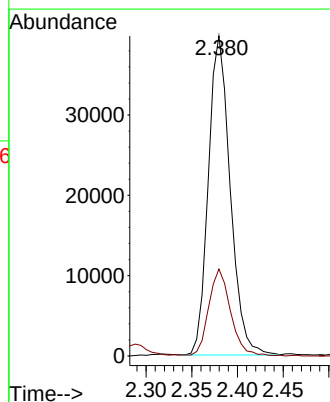
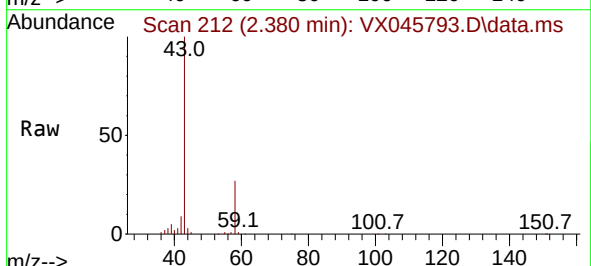
Manual Integrations
APPROVED

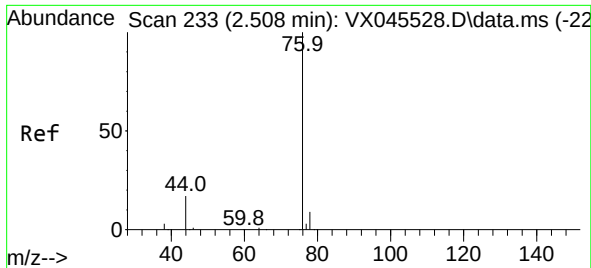
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#16
Acetone
Concen: 87.716 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

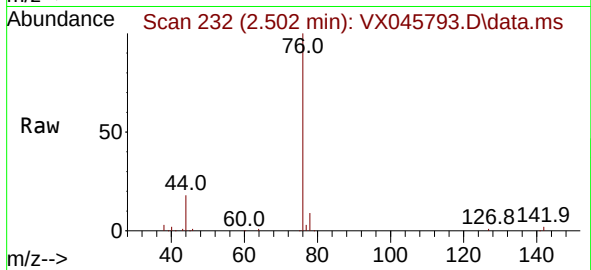
Tgt Ion: 43 Resp: 66091
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





#17
Carbon Disulfide
Concen: 14.170 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

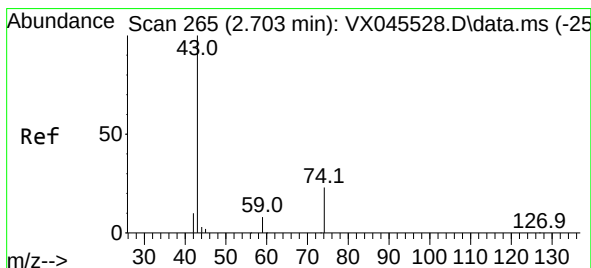
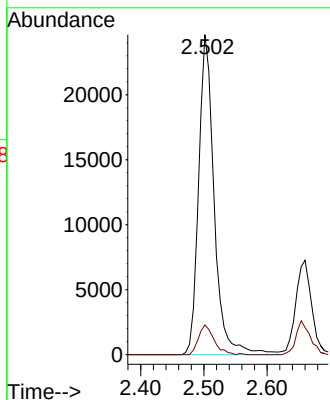
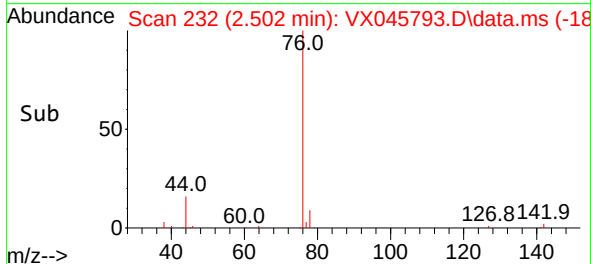
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion: 76 Resp: 42158
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

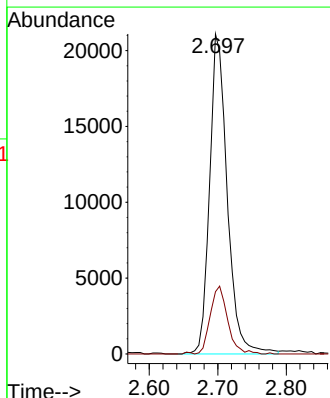
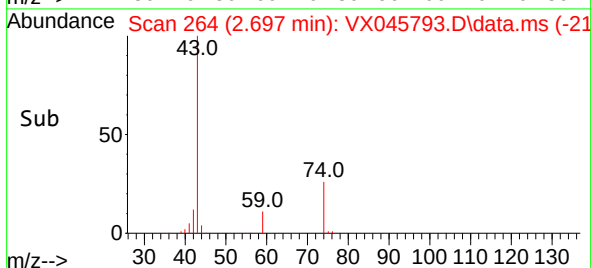
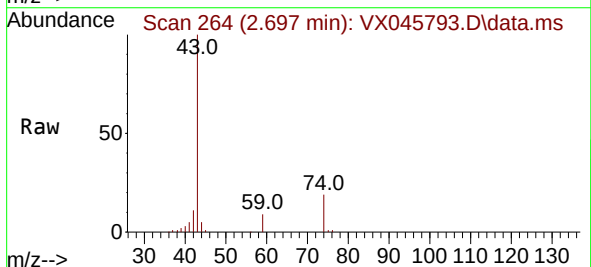
Manual Integrations
APPROVED

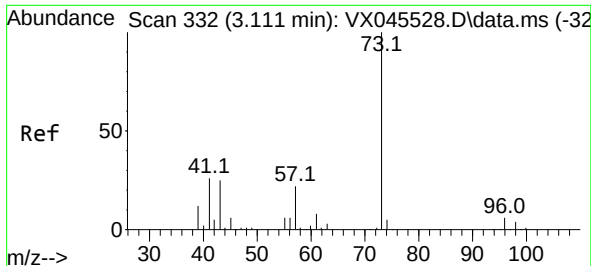
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#18
Methyl Acetate
Concen: 21.772 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion: 43 Resp: 37769
Ion Ratio Lower Upper
43 100
74 20.8 17.5 26.3





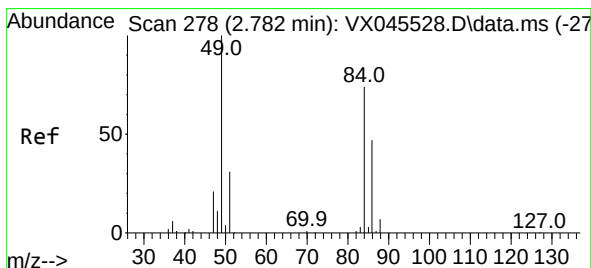
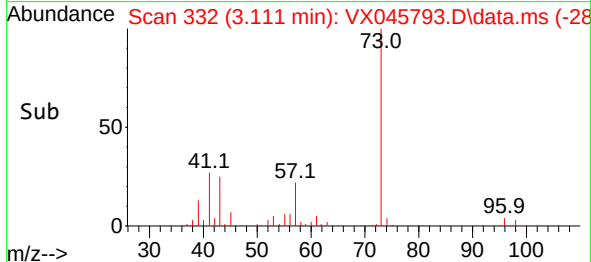
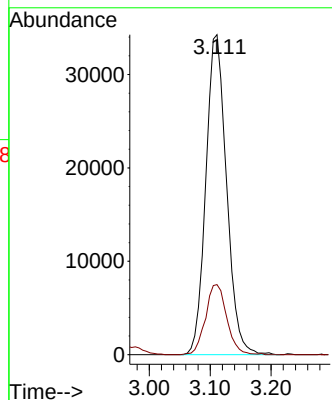
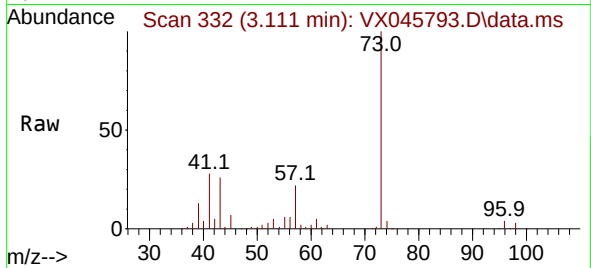
#19
Methyl tert-butyl Ether
Concen: 19.192 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion: 73 Resp: 8086
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

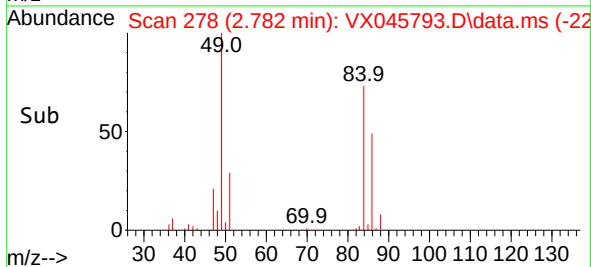
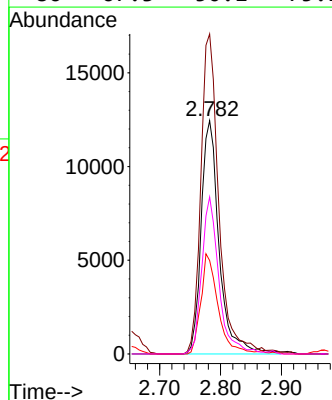
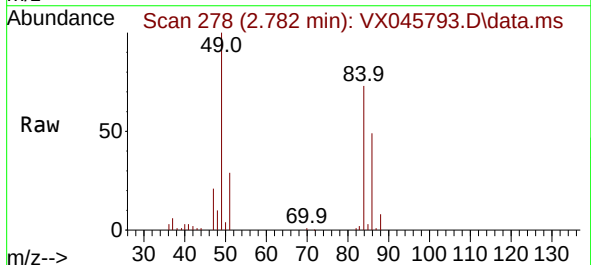
Manual Integrations
APPROVED

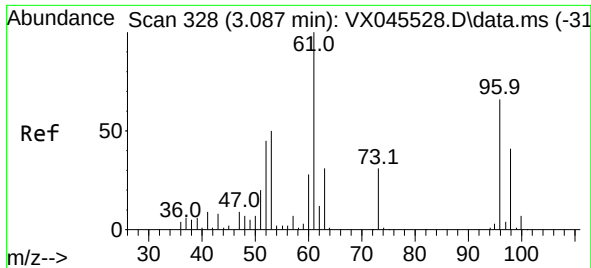
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#20
Methylene Chloride
Concen: 18.156 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

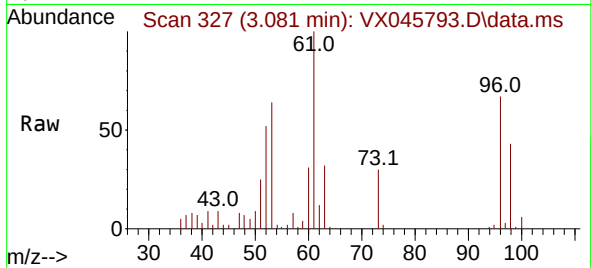
Tgt Ion: 84 Resp: 25611
Ion Ratio Lower Upper
84 100
49 137.2 107.5 161.3
51 40.1 33.0 49.6
86 67.3 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 17.870 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

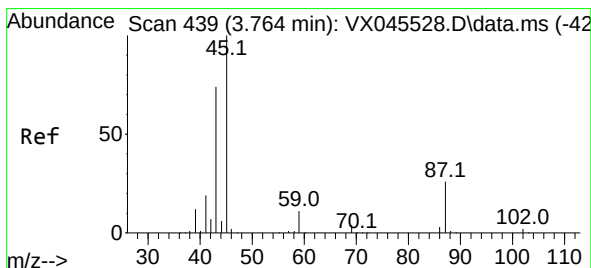
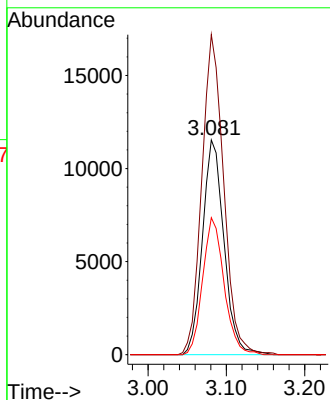
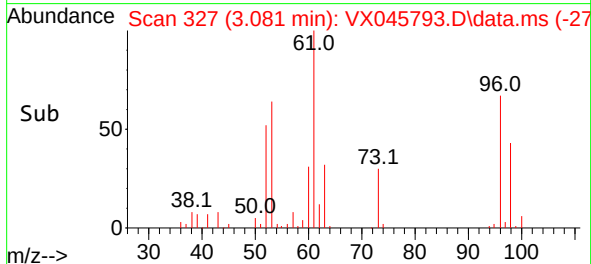
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion: 96 Resp: 2199
Ion Ratio Lower Upper
96 100
61 149.1 121.0 181.6
98 63.8 49.7 74.5

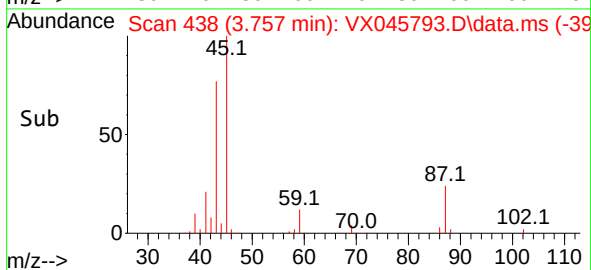
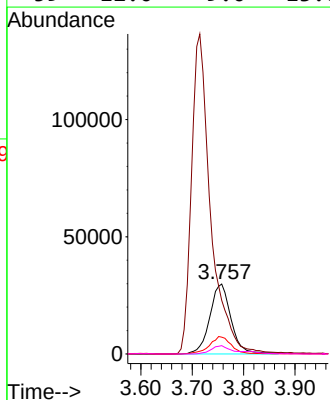
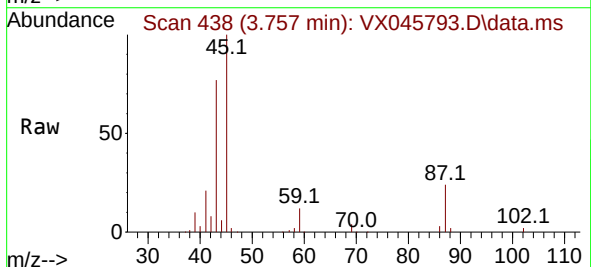
Manual Integrations
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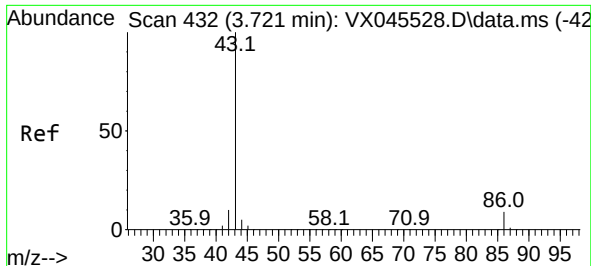
Reviewed By :John Carbone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#22
Diisopropyl ether
Concen: 19.008 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

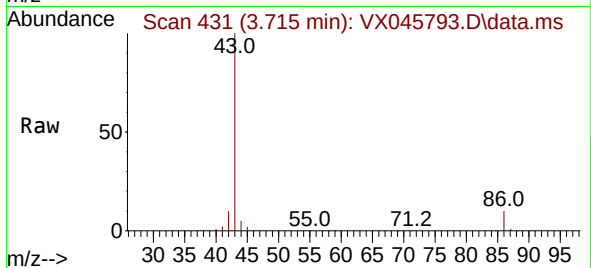
Tgt Ion: 45 Resp: 85577
Ion Ratio Lower Upper
45 100
43 75.6 59.3 88.9
87 24.0 20.4 30.6
59 12.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 91.467 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045793.D
 Acq: 15 Apr 2025 13:36

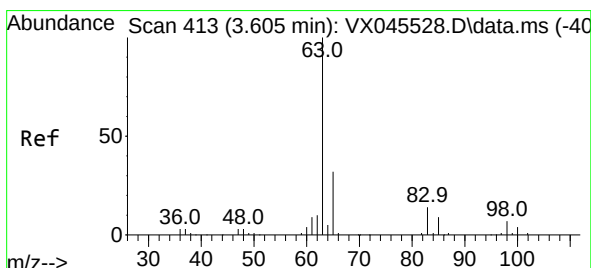
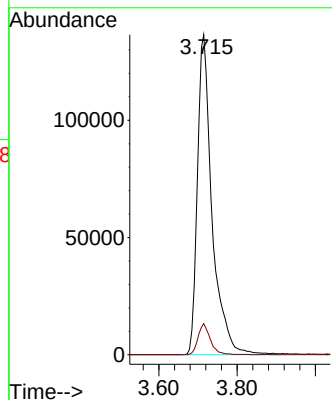
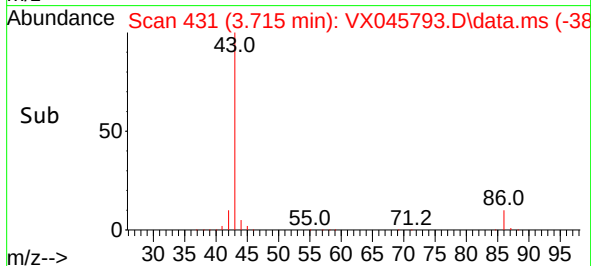
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBSD01



Tgt Ion: 43 Resp: 355789
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

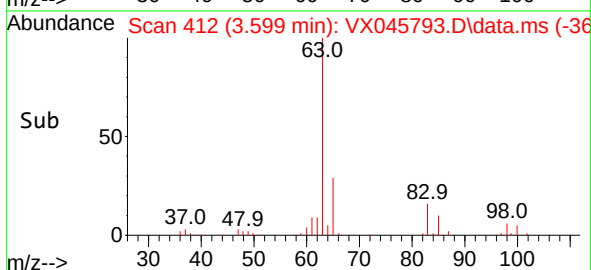
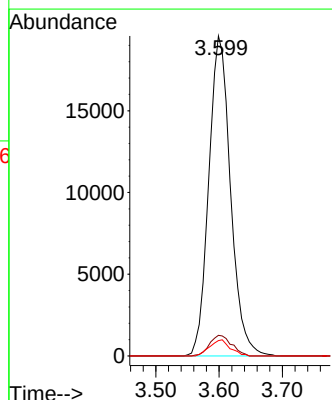
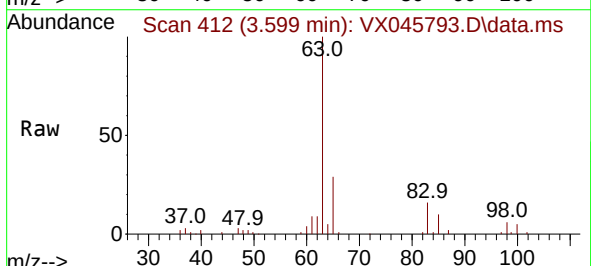
Manual Integrations
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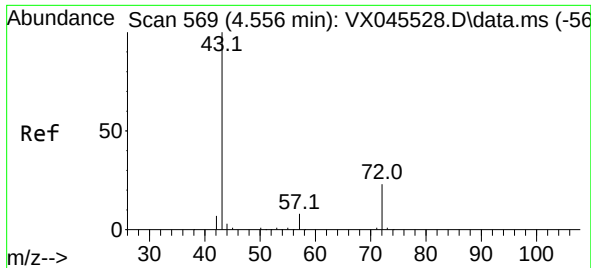
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#24
 1,1-Dichloroethane
 Concen: 18.402 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045793.D
 Acq: 15 Apr 2025 13:36

Tgt Ion: 63 Resp: 46854
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.8 2.2 6.6





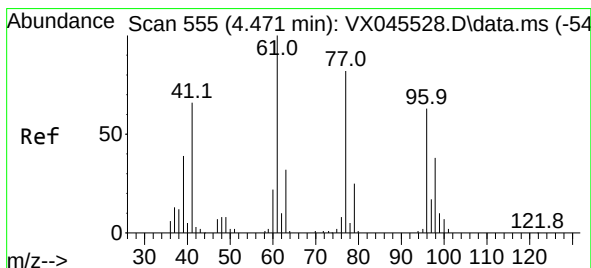
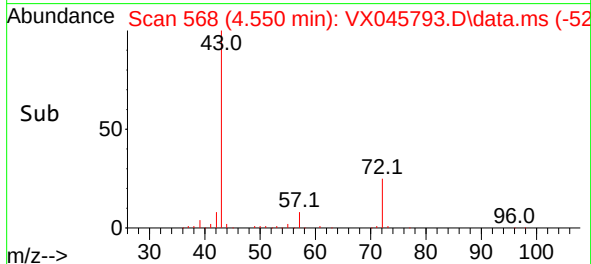
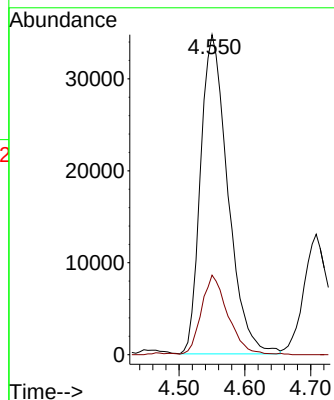
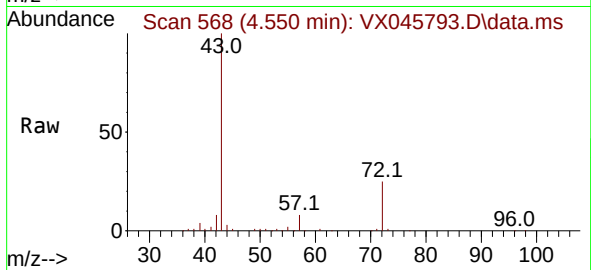
#25
2-Butanone
Concen: 90.787 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion: 43 Resp: 10013
Ion Ratio Lower Upper
43 100
72 24.7 18.6 28.0

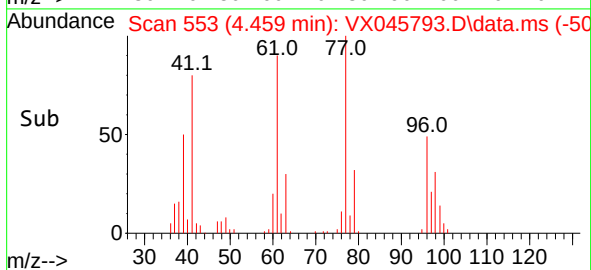
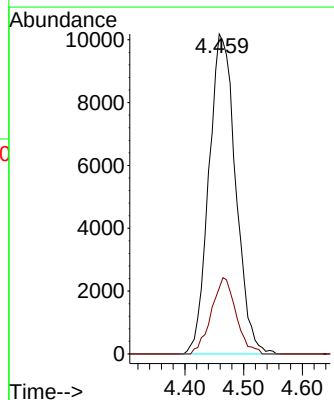
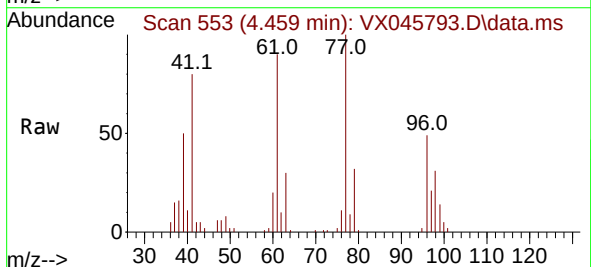
Manual Integrations
APPROVED

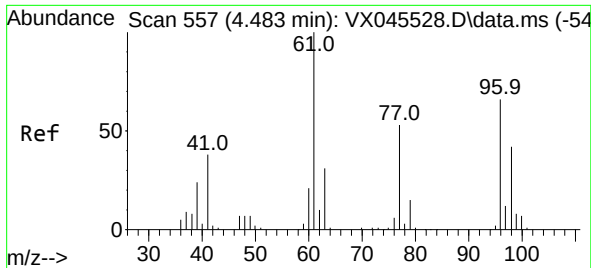
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#26
2,2-Dichloropropane
Concen: 19.582 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion: 77 Resp: 32213
Ion Ratio Lower Upper
77 100
97 22.0 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 18.270 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBSD01

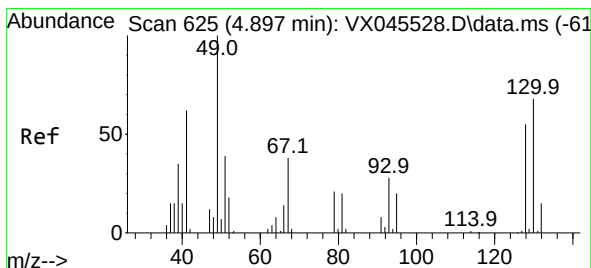
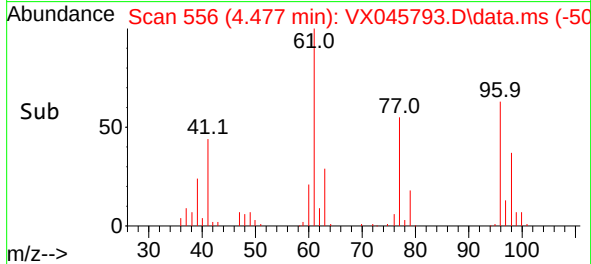
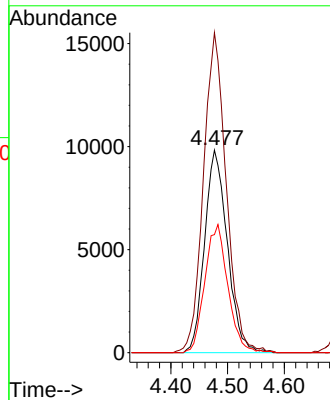
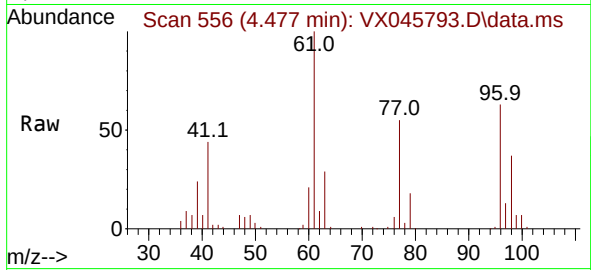
Tgt Ion: 96 Resp: 27392
 Ion Ratio Lower Upper
 96 100
 61 158.6 0.0 313.2
 98 64.1 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#28

Bromochloromethane

Concen: 19.885 ug/l

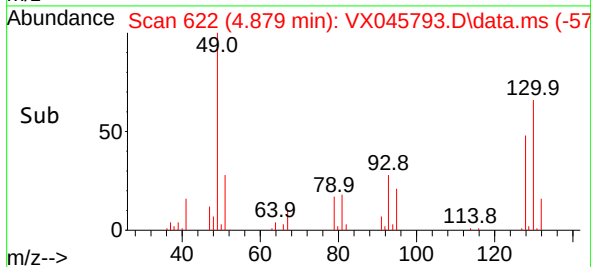
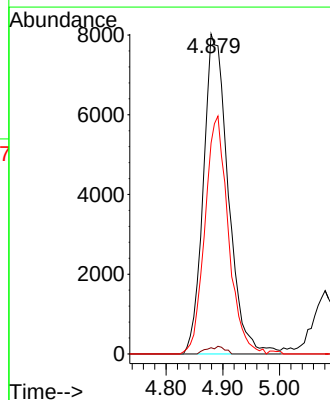
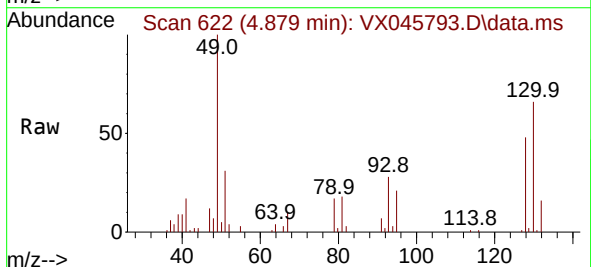
RT: 4.879 min Scan# 622

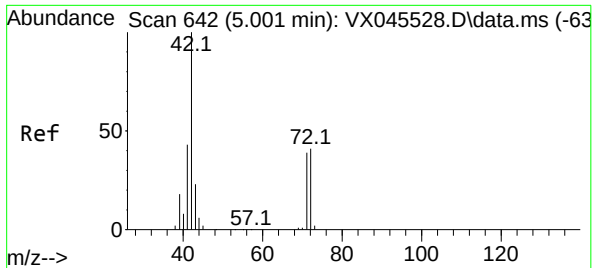
Delta R.T. -0.018 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Tgt Ion: 49 Resp: 24467
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 70.0 54.6 81.8





#29

Tetrahydrofuran

Concen: 89.402 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 42 Resp: 63928

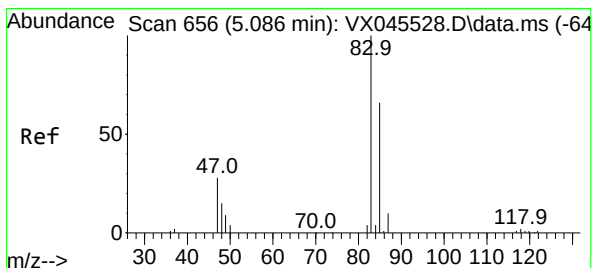
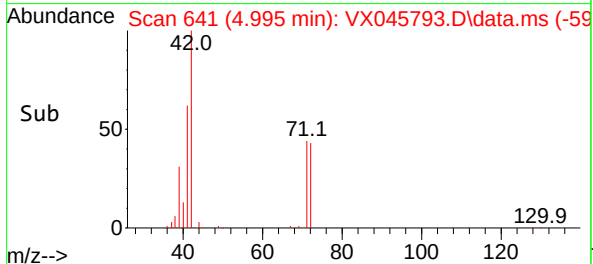
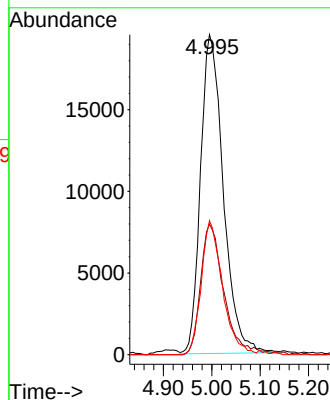
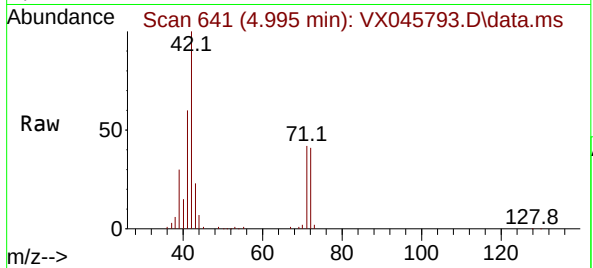
Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.4	50.0
71	39.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#30

Chloroform

Concen: 19.144 ug/l

RT: 5.086 min Scan# 656

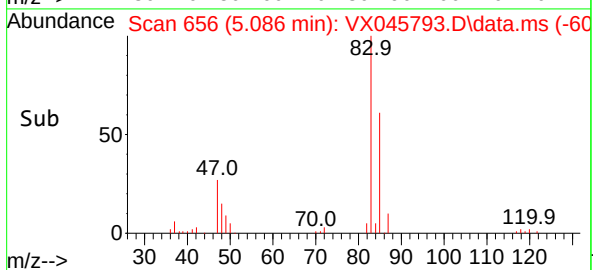
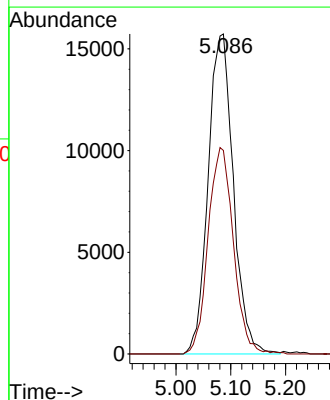
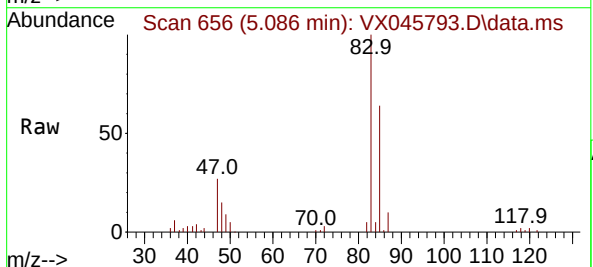
Delta R.T. 0.000 min

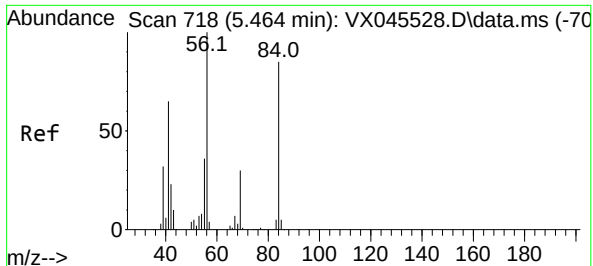
Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Tgt Ion: 83 Resp: 50154

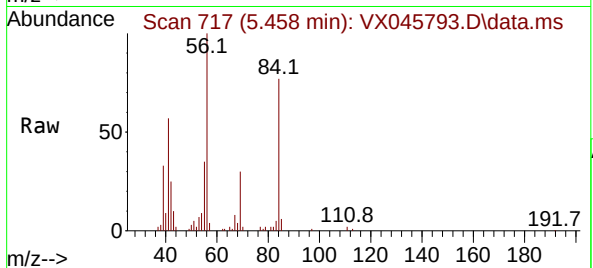
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.8	79.2





#31
Cyclohexane
Concen: 18.017 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

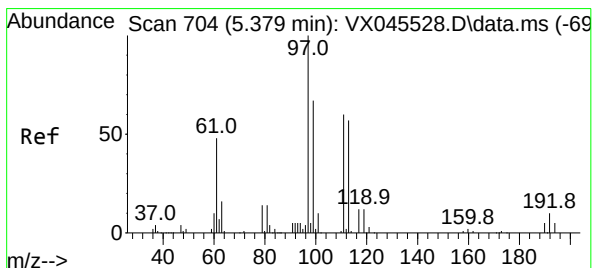
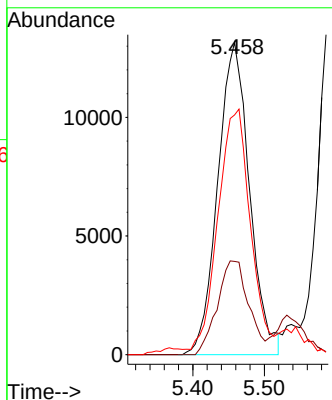
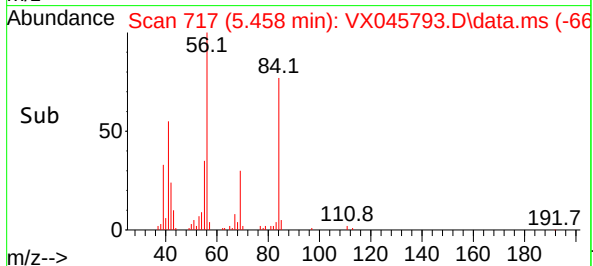
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion: 56 Resp: 40554
Ion Ratio Lower Upper
56 100
69 29.9 23.6 35.4
84 75.0 67.7 101.5

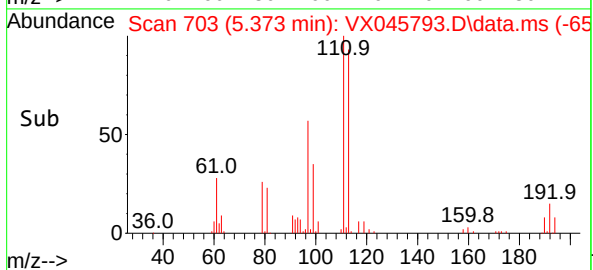
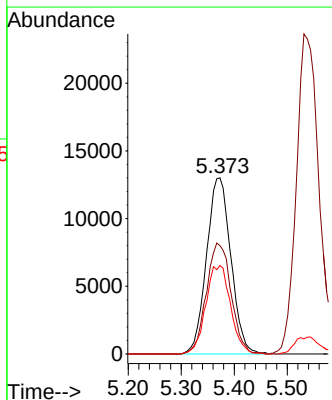
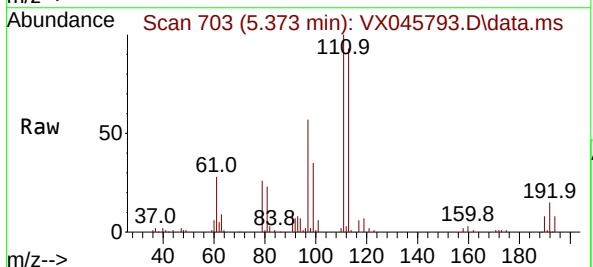
Manual Integrations
APPROVED

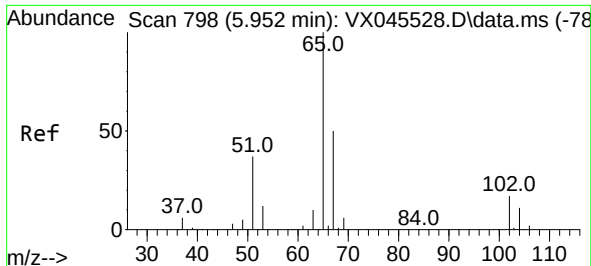
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#32
1,1,1-Trichloroethane
Concen: 18.748 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion: 97 Resp: 41561
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 50.9 41.0 61.4





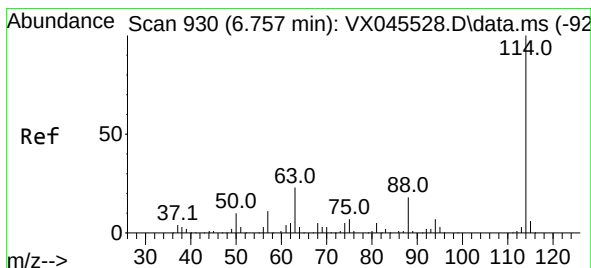
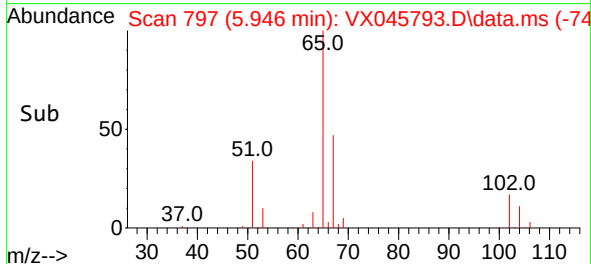
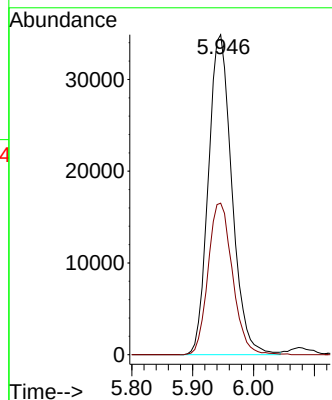
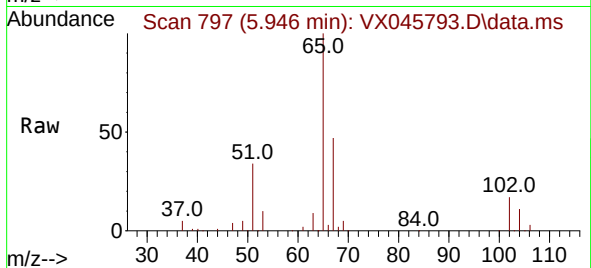
#33
 1,2-Dichloroethane-d4
 Concen: 51.025 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045793.D
 Acq: 15 Apr 2025 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBSD01

Tgt Ion: 65 Resp: 93620
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.0

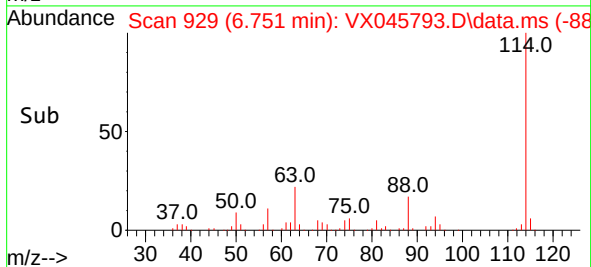
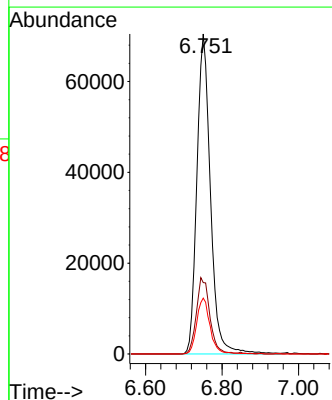
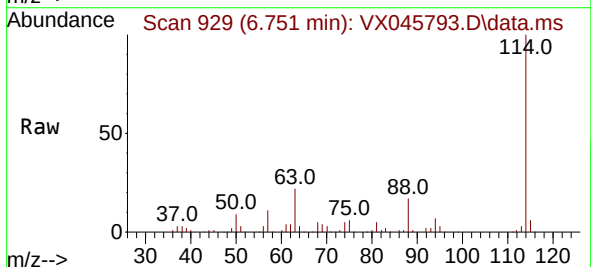
Manual Integrations
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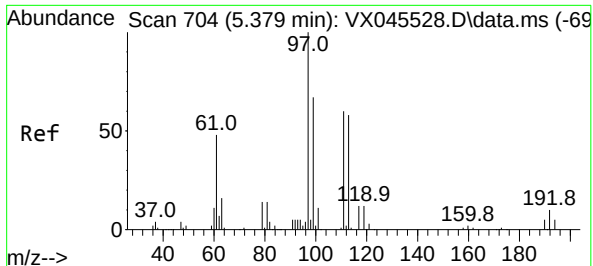
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX045793.D
 Acq: 15 Apr 2025 13:36

Tgt Ion:114 Resp: 173417
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.8
 88 17.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.562 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045793.D

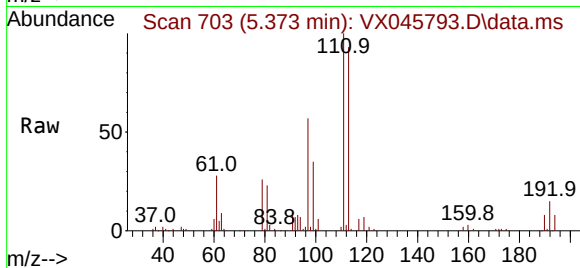
Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBSD01



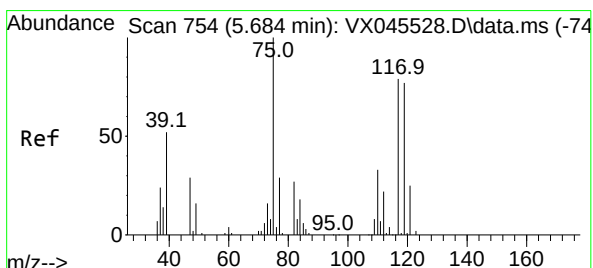
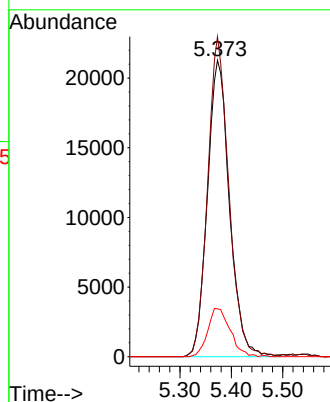
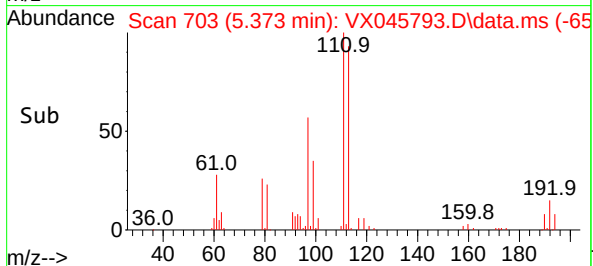
Tgt Ion:	113	Resp:	6344
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.6
192	16.5	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#36

1,1-Dichloropropene

Concen: 18.441 ug/l

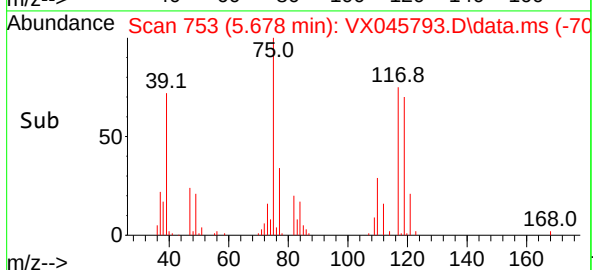
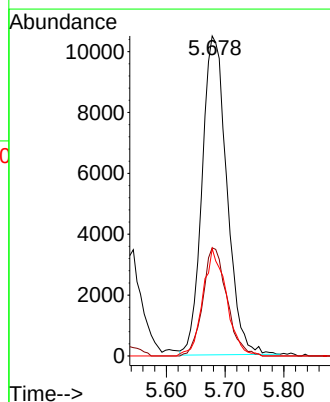
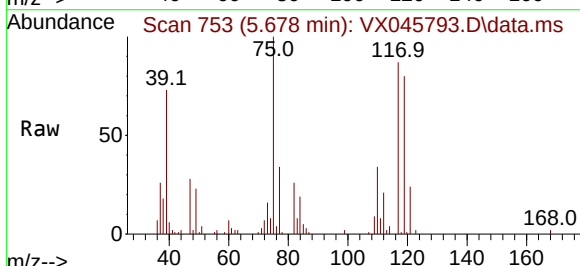
RT: 5.678 min Scan# 753

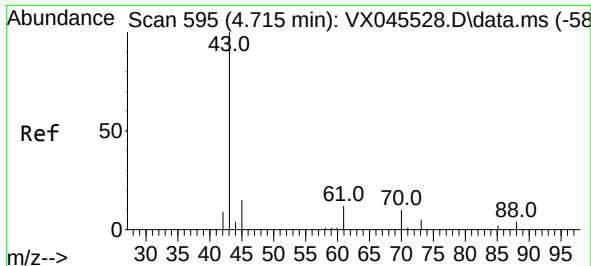
Delta R.T. -0.006 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

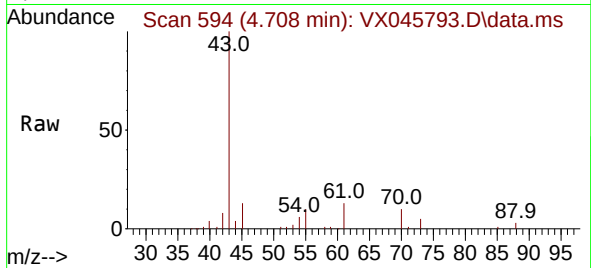
Tgt Ion:	75	Resp:	30635
Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.9	50.6
77	32.1	25.0	37.4





#37
Ethyl Acetate
Concen: 16.864 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

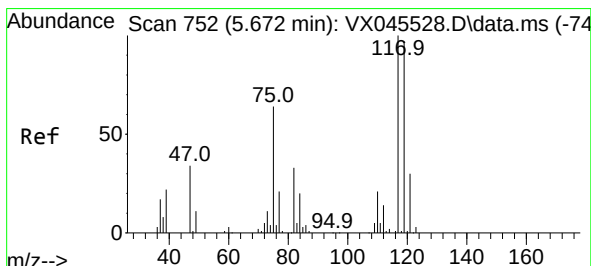
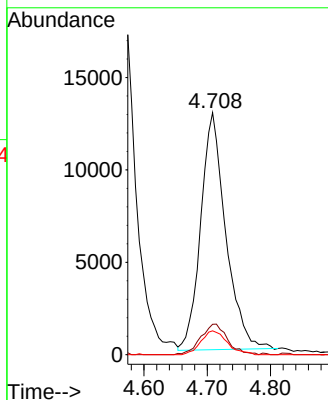
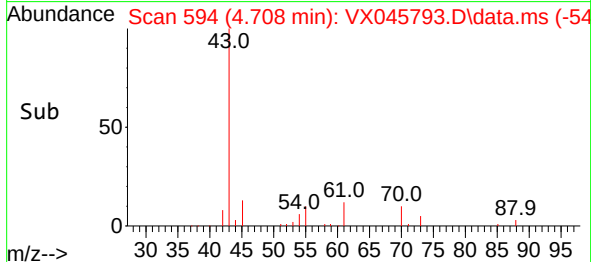
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion: 43 Resp: 35300
Ion Ratio Lower Upper
43 100
61 13.7 9.9 14.9
70 10.5 7.5 11.3

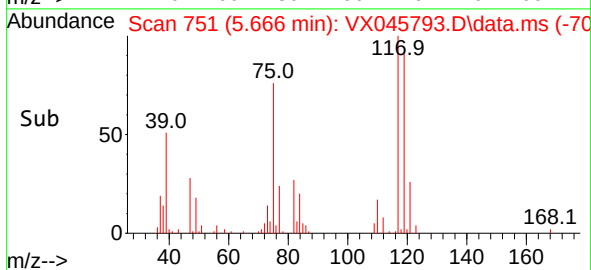
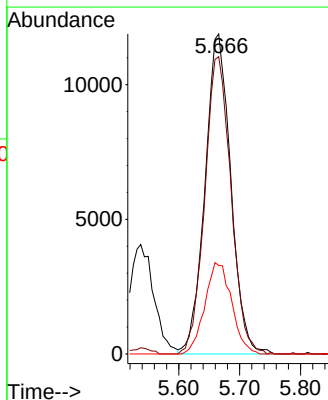
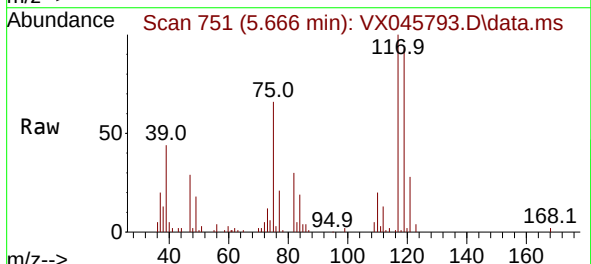
Manual Integrations
APPROVED

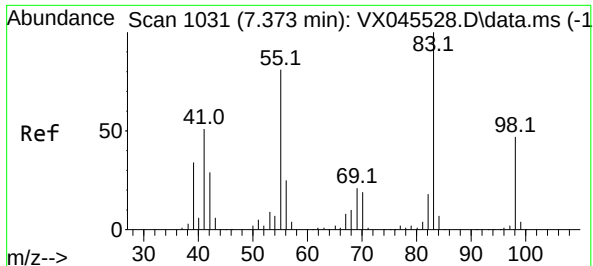
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#38
Carbon Tetrachloride
Concen: 19.477 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

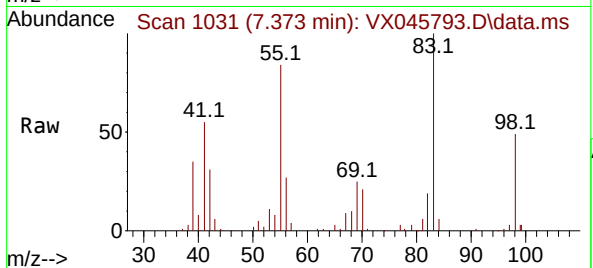
Tgt Ion:117 Resp: 34969
Ion Ratio Lower Upper
117 100
119 92.9 76.9 115.3
121 27.7 24.2 36.2





#39
Methylcyclohexane
Concen: 18.735 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

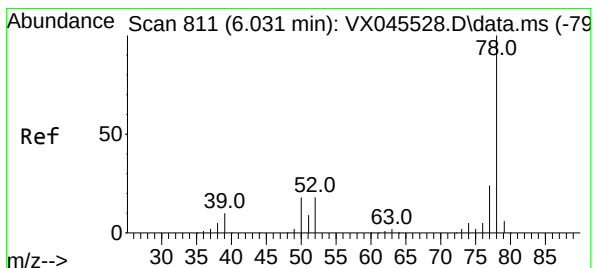
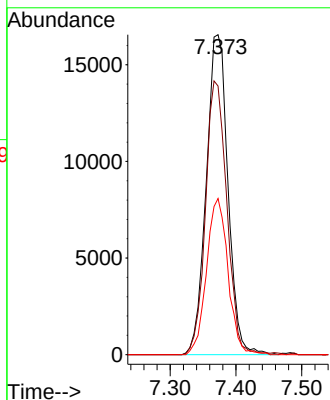
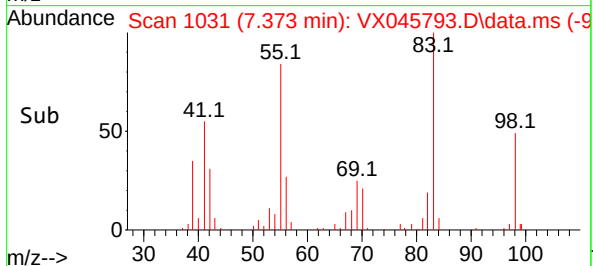
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion: 83 Resp: 3815
Ion Ratio Lower Upper
83 100
55 84.0 64.9 97.3
98 48.8 37.4 56.0

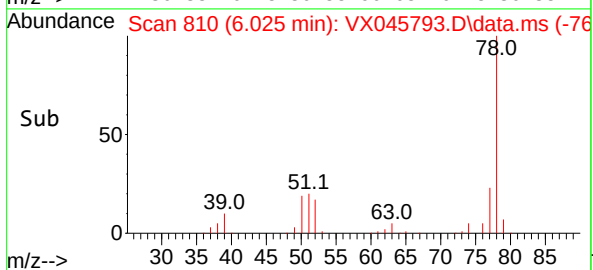
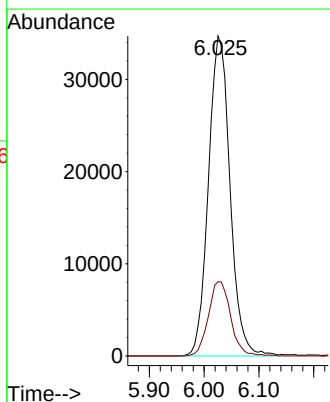
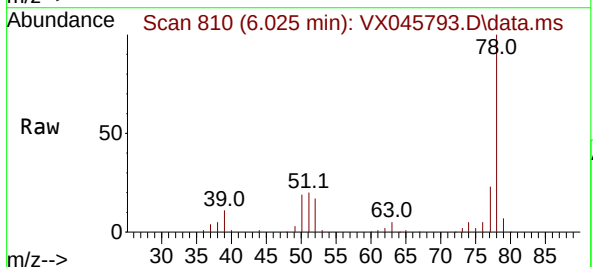
Manual Integrations
APPROVED

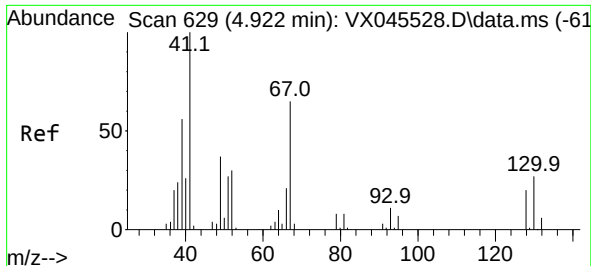
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#40
Benzene
Concen: 18.713 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

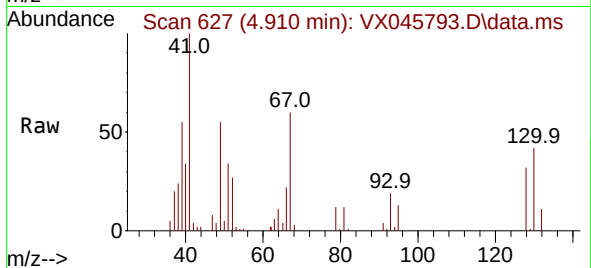
Tgt Ion: 78 Resp: 94946
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 19.460 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

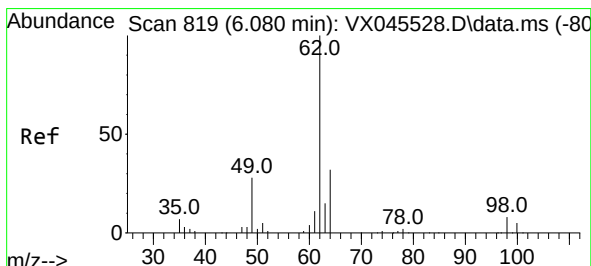
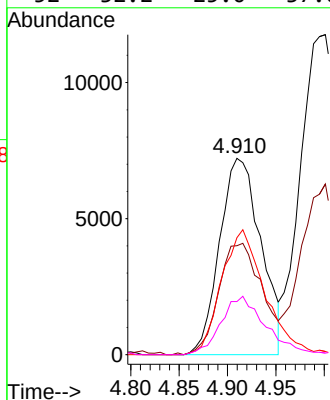
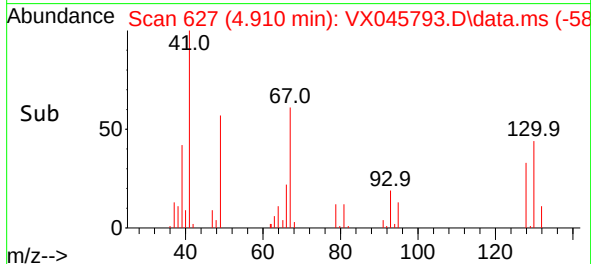
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion:	41	Resp:	21490
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.0	70.6
67	67.0	53.2	79.8
52	32.2	25.0	37.6

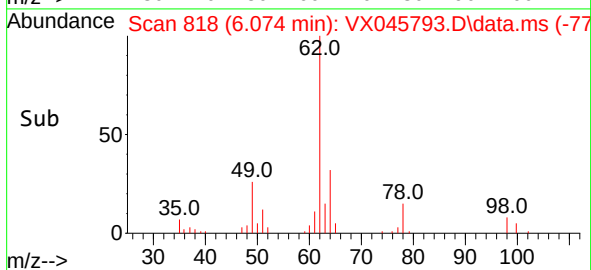
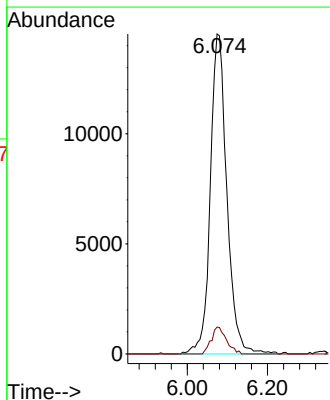
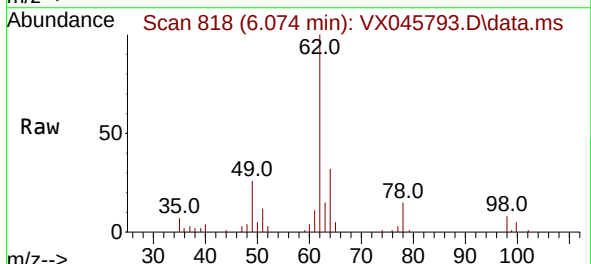
Manual Integrations
APPROVED

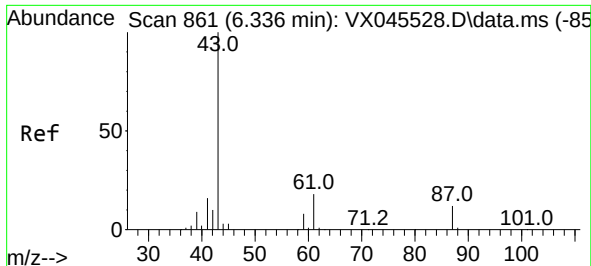
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#42
1,2-Dichloroethane
Concen: 19.875 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

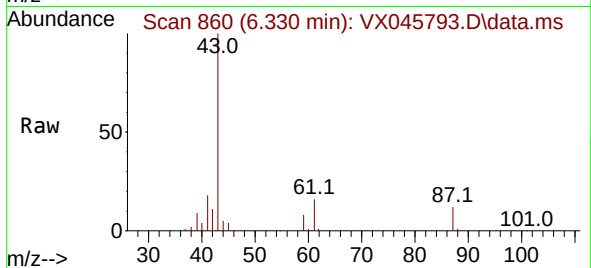
Tgt Ion:	62	Resp:	41650
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2





#43
Isopropyl Acetate
Concen: 18.565 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

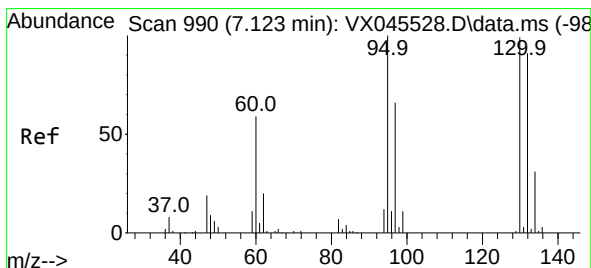
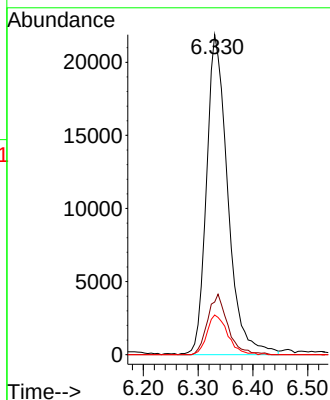
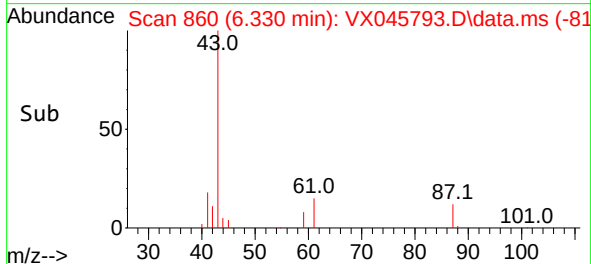
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



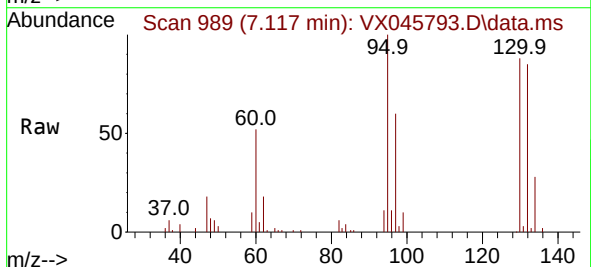
Tgt Ion: 43 Resp: 58908
Ion Ratio Lower Upper
43 100
61 18.0 14.1 21.1
87 12.1 9.2 13.8

Manual Integrations
APPROVED

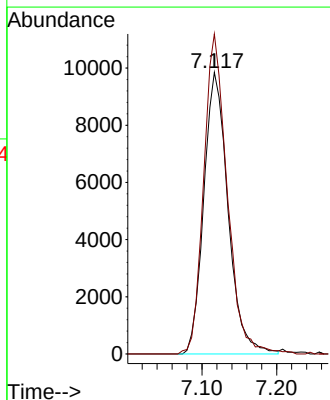
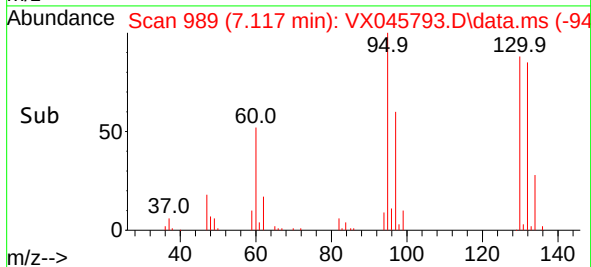
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

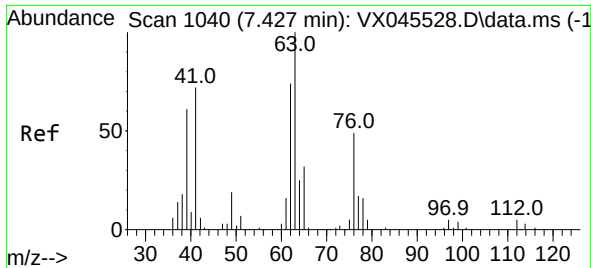


#44
Trichloroethene
Concen: 18.457 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36



Tgt Ion:130 Resp: 22258
Ion Ratio Lower Upper
130 100
95 113.6 0.0 202.0





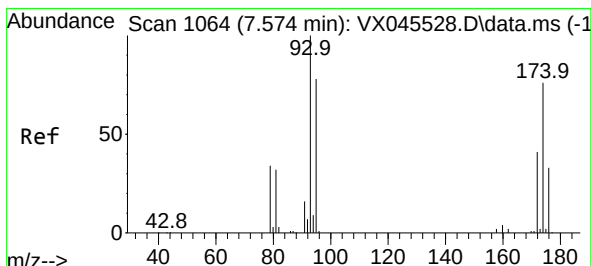
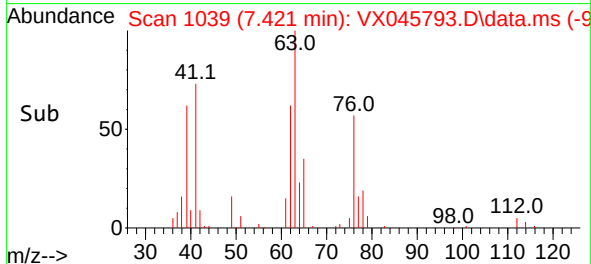
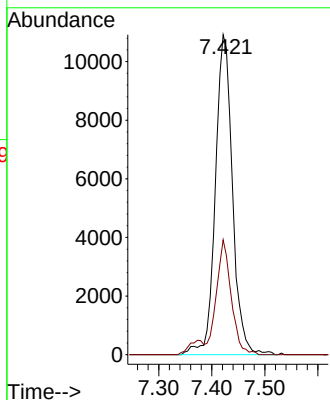
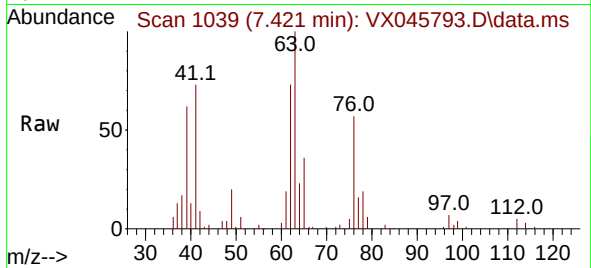
#45
1,2-Dichloropropane
Concen: 19.371 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion: 63 Resp: 2452
Ion Ratio Lower Upper
63 100
65 35.9 25.8 38.6

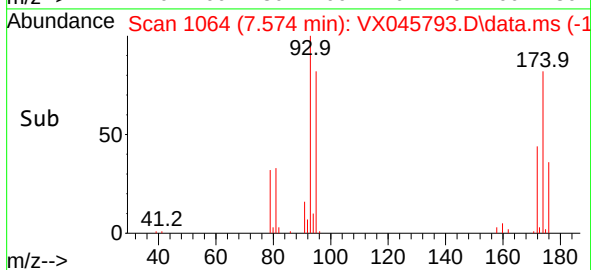
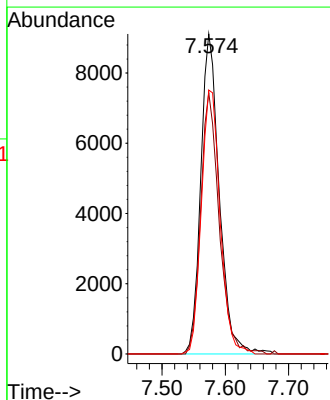
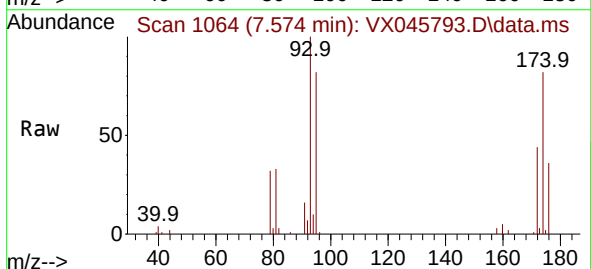
Manual Integrations
APPROVED

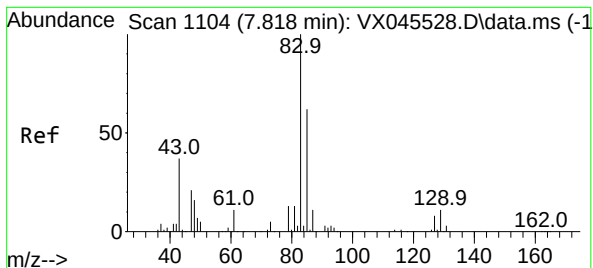
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#46
Dibromomethane
Concen: 19.142 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion: 93 Resp: 18602
Ion Ratio Lower Upper
93 100
95 81.6 64.8 97.2
174 83.8 65.4 98.0





#47

Bromodichloromethane

Concen: 18.957 ug/l

RT: 7.812 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBSD01

Tgt Ion: 83 Resp: 3679

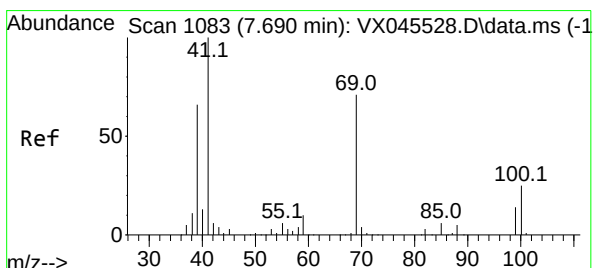
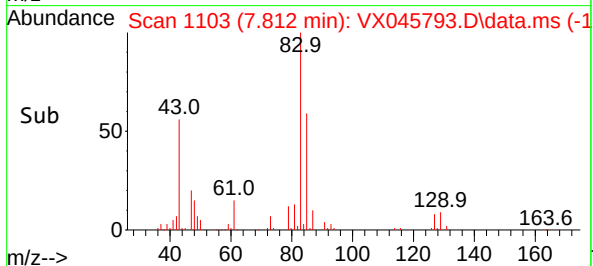
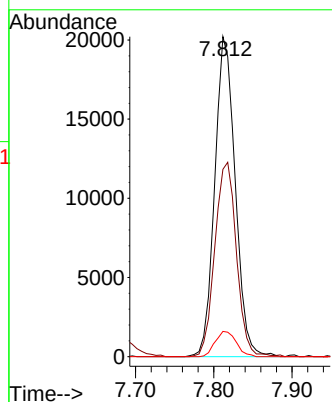
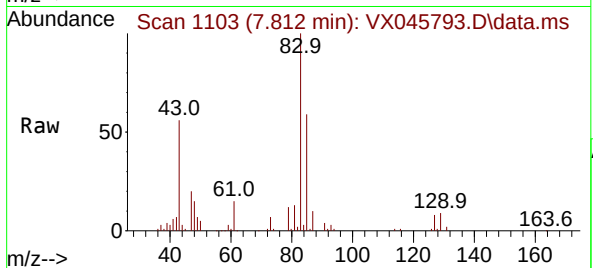
Ion	Ratio	Lower	Upper
83	100		
85	58.6	49.7	74.5
127	7.9	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#48

Methyl methacrylate

Concen: 18.972 ug/l

RT: 7.684 min Scan# 1082

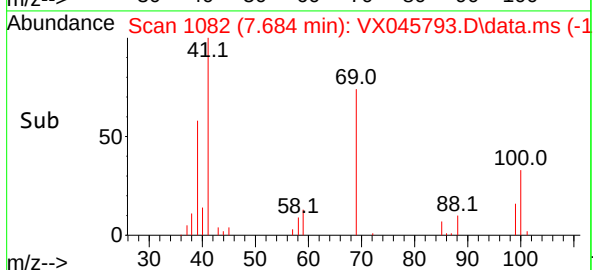
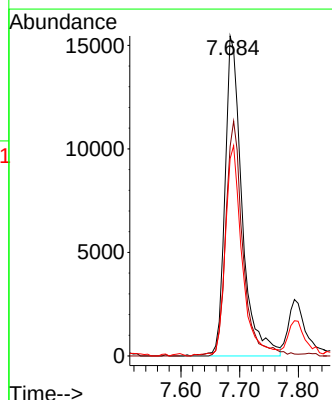
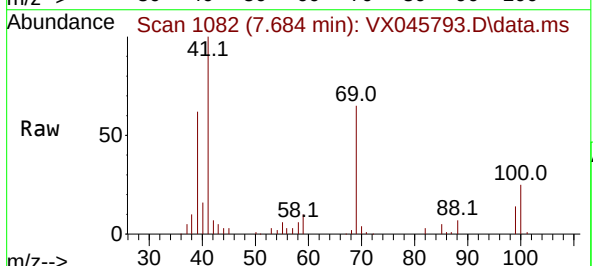
Delta R.T. -0.006 min

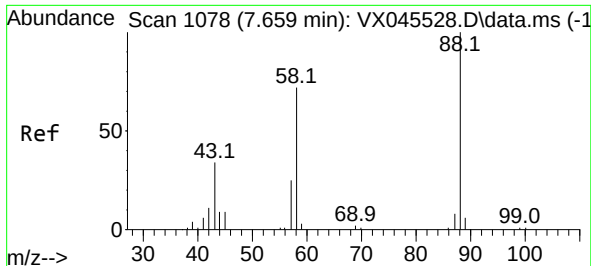
Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Tgt Ion: 41 Resp: 31082

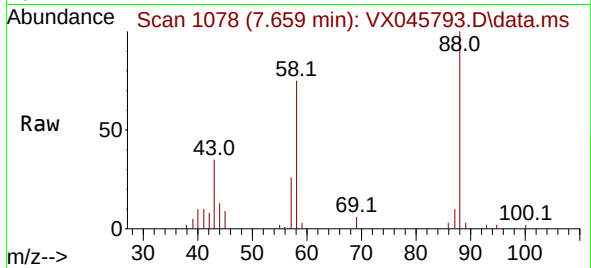
Ion	Ratio	Lower	Upper
41	100		
69	73.2	58.2	87.2
39	65.5	53.6	80.4





#49
1,4-Dioxane
Concen: 345.092 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

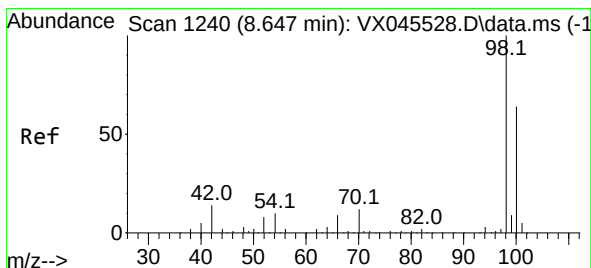
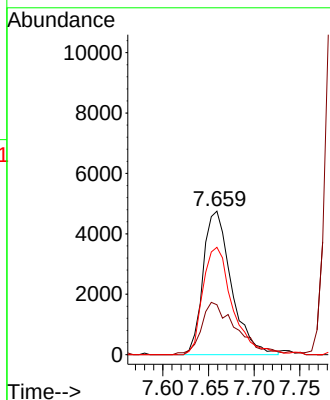
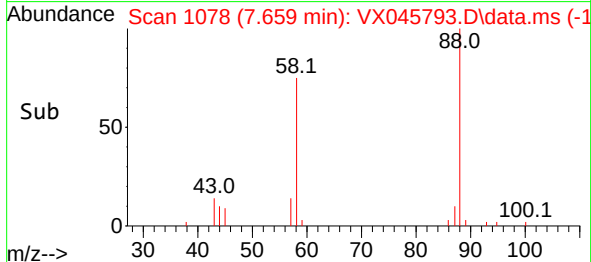
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion: 88 Resp: 10229
Ion Ratio Lower Upper
88 100
43 44.9 32.2 48.4
58 78.0 58.6 88.0

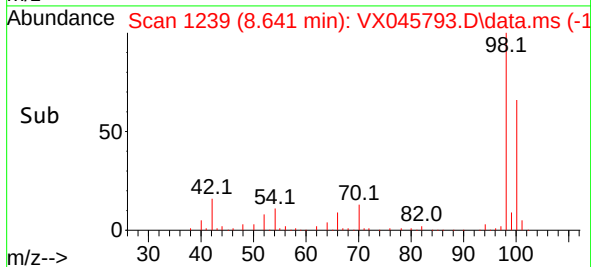
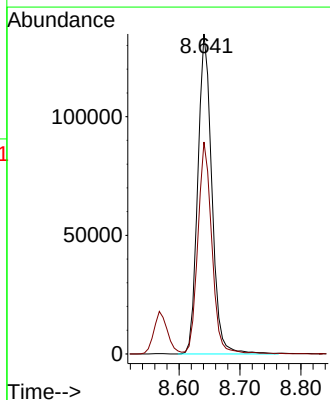
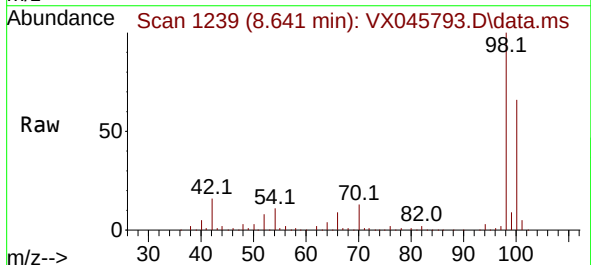
Manual Integrations
APPROVED

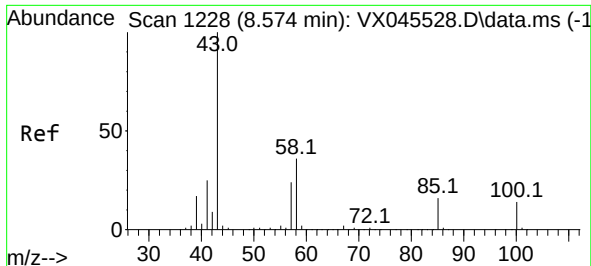
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#50
Toluene-d8
Concen: 50.382 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion: 98 Resp: 216367
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4





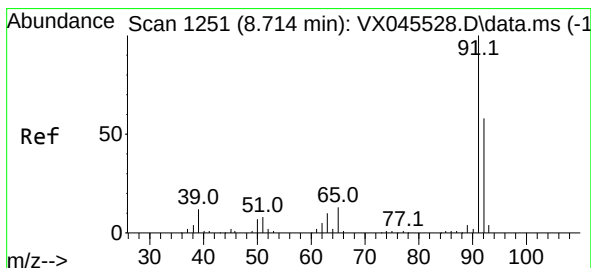
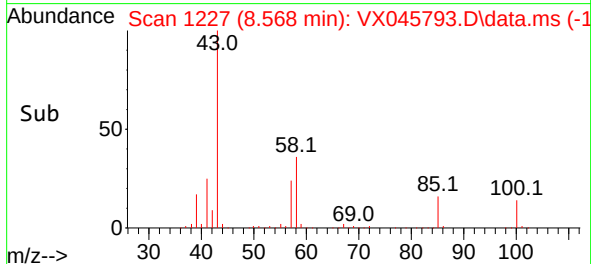
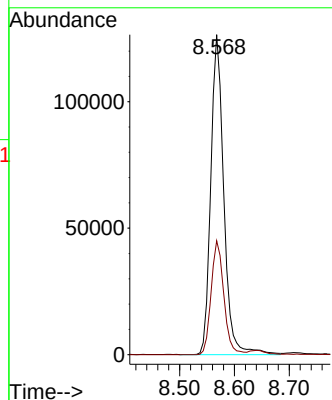
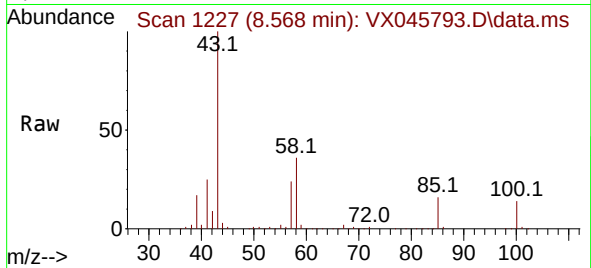
#51
4-Methyl-2-Pentanone
Concen: 99.028 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion: 43 Resp: 20830
Ion Ratio Lower Upper
43 100
58 34.8 28.5 42.7

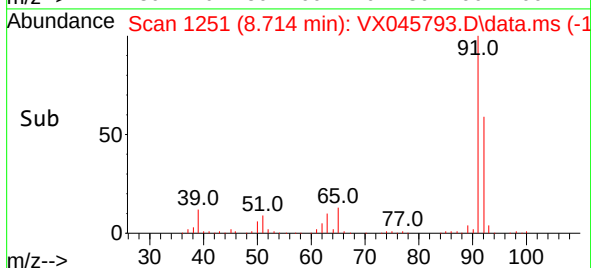
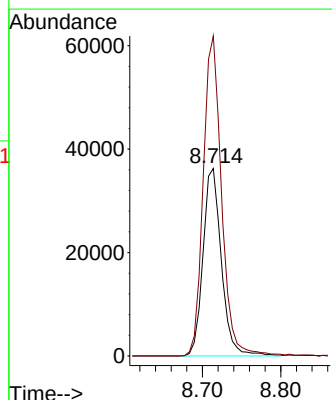
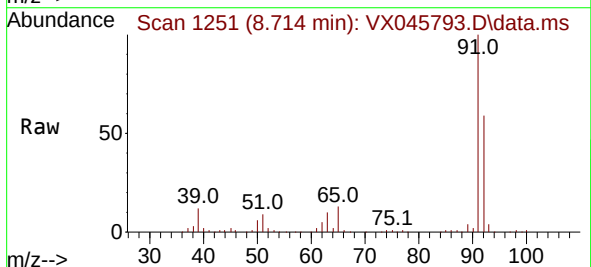
Manual Integrations
APPROVED

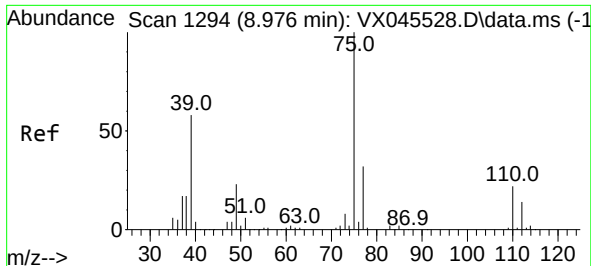
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#52
Toluene
Concen: 19.234 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion: 92 Resp: 59050
Ion Ratio Lower Upper
92 100
91 170.6 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 17.590 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

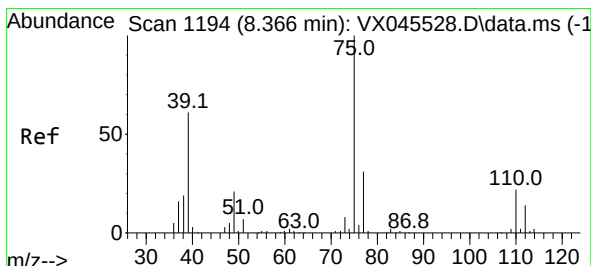
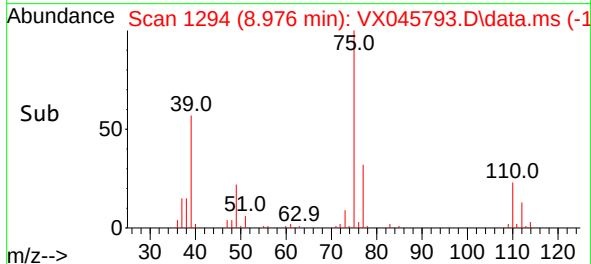
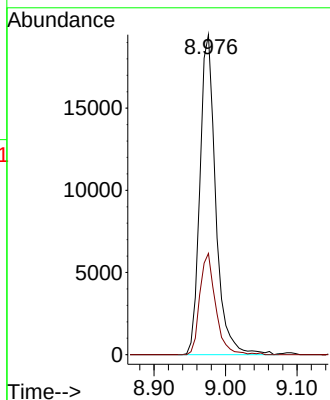
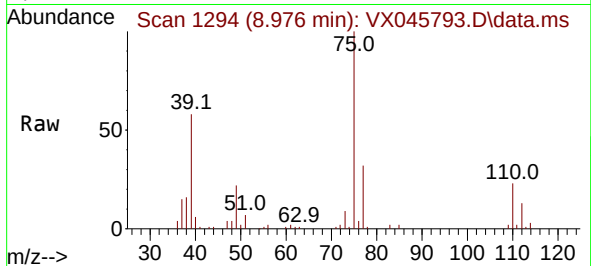
VX0415MBSD01

Tgt Ion: 75 Resp: 29920
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

Manual Integrations

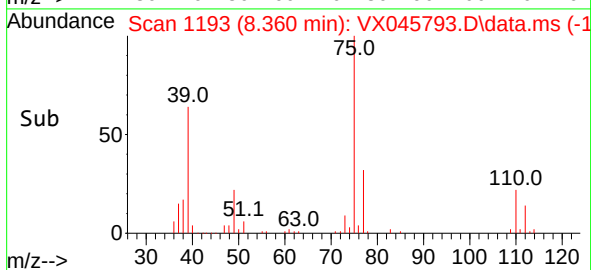
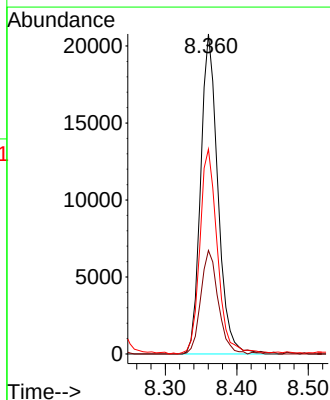
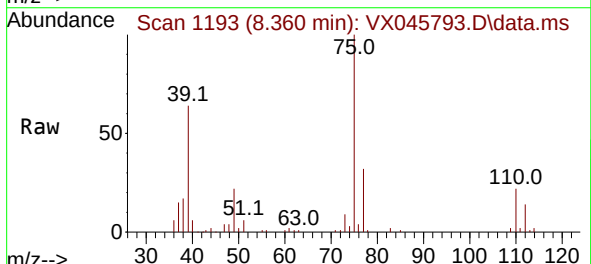
APPROVED

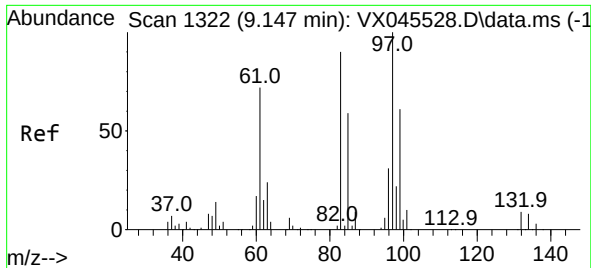
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#54
cis-1,3-Dichloropropene
Concen: 19.056 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

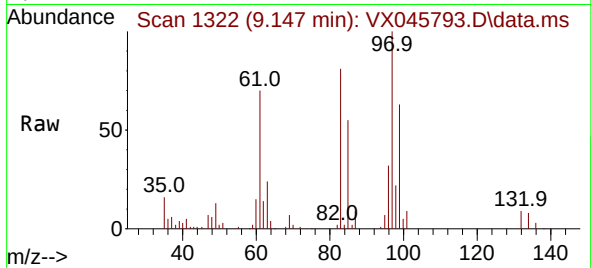
Tgt Ion: 75 Resp: 34754
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8
39 64.0 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 19.669 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

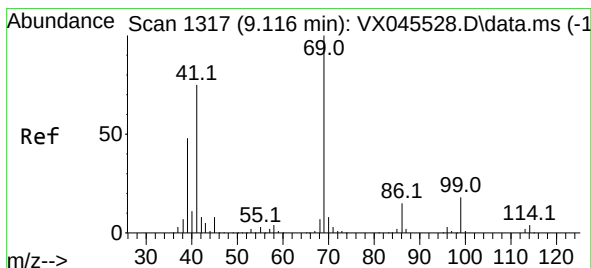
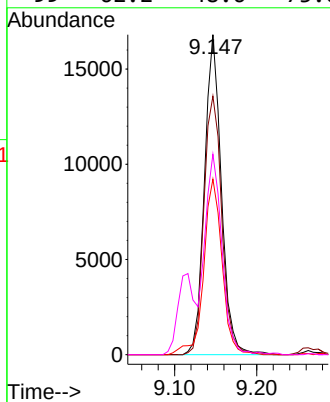
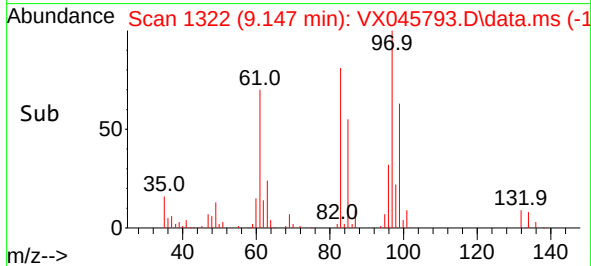
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



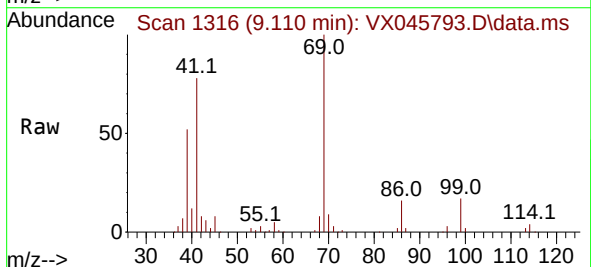
Tgt Ion: 97 Resp: 2406
Ion Ratio Lower Upper
97 100
83 80.8 71.8 107.8
85 54.8 47.0 70.6
99 62.2 48.6 73.0

Manual Integrations
APPROVED

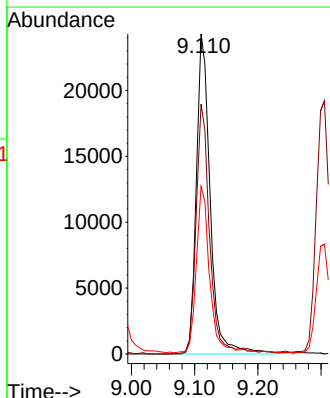
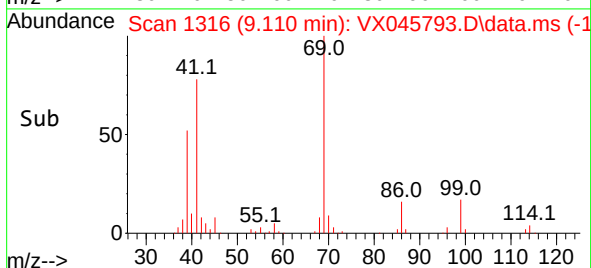
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

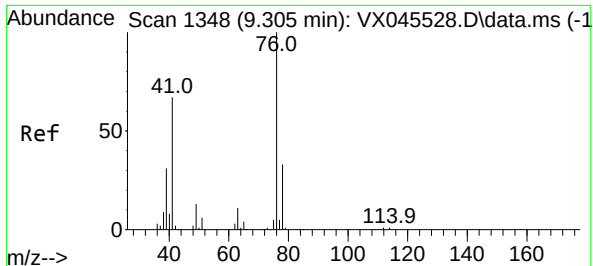


#56
Ethyl methacrylate
Concen: 19.540 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36



Tgt Ion: 69 Resp: 36997
Ion Ratio Lower Upper
69 100
41 76.7 61.3 91.9
39 50.7 40.2 60.2





#57

1,3-Dichloropropane

Concen: 19.494 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBSD01

Tgt Ion: 76 Resp: 41529

Ion Ratio Lower Upper

76 100

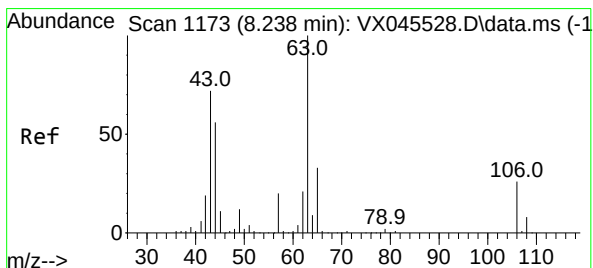
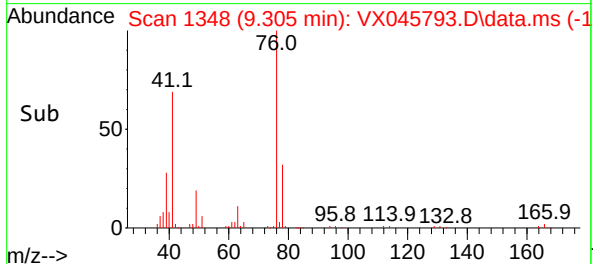
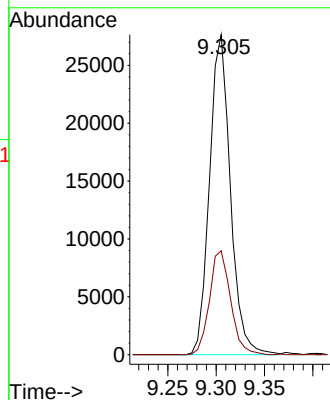
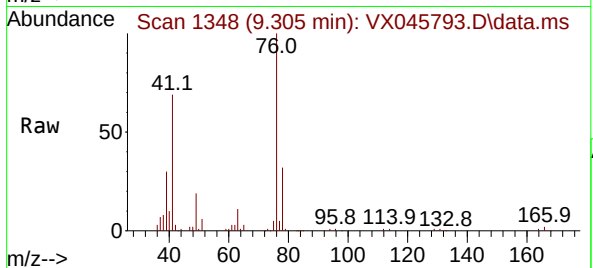
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 106.611 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045793.D

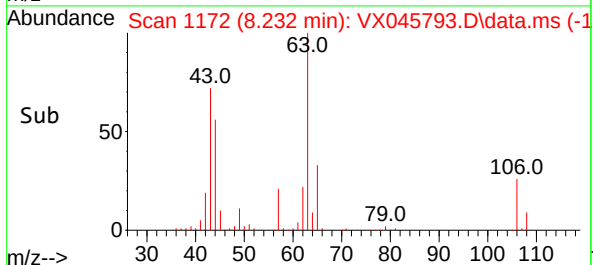
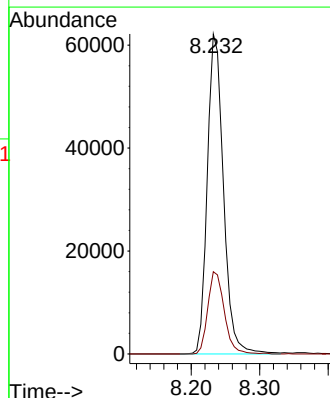
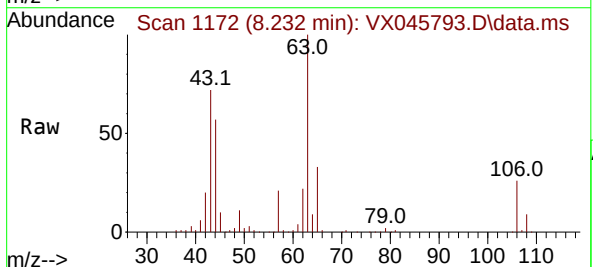
Acq: 15 Apr 2025 13:36

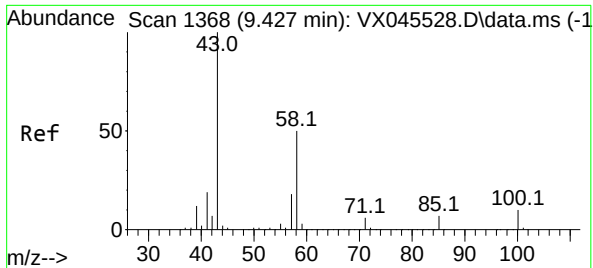
Tgt Ion: 63 Resp: 102111

Ion Ratio Lower Upper

63 100

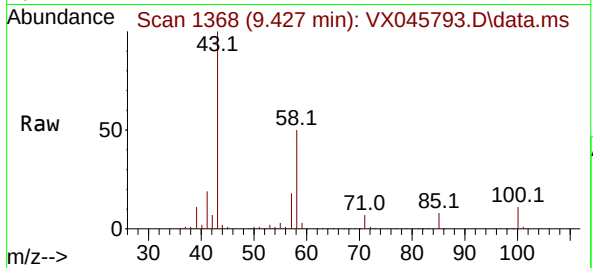
106 26.3 21.0 31.6





#59
2-Hexanone
Concen: 96.378 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

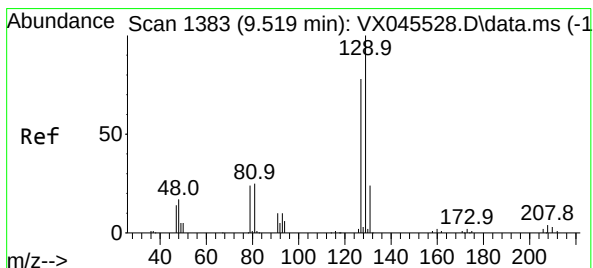
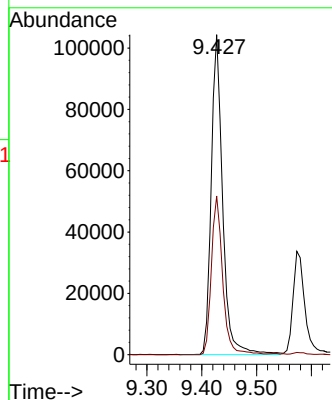
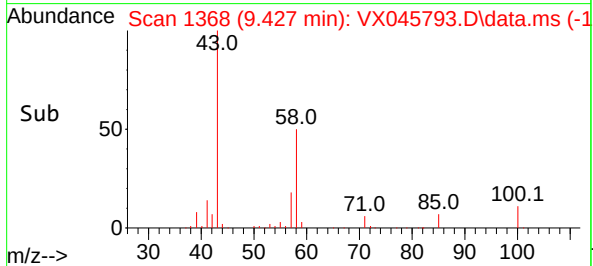
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion: 43 Resp: 150120
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6

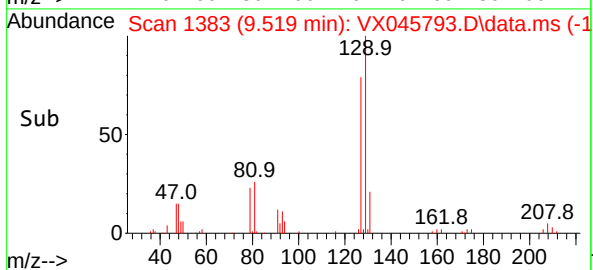
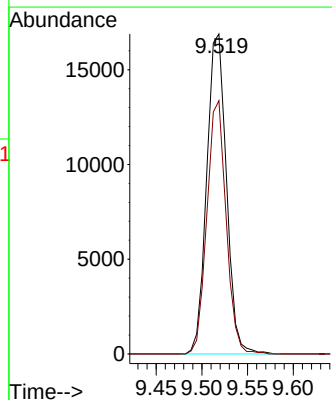
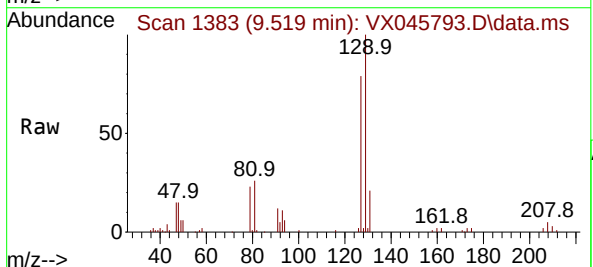
Manual Integrations
APPROVED

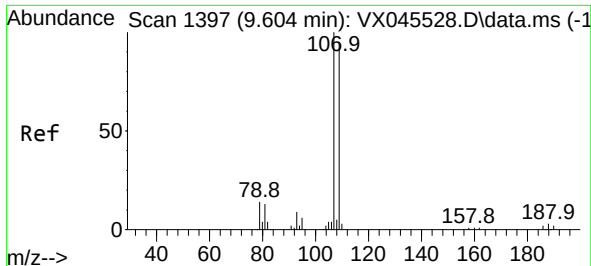
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
Dibromochloromethane
Concen: 18.936 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

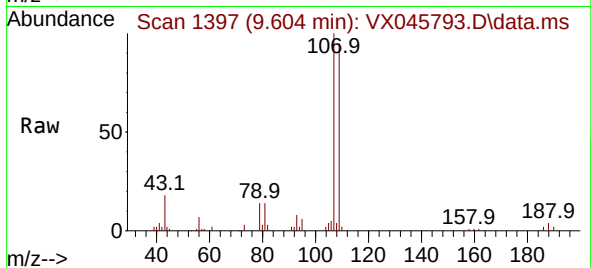
Tgt Ion:129 Resp: 25255
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.241 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

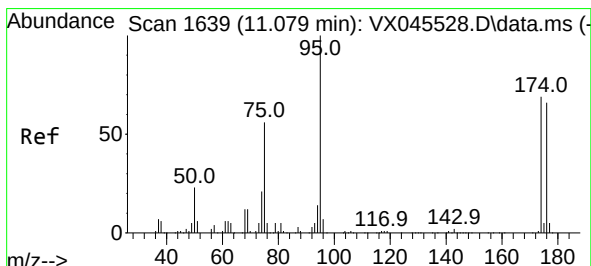
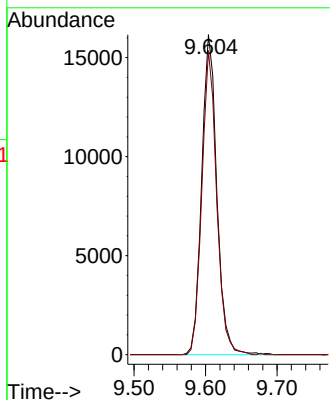
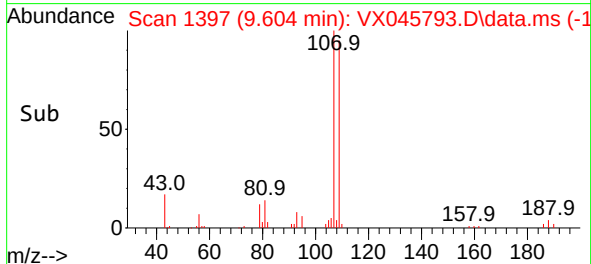
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion:107 Resp: 23829
Ion Ratio Lower Upper
107 100
109 92.7 75.7 113.5

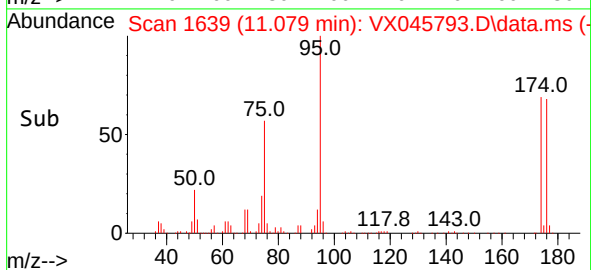
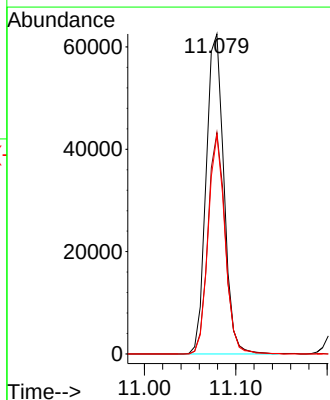
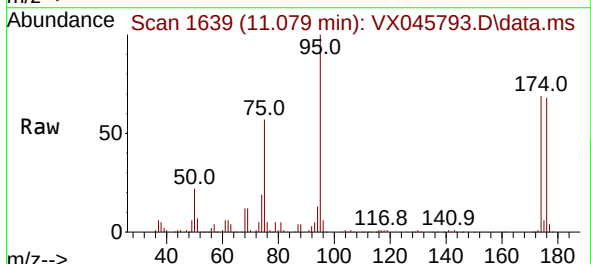
Manual Integrations
APPROVED

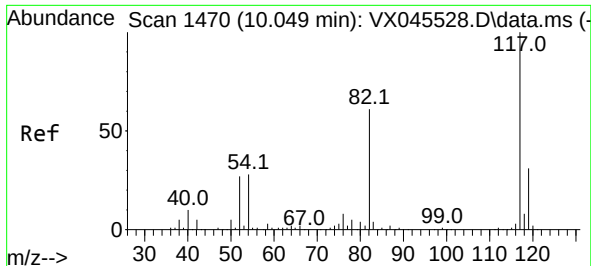
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#62
4-Bromofluorobenzene
Concen: 53.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

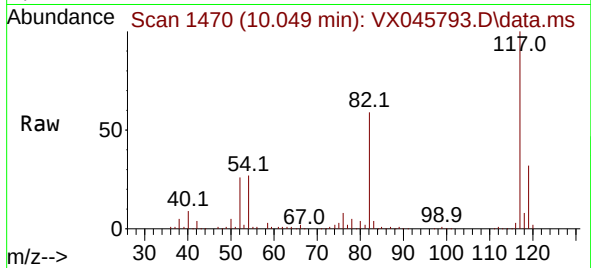
Tgt Ion: 95 Resp: 84382
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 65.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

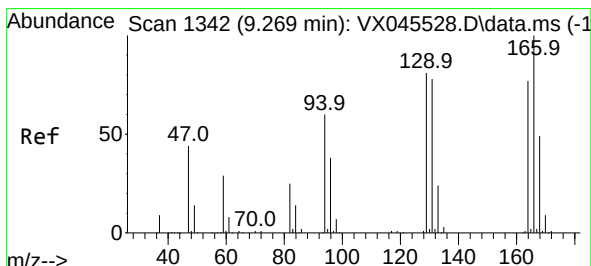
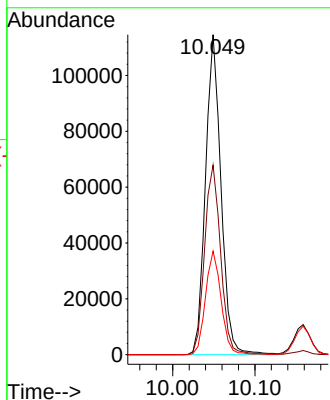
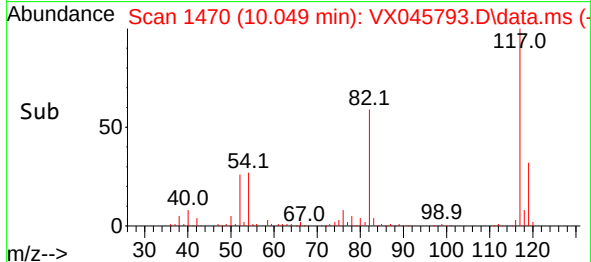
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion:117 Resp: 150340
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 32.3 25.1 37.7

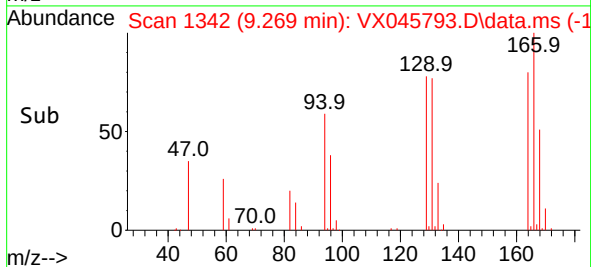
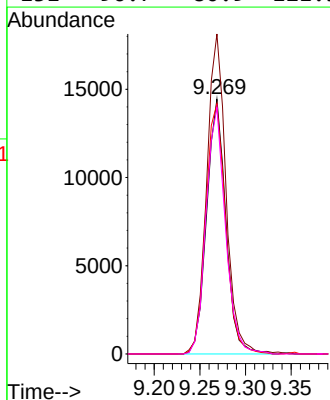
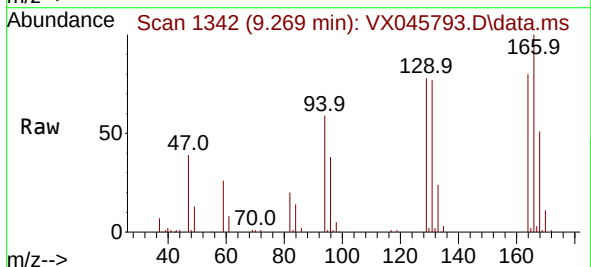
Manual Integrations
APPROVED

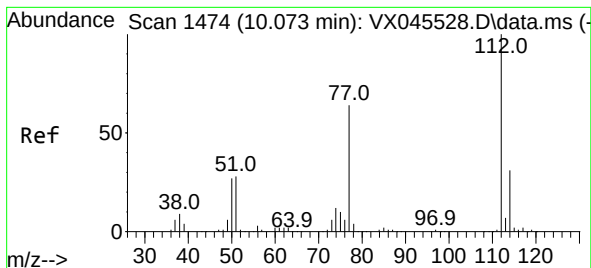
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#64
Tetrachloroethene
Concen: 19.877 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

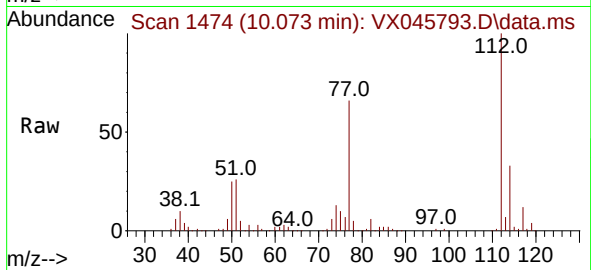
Tgt Ion:164 Resp: 21098
Ion Ratio Lower Upper
164 100
166 125.6 103.8 155.8
129 98.2 84.3 126.5
131 96.7 80.9 121.3





#65
Chlorobenzene
Concen: 19.628 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

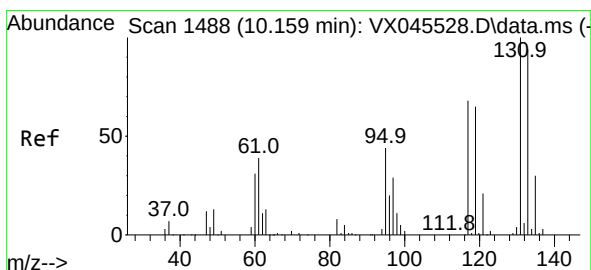
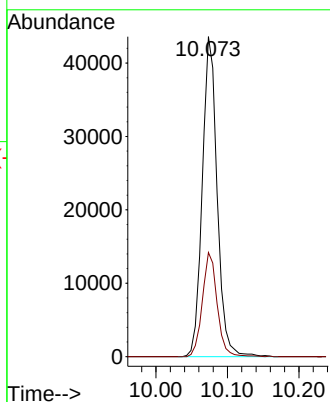
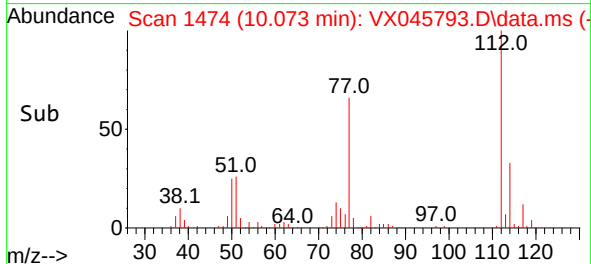
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



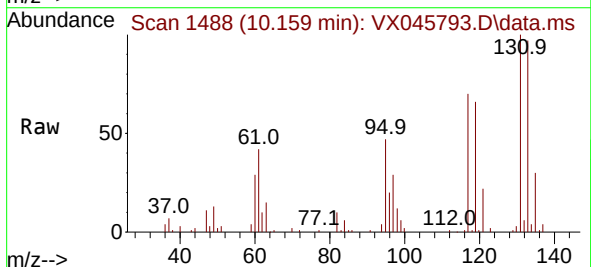
Tgt Ion:112 Resp: 6305
Ion Ratio Lower Upper
112 100
114 32.6 24.7 37.1

Manual Integrations
APPROVED

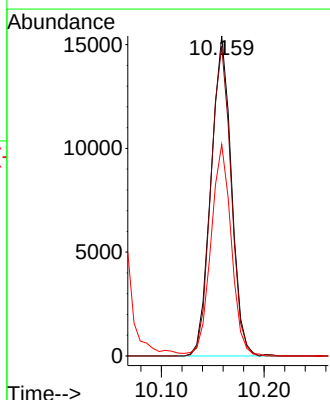
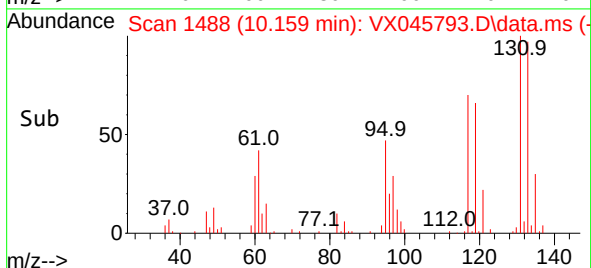
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

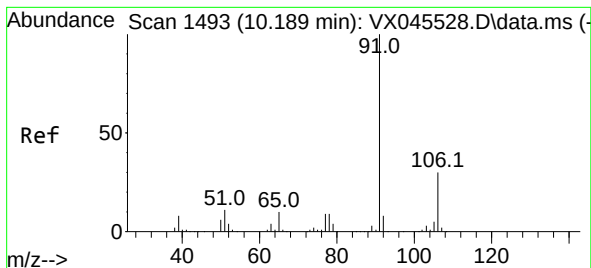


#66
1,1,1,2-Tetrachloroethane
Concen: 18.982 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36



Tgt Ion:131 Resp: 21171
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.5
119 65.8 32.9 98.6





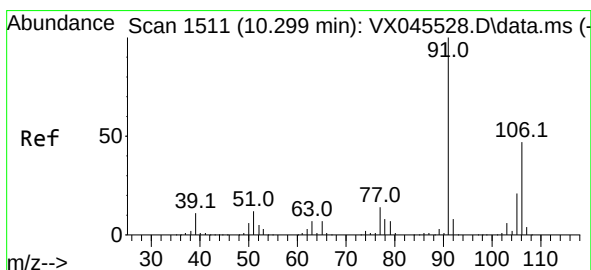
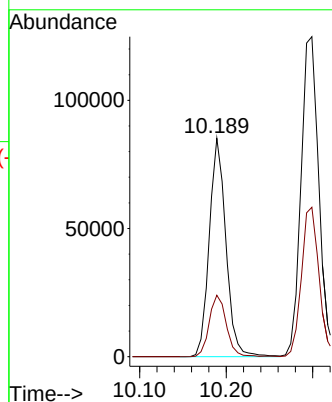
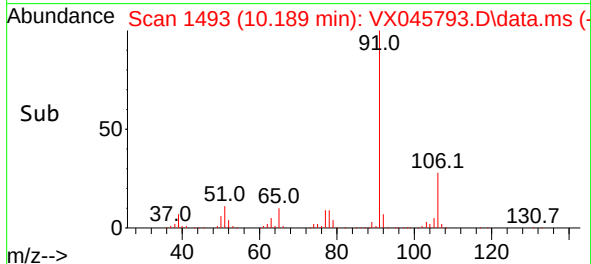
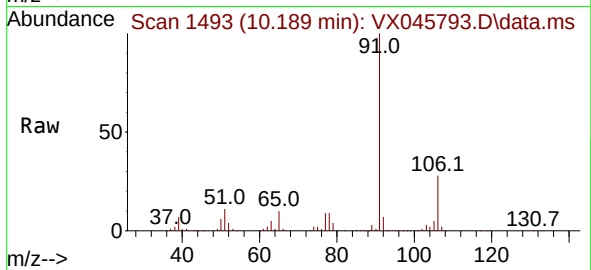
#67
Ethyl Benzene
Concen: 19.788 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion: 91 Resp: 113852
Ion Ratio Lower Upper
91 100
106 28.1 23.7 35.5

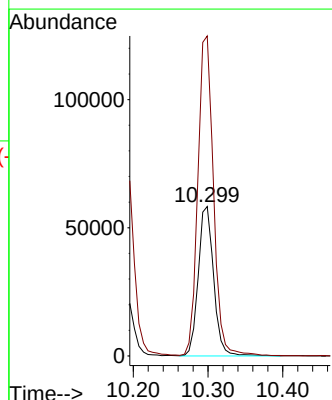
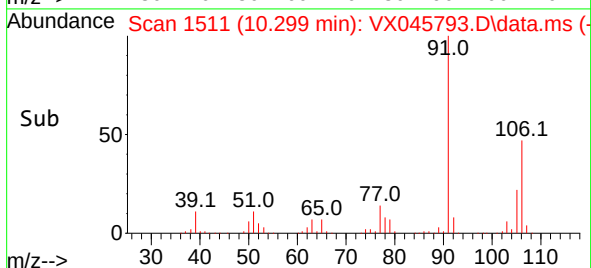
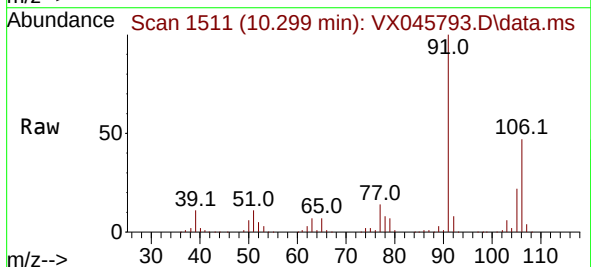
Manual Integrations
APPROVED

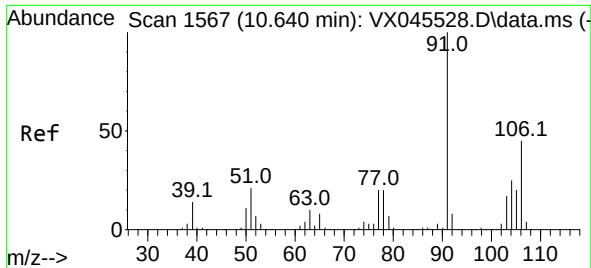
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#68
m/p-Xylenes
Concen: 39.918 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion:106 Resp: 83534
Ion Ratio Lower Upper
106 100
91 217.8 172.6 258.8





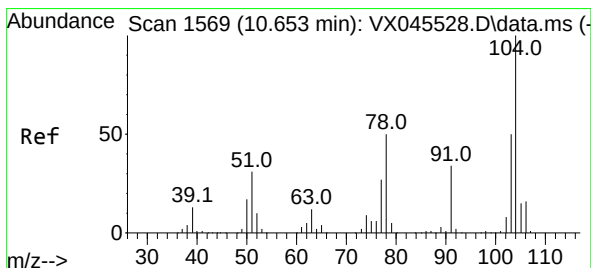
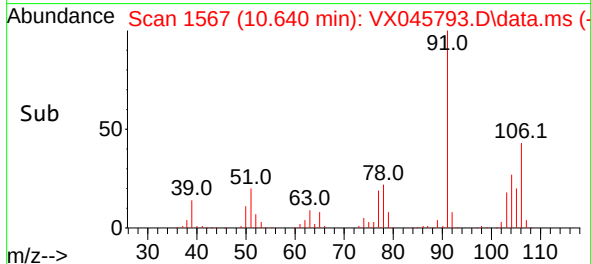
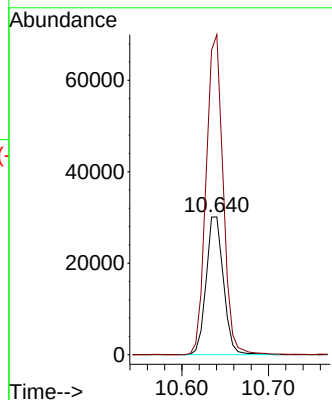
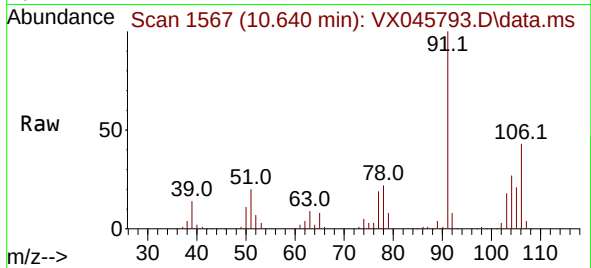
#69
o-Xylene
Concen: 20.319 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion:106 Resp: 4188
Ion Ratio Lower Upper
106 100
91 228.8 113.6 340.6

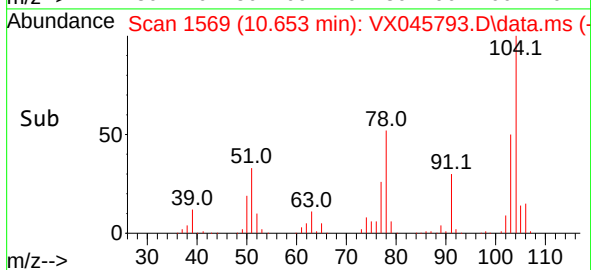
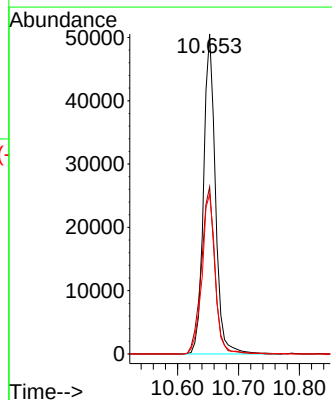
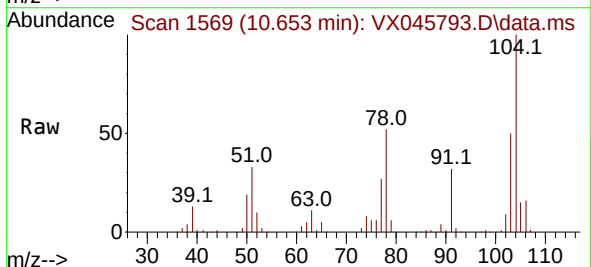
Manual Integrations
APPROVED

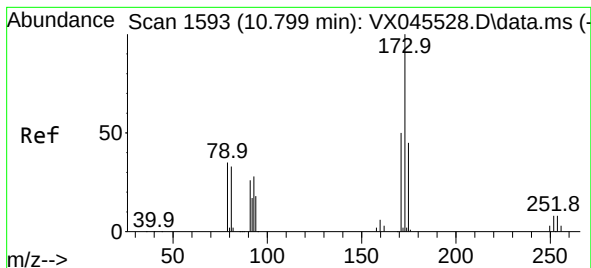
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#70
Styrene
Concen: 20.144 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion:104 Resp: 68537
Ion Ratio Lower Upper
104 100
78 59.3 45.4 68.2
103 55.5 43.8 65.8





#71

Bromoform

Concen: 18.552 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBSD01

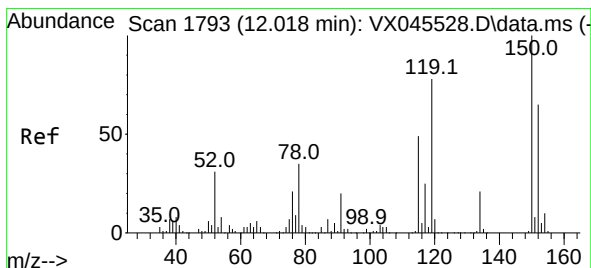
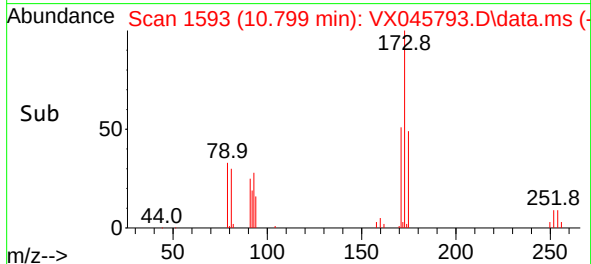
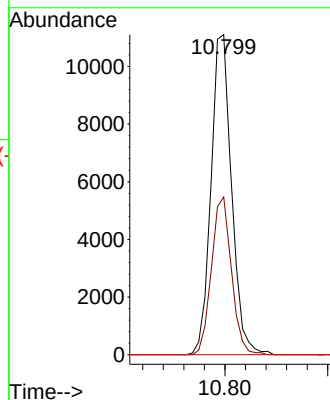
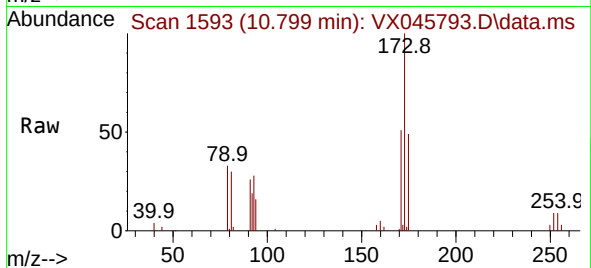
Tgt Ion:173	Resp:	15450
Ion Ratio	Lower	Upper
173	100	
175	47.9	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

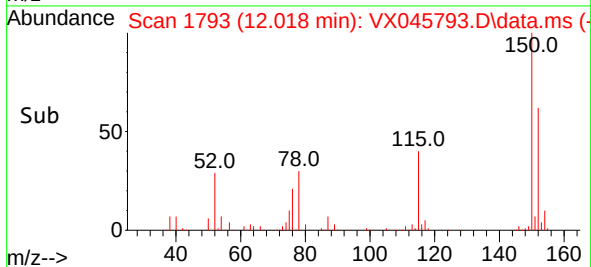
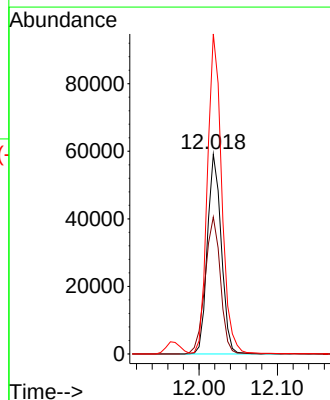
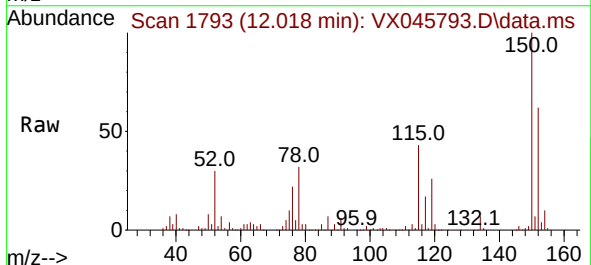
RT: 12.018 min Scan# 1793

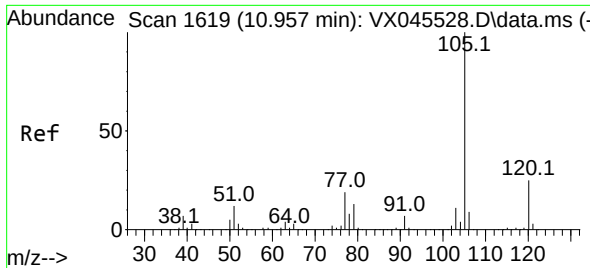
Delta R.T. 0.000 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

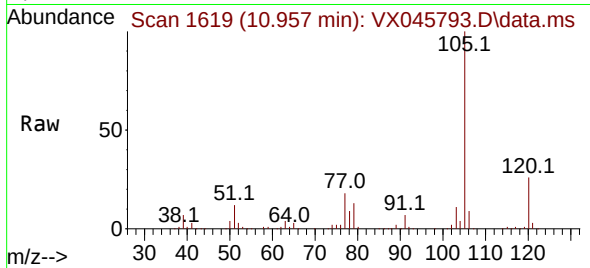
Tgt Ion:152	Resp:	72557
Ion Ratio	Lower	Upper
152	100	
115	75.8	46.9 140.7
150	164.9	0.0 349.4





#73
Isopropylbenzene
Concen: 18.978 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

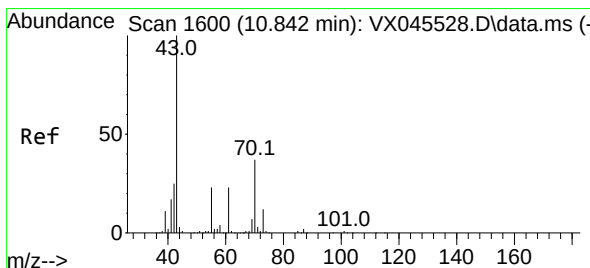
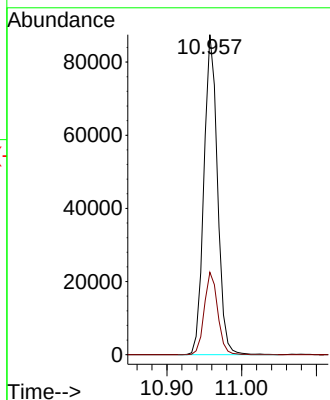
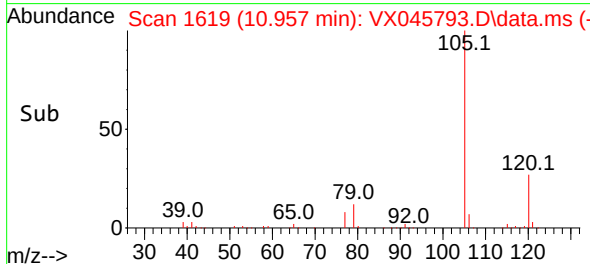
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion:105 Resp: 110290
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

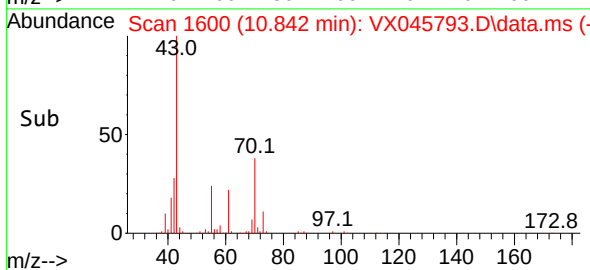
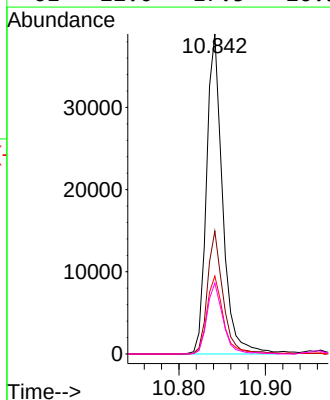
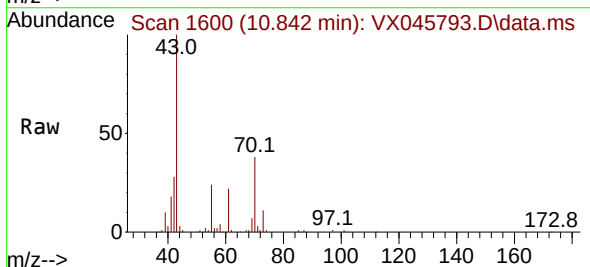
Manual Integrations
APPROVED

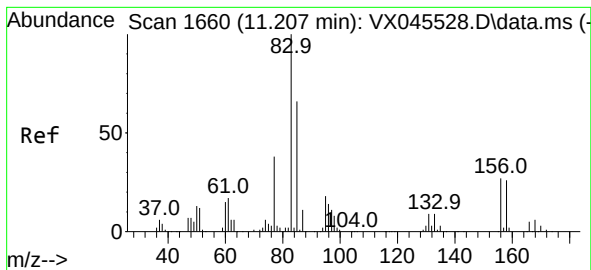
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#74
N-ethyl acetate
Concen: 18.067 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion: 43 Resp: 50227
Ion Ratio Lower Upper
43 100
70 37.3 30.1 45.1
55 24.6 18.3 27.5
61 22.0 17.5 26.3





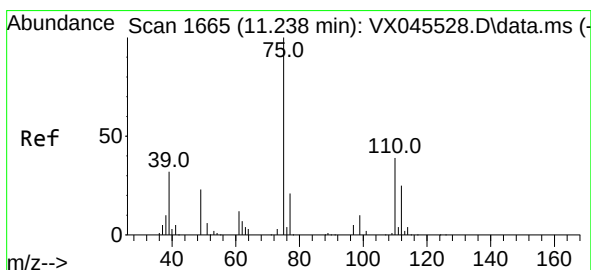
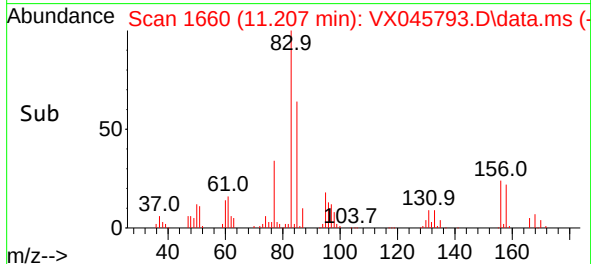
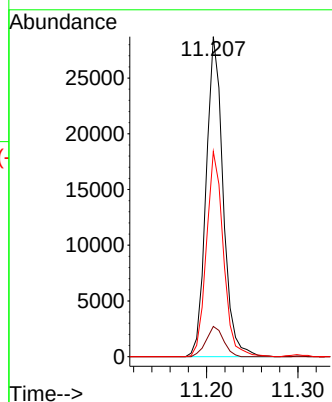
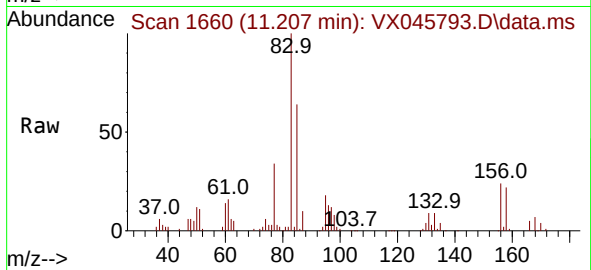
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.109 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX045793.D
 Acq: 15 Apr 2025 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBSD01

Tgt Ion: 83 Resp: 36972
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.1
 85 63.8 32.4 97.2

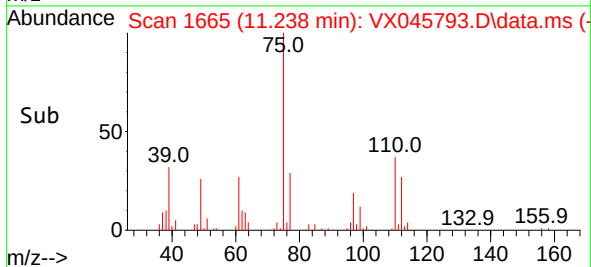
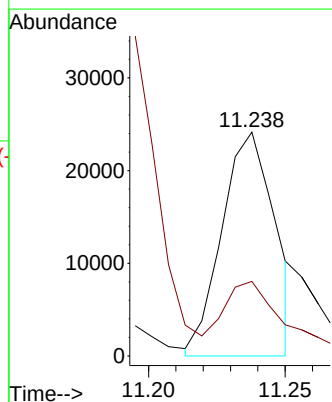
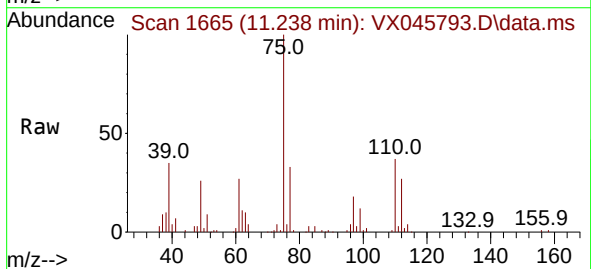
Manual Integrations
 APPROVED

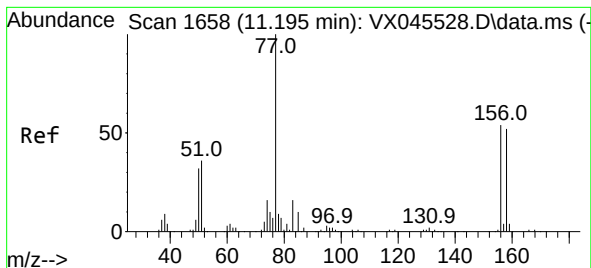
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#76
 1,2,3-Trichloropropane
 Concen: 18.372 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045793.D
 Acq: 15 Apr 2025 13:36

Tgt Ion: 75 Resp: 32515
 Ion Ratio Lower Upper
 75 100
 77 38.9 20.0 59.9





#77

Bromobenzene

Concen: 18.341 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBSD01

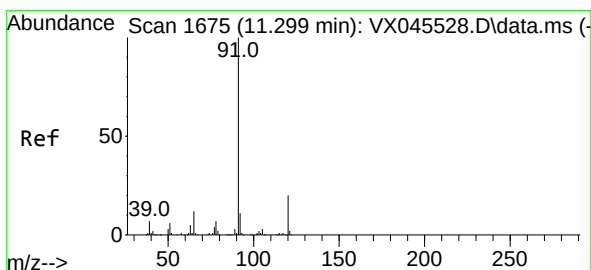
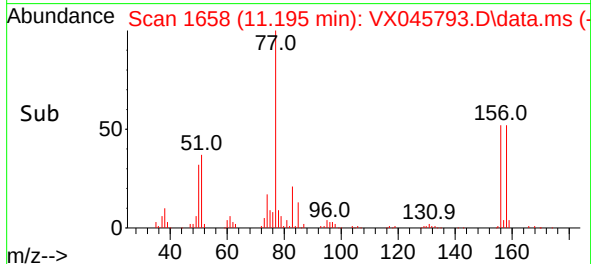
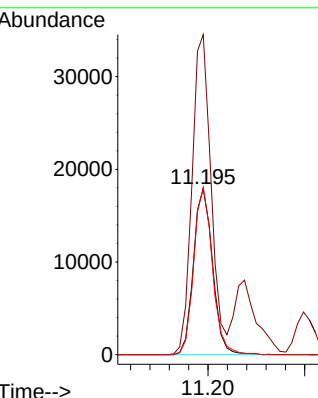
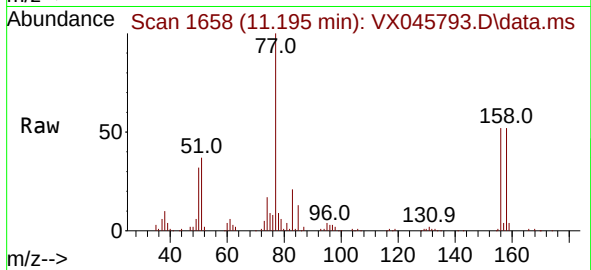
Tgt Ion:	156	Resp:	24630
Ion Ratio	Lower	Upper	
156	100		
77	192.1	92.6	277.8
158	98.7	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#78

n-propylbenzene

Concen: 19.474 ug/l

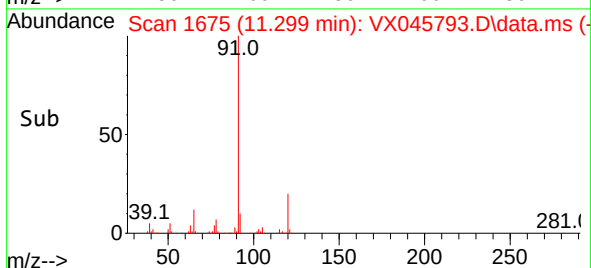
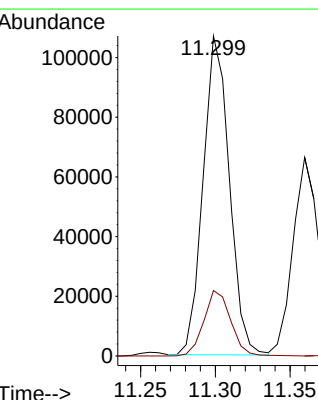
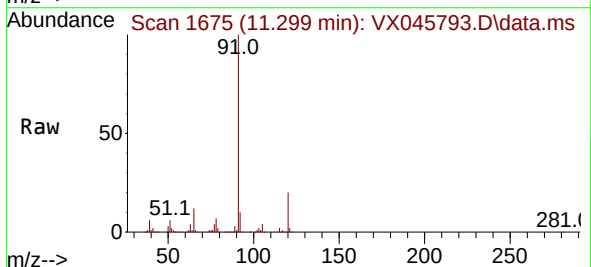
RT: 11.299 min Scan# 1675

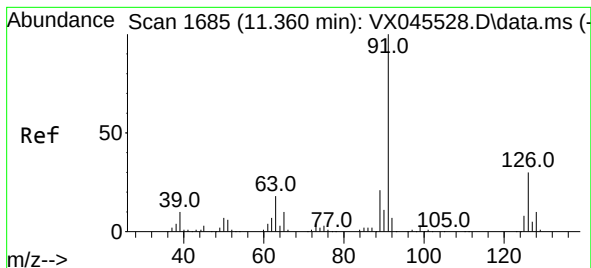
Delta R.T. 0.000 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Tgt Ion:	91	Resp:	130364
Ion Ratio	Lower	Upper	
91	100		
120	21.0	10.8	32.3





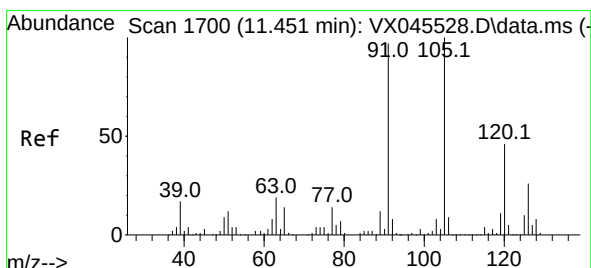
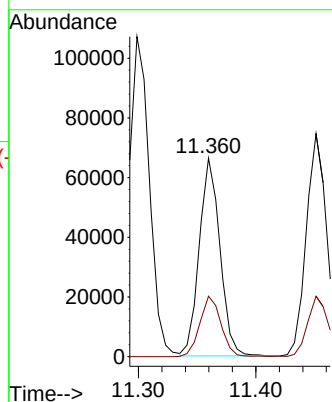
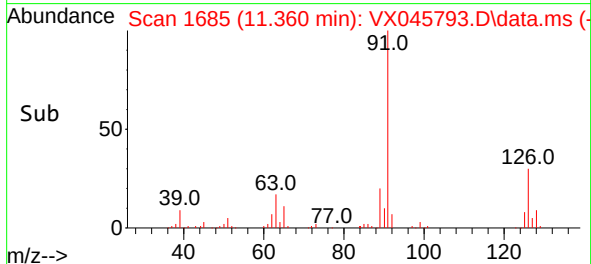
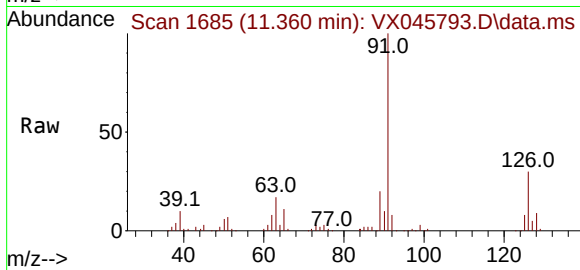
#79
2-Chlorotoluene
Concen: 18.936 ug/l
RT: 11.360 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion: 91 Resp: 8104
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.4

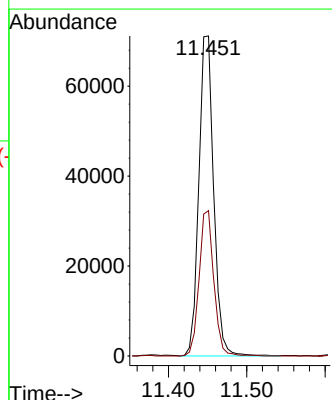
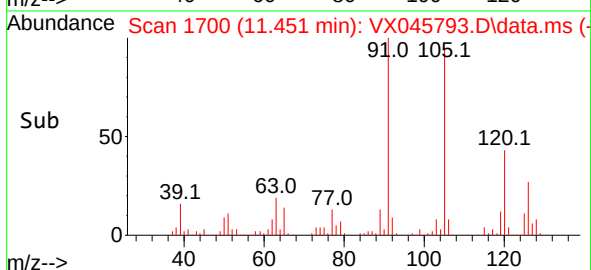
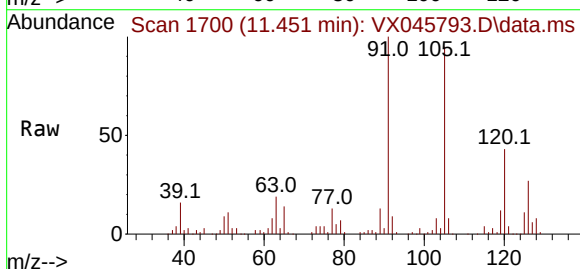
Manual Integrations
APPROVED

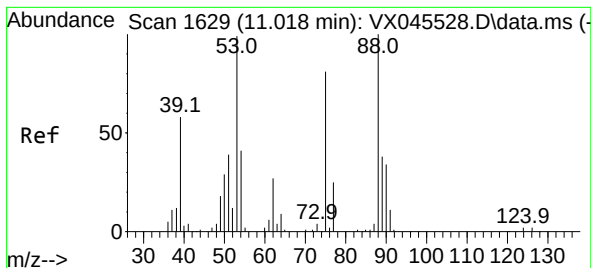
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.552 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion:105 Resp: 93965
Ion Ratio Lower Upper
105 100
120 45.1 23.0 69.0





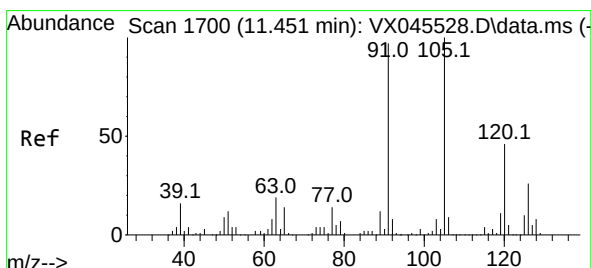
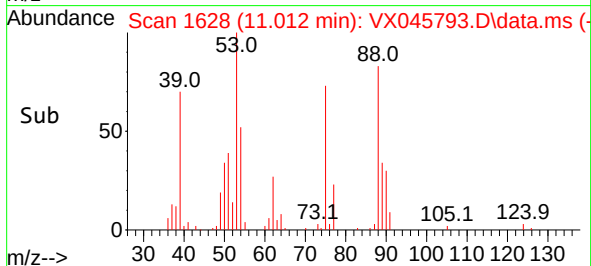
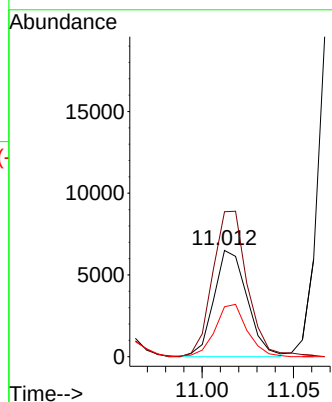
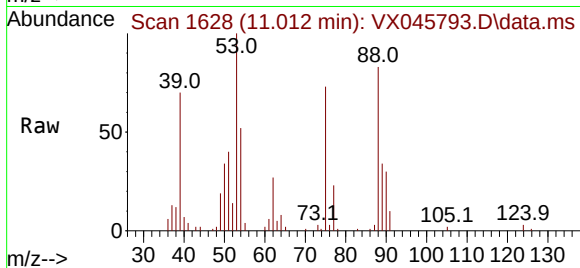
#81
trans-1,4-Dichloro-2-butene
Concen: 15.849 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion: 75 Resp: 826
Ion Ratio Lower Upper
75 100
53 142.3 101.8 152.6
89 47.5 37.2 55.8

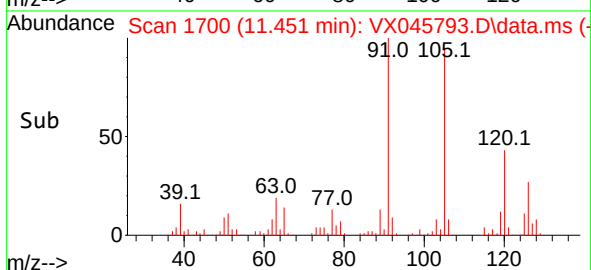
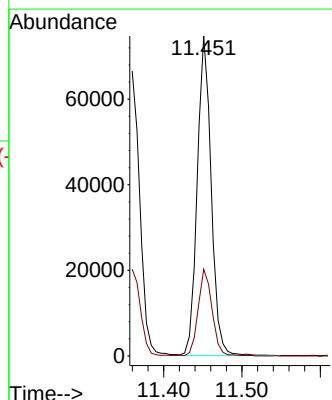
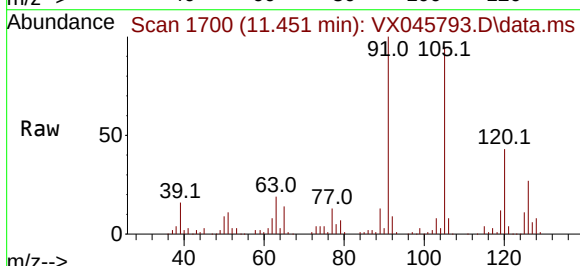
Manual Integrations
APPROVED

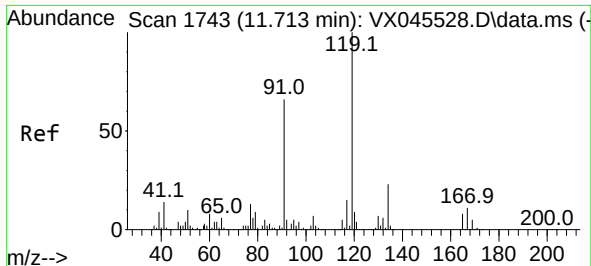
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#82
4-Chlorotoluene
Concen: 19.377 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

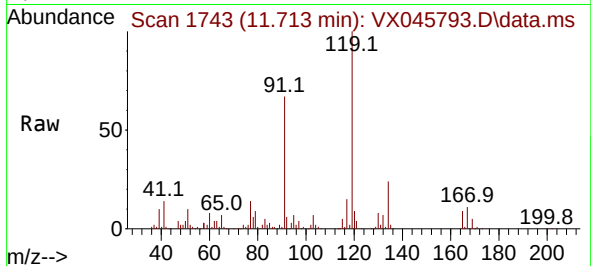
Tgt Ion: 91 Resp: 92459
Ion Ratio Lower Upper
91 100
126 27.2 13.3 39.9





#83
tert-Butylbenzene
Concen: 19.257 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

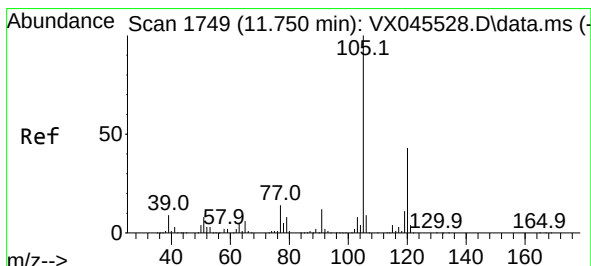
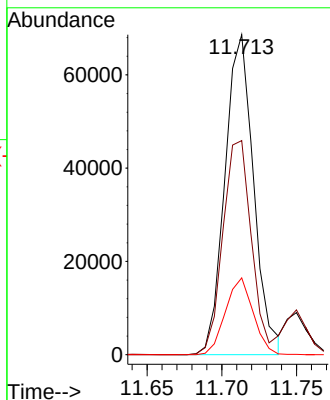
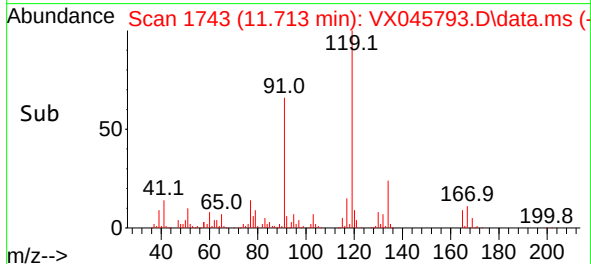
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



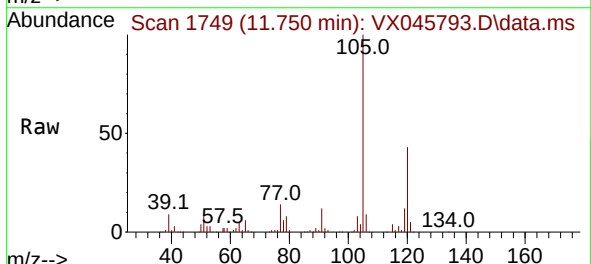
Tgt Ion:119 Resp: 91620
Ion Ratio Lower Upper
119 100
91 66.2 32.4 97.2
134 23.1 11.5 34.5

Manual Integrations
APPROVED

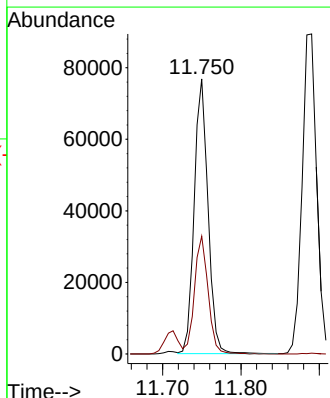
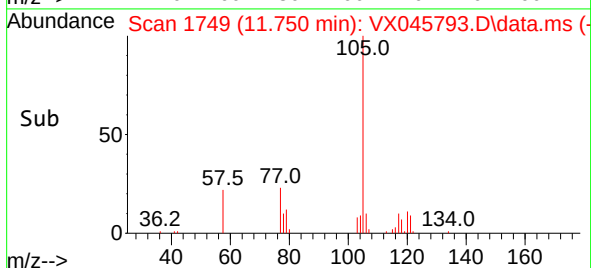
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

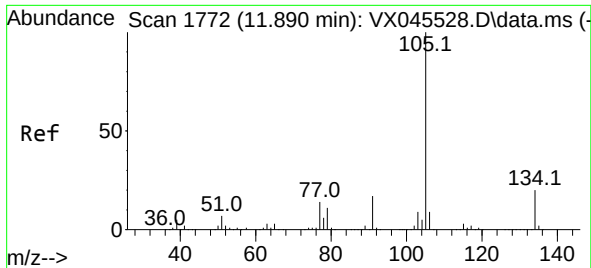


#84
1,2,4-Trimethylbenzene
Concen: 19.500 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36



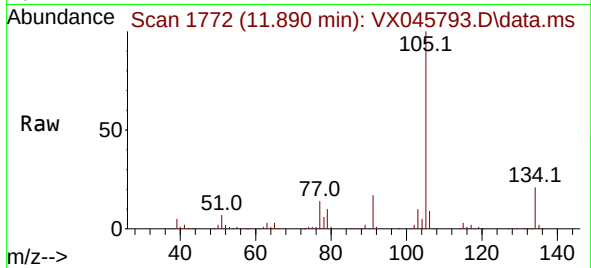
Tgt Ion:105 Resp: 94061
Ion Ratio Lower Upper
105 100
120 42.4 21.4 64.3





#85
sec-Butylbenzene
Concen: 19.786 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

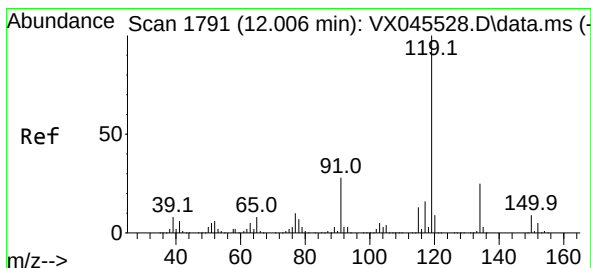
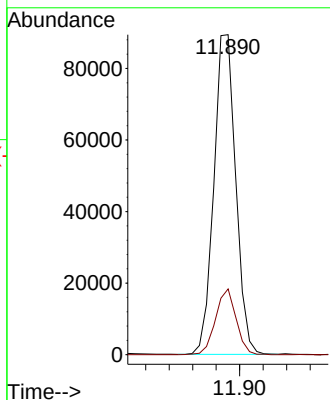
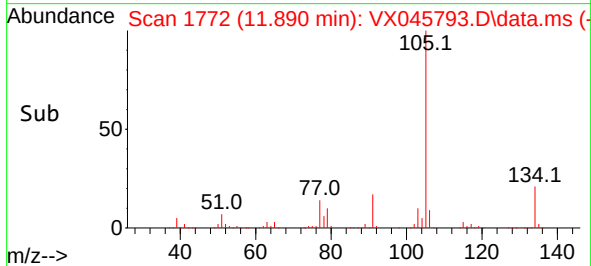
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



Tgt Ion:105 Resp: 115630
Ion Ratio Lower Upper
105 100
134 19.4 9.6 28.6

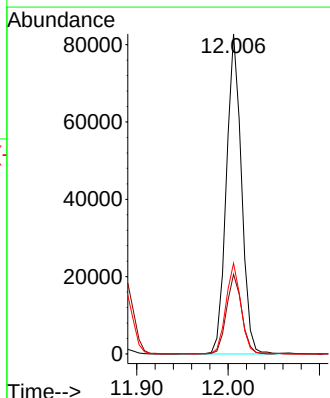
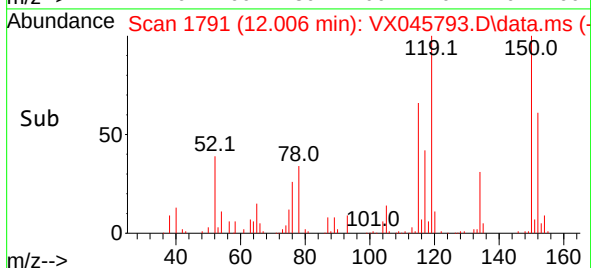
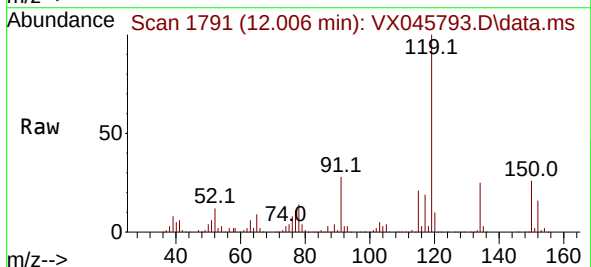
Manual Integrations
APPROVED

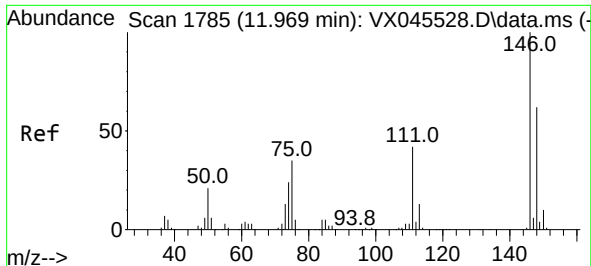
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#86
p-Isopropyltoluene
Concen: 19.692 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Tgt Ion:119 Resp: 94877
Ion Ratio Lower Upper
119 100
134 25.1 12.6 37.8
91 28.3 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 18.889 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBSD01

Tgt Ion:146 Resp: 46172

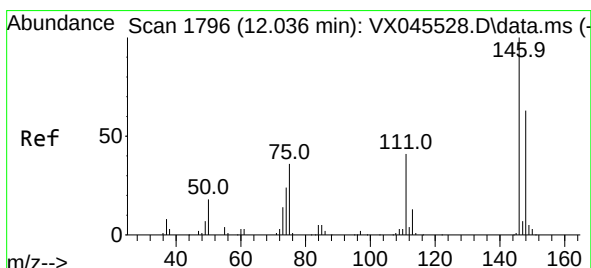
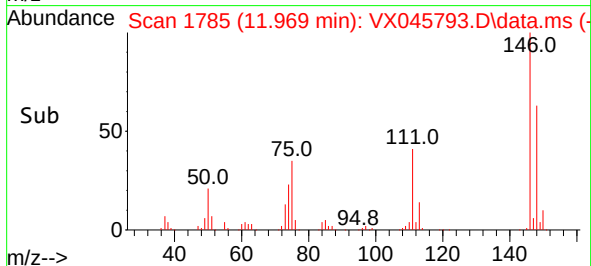
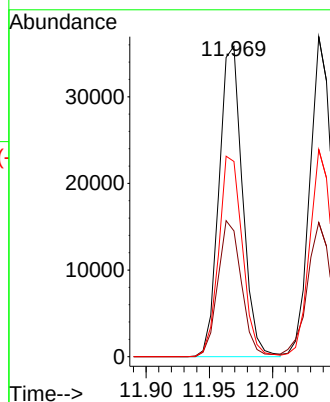
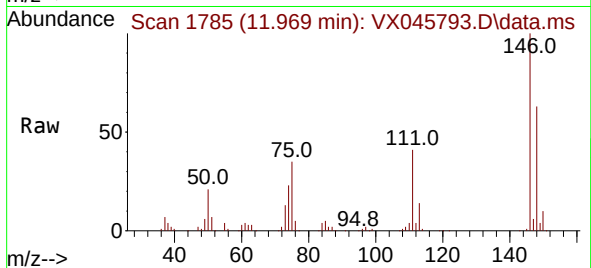
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	65.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#88

1,4-Dichlorobenzene

Concen: 18.287 ug/l

RT: 12.036 min Scan# 1796

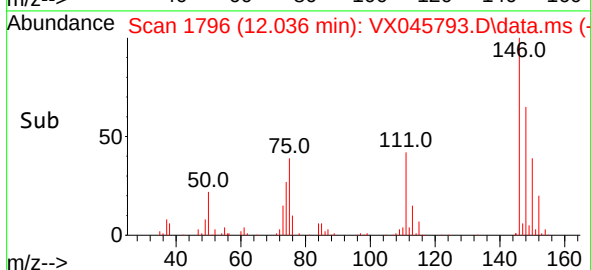
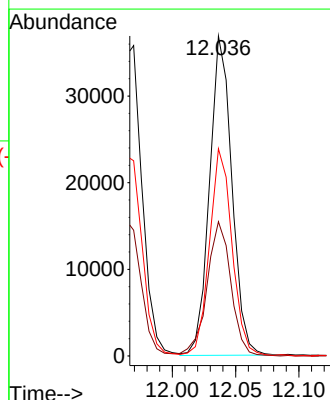
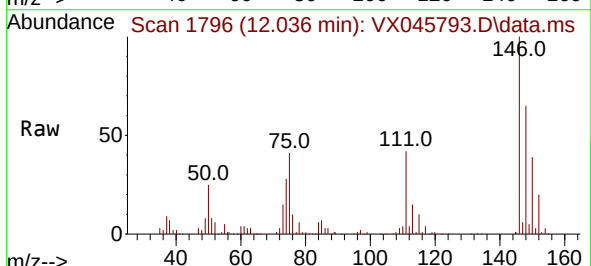
Delta R.T. 0.000 min

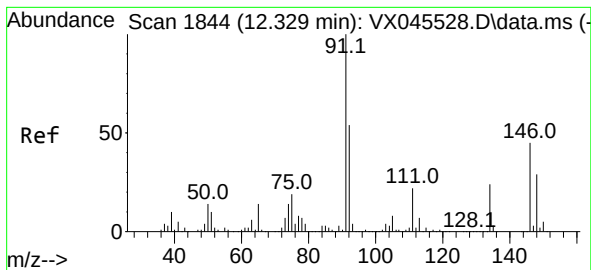
Lab File: VX045793.D

Acq: 15 Apr 2025 13:36

Tgt Ion:146 Resp: 45317

Ion	Ratio	Lower	Upper
146	100		
111	45.2	20.9	62.8
148	66.0	31.5	94.5





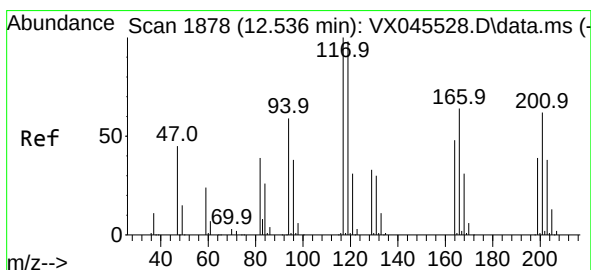
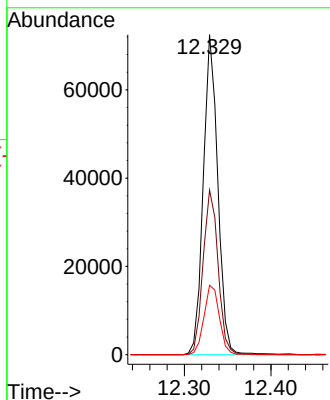
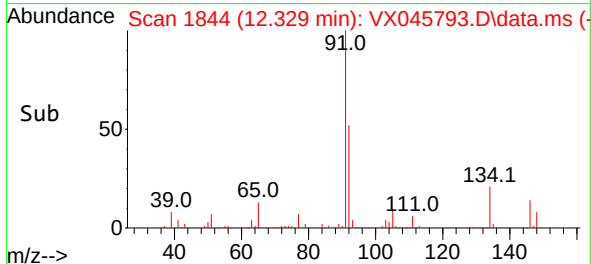
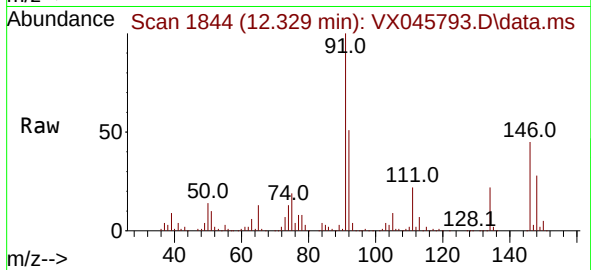
#89
n-Butylbenzene
Concen: 20.200 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01

Tgt Ion: 91 Resp: 8439
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 23.1 11.9 35.7

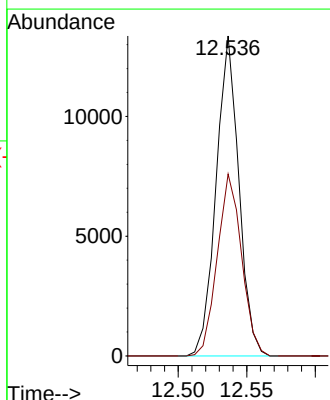
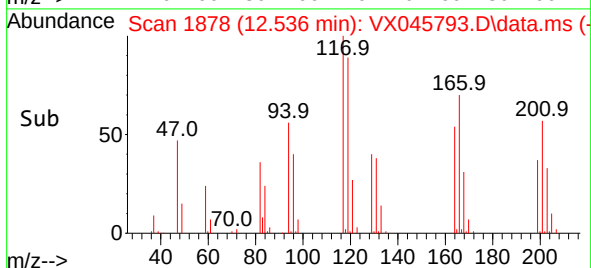
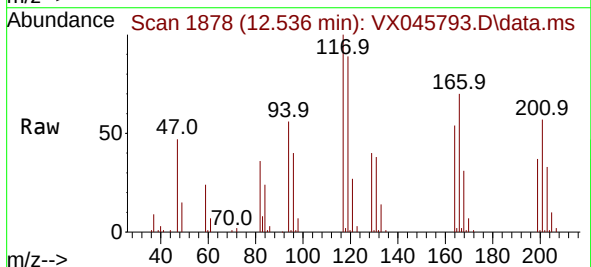
Manual Integrations
APPROVED

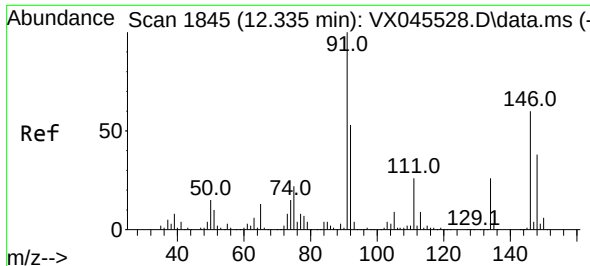
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#90
Hexachloroethane
Concen: 18.577 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

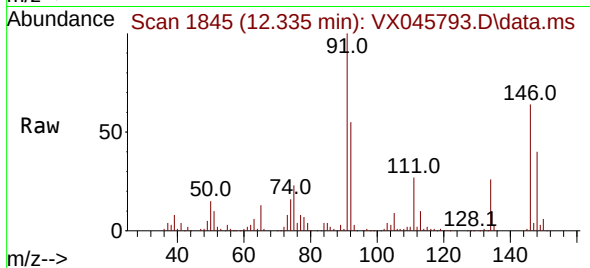
Tgt Ion:117 Resp: 15382
Ion Ratio Lower Upper
117 100
201 60.9 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 19.417 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

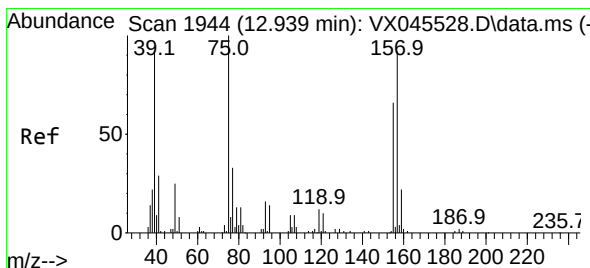
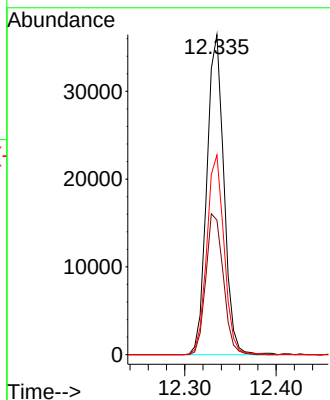
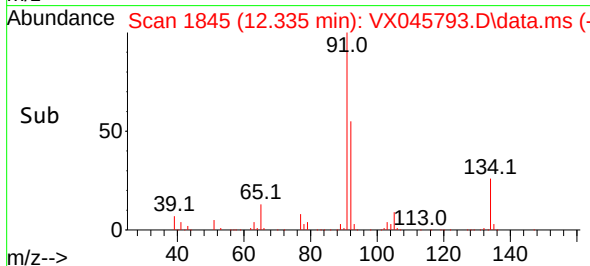
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



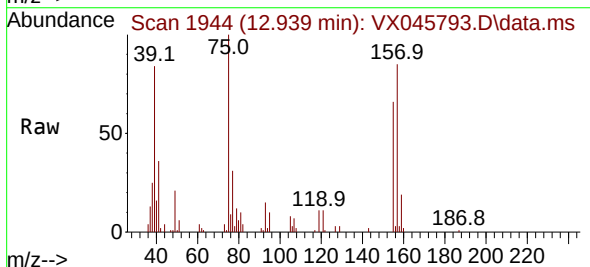
Tgt Ion:146 Resp: 4718
Ion Ratio Lower Upper
146 100
111 45.0 22.9 68.8
148 63.1 31.9 95.5

Manual Integrations
APPROVED

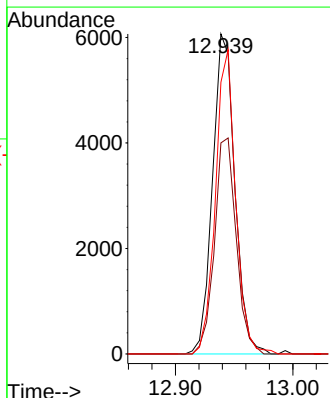
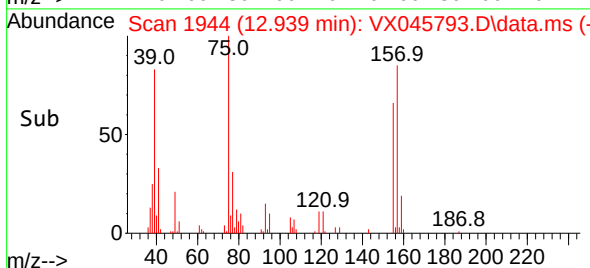
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

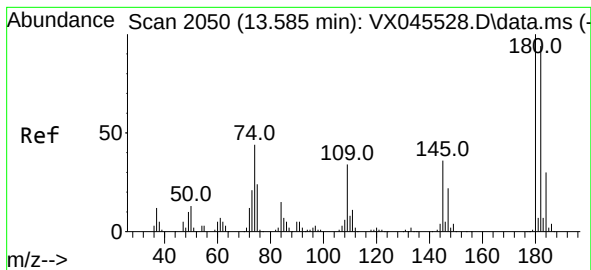


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.720 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36



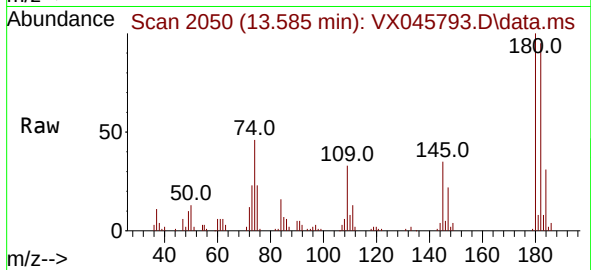
Tgt Ion: 75 Resp: 7993
Ion Ratio Lower Upper
75 100
155 66.1 34.9 104.7
157 86.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.515 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

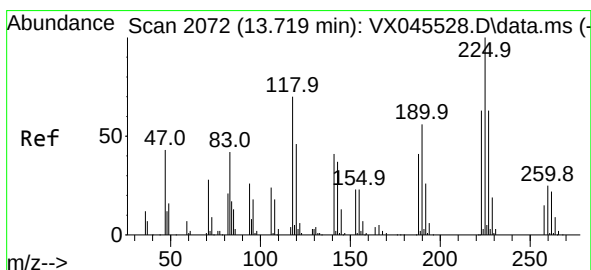
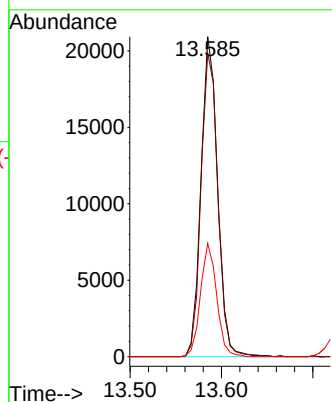
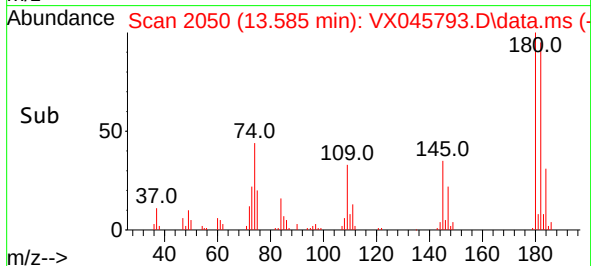
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



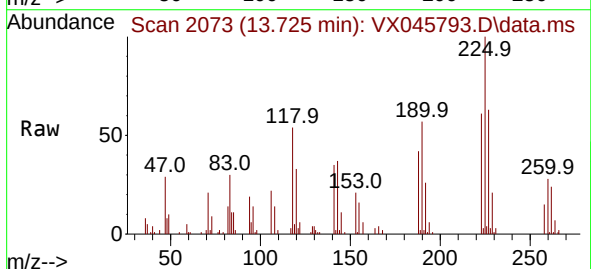
Tgt Ion:180 Resp: 26399
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.6
145 34.4 17.9 53.8

Manual Integrations
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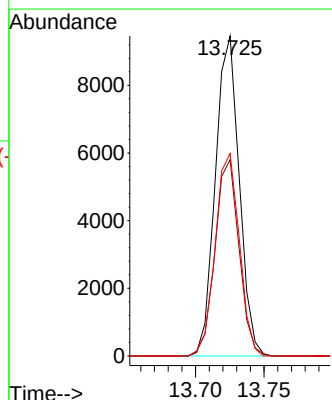
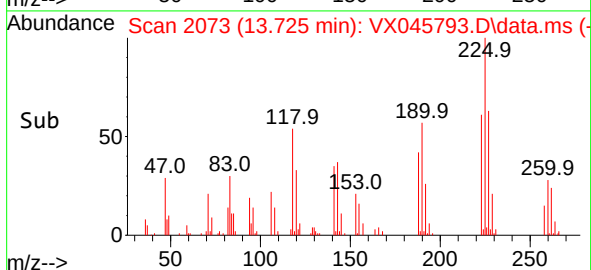
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

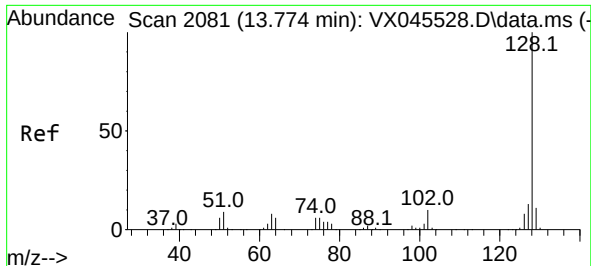


#94
Hexachlorobutadiene
Concen: 19.606 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36



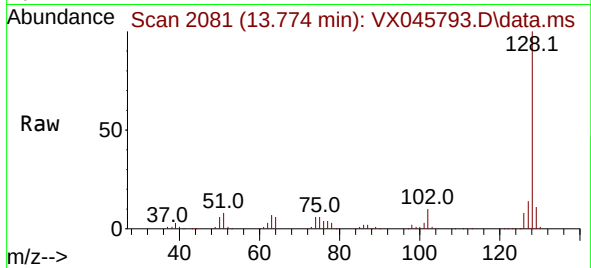
Tgt Ion:225 Resp: 11429
Ion Ratio Lower Upper
225 100
223 61.6 31.1 93.3
227 64.0 32.2 96.6





#95
Naphthalene
Concen: 19.364 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36

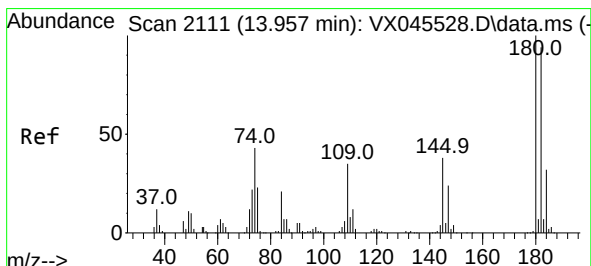
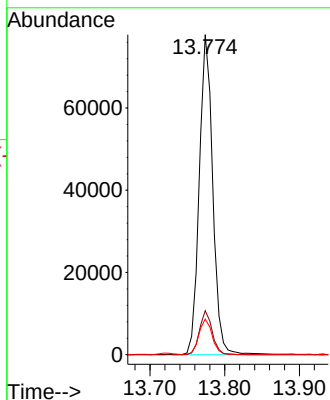
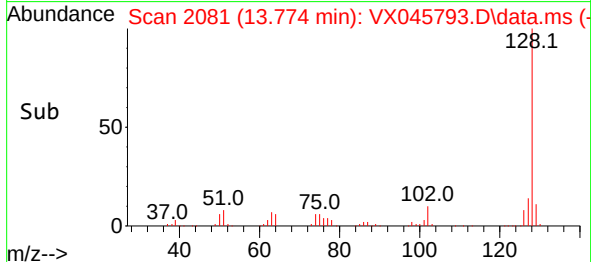
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBSD01



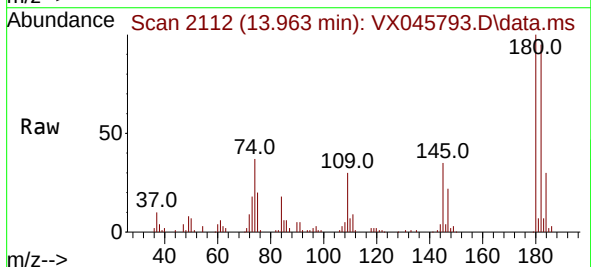
Tgt Ion:128 Resp: 9748
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.463 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045793.D
Acq: 15 Apr 2025 13:36



Tgt Ion:180 Resp: 27570
Ion Ratio Lower Upper
180 100
182 98.2 47.3 141.8
145 36.4 18.2 54.6

