

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2025
 Supervised By : Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	146416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81629	51.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.040%			
35) Dibromofluoromethane	5.373	113	56994	54.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.720%			
50) Toluene-d8	8.641	98	187345	51.669	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	11.079	95	74472	56.387	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65034	49.702	ug/l	96
3) Chloromethane	1.301	50	66615	49.556	ug/l	98
4) Vinyl Chloride	1.374	62	60642	49.295	ug/l	99
5) Bromomethane	1.593	94	28807	49.386	ug/l	97
6) Chloroethane	1.666	64	34843	53.384	ug/l	98
7) Trichlorofluoromethane	1.874	101	99628	54.309	ug/l	100
8) Diethyl Ether	2.130	74	32596	52.926	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	60060	55.873	ug/l	99
10) Methyl Iodide	2.441	142	71606	53.405	ug/l	97
11) Tert butyl alcohol	2.971	59	55357	257.436	ug/l	99
12) 1,1-Dichloroethene	2.313	96	55271	52.621	ug/l	95
13) Acrolein	2.233	56	92062	310.900	ug/l	99
14) Allyl chloride	2.654	41	107678	54.030	ug/l	100
15) Acrylonitrile	3.062	53	171275	252.328	ug/l	99
16) Acetone	2.380	43	165166	251.386	ug/l	99
17) Carbon Disulfide	2.502	76	121393	46.793	ug/l	100
18) Methyl Acetate	2.703	43	87762	58.017	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	202328	55.065	ug/l	99
20) Methylene Chloride	2.782	84	63520	51.641	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	55653	51.863	ug/l	99
22) Diisopropyl ether	3.757	45	211448	53.861	ug/l	99
23) Vinyl Acetate	3.715	43	922194	271.884	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115991	52.244	ug/l	99
25) 2-Butanone	4.550	43	246619	256.429	ug/l	98
26) 2,2-Dichloropropane	4.465	77	91605	63.860	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	67826	51.880	ug/l	96
28) Bromochloromethane	4.885	49	49924	46.532	ug/l	99
29) Tetrahydrofuran	4.995	42	153819	246.691	ug/l	100
30) Chloroform	5.080	83	121658	53.253	ug/l	99
31) Cyclohexane	5.458	56	103070	52.513	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	105322	54.484	ug/l	100
36) 1,1-Dichloropropene	5.684	75	78453	55.933	ug/l	99
37) Ethyl Acetate	4.708	43	94486	53.455	ug/l	100
38) Carbon Tetrachloride	5.666	117	89403	58.977	ug/l	99
39) Methylcyclohexane	7.373	83	101454	59.008	ug/l	94
40) Benzene	6.025	78	234763	54.803	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54175	58.088	ug/l	98
42) 1,2-Dichloroethane	6.074	62	102081	57.696	ug/l	100
43) Isopropyl Acetate	6.336	43	151877	56.691	ug/l	100
44) Trichloroethene	7.117	130	56724	55.711	ug/l	89
45) 1,2-Dichloropropane	7.421	63	60175	56.300	ug/l	94
46) Dibromomethane	7.574	93	45745	55.754	ug/l	98
47) Bromodichloromethane	7.818	83	93715	57.194	ug/l	99
48) Methyl methacrylate	7.690	41	78967	57.089	ug/l	99
49) 1,4-Dioxane	7.659	88	26121	1043.746	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	497484	280.120	ug/l	100
52) Toluene	8.714	92	143526	55.370	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	84000	53.158	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	94286	61.233	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57530	55.697	ug/l	95
56) Ethyl methacrylate	9.110	69	96025	60.070	ug/l	98
57) 1,3-Dichloropropane	9.305	76	100131	55.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	228507	282.573	ug/l	99
59) 2-Hexanone	9.427	43	367419	279.374	ug/l	100
60) Dibromochloromethane	9.519	129	66766	59.291	ug/l	97
61) 1,2-Dibromoethane	9.604	107	59450	56.856	ug/l	99
64) Tetrachloroethene	9.269	164	54752	61.227	ug/l	97
65) Chlorobenzene	10.073	112	154410	57.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55092	58.631	ug/l	99
67) Ethyl Benzene	10.189	91	284668	58.727	ug/l	99
68) m/p-Xylenes	10.299	106	207881	117.913	ug/l	99
69) o-Xylene	10.640	106	102563	59.055	ug/l	100
70) Styrene	10.653	104	172075	60.030	ug/l	99
71) Bromoform	10.799	173	41871	59.679	ug/l #	99
73) Isopropylbenzene	10.957	105	275770	56.209	ug/l	99
74) N-amyl acetate	10.842	43	135895	57.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	88313	51.241	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79169m	52.990	ug/l	
77) Bromobenzene	11.195	156	61402	54.166	ug/l	98
78) n-propylbenzene	11.299	91	321995	56.979	ug/l	100
79) 2-Chlorotoluene	11.360	91	196636	54.429	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233922	57.659	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25773	58.547	ug/l	98
82) 4-Chlorotoluene	11.451	91	230014	57.104	ug/l	100
83) tert-Butylbenzene	11.713	119	227437	56.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	236113	57.985	ug/l	99
85) sec-Butylbenzene	11.890	105	294334	59.663	ug/l	99
86) p-Isopropyltoluene	12.006	119	242143	59.536	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	116205	56.315	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116867	55.865	ug/l	99
89) n-Butylbenzene	12.329	91	220837	62.615	ug/l	100
90) Hexachloroethane	12.536	117	42286	60.497	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	115036	56.073	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20262	56.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	67317	58.949	ug/l	99
94) Hexachlorobutadiene	13.719	225	29332	59.608	ug/l	97
95) Naphthalene	13.774	128	239626	56.388	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68969	57.678	ug/l	99

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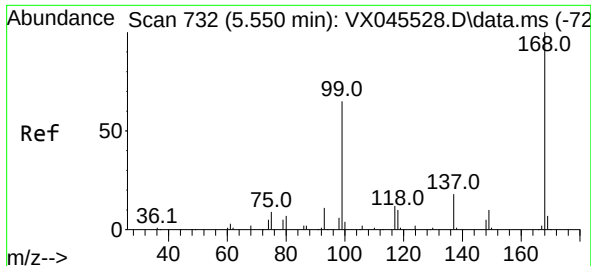
Manual Integrations
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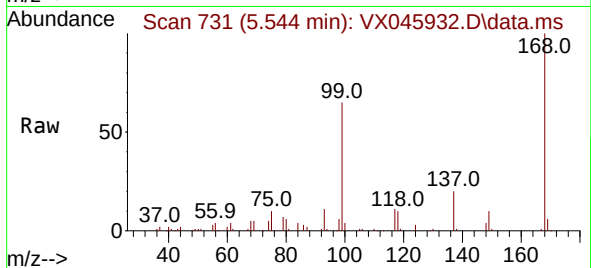
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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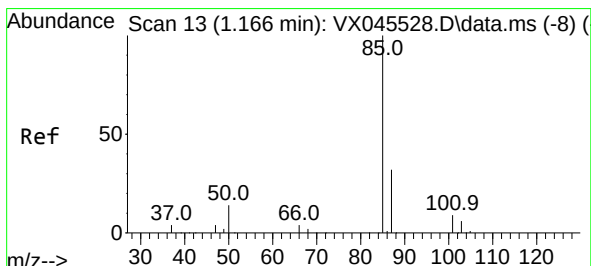
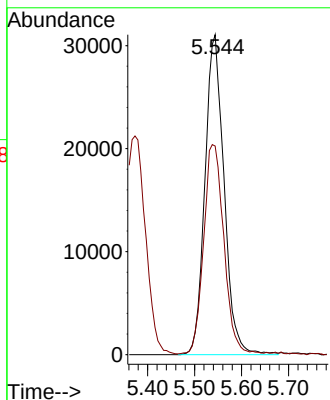
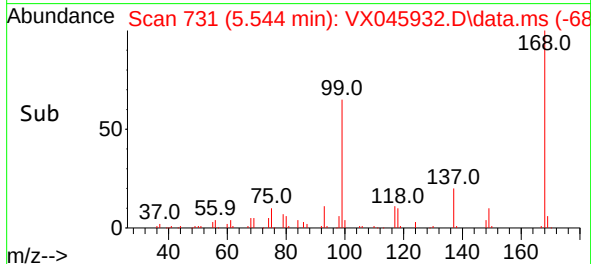
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 87494
Ion Ratio Lower Upper
168 100
99 64.9 52.3 78.5

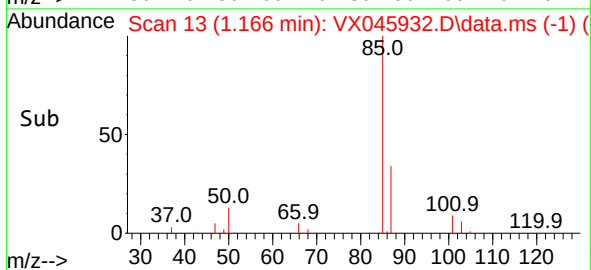
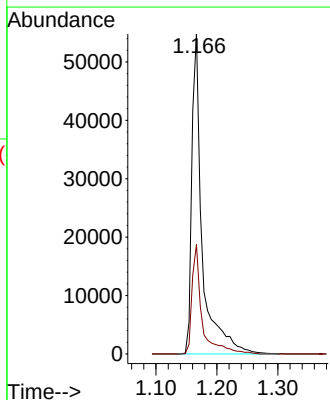
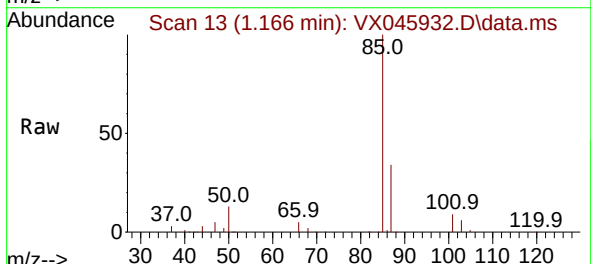
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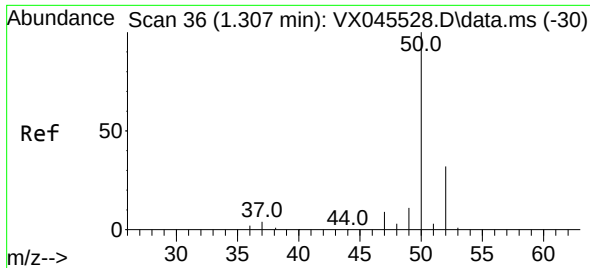
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#2
Dichlorodifluoromethane
Concen: 49.702 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 85 Resp: 65034
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2





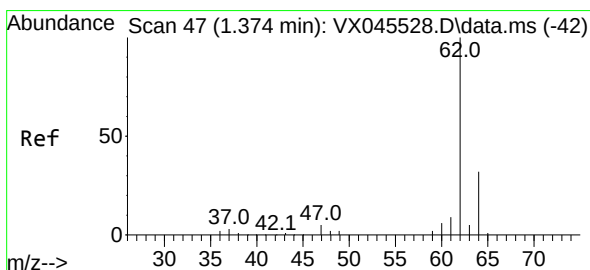
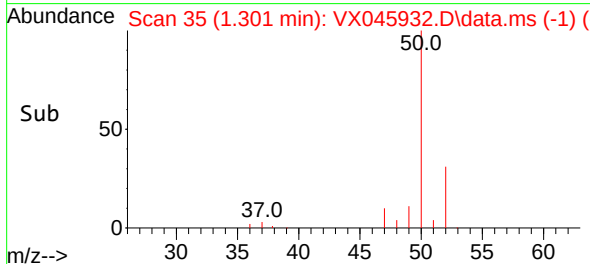
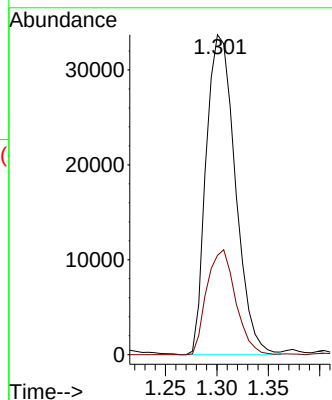
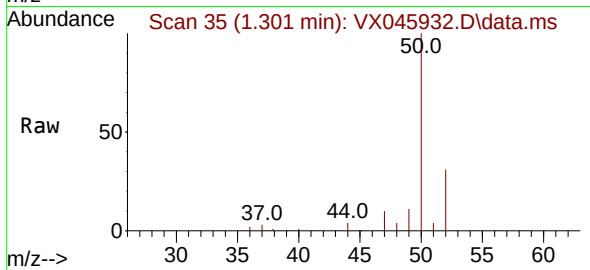
#3
Chloromethane
Concen: 49.556 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

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Tgt Ion: 50 Resp: 6661
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9

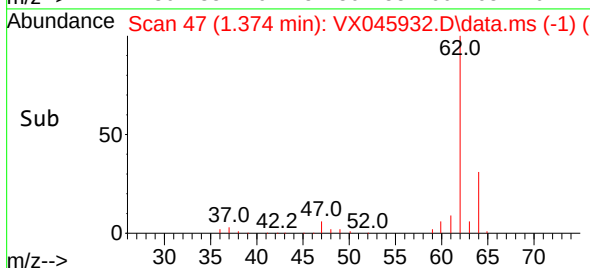
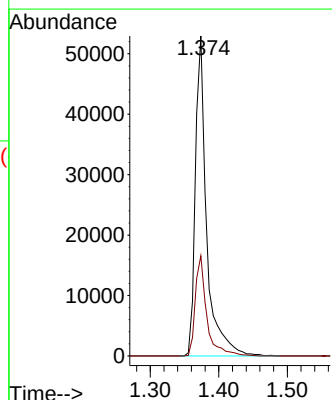
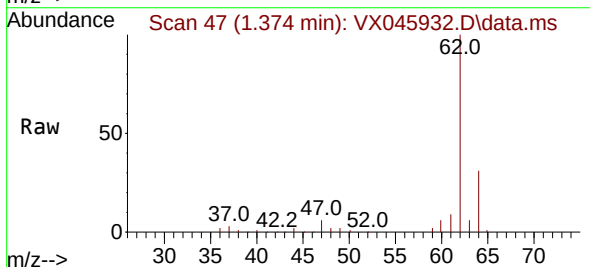
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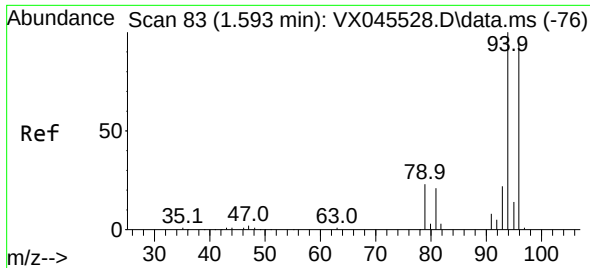
Reviewed By :John Carlone 04/28/2025
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#4
Vinyl Chloride
Concen: 49.295 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

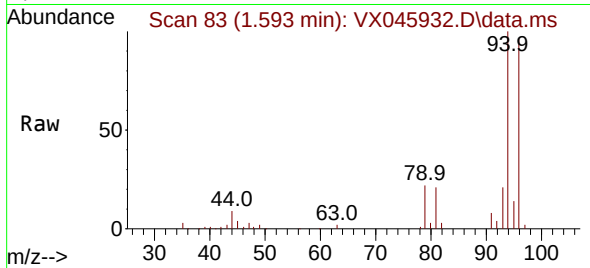
Tgt Ion: 62 Resp: 60642
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





#5
Bromomethane
Concen: 49.386 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

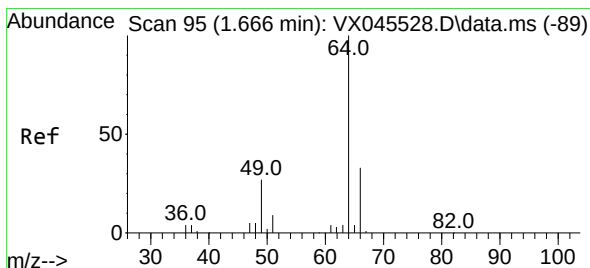
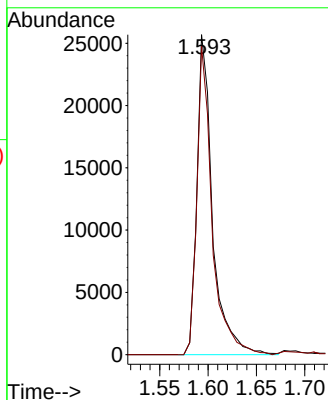
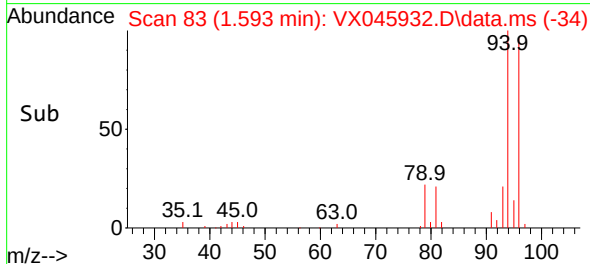
Instrument :
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Tgt Ion: 94 Resp: 2880
Ion Ratio Lower Upper
94 100
96 96.4 74.8 112.2

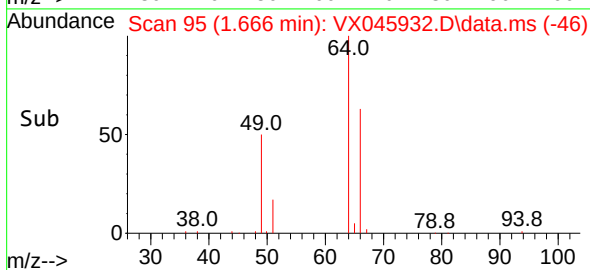
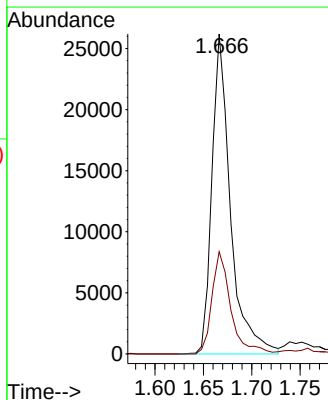
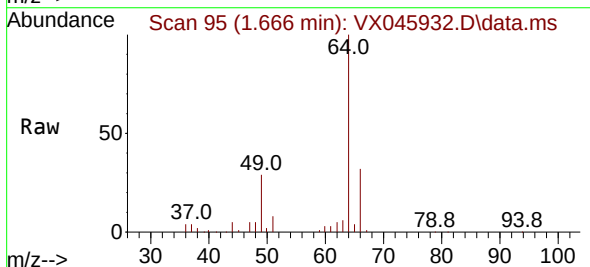
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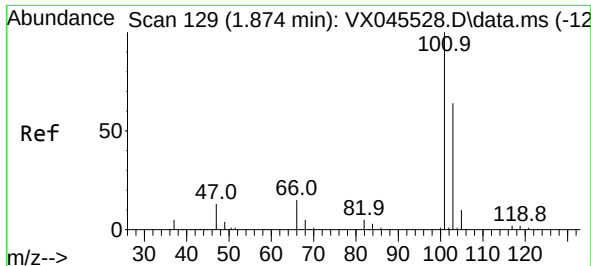
Reviewed By :John Carlone 04/28/2025
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#6
Chloroethane
Concen: 53.384 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 64 Resp: 34843
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





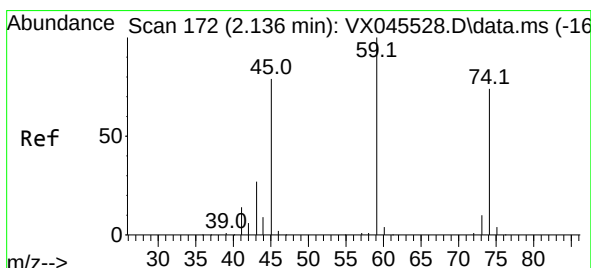
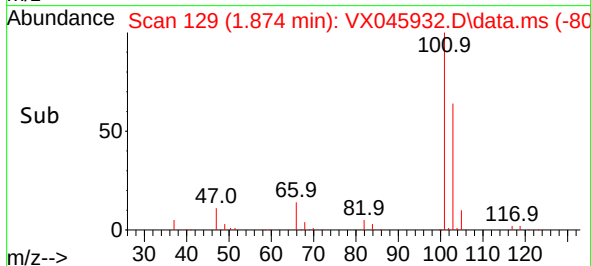
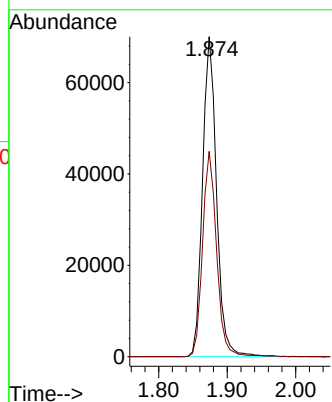
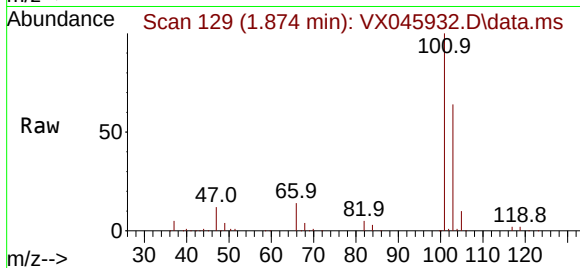
#7
Trichlorofluoromethane
Concen: 54.309 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
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Tgt Ion:101 Resp: 99628
Ion Ratio Lower Upper
101 100
103 64.1 51.1 76.7

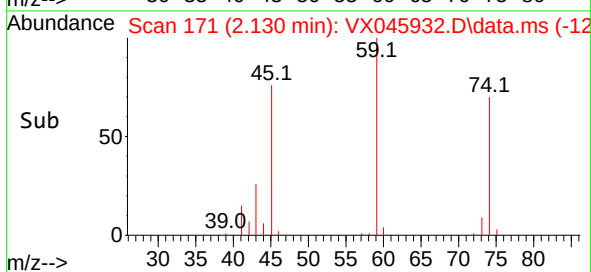
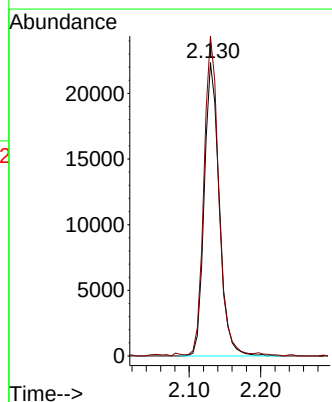
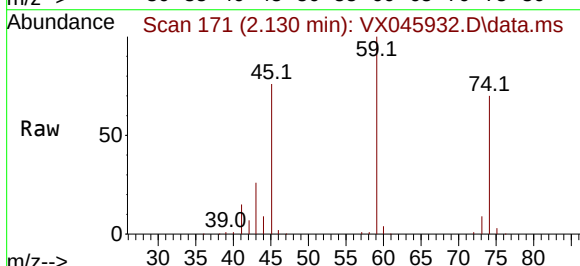
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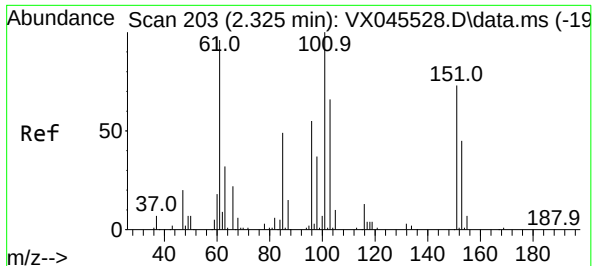
Reviewed By :John Carlone 04/28/2025
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#8
Diethyl Ether
Concen: 52.926 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 74 Resp: 32596
Ion Ratio Lower Upper
74 100
45 106.4 53.0 159.1





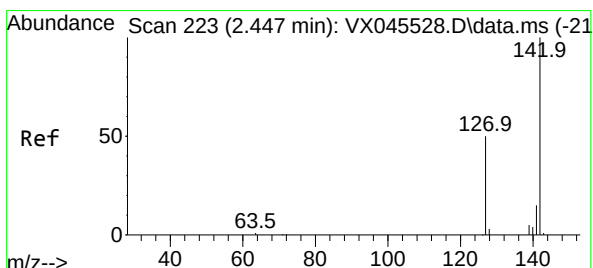
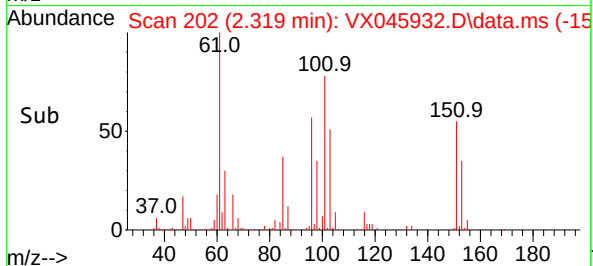
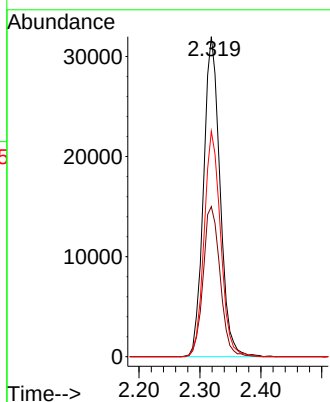
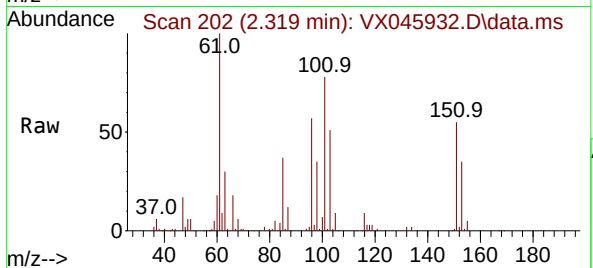
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.873 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

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Tgt Ion:101 Resp: 60060
Ion Ratio Lower Upper
101 100
85 48.3 38.9 58.3
151 70.3 57.5 86.3

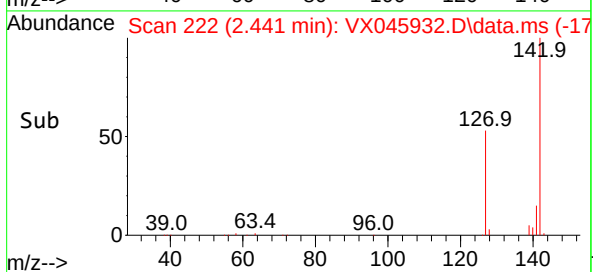
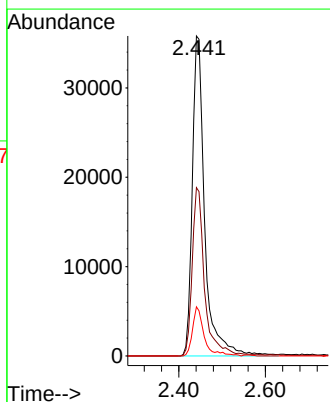
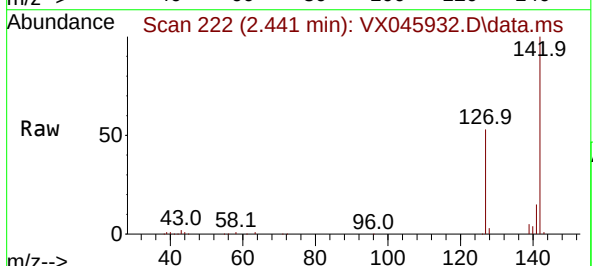
Manual Integrations
APPROVED

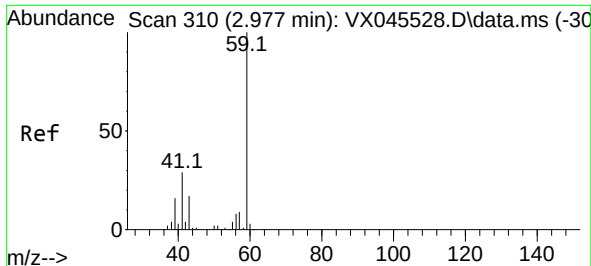
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#10
Methyl Iodide
Concen: 53.405 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion:142 Resp: 71606
Ion Ratio Lower Upper
142 100
127 52.8 40.2 60.4
141 14.3 11.7 17.5





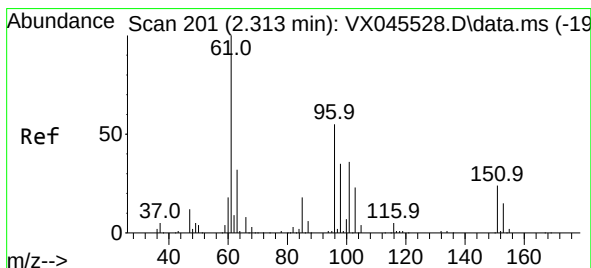
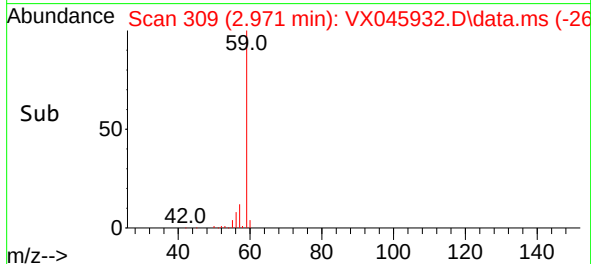
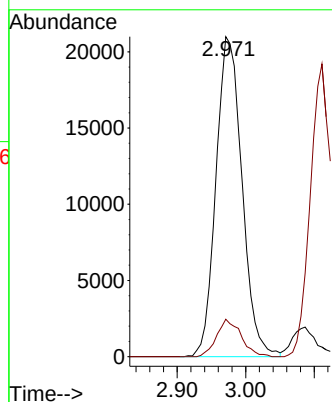
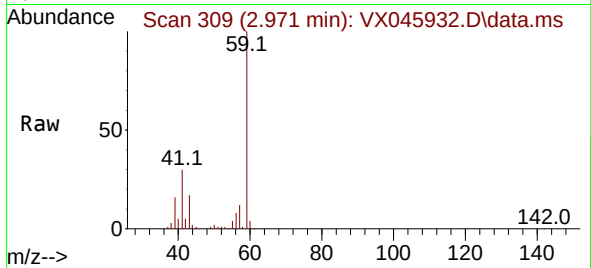
#11
Tert butyl alcohol
Concen: 257.436 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5535
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

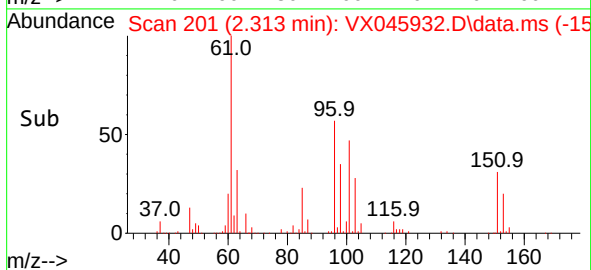
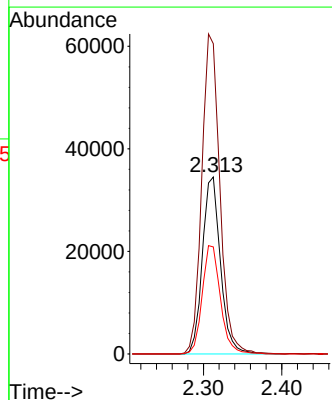
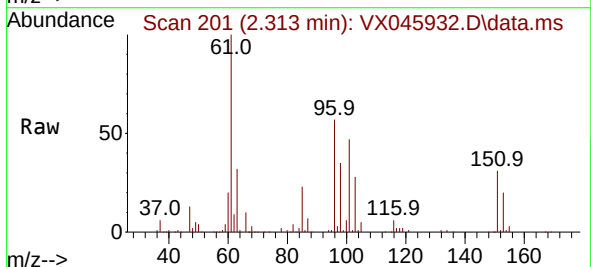
Manual Integrations
APPROVED

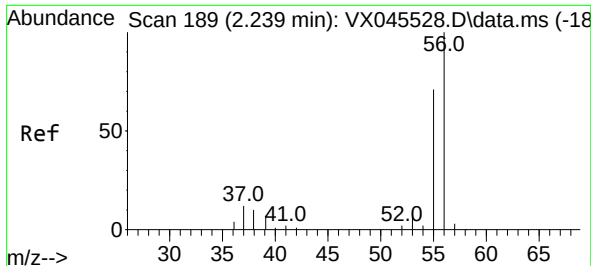
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#12
1,1-Dichloroethene
Concen: 52.621 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 96 Resp: 55271
Ion Ratio Lower Upper
96 100
61 175.3 145.7 218.5
98 60.5 51.6 77.4





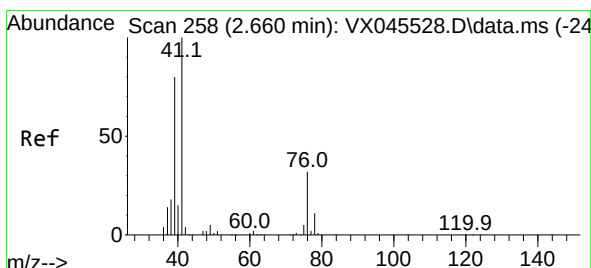
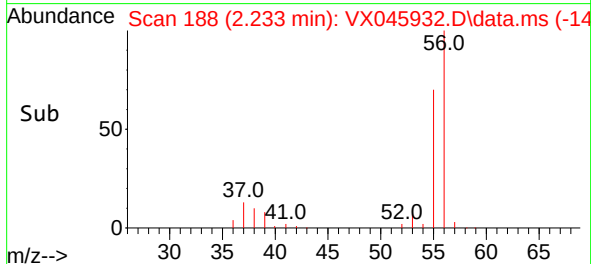
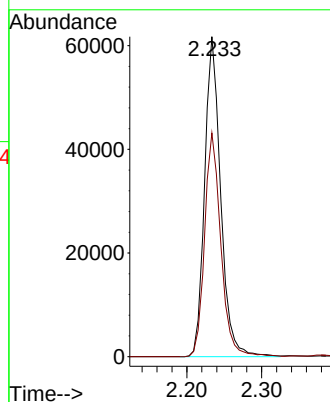
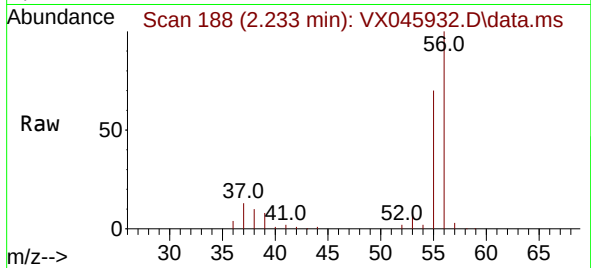
#13
Acrolein
Concen: 310.900 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 92062
Ion Ratio Lower Upper
56 100
55 70.8 56.2 84.2

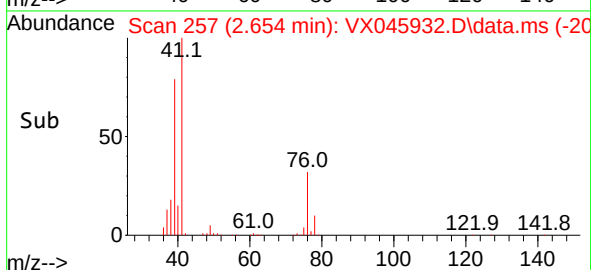
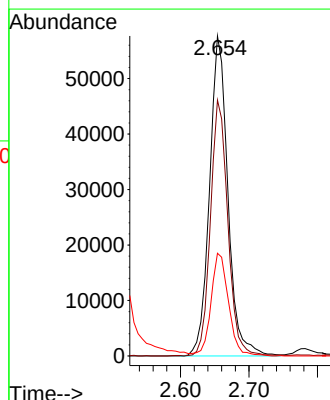
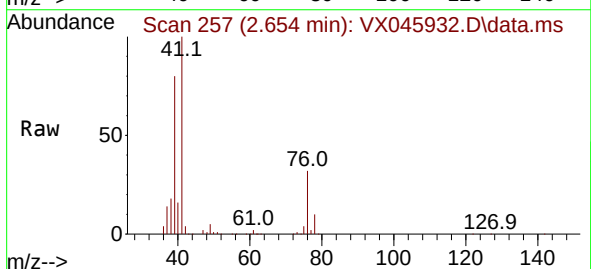
Manual Integrations
APPROVED

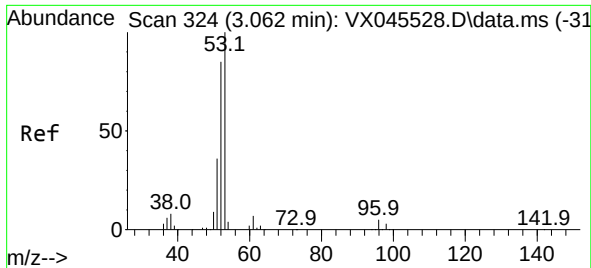
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#14
Allyl chloride
Concen: 54.030 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

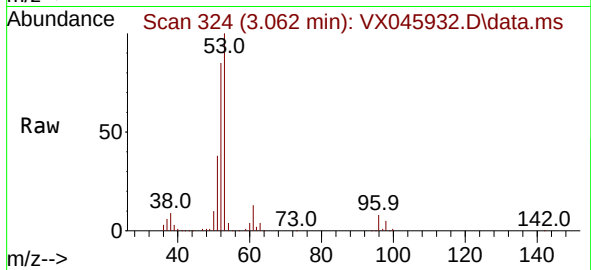
Tgt Ion: 41 Resp: 107678
Ion Ratio Lower Upper
41 100
39 75.7 60.2 90.2
76 30.6 24.6 36.8





#15
Acrylonitrile
Concen: 252.328 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

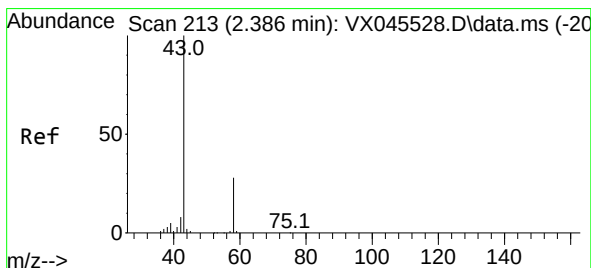
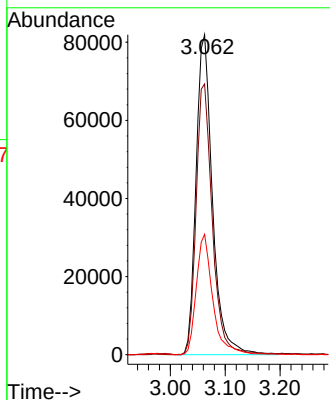
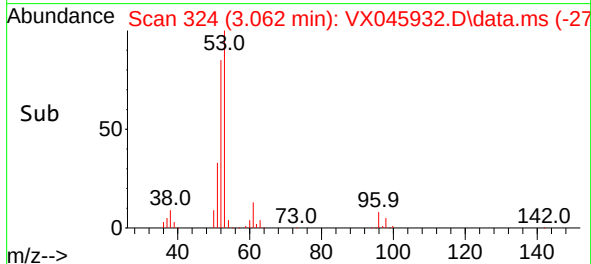
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 171275
Ion Ratio Lower Upper
53 100
52 83.3 67.4 101.2
51 38.0 29.9 44.9

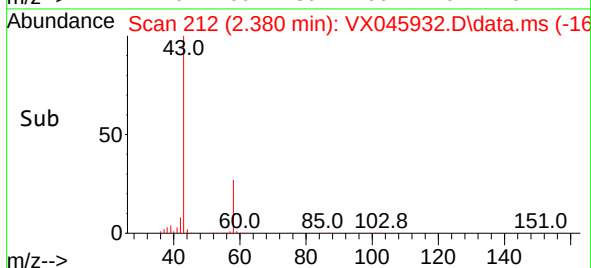
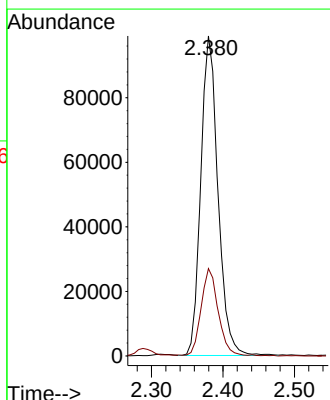
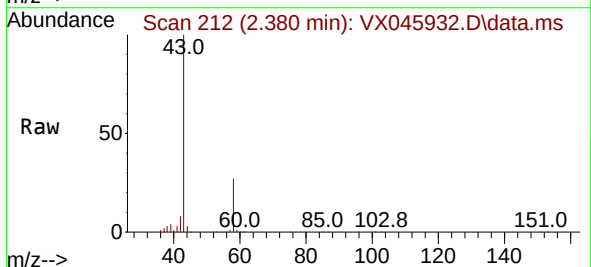
Manual Integrations
APPROVED

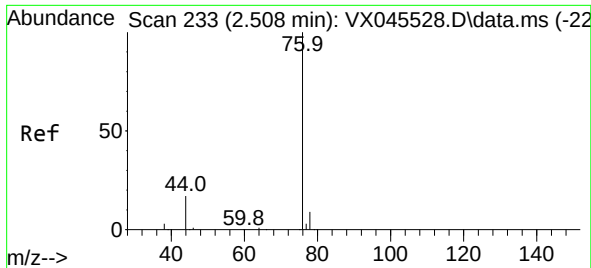
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#16
Acetone
Concen: 251.386 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 43 Resp: 165166
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5





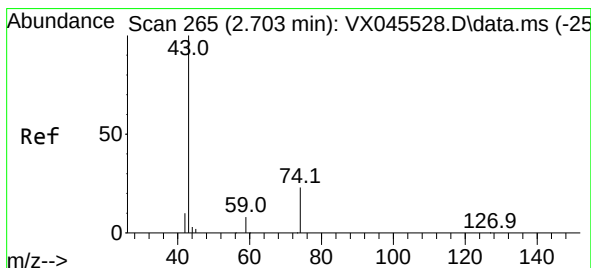
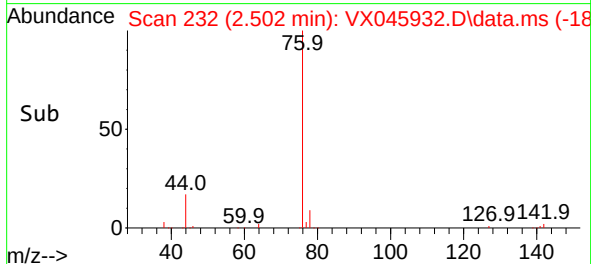
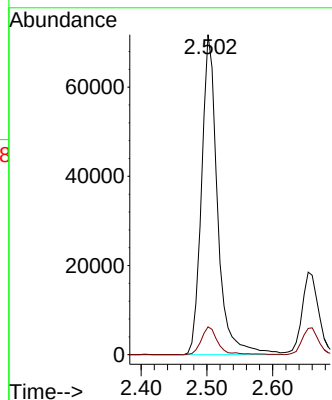
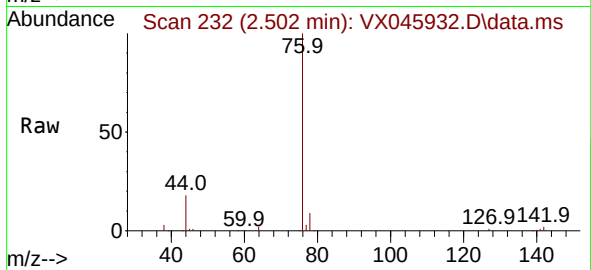
#17
Carbon Disulfide
Concen: 46.793 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12139
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

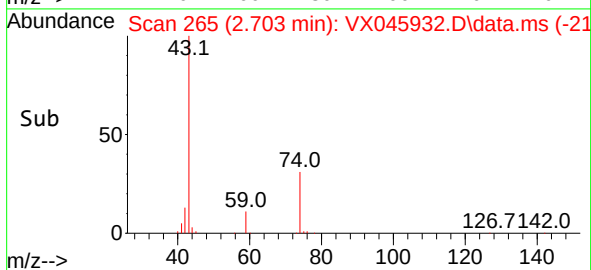
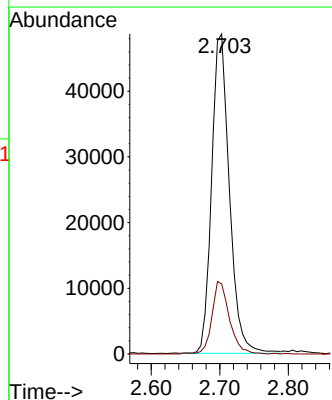
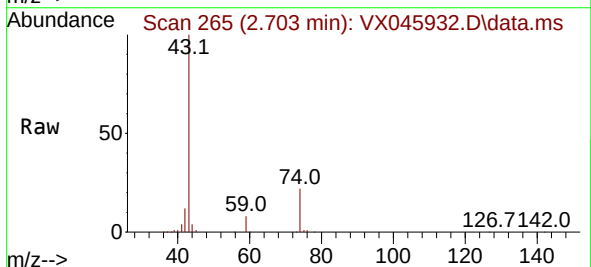
Manual Integrations
APPROVED

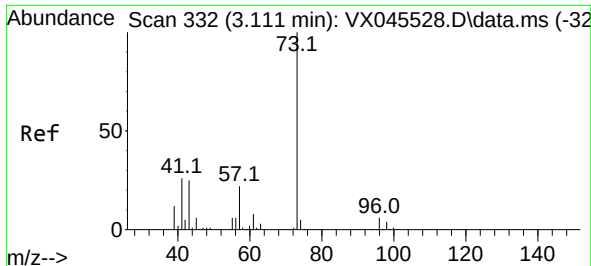
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#18
Methyl Acetate
Concen: 58.017 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

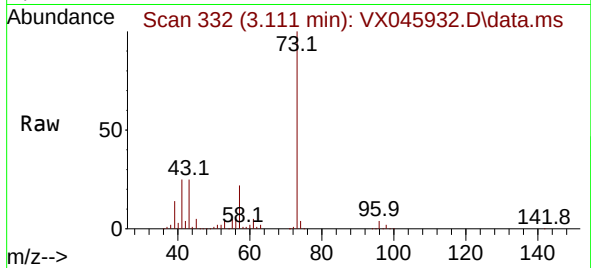
Tgt Ion: 43 Resp: 87762
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 55.065 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

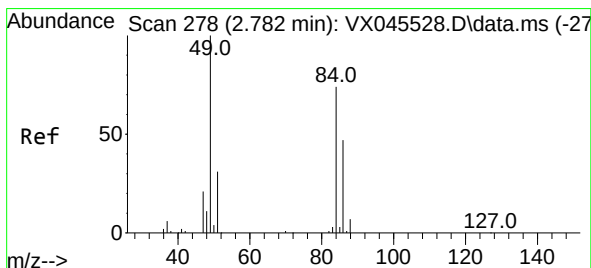
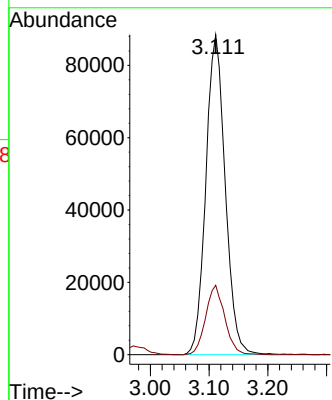
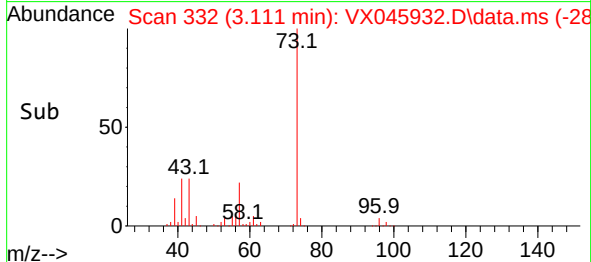
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 202328
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

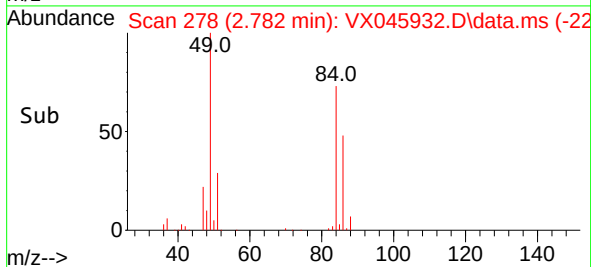
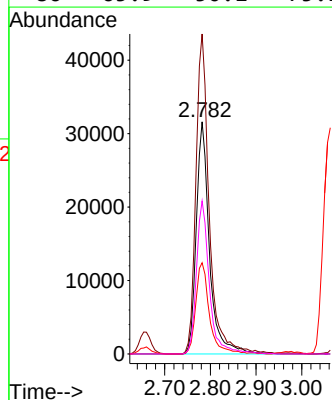
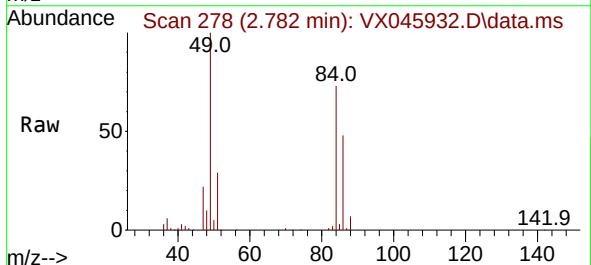
Manual Integrations
APPROVED

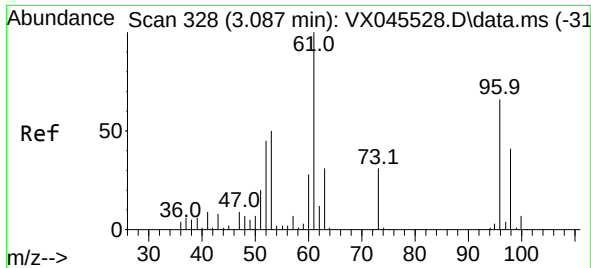
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#20
Methylene Chloride
Concen: 51.641 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

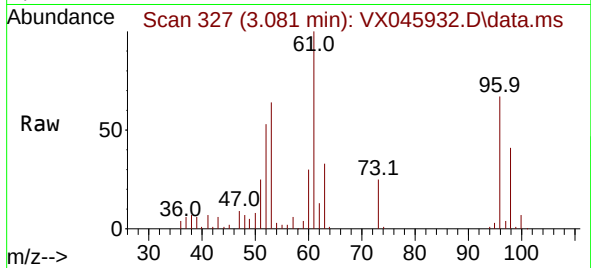
Tgt Ion: 84 Resp: 63520
Ion Ratio Lower Upper
84 100
49 137.8 107.5 161.3
51 39.3 33.0 49.6
86 65.9 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 51.863 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

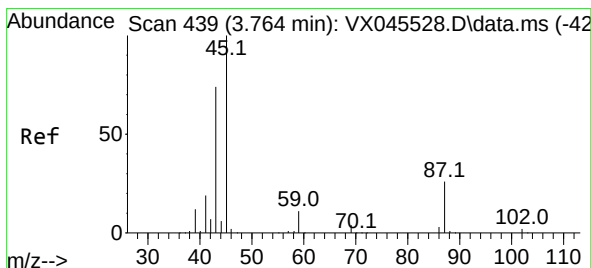
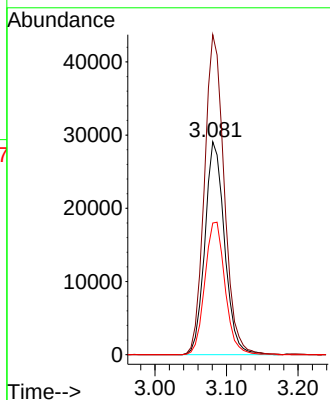
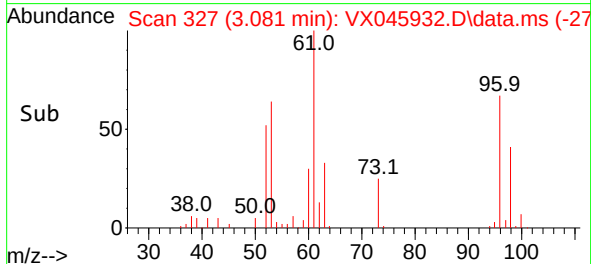
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5565
Ion Ratio Lower Upper
96 100
61 150.2 121.0 181.6
98 61.8 49.7 74.5

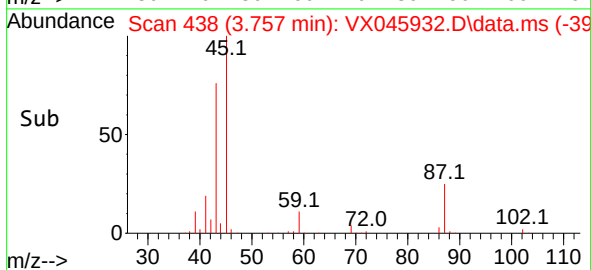
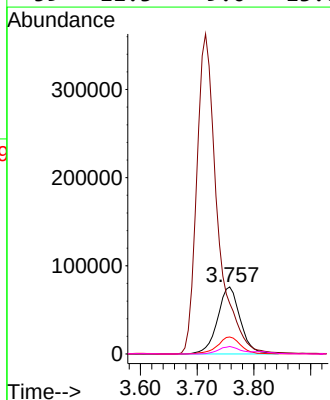
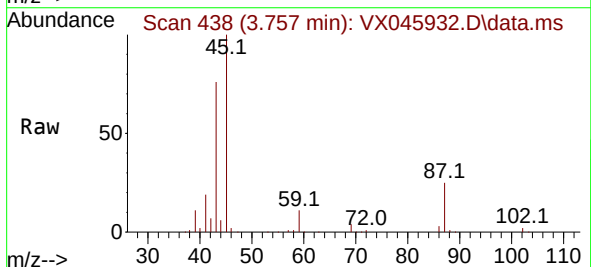
Manual Integrations
APPROVED

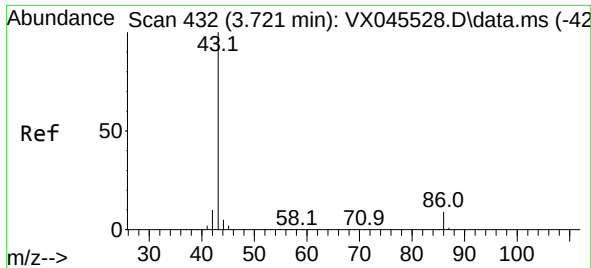
Reviewed By :John Carbone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#22
Diisopropyl ether
Concen: 53.861 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 45 Resp: 211448
Ion Ratio Lower Upper
45 100
43 75.4 59.3 88.9
87 25.4 20.4 30.6
59 11.3 9.0 13.6





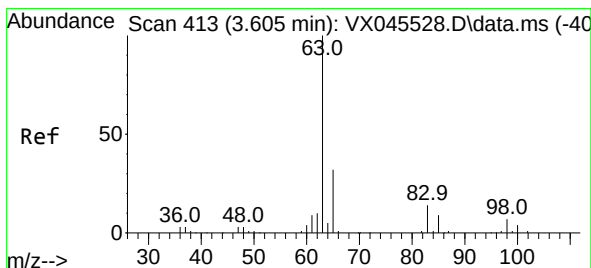
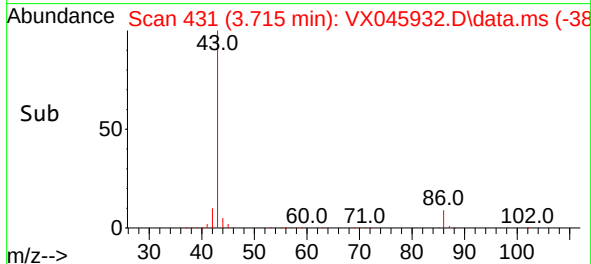
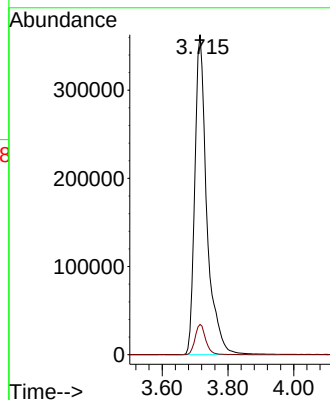
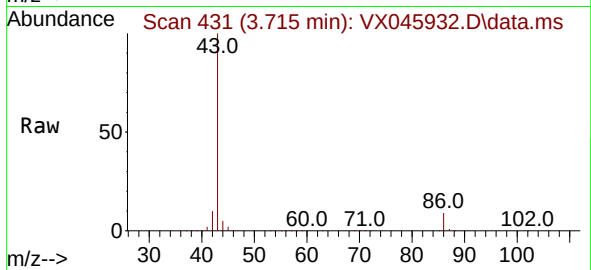
#23
 Vinyl Acetate
 Concen: 271.884 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045932.D
 Acq: 25 Apr 2025 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 922194
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

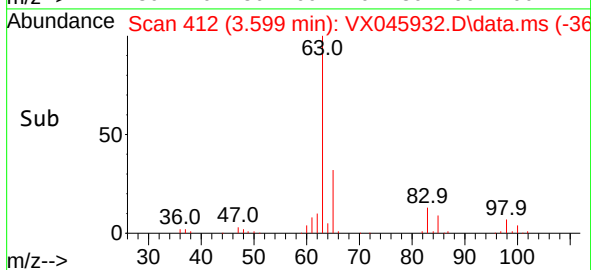
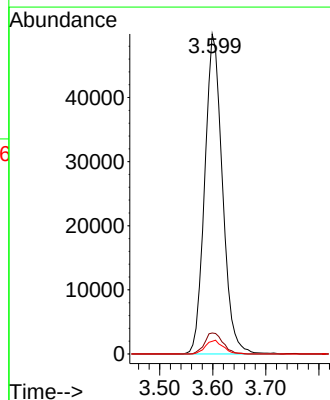
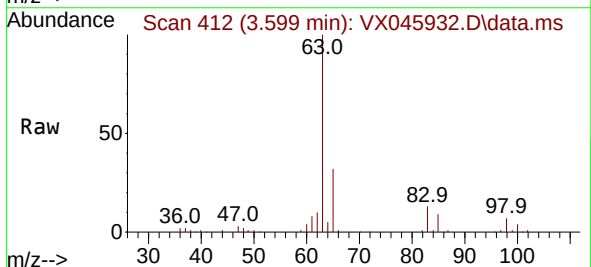
Manual Integrations
 APPROVED

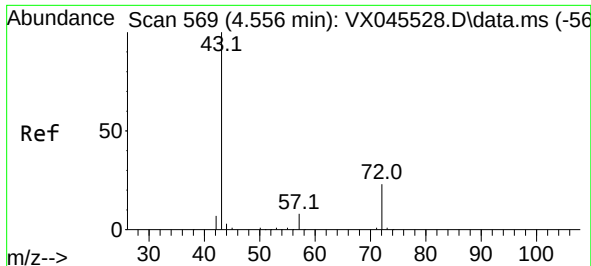
Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025



#24
 1,1-Dichloroethane
 Concen: 52.244 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045932.D
 Acq: 25 Apr 2025 09:42

Tgt Ion: 63 Resp: 115991
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.0 2.2 6.6





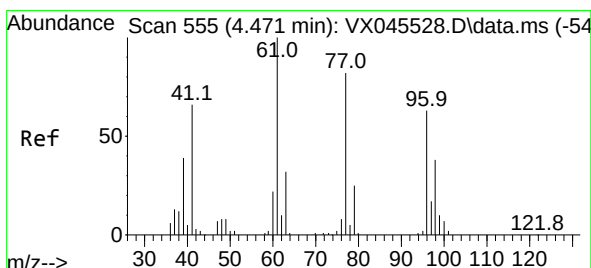
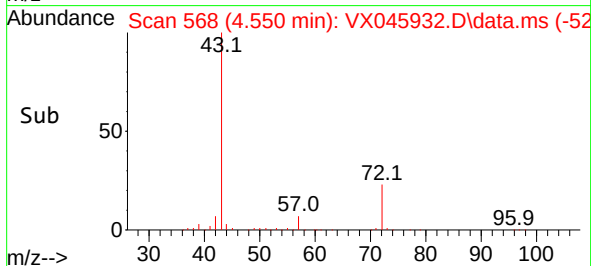
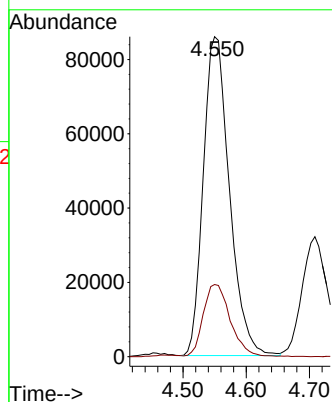
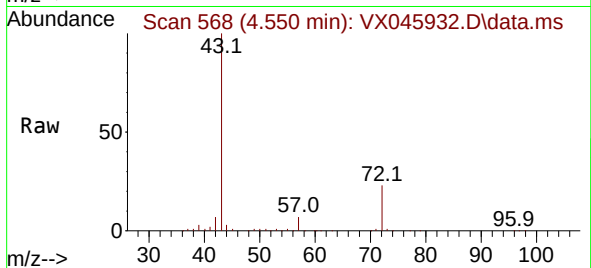
#25
2-Butanone
Concen: 256.429 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 246619
Ion Ratio Lower Upper
43 100
72 22.4 18.6 28.0

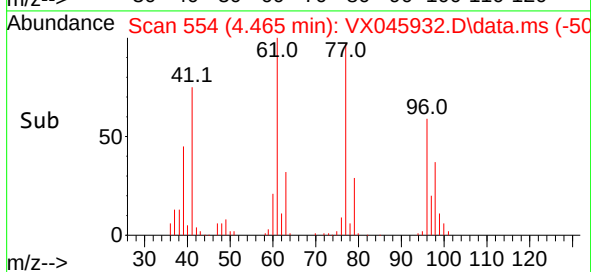
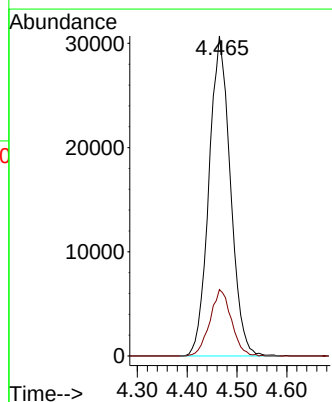
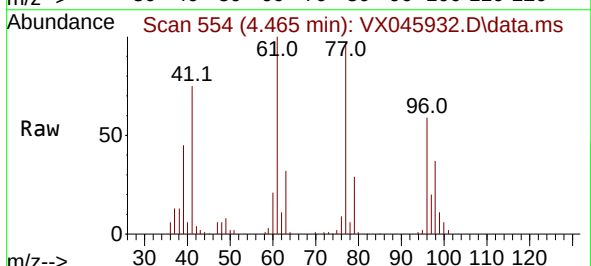
Manual Integrations
APPROVED

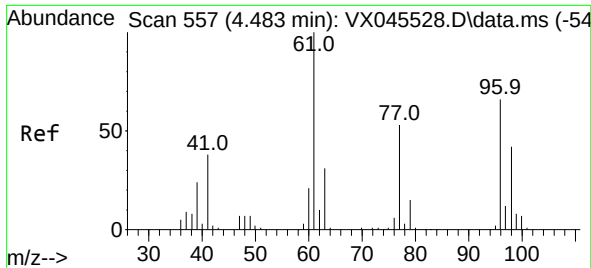
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#26
2,2-Dichloropropane
Concen: 63.860 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 77 Resp: 91605
Ion Ratio Lower Upper
77 100
97 20.8 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 51.880 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 67820

Ion Ratio Lower Upper

96 100

61 163.0 0.0 313.2

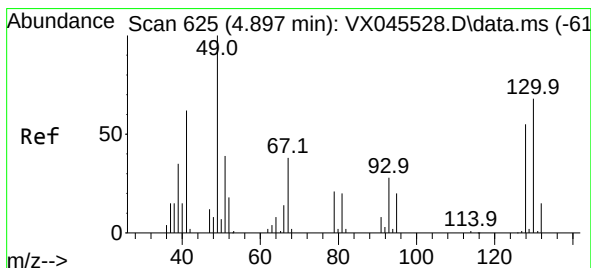
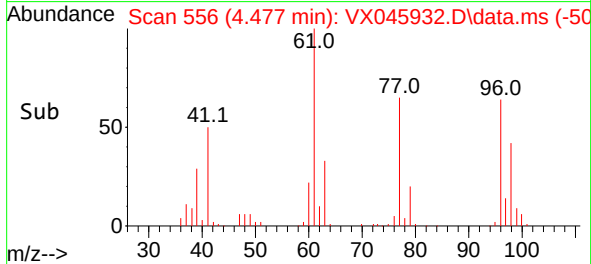
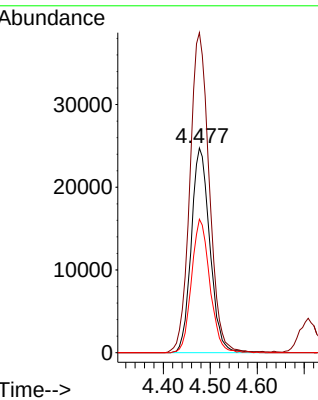
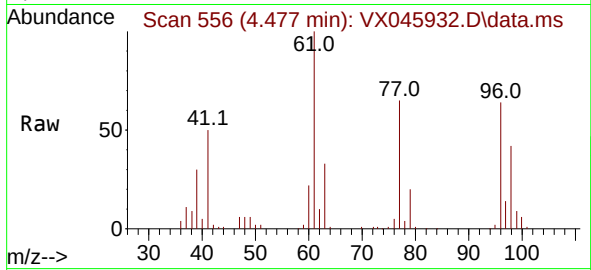
98 64.3 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#28

Bromochloromethane

Concen: 46.532 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

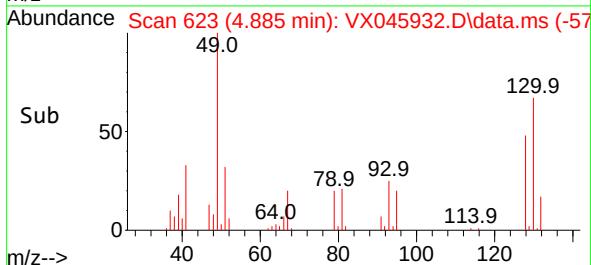
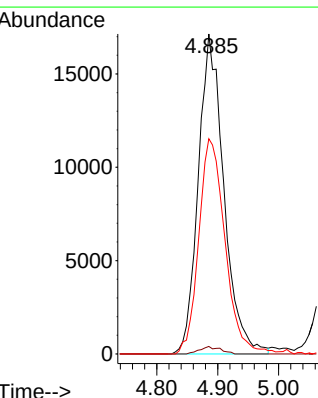
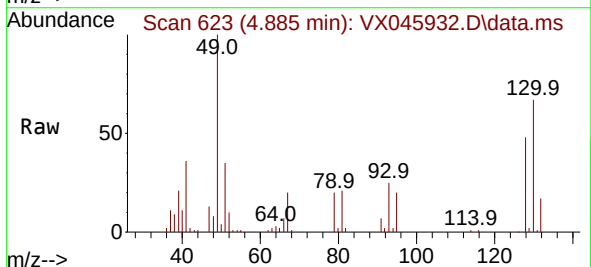
Tgt Ion: 49 Resp: 49924

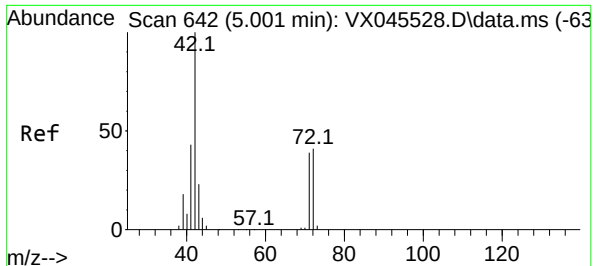
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 69.2 54.6 81.8





#29

Tetrahydrofuran

Concen: 246.691 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 153819

Ion Ratio Lower Upper

42 100

72 41.6 33.4 50.0

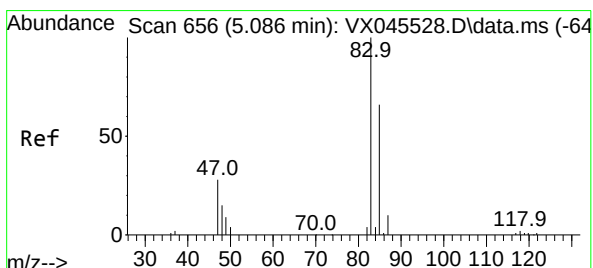
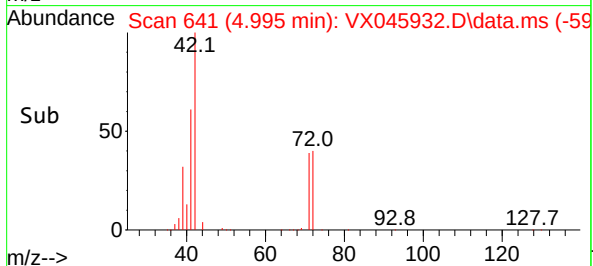
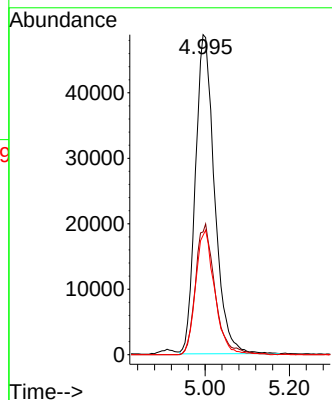
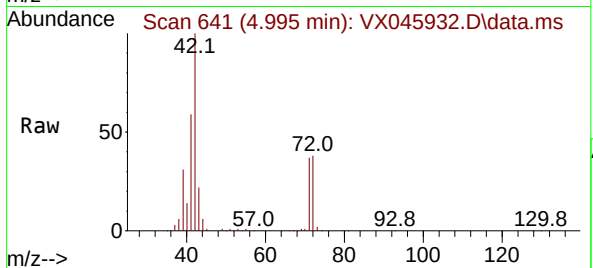
71 38.9 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#30

Chloroform

Concen: 53.253 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045932.D

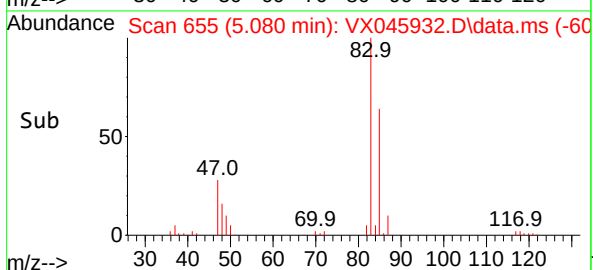
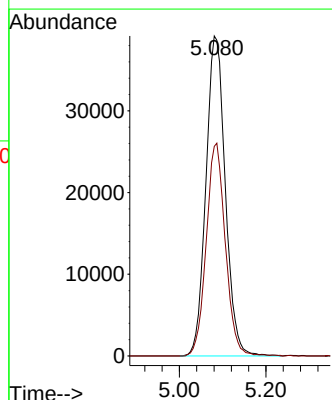
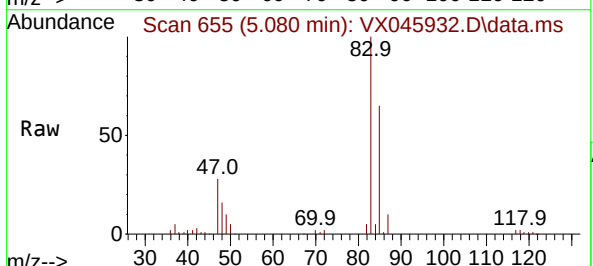
Acq: 25 Apr 2025 09:42

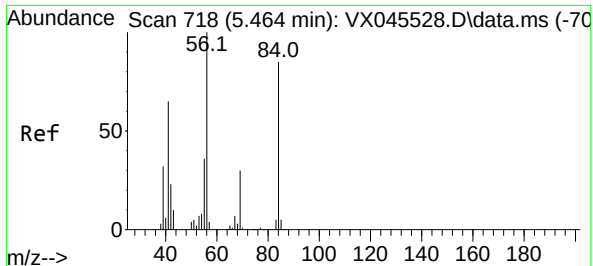
Tgt Ion: 83 Resp: 121658

Ion Ratio Lower Upper

83 100

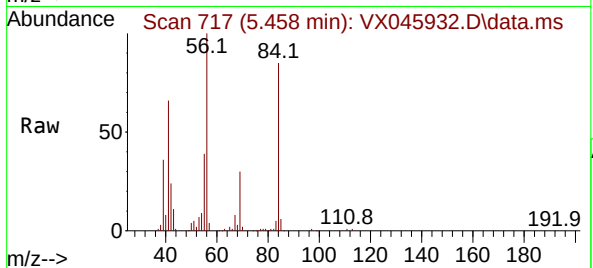
85 65.5 52.8 79.2





#31
Cyclohexane
Concen: 52.513 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

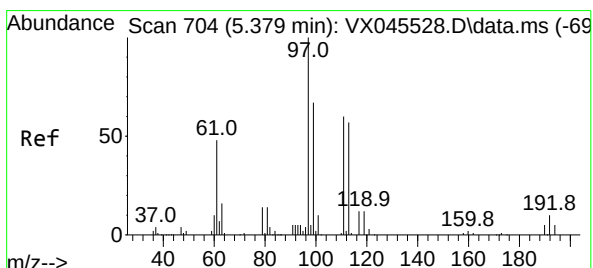
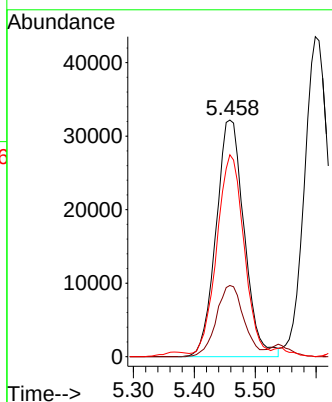
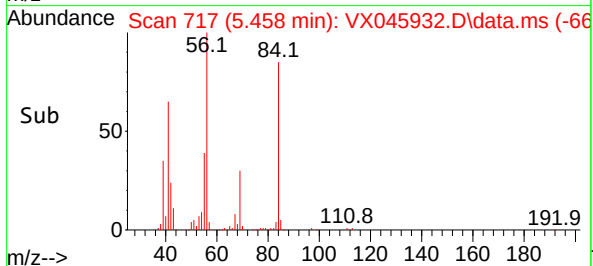
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 103070
Ion Ratio Lower Upper
56 100
69 30.1 23.6 35.4
84 83.5 67.7 101.5

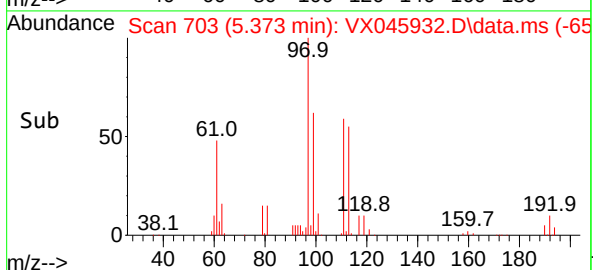
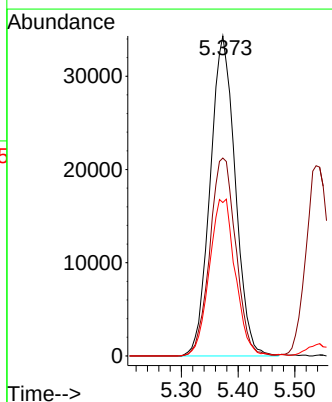
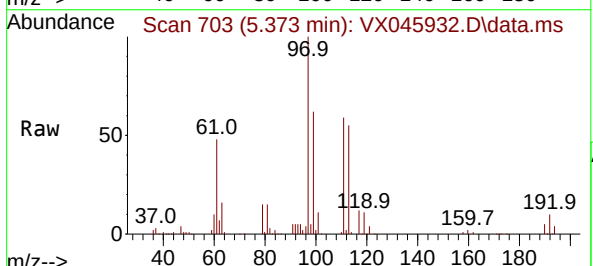
Manual Integrations
APPROVED

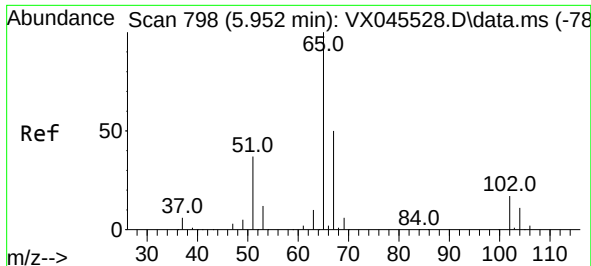
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#32
1,1,1-Trichloroethane
Concen: 54.484 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 97 Resp: 105322
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 51.0 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 51.017 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 81629

Ion Ratio Lower Upper

65 100

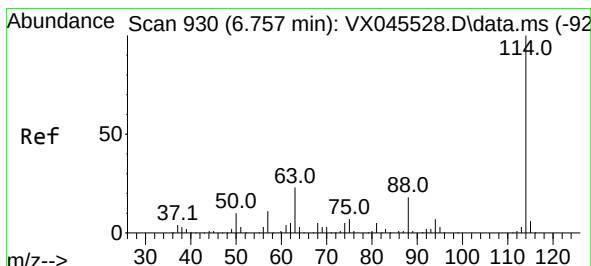
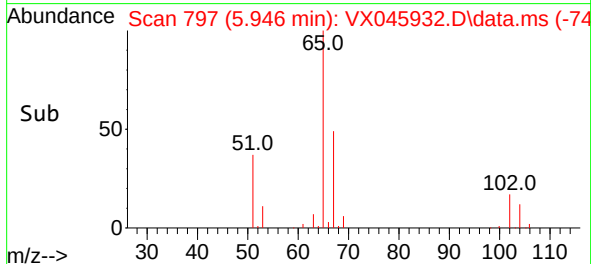
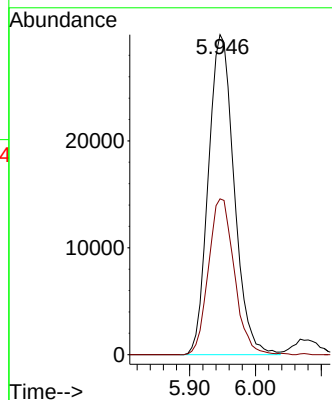
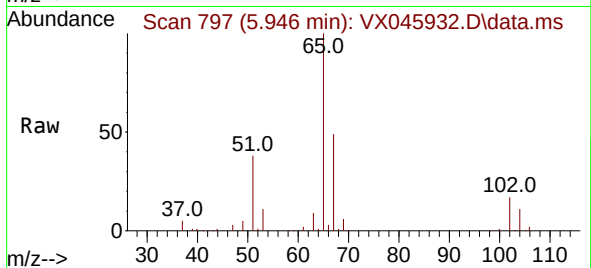
67 48.7 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

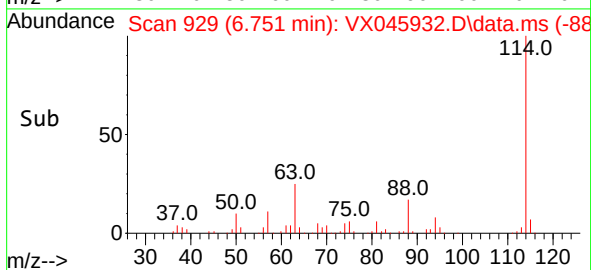
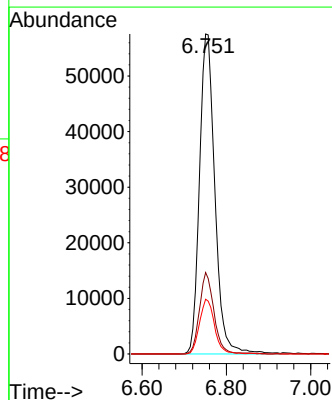
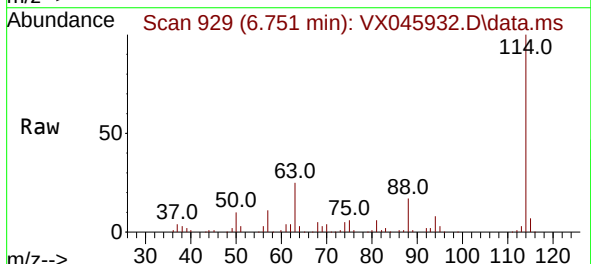
Tgt Ion:114 Resp: 146416

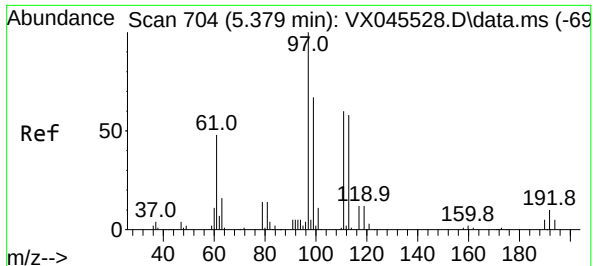
Ion Ratio Lower Upper

114 100

63 25.5 0.0 46.8

88 17.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 54.864 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

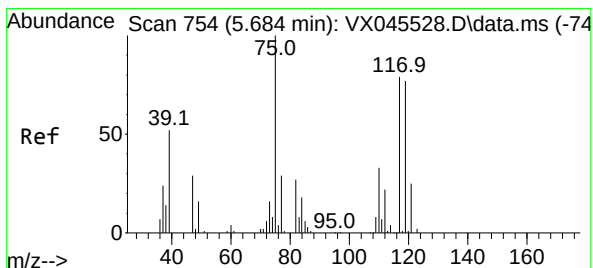
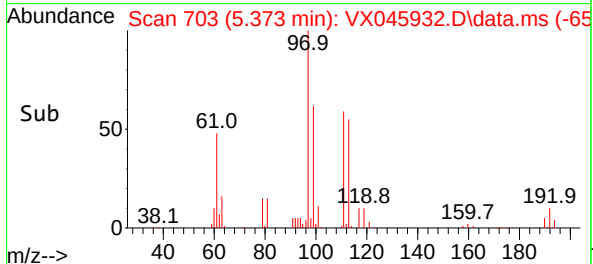
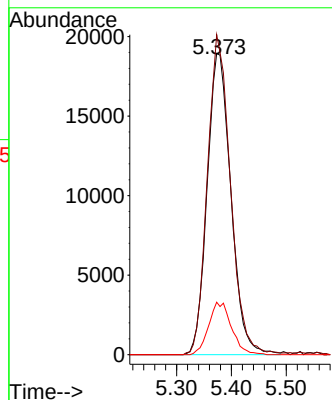
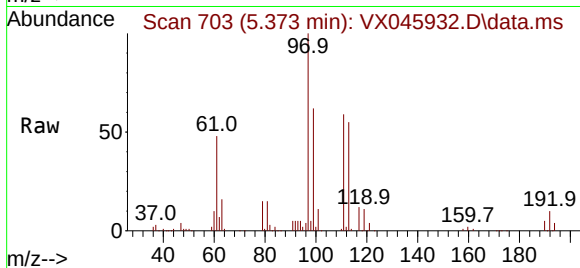
Tgt Ion:	113	Resp:	56994
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	16.7	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#36

1,1-Dichloropropene

Concen: 55.933 ug/l

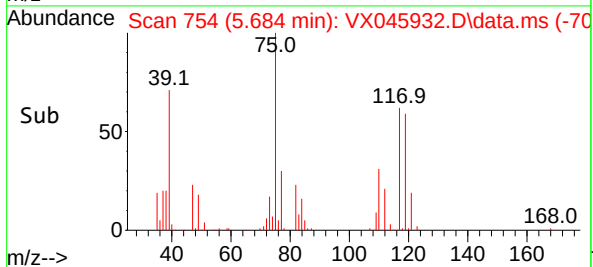
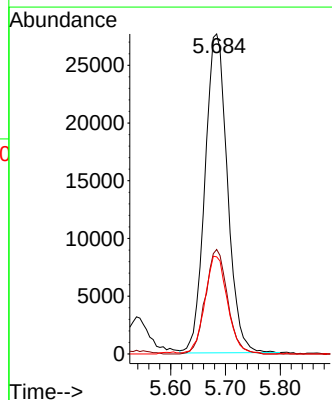
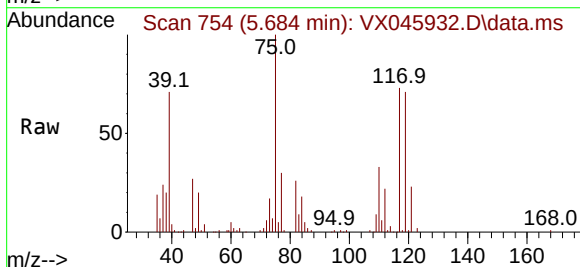
RT: 5.684 min Scan# 754

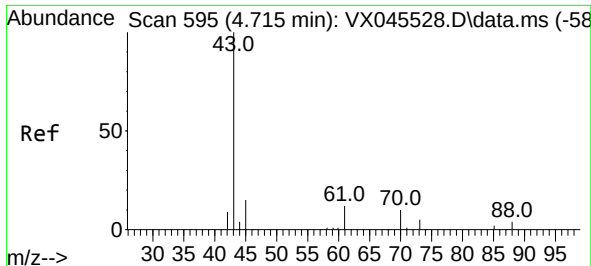
Delta R.T. 0.000 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Tgt Ion:	75	Resp:	78453
Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.9	50.6
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 53.455 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

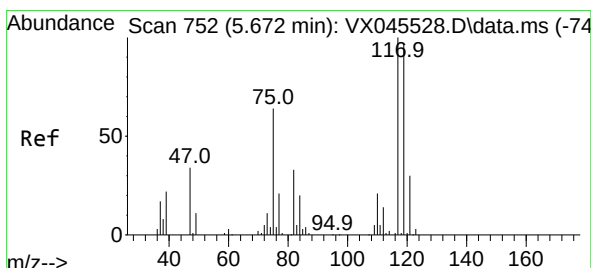
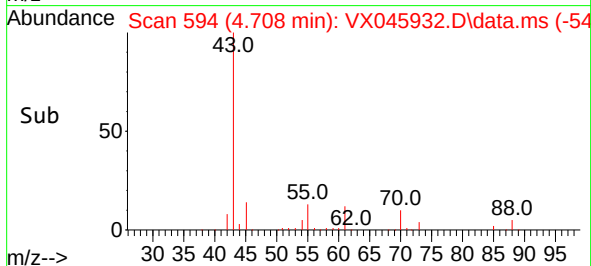
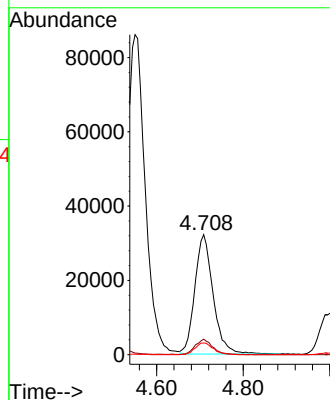
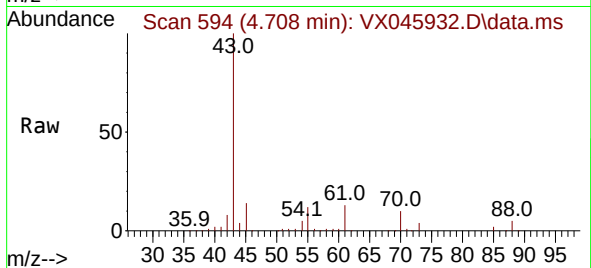
Tgt Ion: 43	Resp: 9448
Ion Ratio	Lower Upper
43 100	
61 12.3	9.9 14.9
70 9.7	7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#38

Carbon Tetrachloride

Concen: 58.977 ug/l

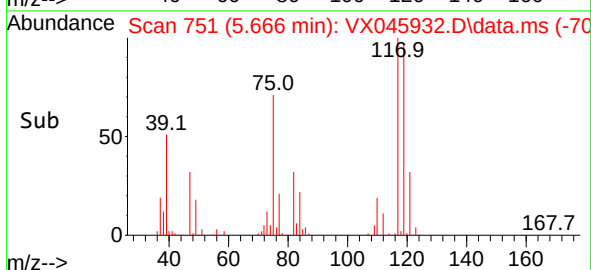
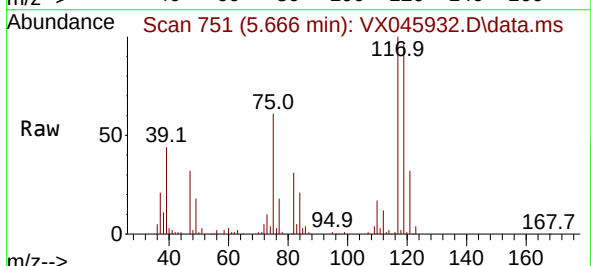
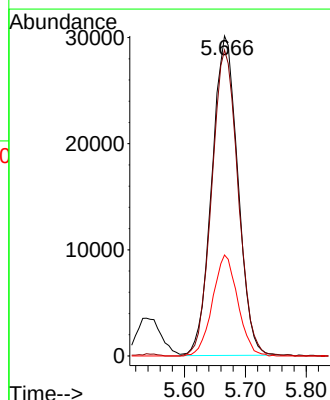
RT: 5.666 min Scan# 751

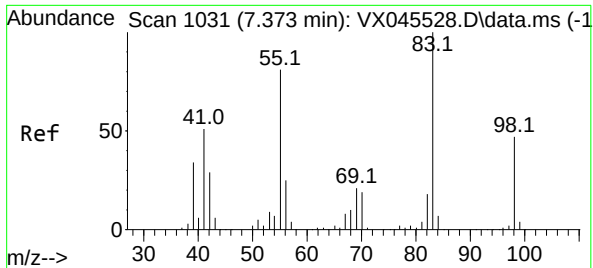
Delta R.T. -0.006 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Tgt Ion:117	Resp: 89403
Ion Ratio	Lower Upper
117 100	
119 95.8	76.9 115.3
121 31.6	24.2 36.2





#39

Methylcyclohexane

Concen: 59.008 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 101454

Ion Ratio Lower Upper

83 100

55 87.4 64.9 97.3

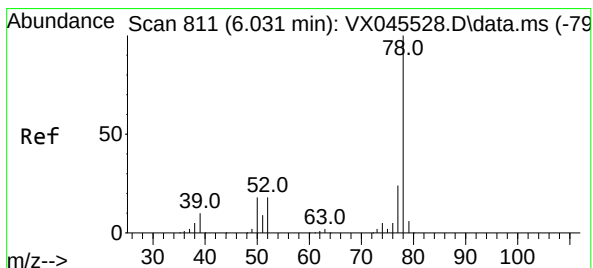
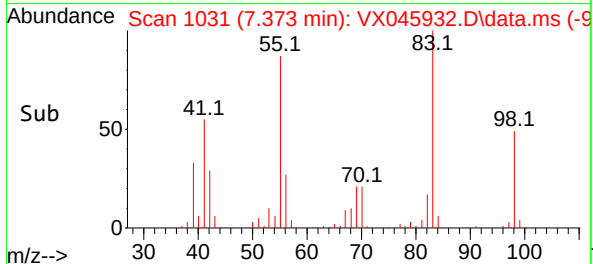
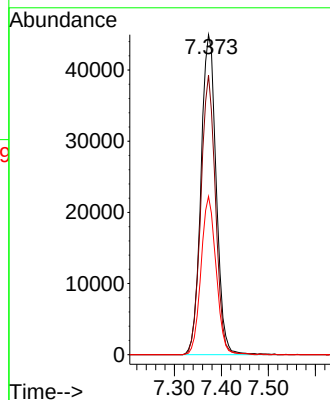
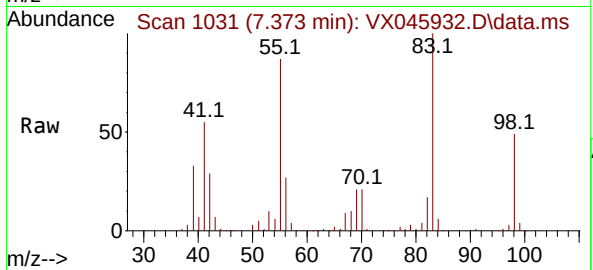
98 49.4 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#40

Benzene

Concen: 54.803 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045932.D

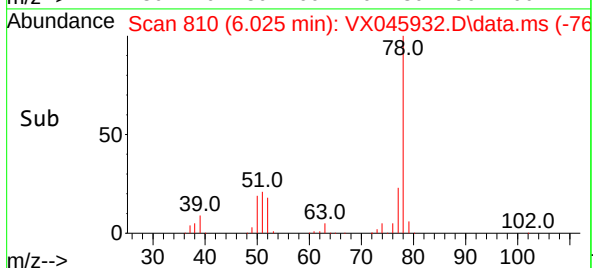
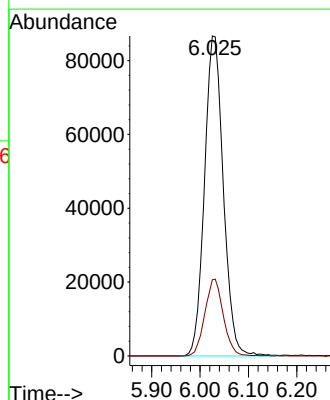
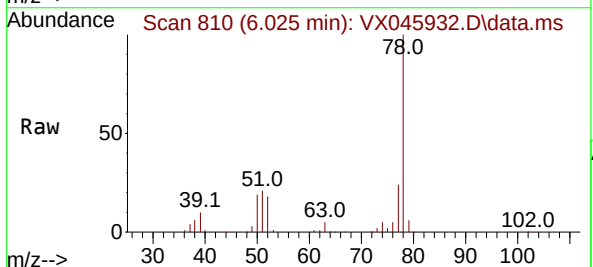
Acq: 25 Apr 2025 09:42

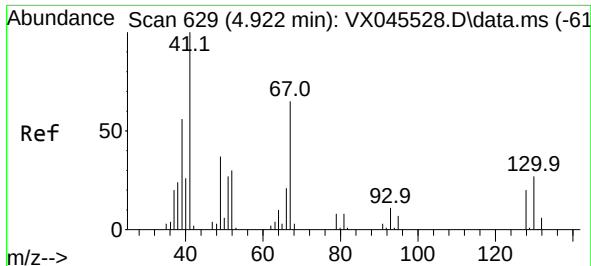
Tgt Ion: 78 Resp: 234763

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





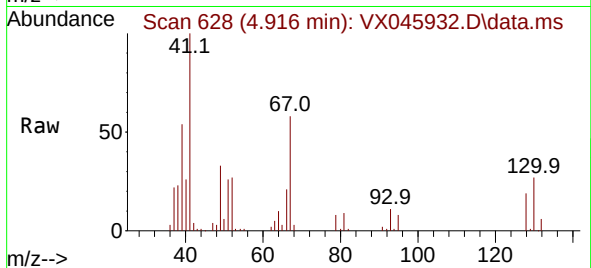
#41
Methacrylonitrile
Concen: 58.088 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



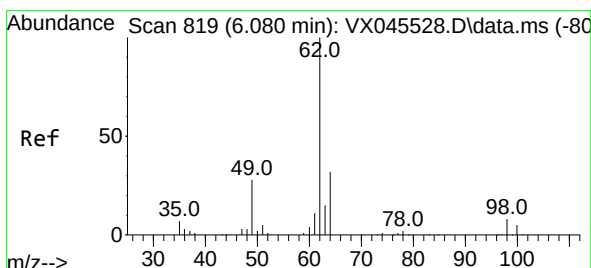
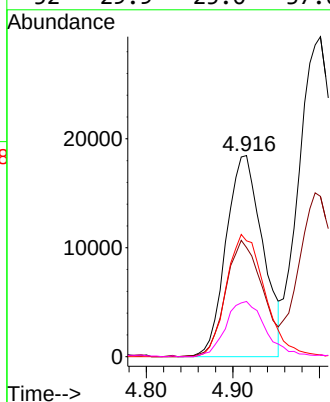
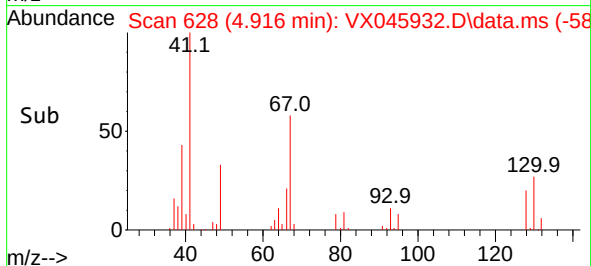
Tgt Ion: 41 Resp: 5417
Ion Ratio Lower Upper
41 100
39 58.3 47.0 70.6
67 64.3 53.2 79.8
52 29.9 25.0 37.6

Manual Integrations

APPROVED

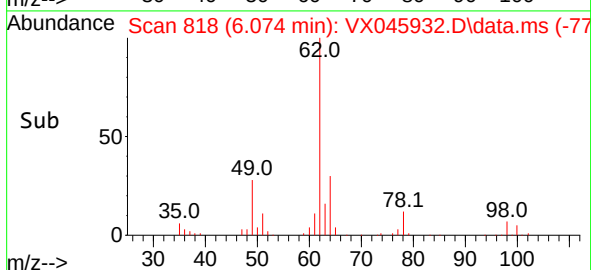
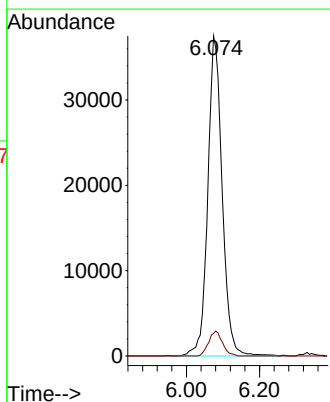
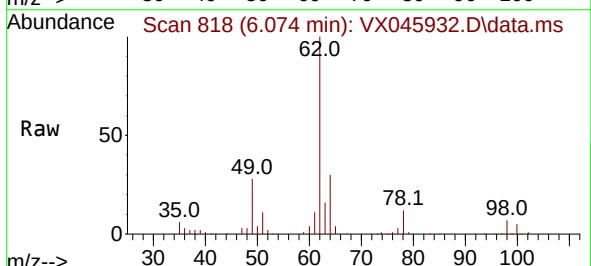
Reviewed By :John Carlone 04/28/2025

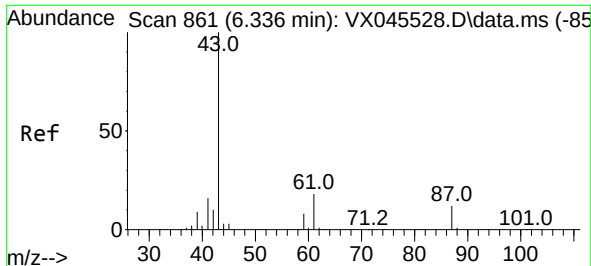
Supervised By :Semsettin Yesilyurt 04/28/2025



#42
1,2-Dichloroethane
Concen: 57.696 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

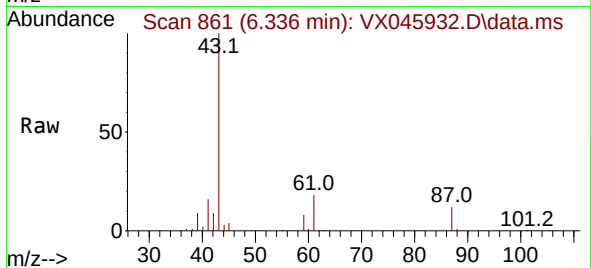
Tgt Ion: 62 Resp: 102081
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 56.691 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

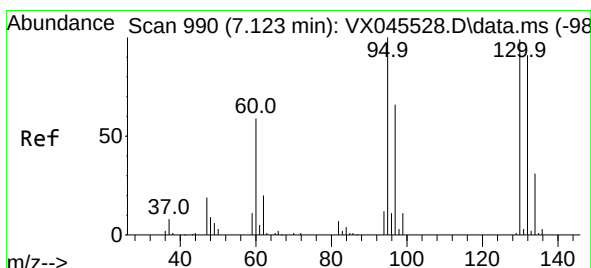
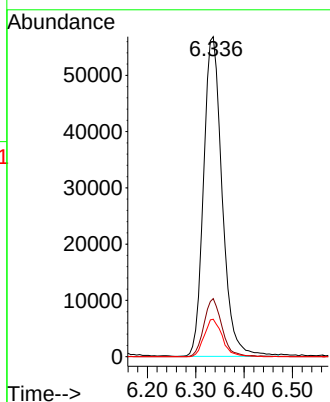
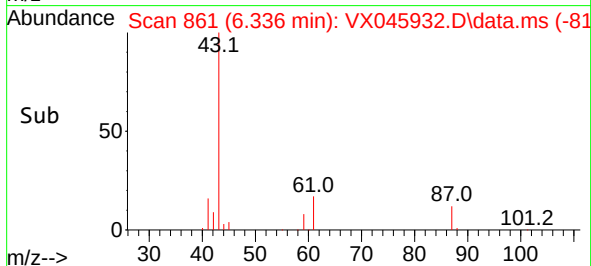
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15187
Ion Ratio Lower Upper
43 100
61 17.4 14.1 21.1
87 11.4 9.2 13.8

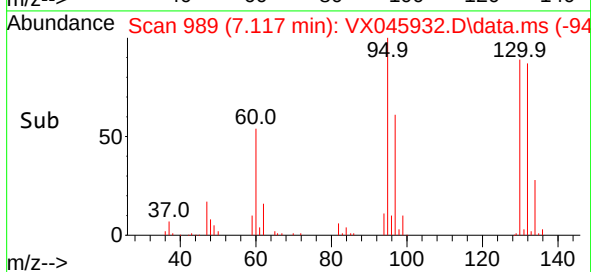
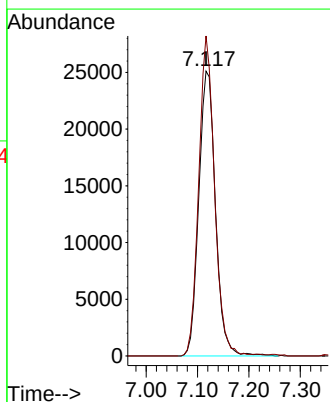
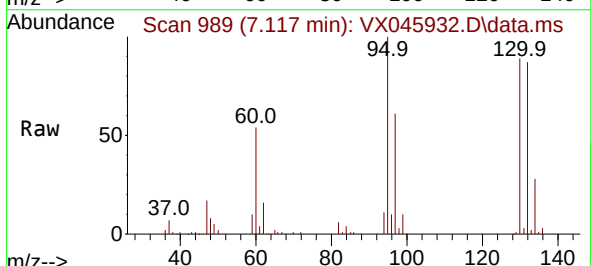
Manual Integrations
APPROVED

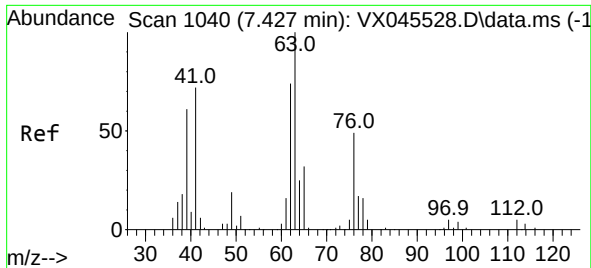
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#44
Trichloroethene
Concen: 55.711 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion:130 Resp: 56724
Ion Ratio Lower Upper
130 100
95 112.4 0.0 202.0





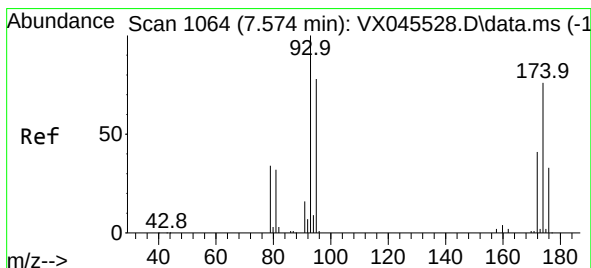
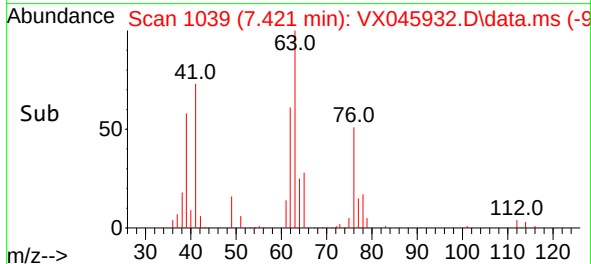
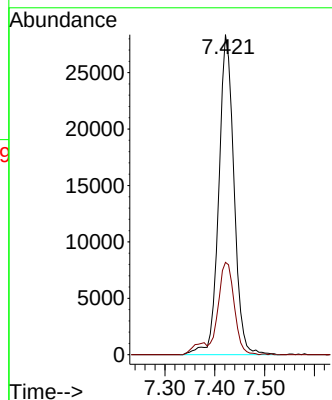
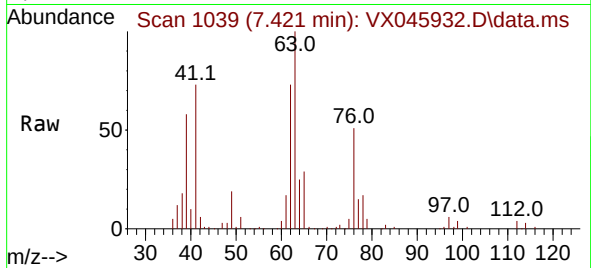
#45
1,2-Dichloropropane
Concen: 56.300 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 60175
Ion Ratio Lower Upper
63 100
65 28.9 25.8 38.6

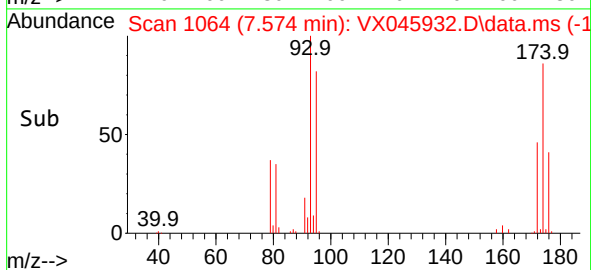
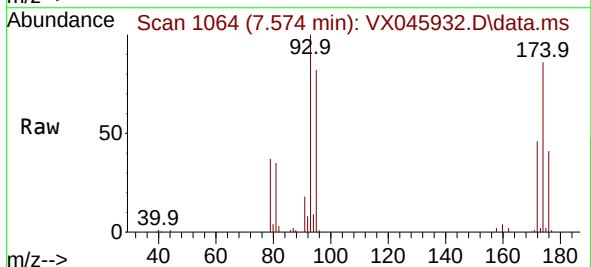
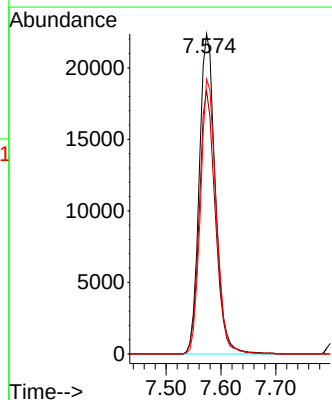
Manual Integrations
APPROVED

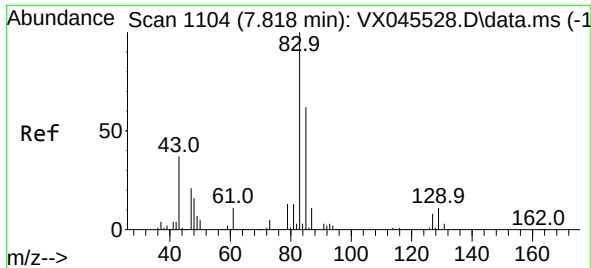
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#46
Dibromomethane
Concen: 55.754 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 93 Resp: 45745
Ion Ratio Lower Upper
93 100
95 81.8 64.8 97.2
174 84.2 65.4 98.0





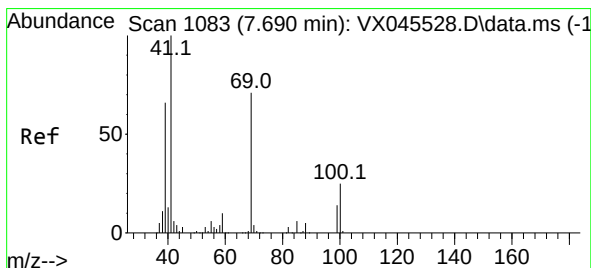
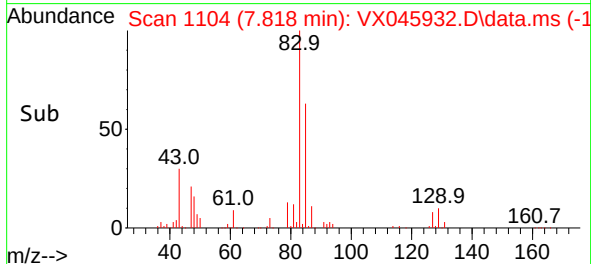
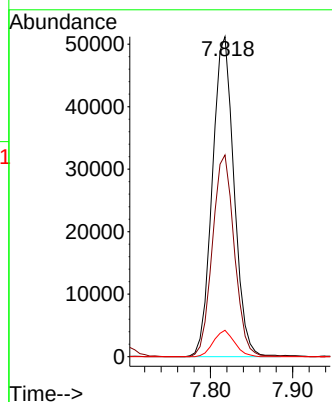
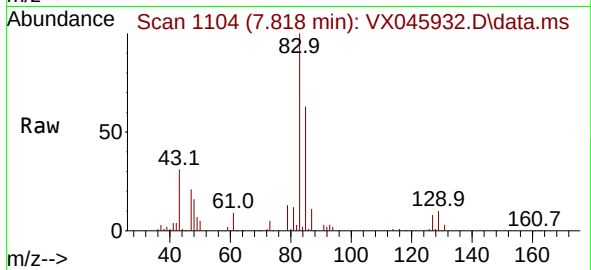
#47
Bromodichloromethane
Concen: 57.194 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 93715
Ion Ratio Lower Upper
83 100
85 63.1 49.7 74.5
127 8.3 6.1 9.1

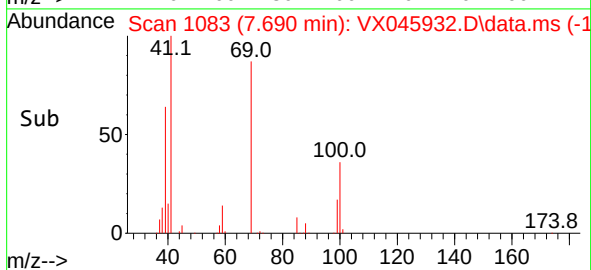
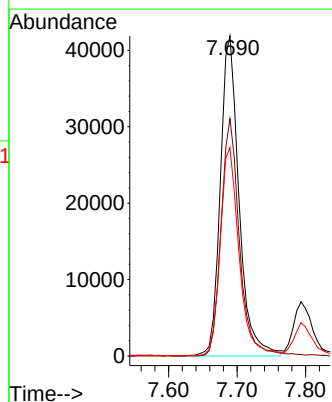
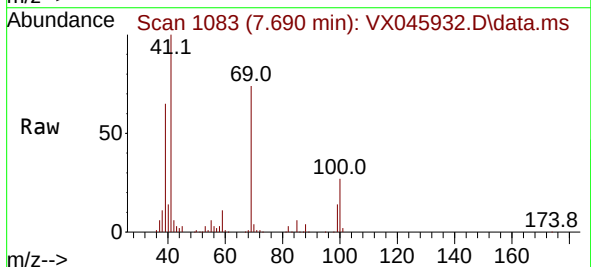
Manual Integrations
APPROVED

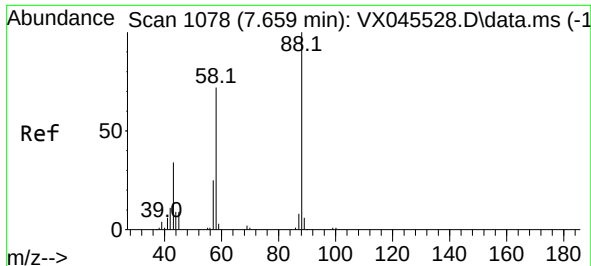
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#48
Methyl methacrylate
Concen: 57.089 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

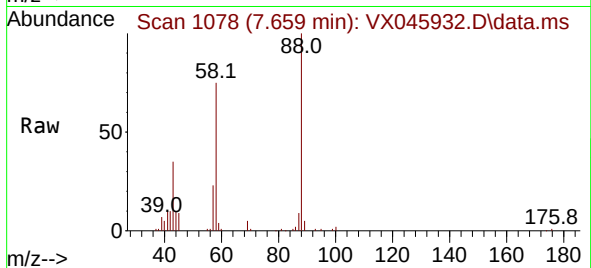
Tgt Ion: 41 Resp: 78967
Ion Ratio Lower Upper
41 100
69 73.3 58.2 87.2
39 66.0 53.6 80.4





#49
1,4-Dioxane
Concen: 1043.746 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

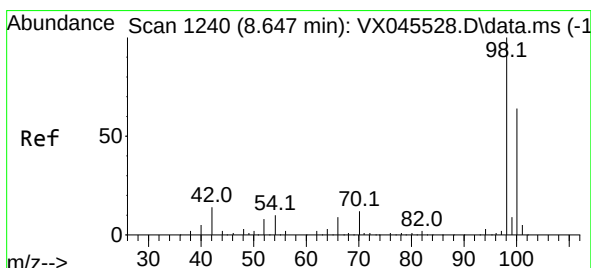
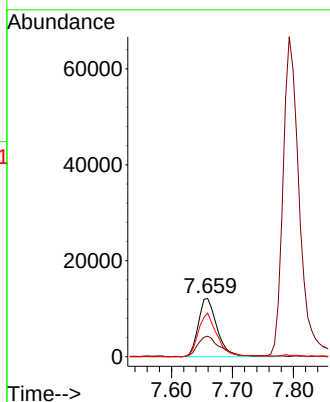
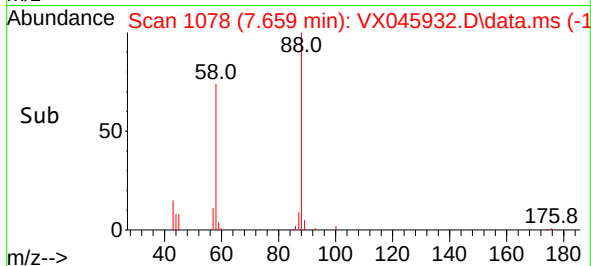
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



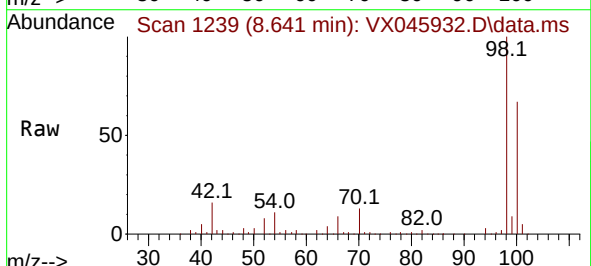
Tgt Ion: 88 Resp: 2612
Ion Ratio Lower Upper
88 100
43 42.3 32.2 48.4
58 74.2 58.6 88.0

Manual Integrations
APPROVED

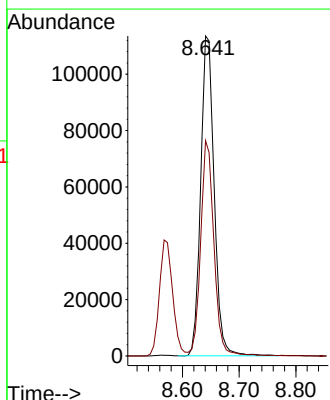
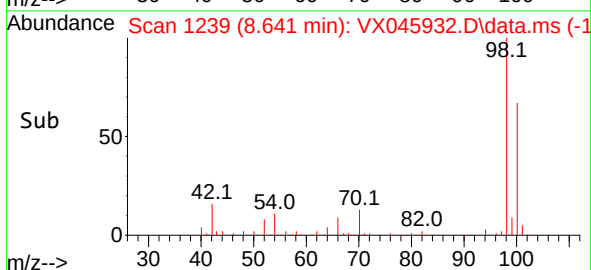
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

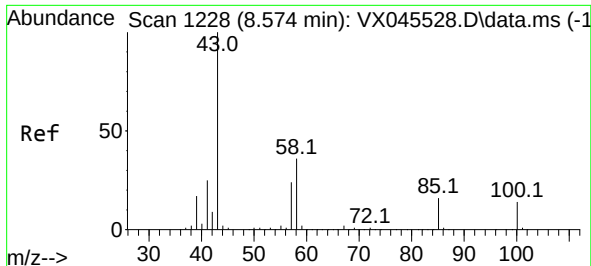


#50
Toluene-d8
Concen: 51.669 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



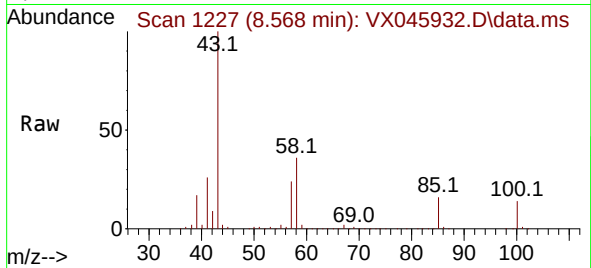
Tgt Ion: 98 Resp: 187345
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 280.120 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

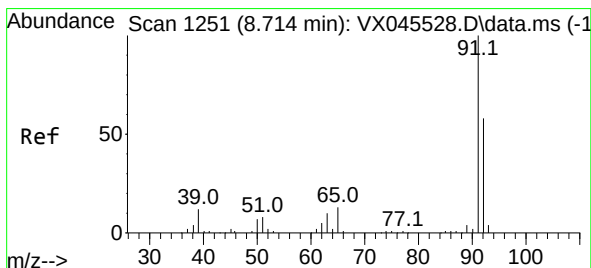
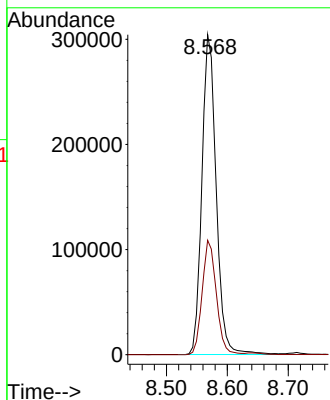
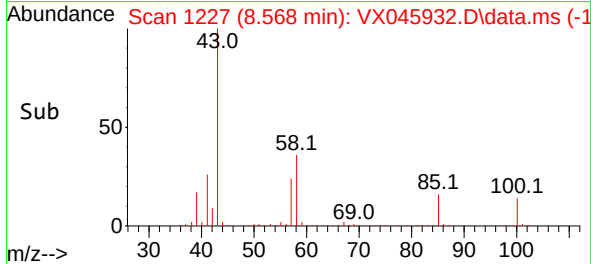
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 497484
Ion Ratio Lower Upper
43 100
58 35.3 28.5 42.7

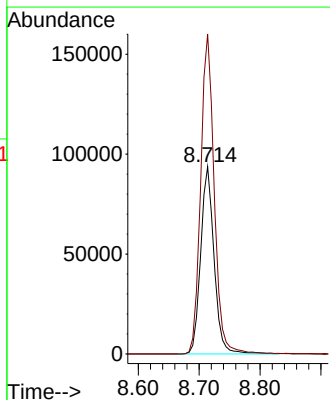
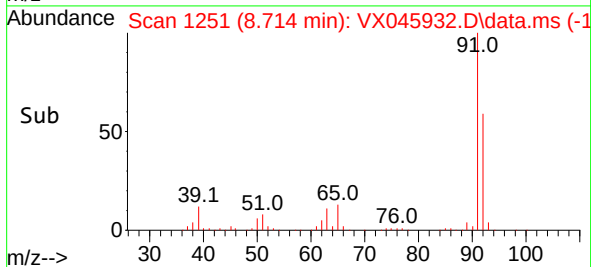
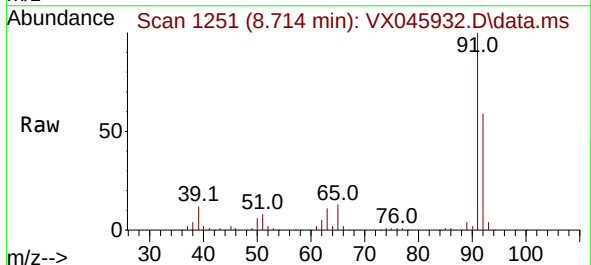
Manual Integrations
APPROVED

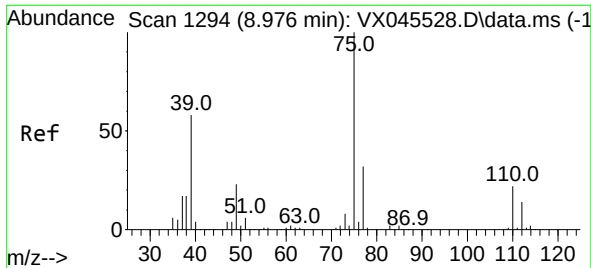
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#52
Toluene
Concen: 55.370 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion: 92 Resp: 143526
Ion Ratio Lower Upper
92 100
91 173.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 53.158 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 84000

Ion Ratio Lower Upper

75 100

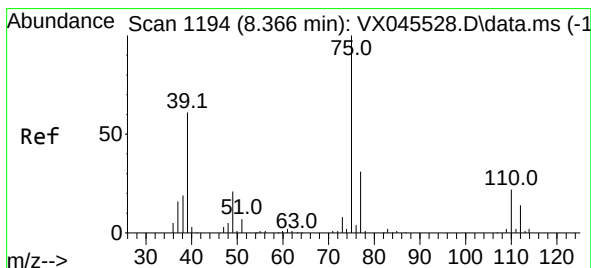
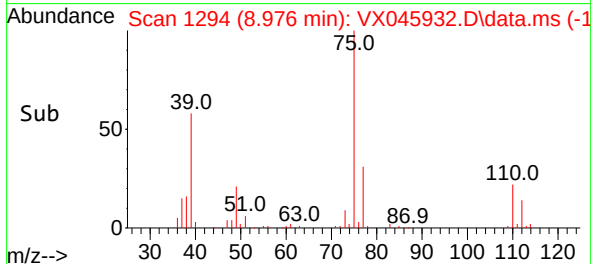
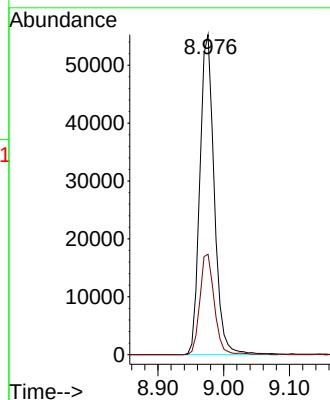
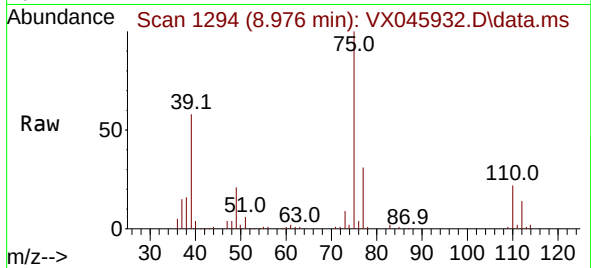
77 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#54

cis-1,3-Dichloropropene

Concen: 61.233 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

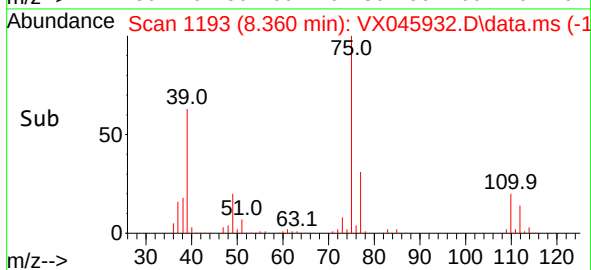
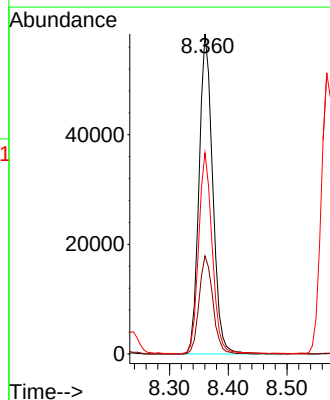
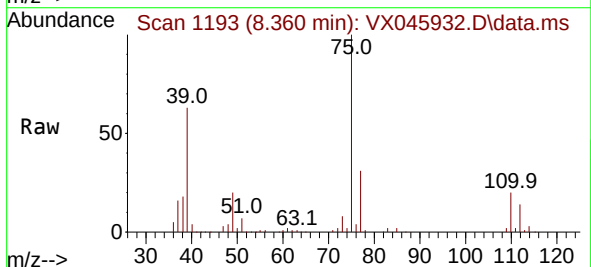
Tgt Ion: 75 Resp: 94286

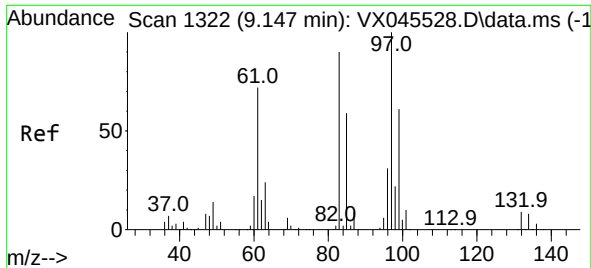
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

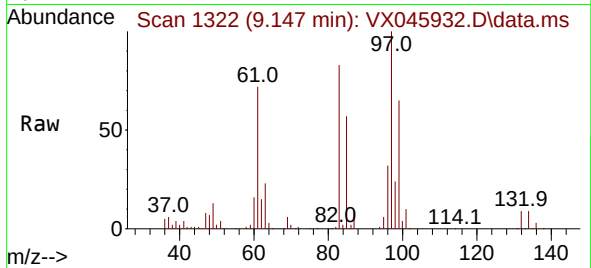
39 62.8 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 55.697 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

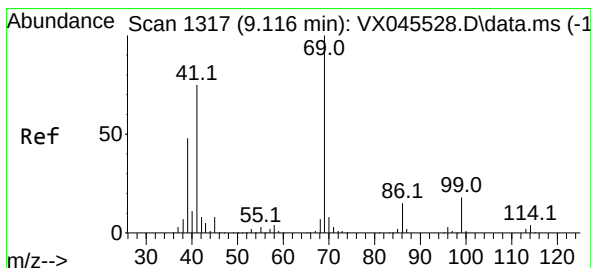
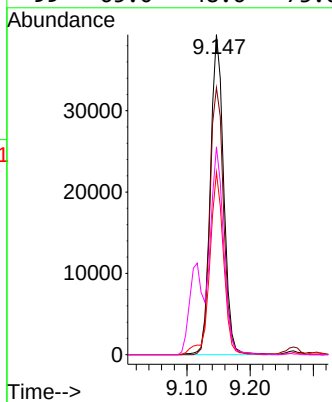
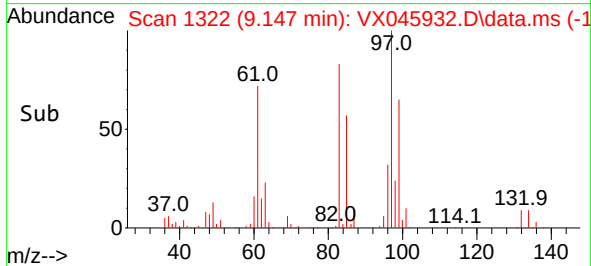
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



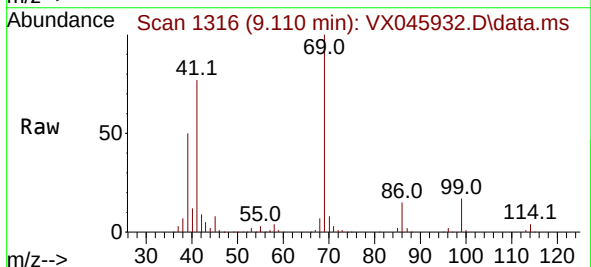
Tgt Ion: 97 Resp: 57530
Ion Ratio Lower Upper
97 100
83 83.4 71.8 107.8
85 57.0 47.0 70.6
99 65.0 48.6 73.0

Manual Integrations
APPROVED

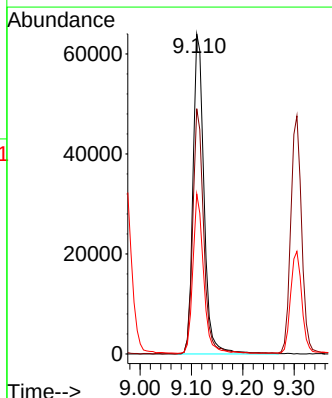
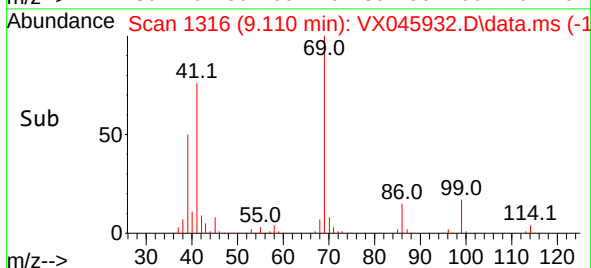
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

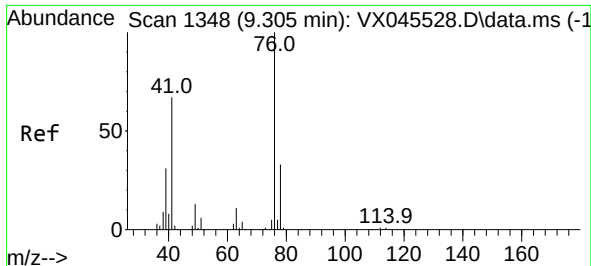


#56
Ethyl methacrylate
Concen: 60.070 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



Tgt Ion: 69 Resp: 96025
Ion Ratio Lower Upper
69 100
41 75.8 61.3 91.9
39 47.6 40.2 60.2





#57

1,3-Dichloropropane

Concen: 55.669 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX045932.D

Acq: 25 Apr 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10013

Ion Ratio Lower Upper

76 100

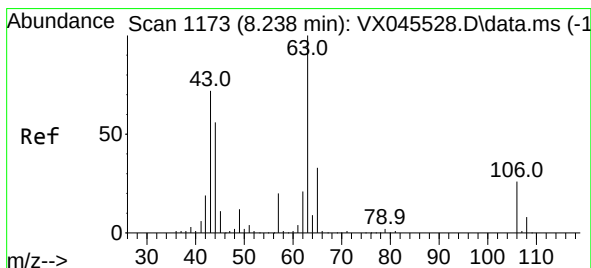
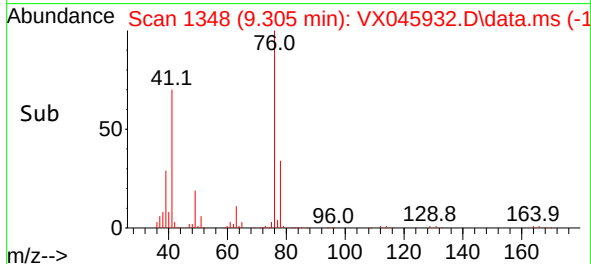
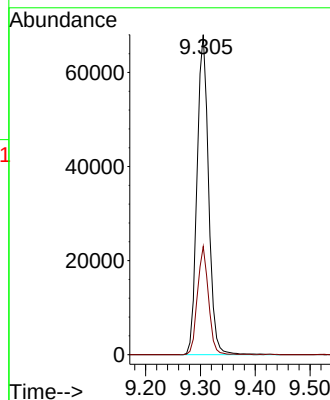
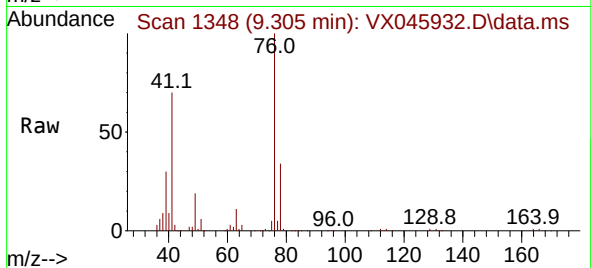
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 282.573 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045932.D

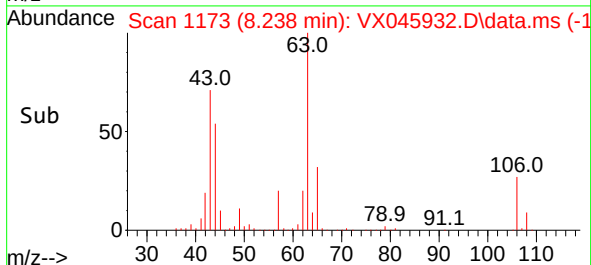
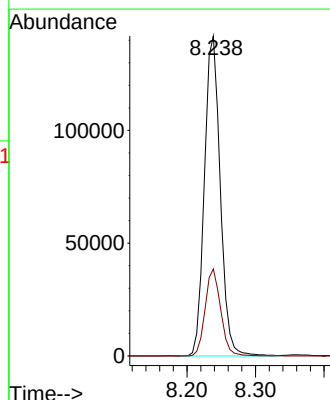
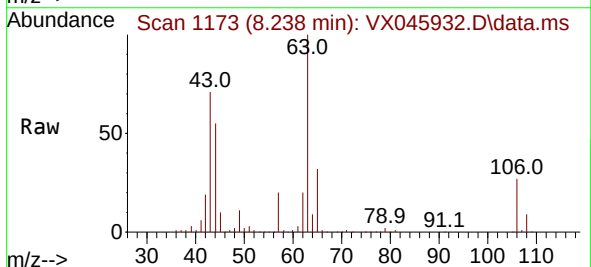
Acq: 25 Apr 2025 09:42

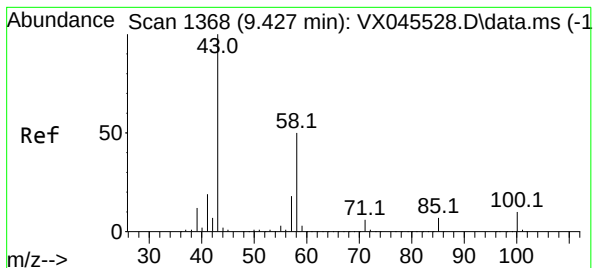
Tgt Ion: 63 Resp: 228507

Ion Ratio Lower Upper

63 100

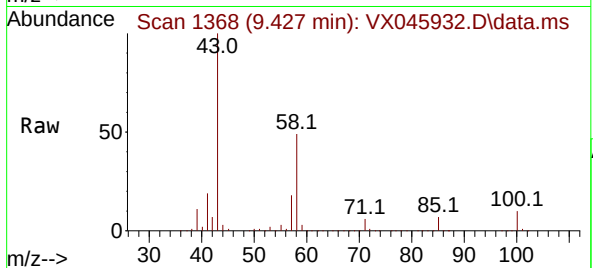
106 26.6 21.0 31.6





#59
2-Hexanone
Concen: 279.374 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

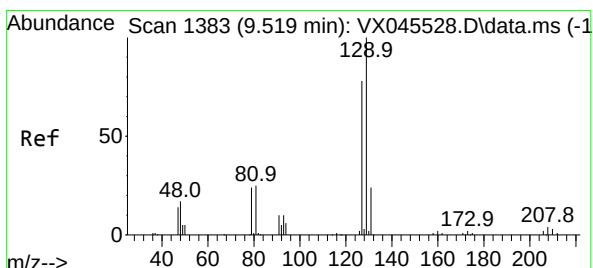
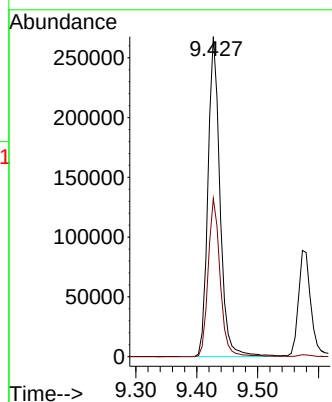
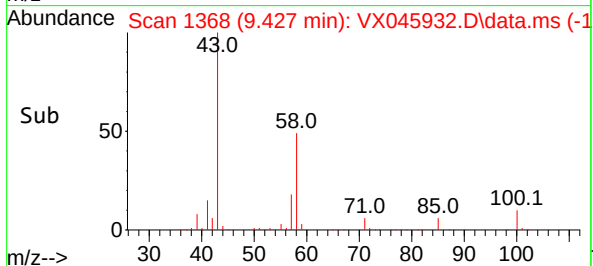
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 367419
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

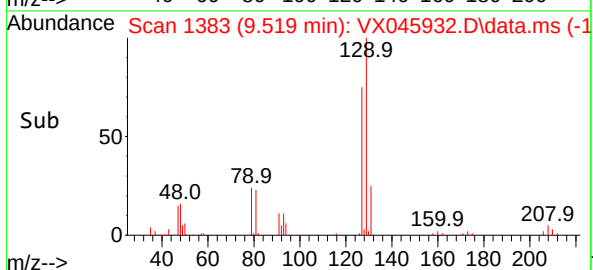
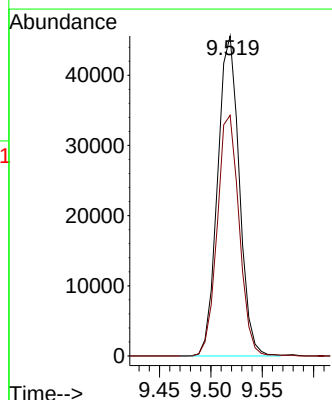
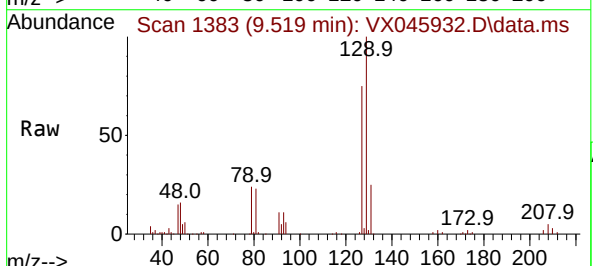
Manual Integrations
APPROVED

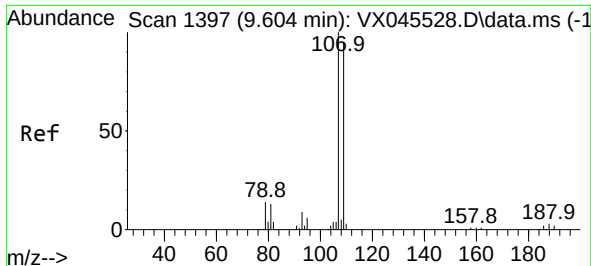
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#60
Dibromochloromethane
Concen: 59.291 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

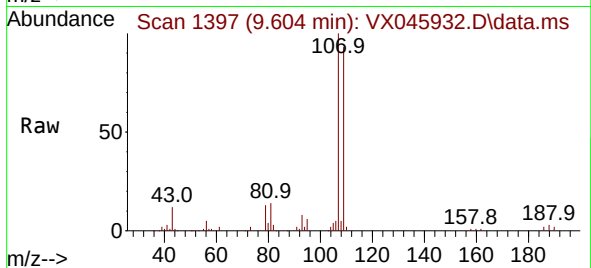
Tgt Ion:129 Resp: 66766
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.2





#61
1,2-Dibromoethane
Concen: 56.856 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

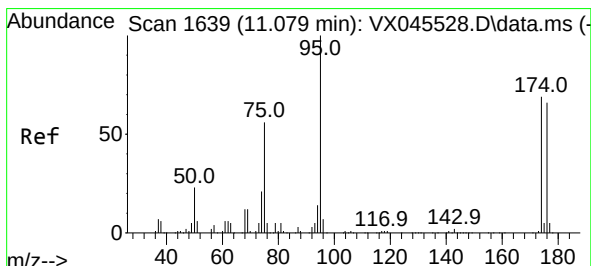
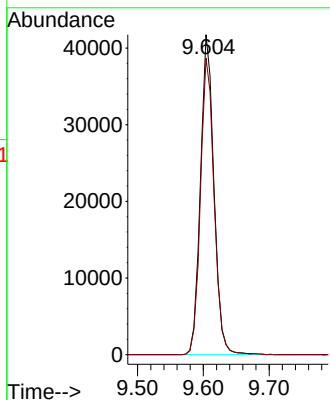
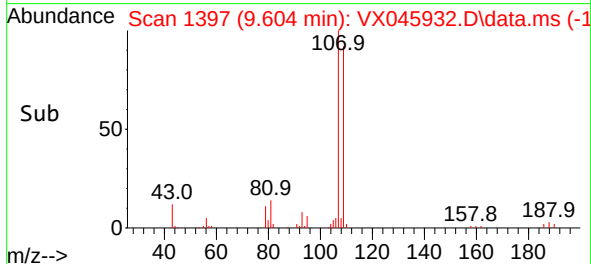
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



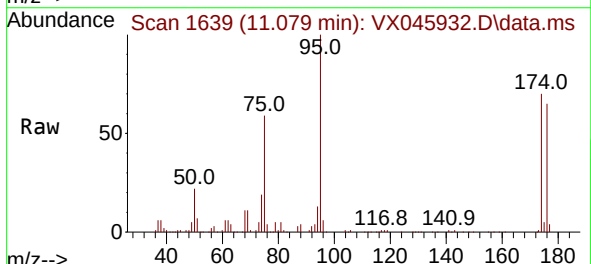
Tgt Ion:107 Resp: 59450
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

Manual Integrations
APPROVED

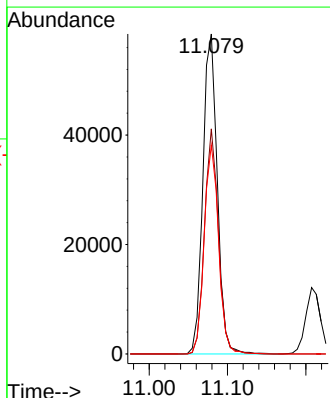
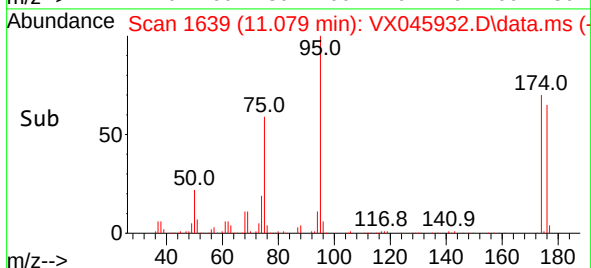
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

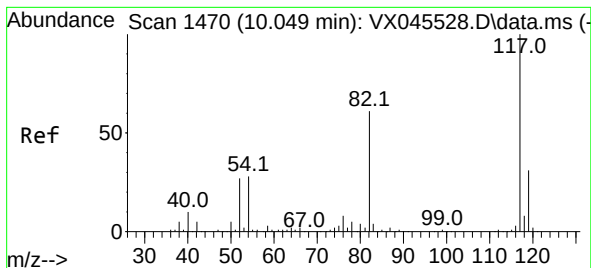


#62
4-Bromofluorobenzene
Concen: 56.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



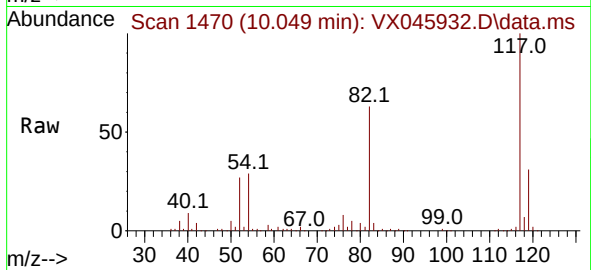
Tgt Ion: 95 Resp: 74472
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 65.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

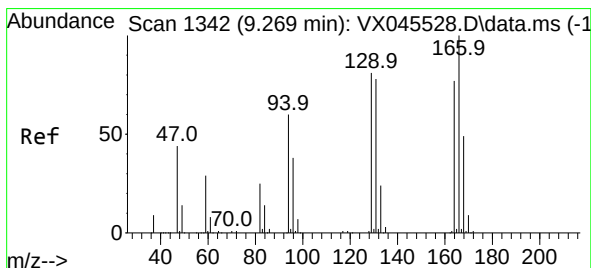
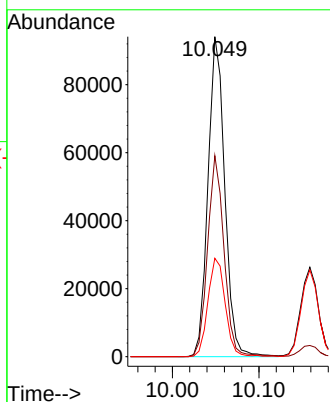
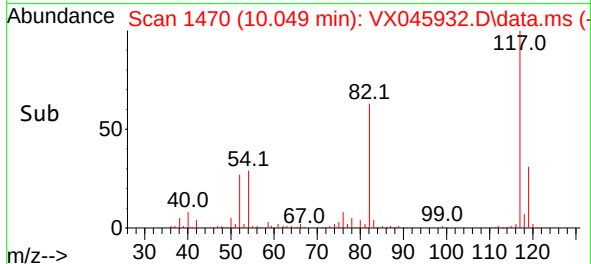
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 126658
Ion Ratio Lower Upper
117 100
82 62.8 49.2 73.8
119 30.8 25.1 37.7

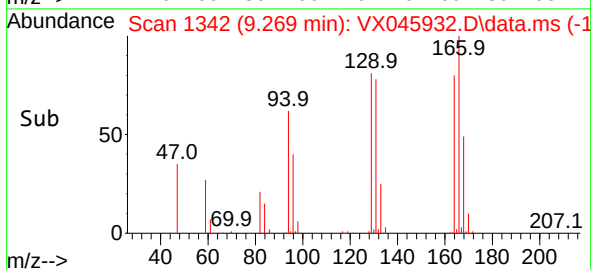
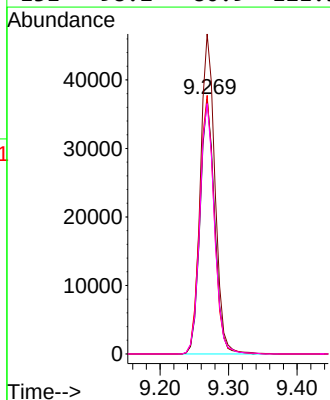
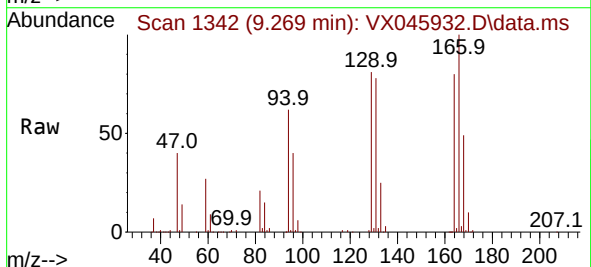
Manual Integrations
APPROVED

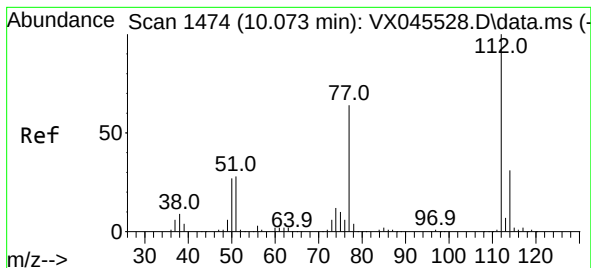
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#64
Tetrachloroethene
Concen: 61.227 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

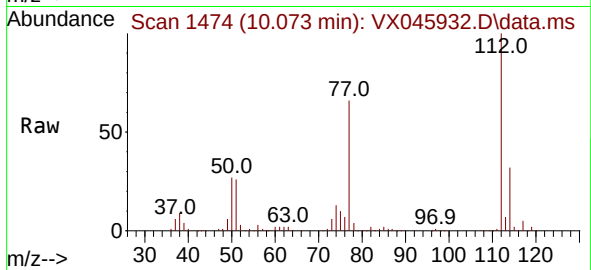
Tgt Ion:164 Resp: 54752
Ion Ratio Lower Upper
164 100
166 125.5 103.8 155.8
129 101.4 84.3 126.5
131 98.2 80.9 121.3





#65
Chlorobenzene
Concen: 57.052 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

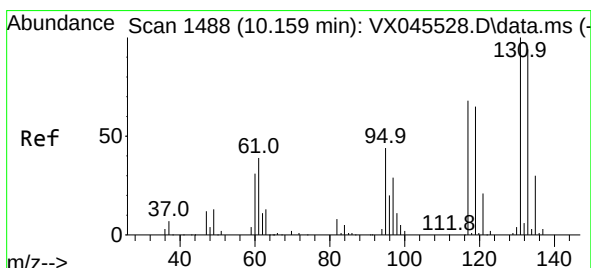
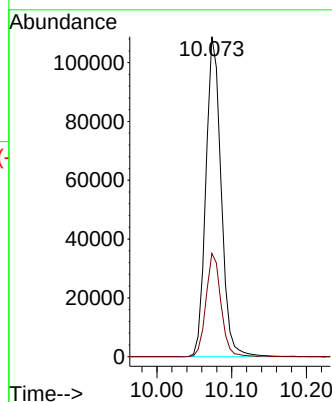
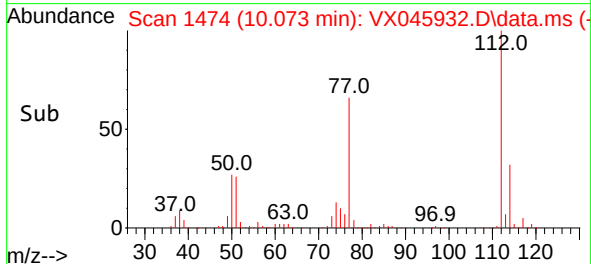
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



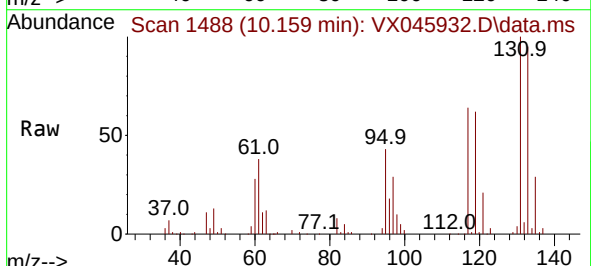
Tgt Ion:112 Resp: 154410
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1

Manual Integrations
APPROVED

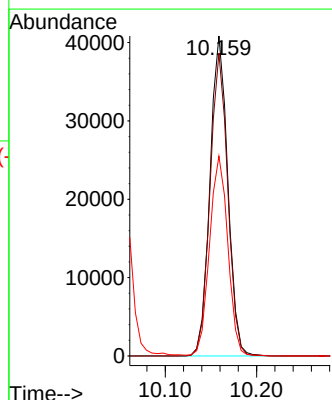
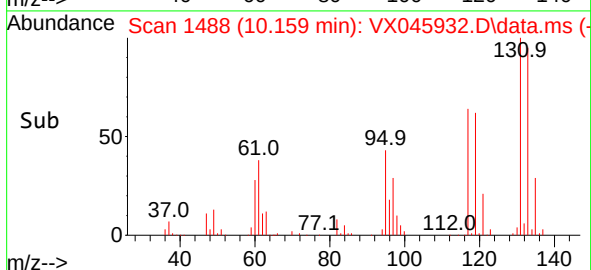
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

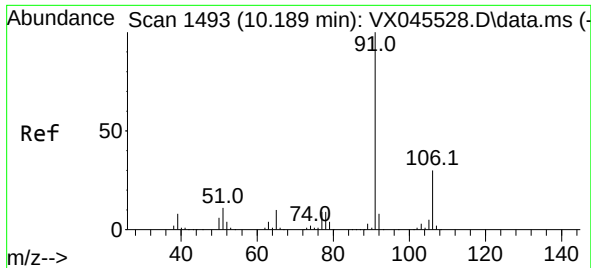


#66
1,1,1,2-Tetrachloroethane
Concen: 58.631 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



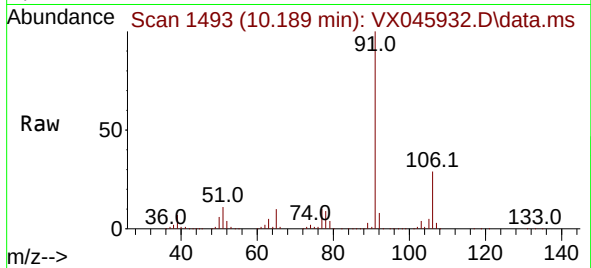
Tgt Ion:131 Resp: 55092
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 64.1 32.9 98.6





#67
Ethyl Benzene
Concen: 58.727 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

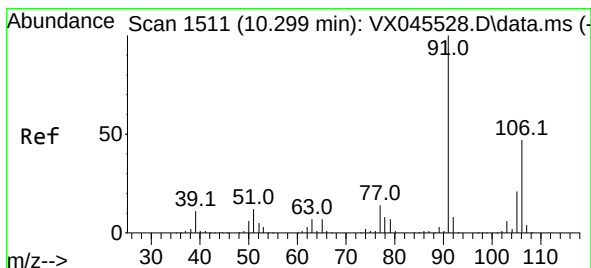
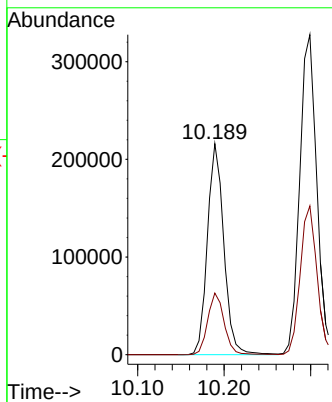
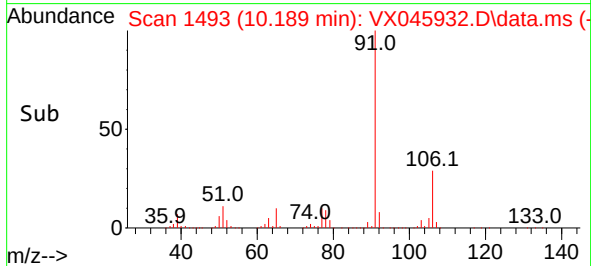
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 284668
Ion Ratio Lower Upper
91 100
106 29.2 23.7 35.5

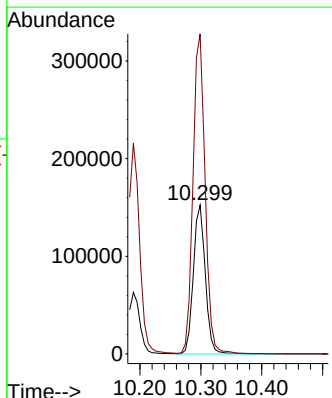
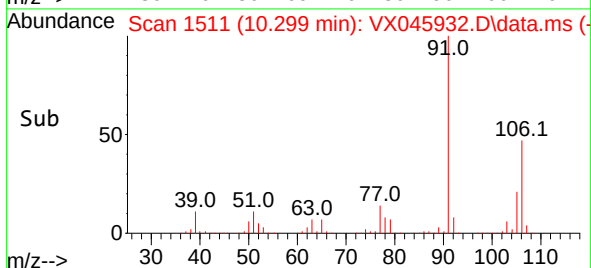
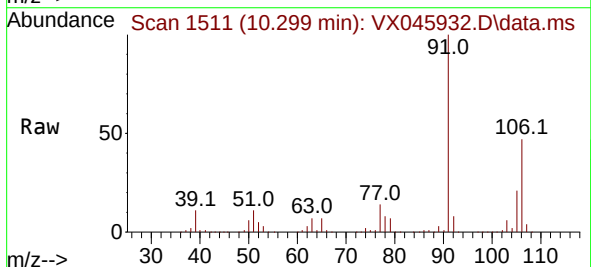
Manual Integrations
APPROVED

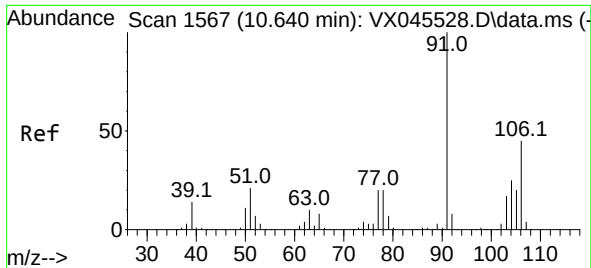
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#68
m/p-Xylenes
Concen: 117.913 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Tgt Ion:106 Resp: 207881
Ion Ratio Lower Upper
106 100
91 217.4 172.6 258.8





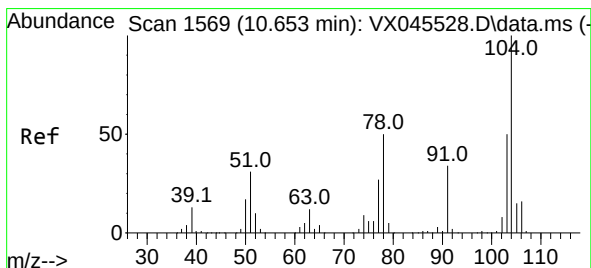
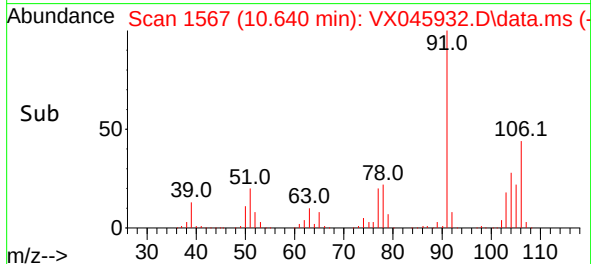
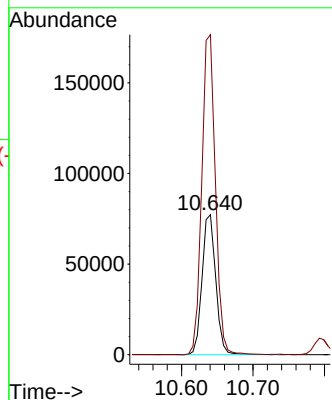
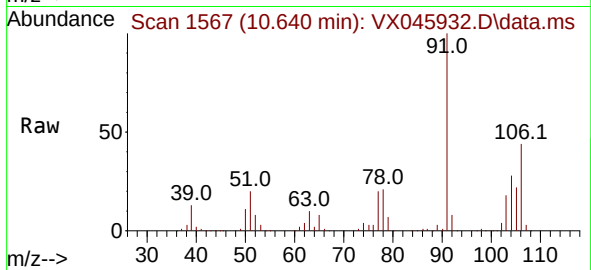
#69
o-Xylene
Concen: 59.055 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 102561
Ion Ratio Lower Upper
106 100
91 227.9 113.6 340.6

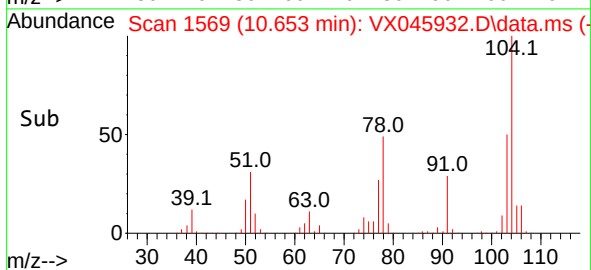
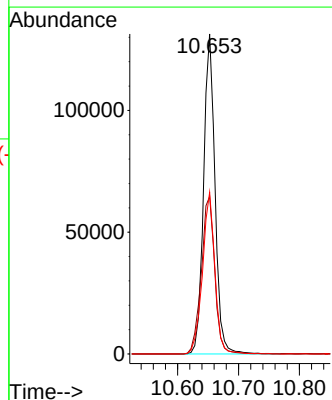
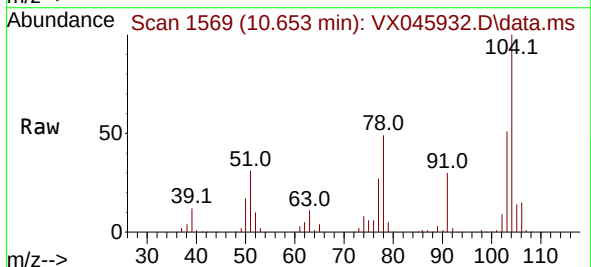
Manual Integrations
APPROVED

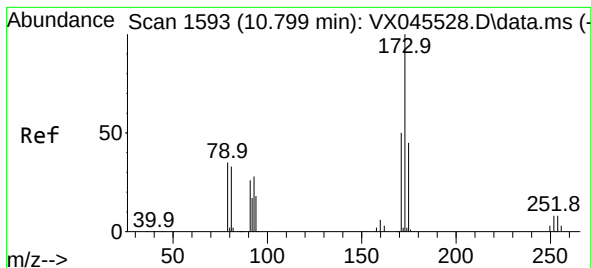
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#70
Styrene
Concen: 60.030 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

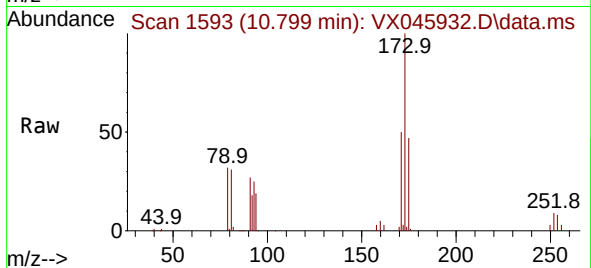
Tgt Ion:104 Resp: 172075
Ion Ratio Lower Upper
104 100
78 57.8 45.4 68.2
103 54.9 43.8 65.8





#71
Bromoform
Concen: 59.679 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

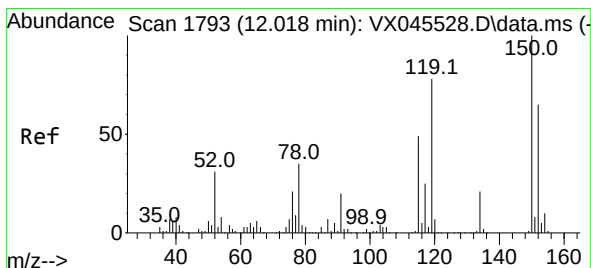
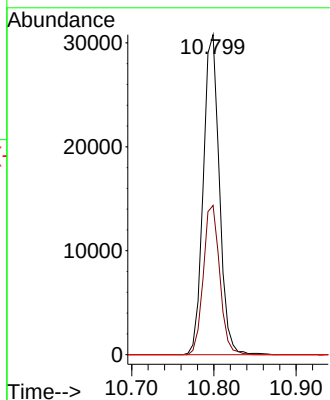
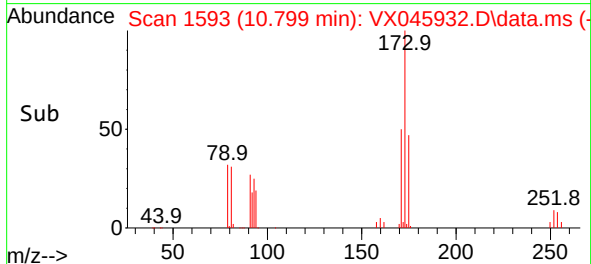
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4187
Ion Ratio Lower Upper
173 100
175 47.6 23.4 70.2
254 0.0 0.0 0.0

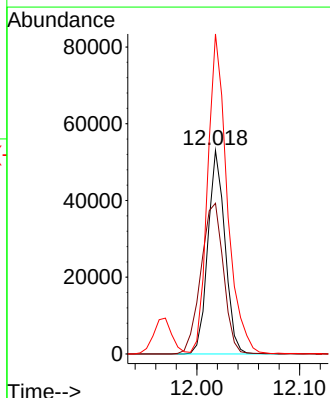
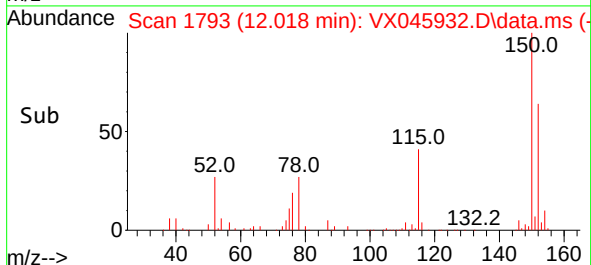
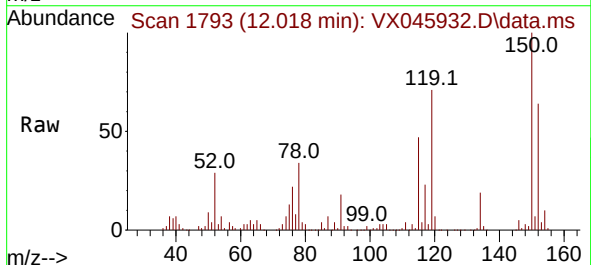
Manual Integrations
APPROVED

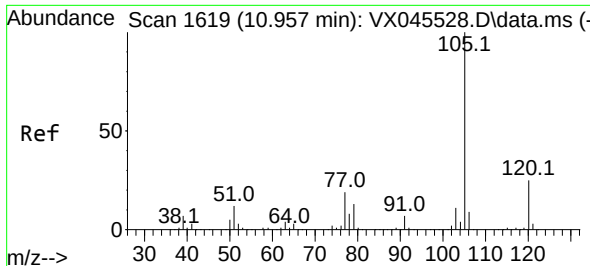
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

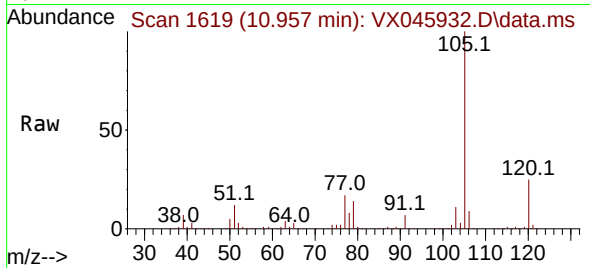
Tgt Ion:152 Resp: 61250
Ion Ratio Lower Upper
152 100
115 97.9 46.9 140.7
150 179.3 0.0 349.4





#73
Isopropylbenzene
Concen: 56.209 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

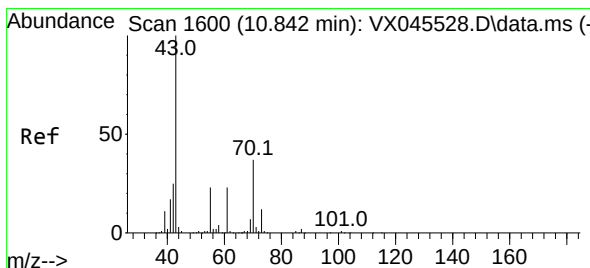
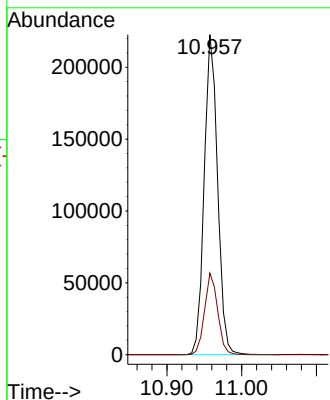
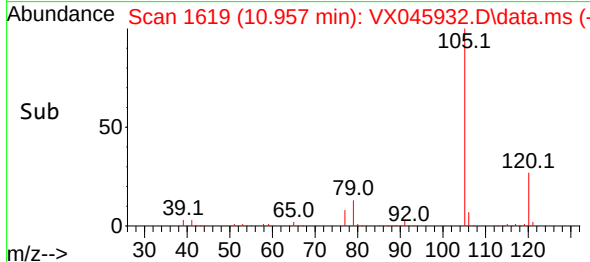
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



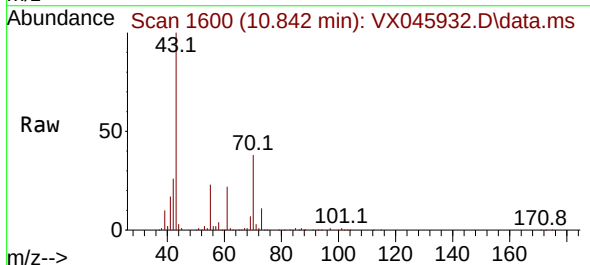
Tgt Ion:105 Resp: 275770
Ion Ratio Lower Upper
105 100
120 25.0 12.7 38.0

Manual Integrations
APPROVED

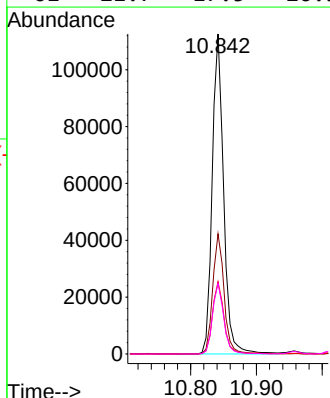
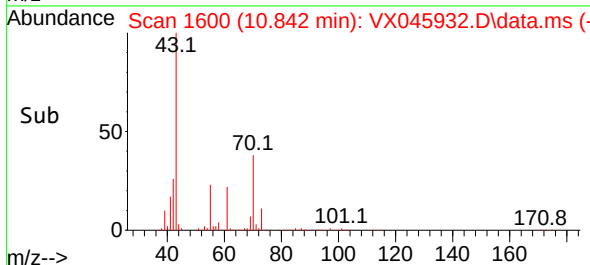
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

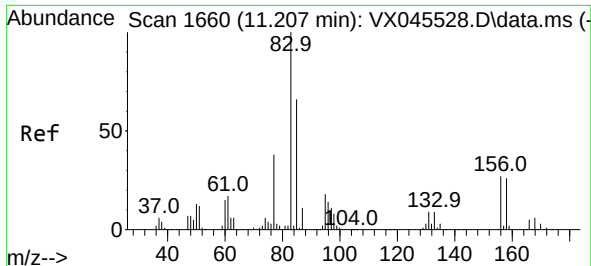


#74
N-ethyl acetate
Concen: 57.905 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



Tgt Ion: 43 Resp: 135895
Ion Ratio Lower Upper
43 100
70 37.5 30.1 45.1
55 22.9 18.3 27.5
61 21.7 17.5 26.3





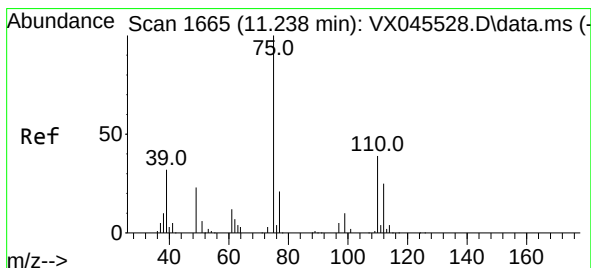
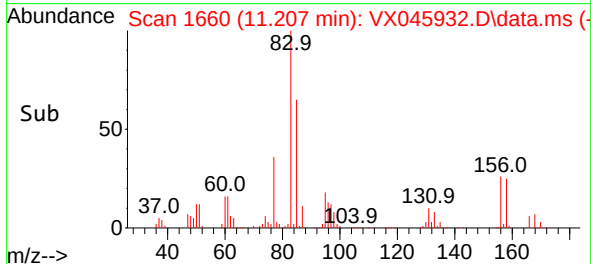
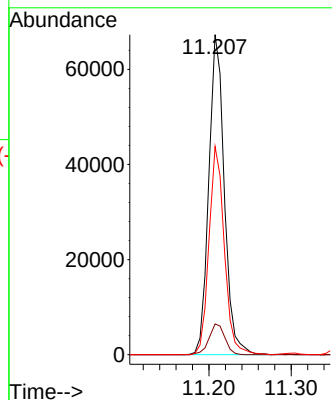
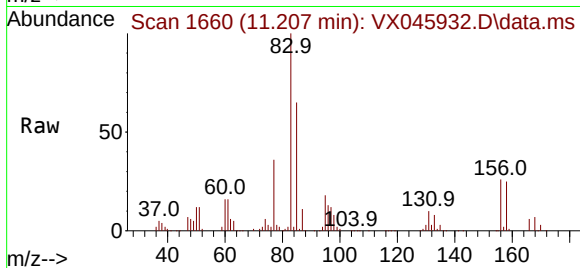
#75
1,1,2,2-Tetrachloroethane
Concen: 51.241 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8831
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.2 32.4 97.2

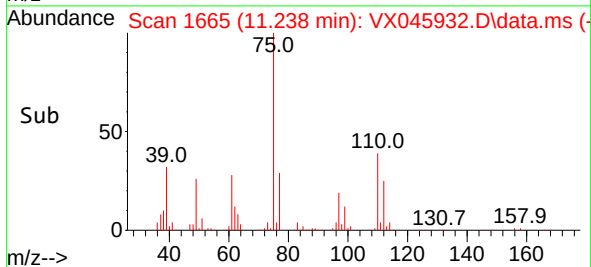
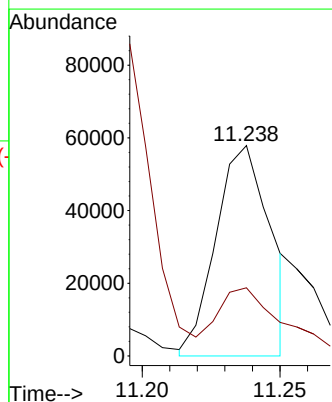
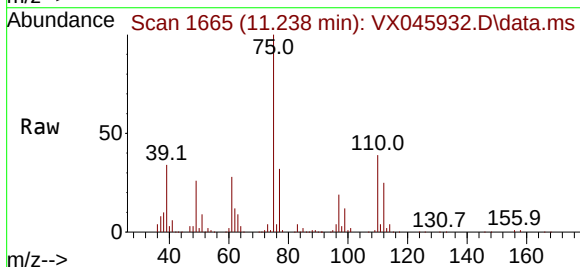
Manual Integrations
APPROVED

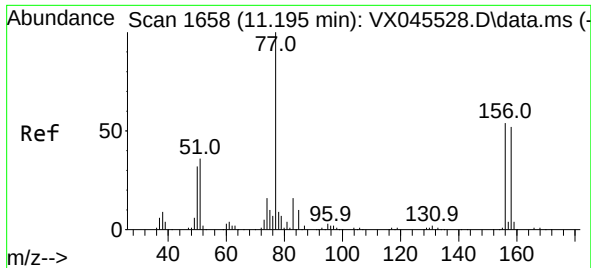
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#76
1,2,3-Trichloropropane
Concen: 52.990 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

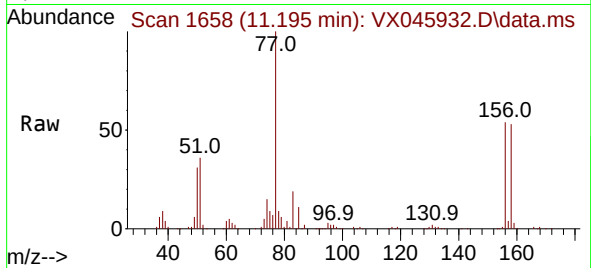
Tgt Ion: 75 Resp: 79169
Ion Ratio Lower Upper
75 100
77 39.8 20.0 59.9





#77
Bromobenzene
Concen: 54.166 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

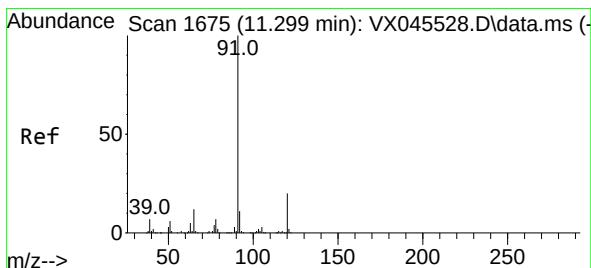
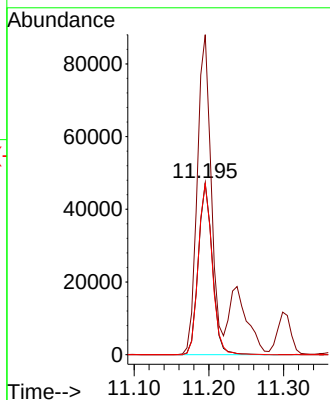
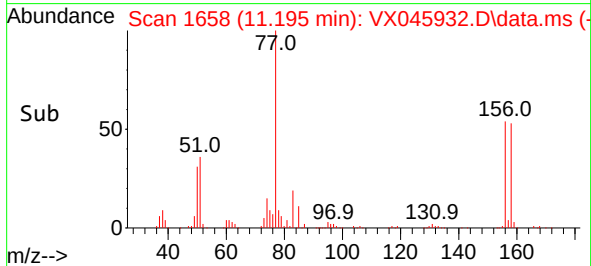
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 61402
Ion Ratio Lower Upper
156 100
77 186.3 92.6 277.8
158 99.5 48.1 144.4

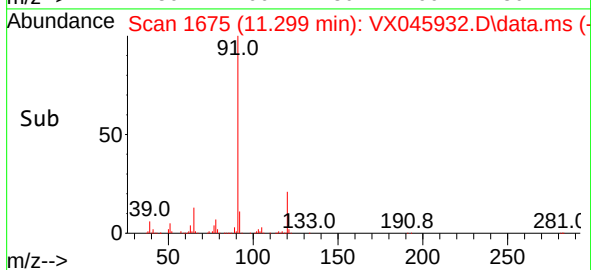
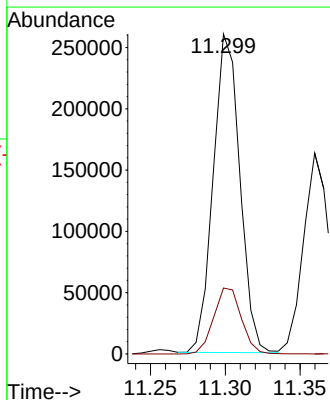
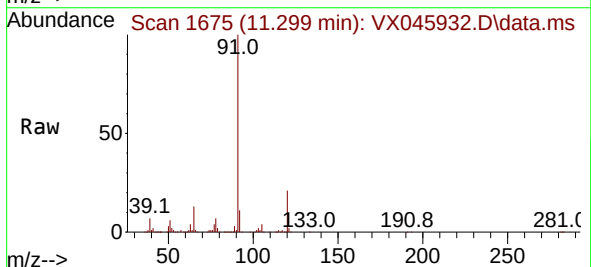
Manual Integrations
APPROVED

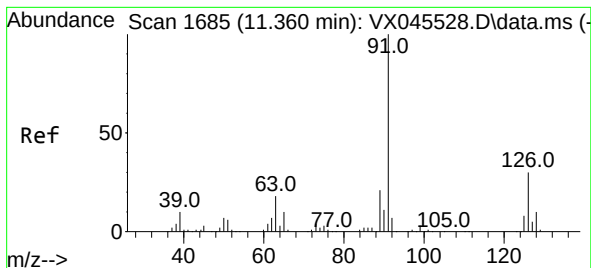
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#78
n-propylbenzene
Concen: 56.979 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

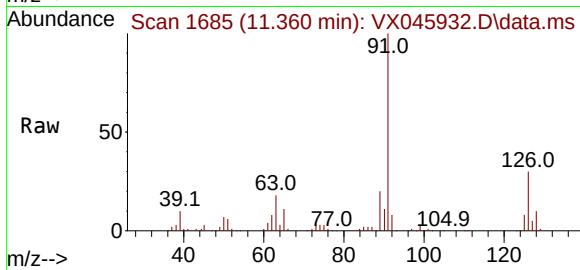
Tgt Ion: 91 Resp: 321995
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





#79
2-Chlorotoluene
Concen: 54.429 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

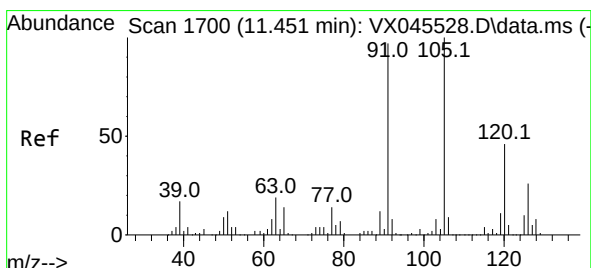
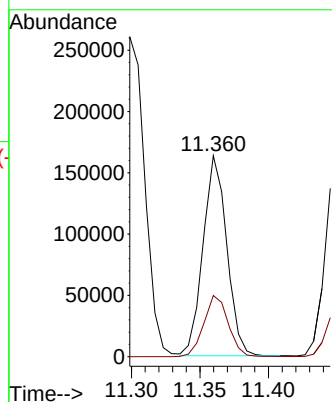
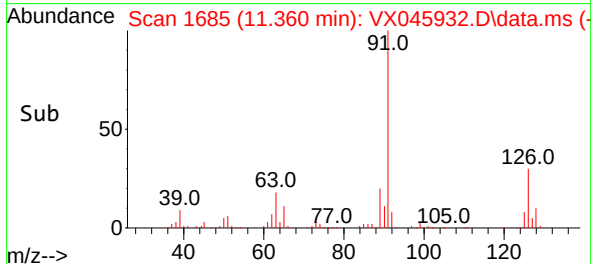
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



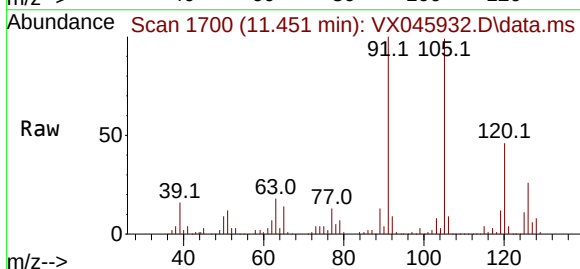
Tgt Ion: 91 Resp: 196630
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4

Manual Integrations
APPROVED

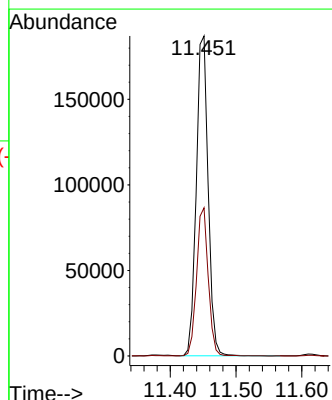
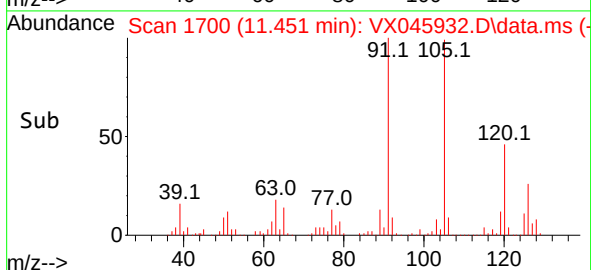
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

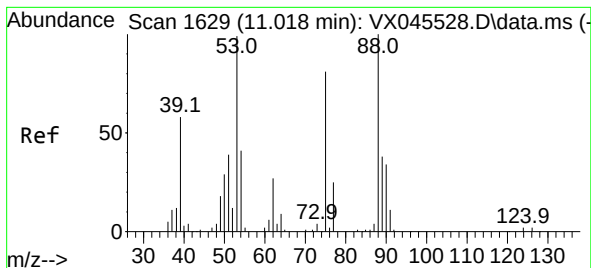


#80
1,3,5-Trimethylbenzene
Concen: 57.659 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



Tgt Ion:105 Resp: 233922
Ion Ratio Lower Upper
105 100
120 45.4 23.0 69.0





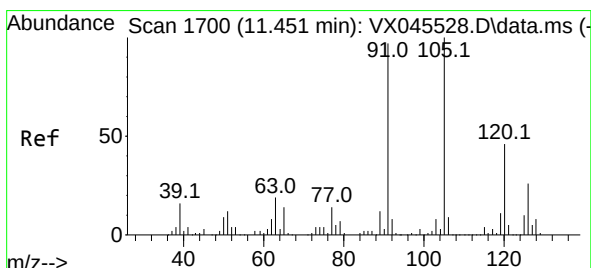
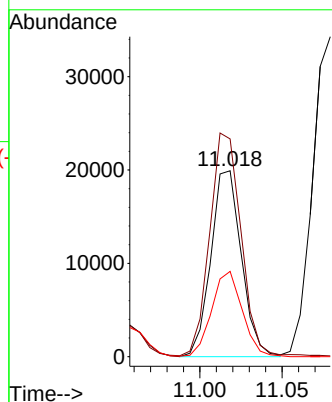
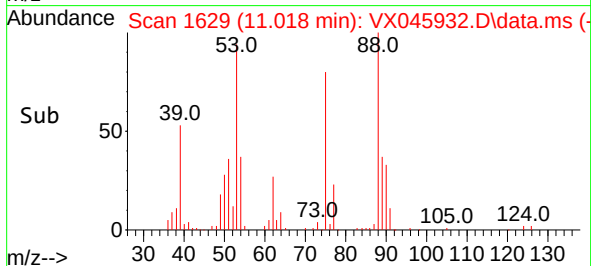
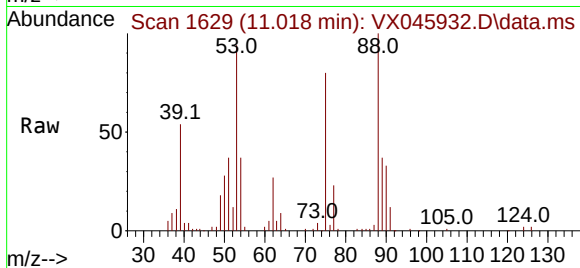
#81
trans-1,4-Dichloro-2-butene
Concen: 58.547 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2577
Ion Ratio Lower Upper
75 100
53 124.3 101.8 152.6
89 45.9 37.2 55.8

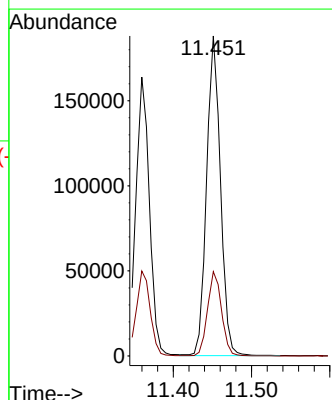
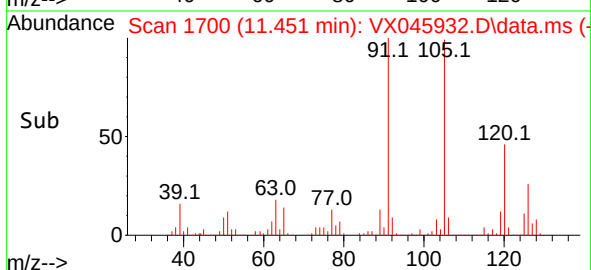
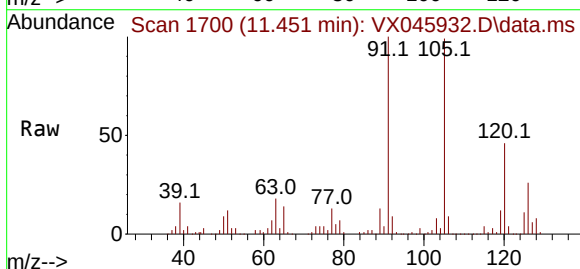
Manual Integrations
APPROVED

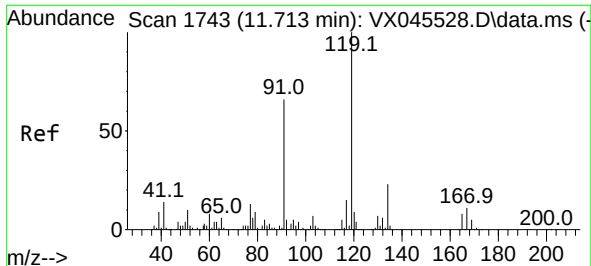
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#82
4-Chlorotoluene
Concen: 57.104 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

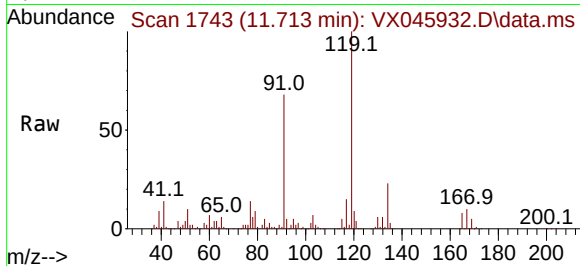
Tgt Ion: 91 Resp: 230014
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.9





#83
 tert-Butylbenzene
 Concen: 56.625 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX045932.D
 Acq: 25 Apr 2025 09:42

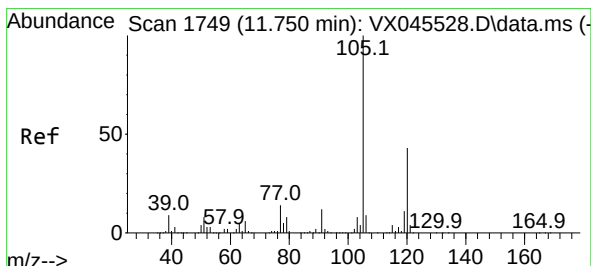
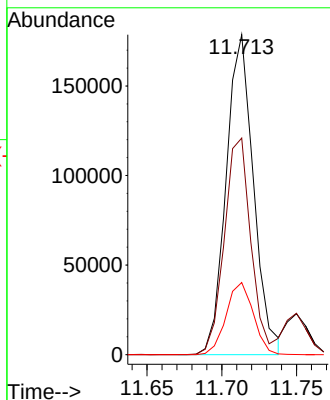
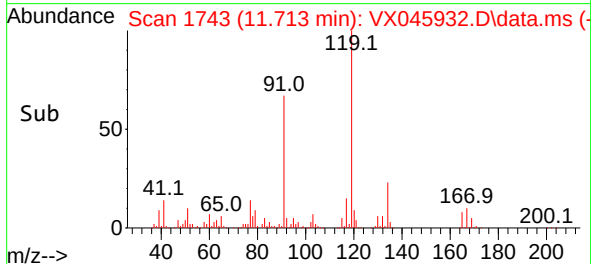
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:119 Resp: 22743
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.4 97.2
 134 22.4 11.5 34.5

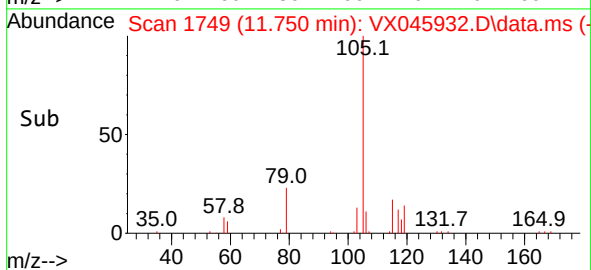
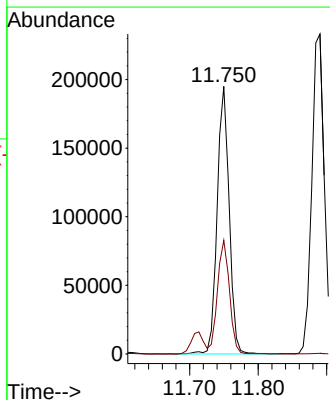
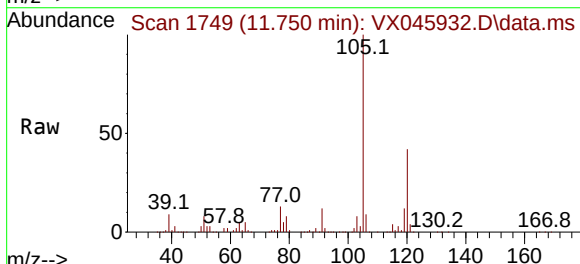
Manual Integrations
 APPROVED

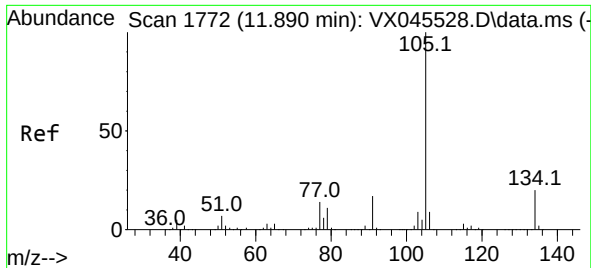
Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 57.985 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX045932.D
 Acq: 25 Apr 2025 09:42

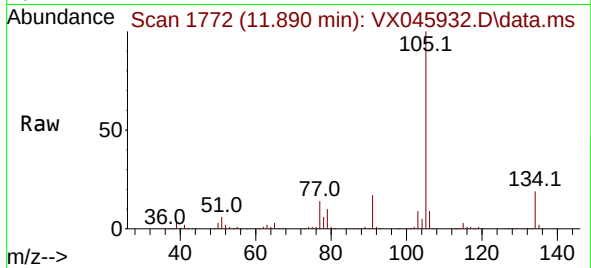
Tgt Ion:105 Resp: 236113
 Ion Ratio Lower Upper
 105 100
 120 42.5 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 59.663 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045932.D
 Acq: 25 Apr 2025 09:42

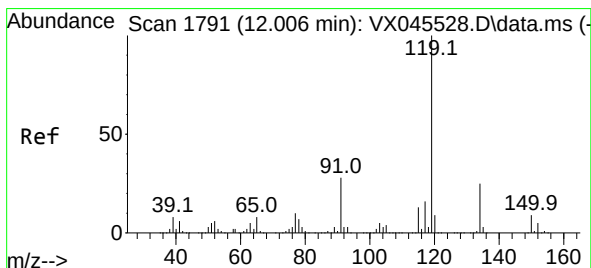
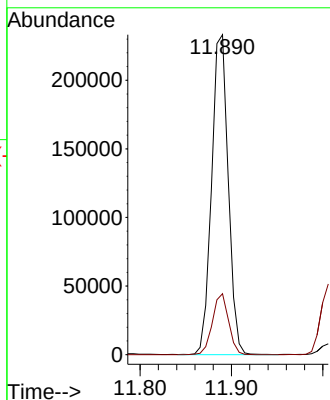
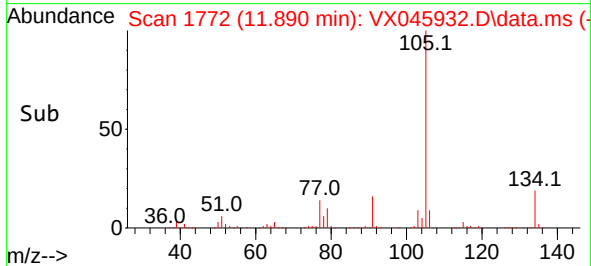
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



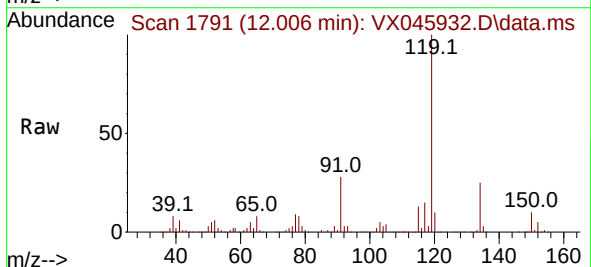
Tgt Ion:105 Resp: 294334
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.6

Manual Integrations
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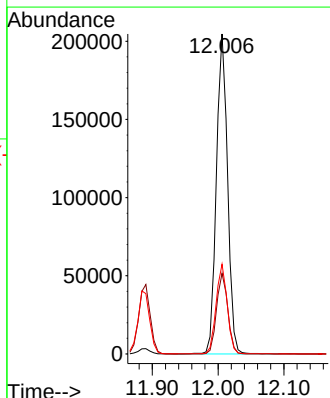
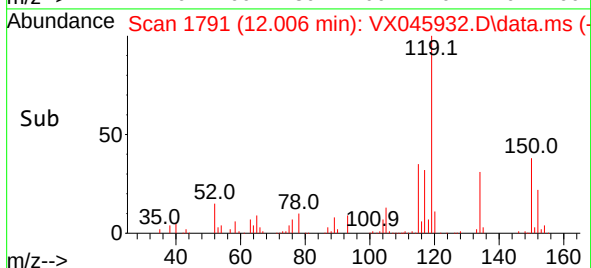
Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025

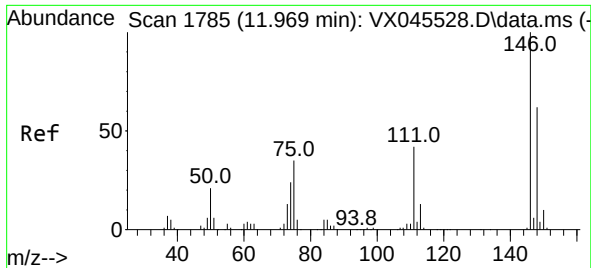


#86
 p-Isopropyltoluene
 Concen: 59.536 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045932.D
 Acq: 25 Apr 2025 09:42



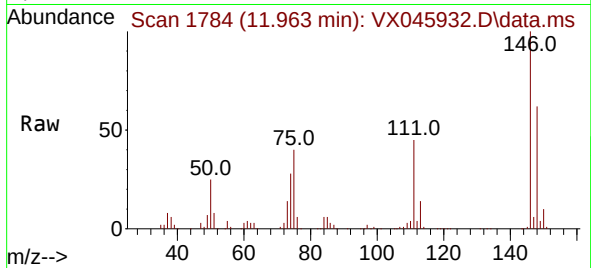
Tgt Ion:119 Resp: 242143
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.8 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 56.315 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

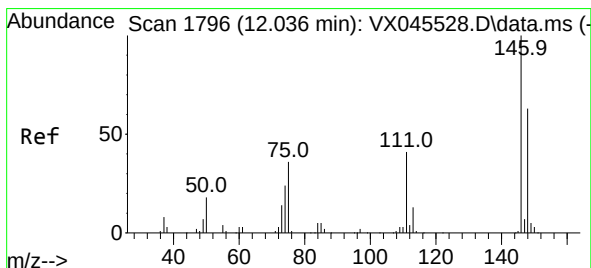
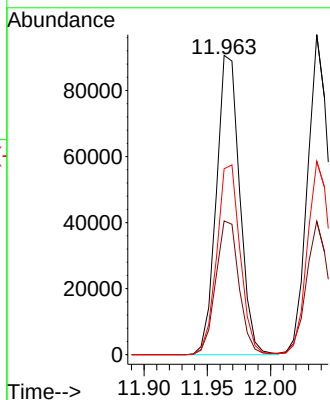
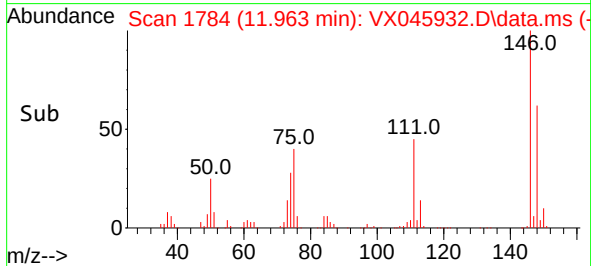
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



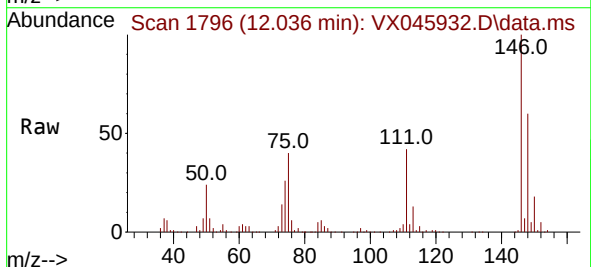
Tgt Ion:146 Resp: 116209
Ion Ratio Lower Upper
146 100
111 44.7 22.2 66.6
148 63.5 31.9 95.7

Manual Integrations
APPROVED

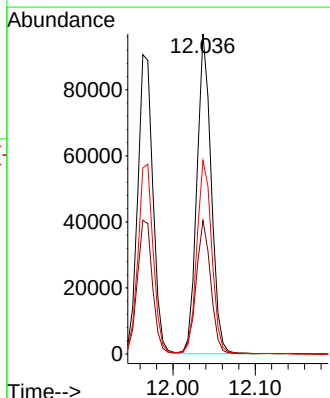
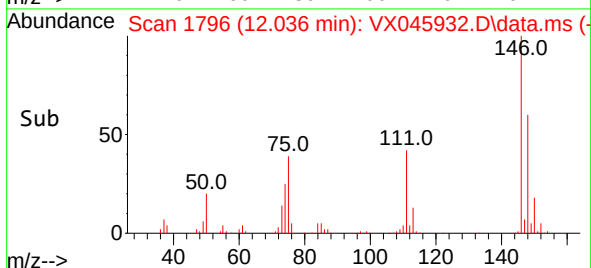
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

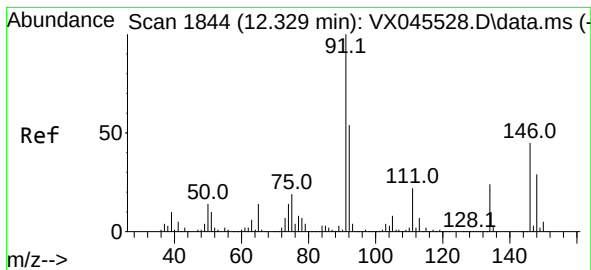


#88
1,4-Dichlorobenzene
Concen: 55.865 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



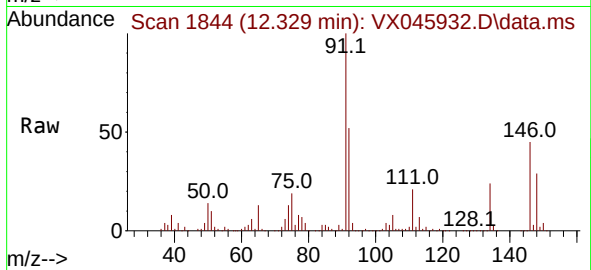
Tgt Ion:146 Resp: 116867
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 62.8 31.5 94.5





#89
n-Butylbenzene
Concen: 62.615 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

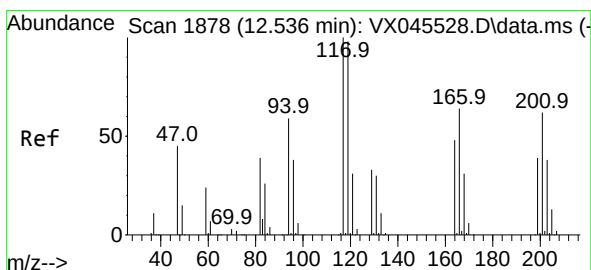
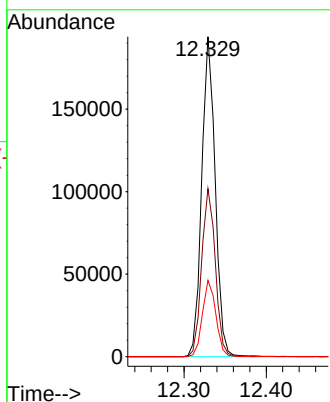
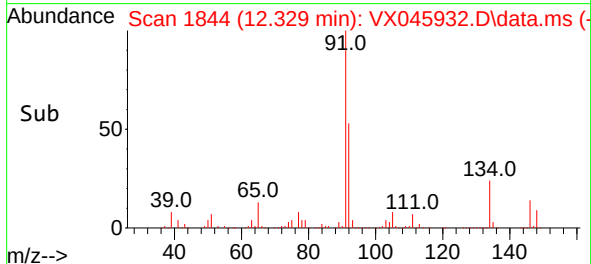
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 22083
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 23.8 11.9 35.7

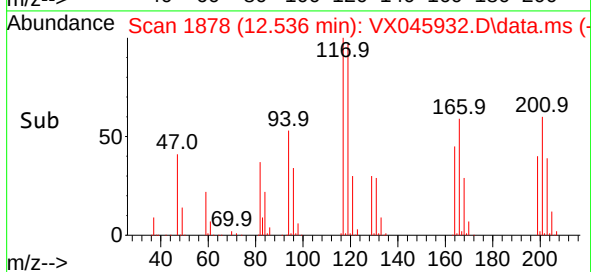
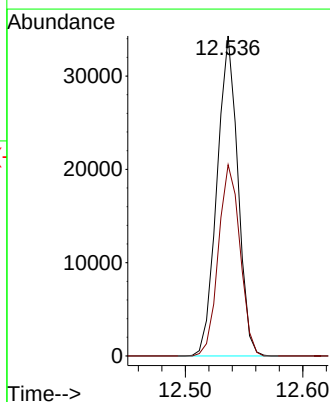
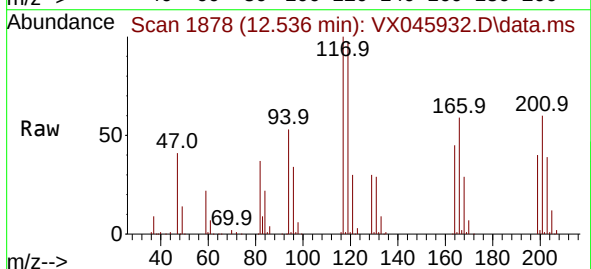
Manual Integrations
APPROVED

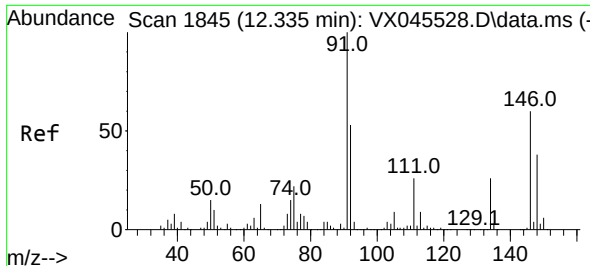
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#90
Hexachloroethane
Concen: 60.497 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

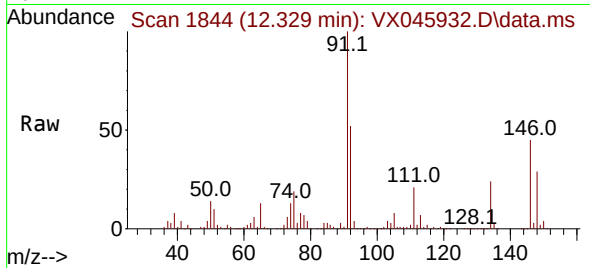
Tgt Ion:117 Resp: 42286
Ion Ratio Lower Upper
117 100
201 62.0 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 56.073 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

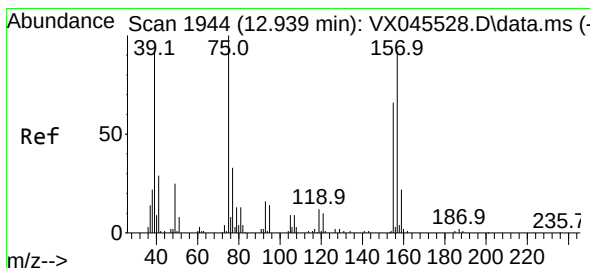
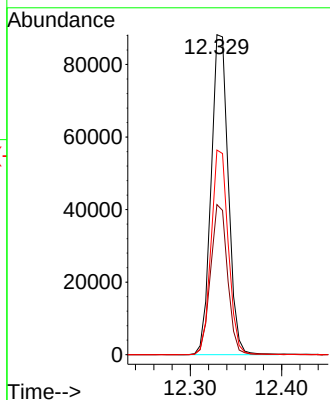
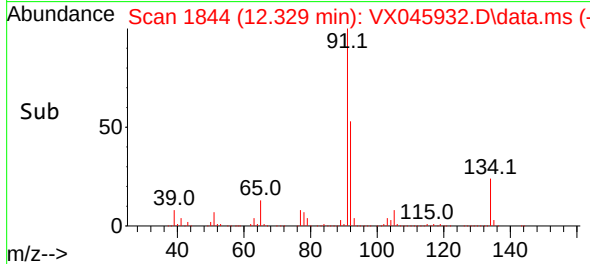
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



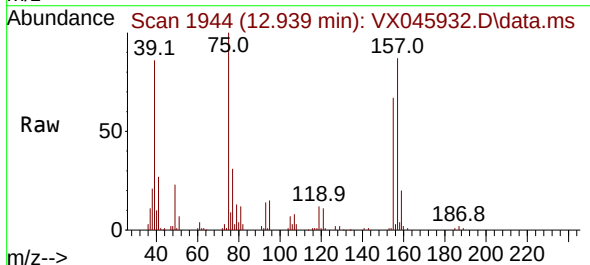
Tgt Ion:146 Resp: 115030
Ion Ratio Lower Upper
146 100
111 46.4 22.9 68.8
148 63.9 31.9 95.5

Manual Integrations
APPROVED

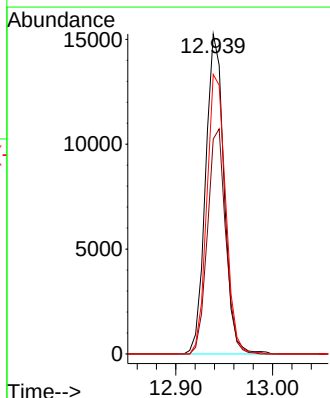
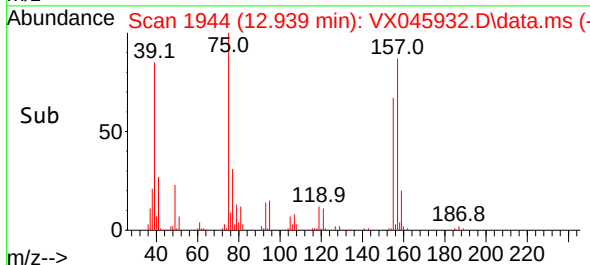
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

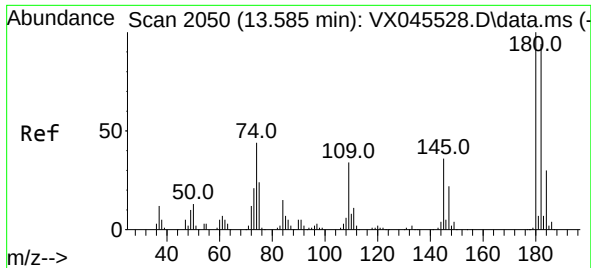


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.214 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



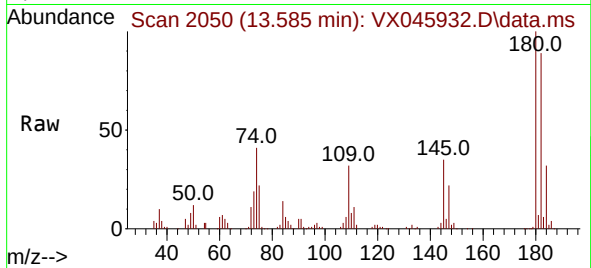
Tgt Ion: 75 Resp: 20262
Ion Ratio Lower Upper
75 100
155 69.5 34.9 104.7
157 88.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 58.949 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

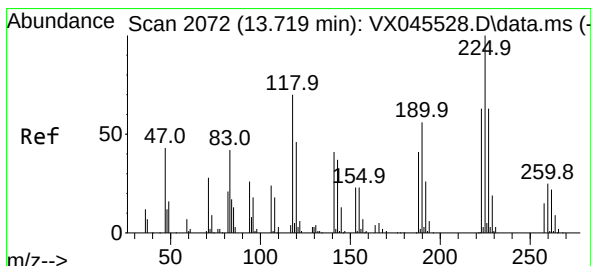
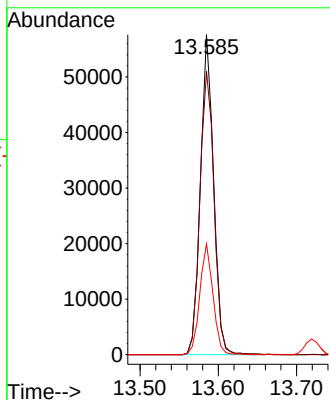
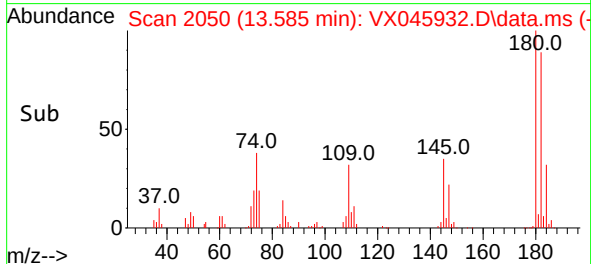
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



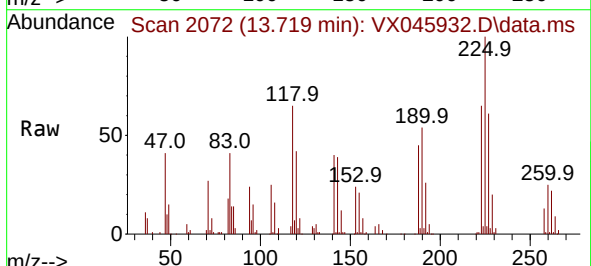
Tgt Ion:180 Resp: 6731
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 34.7 17.9 53.8

Manual Integrations
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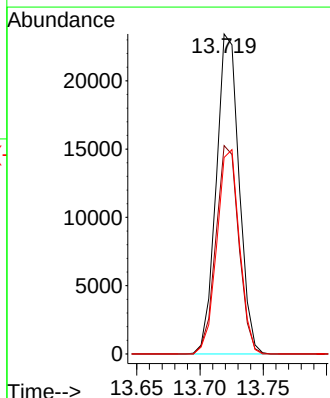
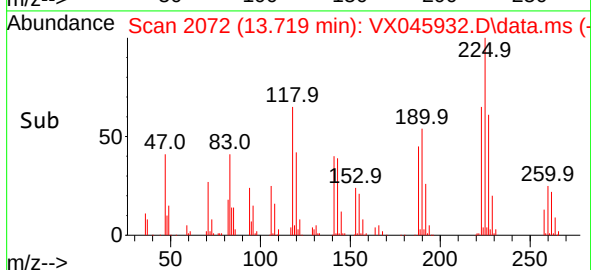
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

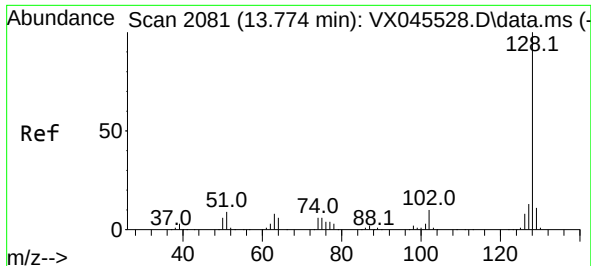


#94
Hexachlorobutadiene
Concen: 59.608 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



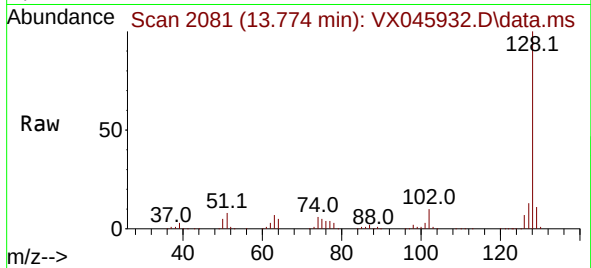
Tgt Ion:225 Resp: 29332
Ion Ratio Lower Upper
225 100
223 65.2 31.1 93.3
227 63.1 32.2 96.6





#95
Naphthalene
Concen: 56.388 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42

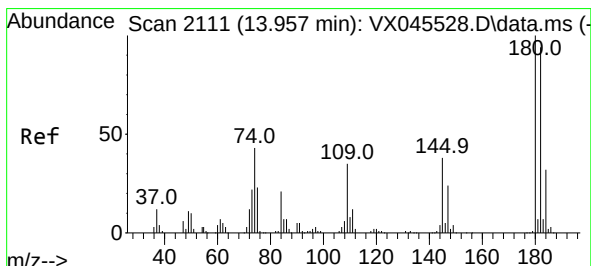
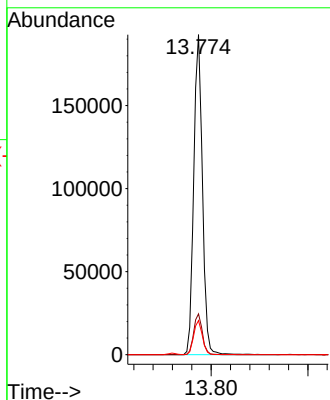
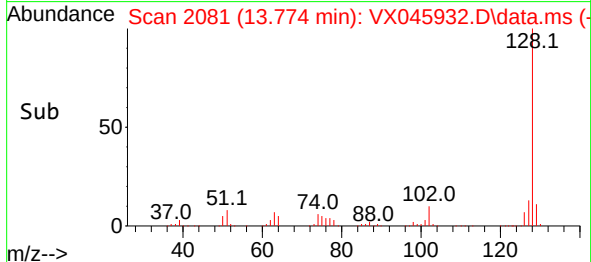
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



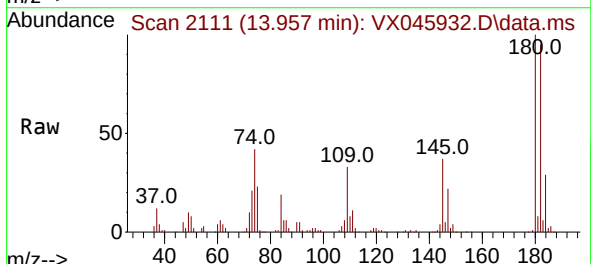
Tgt Ion:128 Resp: 239620
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 57.678 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045932.D
Acq: 25 Apr 2025 09:42



Tgt Ion:180 Resp: 68969
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.8
145 36.9 18.2 54.6

