

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044661.D
 Acq On : 16 Jan 2025 09:25
 Operator :
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Jan 17 01:01:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 00:59:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

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

Internal Standards						
1) Bromochloromethane	4.891	128	31946	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	176401	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	156058	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	92806	30.092	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.300%			
60) 4-Bromofluorobenzene	11.079	95	91788	30.281	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.933%			
63) Toluene-d8	8.647	98	253105	29.819	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	136053	53.031	ug/l	99
3) Chloromethane	1.294	50	147748	49.450	ug/l	98
4) Vinyl Chloride	1.374	62	141110	48.270	ug/l	98
5) Bromomethane	1.593	94	32943	46.667	ug/l	100
6) Chloroethane	1.660	64	23580	49.950	ug/l	98
7) Trichlorofluoromethane	1.867	101	151253	47.245	ug/l	100
8) Diethyl Ether	2.136	74	59325	48.034	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106998	46.650	ug/l	99
10) 1,1-Dichloroethene	2.306	96	112301	47.590	ug/l	94
11) Methyl Iodide	2.441	142	163230	49.919	ug/l	98
12) Methyl Acetate	2.703	43	170946	49.623	ug/l	100
13) Acrolein	2.233	56	86575	227.272	ug/l	99
14) Acrylonitrile	3.062	53	309583	246.621	ug/l	100
15) Acetone	2.386	58	81812	242.884	ug/l	94
16) Carbon Disulfide	2.501	76	320132	48.818	ug/l	100
17) Allyl chloride	2.654	41	209402	49.209	ug/l	99
18) Methylene Chloride	2.782	84	129192	48.907	ug/l	99
19) trans-1,2-Dichloroethene	3.081	96	114074	48.618	ug/l	98
20) Diisopropyl ether	3.757	45	379943	49.191	ug/l	97
21) 1,1-Dichloroethane	3.605	63	225092	49.127	ug/l	97
22) cis-1,2-Dichloroethene	4.477	96	141413	48.695	ug/l	98
23) tert-Butyl Alcohol	2.977	59	144322m	265.008	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	396412	48.485	ug/l	99
25) Chloroform	5.086	83	222532	48.880	ug/l	96
26) Cyclohexane	5.458	56	180292	46.819	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	148511	48.402	ug/l	99
30) 2-Butanone	4.556	43	419491	248.886	ug/l	99
31) 2,2-Dichloropropane	4.465	77	203849	48.011	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	195383	48.051	ug/l	99
33) Carbon Tetrachloride	5.672	117	164089	47.839	ug/l	98
34) Benzene	6.031	78	480821	49.118	ug/l	99
35) Methacrylonitrile	4.916	41	93262	49.509	ug/l	98
36) 1,2-Dichloroethane	6.080	62	170346	48.671	ug/l	99
37) Trichloroethene	7.116	130	115805	48.998	ug/l	95
38) Methylcyclohexane	7.373	83	196645	47.170	ug/l	99
39) 1,2-Dichloropropane	7.427	63	121901	49.937	ug/l	97
40) Dibromomethane	7.574	93	88733	48.894	ug/l	99
41) Bromodichloromethane	7.818	83	184753	49.303	ug/l	99
42) Vinyl Acetate	3.715	43	1646712	246.012	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	162349	49.103	ug/l	# 94
44) Isopropyl Acetate	6.336	43	293976	49.493	ug/l	98
45) 1,4-Dioxane	7.671	88	56732	1003.041	ug/l	98
46) Methyl methacrylate	7.690	41	145468	50.033	ug/l	99
47) n-amyl Acetate	10.841	43	248981	49.948	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	198307	50.138	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	211446	49.856	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	117115	50.024	ug/l	97
51) Ethyl methacrylate	9.116	69	206891	50.954	ug/l	99
52) 1,3-Dichloropropane	9.305	76	199192	49.275	ug/l	98
53) Dibromochloromethane	9.518	129	137982	49.404	ug/l	98
54) 1,2-Dibromoethane	9.604	107	122664	49.646	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	496129	252.154	ug/l	100
56) Bromoform	10.799	173	92355	49.868	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	804113	244.450	ug/l	99
59) 2-Hexanone	9.433	43	586563	243.566	ug/l	99
61) Tetrachloroethene	9.269	164	90750	48.479	ug/l	98
62) Toluene	8.714	91	503289	48.978	ug/l	98
64) Chlorobenzene	10.073	112	316113	49.533	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	112521	49.083	ug/l	99
66) Ethyl Benzene	10.189	91	552973	49.310	ug/l	99
67) m/p-Xylenes	10.299	106	405714	98.422	ug/l	99
68) o-Xylene	10.640	106	204604	49.454	ug/l	100
69) Styrene	10.652	104	335834	49.440	ug/l	100
70) Isopropylbenzene	10.957	105	505061	48.560	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	168965	48.244	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	145534m	49.476	ug/l	
73) Bromobenzene	11.195	156	119195	49.194	ug/l	99
74) n-propylbenzene	11.299	91	581862	49.219	ug/l	100
75) 2-Chlorotoluene	11.360	91	364136	49.004	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	416769	49.342	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	67311	48.369	ug/l	97
78) 4-Chlorotoluene	11.451	91	403646	49.323	ug/l	100
79) tert-butylbenzene	11.713	119	422625	48.705	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	416772	48.906	ug/l	99
81) sec-Butylbenzene	11.890	105	506286	48.863	ug/l	100
82) p-Isopropyltoluene	12.006	119	416615	48.855	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	213035	49.501	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	207367	49.151	ug/l	100
85) n-Butylbenzene	12.329	91	365981	49.510	ug/l	98
86) Hexachloroethane	12.536	117	89957	47.953	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	212294	49.399	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	39899	47.378	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	131622	49.284	ug/l	99
90) Hexachlorobutadiene	13.725	225	49464	47.882	ug/l	98
91) Naphthalene	13.774	128	495557	49.597	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	134623	49.560	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

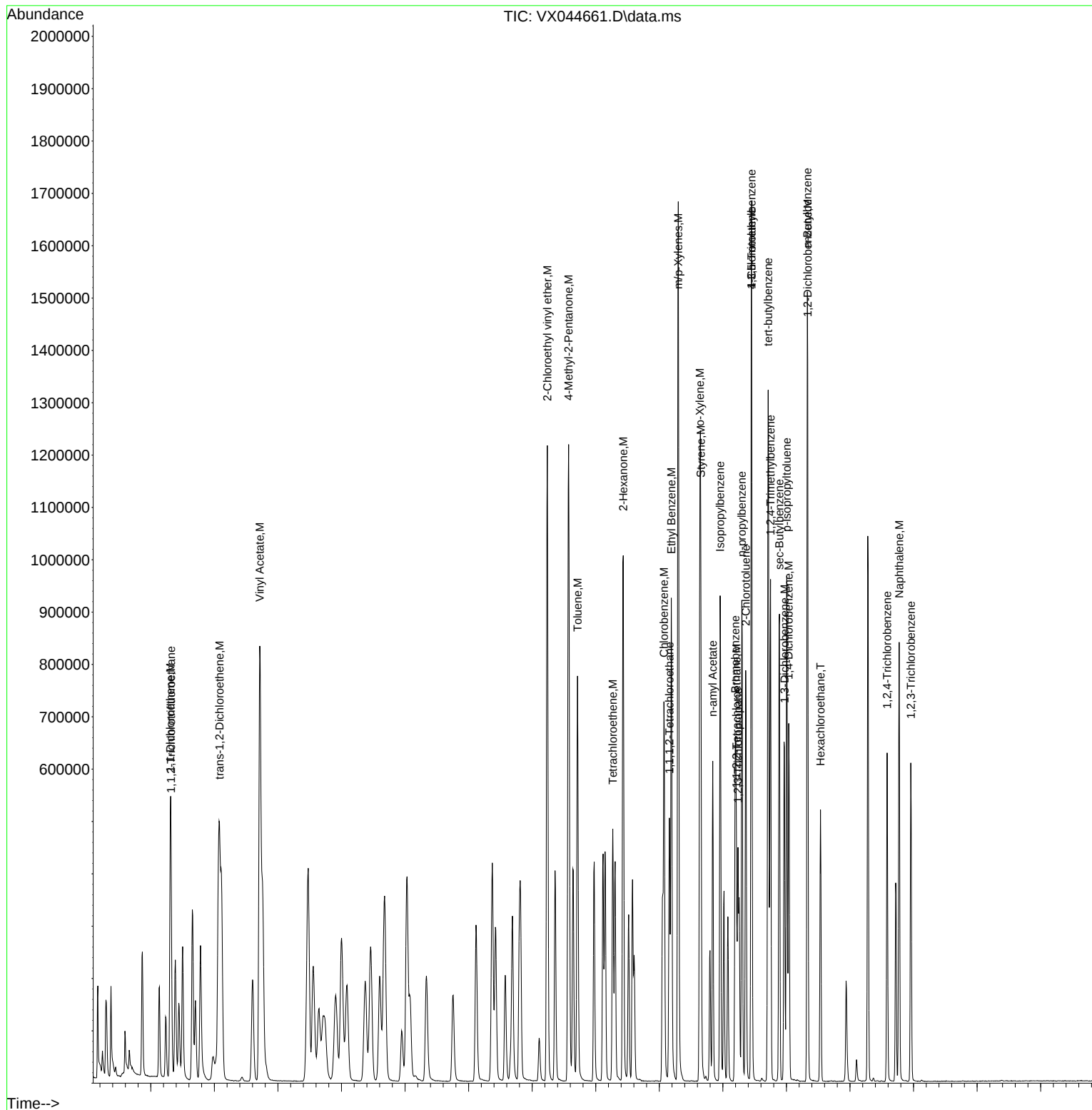
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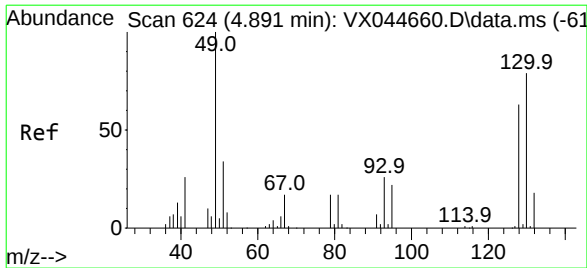
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MSVOA_X
ClientSampleId :
VSTDIC050

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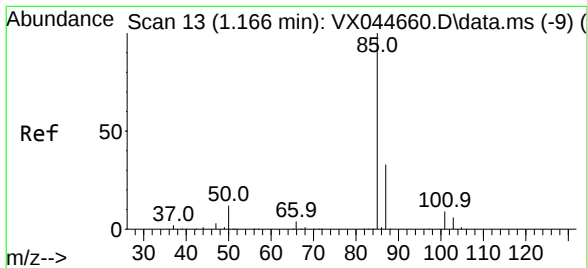
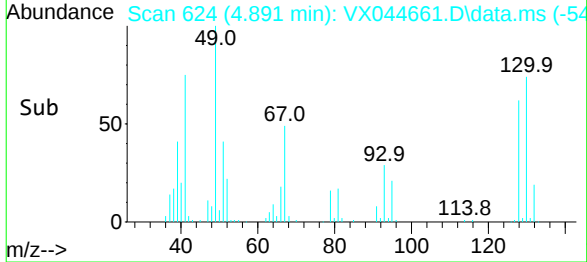
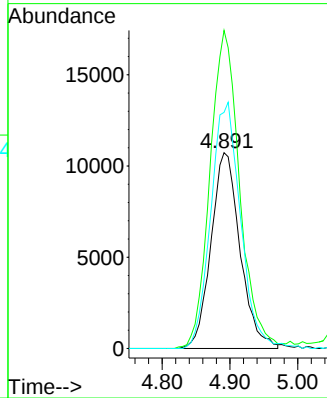
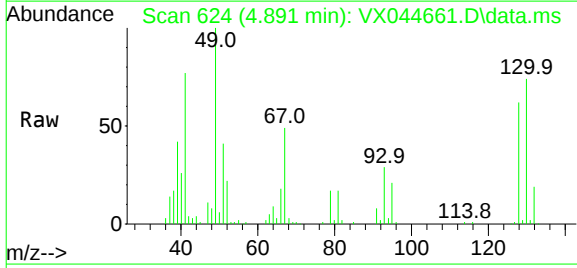
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 31946
Ion Ratio Lower Upper
128 100
49 165.2 0.0 411.5
130 128.0 0.0 324.3

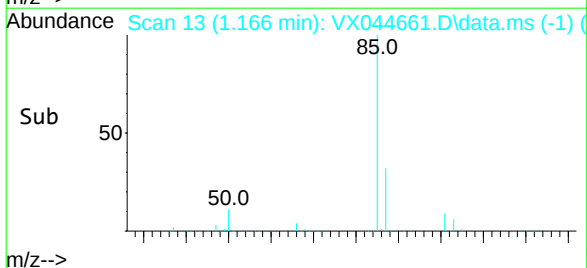
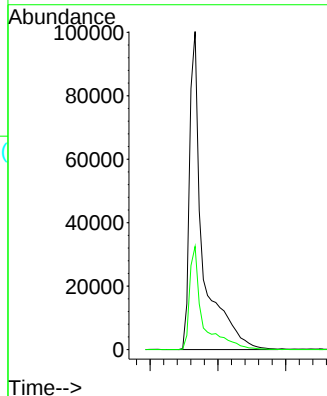
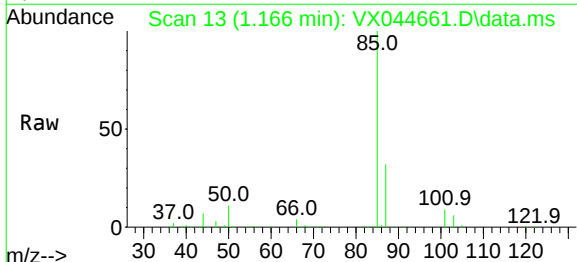
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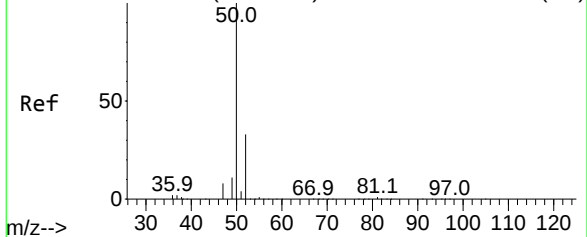


#2
Dichlorodifluoromethane
Concen: 53.031 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 85 Resp: 136053
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8



Abundance Scan 35 (1.301 min): VX044660.D\data.ms (-30)



#3

Chloromethane

Concen: 49.450 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 50 Resp: 147748

Ion Ratio Lower Upper

50 100

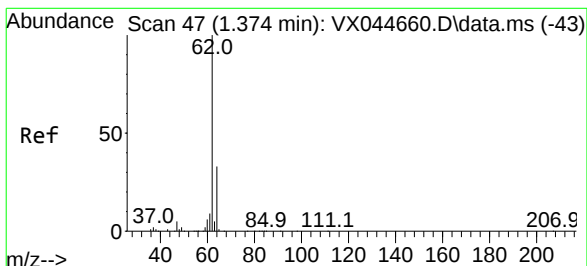
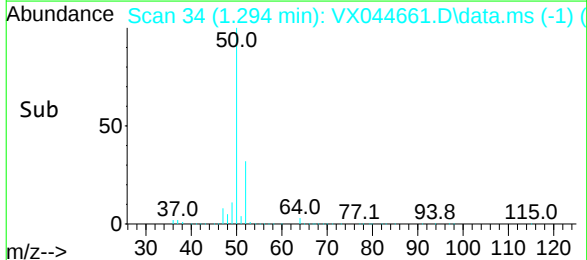
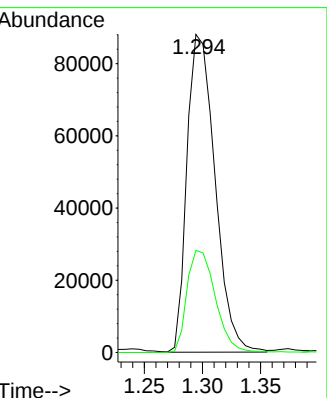
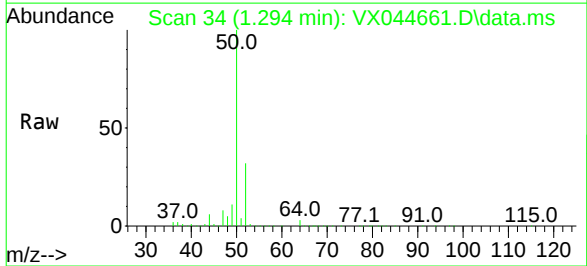
52 32.2 26.5 39.7

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#4

Vinyl Chloride

Concen: 48.270 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044661.D

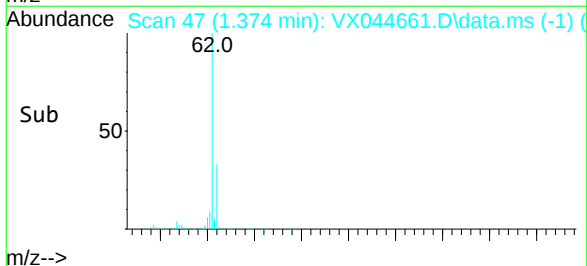
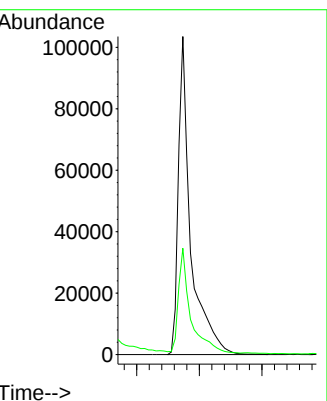
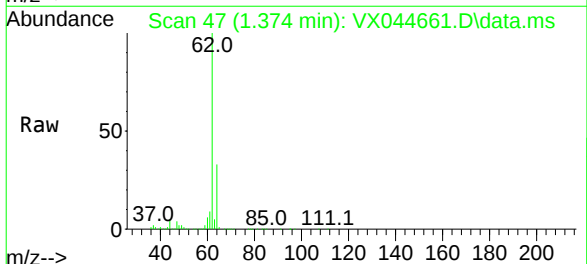
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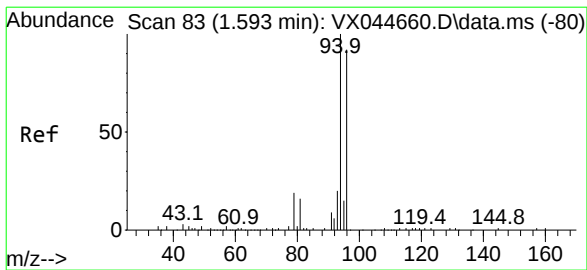
Tgt Ion: 62 Resp: 141110

Ion Ratio Lower Upper

62 100

64 33.0 27.3 40.9





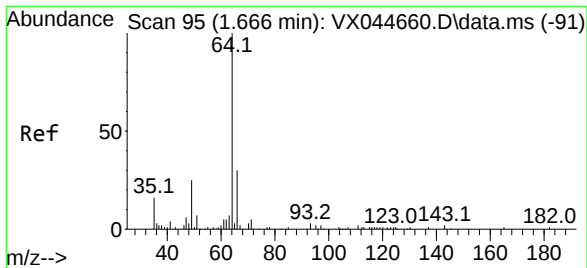
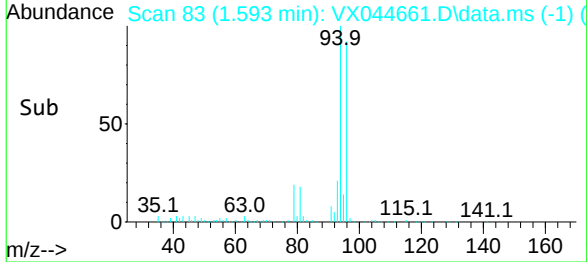
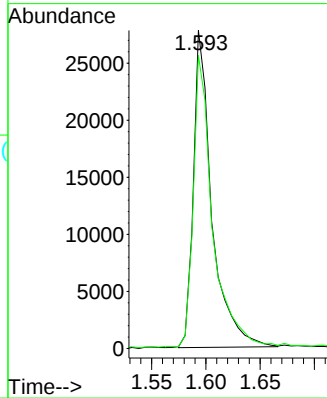
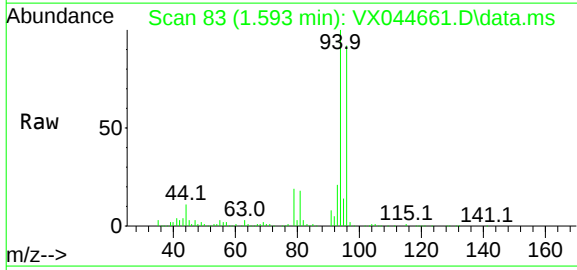
#5
Bromomethane
Concen: 46.667 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 32943
Ion Ratio Lower Upper
94 100
96 92.0 73.3 109.9

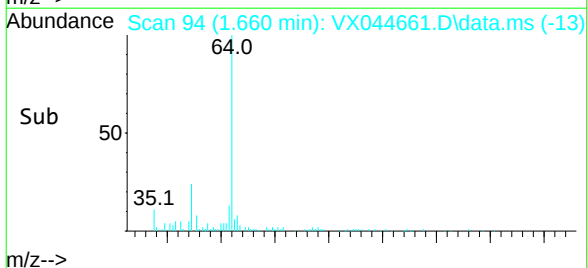
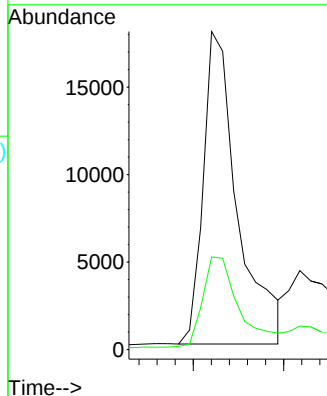
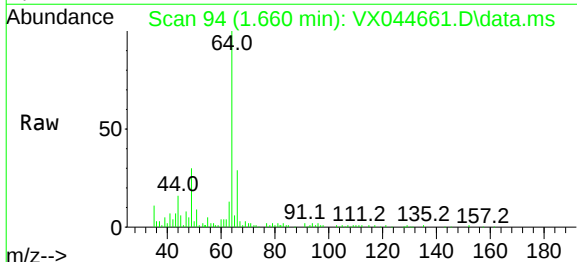
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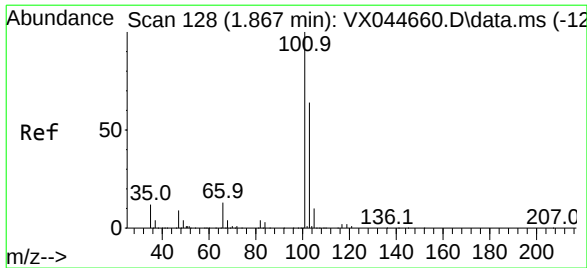
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#6
Chloroethane
Concen: 49.950 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

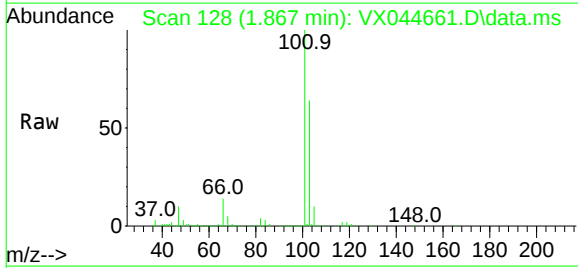
Tgt Ion: 64 Resp: 23580
Ion Ratio Lower Upper
64 100
66 28.6 23.8 35.6





Trichlorofluoromethane
 Concen: 47.245 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044661.D
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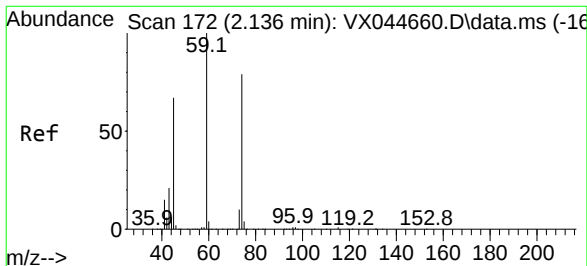
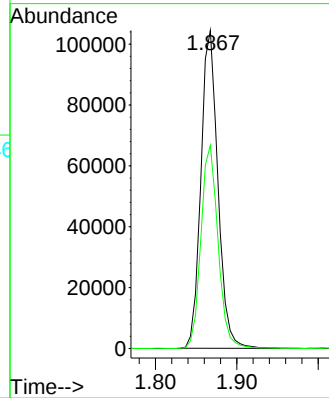
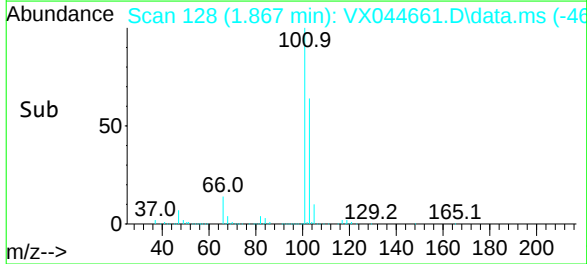
Instrument : MSVOA_X
 ClientSampleId : VSTDICC050



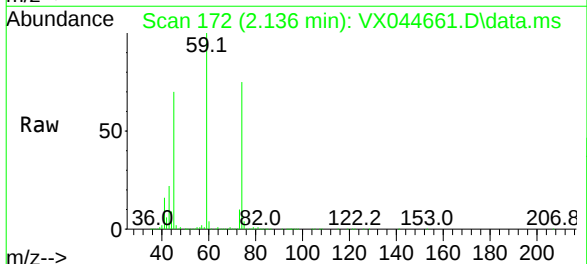
Tgt Ion: 101 Resp: 151253
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.1 76.7

Manual Integrations
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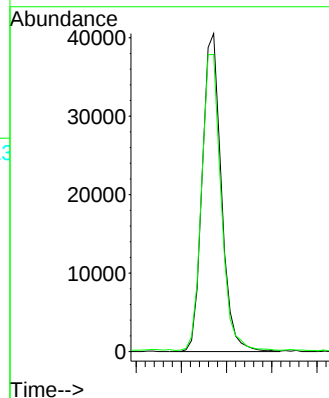
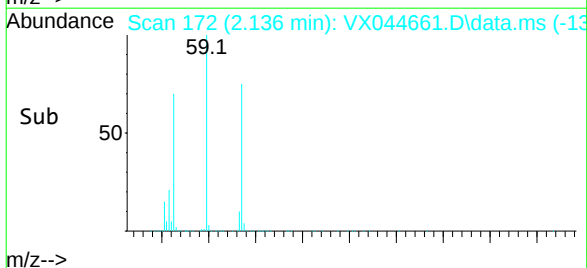
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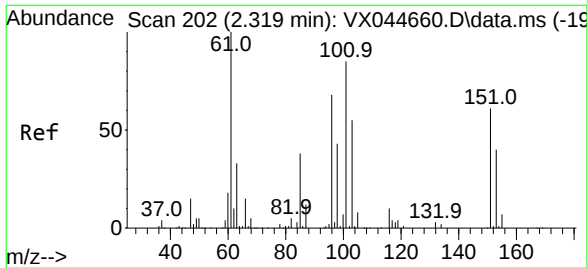


Diethyl Ether
 Concen: 48.034 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX044661.D
 Acq: 16 Jan 2025 09:25



Tgt Ion: 74 Resp: 59325
 Ion Ratio Lower Upper
 74 100
 45 94.7 18.8 168.8





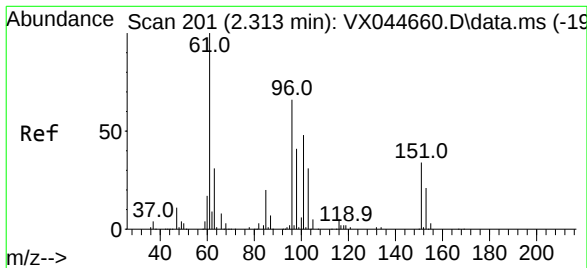
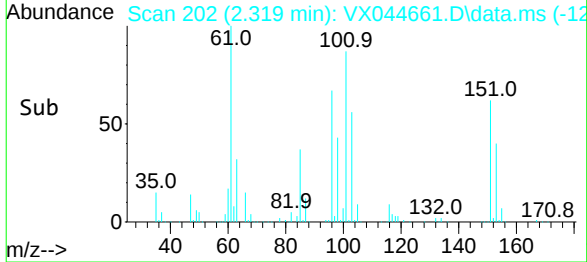
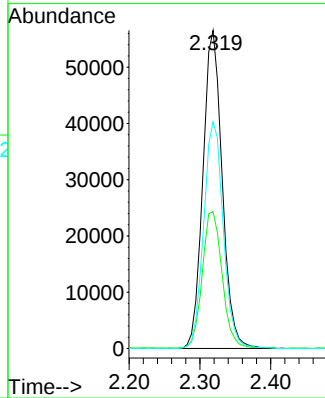
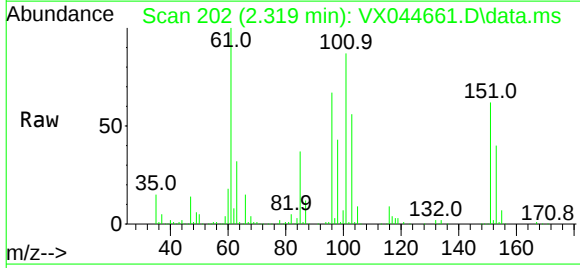
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.650 ug/l
RT: 2.319 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 106998
Ion Ratio Lower Upper
101 100
85 43.8 0.0 88.0
151 72.8 0.0 147.0

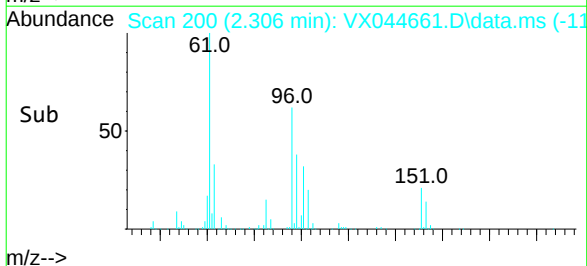
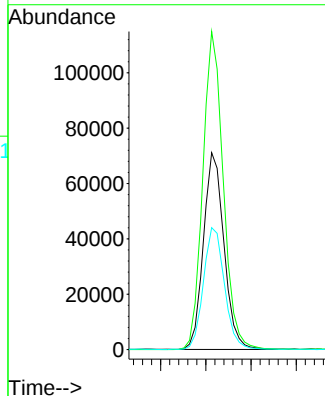
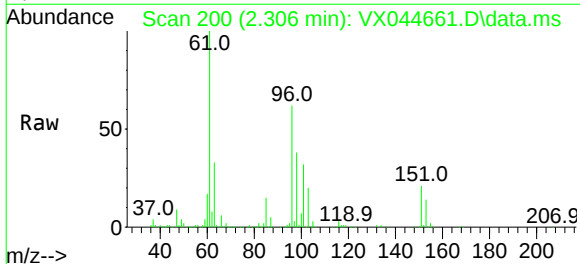
Manual Integrations
APPROVED

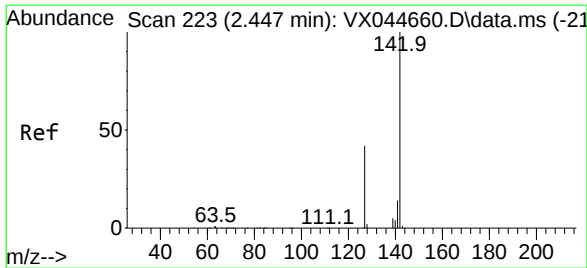
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#10
1,1-Dichloroethene
Concen: 47.590 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

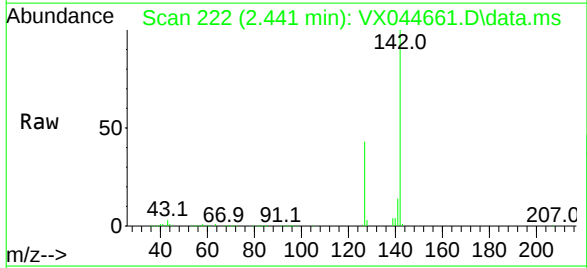
Tgt Ion: 96 Resp: 112301
Ion Ratio Lower Upper
96 100
61 161.7 121.6 182.4
98 61.9 50.3 75.5





#11
Methyl Iodide
Concen: 49.919 ug/l
RT: 2.441 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

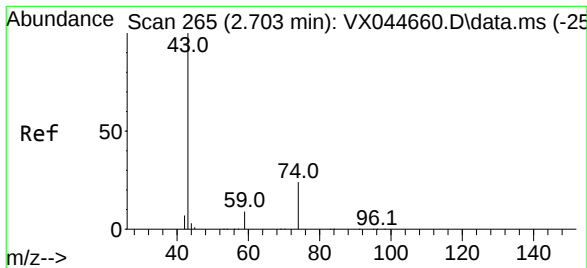
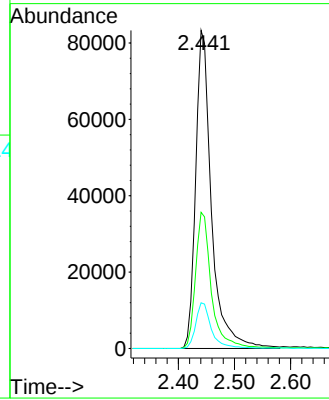
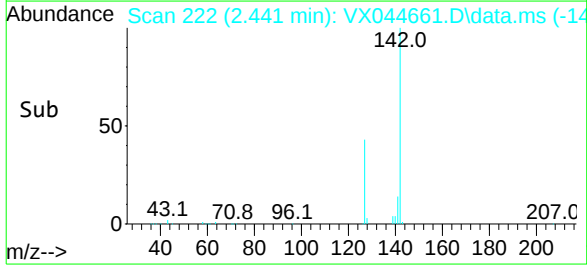
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 163230
Ion Ratio Lower Upper
142 100
127 42.8 20.8 62.4
141 14.3 7.0 20.9

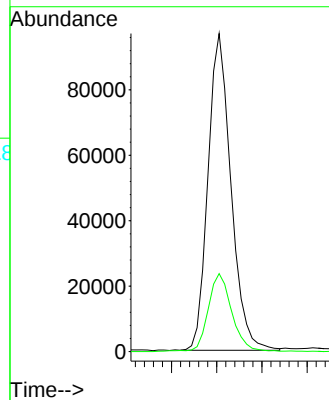
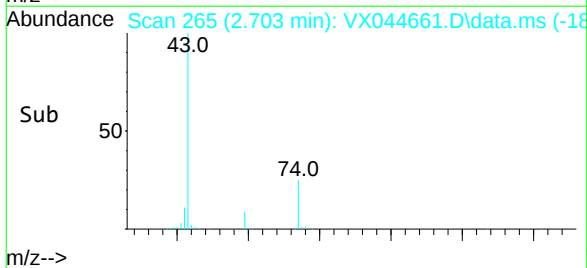
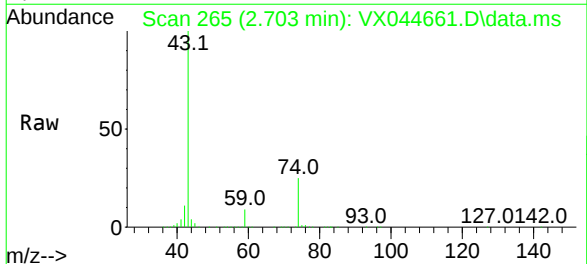
Manual Integrations
APPROVED

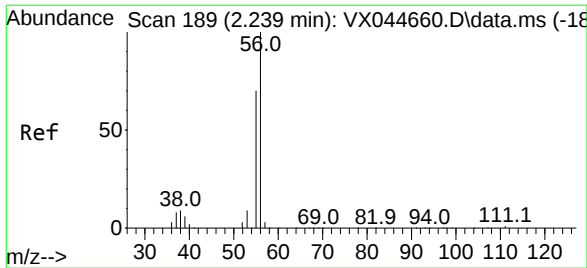
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#12
Methyl Acetate
Concen: 49.623 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 43 Resp: 170946
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2





#13

Acrolein

Concen: 227.272 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

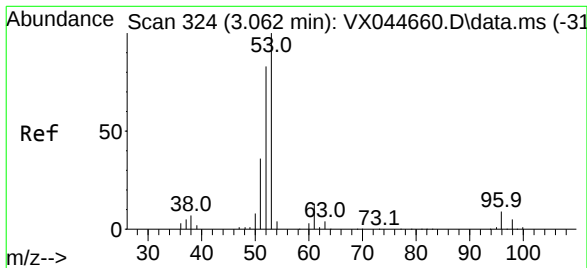
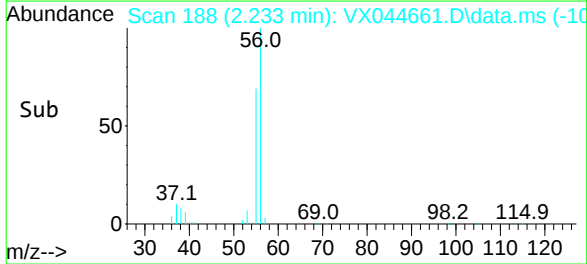
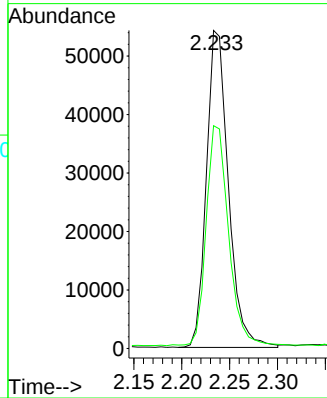
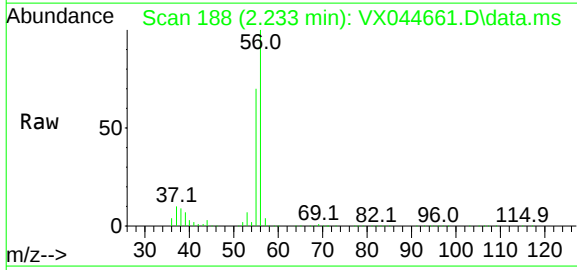
VSTDIC050

Tgt Ion:	56	Resp:	86575
Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.5	86.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#14

Acrylonitrile

Concen: 246.621 ug/l

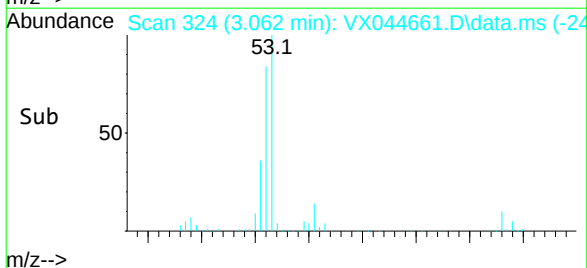
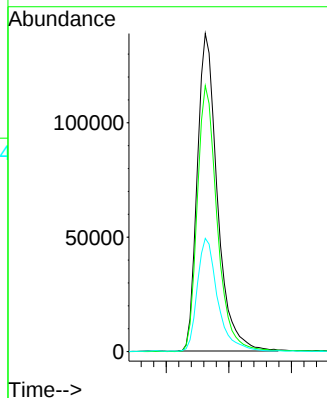
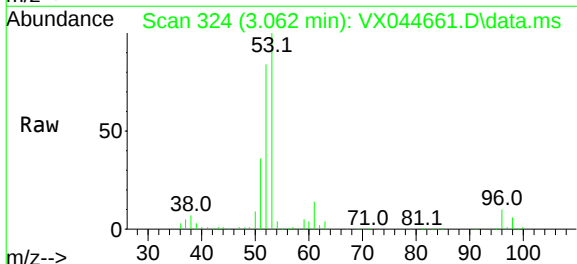
RT: 3.062 min Scan# 324

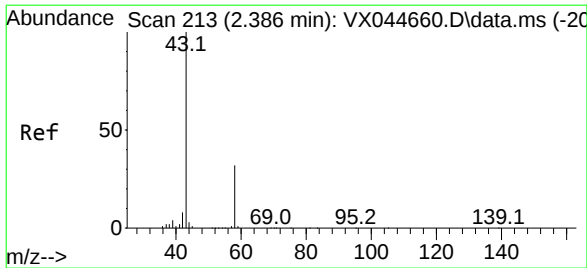
Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Tgt Ion:	53	Resp:	309583
Ion	Ratio	Lower	Upper
53	100		
52	82.5	41.4	124.2
51	36.0	18.1	54.4





#15

Acetone

Concen: 242.884 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 81812

Ion Ratio Lower Upper

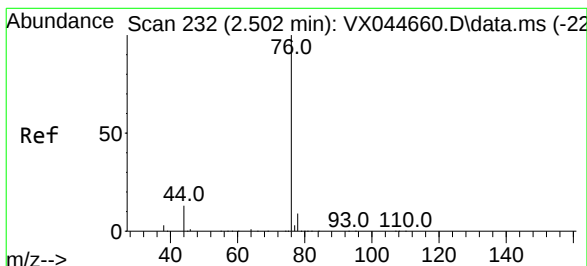
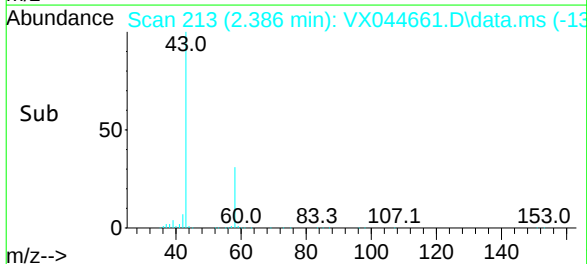
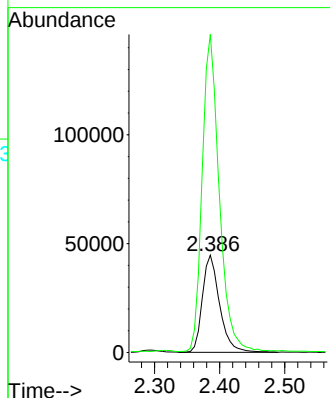
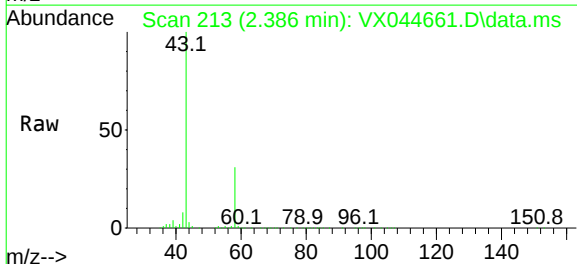
58 100

43 326.3 251.0 376.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#16

Carbon Disulfide

Concen: 48.818 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044661.D

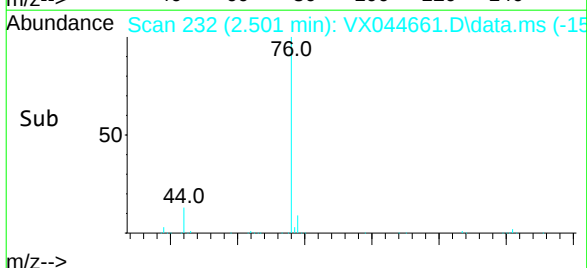
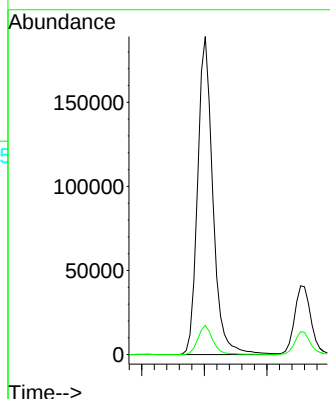
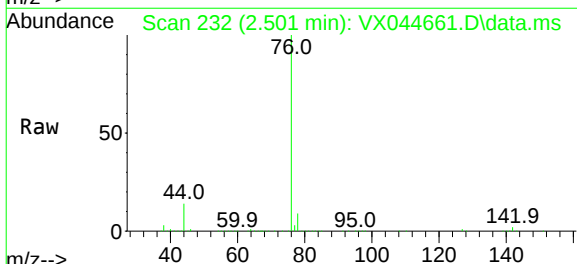
Acq: 16 Jan 2025 09:25

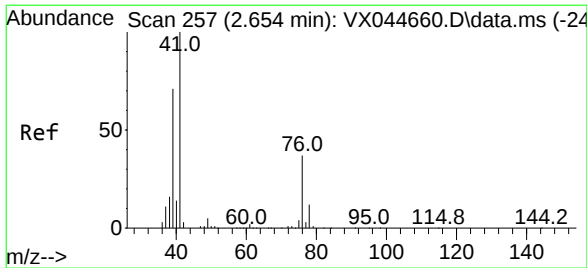
Tgt Ion: 76 Resp: 320132

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





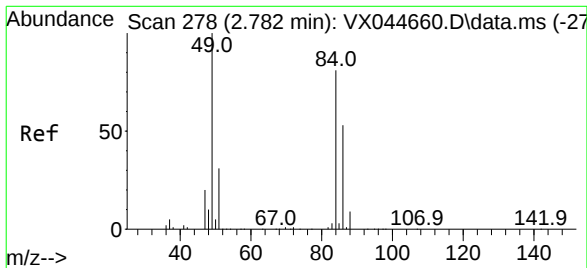
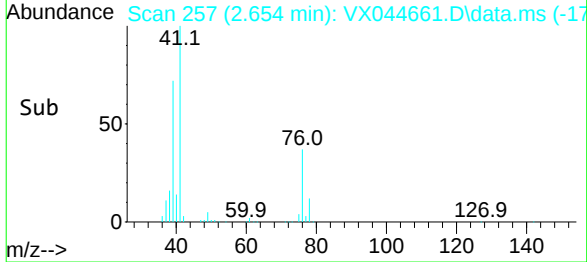
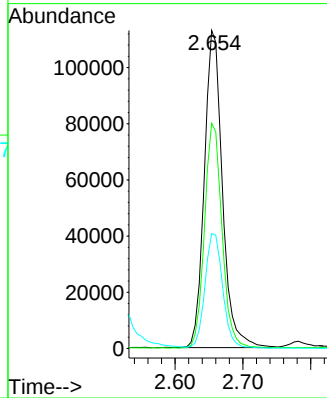
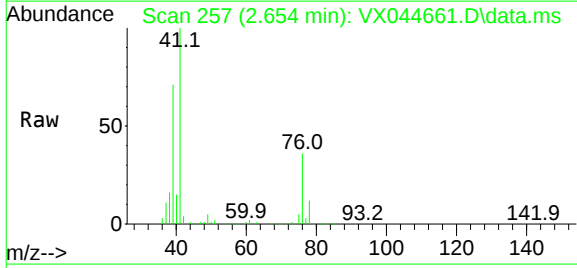
#17
 Allyl chloride
 Concen: 49.209 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX044661.D
 Acq: 16 Jan 2025 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion: 41 Resp: 209402
 Ion Ratio Lower Upper
 41 100
 39 70.9 35.6 106.8
 76 36.1 18.9 56.5

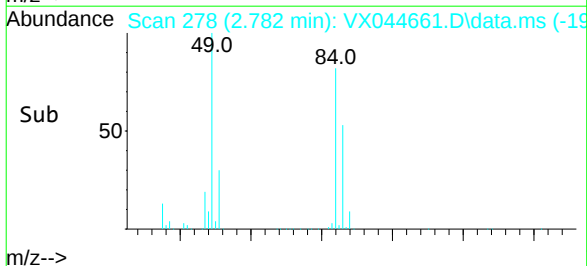
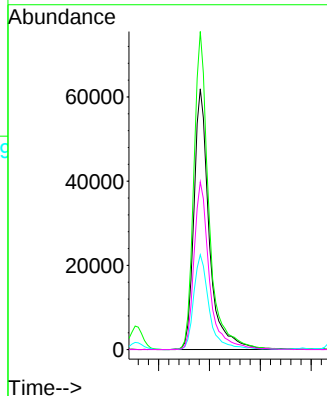
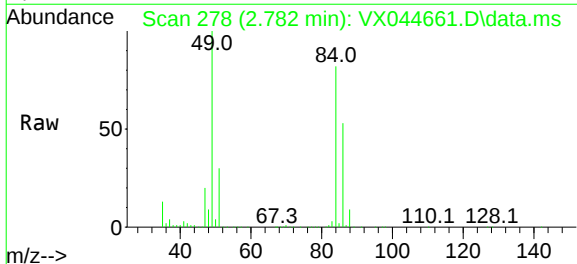
Manual Integrations
 APPROVED

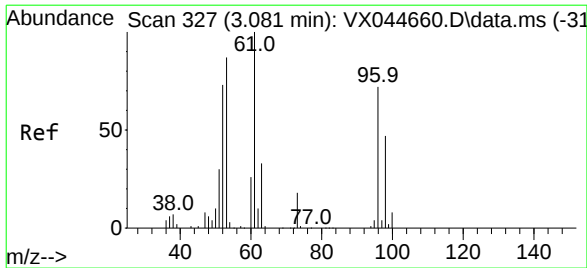
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#18
 Methylene Chloride
 Concen: 48.907 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX044661.D
 Acq: 16 Jan 2025 09:25

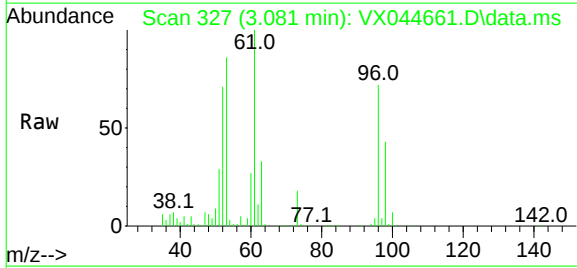
Tgt Ion: 84 Resp: 129192
 Ion Ratio Lower Upper
 84 100
 49 122.0 98.3 147.5
 51 36.3 30.6 46.0
 86 64.3 52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 48.618 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

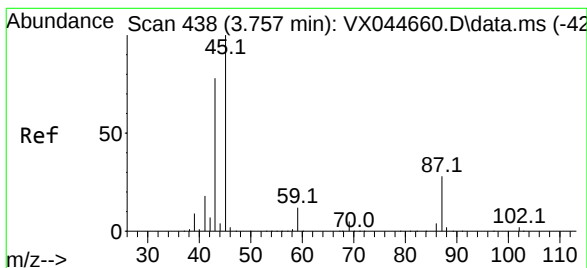
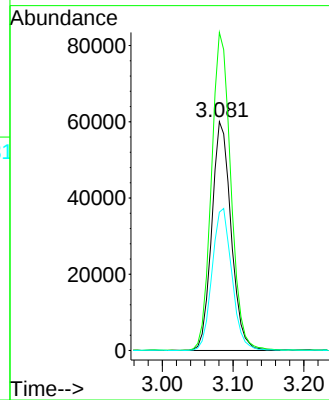
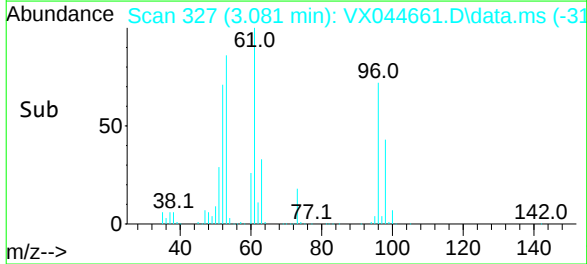
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



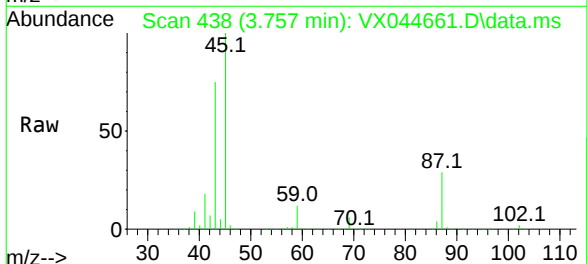
Tgt Ion: 96 Resp: 114074
Ion Ratio Lower Upper
96 100
61 138.9 111.5 167.3
98 60.4 52.6 79.0

Manual Integrations
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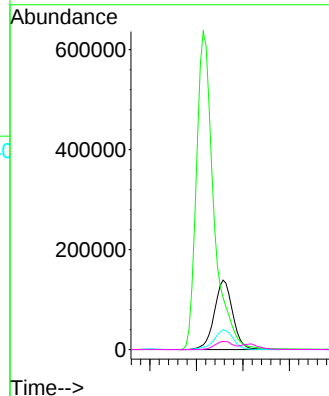
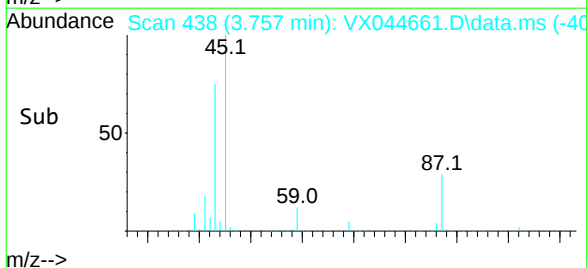
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

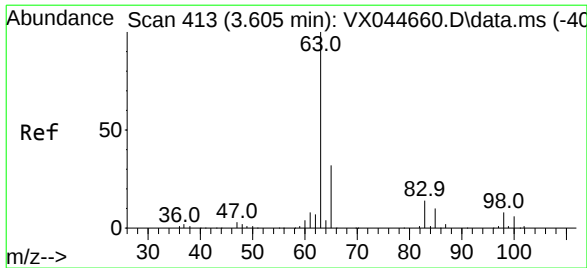


#20
Diisopropyl ether
Concen: 49.191 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25



Tgt Ion: 45 Resp: 379943
Ion Ratio Lower Upper
45 100
43 74.8 62.6 94.0
87 28.6 22.7 34.1
59 11.6 9.4 14.2





#21

1,1-Dichloroethane

Concen: 49.127 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

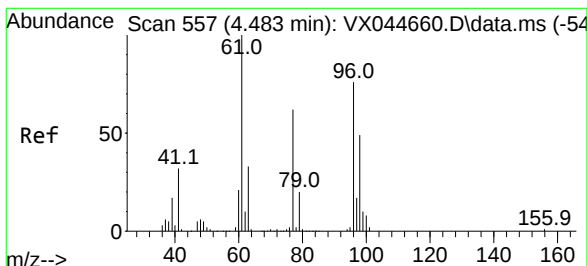
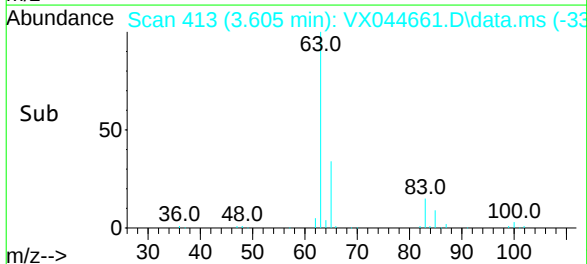
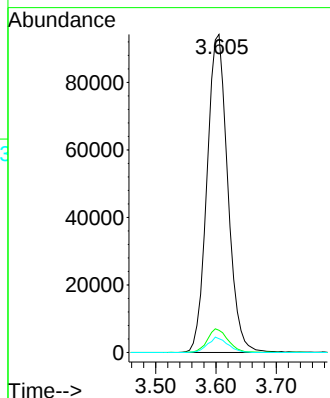
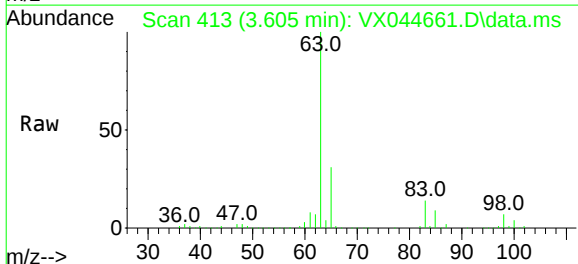
ClientSampleId :

VSTDICC050

Tgt Ion:	63	Resp:	225092
Ion	Ratio	Lower	Upper
63	100		
98	7.0	4.0	11.9
100	4.3	2.8	8.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#22

cis-1,2-Dichloroethene

Concen: 48.695 ug/l

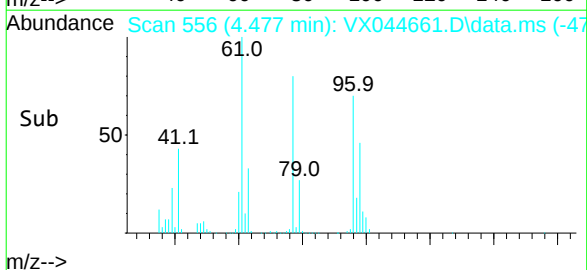
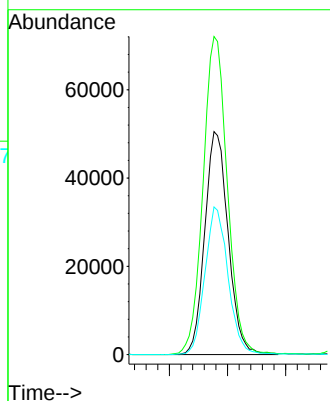
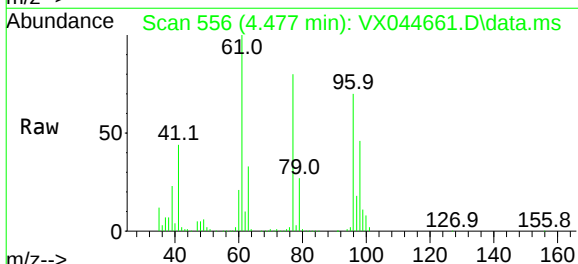
RT: 4.477 min Scan# 556

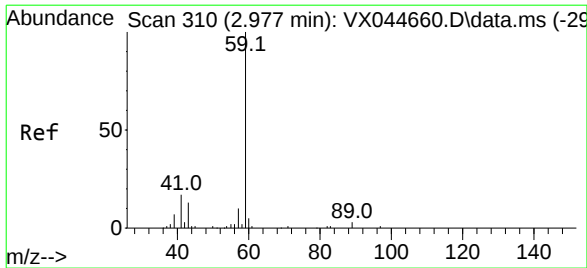
Delta R.T. -0.006 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Tgt Ion:	96	Resp:	141413
Ion	Ratio	Lower	Upper
96	100		
61	147.5	115.2	172.8
98	65.4	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 265.008 ug/l m

RT: 2.977 min Scan# 310

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 59 Resp: 144322

Ion Ratio Lower Upper

59 100

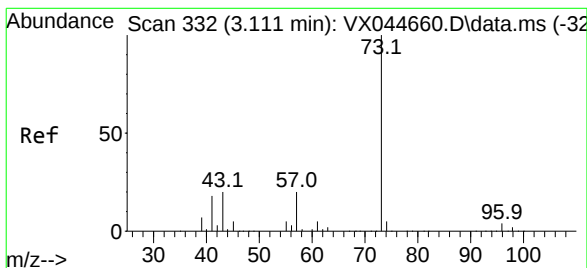
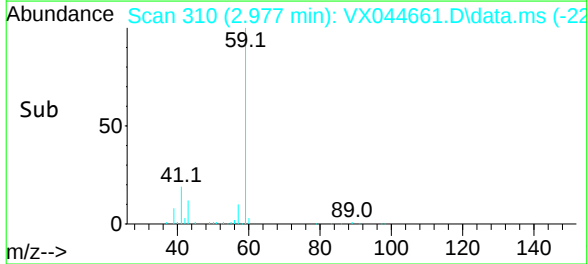
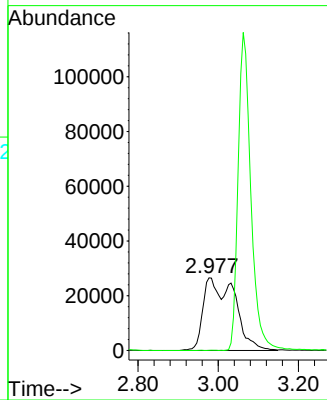
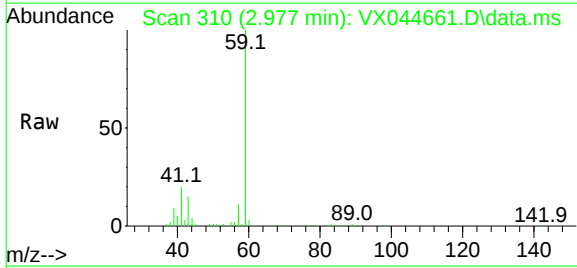
52 0.1 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#24

Methyl tert-Butyl Ether

Concen: 48.485 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX044661.D

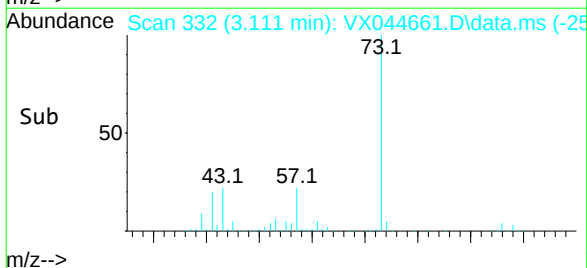
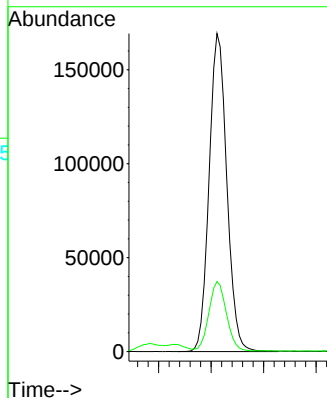
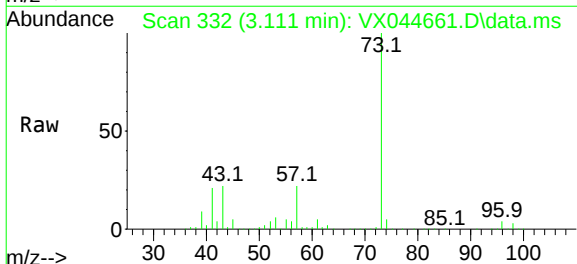
Acq: 16 Jan 2025 09:25

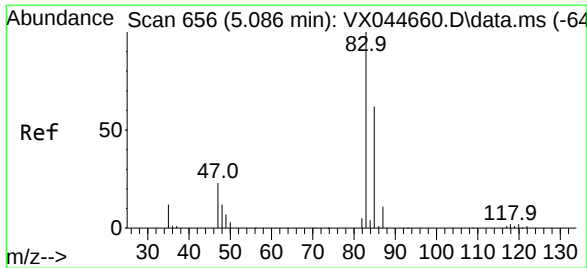
Tgt Ion: 73 Resp: 396412

Ion Ratio Lower Upper

73 100

43 21.4 16.9 25.3





#25

Chloroform

Concen: 48.880 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 222532

Ion Ratio Lower Upper

83 100

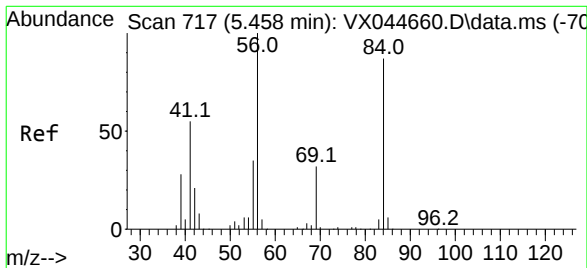
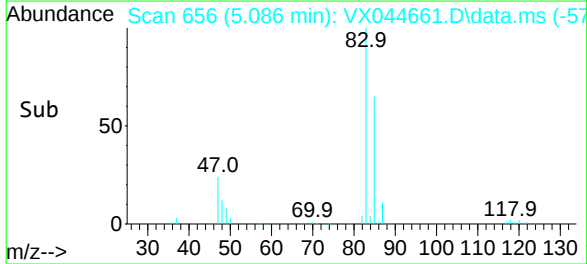
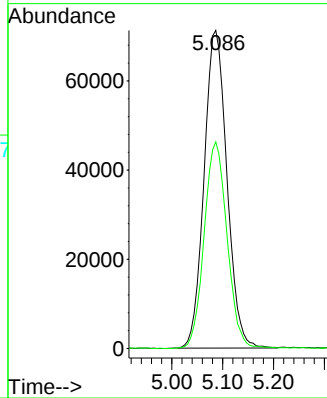
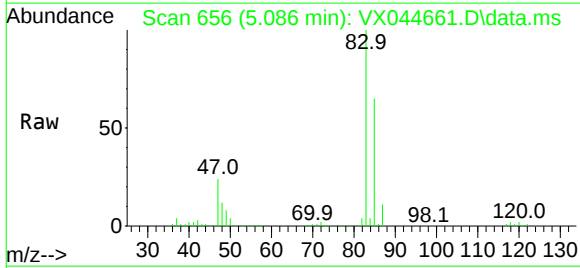
85 64.9 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#26

Cyclohexane

Concen: 46.819 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

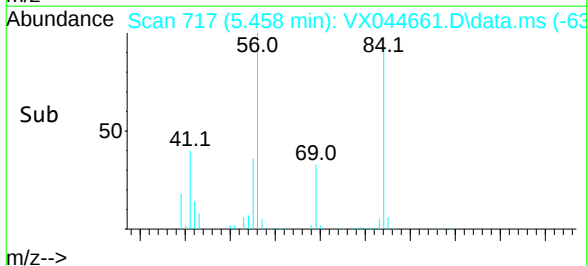
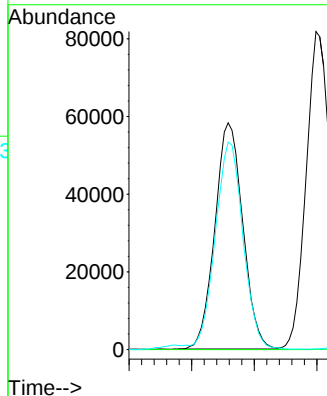
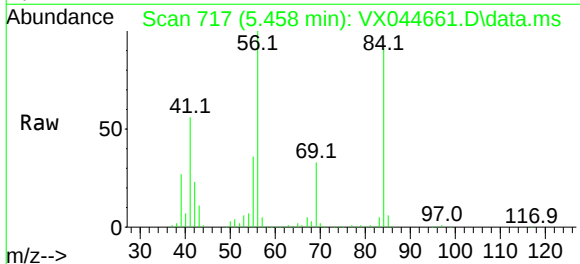
Tgt Ion: 56 Resp: 180292

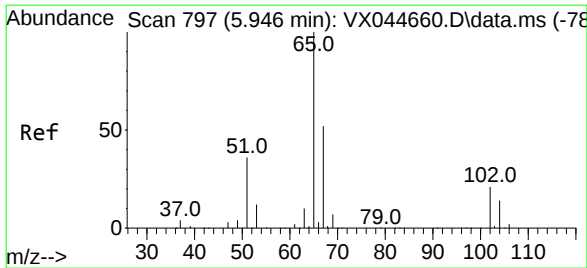
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.5 72.2 108.4





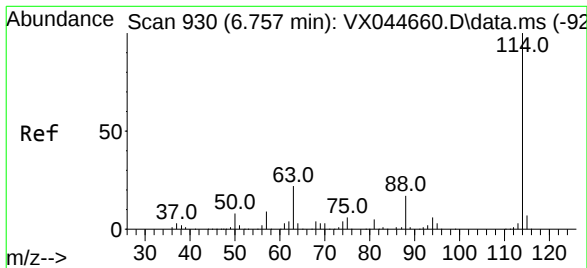
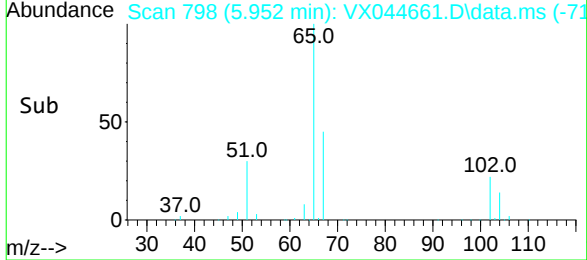
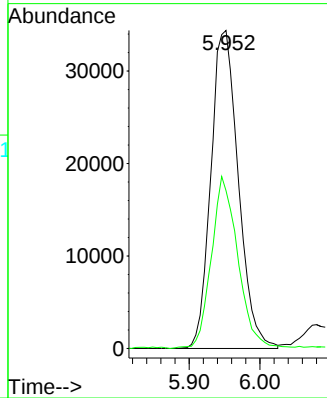
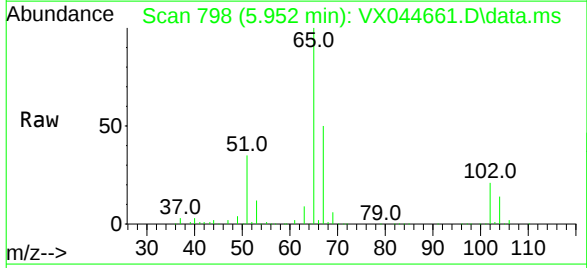
#27
1,2-Dichloroethane-d4
Concen: 30.092 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 92806
Ion Ratio Lower Upper
65 100
67 50.6 41.4 62.2

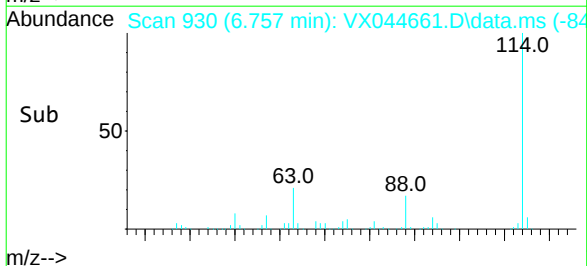
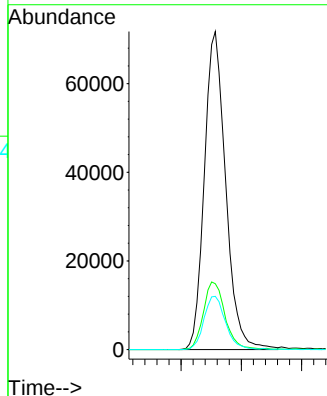
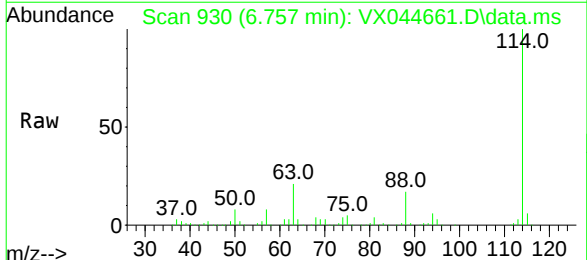
Manual Integrations
APPROVED

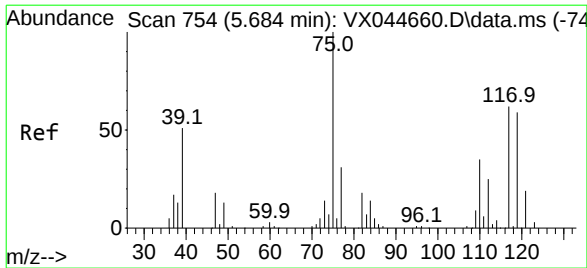
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion:114 Resp: 176401
Ion Ratio Lower Upper
114 100
63 21.5 16.6 24.8
88 16.9 13.4 20.2





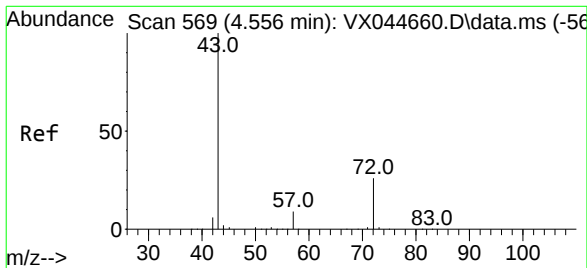
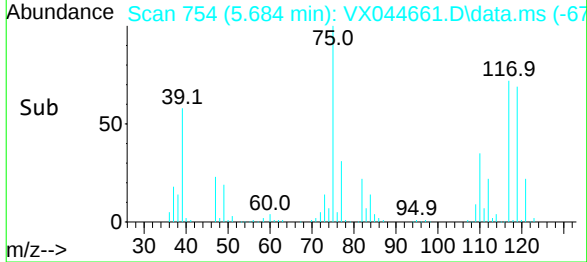
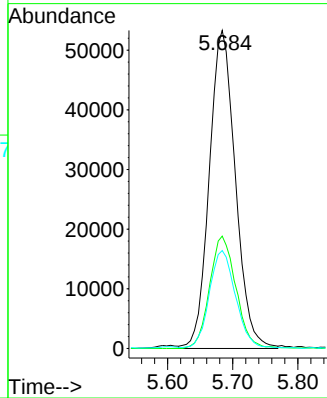
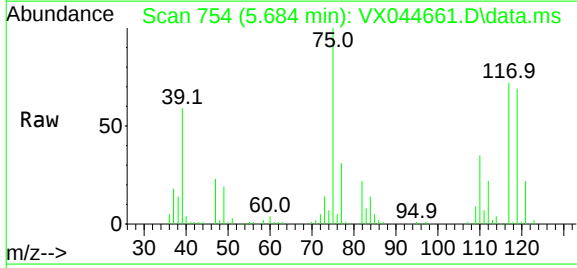
#29
1,1-Dichloropropene
Concen: 48.402 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 148511
Ion Ratio Lower Upper
75 100
110 35.3 0.0 69.4
77 30.9 0.0 59.8

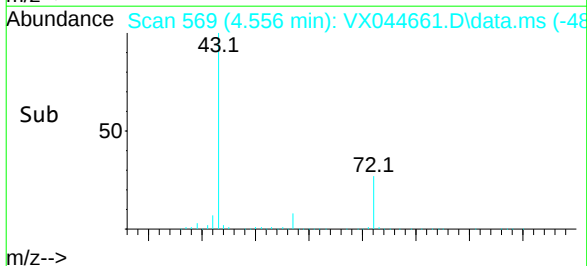
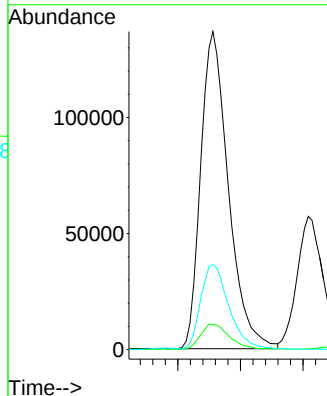
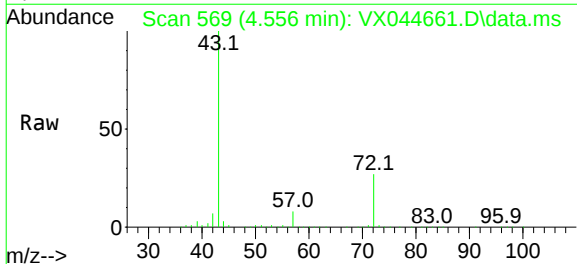
Manual Integrations
APPROVED

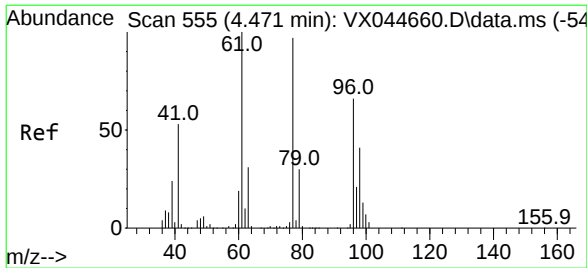
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#30
2-Butanone
Concen: 248.886 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 43 Resp: 419491
Ion Ratio Lower Upper
43 100
57 8.2 6.4 9.6
72 27.4 21.5 32.3





#31

2,2-Dichloropropane

Concen: 48.011 ug/l

RT: 4.465 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 77 Resp: 203849

Ion Ratio Lower Upper

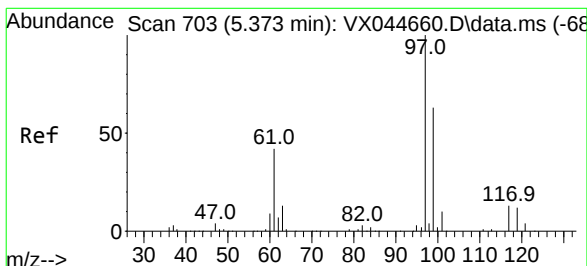
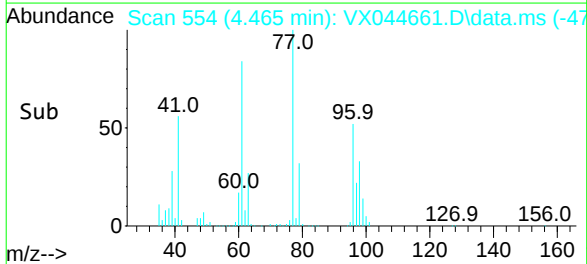
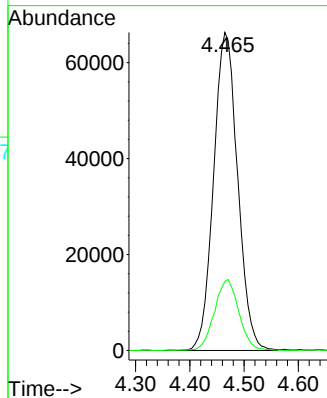
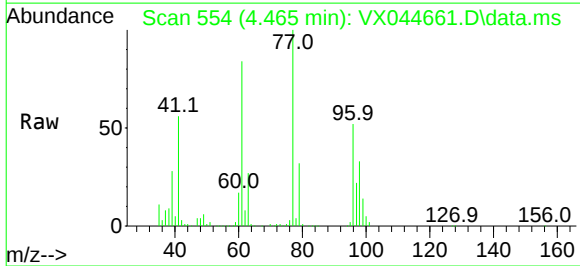
77 100

97 22.5 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#32

1,1,1-Trichloroethane

Concen: 48.051 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

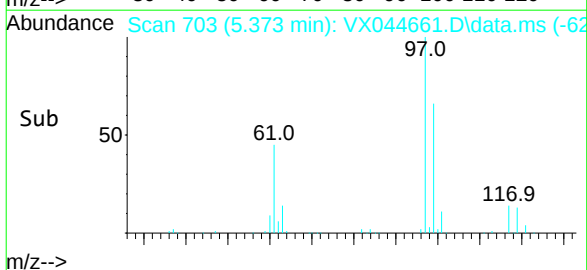
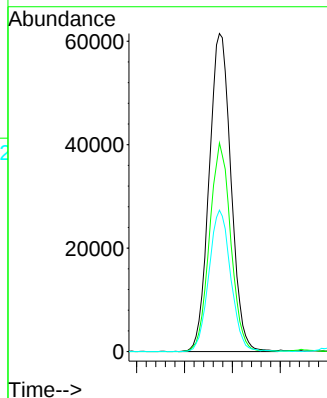
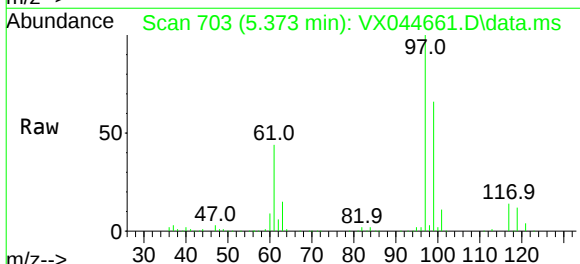
Tgt Ion: 97 Resp: 195383

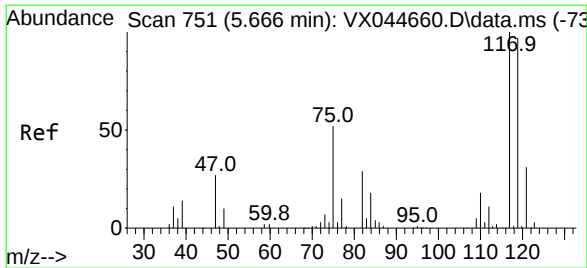
Ion Ratio Lower Upper

97 100

99 63.8 50.5 75.7

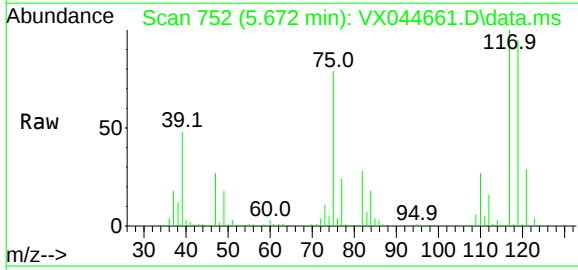
61 44.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 47.839 ug/l
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

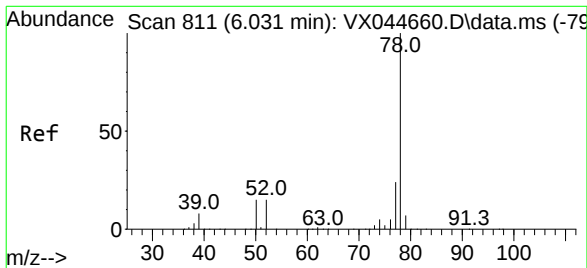
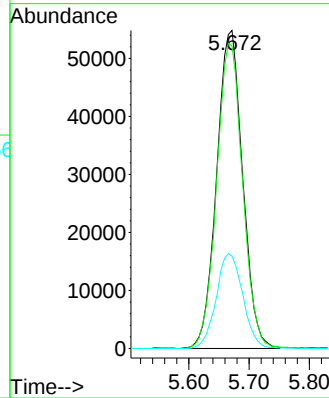
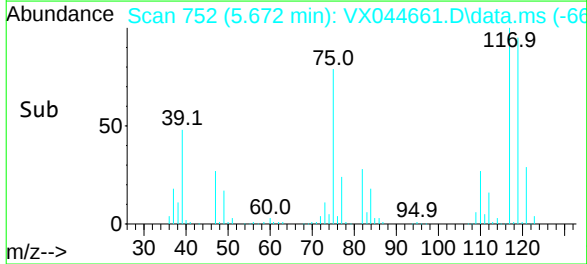
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 164089
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 29.0 24.6 37.0

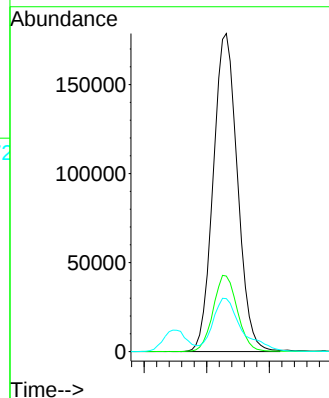
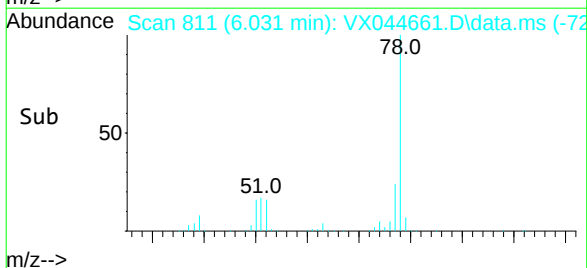
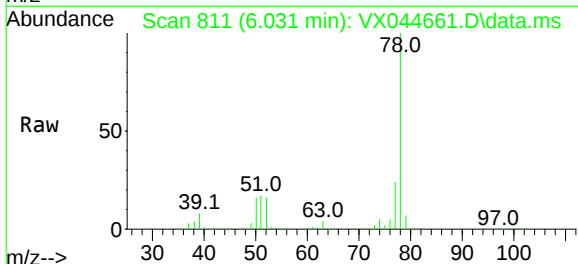
Manual Integrations
APPROVED

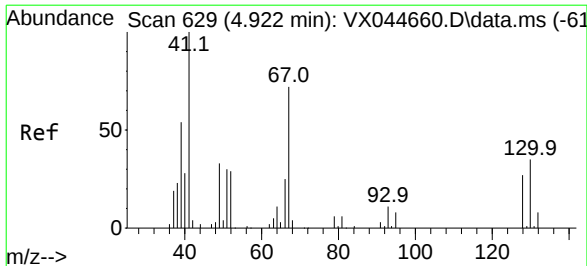
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#34
Benzene
Concen: 49.118 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 78 Resp: 480821
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 16.1 12.7 19.1





#35
Methacrylonitrile
Concen: 49.509 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

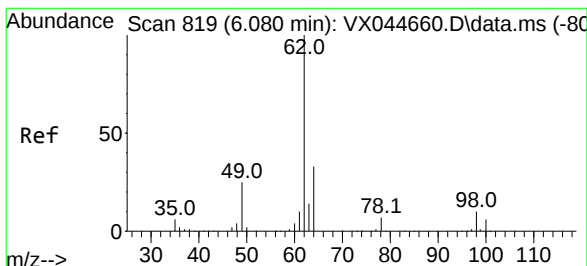
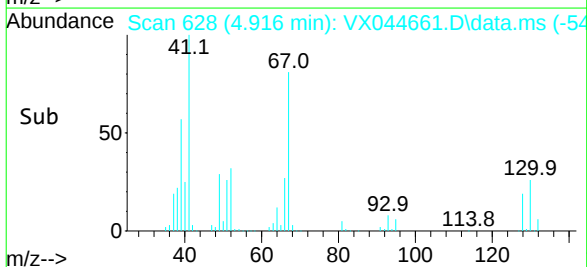
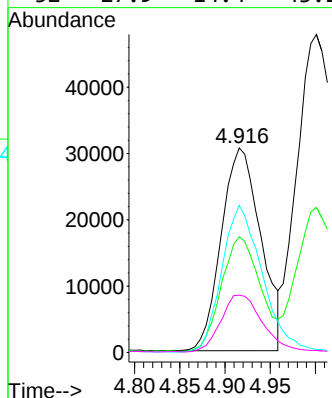
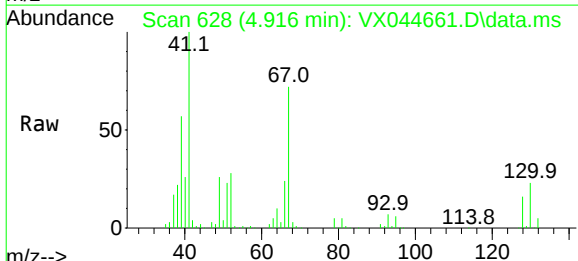
VSTDIC050

Tgt Ion: 41 Resp: 93262
Ion Ratio Lower Upper
41 100
39 56.6 27.1 81.3
67 72.4 35.8 107.4
52 27.9 14.4 43.2

Manual Integrations

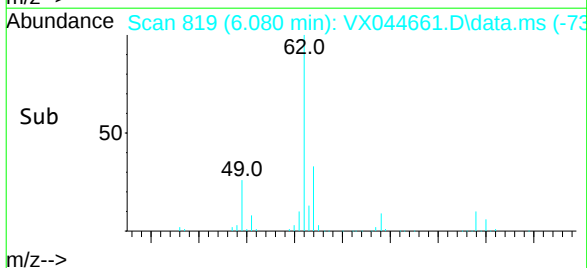
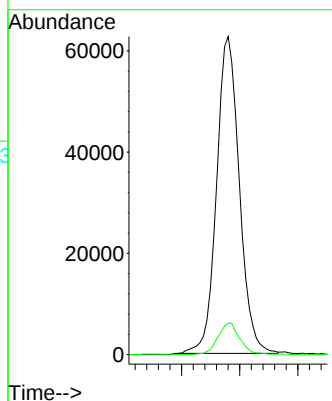
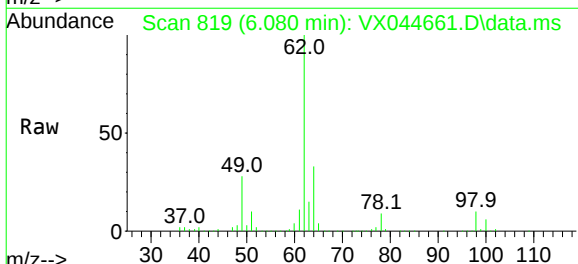
APPROVED

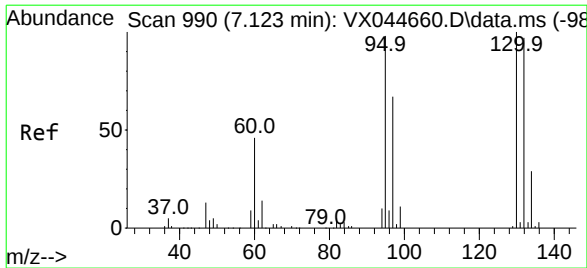
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#36
1,2-Dichloroethane
Concen: 48.671 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

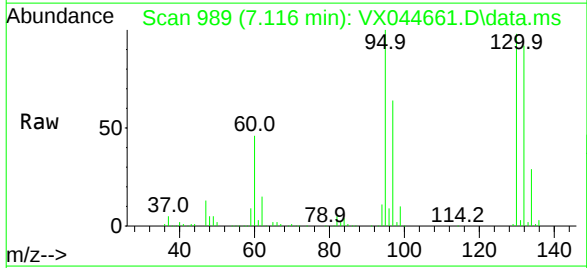
Tgt Ion: 62 Resp: 170346
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2





#37
Trichloroethene
Concen: 48.998 ug/l
RT: 7.116 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

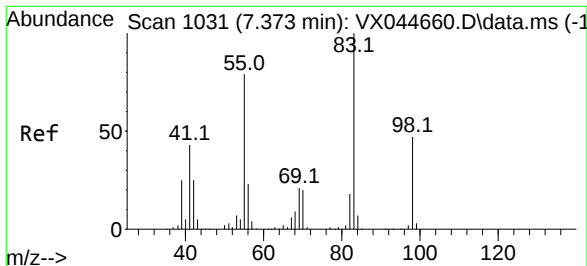
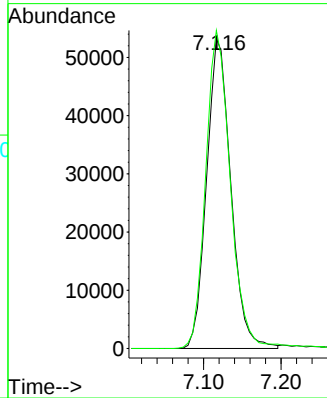
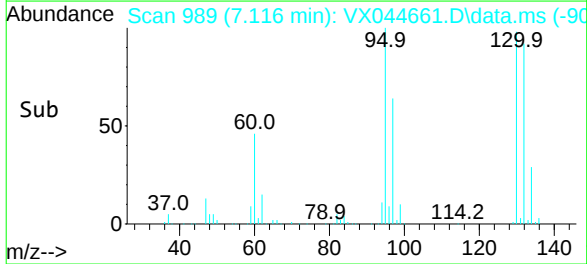
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:130 Resp: 115805
Ion Ratio Lower Upper
130 100
95 102.4 78.2 117.4

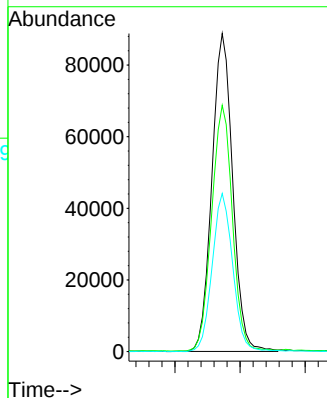
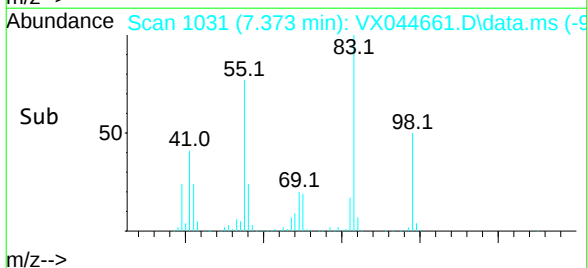
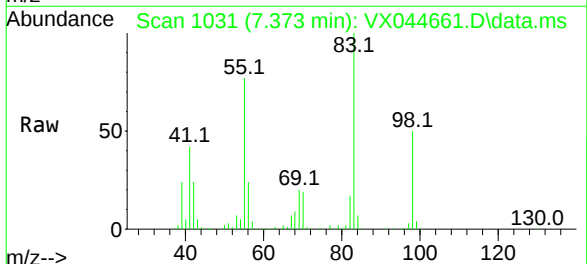
Manual Integrations
APPROVED

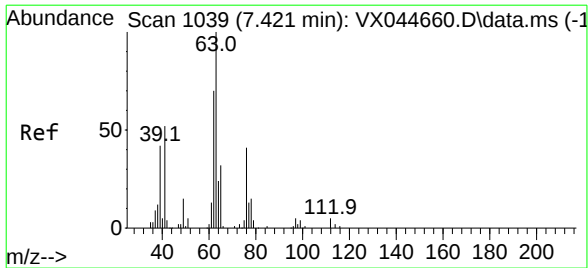
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#38
Methylcyclohexane
Concen: 47.170 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 83 Resp: 196645
Ion Ratio Lower Upper
83 100
55 77.5 38.4 115.2
98 48.9 24.4 73.4





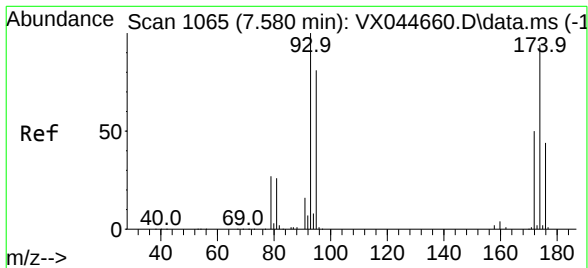
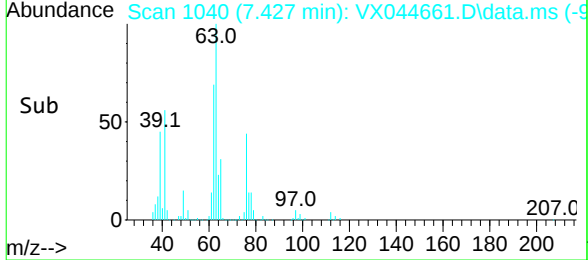
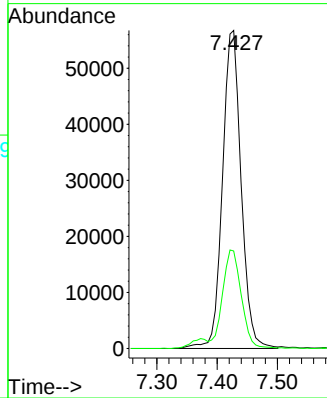
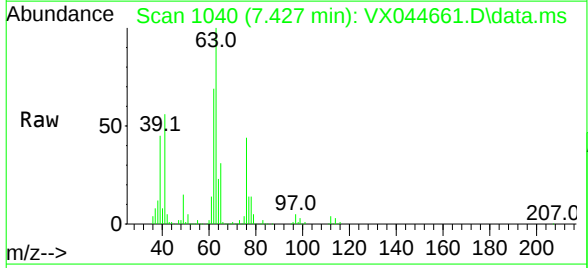
#39
1,2-Dichloropropane
Concen: 49.937 ug/l
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 121901
Ion Ratio Lower Upper
63 100
65 30.5 25.5 38.3

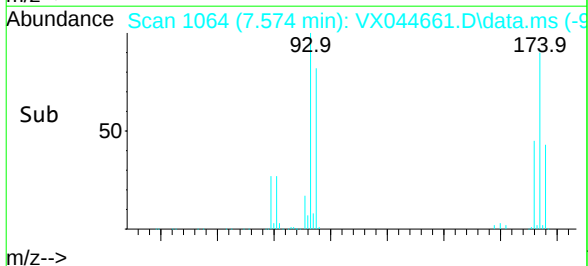
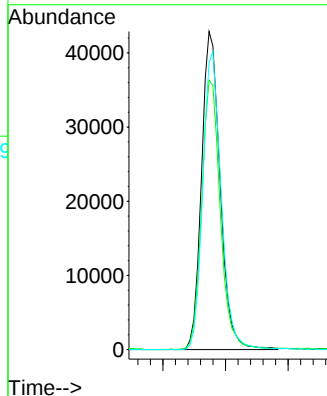
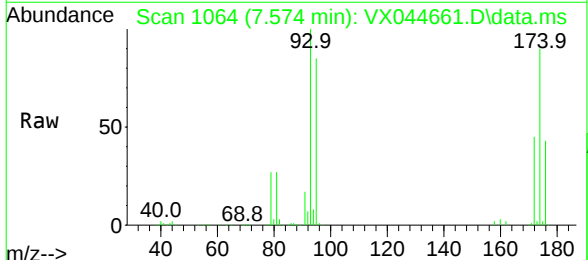
Manual Integrations
APPROVED

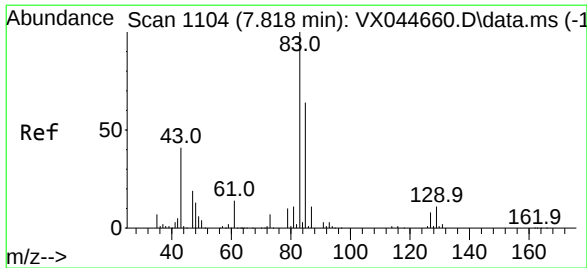
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#40
Dibromomethane
Concen: 48.894 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 93 Resp: 88733
Ion Ratio Lower Upper
93 100
95 84.4 0.0 167.0
174 92.2 0.0 182.0





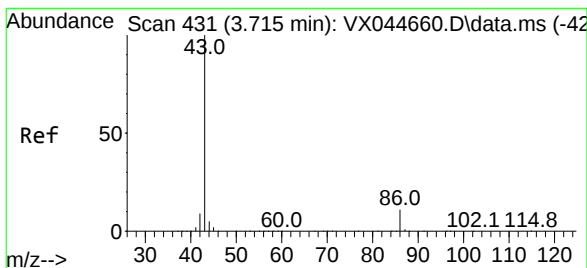
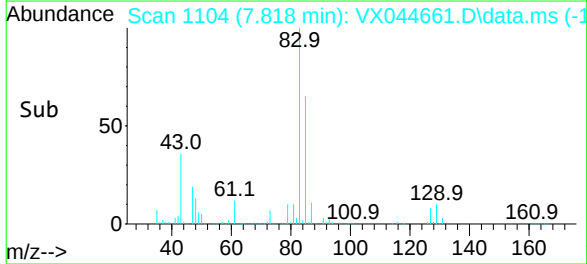
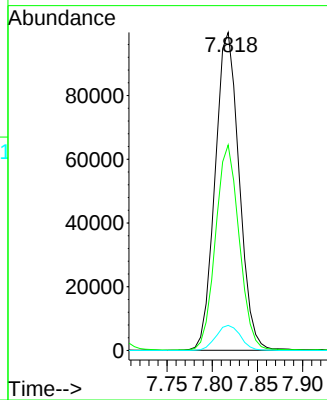
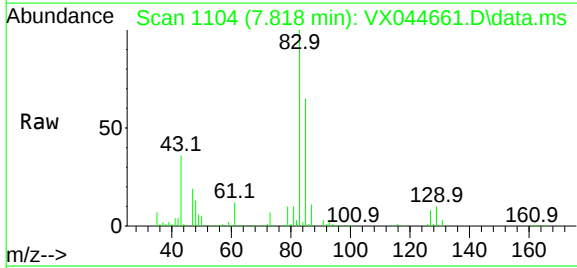
#41
Bromodichloromethane
Concen: 49.303 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 184753
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3
127 7.9 6.5 9.7

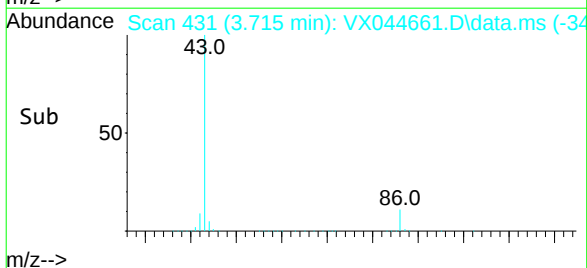
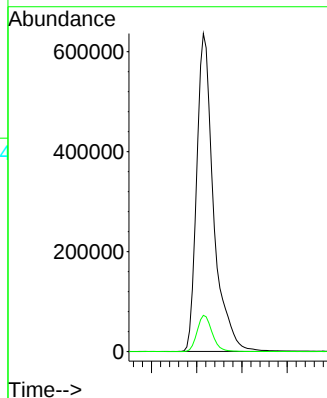
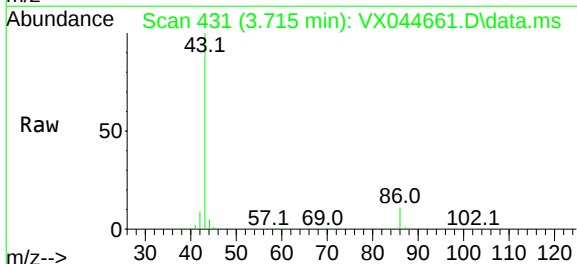
Manual Integrations
APPROVED

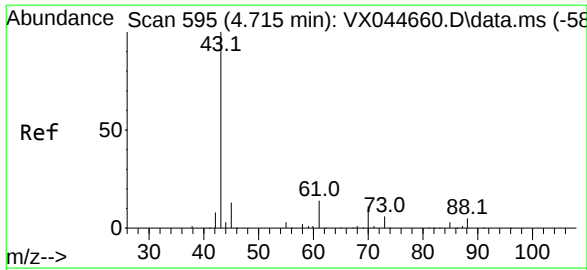
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#42
Vinyl Acetate
Concen: 246.012 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 43 Resp: 1646712
Ion Ratio Lower Upper
43 100
86 10.2 8.0 12.0





#43

Ethyl Acetate

Concen: 49.103 ug/l

RT: 4.708 min Scan# 59

Delta R.T. -0.006 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Tgt Ion: 43 Resp: 162349

Ion Ratio Lower Upper

43 100

45 14.8 0.1 0.1#

Instrument :

MSVOA_X

ClientSampleId :

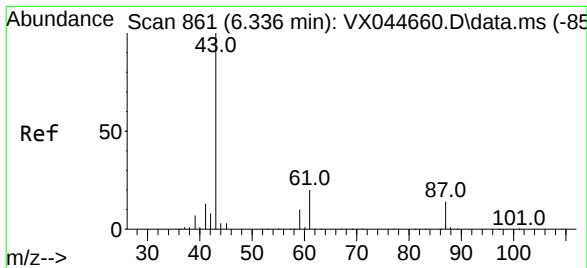
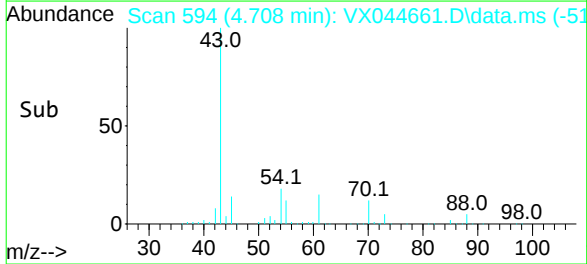
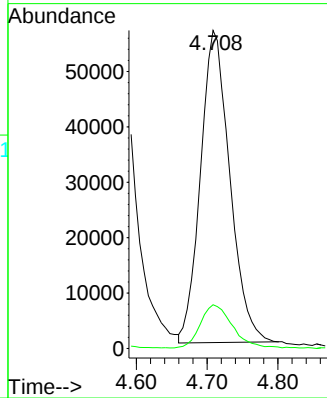
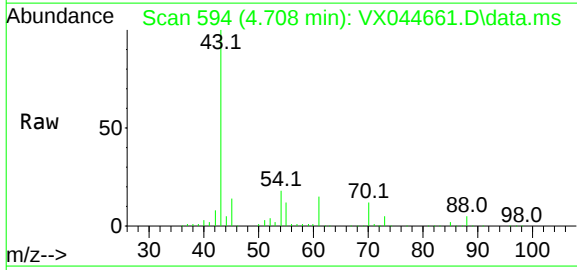
VSTDICC050

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#44

Isopropyl Acetate

Concen: 49.493 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044661.D

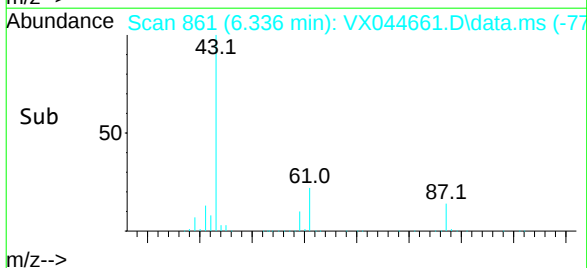
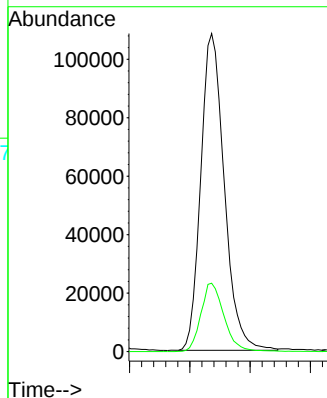
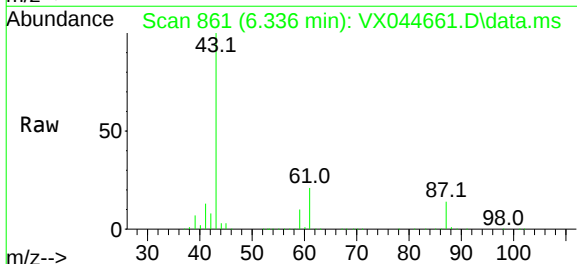
Acq: 16 Jan 2025 09:25

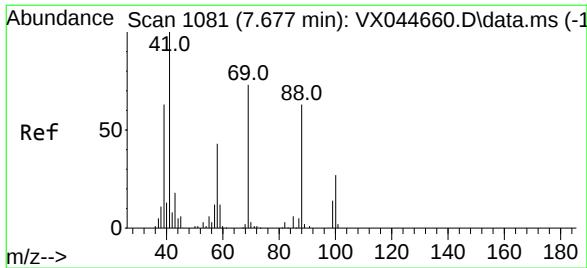
Tgt Ion: 43 Resp: 293976

Ion Ratio Lower Upper

43 100

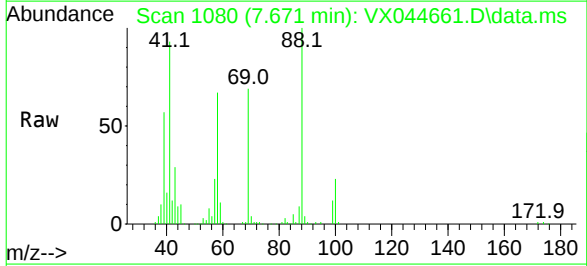
61 21.3 16.2 24.4





#45
1,4-Dioxane
Concen: 1003.041 ug/l
RT: 7.671 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

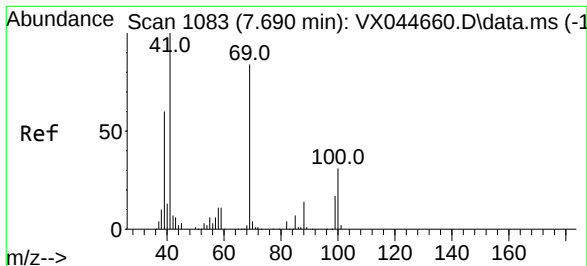
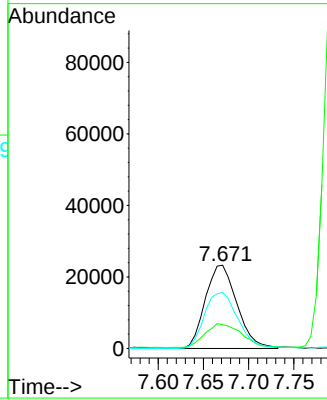
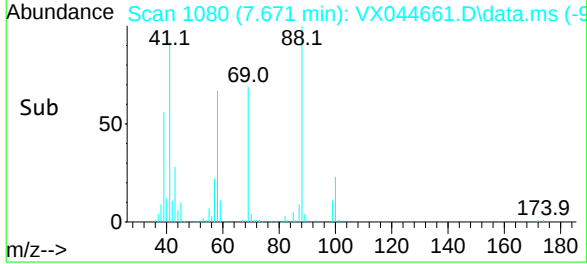
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 88 Resp: 56732
Ion Ratio Lower Upper
88 100
43 32.1 25.9 38.9
58 71.3 58.9 88.3

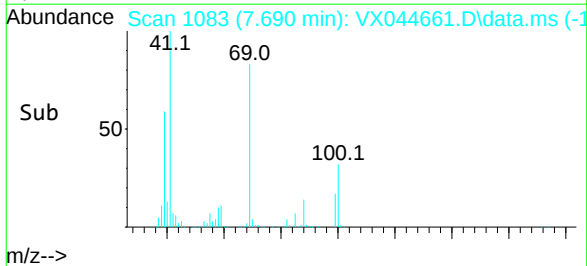
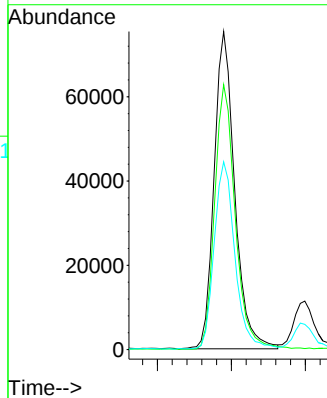
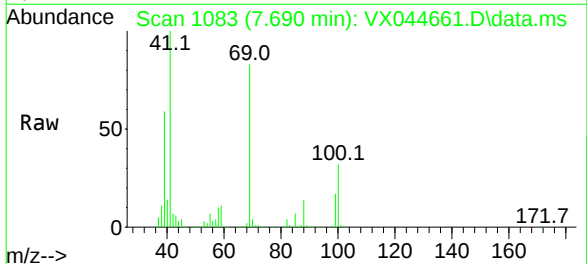
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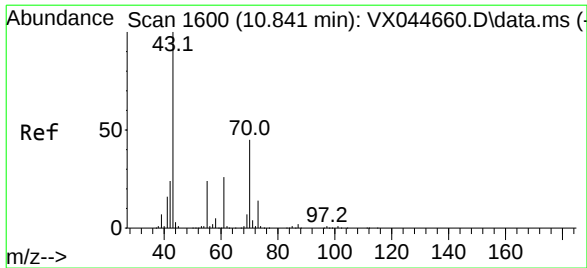
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#46
Methyl methacrylate
Concen: 50.033 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 41 Resp: 145468
Ion Ratio Lower Upper
41 100
69 83.3 41.9 125.7
39 58.8 30.1 90.3





#47

n-amy1 Acetate

Concen: 49.948 ug/l

RT: 10.841 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 248981

Ion Ratio Lower Upper

43 100

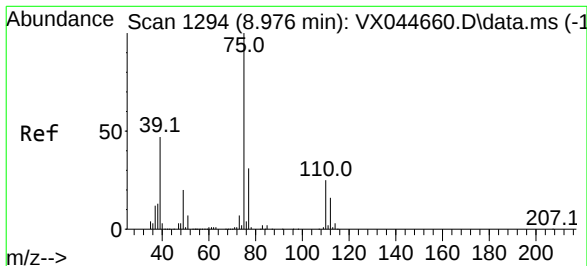
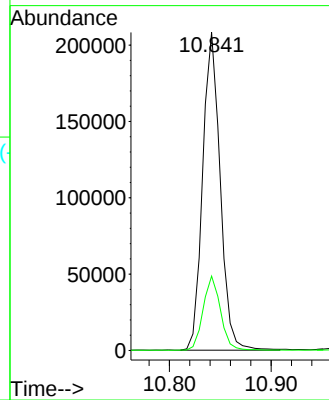
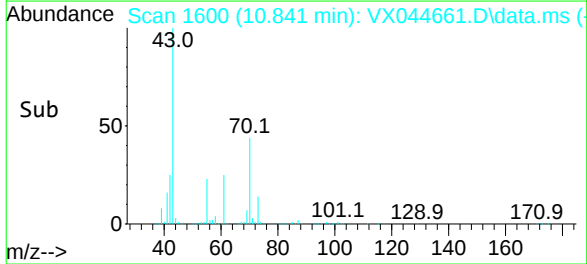
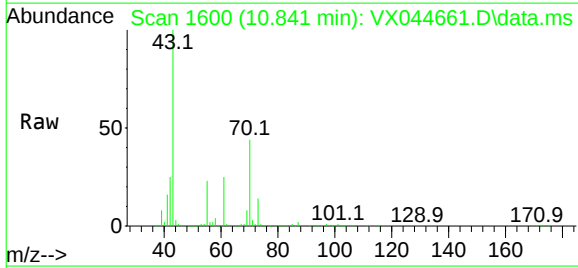
55 23.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#48

t-1,3-Dichloropropene

Concen: 50.138 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044661.D

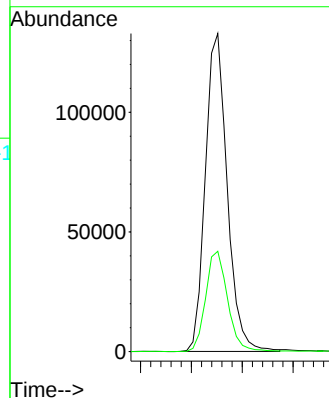
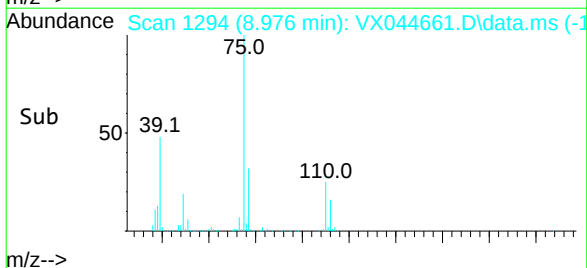
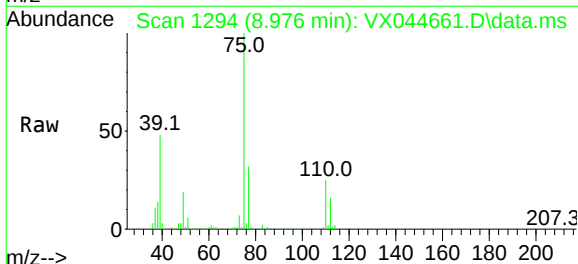
Acq: 16 Jan 2025 09:25

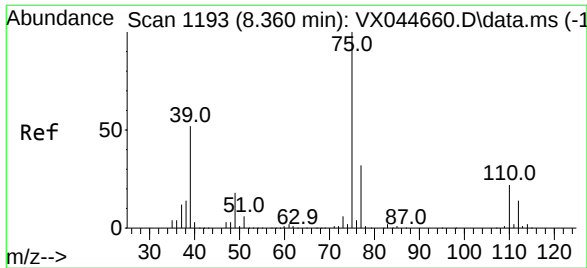
Tgt Ion: 75 Resp: 198307

Ion Ratio Lower Upper

75 100

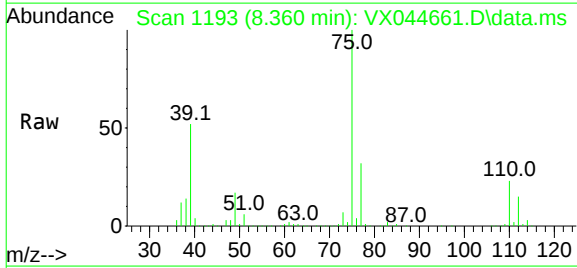
77 31.5 24.8 37.2





#49
 cis-1,3-Dichloropropene
 Concen: 49.856 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX044661.D
 Acq: 16 Jan 2025 09:25

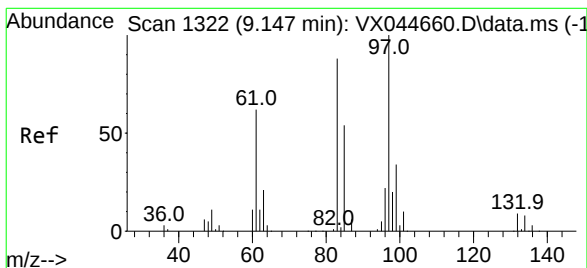
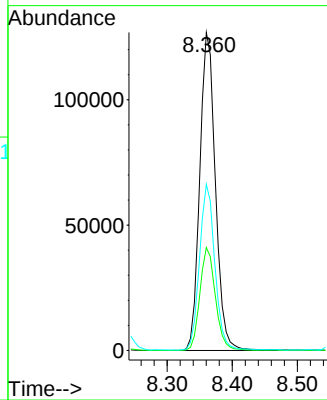
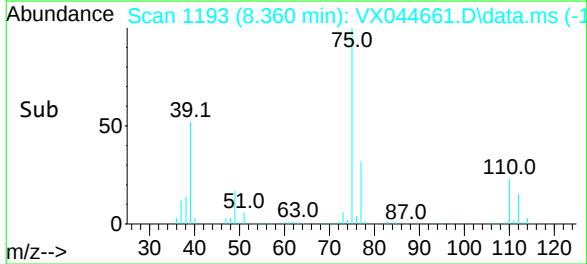
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 211446
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 52.1 41.4 62.0

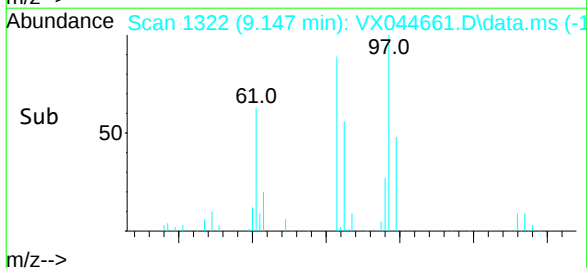
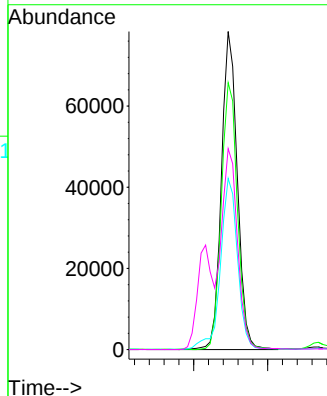
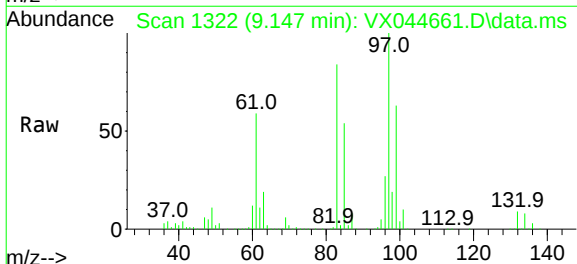
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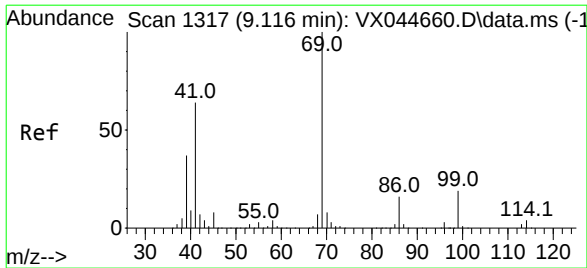
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#50
 1,1,2-Trichloroethane
 Concen: 50.024 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX044661.D
 Acq: 16 Jan 2025 09:25

Tgt Ion: 97 Resp: 117115
 Ion Ratio Lower Upper
 97 100
 83 83.8 69.2 103.8
 85 53.8 44.8 67.2
 99 63.2 52.1 78.1





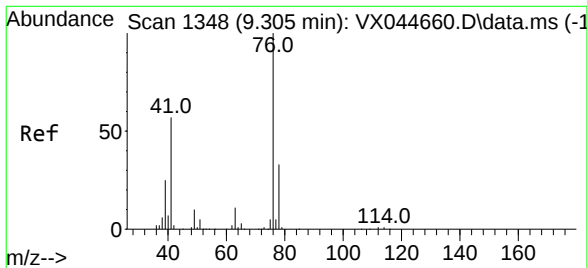
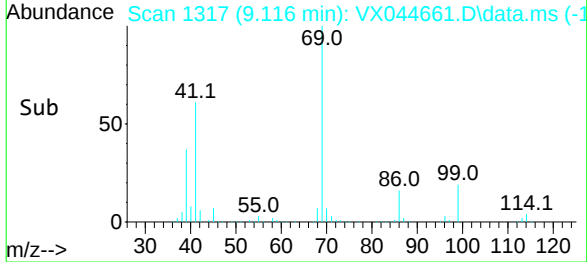
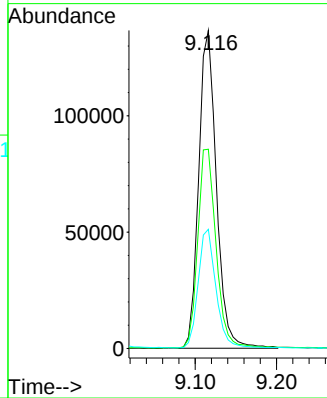
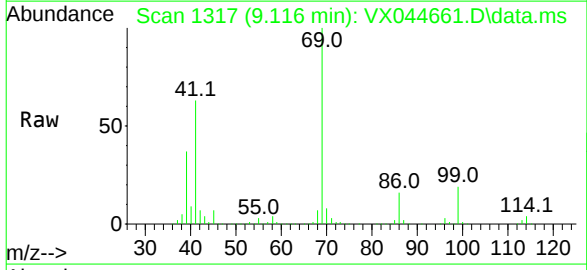
#51
Ethyl methacrylate
Concen: 50.954 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.5	32.0	96.0
39	37.3	18.6	55.6

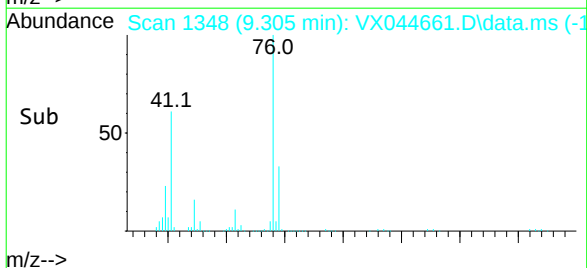
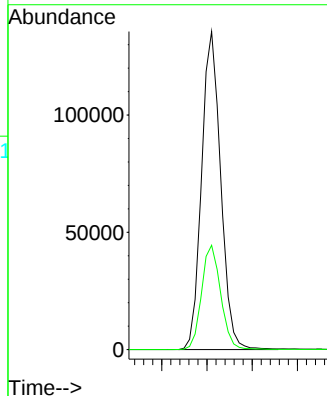
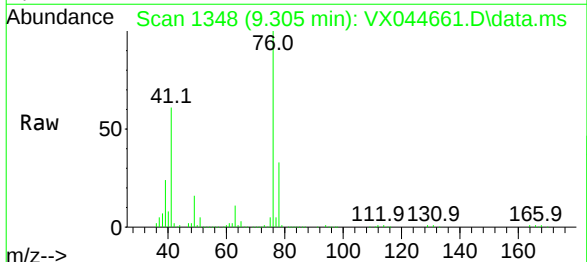
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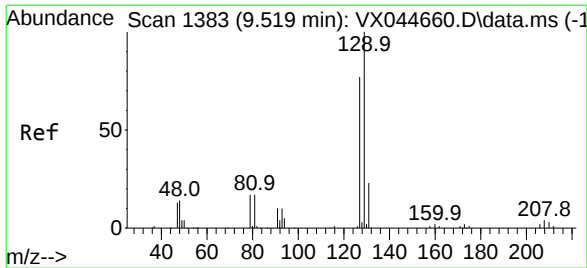
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#52
1,3-Dichloropropane
Concen: 49.275 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	64.0





#53

Dibromochloromethane

Concen: 49.404 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:129 Resp: 137982

Ion Ratio Lower Upper

129 100

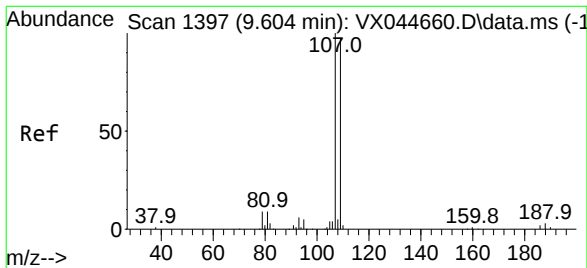
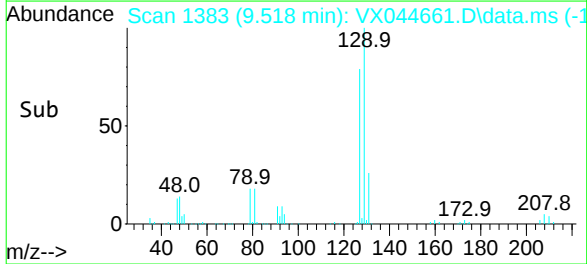
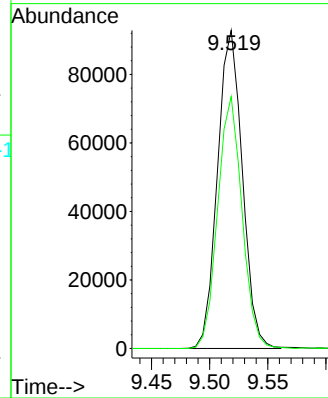
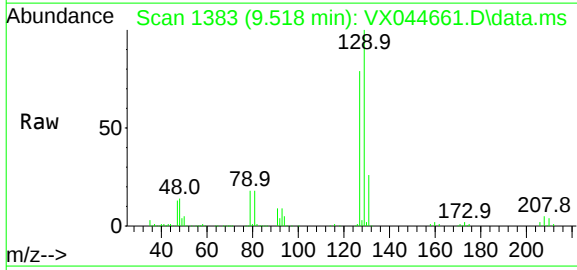
127 77.5 37.8 113.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#54

1,2-Dibromoethane

Concen: 49.646 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX044661.D

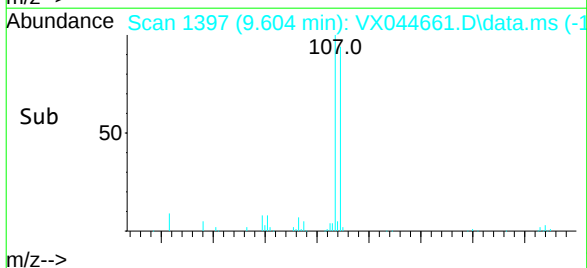
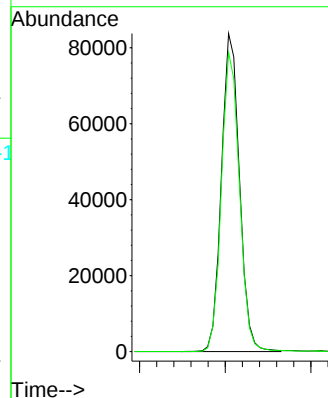
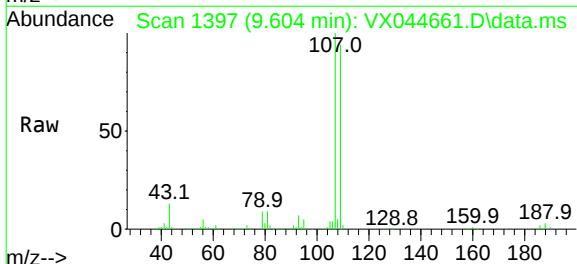
Acq: 16 Jan 2025 09:25

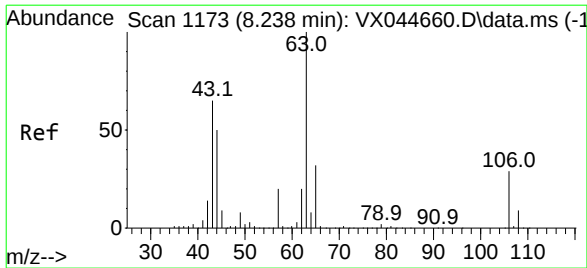
Tgt Ion:107 Resp: 122664

Ion Ratio Lower Upper

107 100

109 94.2 75.5 113.3





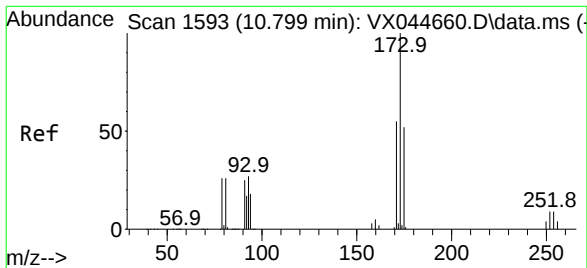
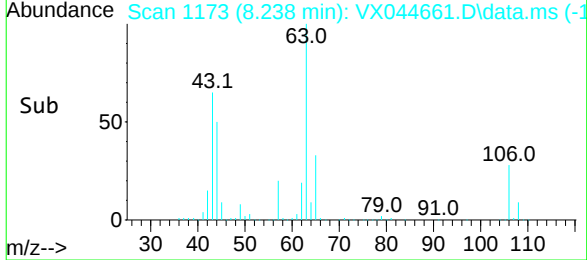
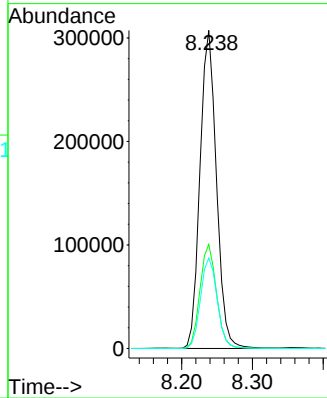
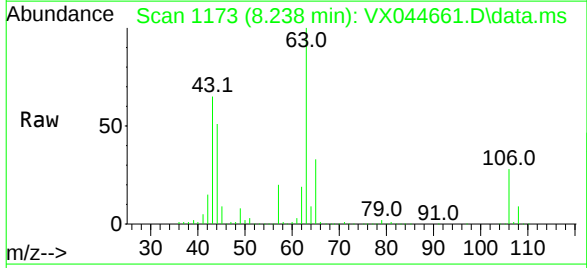
#55
2-Chloroethyl vinyl ether
Concen: 252.154 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 496129
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 28.9 23.1 34.7

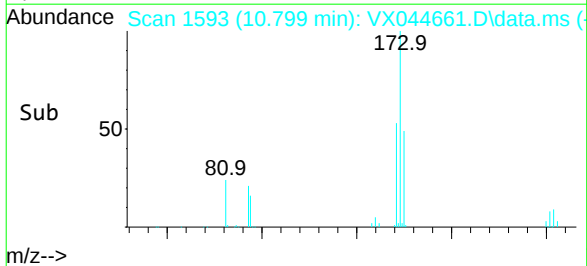
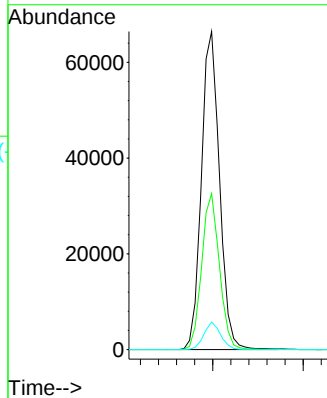
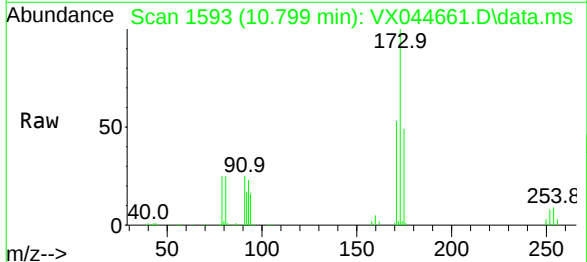
Manual Integrations
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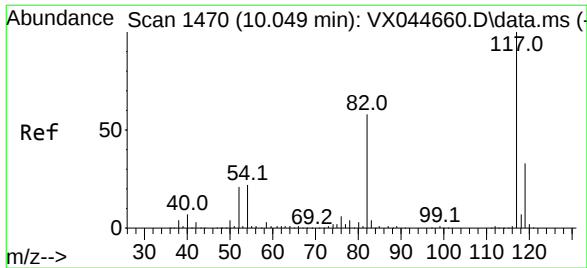
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#56
Bromoform
Concen: 49.868 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion:173 Resp: 92355
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.6
254 8.0 6.5 9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

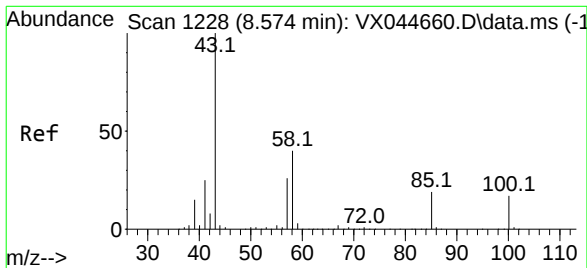
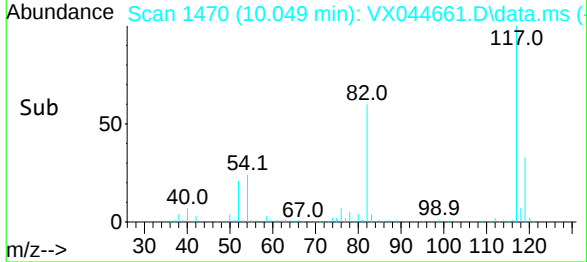
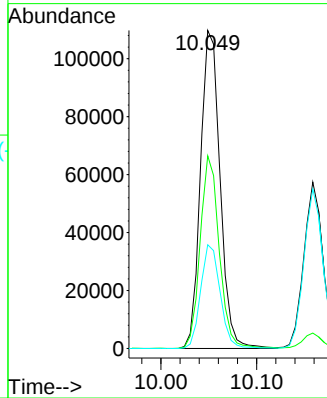
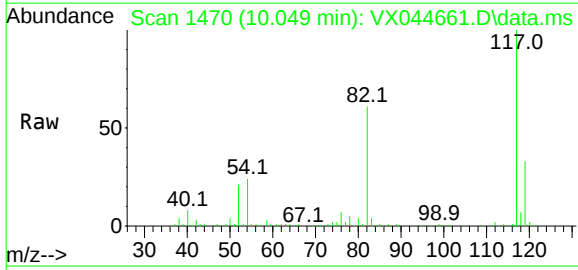
Tgt Ion:	117	Resp:	156058
Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.8	68.6
119	32.6	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#58

4-Methyl-2-Pentanone

Concen: 244.450 ug/l

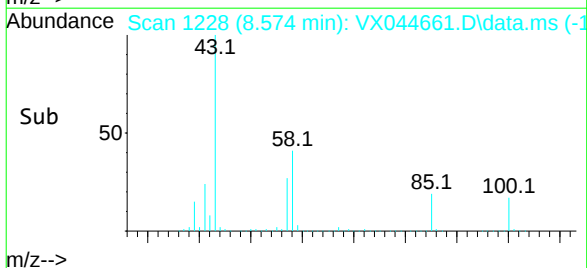
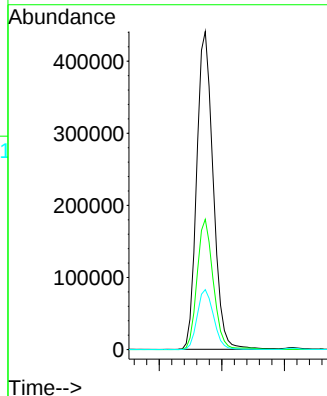
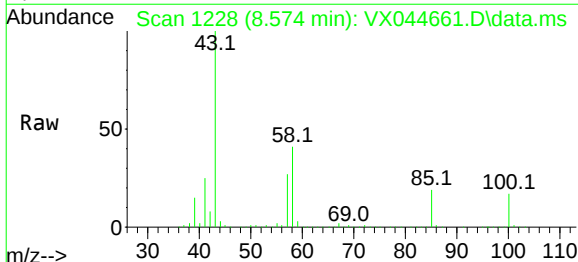
RT: 8.574 min Scan# 1228

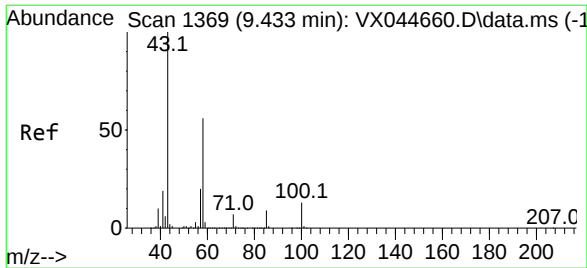
Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Tgt Ion:	43	Resp:	804113
Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.7	47.5
85	18.9	15.0	22.6





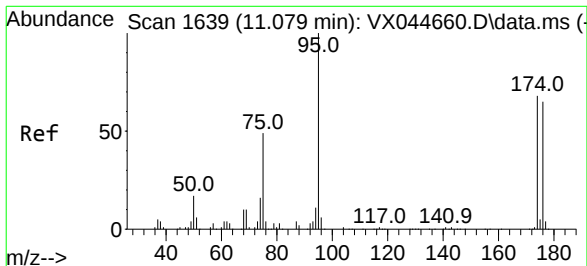
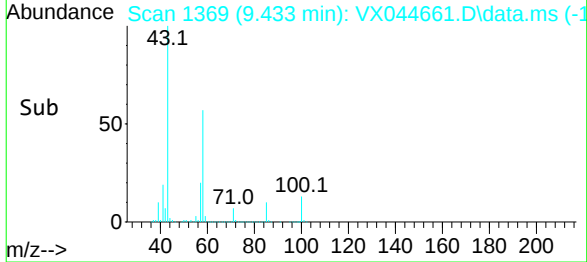
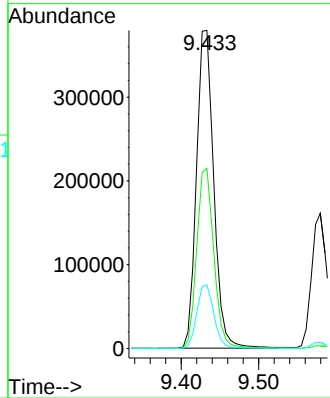
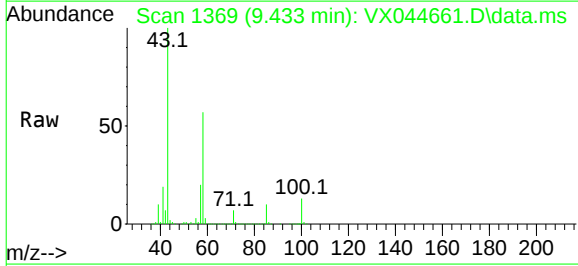
#59
2-Hexanone
Concen: 243.566 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 586563
Ion Ratio Lower Upper
43 100
58 56.1 44.4 66.6
57 20.0 15.5 23.3

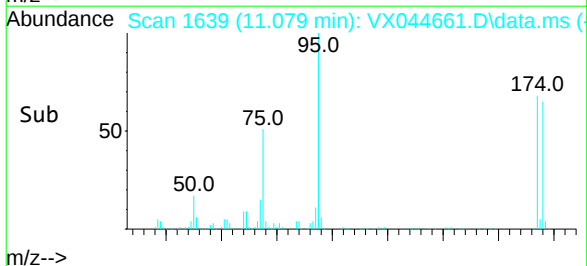
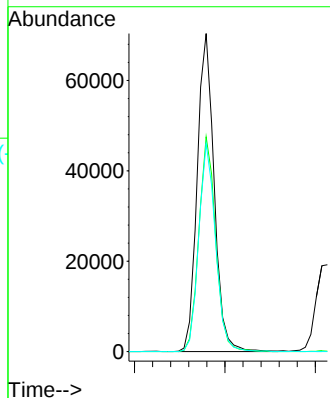
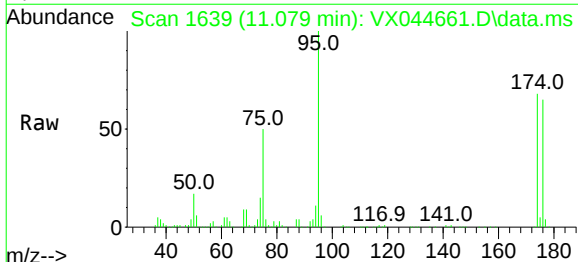
Manual Integrations
APPROVED

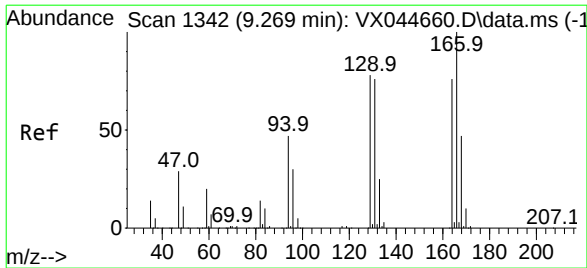
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#60
4-Bromofluorobenzene
Concen: 30.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

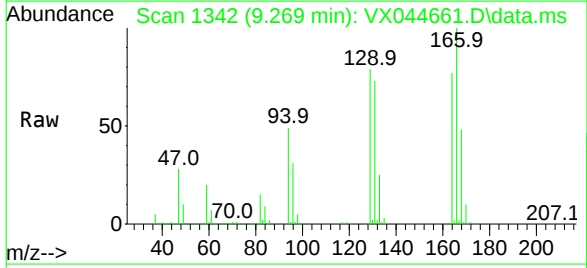
Tgt Ion: 95 Resp: 91788
Ion Ratio Lower Upper
95 100
174 66.9 54.6 81.8
176 64.6 52.8 79.2





#61
Tetrachloroethene
Concen: 48.479 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

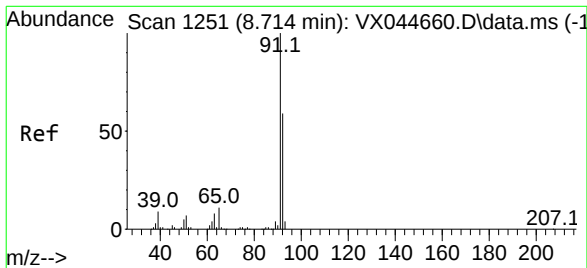
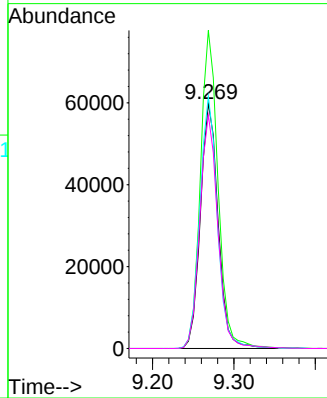
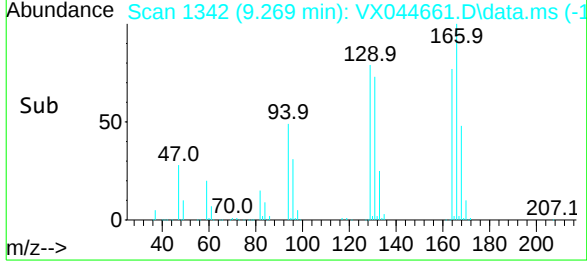
Instrument : MSVOA_X
ClientSampleId : VSTDIC050



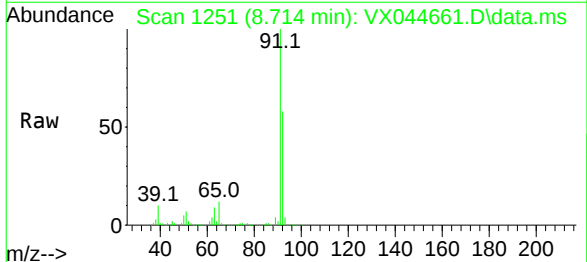
Tgt Ion: 164 Resp: 90750
Ion Ratio Lower Upper
164 100
166 130.0 105.6 158.4
129 103.0 82.8 124.2
131 95.3 80.2 120.4

Manual Integrations
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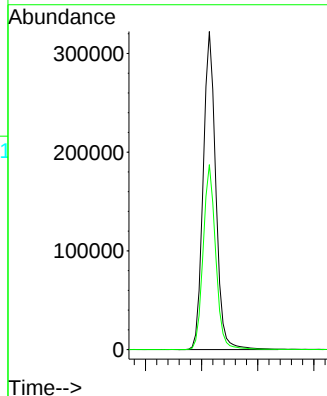
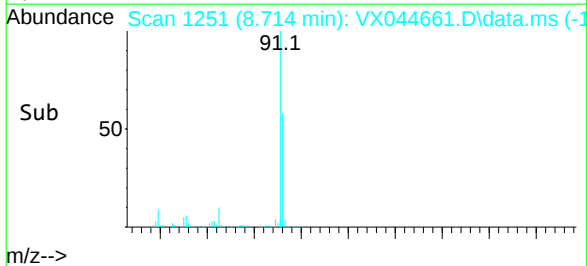
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

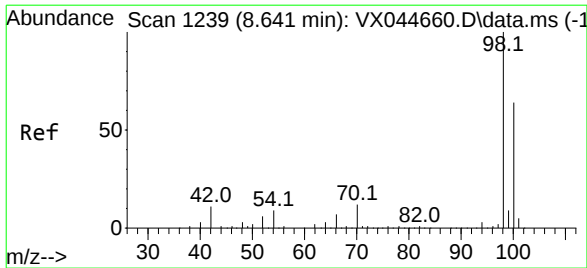


#62
Toluene
Concen: 48.978 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25



Tgt Ion: 91 Resp: 503289
Ion Ratio Lower Upper
91 100
92 57.9 47.3 70.9





#63

Toluene-d8

Concen: 29.819 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 98 Resp: 253105

Ion Ratio Lower Upper

98 100

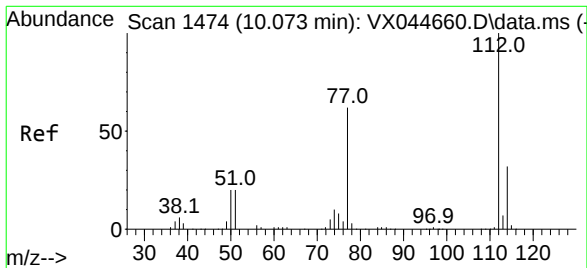
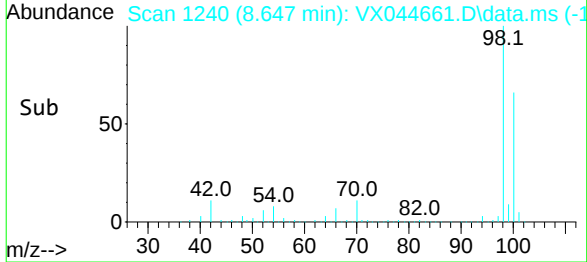
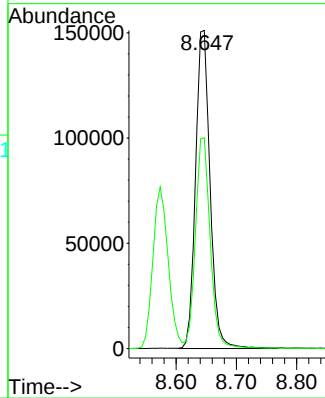
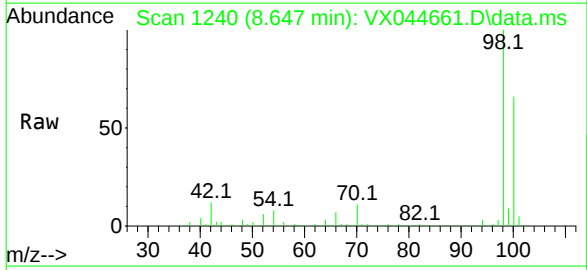
100 67.4 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#64

Chlorobenzene

Concen: 49.533 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VX044661.D

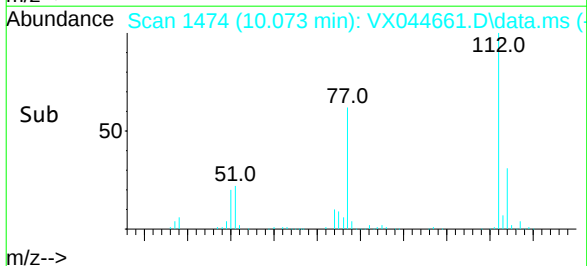
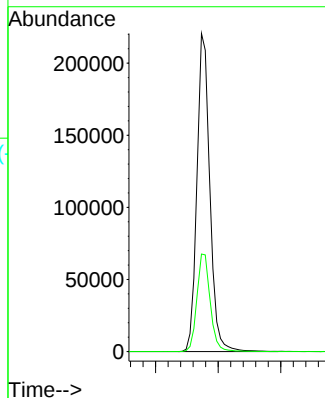
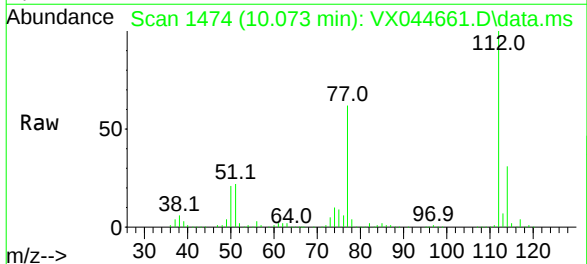
Acq: 16 Jan 2025 09:25

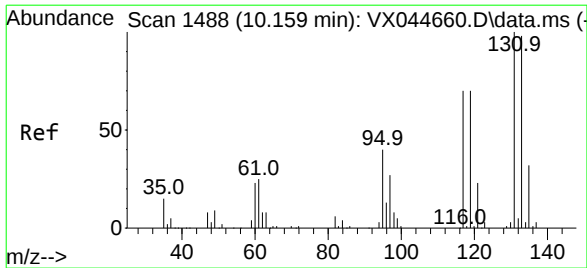
Tgt Ion:112 Resp: 316113

Ion Ratio Lower Upper

112 100

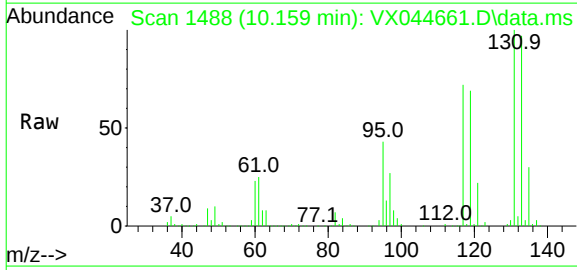
114 30.7 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 49.083 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

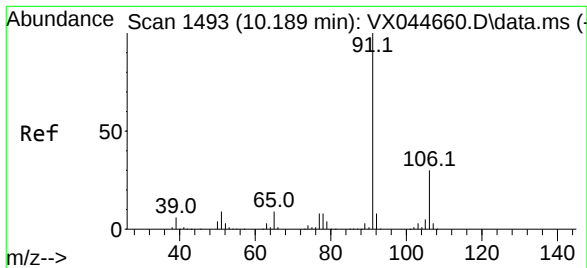
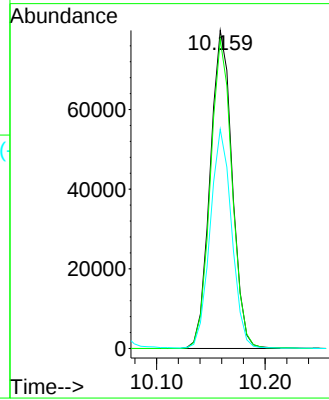
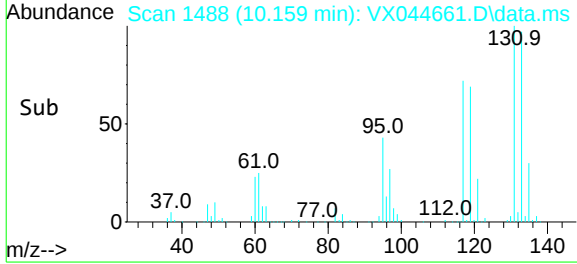
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 131 Resp: 112521
Ion Ratio Lower Upper
131 100
133 95.5 0.0 192.4
119 67.6 0.0 133.4

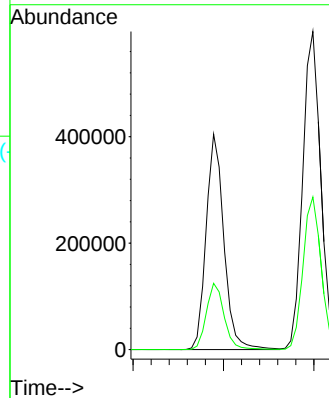
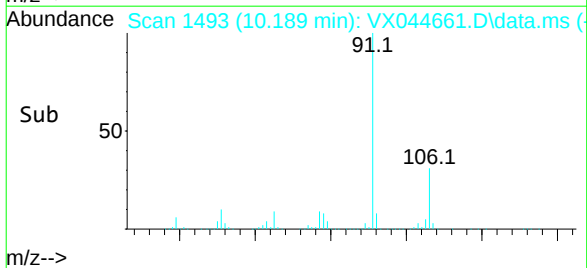
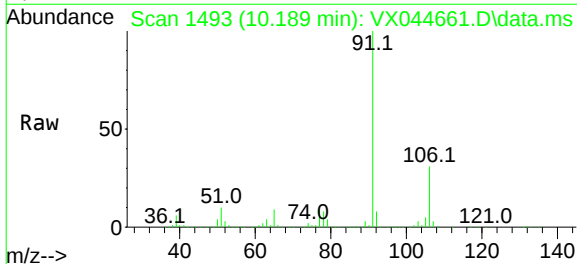
Manual Integrations
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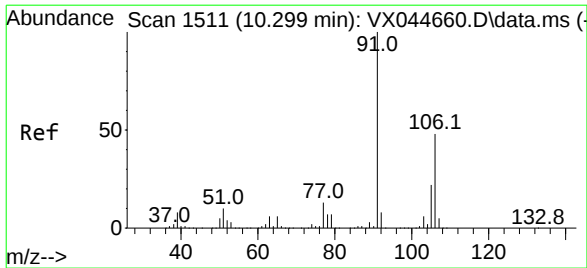
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#66
Ethyl Benzene
Concen: 49.310 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 91 Resp: 552973
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





#67

m/p-Xylenes

Concen: 98.422 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:106 Resp: 405714

Ion Ratio Lower Upper

106 100

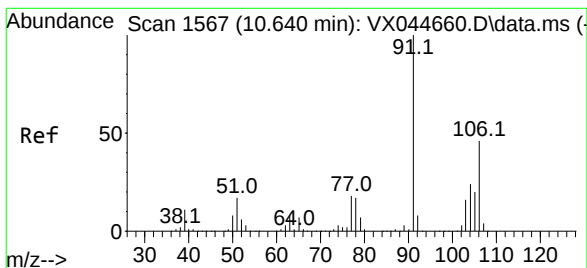
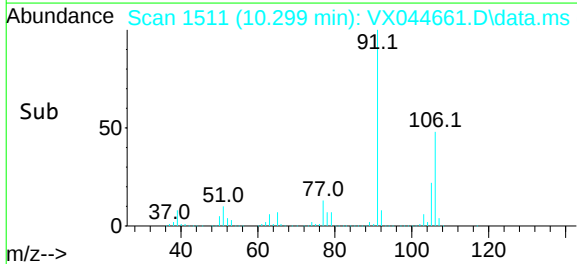
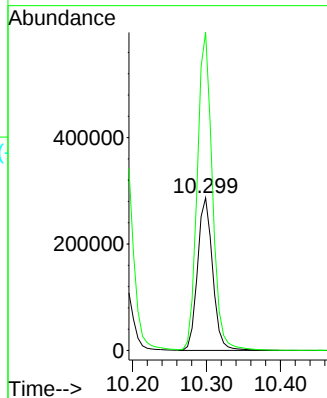
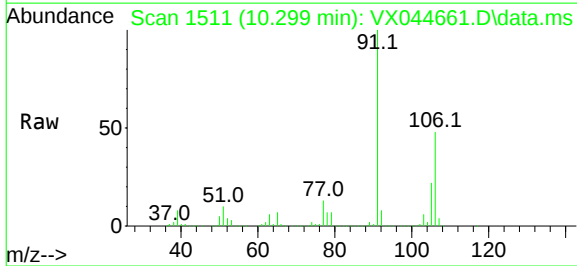
91 207.7 166.8 250.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#68

o-Xylene

Concen: 49.454 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044661.D

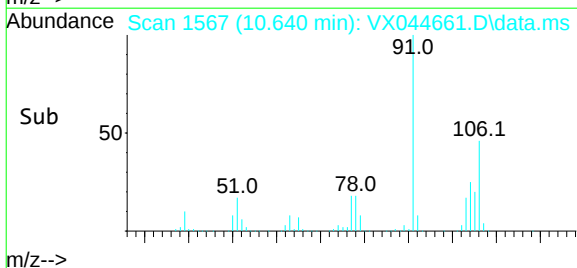
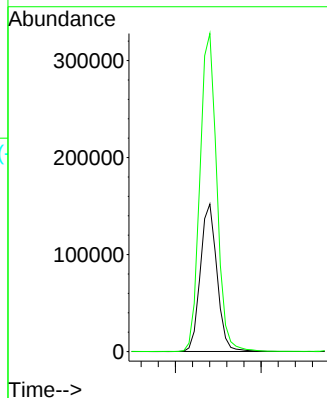
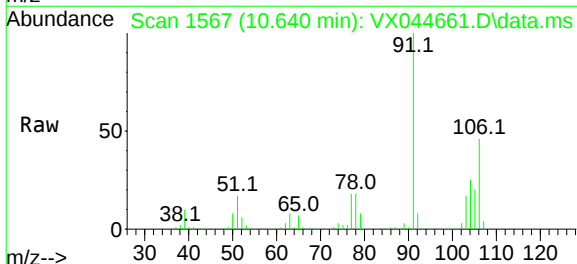
Acq: 16 Jan 2025 09:25

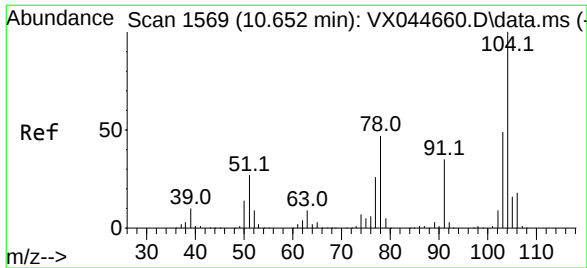
Tgt Ion:106 Resp: 204604

Ion Ratio Lower Upper

106 100

91 218.7 109.7 329.1





#69

Styrene

Concen: 49.440 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

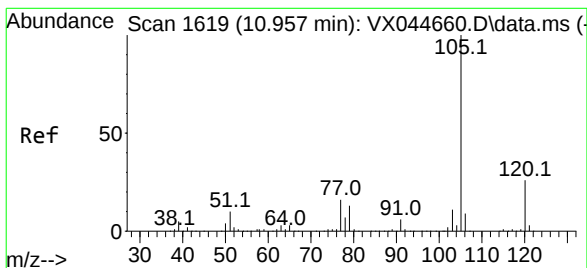
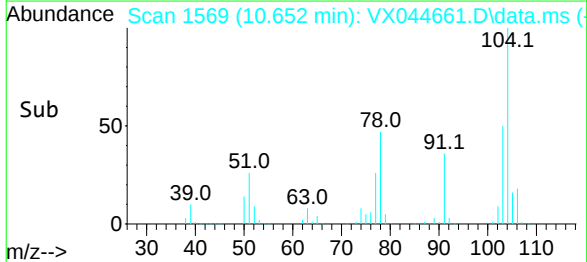
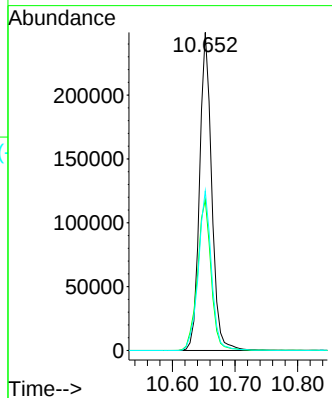
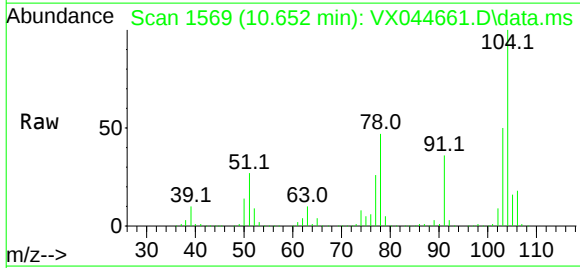
VSTDIC050

Tgt Ion:	104	Resp:	335834
Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.0	63.0
103	54.2	43.1	64.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#70

Isopropylbenzene

Concen: 48.560 ug/l

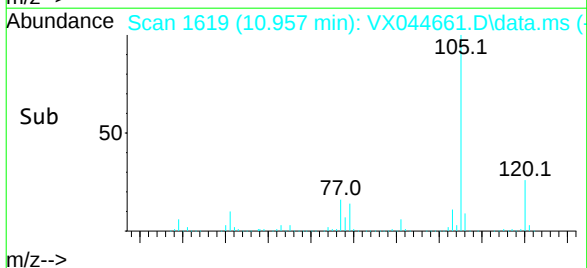
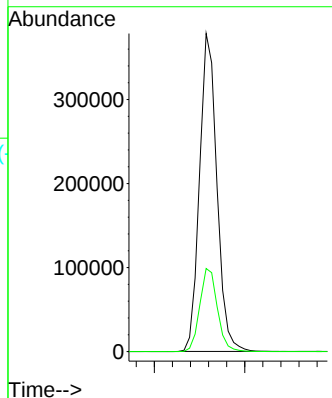
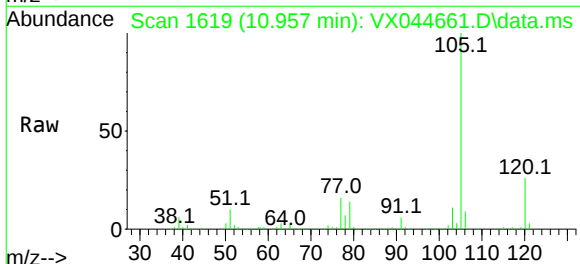
RT: 10.957 min Scan# 1619

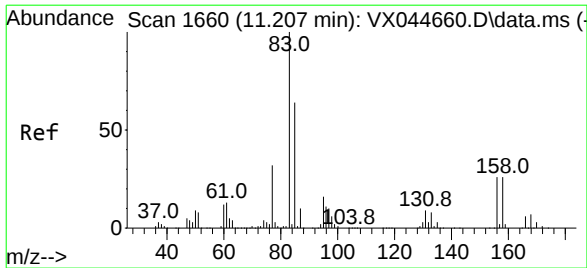
Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Tgt Ion:	105	Resp:	505061
Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 48.244 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

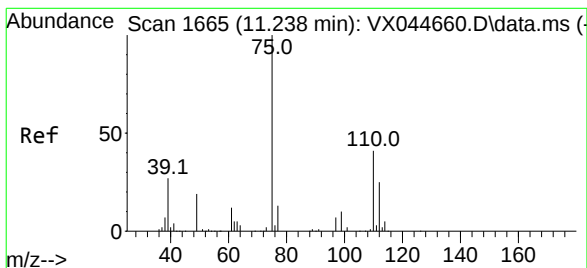
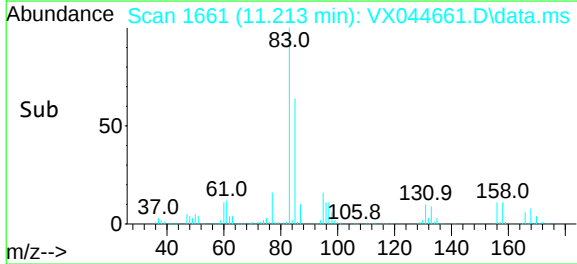
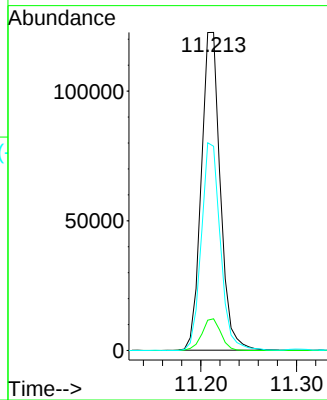
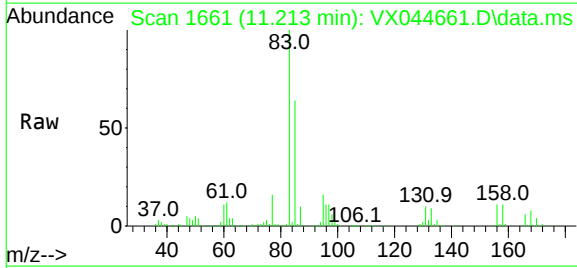
VSTDICC050

Tgt Ion: 83	Resp: 168965
Ion Ratio	Lower Upper
83 100	
131 10.0	5.0 14.9
85 65.6	33.0 99.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#72

1,2,3-Trichloropropane

Concen: 49.476 ug/l m

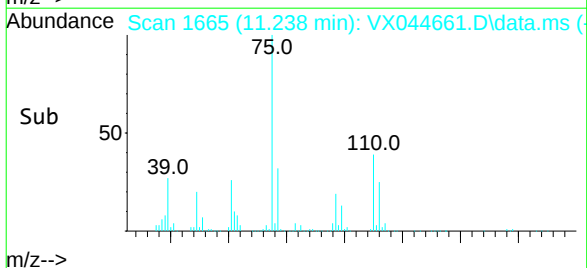
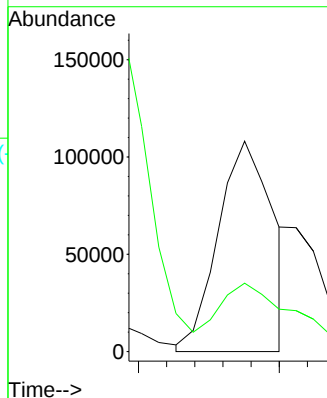
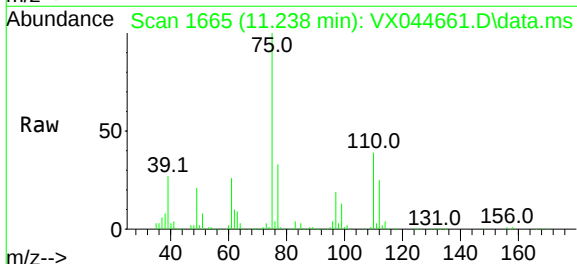
RT: 11.238 min Scan# 1665

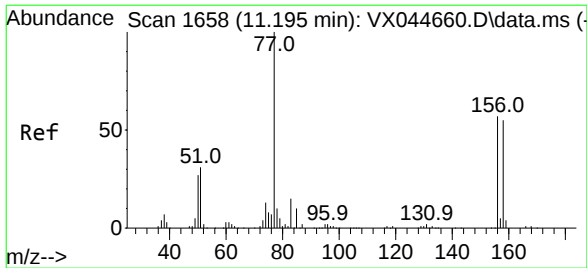
Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Tgt Ion: 75	Resp: 145534
Ion Ratio	Lower Upper
75 100	
77 45.7	0.0 83.0





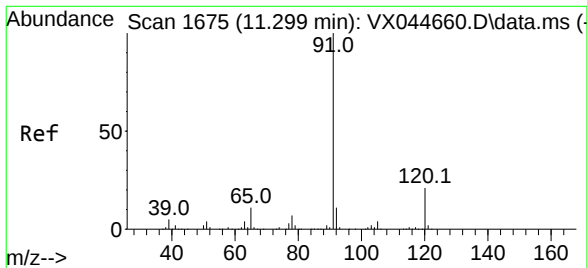
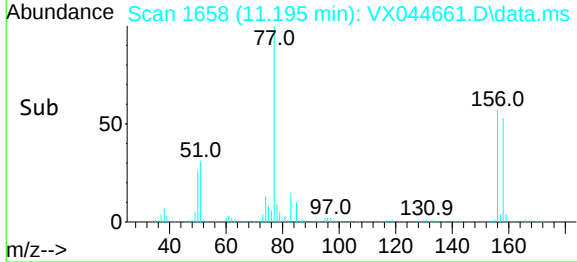
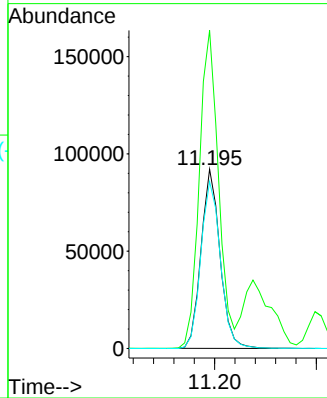
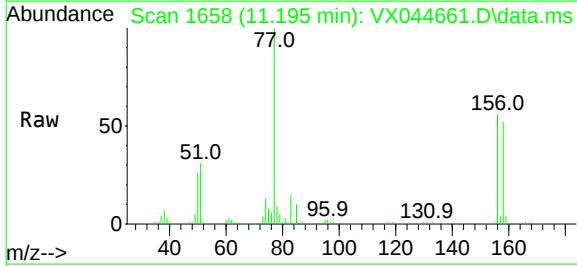
#73
Bromobenzene
Concen: 49.194 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 119195
Ion Ratio Lower Upper
156 100
77 179.5 0.0 354.6
158 96.7 0.0 193.6

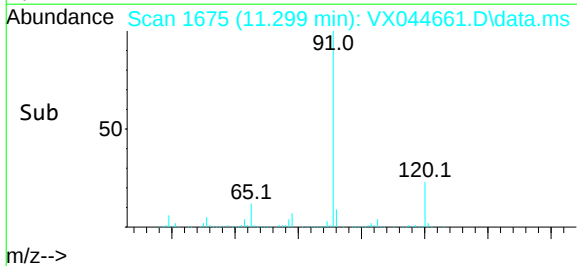
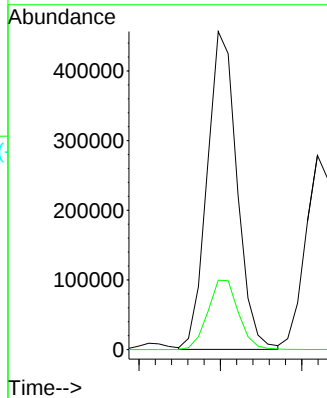
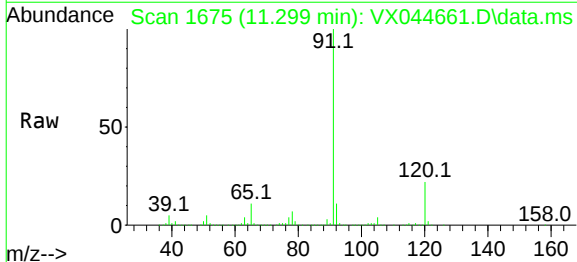
Manual Integrations
APPROVED

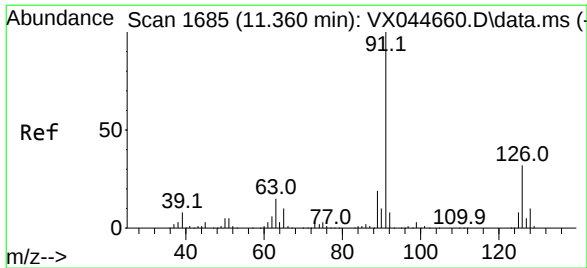
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#74
n-propylbenzene
Concen: 49.219 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion: 91 Resp: 581862
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0





#75

2-Chlorotoluene

Concen: 49.004 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 91 Resp: 364136

Ion Ratio Lower Upper

91 100

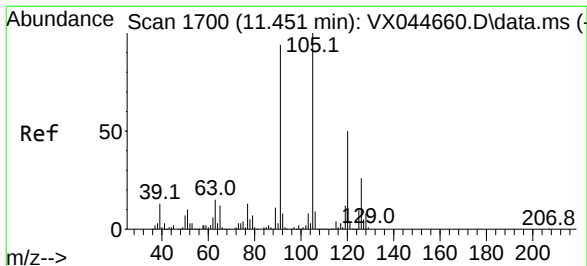
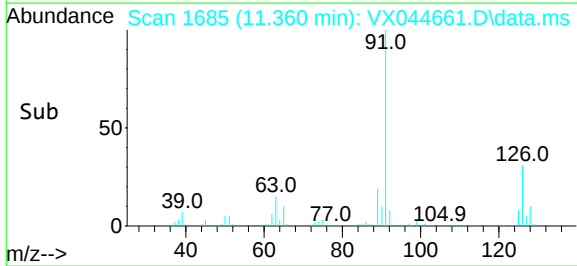
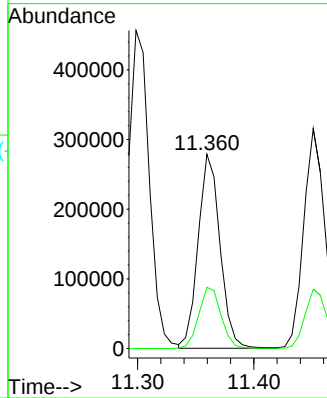
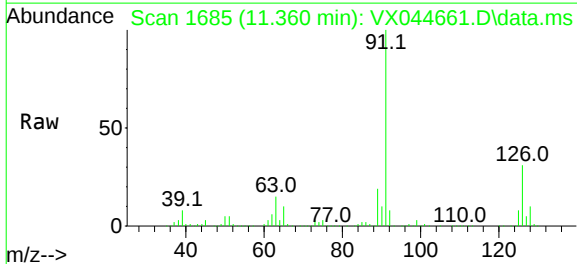
126 32.2 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#76

1,3,5-Trimethylbenzene

Concen: 49.342 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044661.D

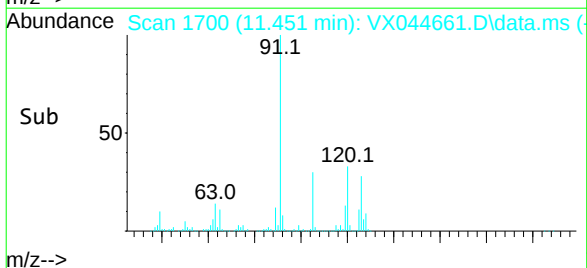
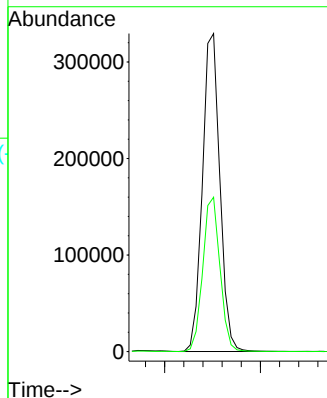
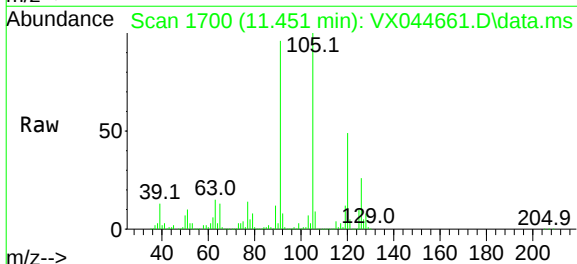
Acq: 16 Jan 2025 09:25

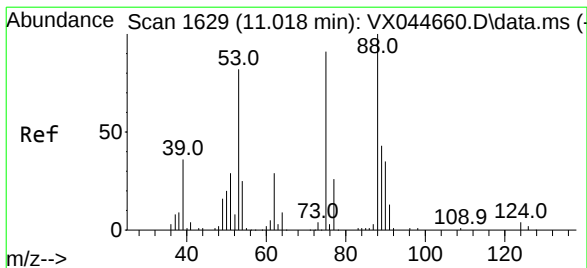
Tgt Ion:105 Resp: 416769

Ion Ratio Lower Upper

105 100

120 48.1 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 48.369 ug/l

RT: 11.018 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

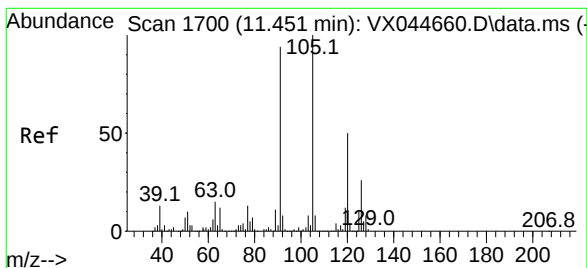
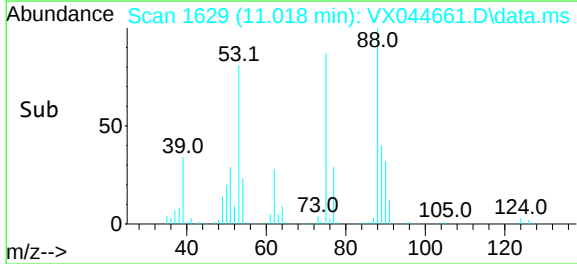
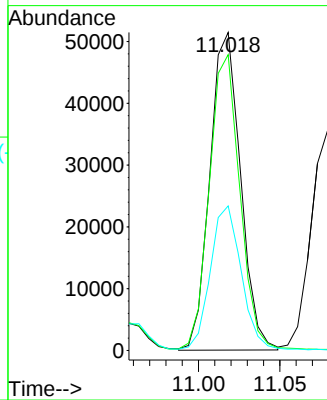
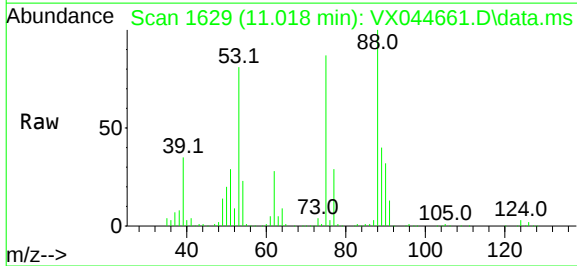
VSTDICC050

Tgt Ion:	75	Resp:	67311
Ion	Ratio	Lower	Upper
75	100		
53	93.0	45.3	135.9
89	45.3	23.8	71.2

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#78

4-Chlorotoluene

Concen: 49.323 ug/l

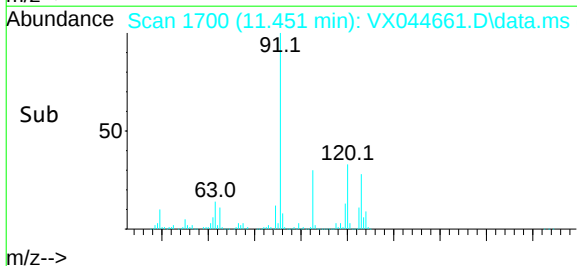
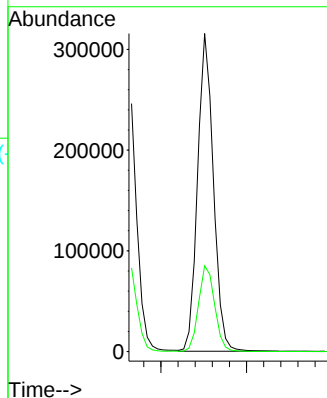
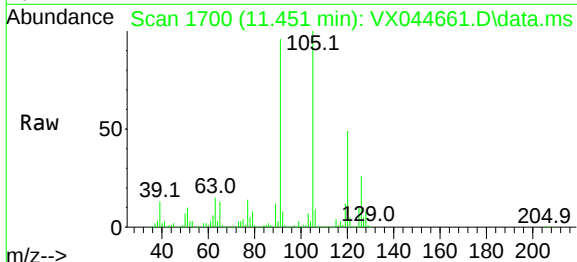
RT: 11.451 min Scan# 1700

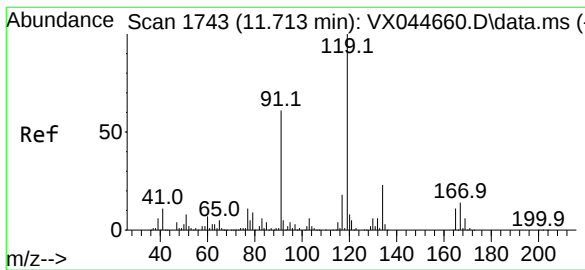
Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Tgt Ion:	91	Resp:	403646
Ion	Ratio	Lower	Upper
91	100		
126	27.4	0.0	55.4





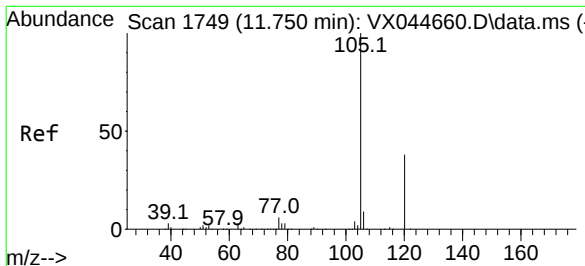
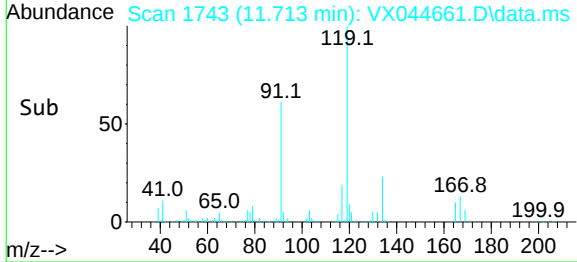
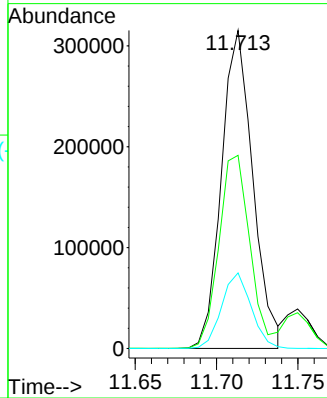
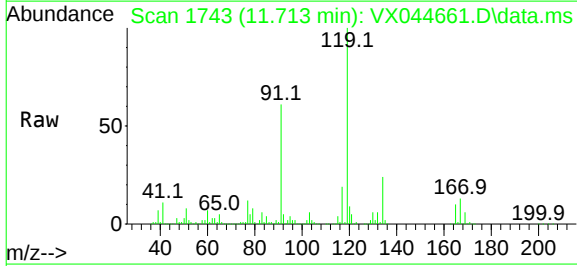
#79
tert-butylbenzene
Concen: 48.705 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:119 Resp: 422625
Ion Ratio Lower Upper
119 100
91 59.3 0.0 119.0
134 22.5 0.0 44.8

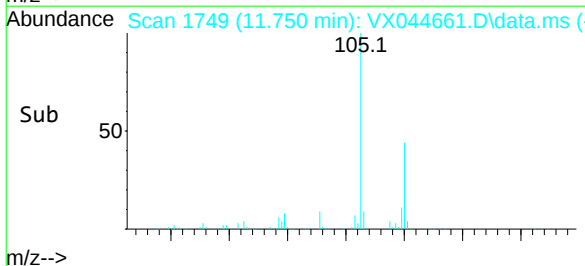
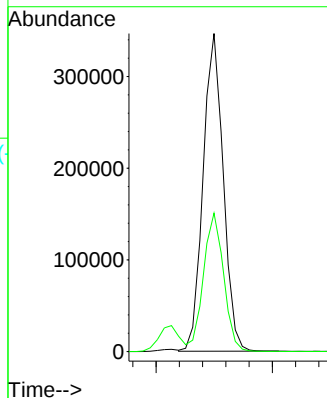
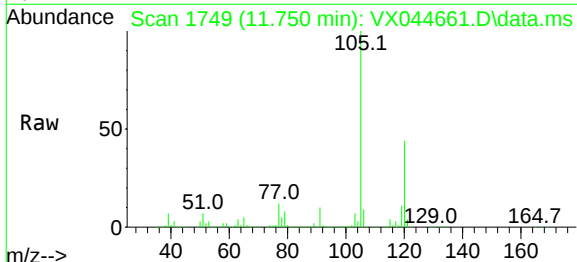
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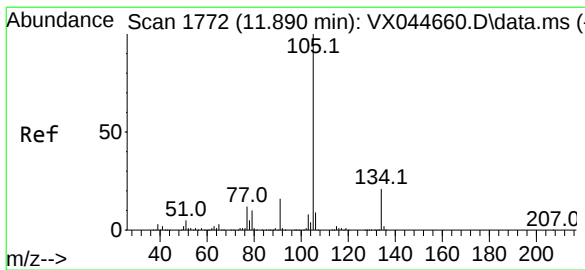
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#80
1,2,4-Trimethylbenzene
Concen: 48.906 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion:105 Resp: 416772
Ion Ratio Lower Upper
105 100
120 43.7 0.0 88.4





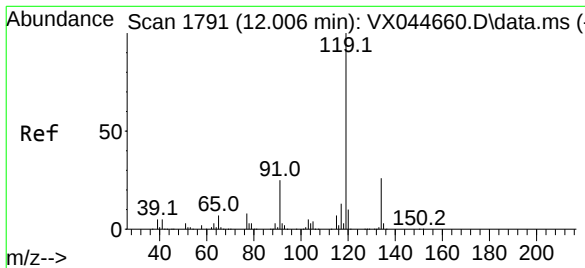
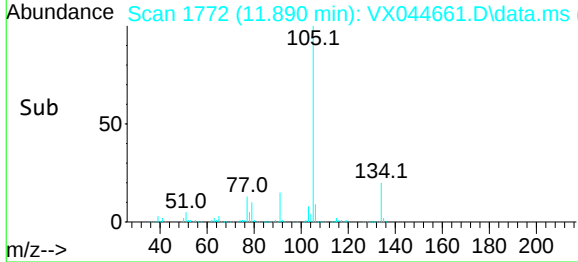
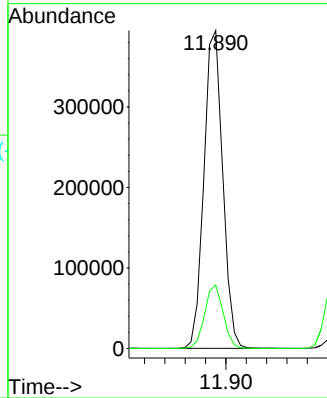
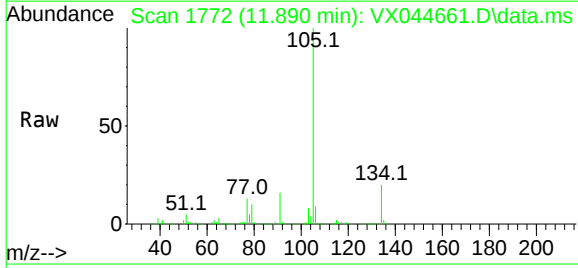
#81
 sec-Butylbenzene
 Concen: 48.863 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044661.D
 Acq: 16 Jan 2025 09:25

Instrument : MSVOA_X
 ClientSampleId : VSTDIC050

Tgt Ion:105 Resp: 506286
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.6

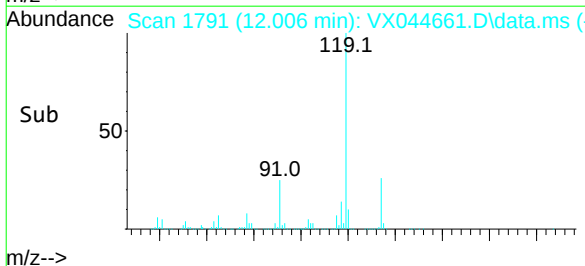
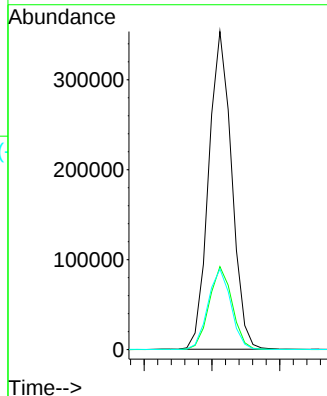
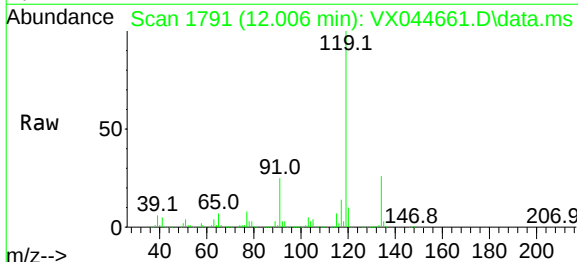
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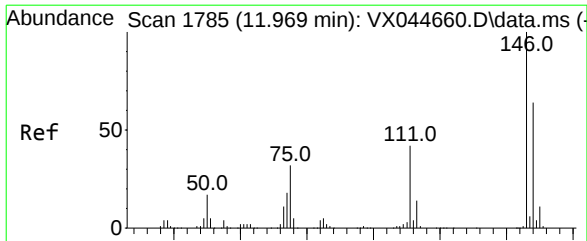
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#82
 p-Isopropyltoluene
 Concen: 48.855 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044661.D
 Acq: 16 Jan 2025 09:25

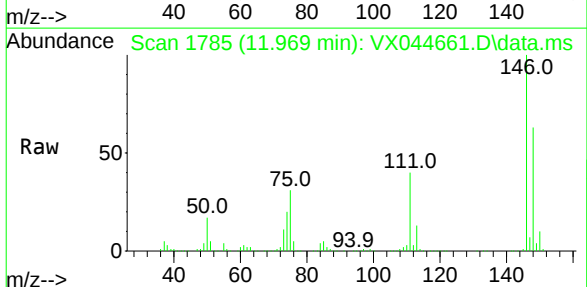
Tgt Ion:119 Resp: 416615
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 25.3 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 49.501 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

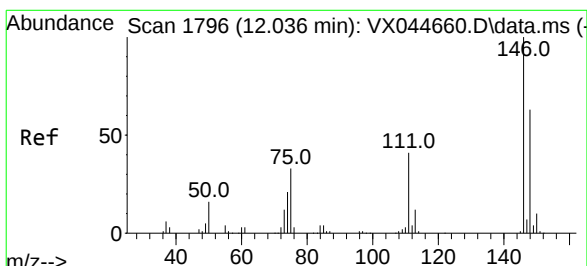
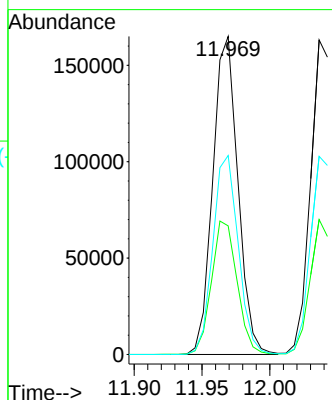
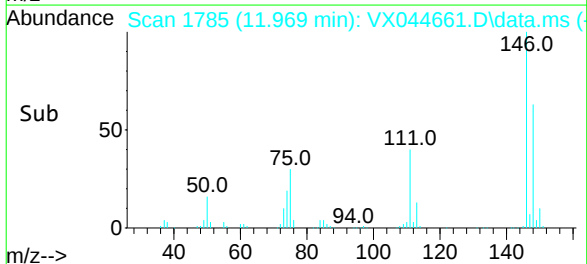
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:146 Resp: 213035
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 63.3 31.6 94.7

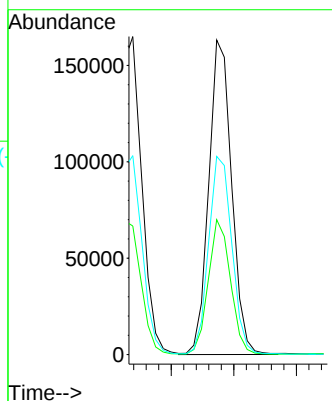
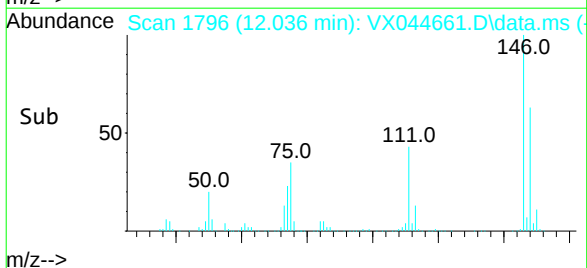
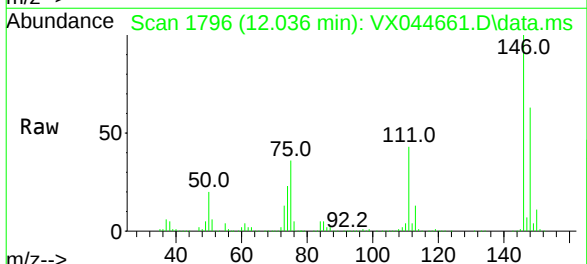
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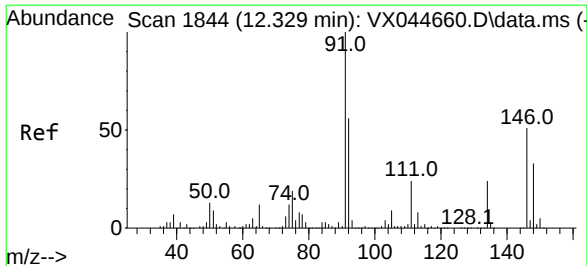
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#84
1,4-Dichlorobenzene
Concen: 49.151 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion:146 Resp: 207367
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.5
148 64.5 32.1 96.5





#85

n-Butylbenzene

Concen: 49.510 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

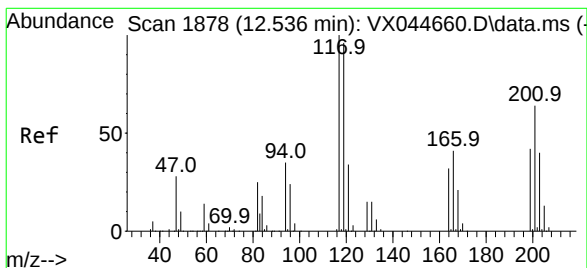
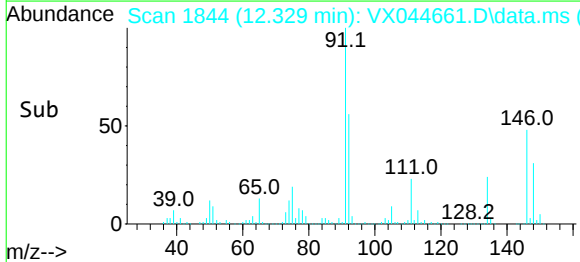
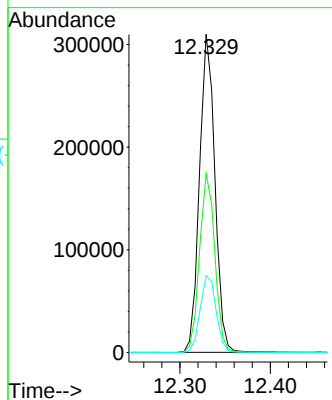
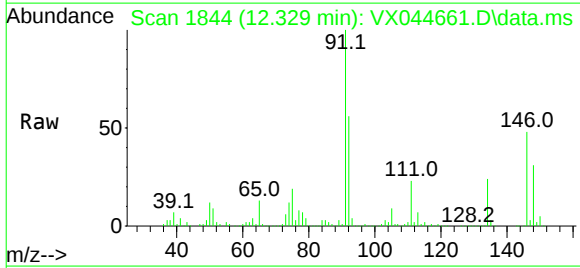
VSTDICC050

Tgt Ion:	91	Resp:	365981
Ion	Ratio	Lower	Upper
91	100		
92	56.0	0.0	109.4
134	25.2	0.0	49.2

Manual Integrations

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#86

Hexachloroethane

Concen: 47.953 ug/l

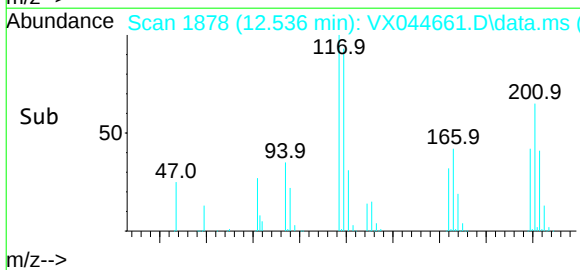
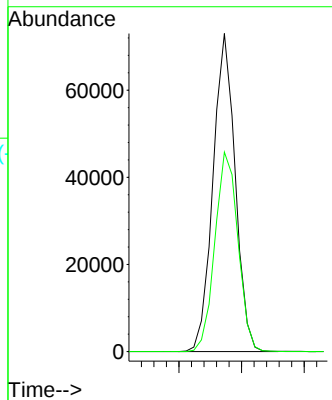
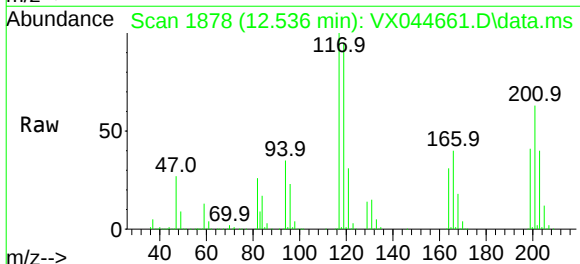
RT: 12.536 min Scan# 1878

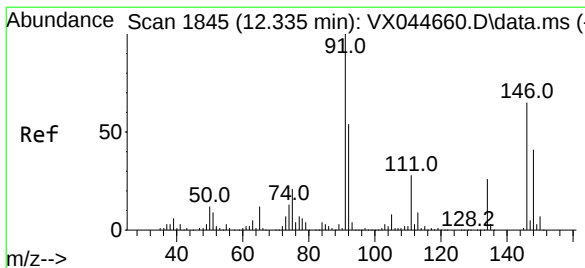
Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Tgt Ion:	117	Resp:	89957
Ion	Ratio	Lower	Upper
117	100		
201	65.1	33.0	98.9





#87

1,2-Dichlorobenzene

Concen: 49.399 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044661.D

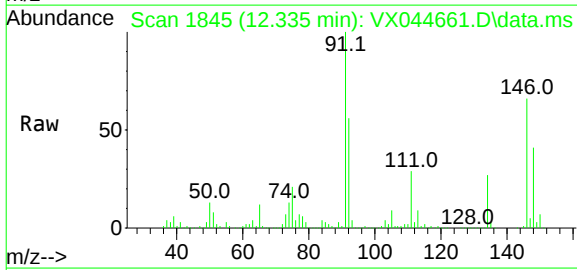
Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



Tgt Ion:146 Resp: 212294

Ion Ratio Lower Upper

146 100

111 44.7 22.2 66.6

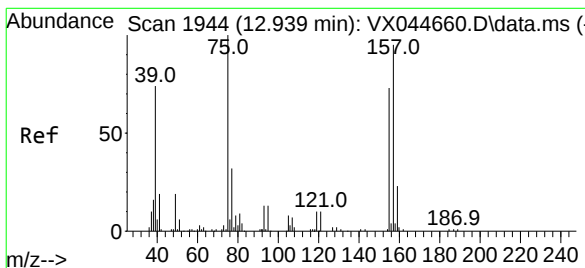
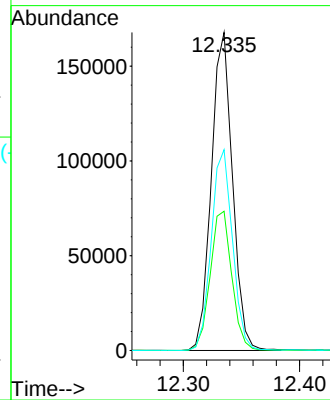
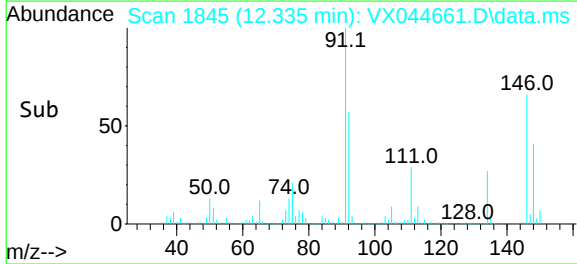
148 63.5 32.1 96.3

Manual Integrations

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#88

1,2-Dibromo-3-Chloropropane

Concen: 47.378 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

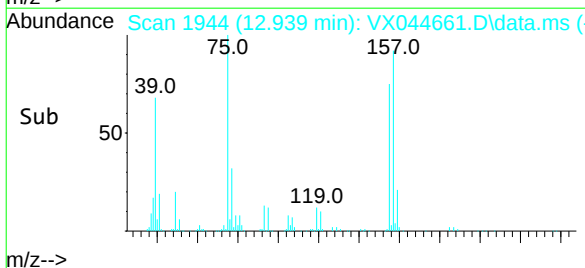
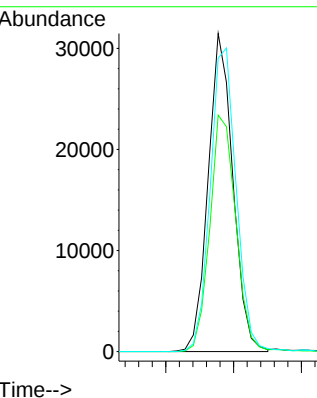
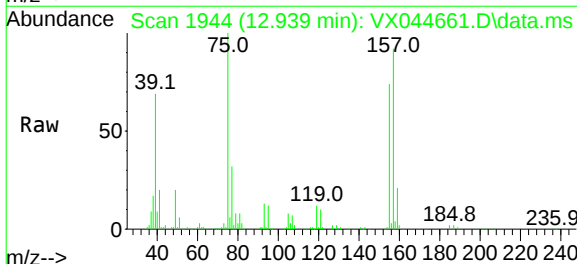
Tgt Ion: 75 Resp: 39899

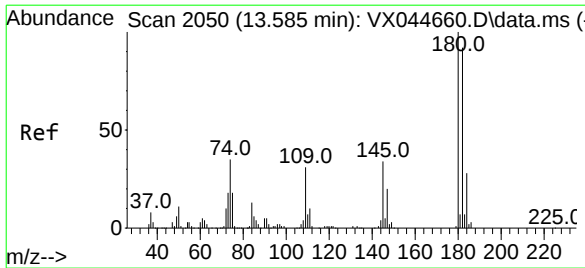
Ion Ratio Lower Upper

75 100

155 77.7 62.3 93.5

157 100.2 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 49.284 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:180 Resp: 131622

Ion Ratio Lower Upper

180 100

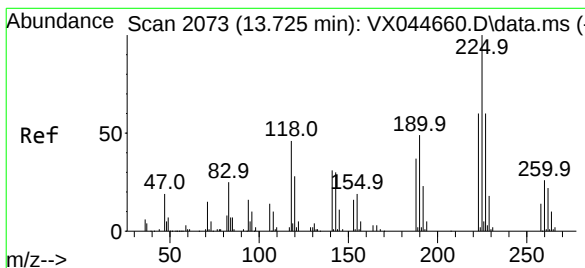
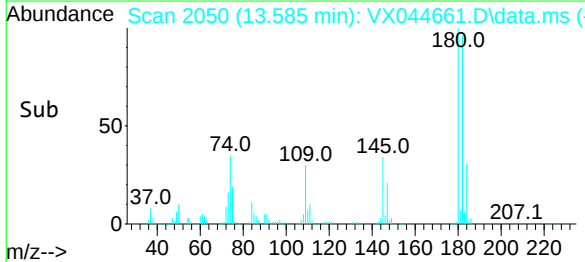
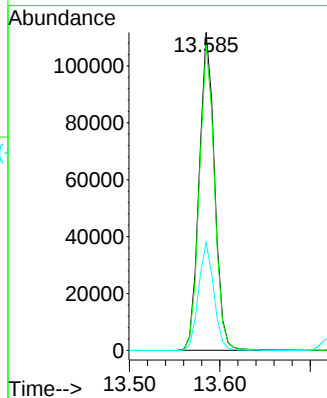
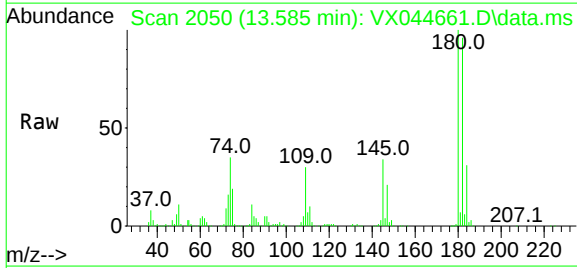
182 95.2 75.6 113.4

145 33.7 26.6 40.0

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#90

Hexachlorobutadiene

Concen: 47.882 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044661.D

Acq: 16 Jan 2025 09:25

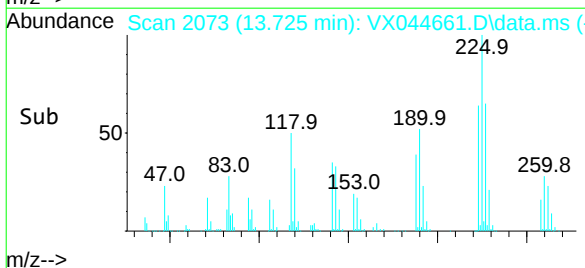
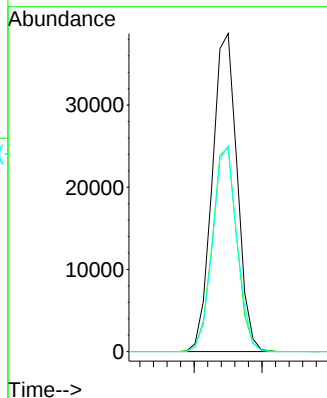
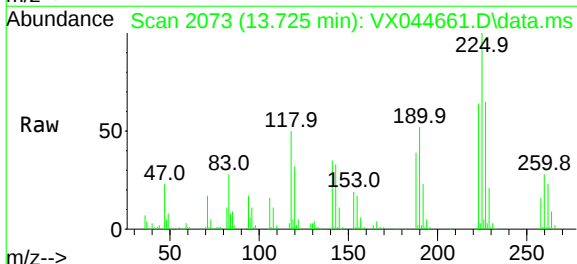
Tgt Ion:225 Resp: 49464

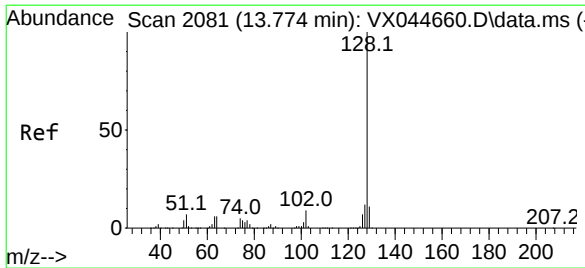
Ion Ratio Lower Upper

225 100

223 63.2 0.0 123.0

227 63.1 0.0 124.2





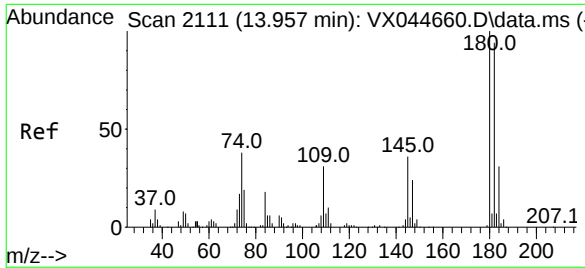
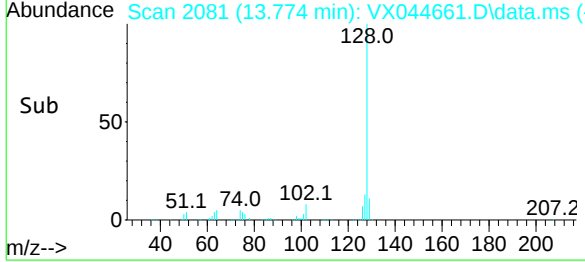
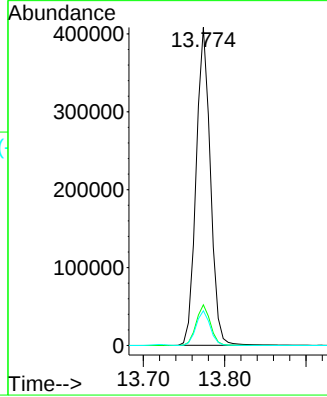
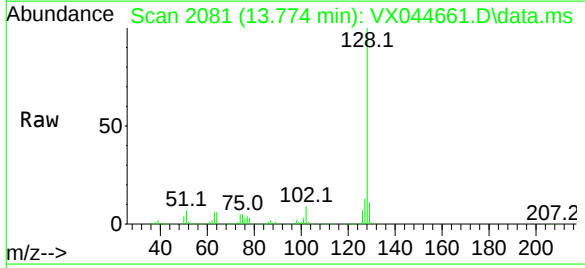
#91
Naphthalene
Concen: 49.597 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 495557
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 9.0 13.6

Manual Integrations
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Supervised By :Semsettin Yesilyurt 01/17/2025



#92
1,2,3-Trichlorobenzene
Concen: 49.560 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX044661.D
Acq: 16 Jan 2025 09:25

Tgt Ion:180 Resp: 134623
Ion Ratio Lower Upper
180 100
182 94.7 0.0 187.8
145 35.7 0.0 69.8

