

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017471.D
 Acq On : 23 Feb 2024 17:57
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 24 04:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	241922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145911	87.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 175.380%#	
35) Dibromofluoromethane	7.722	113	166488	88.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 176.780%#	
50) Toluene-d8	10.185	98	629931	95.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 191.300%#	
62) 4-Bromofluorobenzene	12.483	95	203516	98.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 196.660%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	106458	82.203	ug/l	98
3) Chloromethane	2.107	50	197177	83.328	ug/l	98
4) Vinyl Chloride	2.247	62	257588	84.854	ug/l	99
5) Bromomethane	2.638	94	204831	82.799	ug/l	97
6) Chloroethane	2.784	64	166180	86.777	ug/l	98
7) Trichlorofluoromethane	3.113	101	272249	87.995	ug/l	93
8) Diethyl Ether	3.528	74	84013	92.582	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	154758	86.962	ug/l	99
10) Methyl Iodide	4.082	142	197466	98.872	ug/l	100
11) Tert butyl alcohol	4.960	59	53699	379.937	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	150154	90.536	ug/l	97
13) Acrolein	3.723	56	92655	496.839	ug/l	99
14) Allyl chloride	4.473	41	184537	92.086	ug/l	97
15) Acrylonitrile	5.155	53	171400	459.477	ug/l	100
16) Acetone	3.942	43	139178	431.257	ug/l	97
17) Carbon Disulfide	4.192	76	440037	88.395	ug/l	98
18) Methyl Acetate	4.473	43	74779	95.509	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	372254	96.299	ug/l	99
20) Methylene Chloride	4.710	84	168998	93.944	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	177517	91.416	ug/l	99
22) Diisopropyl ether	6.119	45	432291	93.483	ug/l	98
23) Vinyl Acetate	6.058	43	1330409	482.806	ug/l	98
24) 1,1-Dichloroethane	6.015	63	284415	90.026	ug/l	99
25) 2-Butanone	6.984	43	215665	468.913	ug/l	97
26) 2,2-Dichloropropane	6.978	77	241717	91.002	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	204364	93.732	ug/l	97
28) Bromochloromethane	7.338	49	119366	95.936	ug/l	95
29) Tetrahydrofuran	7.350	42	132868	479.241	ug/l	98
30) Chloroform	7.509	83	302736	90.005	ug/l	100
31) Cyclohexane	7.789	56	238563	88.102	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	263143	90.112	ug/l	98
36) 1,1-Dichloropropene	7.917	75	234819	92.398	ug/l	100
37) Ethyl Acetate	7.076	43	91375	91.034	ug/l #	97
38) Carbon Tetrachloride	7.905	117	237971	93.431	ug/l	98
39) Methylcyclohexane	9.185	83	295467	96.742	ug/l	99
40) Benzene	8.161	78	701789	92.987	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	45222	89.780	ug/l	95
42) 1,2-Dichloroethane	8.240	62	169313	91.947	ug/l	98
43) Isopropyl Acetate	8.277	43	171408	97.178	ug/l	99
44) Trichloroethene	8.941	130	200111	91.991	ug/l	100
45) 1,2-Dichloropropane	9.222	63	166420	92.683	ug/l	98
46) Dibromomethane	9.307	93	96425	93.833	ug/l	97
47) Bromodichloromethane	9.496	83	234315	93.908	ug/l	98
48) Methyl methacrylate	9.295	41	82244	100.734	ug/l	96
49) 1,4-Dioxane	9.301	88	23198	1994.709	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	480137	488.418	ug/l	98
52) Toluene	10.246	92	454383	95.502	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	228343	98.596	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	269569	95.793	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	136166	93.326	ug/l	97
56) Ethyl methacrylate	10.514	69	170368	92.637	ug/l	98
57) 1,3-Dichloropropane	10.795	76	223416	94.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	444741	528.237	ug/l	98
59) 2-Hexanone	10.837	43	337160	499.324	ug/l	98
60) Dibromochloromethane	10.990	129	166188	96.283	ug/l	99
61) 1,2-Dibromoethane	11.093	107	128862	95.840	ug/l	99
64) Tetrachloroethene	10.721	164	206547	88.951	ug/l	98
65) Chlorobenzene	11.520	112	473015	92.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	183128	95.194	ug/l	99
67) Ethyl Benzene	11.599	91	876389	97.317	ug/l	97
68) m/p-Xylenes	11.703	106	691367	195.378	ug/l	99
69) o-Xylene	12.032	106	325655	99.197	ug/l	98
70) Styrene	12.044	104	549051	100.757	ug/l	98
71) Bromoform	12.209	173	104045	97.600	ug/l #	99
73) Isopropylbenzene	12.331	105	837716	95.072	ug/l	100
74) N-amyl acetate	12.148	43	158326	101.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	144709	95.637	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	183775	163.079	ug/l #	100
77) Bromobenzene	12.611	156	198925	93.223	ug/l	96
78) n-propylbenzene	12.672	91	998552	94.445	ug/l	99
79) 2-Chlorotoluene	12.758	91	545741	92.194	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	674823	95.592	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	46818	95.462	ug/l	97
82) 4-Chlorotoluene	12.861	91	558947	92.319	ug/l	97
83) tert-Butylbenzene	13.081	119	602114	97.131	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	678499	97.355	ug/l	100
85) sec-Butylbenzene	13.258	105	896828	94.626	ug/l	99
86) p-Isopropyltoluene	13.373	119	766138	98.749	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	400389	93.481	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	379129	91.048	ug/l	99
89) n-Butylbenzene	13.697	91	679940	96.057	ug/l	100
90) Hexachloroethane	13.965	117	143567	92.301	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	339871	93.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19518	91.755	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	189539	99.047	ug/l	100
94) Hexachlorobutadiene	15.117	225	105611	89.389	ug/l	98
95) Naphthalene	15.239	128	351110	91.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	160392	97.702	ug/l	100

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ClientSampleId :
VSTDICC100

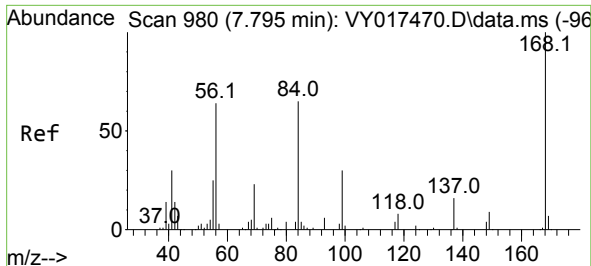
Quant Time: Feb 24 04:50:36 2024
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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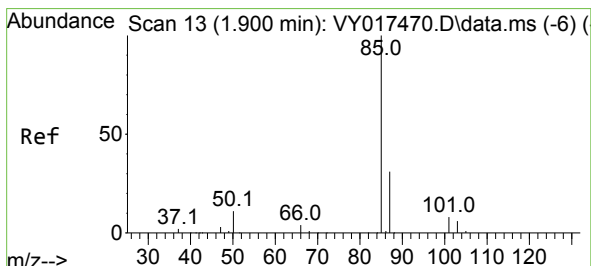
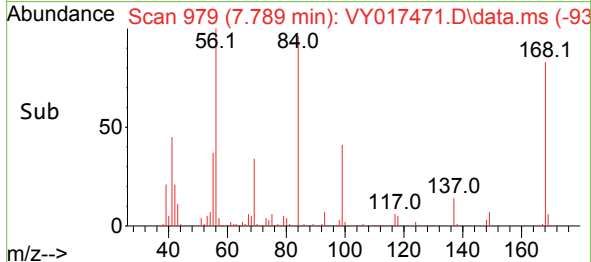
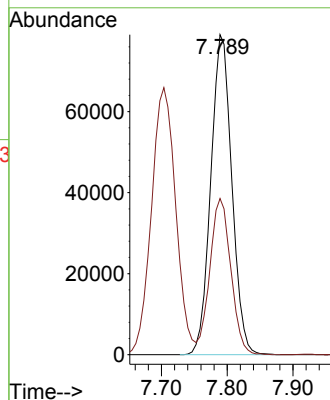
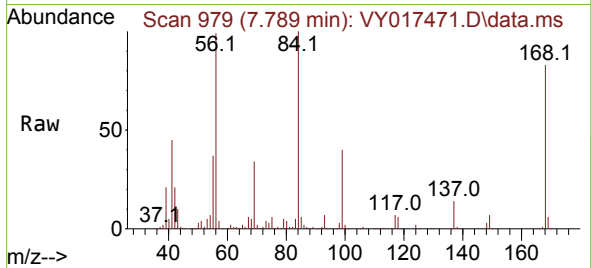




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017471.D
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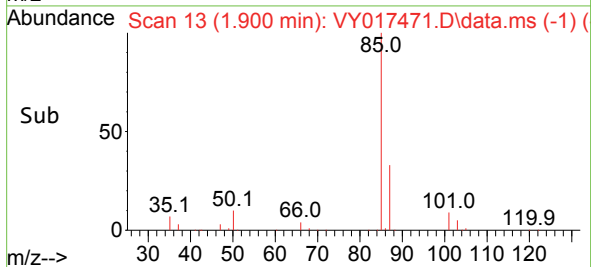
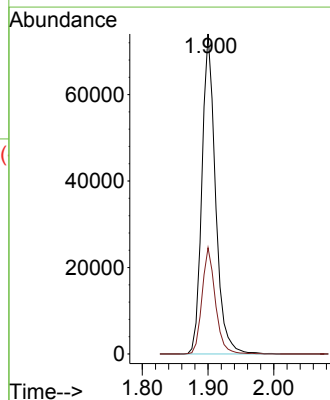
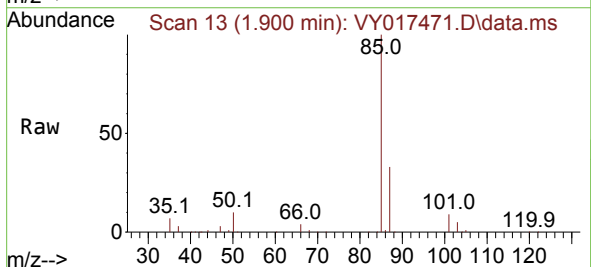
Instrument :
MSVOA_Y
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VSTDICC100

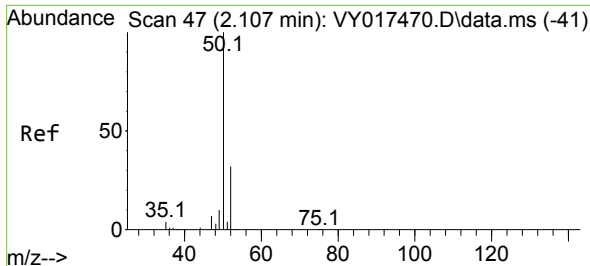
Tgt Ion:168 Resp: 175565
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 82.203 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 85 Resp: 106458
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0

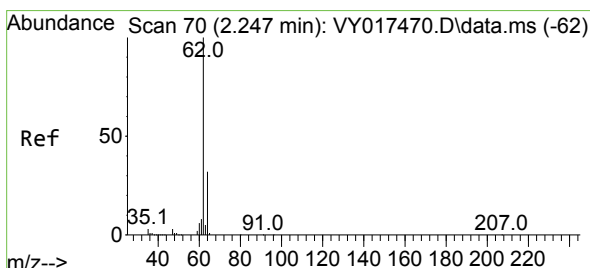
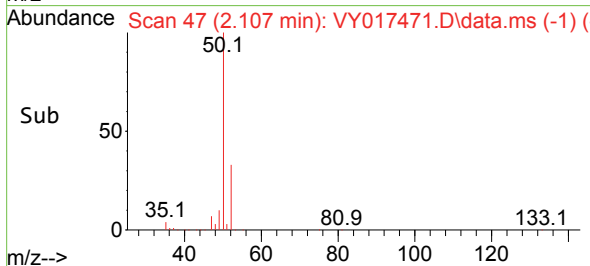
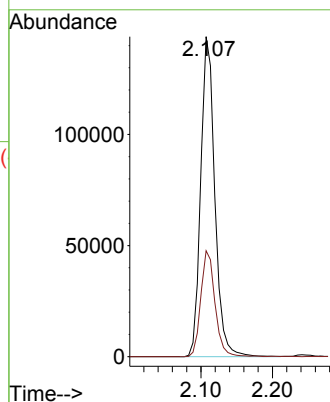
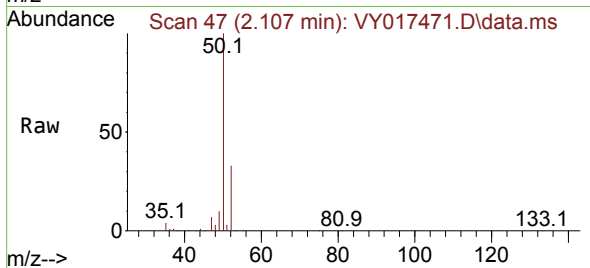




#3
Chloromethane
Concen: 83.328 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

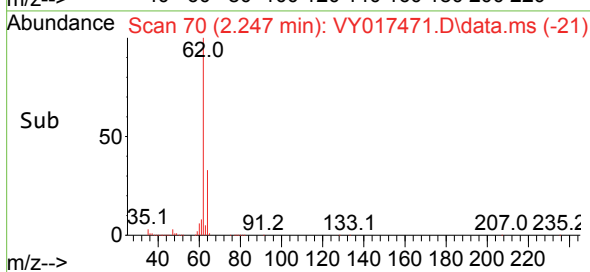
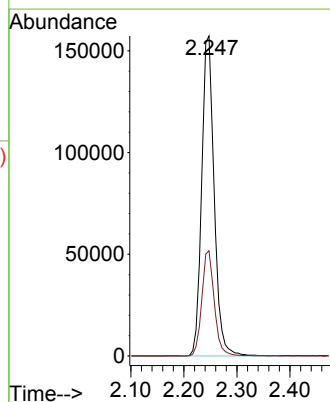
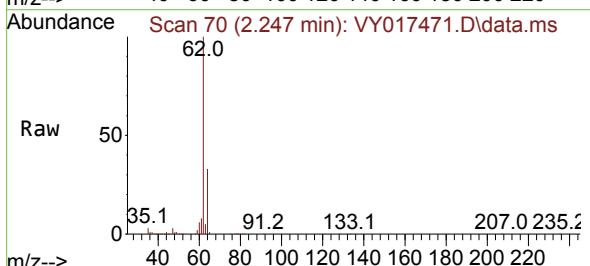
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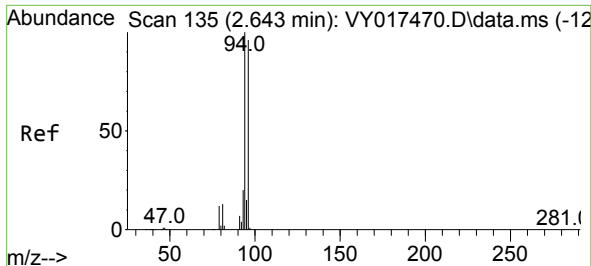
Tgt Ion: 50 Resp: 197177
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 84.854 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 62 Resp: 257588
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

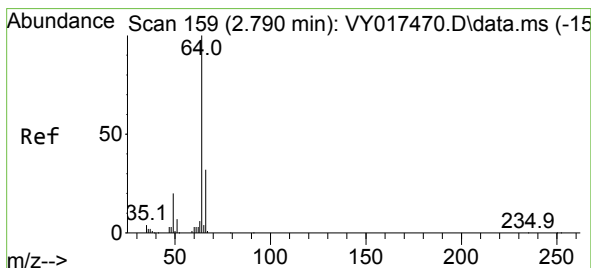
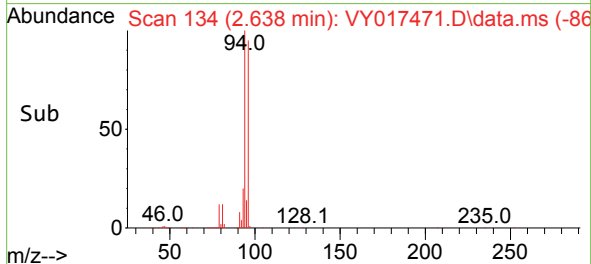
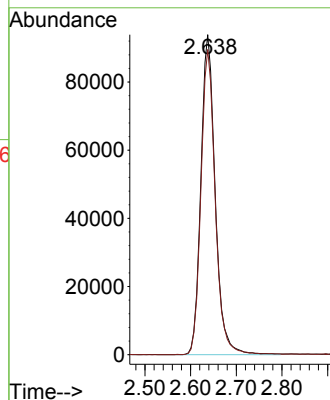
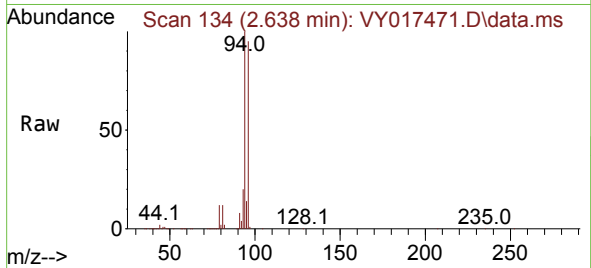




#5
Bromomethane
Concen: 82.799 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

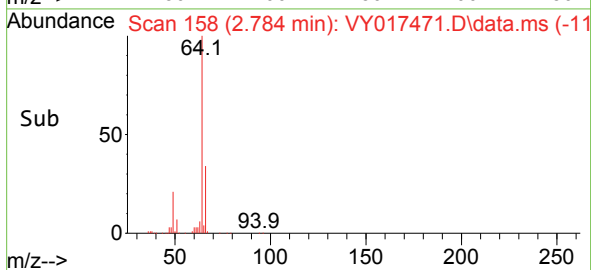
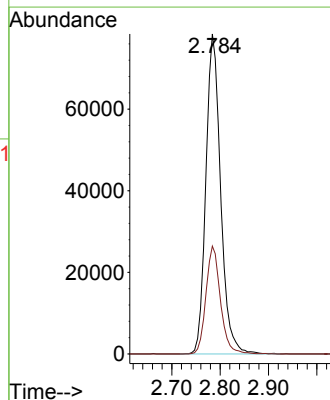
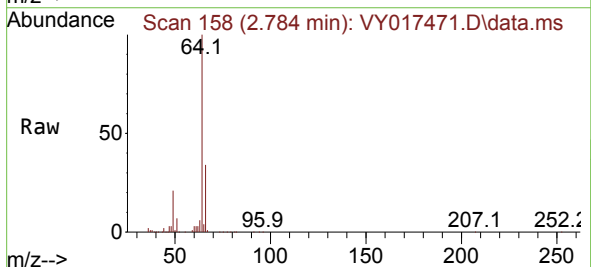
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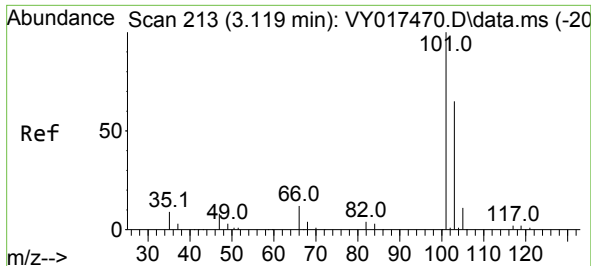
Tgt Ion: 94 Resp: 204831
Ion Ratio Lower Upper
94 100
96 95.3 74.1 111.1



#6
Chloroethane
Concen: 86.777 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 64 Resp: 166180
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1

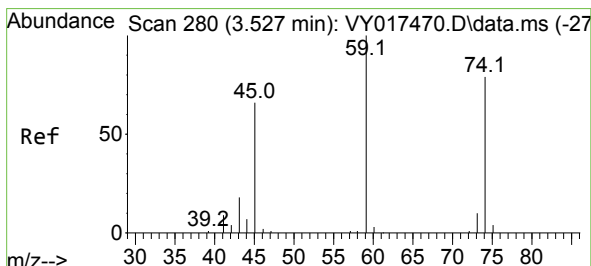
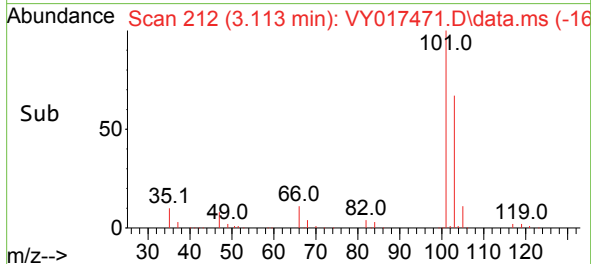
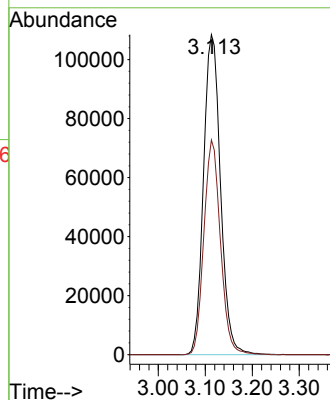
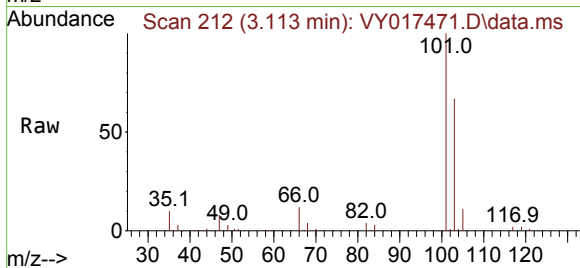




#7
 Trichlorofluoromethane
 Concen: 87.995 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY017471.D
 Acq: 23 Feb 2024 17:57

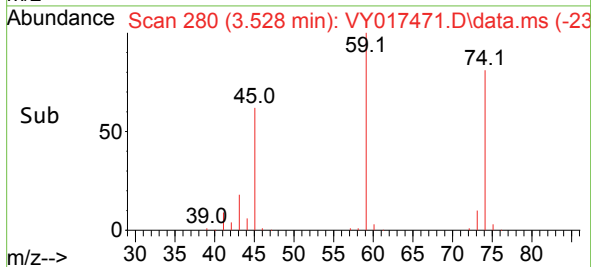
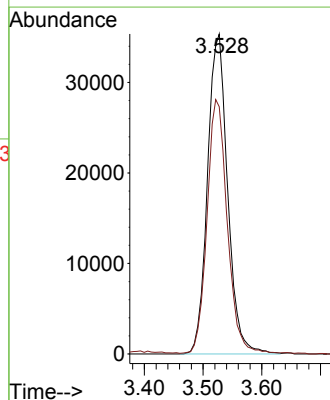
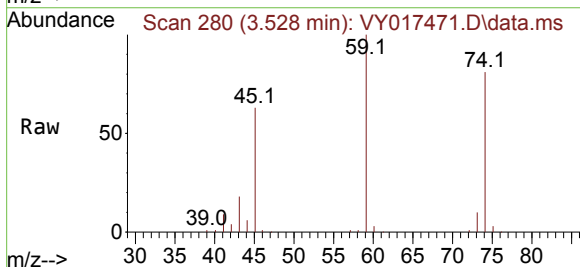
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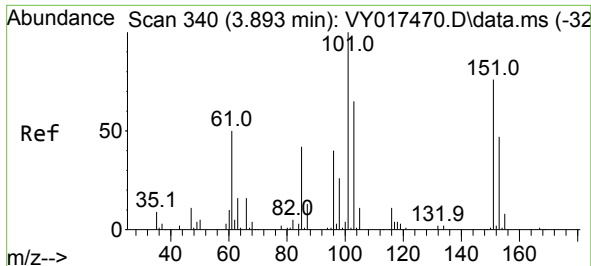
Tgt Ion:101 Resp: 272249
 Ion Ratio Lower Upper
 101 100
 103 67.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 92.582 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017471.D
 Acq: 23 Feb 2024 17:57

Tgt Ion: 74 Resp: 84013
 Ion Ratio Lower Upper
 74 100
 45 79.6 41.3 124.1

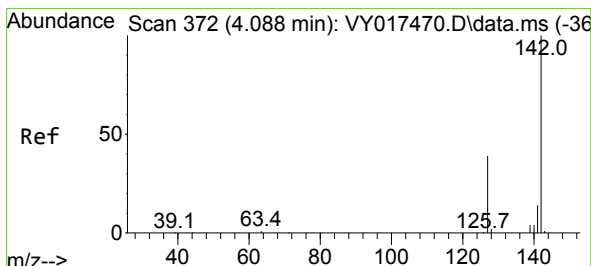
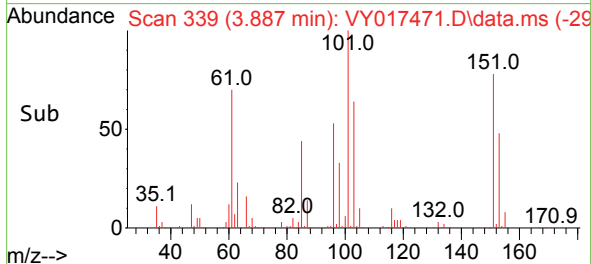
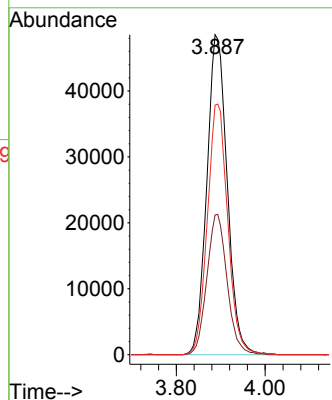
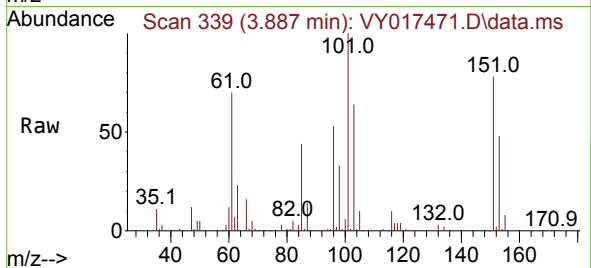




#9
1,1,2-Trichlorotrifluoroethane
Concen: 86.962 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
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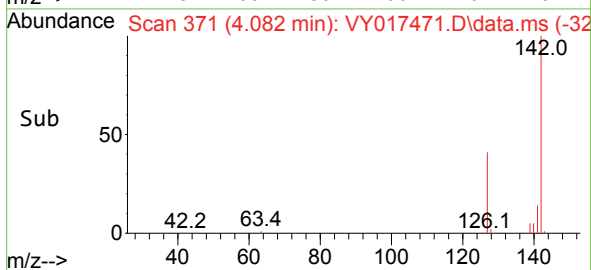
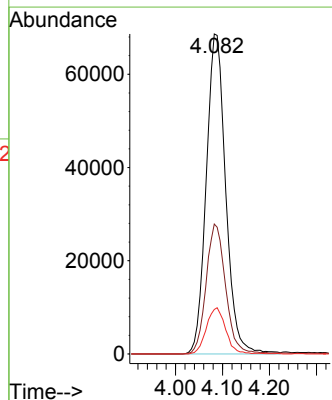
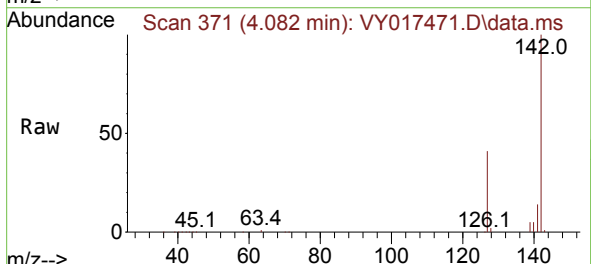
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

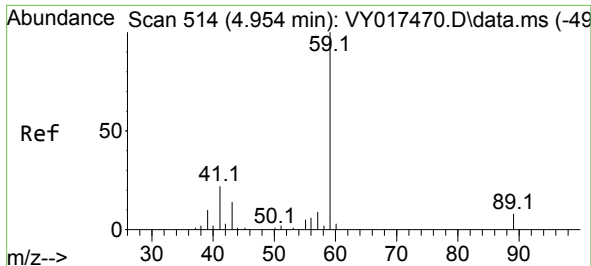
Tgt Ion:101 Resp: 154758
Ion Ratio Lower Upper
101 100
85 43.5 34.5 51.7
151 78.4 61.7 92.5



#10
Methyl Iodide
Concen: 98.872 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion:142 Resp: 197466
Ion Ratio Lower Upper
142 100
127 40.7 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 379.937 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

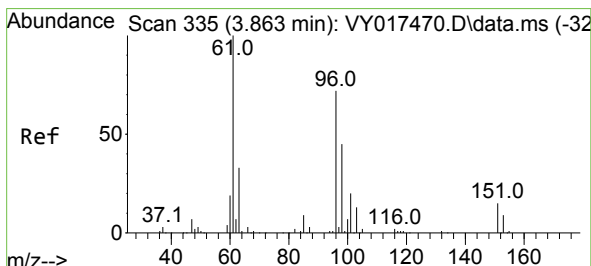
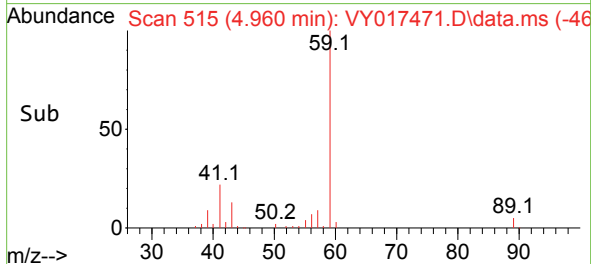
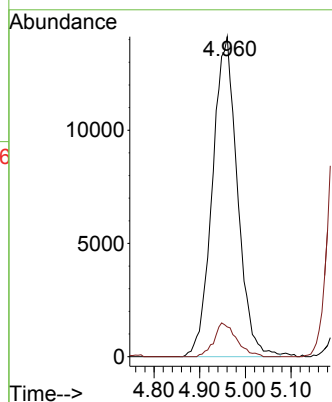
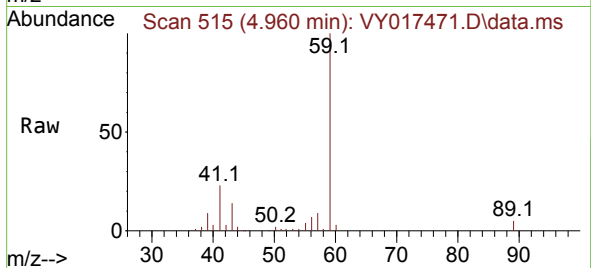
VSTDIC100

Tgt Ion: 59 Resp: 53699

Ion Ratio Lower Upper

59 100

57 9.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 90.536 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

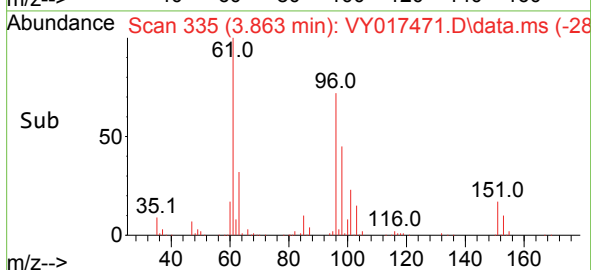
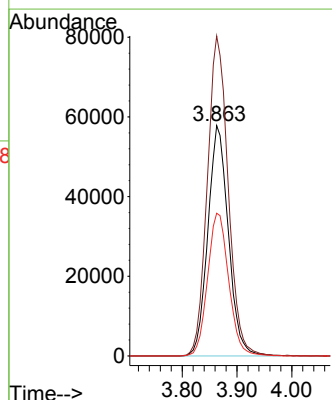
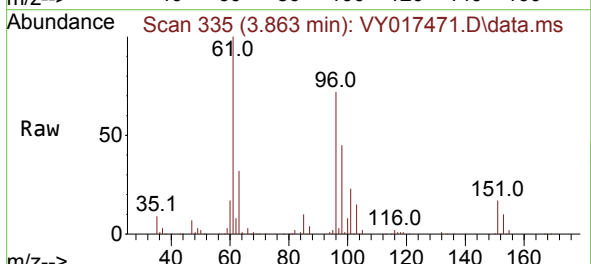
Tgt Ion: 96 Resp: 150154

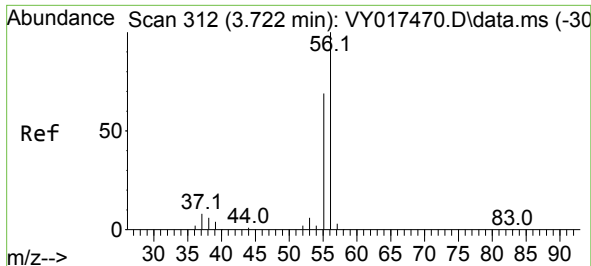
Ion Ratio Lower Upper

96 100

61 138.9 114.6 171.8

98 61.9 50.8 76.2





#13

Acrolein

Concen: 496.839 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

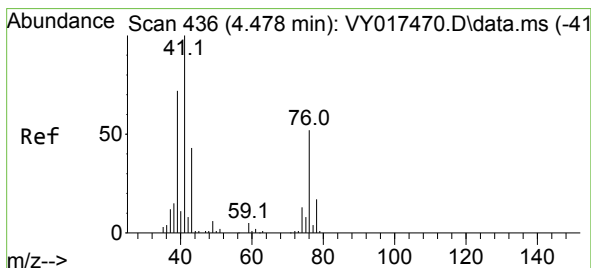
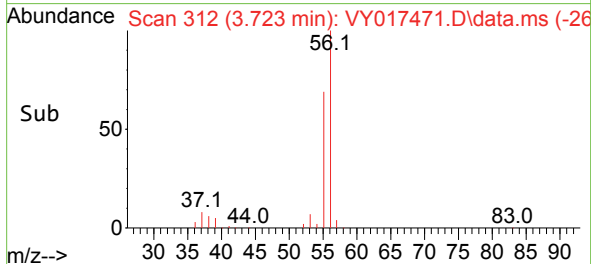
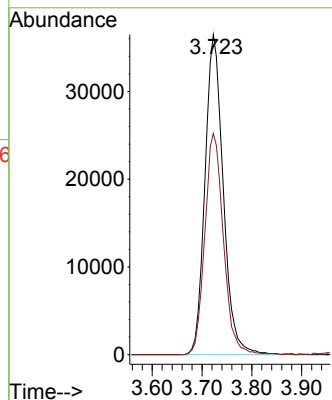
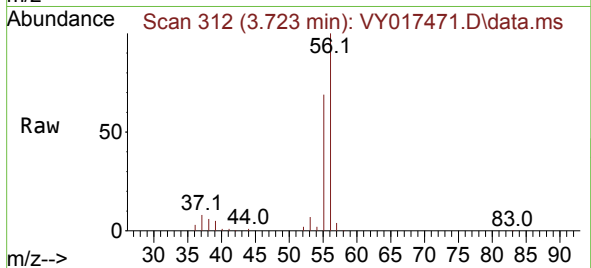
VSTDICC100

Tgt Ion: 56 Resp: 92655

Ion Ratio Lower Upper

56 100

55 70.6 55.7 83.5



#14

Allyl chloride

Concen: 92.086 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

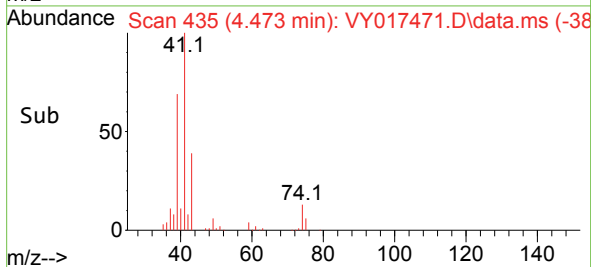
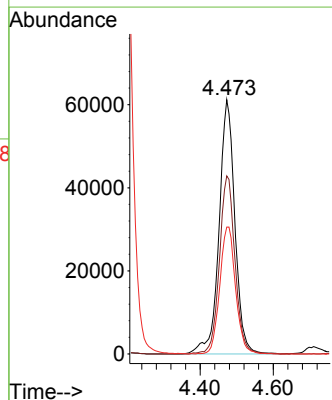
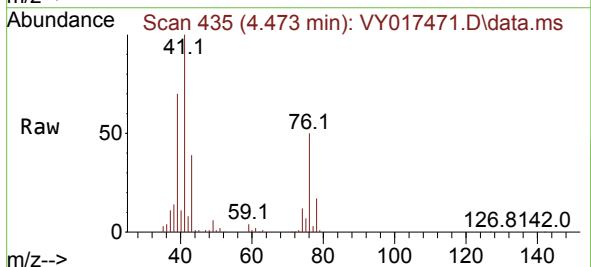
Tgt Ion: 41 Resp: 184537

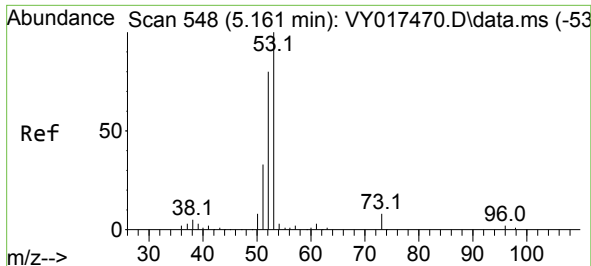
Ion Ratio Lower Upper

41 100

39 69.1 58.3 87.5

76 49.8 39.0 58.6





#15

Acrylonitrile

Concen: 459.477 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

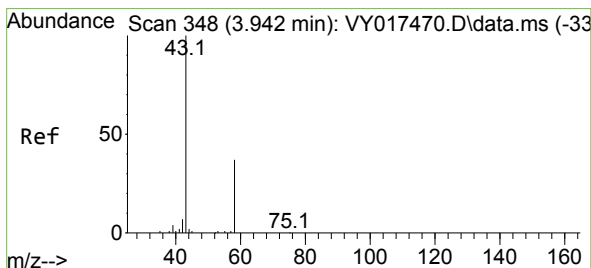
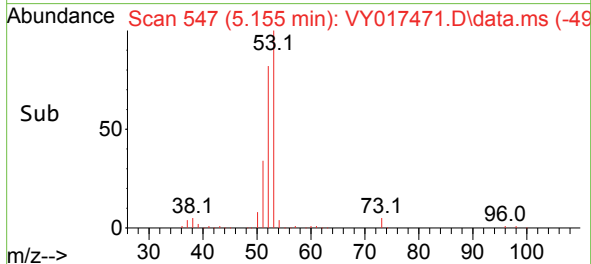
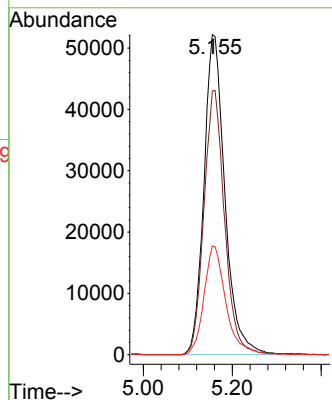
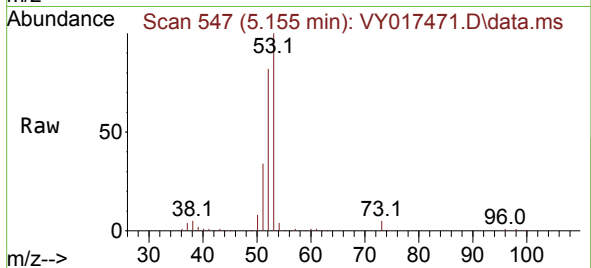
Tgt Ion: 53 Resp: 171400

Ion Ratio Lower Upper

53 100

52 81.3 64.7 97.1

51 35.5 28.4 42.6



#16

Acetone

Concen: 431.257 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY017471.D

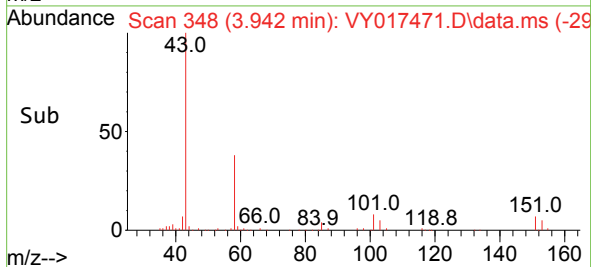
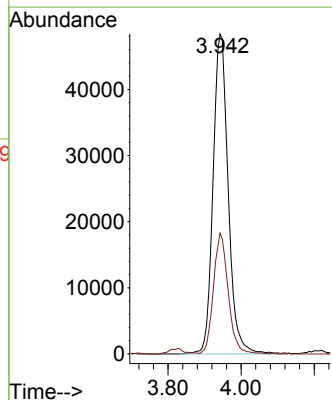
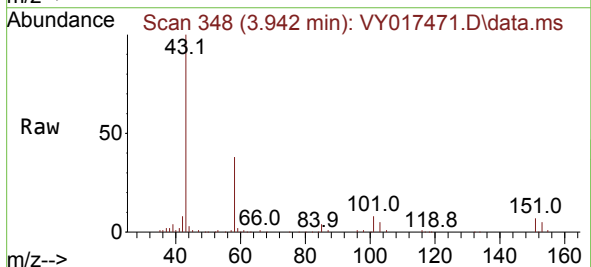
Acq: 23 Feb 2024 17:57

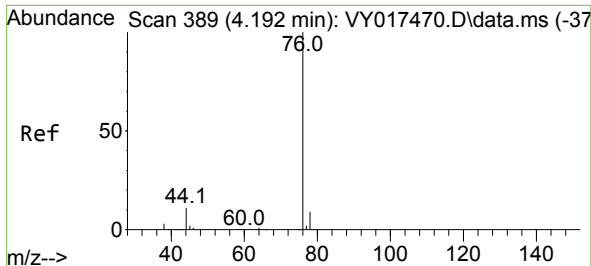
Tgt Ion: 43 Resp: 139178

Ion Ratio Lower Upper

43 100

58 37.7 31.7 47.5

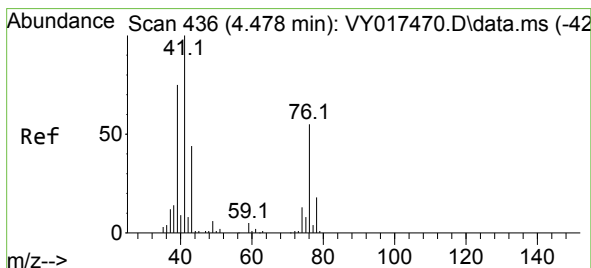
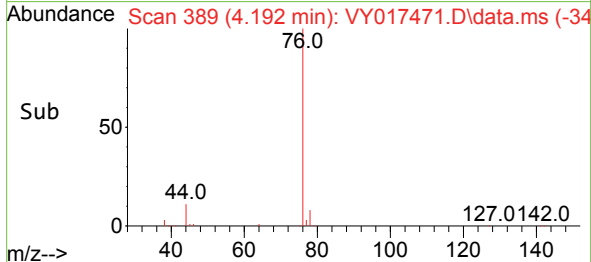
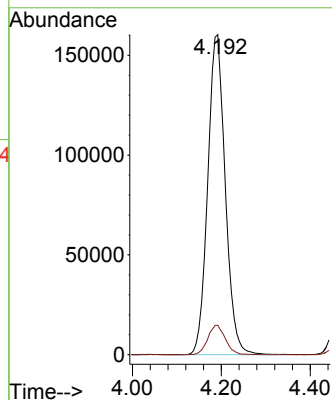
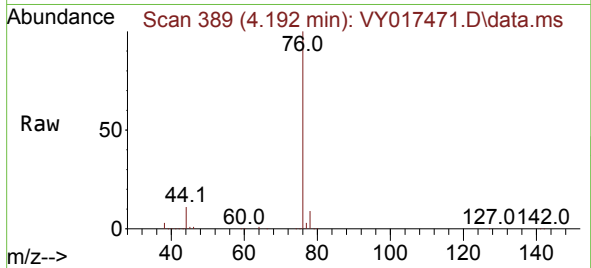




#17
Carbon Disulfide
Concen: 88.395 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

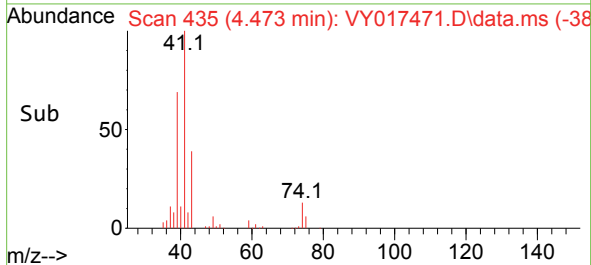
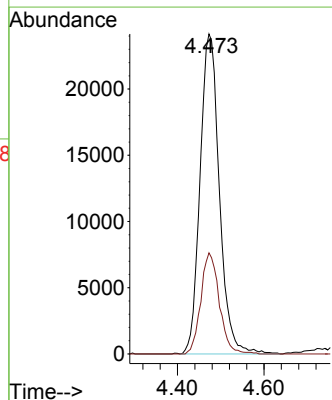
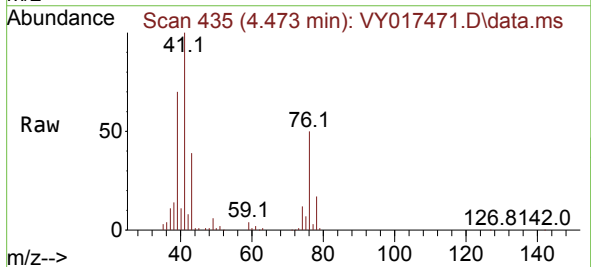
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

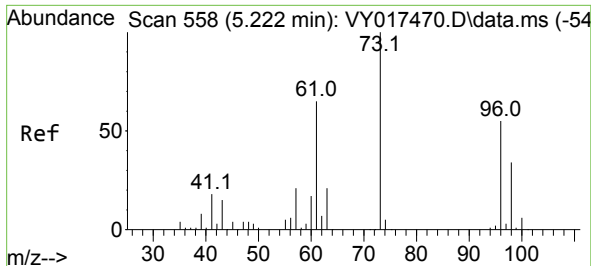
Tgt Ion: 76 Resp: 440037
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 95.509 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 43 Resp: 74779
Ion Ratio Lower Upper
43 100
74 30.3 23.3 34.9

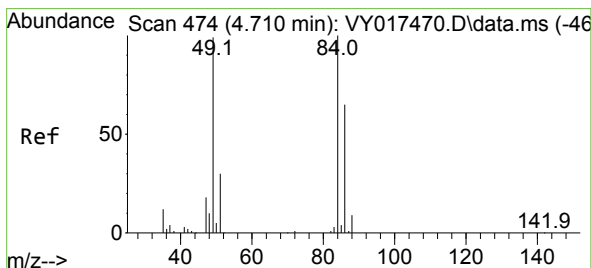
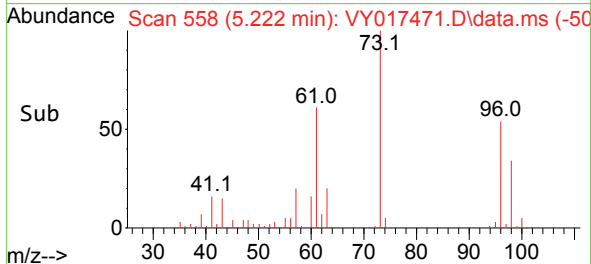
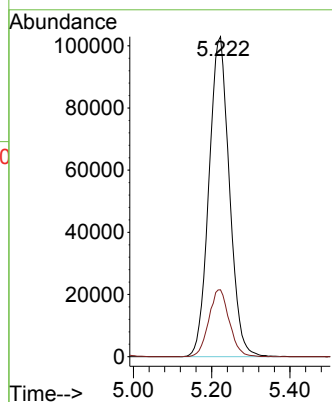
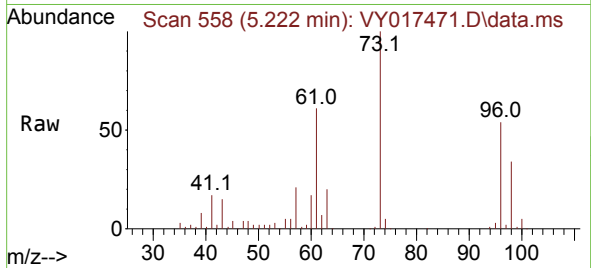




#19
Methyl tert-butyl Ether
Concen: 96.299 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

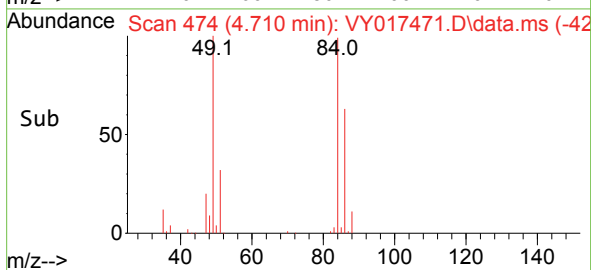
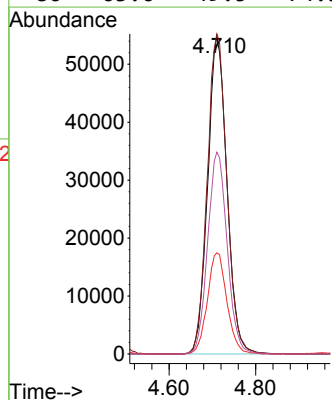
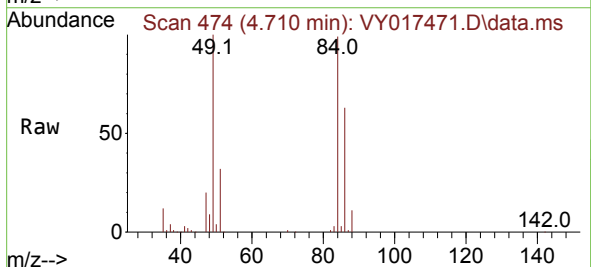
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

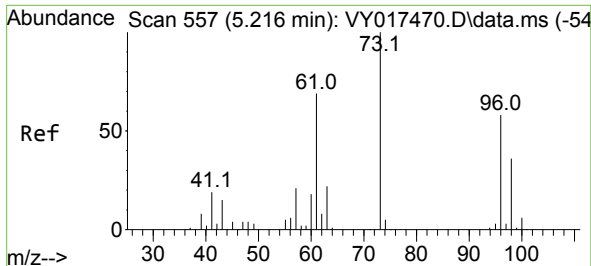
Tgt Ion: 73 Resp: 372254
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 93.944 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 84 Resp: 168998
Ion Ratio Lower Upper
84 100
49 100.9 84.4 126.6
51 31.9 26.0 39.0
86 63.6 49.5 74.3

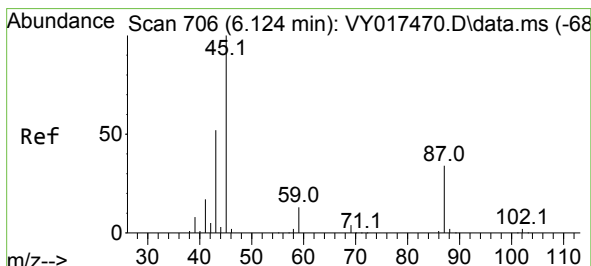
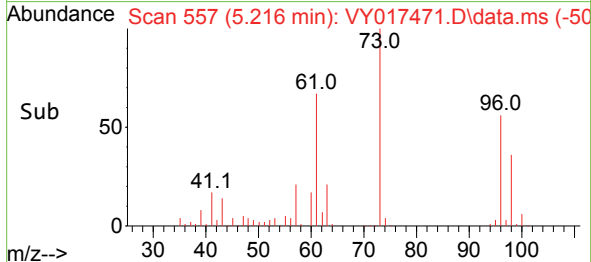
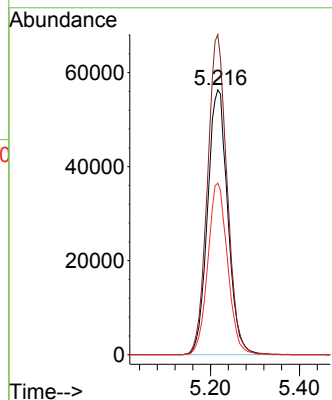
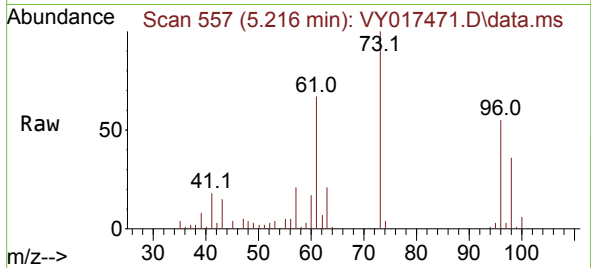




#21
trans-1,2-Dichloroethene
Concen: 91.416 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

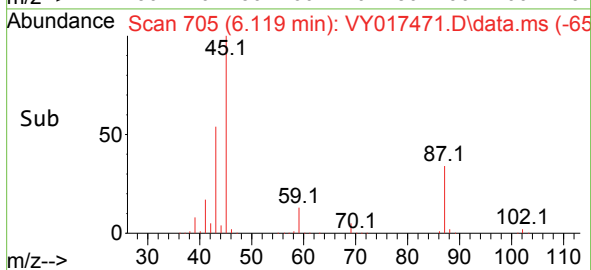
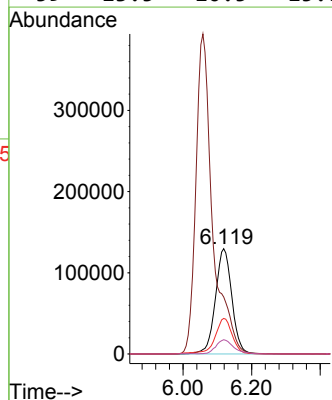
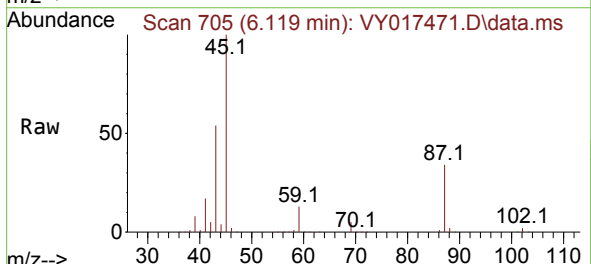
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

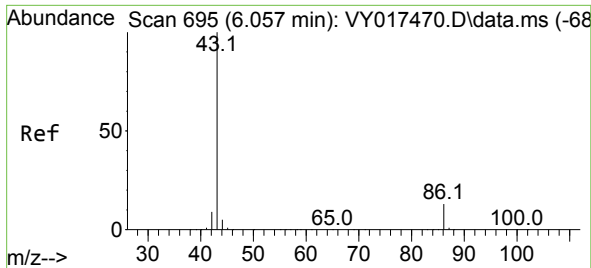
Tgt Ion: 96 Resp: 177517
Ion Ratio Lower Upper
96 100
61 120.9 97.5 146.3
98 64.8 50.5 75.7



#22
Diisopropyl ether
Concen: 93.483 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 45 Resp: 432291
Ion Ratio Lower Upper
45 100
43 53.9 42.2 63.2
87 33.8 25.0 37.6
59 13.5 10.5 15.7

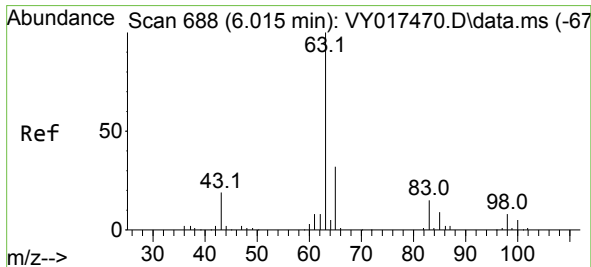
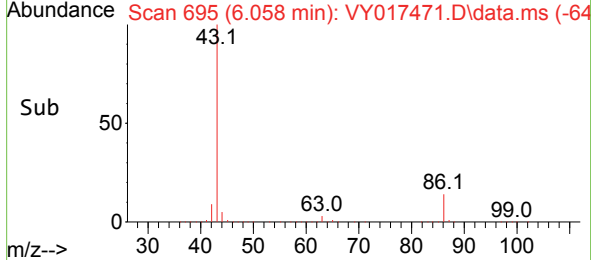
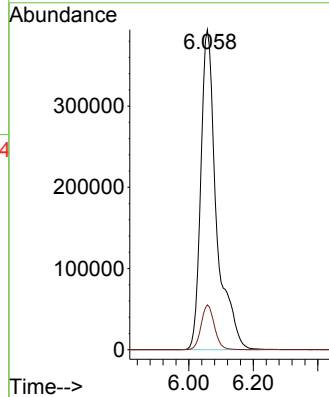
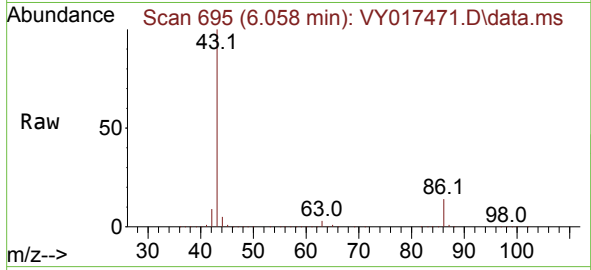




#23
 Vinyl Acetate
 Concen: 482.806 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017471.D
 Acq: 23 Feb 2024 17:57

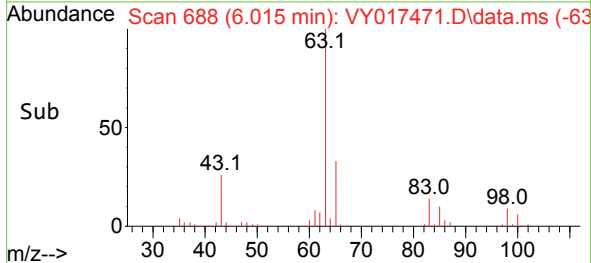
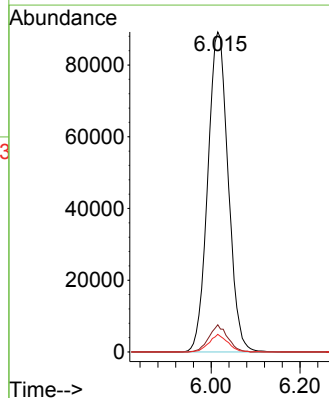
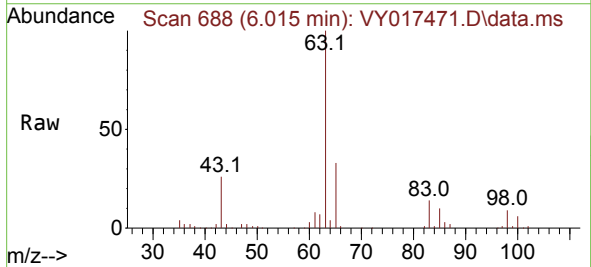
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

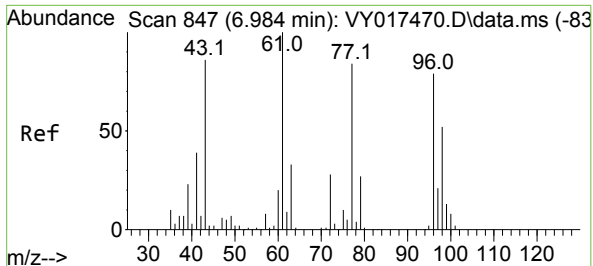
Tgt Ion: 43 Resp: 1330409
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 90.026 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017471.D
 Acq: 23 Feb 2024 17:57

Tgt Ion: 63 Resp: 284415
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 12.2
 100 5.5 2.6 8.0

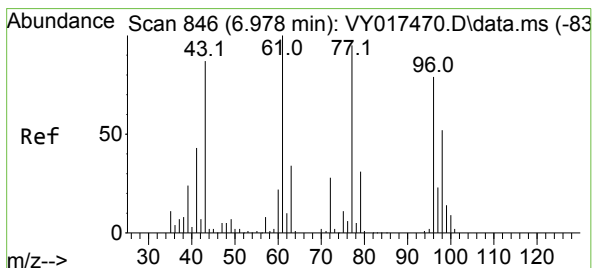
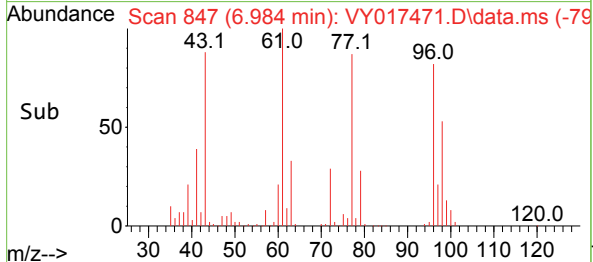
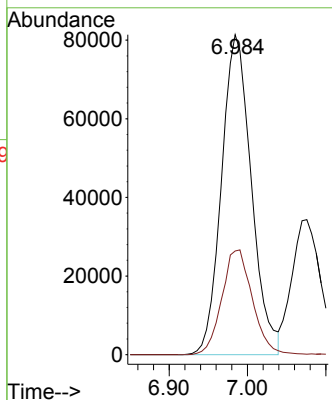
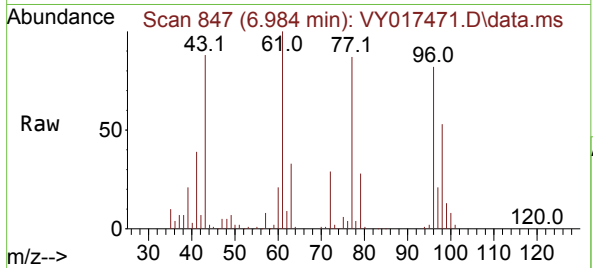




#25
2-Butanone
Concen: 468.913 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

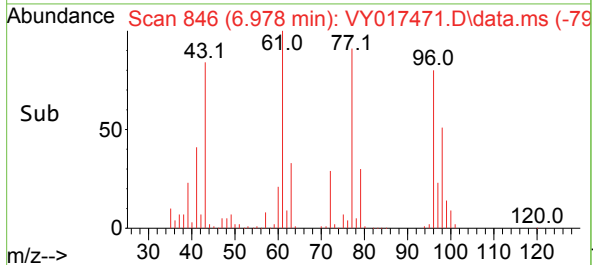
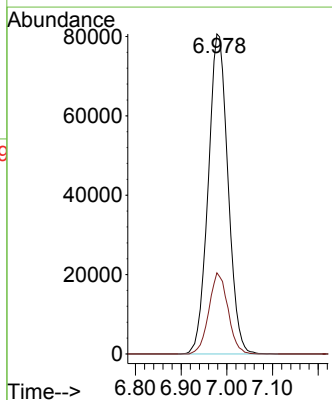
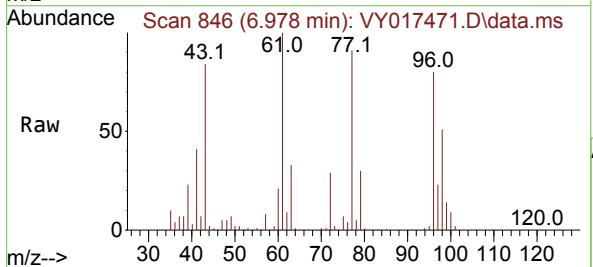
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

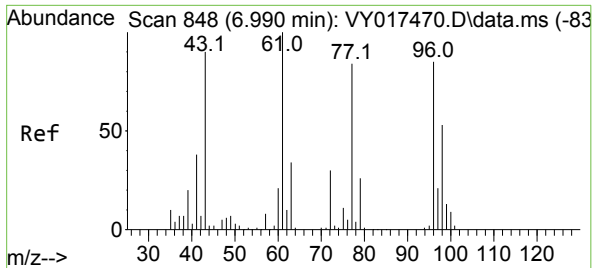
Tgt Ion: 43 Resp: 215665
Ion Ratio Lower Upper
43 100
72 32.4 27.3 40.9



#26
2,2-Dichloropropane
Concen: 91.002 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 77 Resp: 241717
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.1

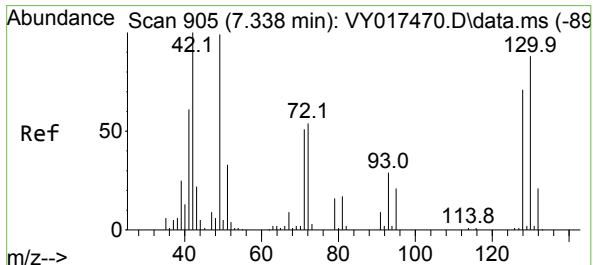
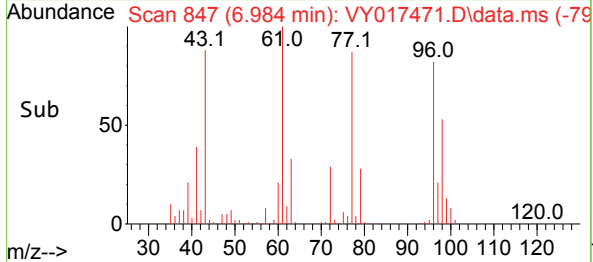
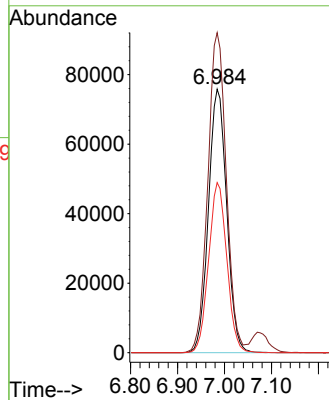
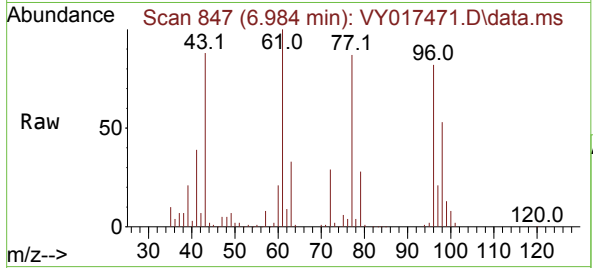




#27
 cis-1,2-Dichloroethene
 Concen: 93.732 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY017471.D
 Acq: 23 Feb 2024 17:57

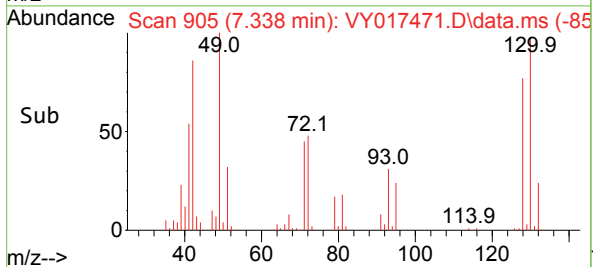
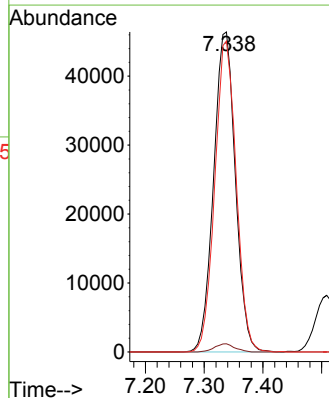
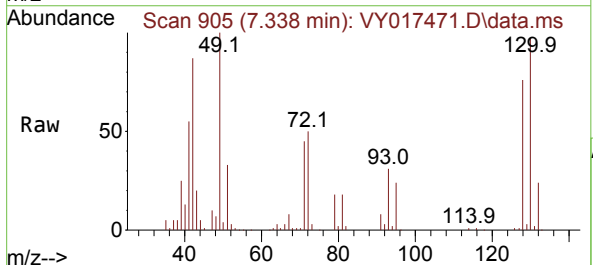
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

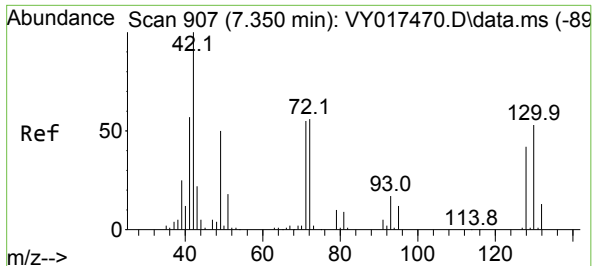
Tgt Ion: 96 Resp: 204364
 Ion Ratio Lower Upper
 96 100
 61 123.2 0.0 256.2
 98 64.3 0.0 130.0



#28
 Bromochloromethane
 Concen: 95.936 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY017471.D
 Acq: 23 Feb 2024 17:57

Tgt Ion: 49 Resp: 119366
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 95.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 479.241 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

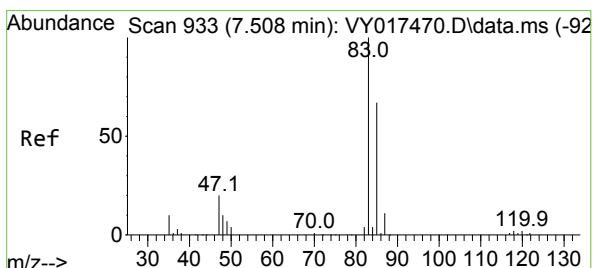
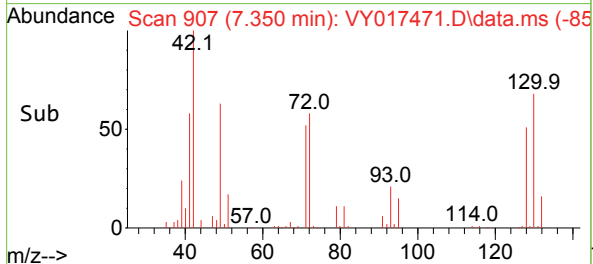
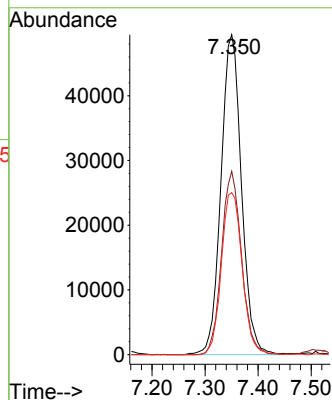
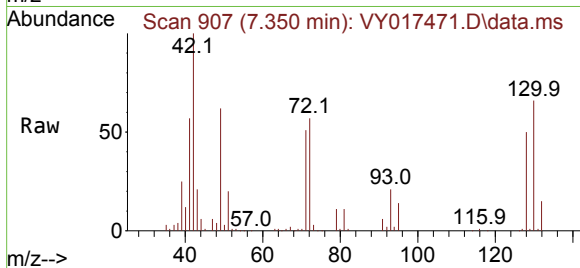
Tgt Ion: 42 Resp: 132868

Ion Ratio Lower Upper

42 100

72 55.7 43.0 64.4

71 51.4 40.8 61.2



#30

Chloroform

Concen: 90.005 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017471.D

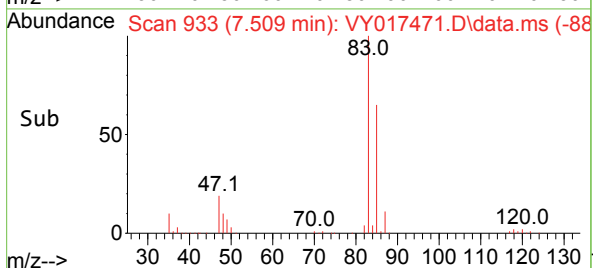
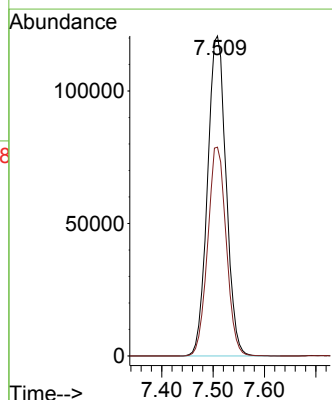
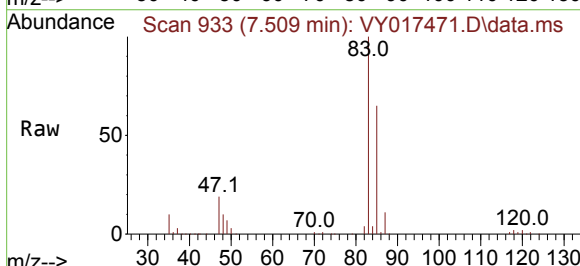
Acq: 23 Feb 2024 17:57

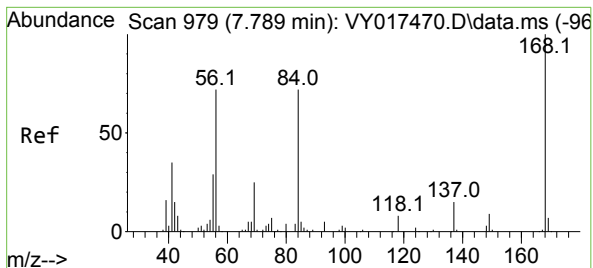
Tgt Ion: 83 Resp: 302736

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.4





#31

Cyclohexane

Concen: 88.102 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

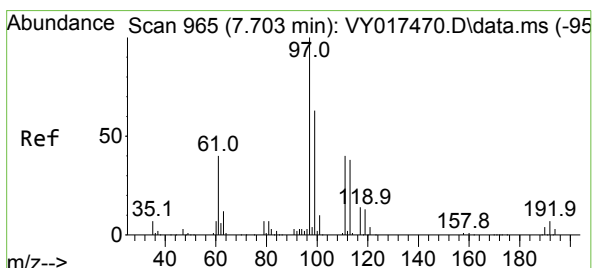
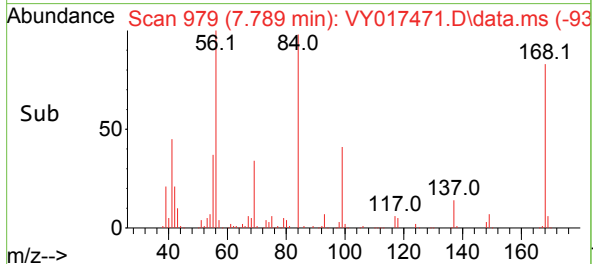
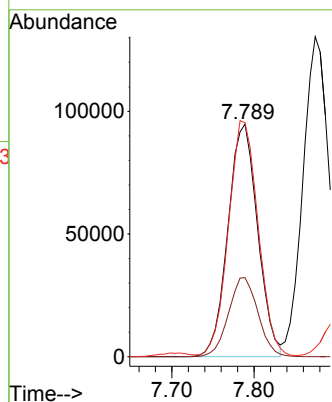
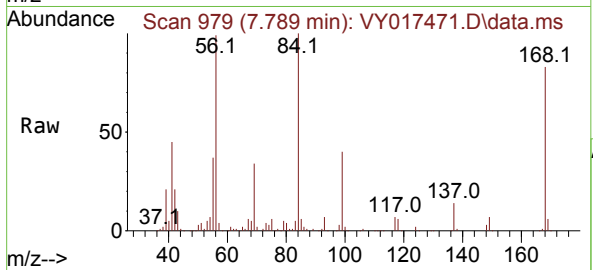
Tgt Ion: 56 Resp: 238563

Ion Ratio Lower Upper

56 100

69 34.0 28.7 43.1

84 99.1 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 90.112 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

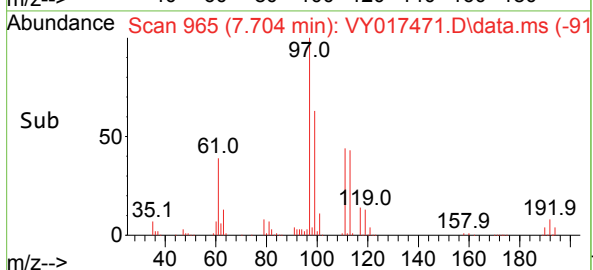
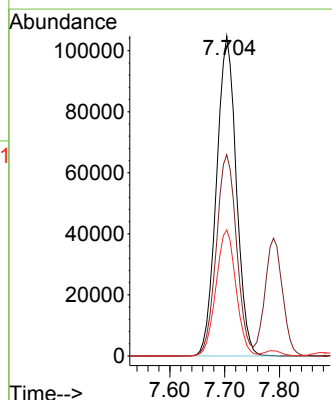
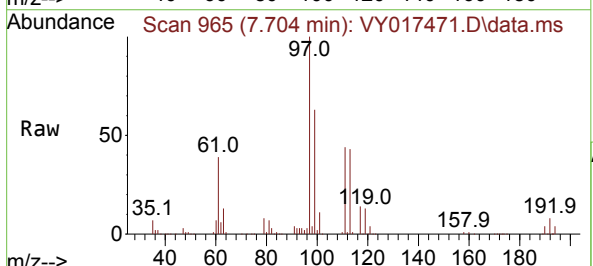
Tgt Ion: 97 Resp: 263143

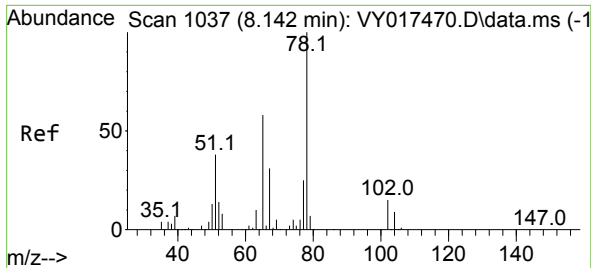
Ion Ratio Lower Upper

97 100

99 64.6 50.3 75.5

61 39.9 32.6 48.8

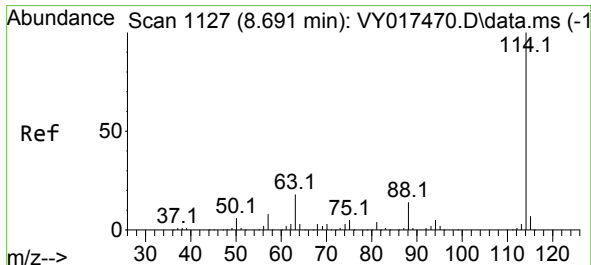
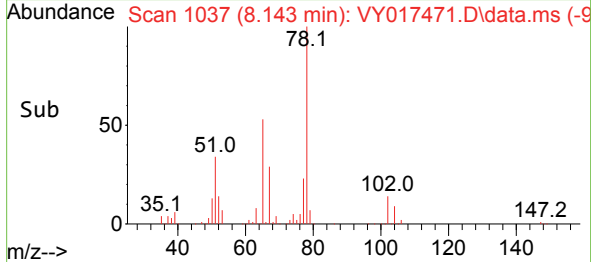
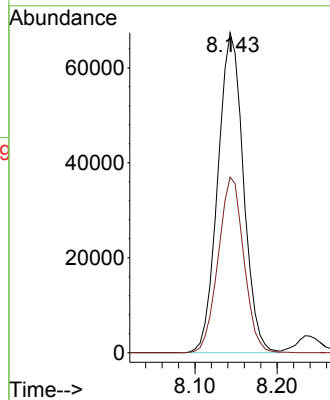
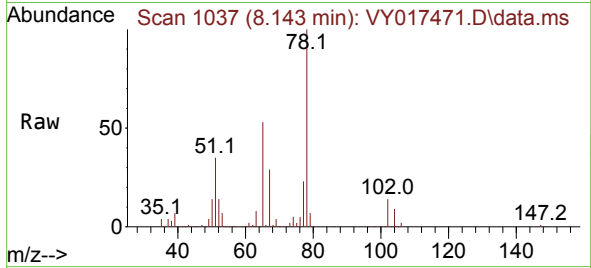




#33
1,2-Dichloroethane-d4
Concen: 87.693 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

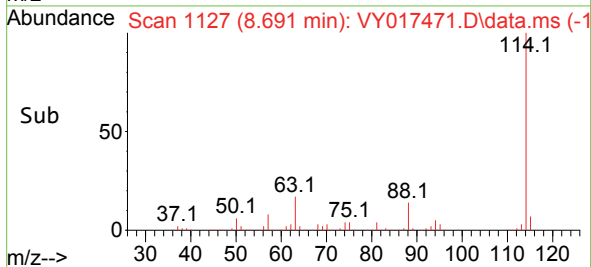
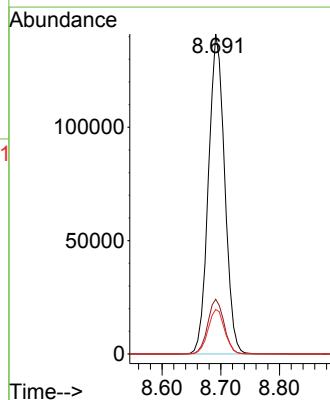
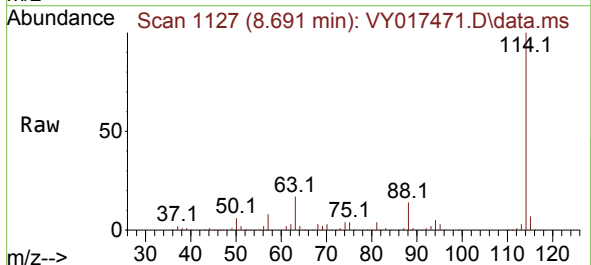
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

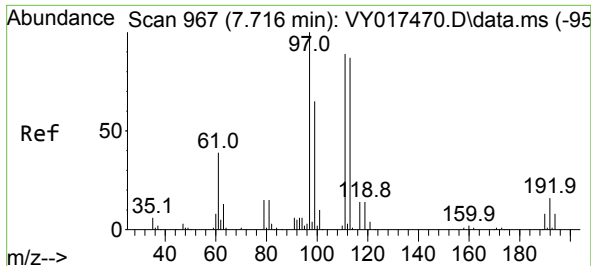
Tgt Ion: 65 Resp: 145911
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 114 Resp: 270308
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.0
88 13.9 0.0 27.2

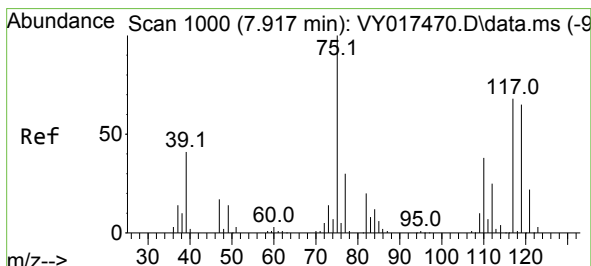
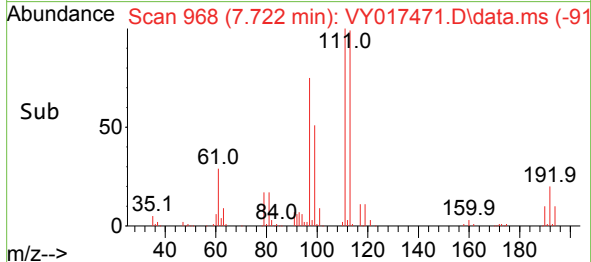
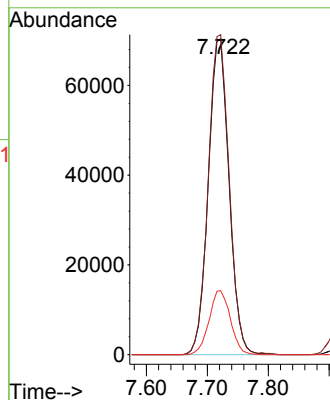
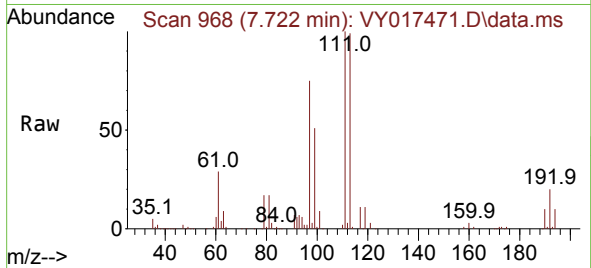




#35
Dibromofluoromethane
Concen: 88.389 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

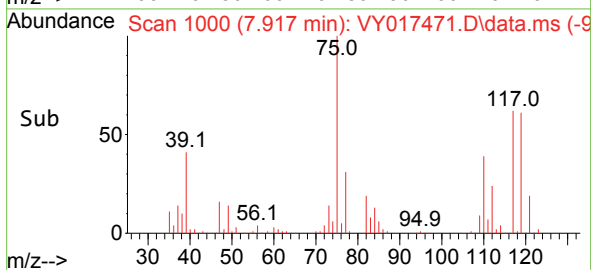
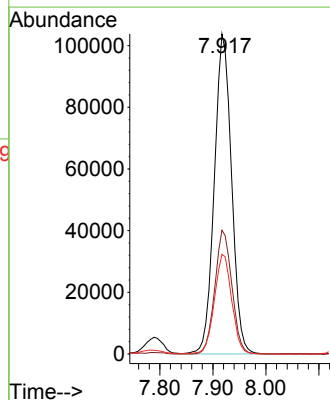
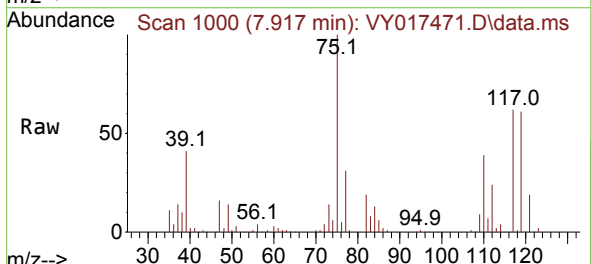
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

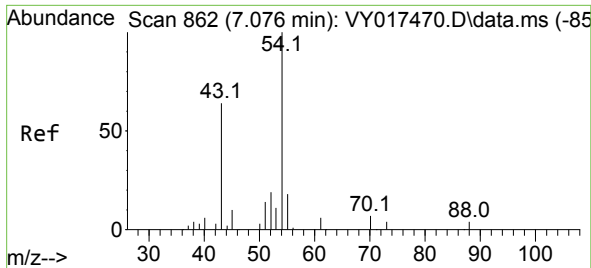
Tgt Ion:113 Resp: 166488
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 92.398 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 75 Resp: 234819
Ion Ratio Lower Upper
75 100
110 38.1 19.0 57.0
77 31.3 25.3 37.9

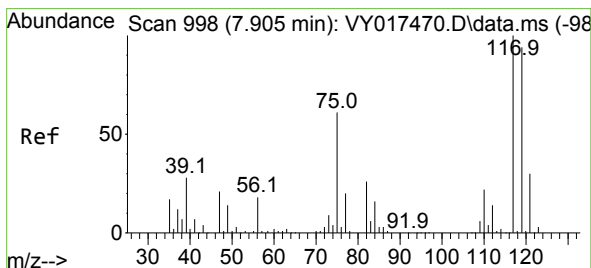
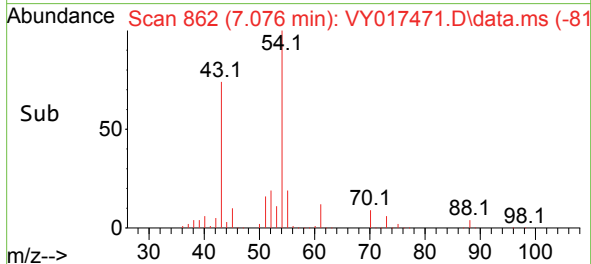
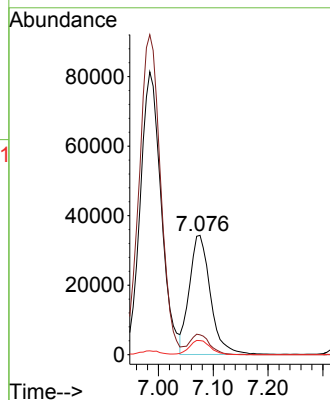
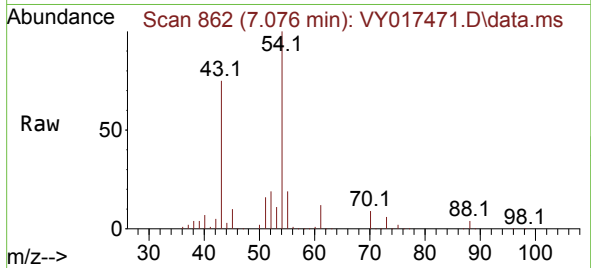




#37
Ethyl Acetate
Concen: 91.034 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

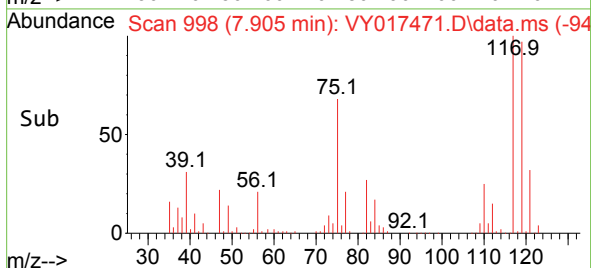
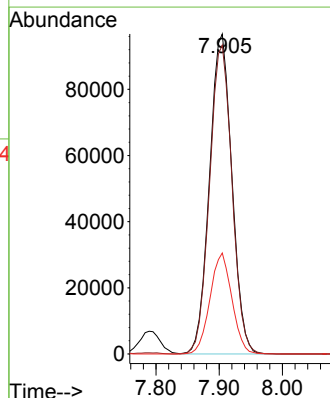
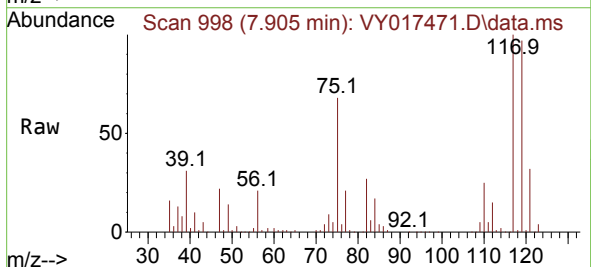
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

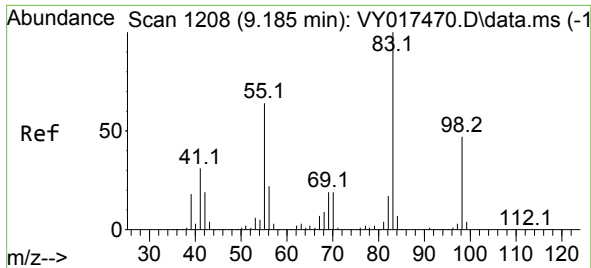
Tgt Ion: 43 Resp: 91375
Ion Ratio Lower Upper
43 100
61 16.4 12.6 19.0
70 11.9 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 93.431 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 117 Resp: 237971
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
121 31.6 24.0 36.0

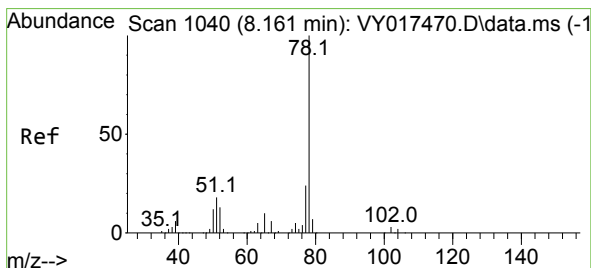
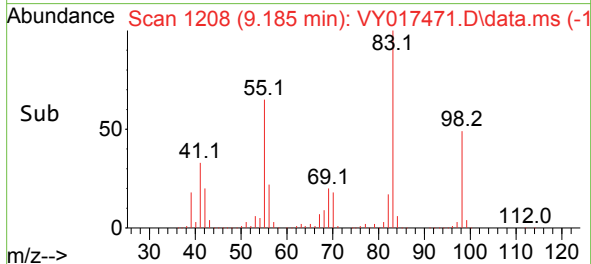
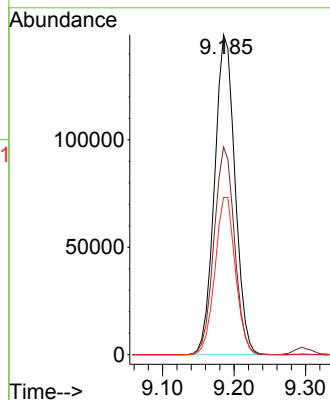
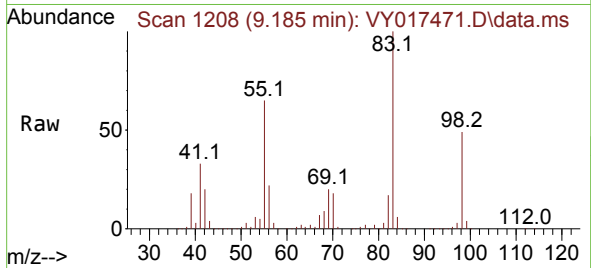




#39
Methylcyclohexane
Concen: 96.742 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

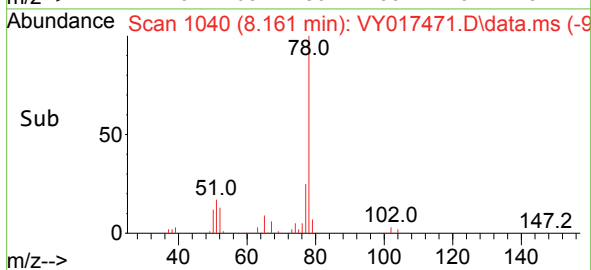
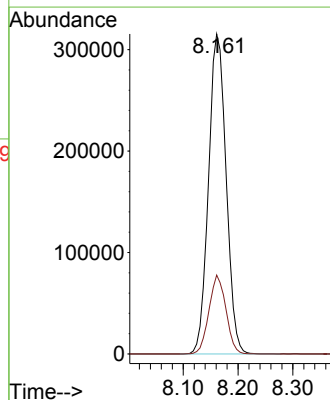
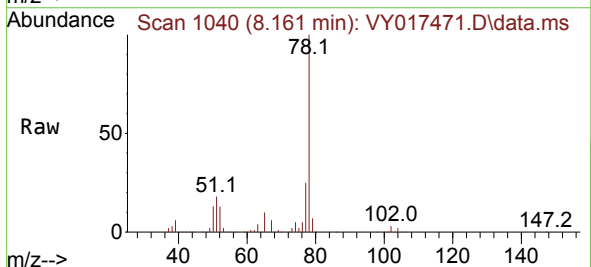
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

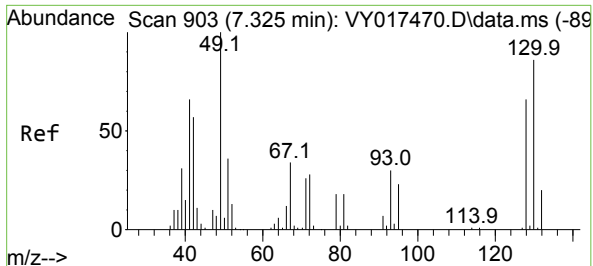
Tgt Ion: 83 Resp: 295467
Ion Ratio Lower Upper
83 100
55 64.9 51.5 77.3
98 49.1 40.5 60.7



#40
Benzene
Concen: 92.987 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 78 Resp: 701789
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3

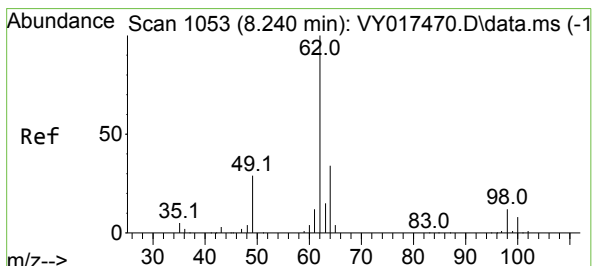
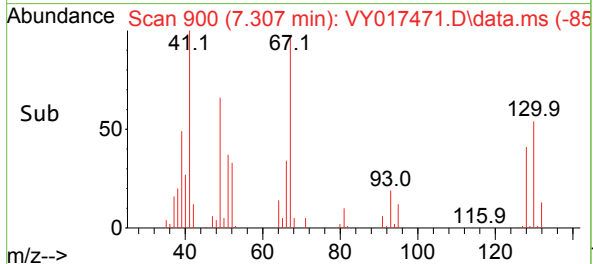
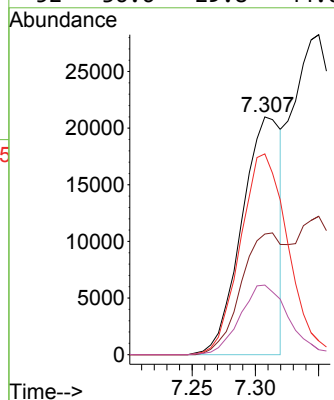
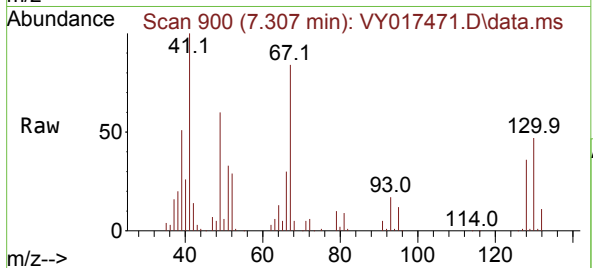




#41
Methacrylonitrile
Concen: 89.780 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

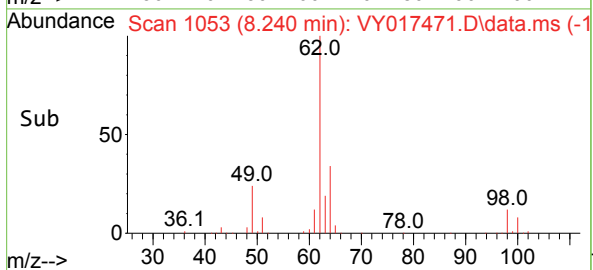
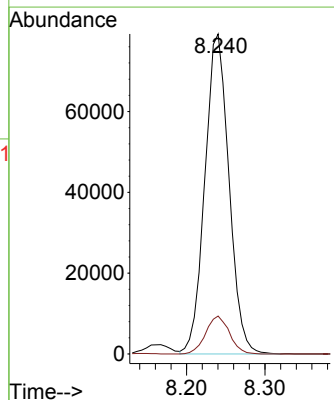
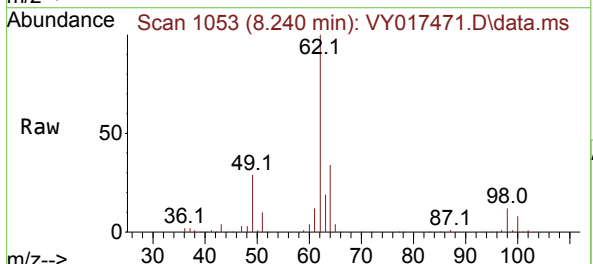
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

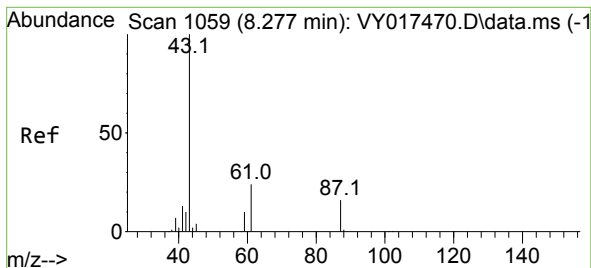
Tgt Ion: 41 Resp: 45222
Ion Ratio Lower Upper
41 100
39 59.6 48.0 72.0
67 103.0 75.1 112.7
52 36.6 29.8 44.6



#42
1,2-Dichloroethane
Concen: 91.947 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 62 Resp: 169313
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0





#43

Isopropyl Acetate

Concen: 97.178 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

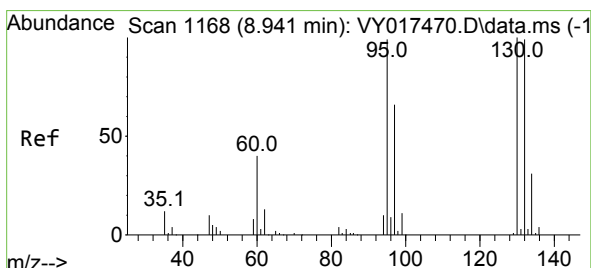
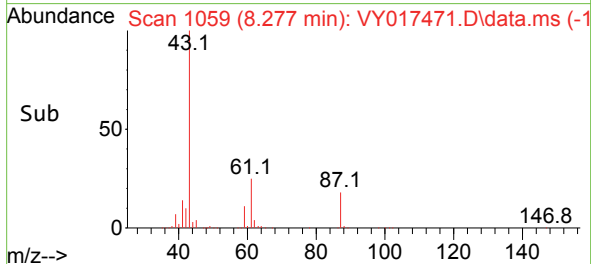
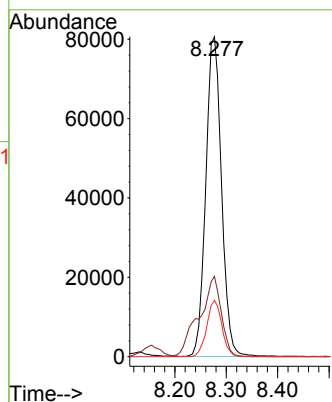
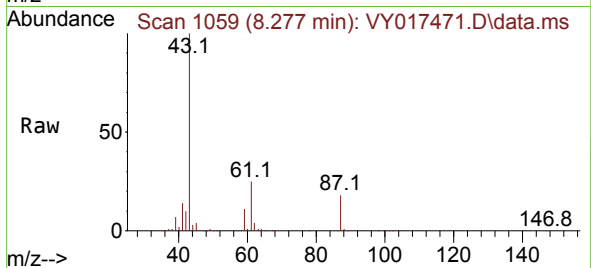
Tgt Ion: 43 Resp: 171408

Ion Ratio Lower Upper

43 100

61 35.2 27.9 41.9

87 17.0 13.1 19.7



#44

Trichloroethene

Concen: 91.991 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017471.D

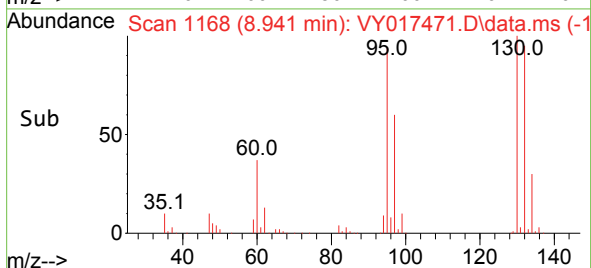
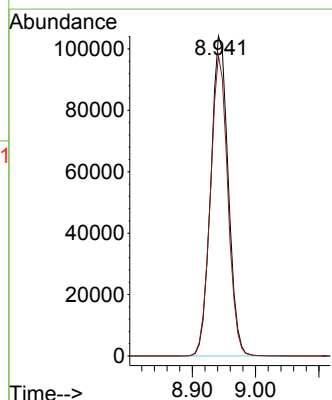
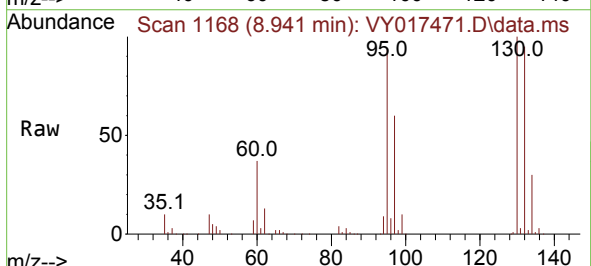
Acq: 23 Feb 2024 17:57

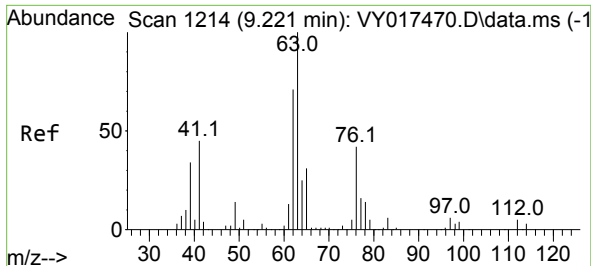
Tgt Ion:130 Resp: 200111

Ion Ratio Lower Upper

130 100

95 94.0 0.0 188.0

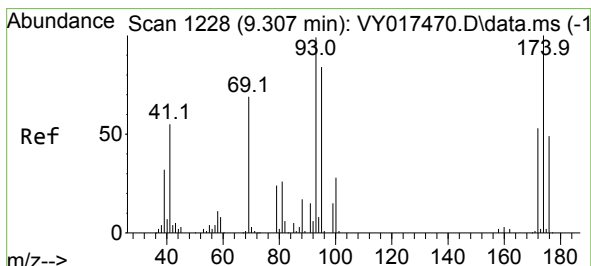
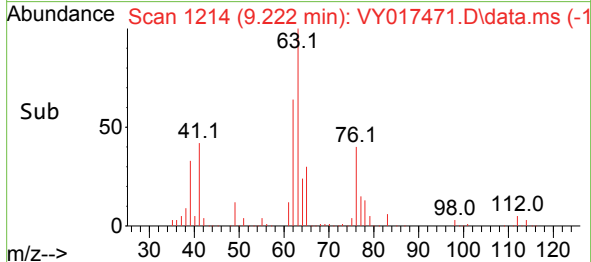
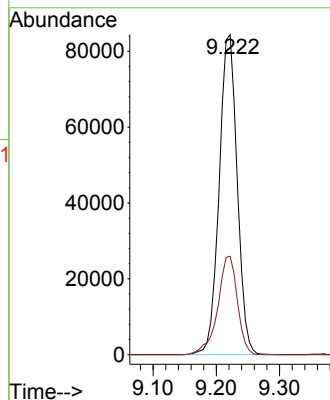
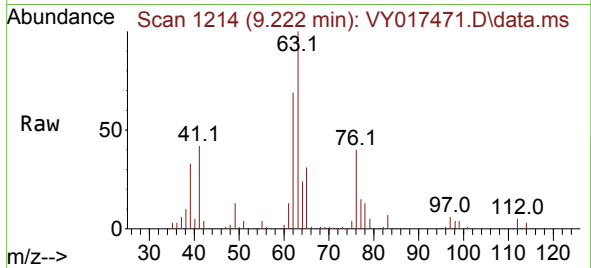




#45
1,2-Dichloropropane
Concen: 92.683 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

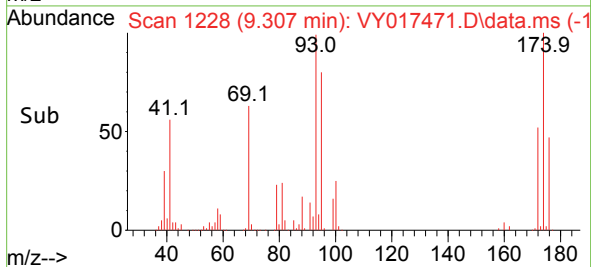
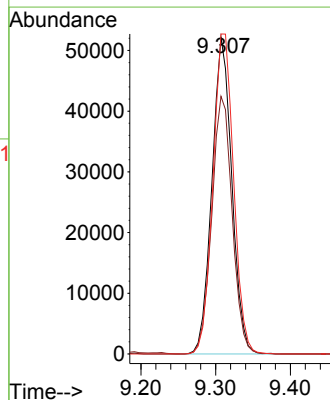
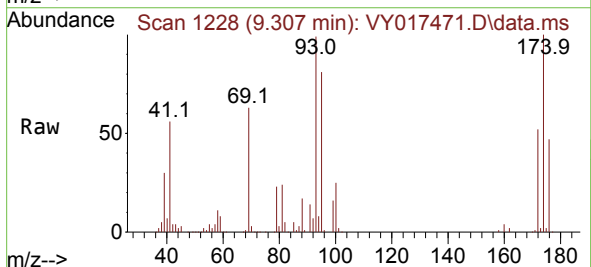
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

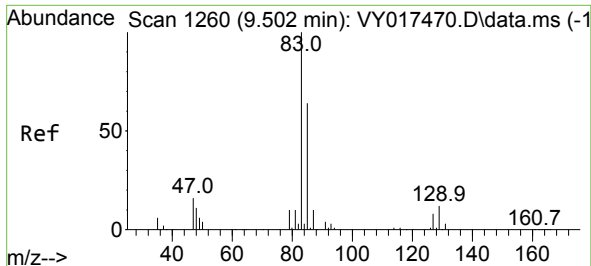
Tgt Ion: 63 Resp: 166420
Ion Ratio Lower Upper
63 100
65 30.8 25.4 38.2



#46
Dibromomethane
Concen: 93.833 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 93 Resp: 96425
Ion Ratio Lower Upper
93 100
95 83.4 66.2 99.4
174 105.2 80.9 121.3

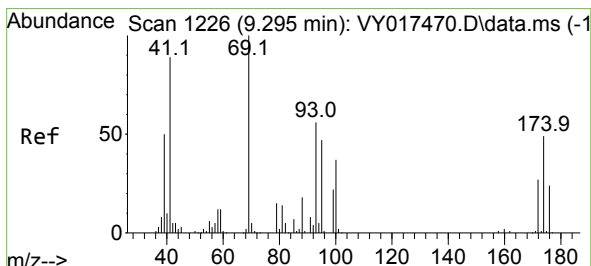
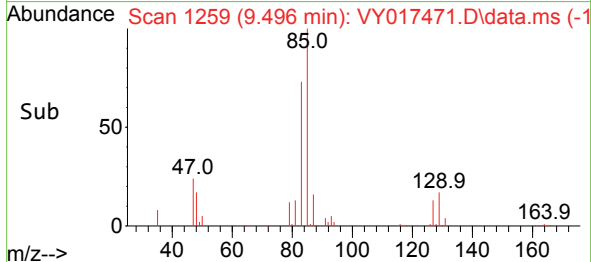
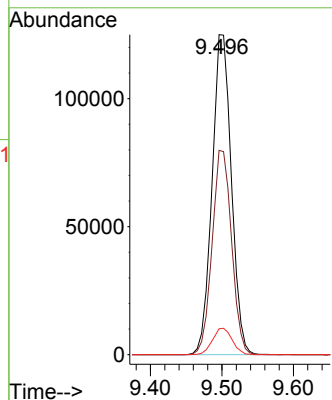
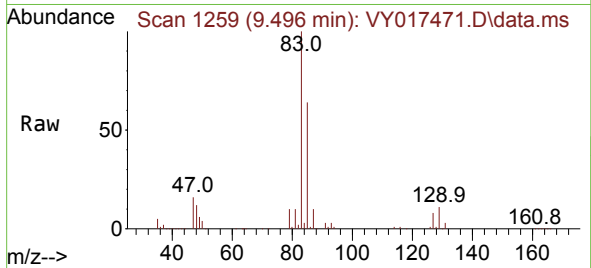




#47
Bromodichloromethane
Concen: 93.908 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

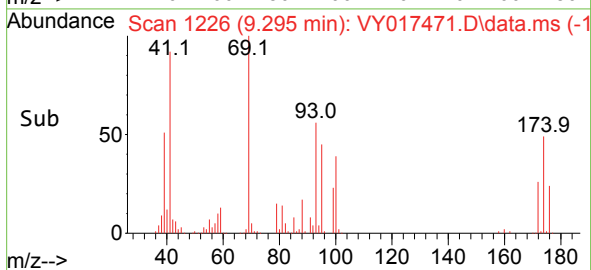
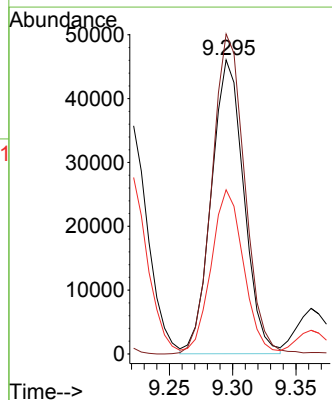
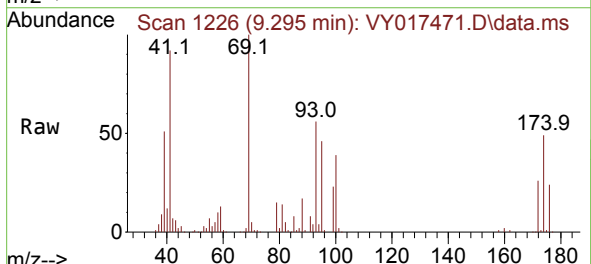
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

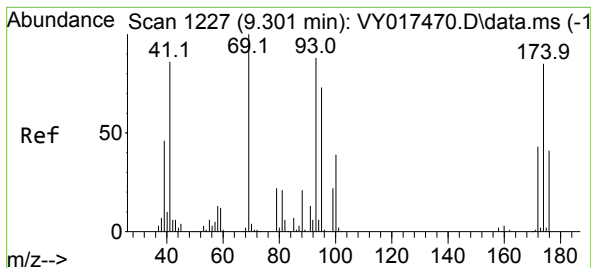
Tgt Ion: 83 Resp: 234315
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 100.734 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 41 Resp: 82244
Ion Ratio Lower Upper
41 100
69 110.0 84.1 126.1
39 53.2 43.6 65.4





#49

1,4-Dioxane

Concen: 1994.709 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

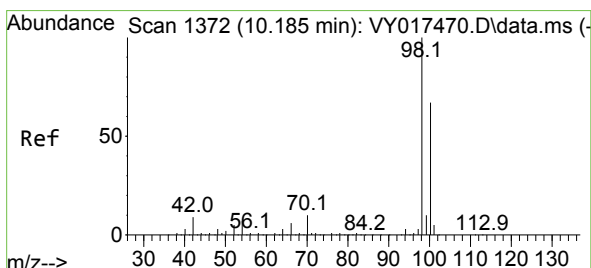
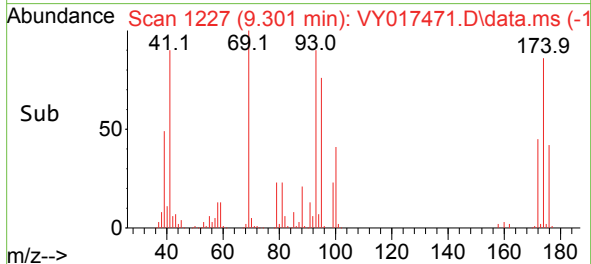
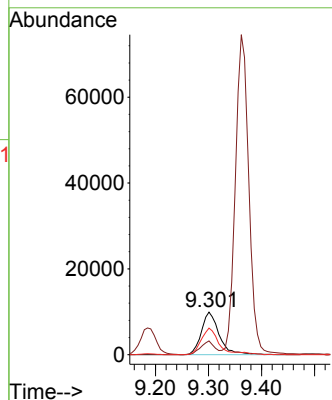
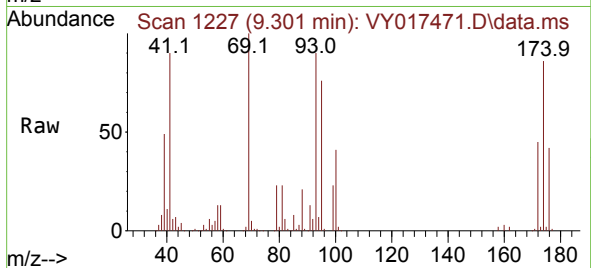
Tgt Ion: 88 Resp: 23198

Ion Ratio Lower Upper

88 100

43 24.8 0.0 0.0#

58 63.0 49.3 73.9



#50

Toluene-d8

Concen: 95.651 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017471.D

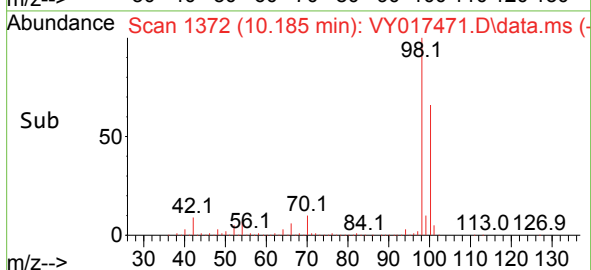
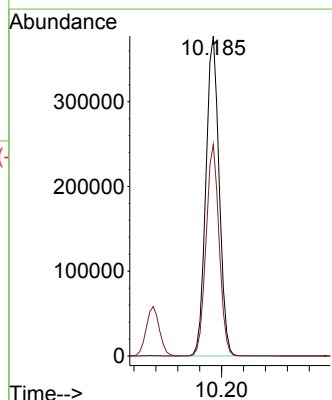
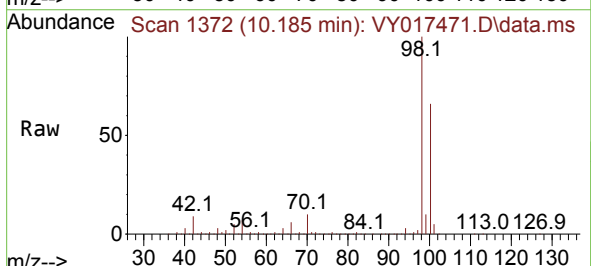
Acq: 23 Feb 2024 17:57

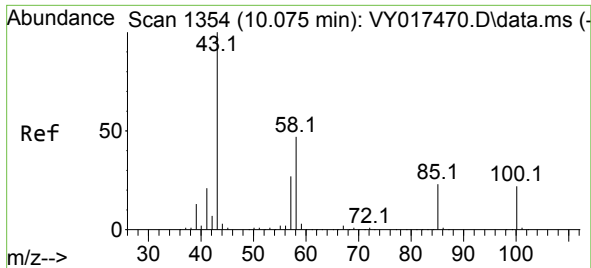
Tgt Ion: 98 Resp: 629931

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

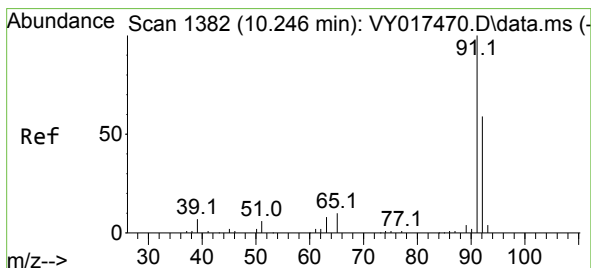
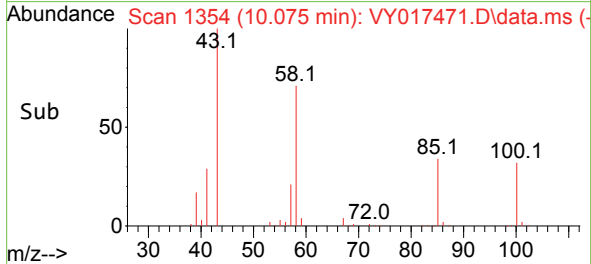
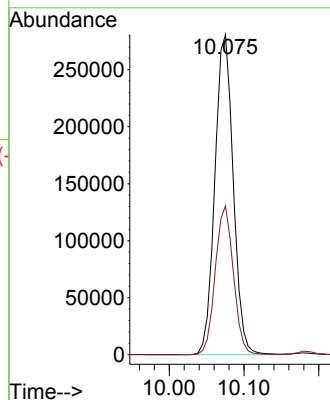
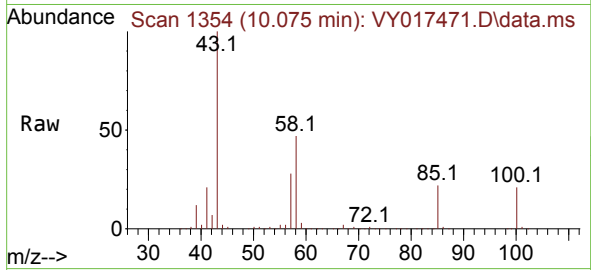




#51
4-Methyl-2-Pentanone
Concen: 488.418 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

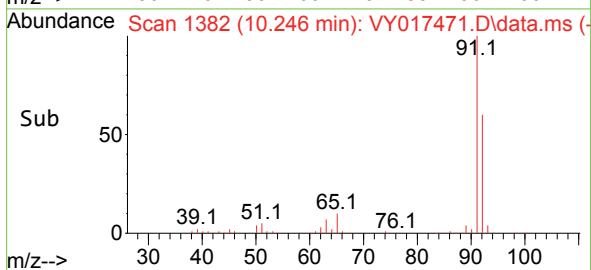
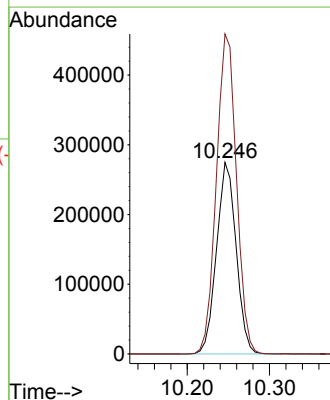
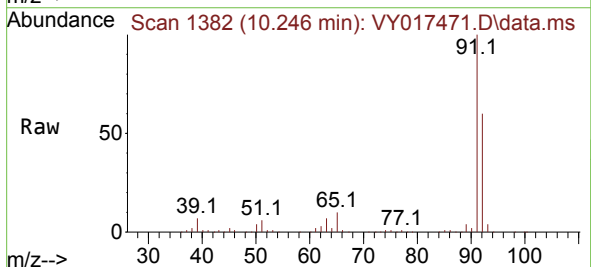
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

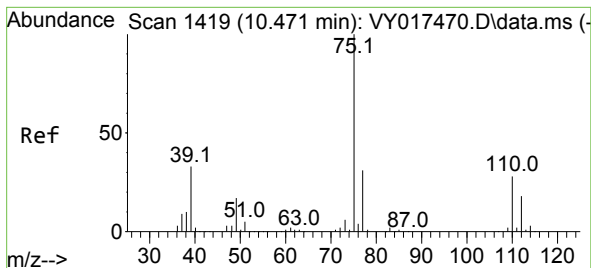
Tgt Ion: 43 Resp: 480137
Ion Ratio Lower Upper
43 100
58 45.9 35.7 53.5



#52
Toluene
Concen: 95.502 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 92 Resp: 454383
Ion Ratio Lower Upper
92 100
91 171.4 139.0 208.6

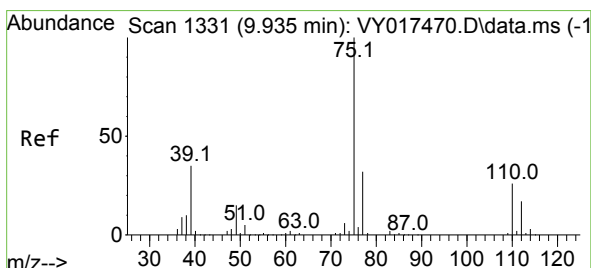
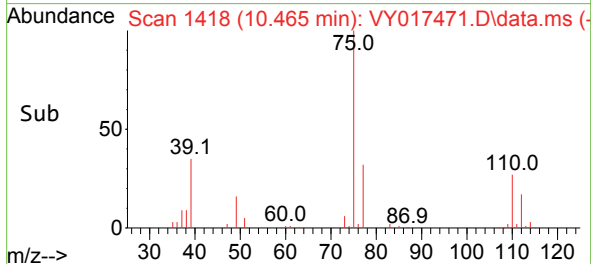
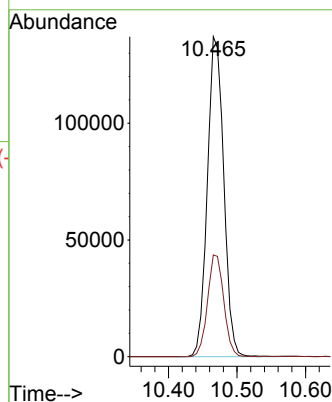
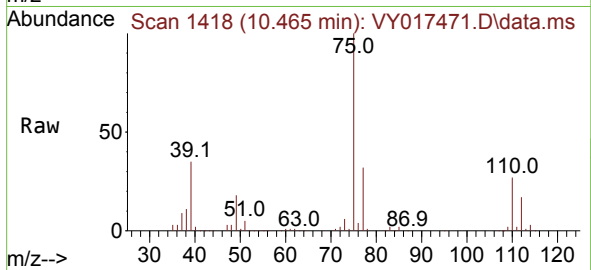




#53
 t-1,3-Dichloropropene
 Concen: 98.596 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017471.D
 Acq: 23 Feb 2024 17:57

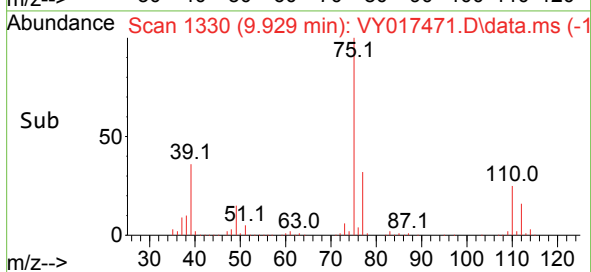
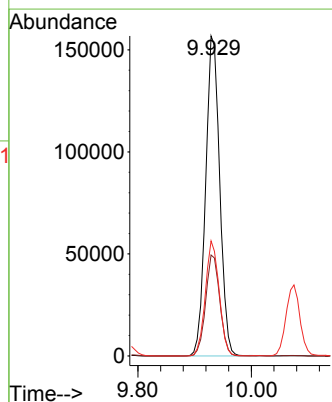
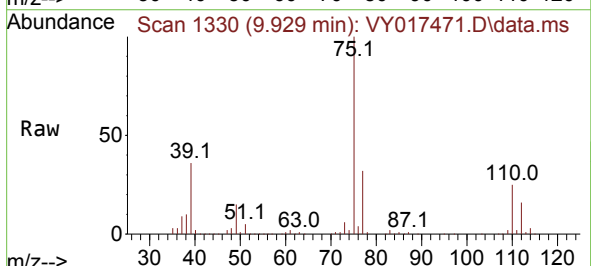
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

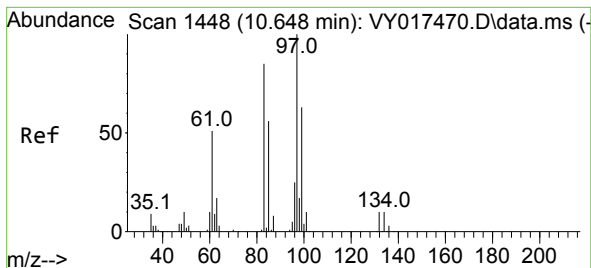
Tgt Ion: 75 Resp: 228343
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 95.793 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017471.D
 Acq: 23 Feb 2024 17:57

Tgt Ion: 75 Resp: 269569
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 36.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 93.326 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 136166

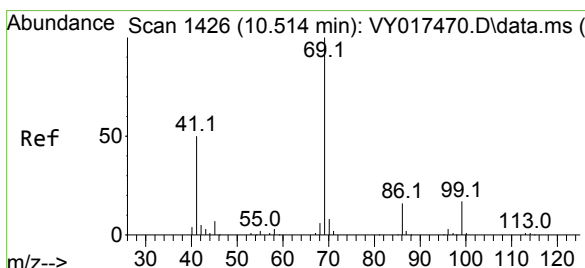
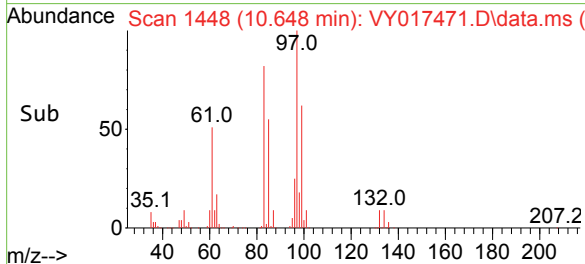
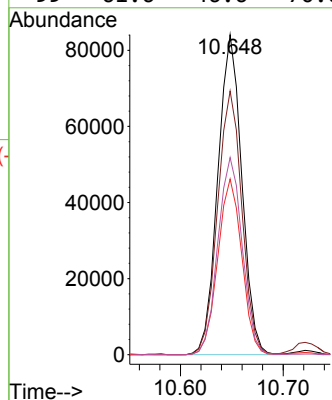
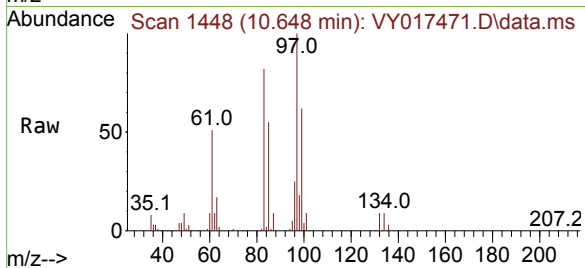
Ion Ratio Lower Upper

97 100

83 82.4 67.5 101.3

85 54.9 42.9 64.3

99 61.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 92.637 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

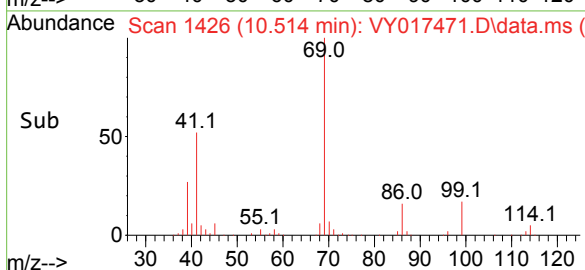
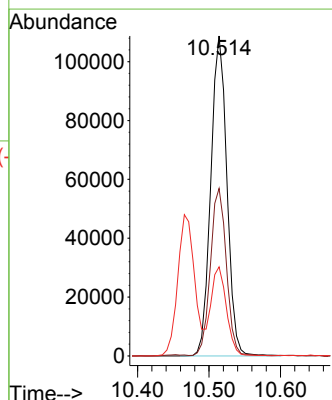
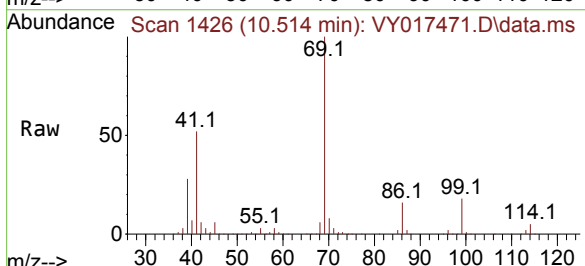
Tgt Ion: 69 Resp: 170368

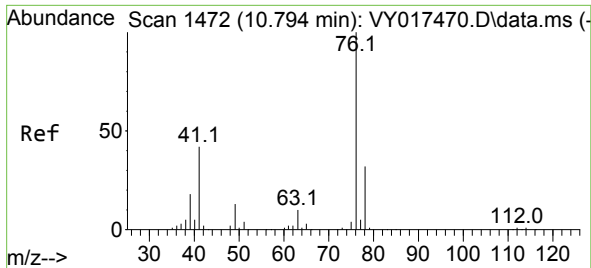
Ion Ratio Lower Upper

69 100

41 51.6 42.3 63.5

39 27.8 22.9 34.3

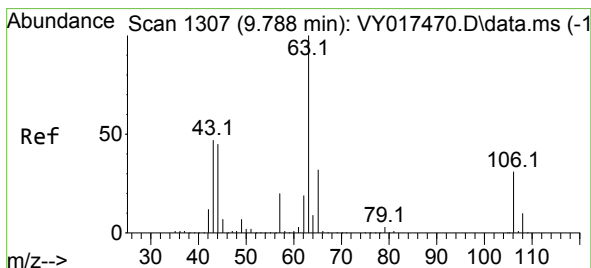
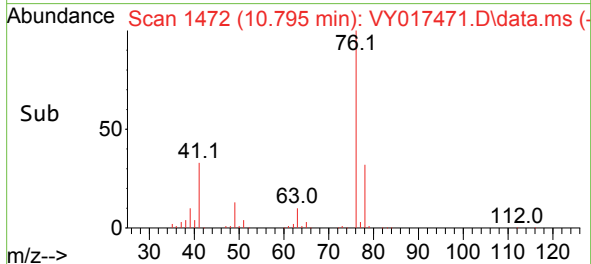
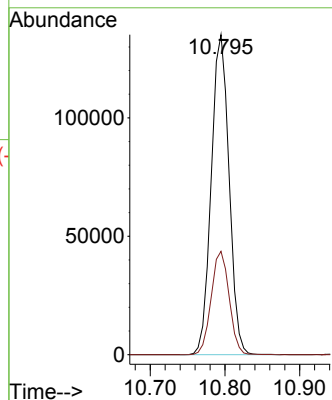
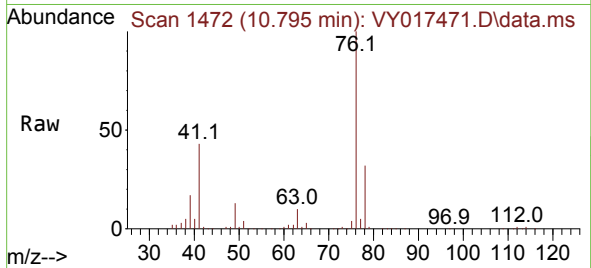




#57
1,3-Dichloropropane
Concen: 94.181 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

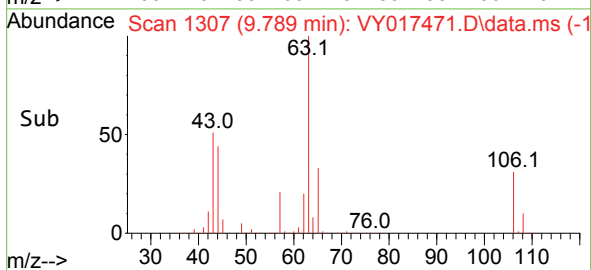
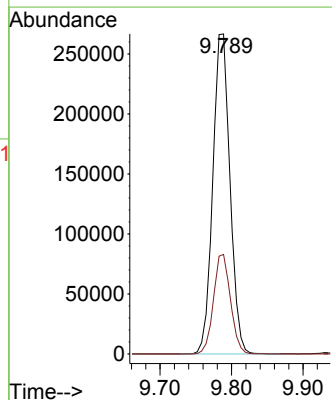
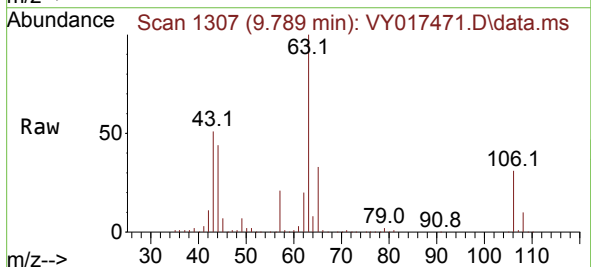
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

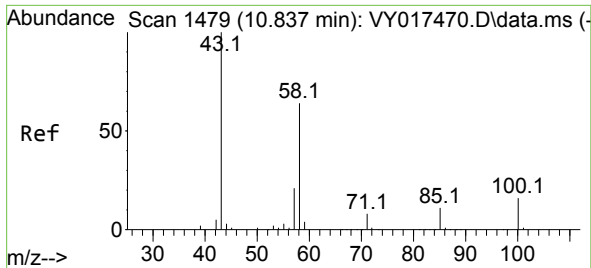
Tgt Ion: 76 Resp: 223416
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 528.237 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 63 Resp: 444741
Ion Ratio Lower Upper
63 100
106 30.8 23.7 35.5

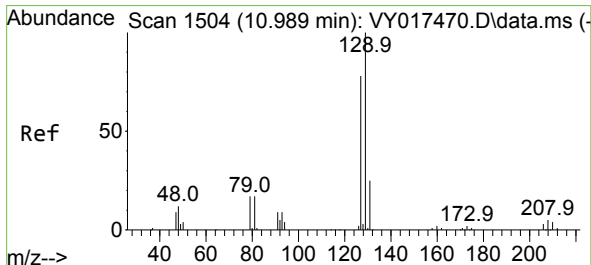
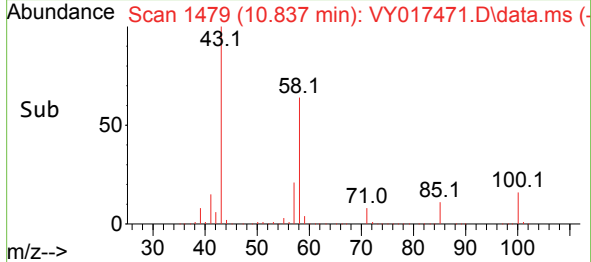
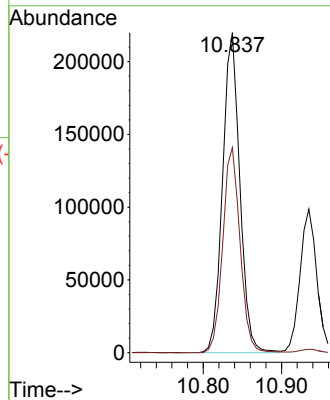
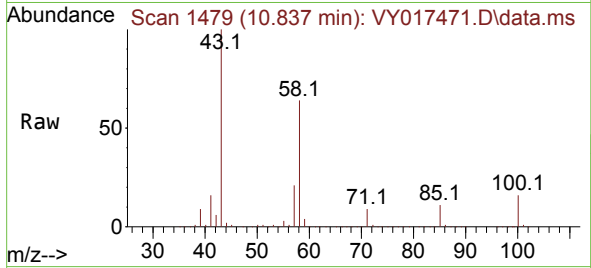




#59
2-Hexanone
Concen: 499.324 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

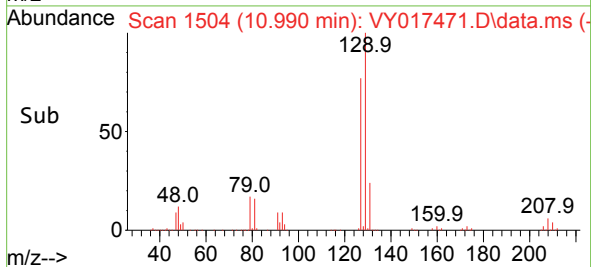
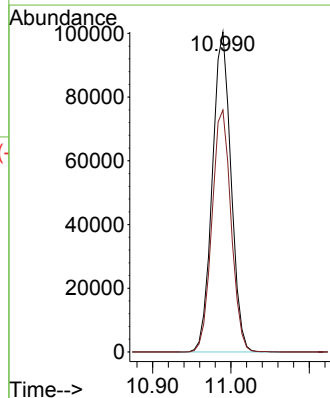
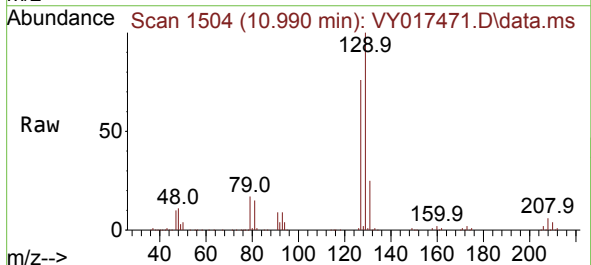
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

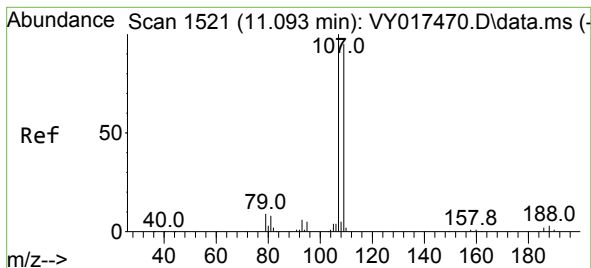
Tgt Ion: 43 Resp: 337160
Ion Ratio Lower Upper
43 100
58 64.4 31.4 94.0



#60
Dibromochloromethane
Concen: 96.283 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 129 Resp: 166188
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

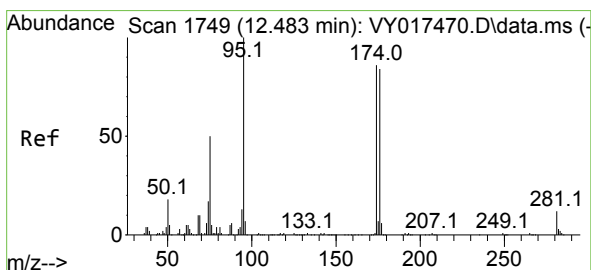
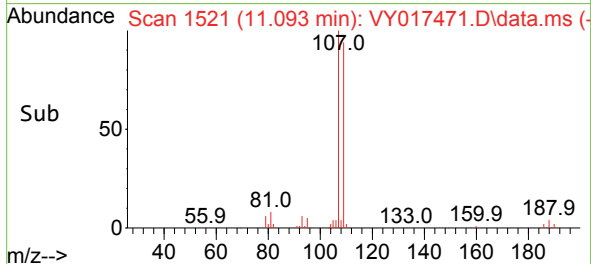
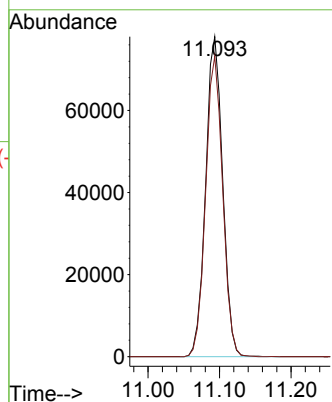
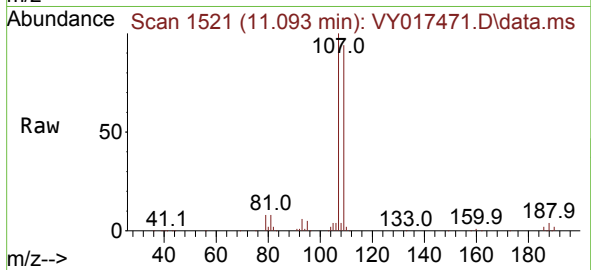




#61
1,2-Dibromoethane
Concen: 95.840 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

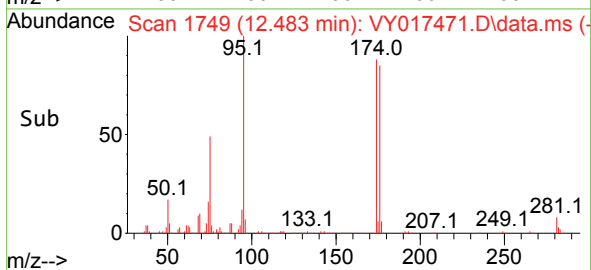
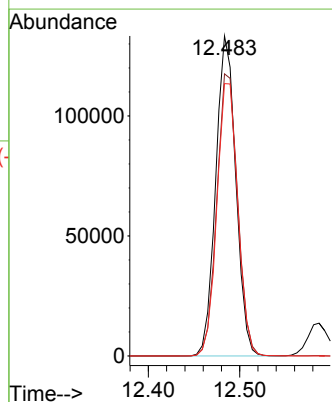
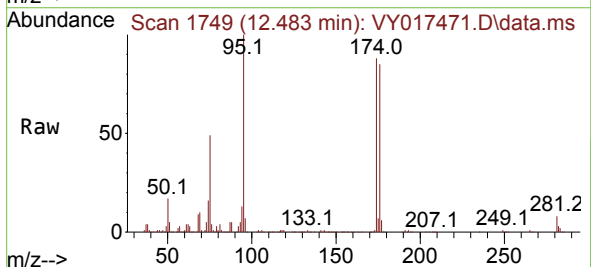
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

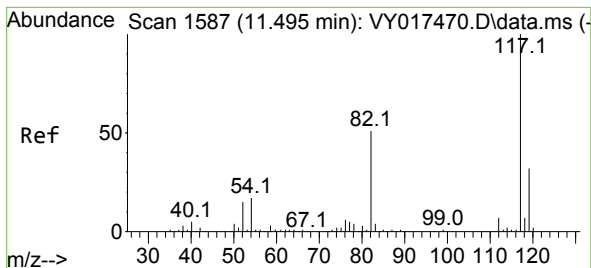
Tgt Ion:107 Resp: 128862
Ion Ratio Lower Upper
107 100
109 94.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 98.330 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 95 Resp: 203516
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 88.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

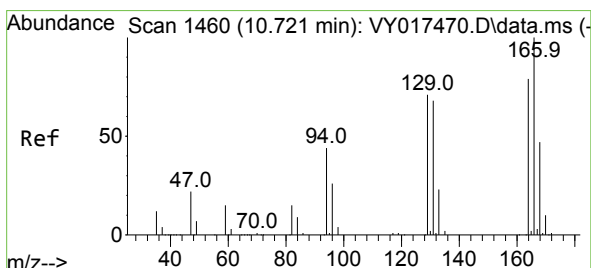
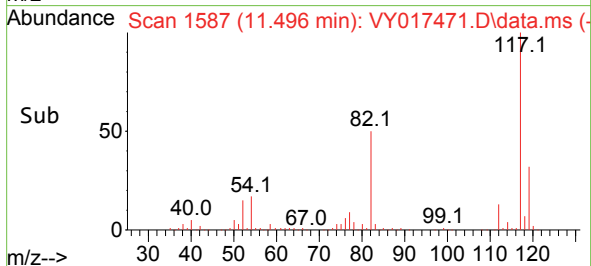
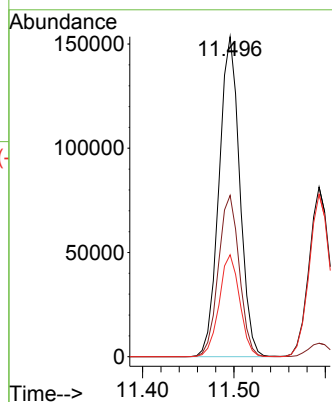
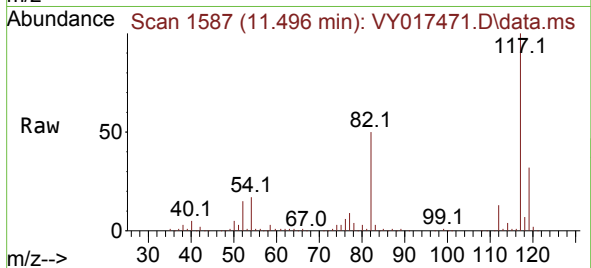
Tgt Ion:117 Resp: 241922

Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 88.951 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Tgt Ion:164 Resp: 206547

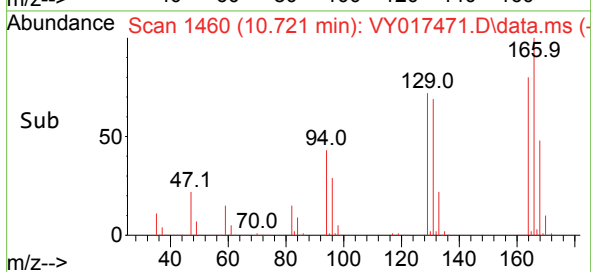
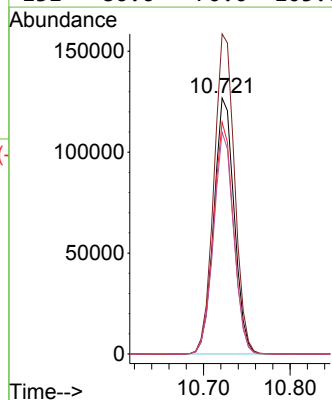
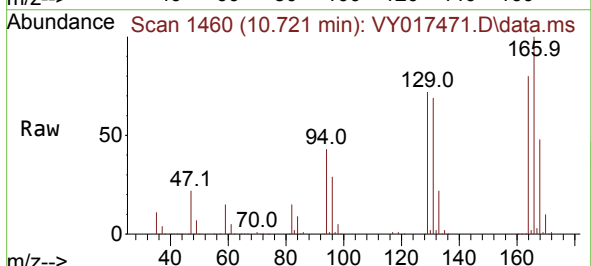
Ion Ratio Lower Upper

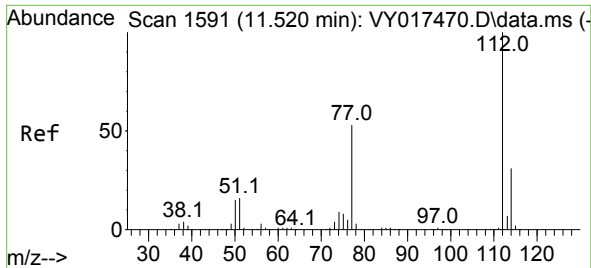
164 100

166 125.1 102.6 154.0

129 90.6 72.0 108.0

131 86.6 70.0 105.0

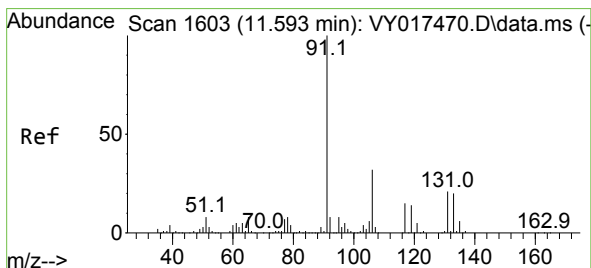
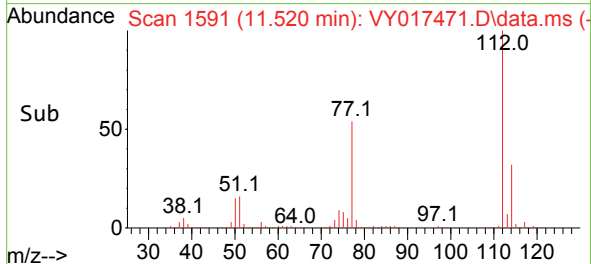
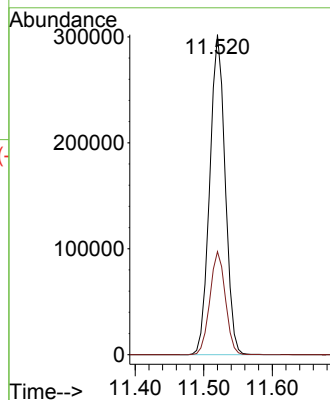
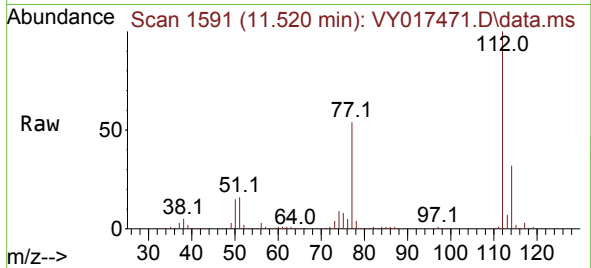




#65
Chlorobenzene
Concen: 92.117 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

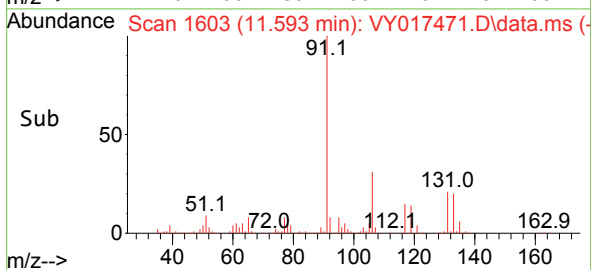
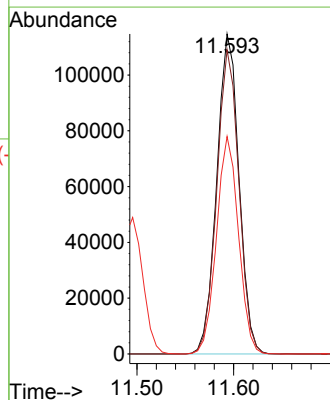
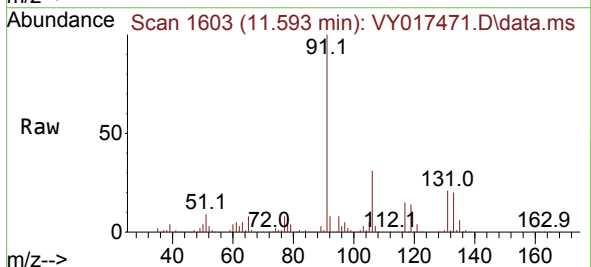
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

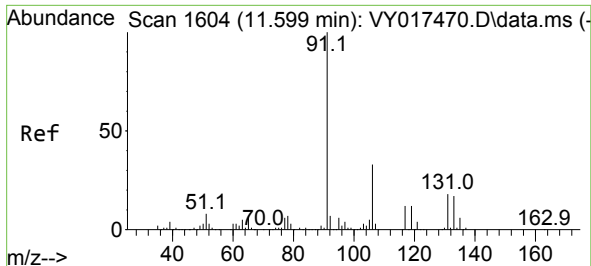
Tgt Ion:112 Resp: 473015
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 95.194 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion:131 Resp: 183128
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.3
119 67.3 34.1 102.2





#67

Ethyl Benzene

Concen: 97.317 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

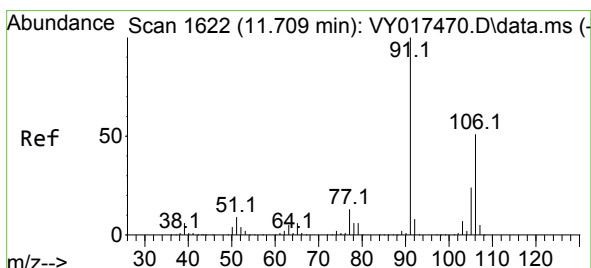
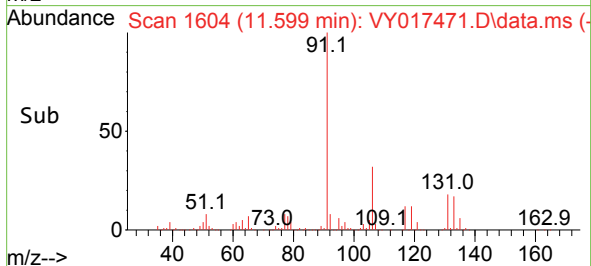
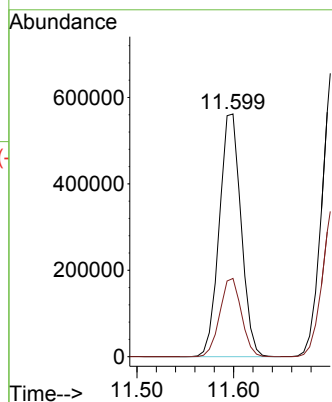
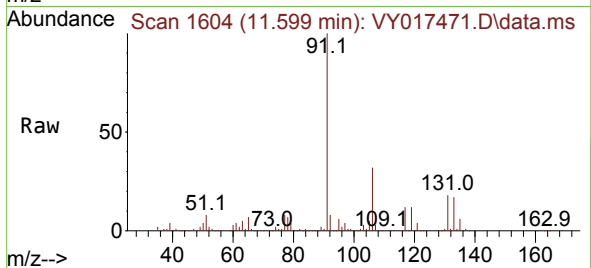
VSTDICC100

Tgt Ion: 91 Resp: 876389

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 195.378 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017471.D

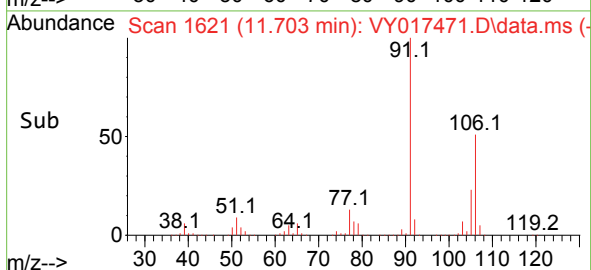
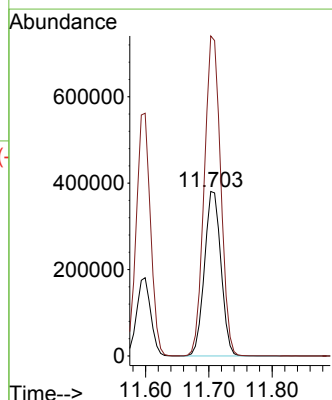
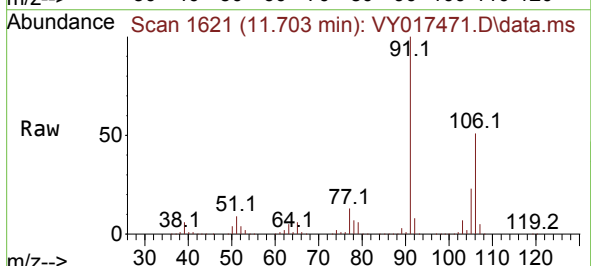
Acq: 23 Feb 2024 17:57

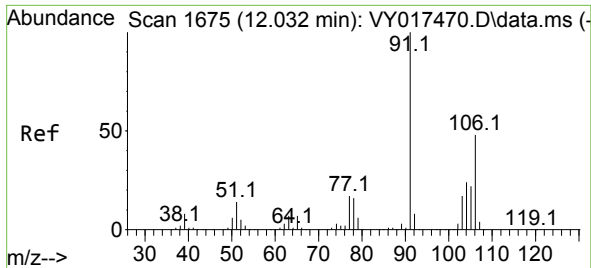
Tgt Ion: 106 Resp: 691367

Ion Ratio Lower Upper

106 100

91 193.9 156.0 234.0

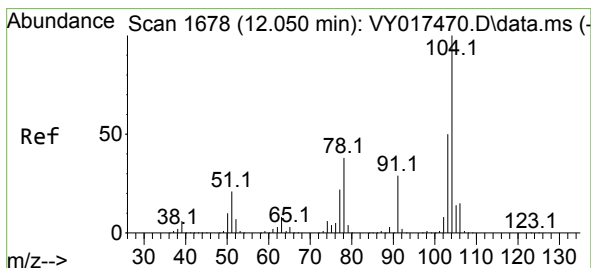
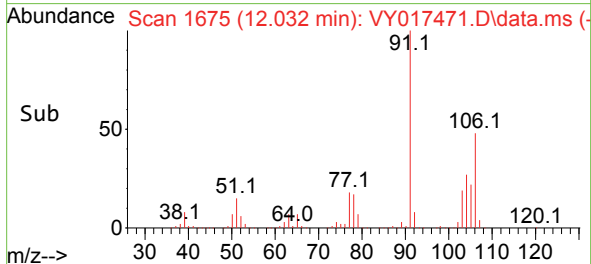
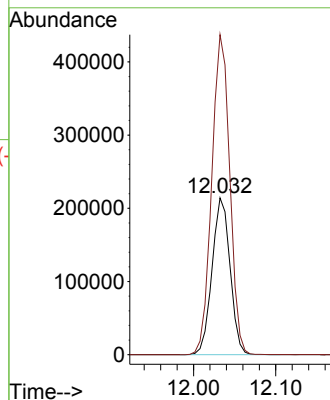
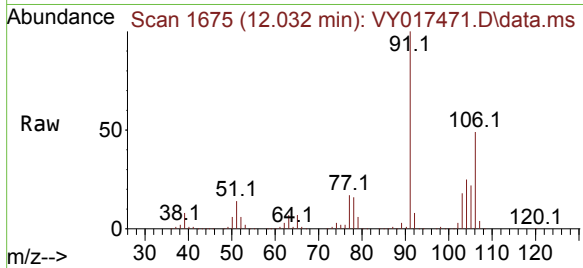




#69
o-Xylene
Concen: 99.197 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

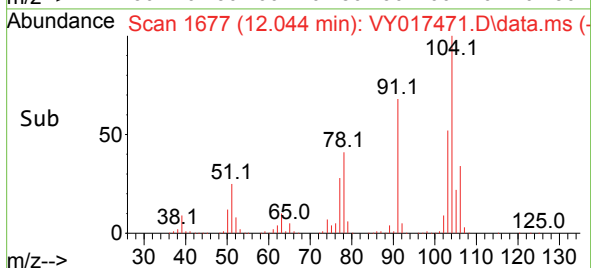
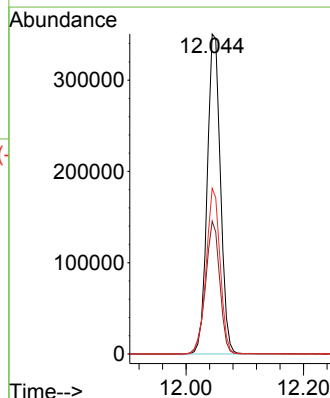
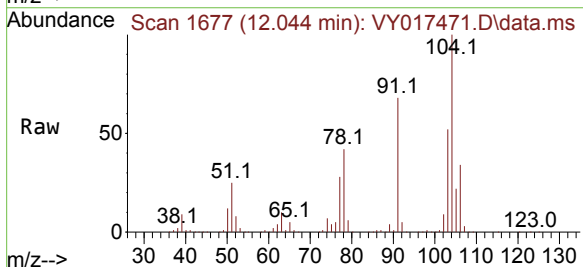
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

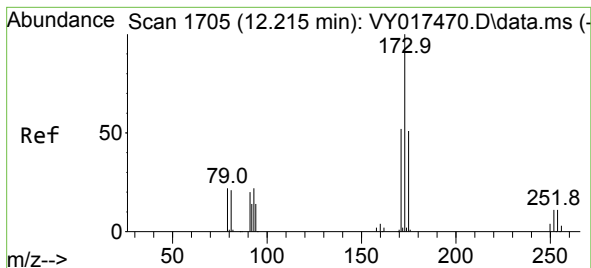
Tgt Ion:106 Resp: 325655
Ion Ratio Lower Upper
106 100
91 204.5 103.6 310.8



#70
Styrene
Concen: 100.757 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion:104 Resp: 549051
Ion Ratio Lower Upper
104 100
78 44.5 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 97.600 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

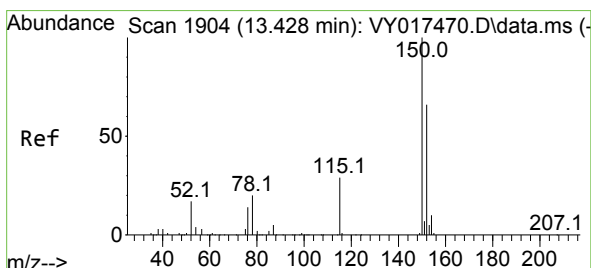
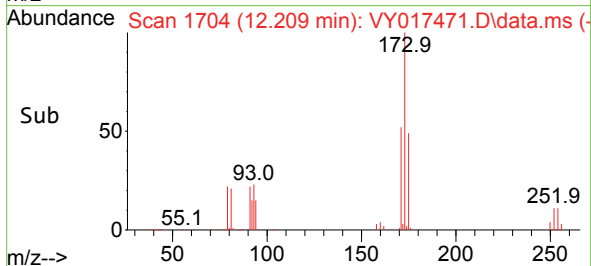
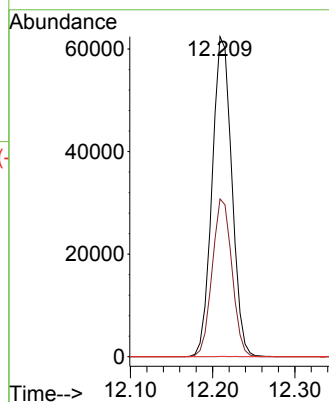
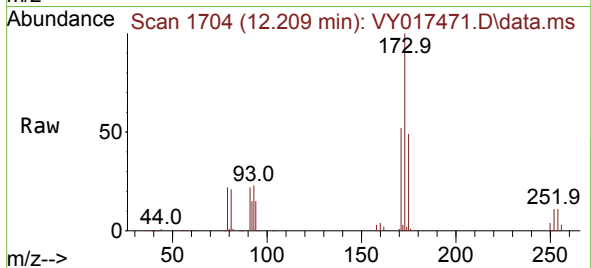
Tgt Ion:173 Resp: 104045

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

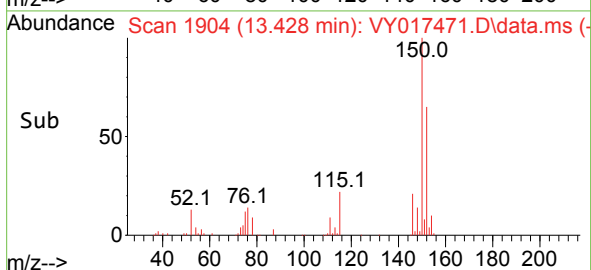
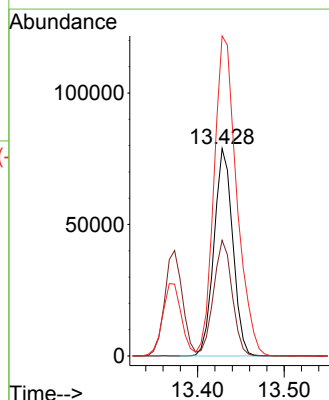
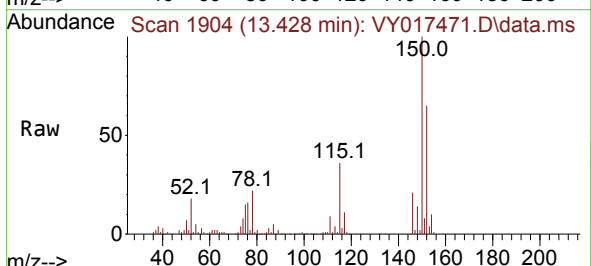
Tgt Ion:152 Resp: 118603

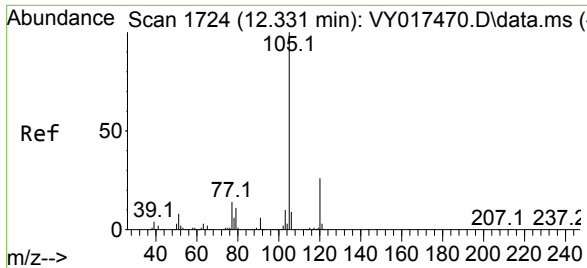
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 186.6 0.0 345.6

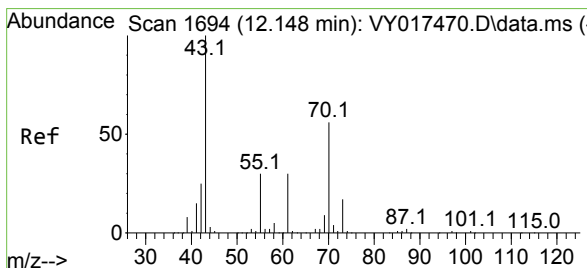
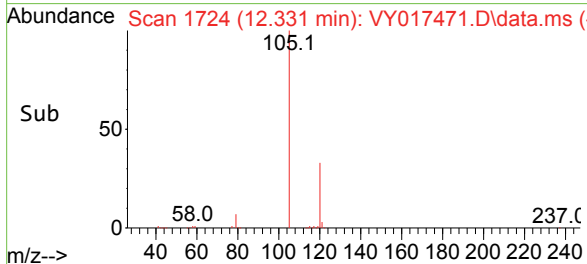
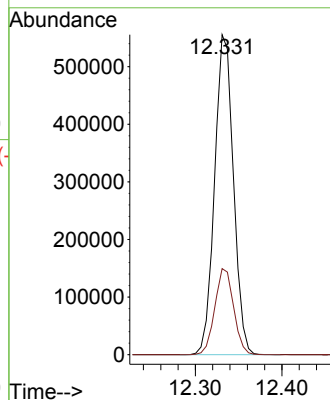
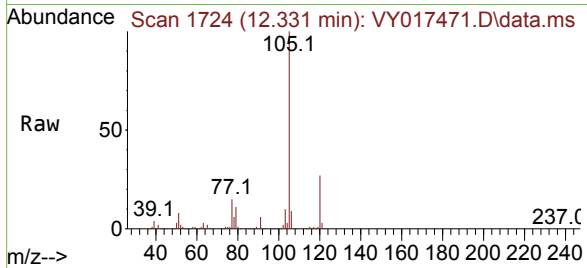




#73
Isopropylbenzene
Concen: 95.072 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

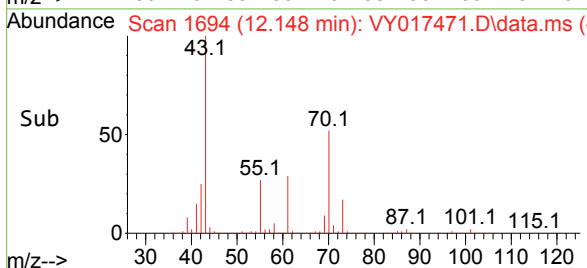
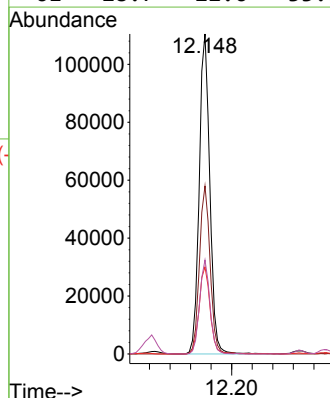
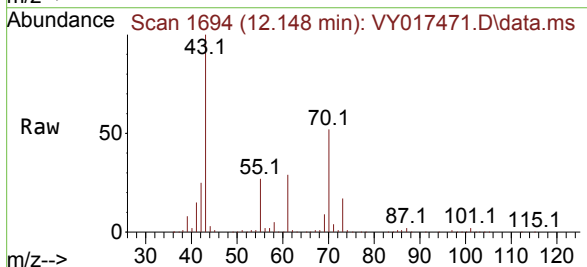
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

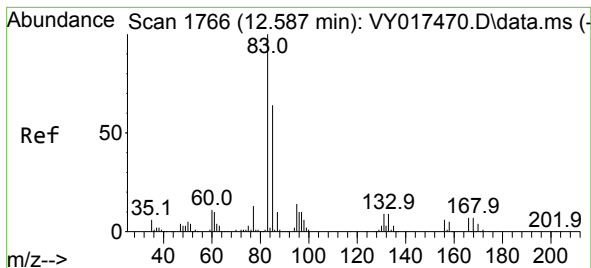
Tgt Ion:105 Resp: 837716
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 101.877 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 43 Resp: 158326
Ion Ratio Lower Upper
43 100
70 53.0 41.4 62.2
55 28.3 23.3 34.9
61 28.7 22.6 33.8

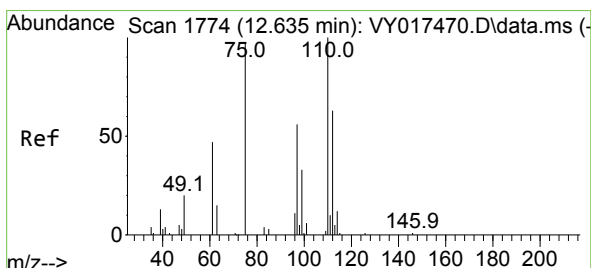
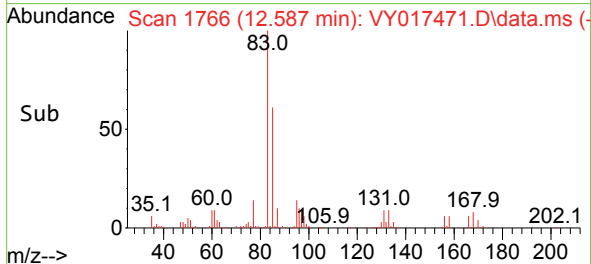
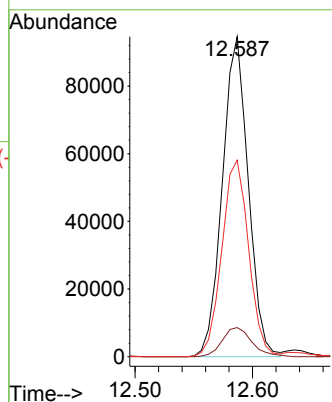
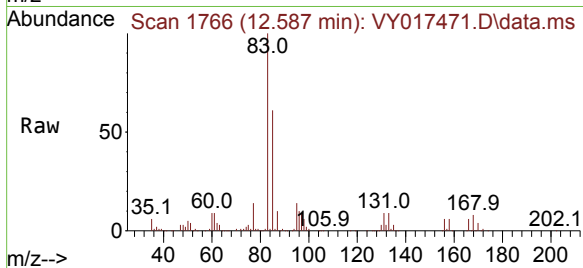




#75
1,1,2,2-Tetrachloroethane
Concen: 95.637 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

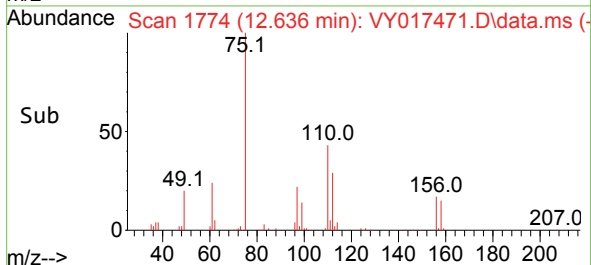
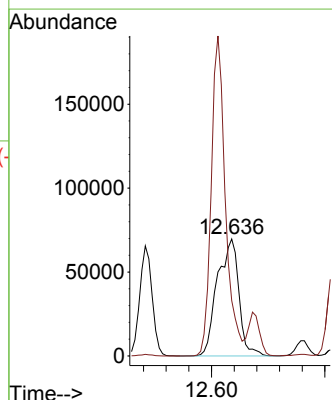
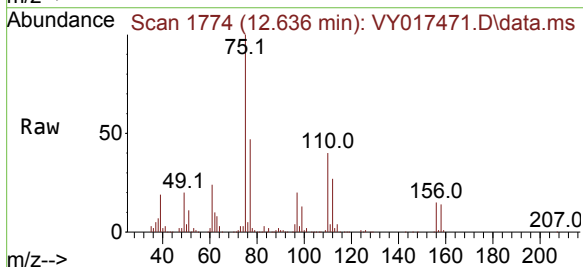
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

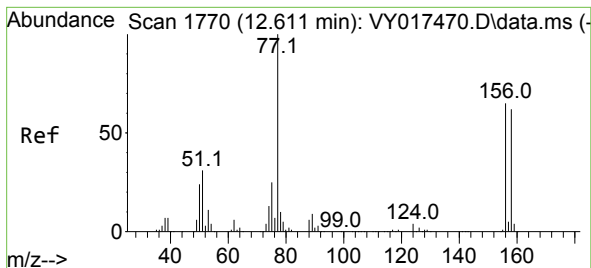
Tgt Ion: 83 Resp: 144709
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 63.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 163.079 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 75 Resp: 183775
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 93.223 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

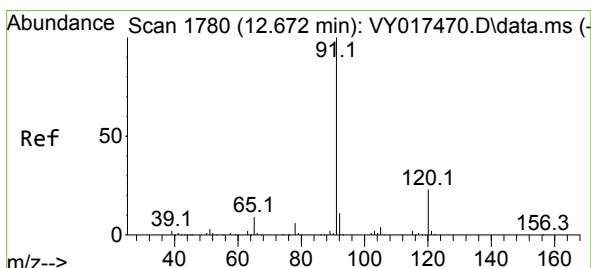
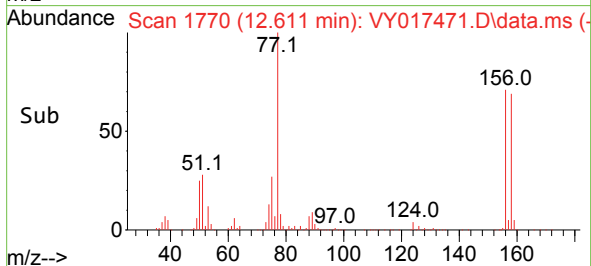
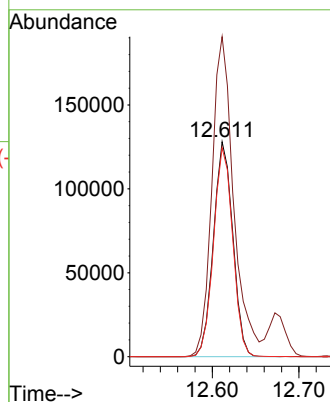
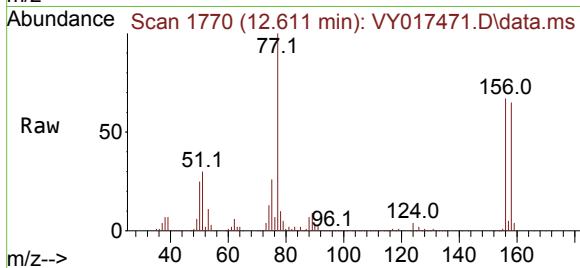
Tgt Ion:156 Resp: 198925

Ion Ratio Lower Upper

156 100

77 166.6 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 94.445 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017471.D

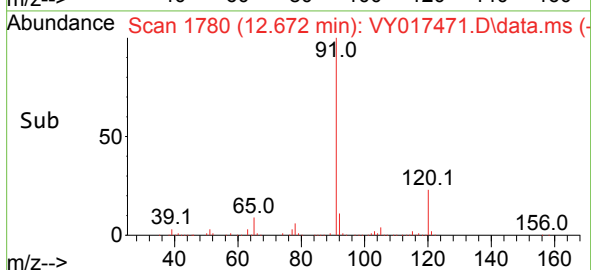
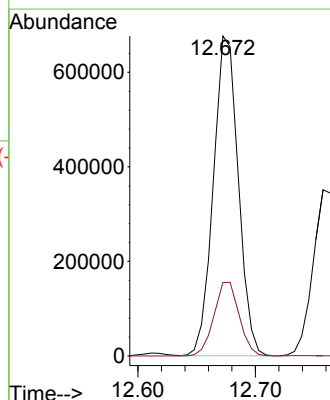
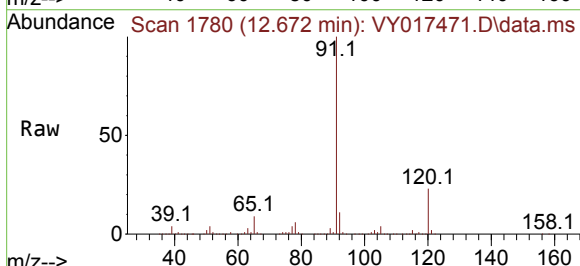
Acq: 23 Feb 2024 17:57

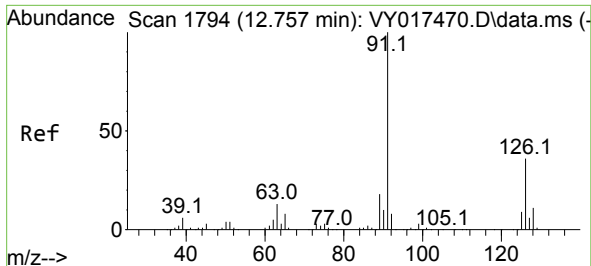
Tgt Ion: 91 Resp: 998552

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

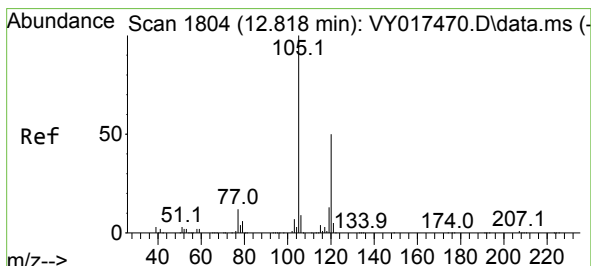
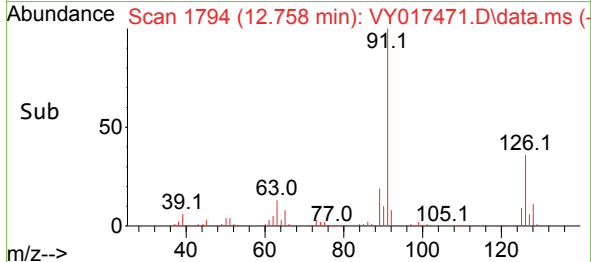
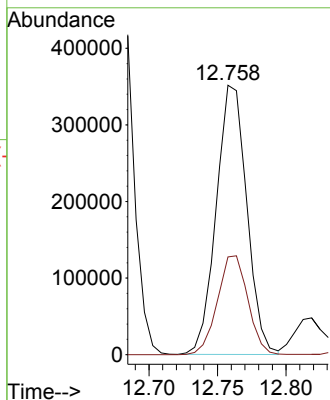
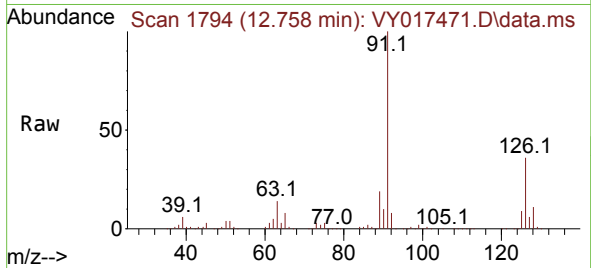




#79
2-Chlorotoluene
Concen: 92.194 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

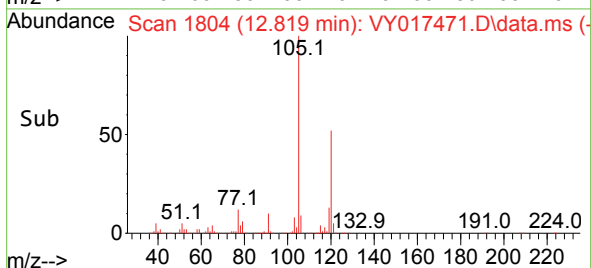
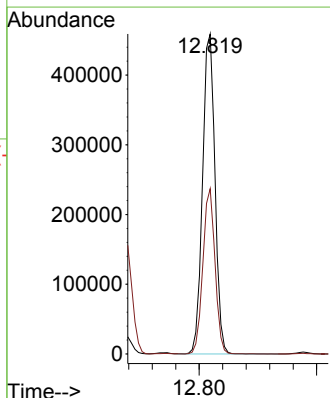
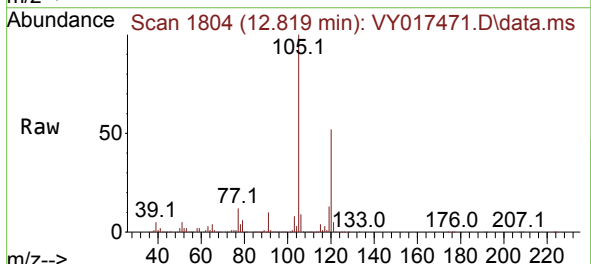
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

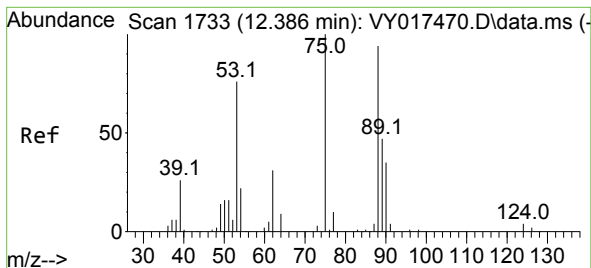
Tgt Ion: 91 Resp: 545741
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 95.592 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 105 Resp: 674823
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.2

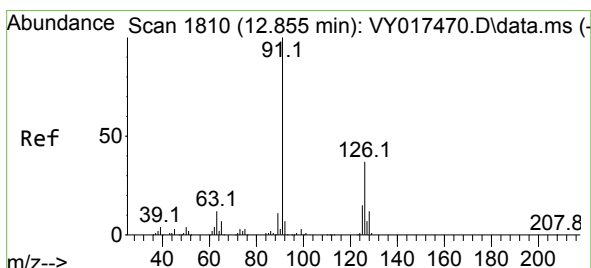
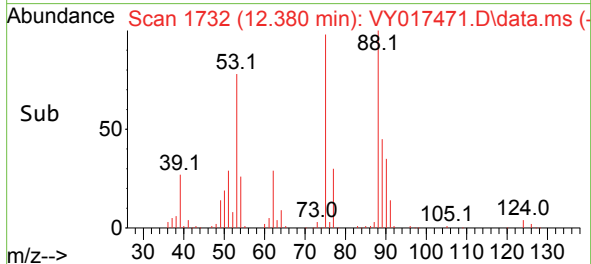
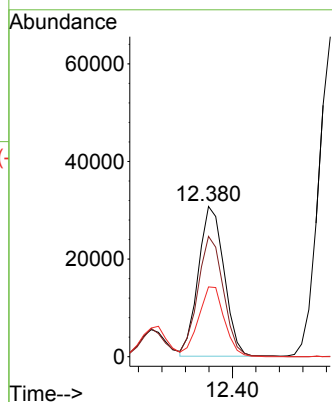
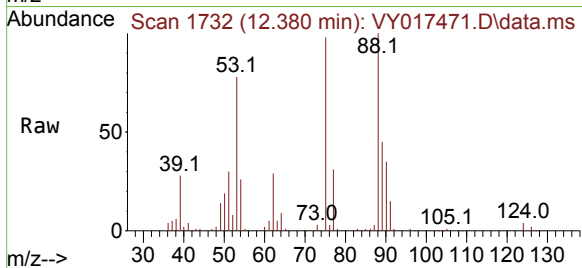




#81
trans-1,4-Dichloro-2-butene
Concen: 95.462 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

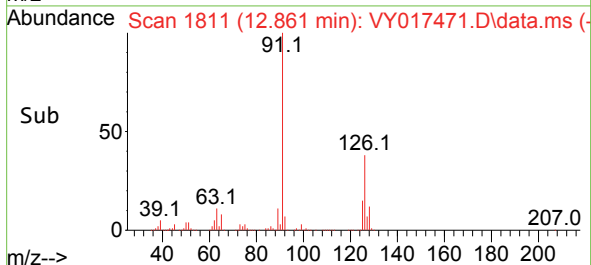
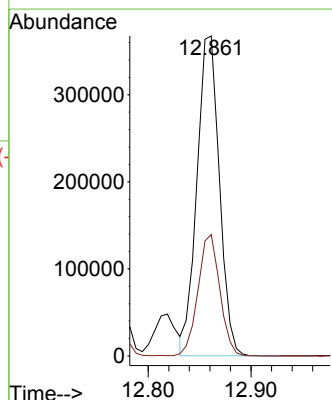
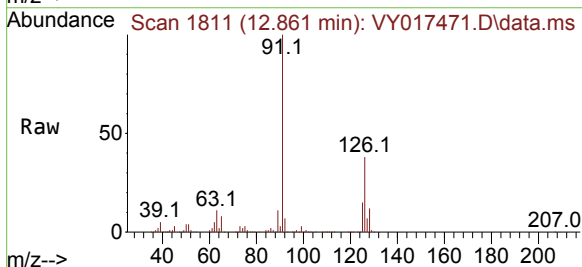
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

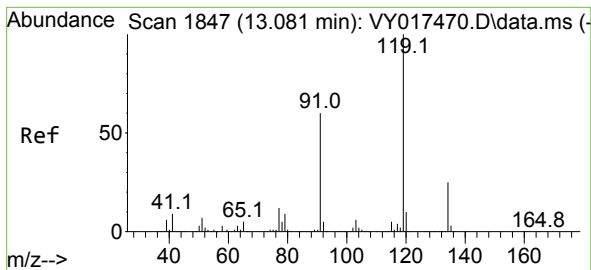
Tgt Ion: 75 Resp: 46818
Ion Ratio Lower Upper
75 100
53 80.2 66.8 100.2
89 46.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 92.319 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 91 Resp: 558947
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 97.131 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

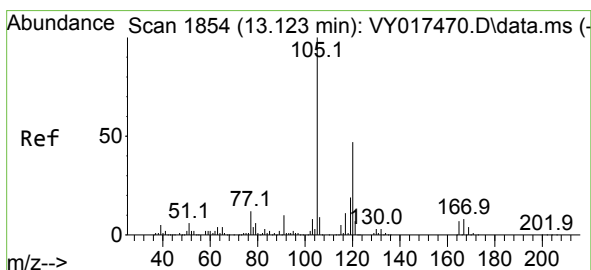
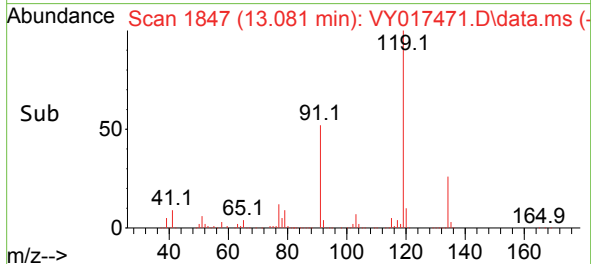
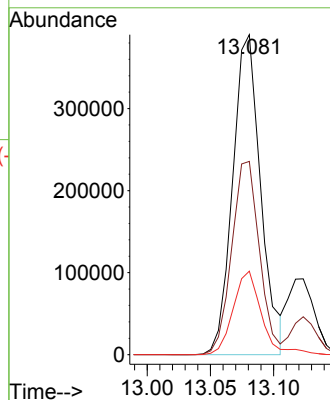
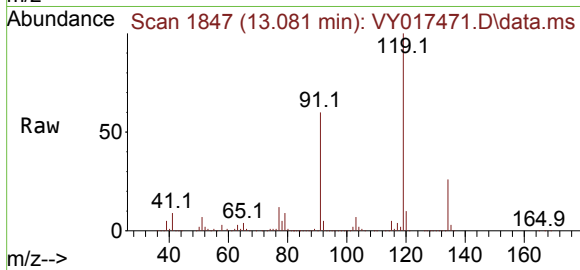
Tgt Ion:119 Resp: 602114

Ion Ratio Lower Upper

119 100

91 59.9 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 97.355 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017471.D

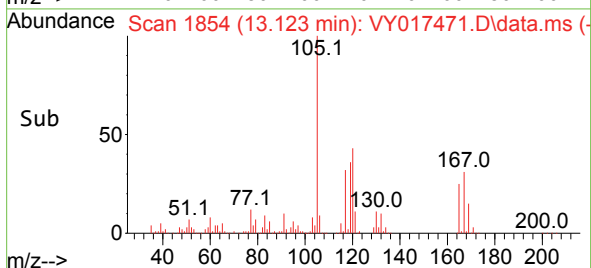
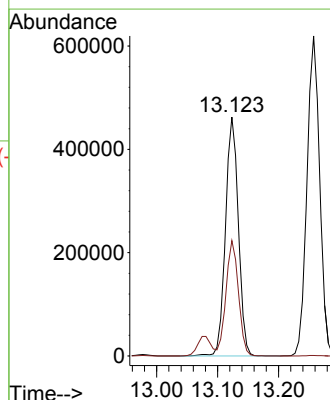
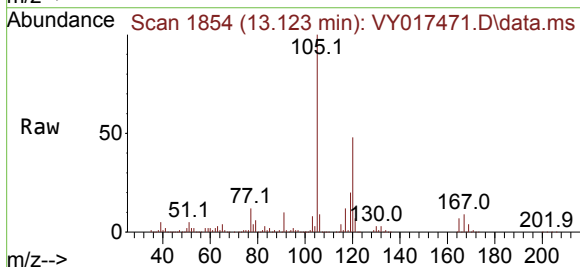
Acq: 23 Feb 2024 17:57

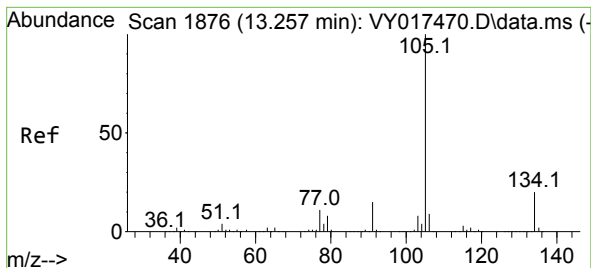
Tgt Ion:105 Resp: 678499

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 94.626 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

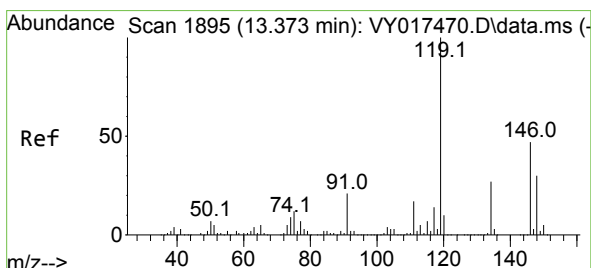
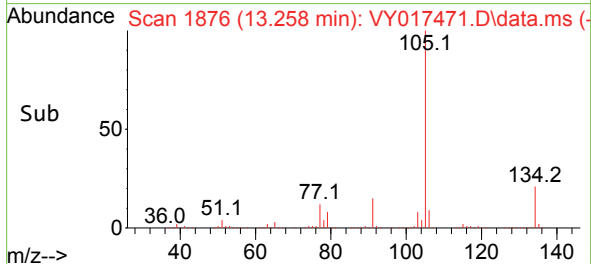
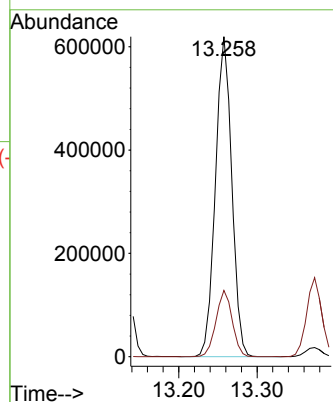
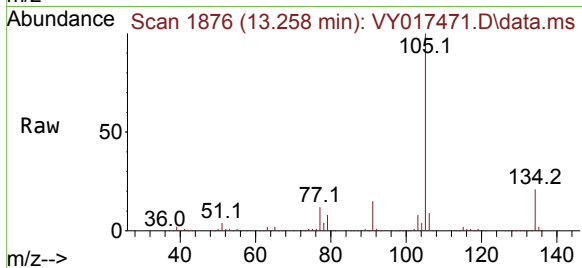
VSTDIC100

Tgt Ion:105 Resp: 896828

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 98.749 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

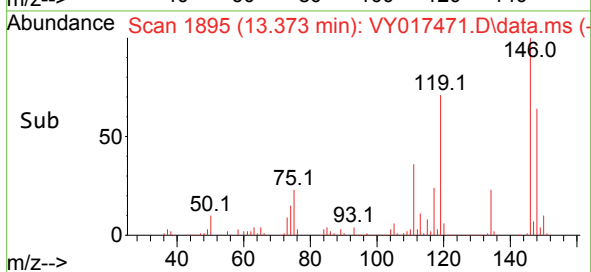
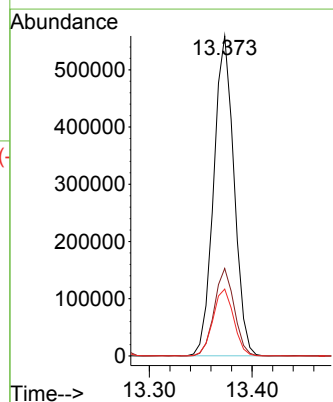
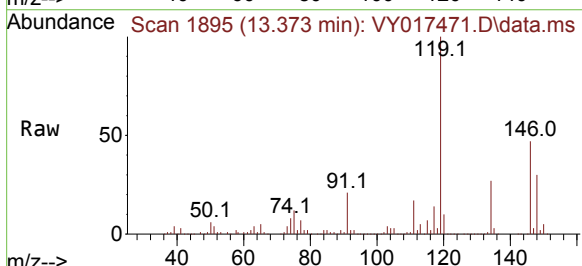
Tgt Ion:119 Resp: 766138

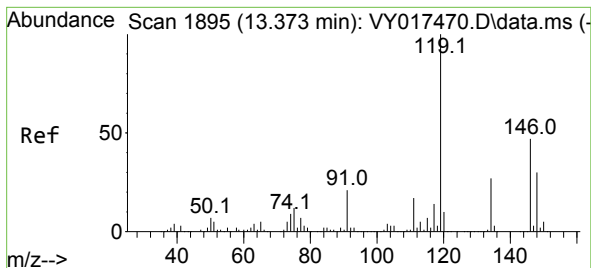
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 93.481 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

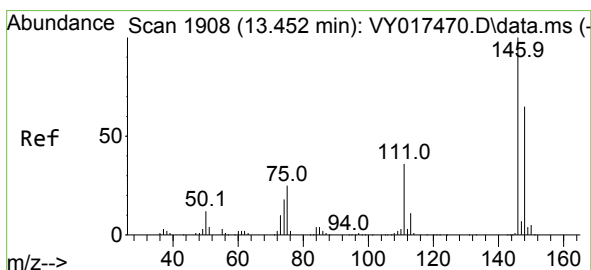
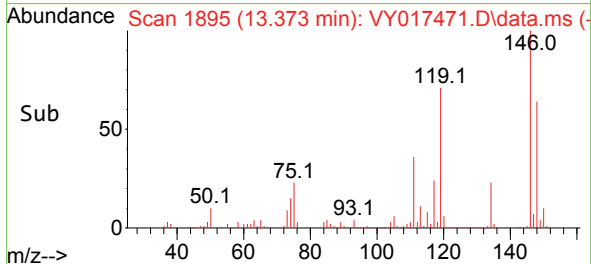
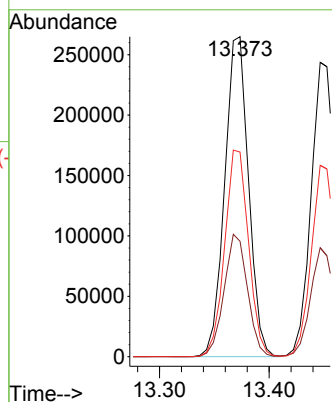
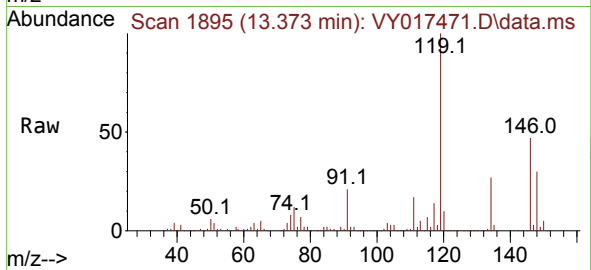
Tgt Ion:146 Resp: 400389

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 64.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 91.048 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

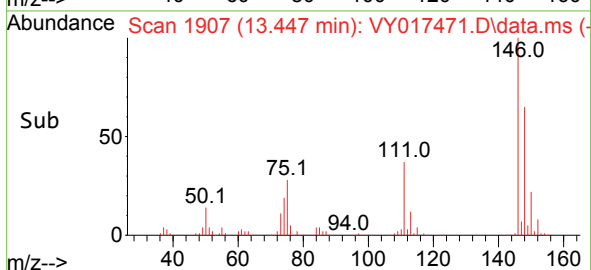
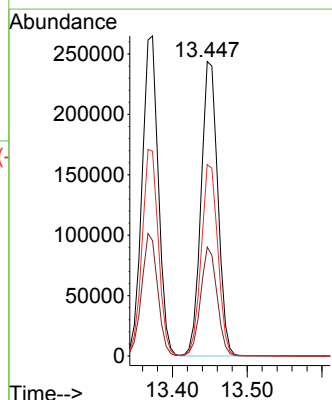
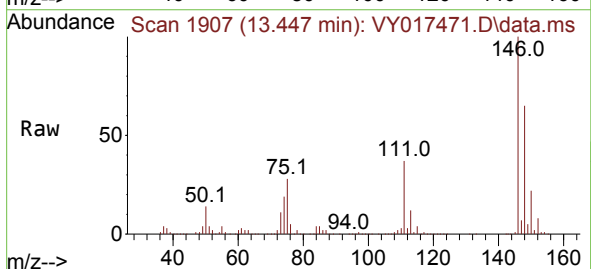
Tgt Ion:146 Resp: 379129

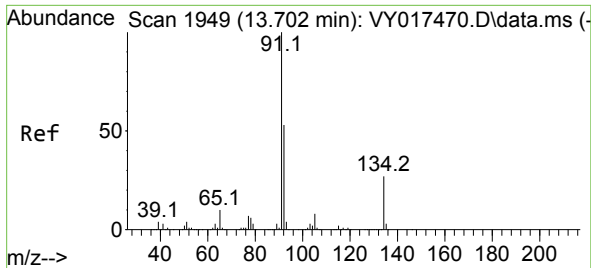
Ion Ratio Lower Upper

146 100

111 36.1 18.4 55.4

148 64.6 32.4 97.2

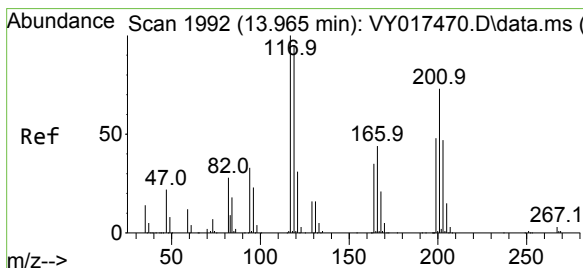
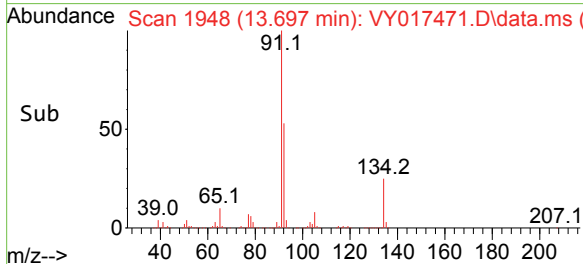
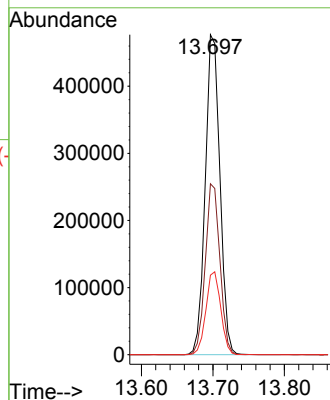
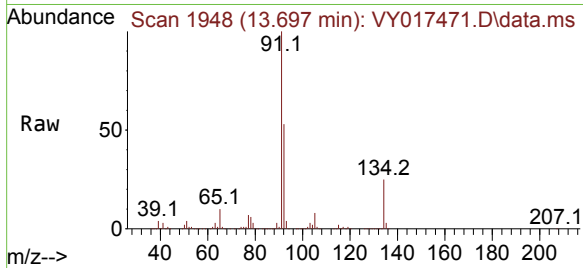




#89
n-Butylbenzene
Concen: 96.057 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

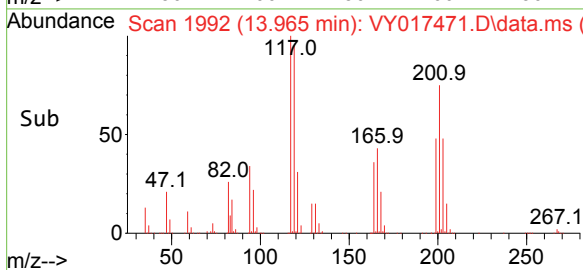
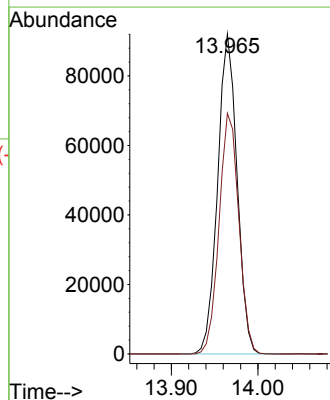
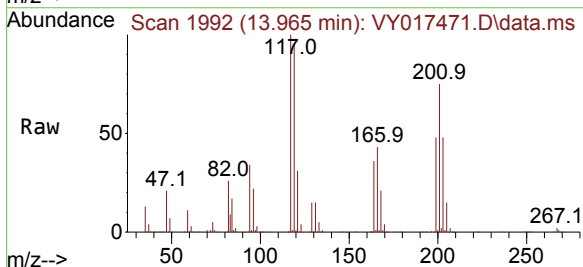
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

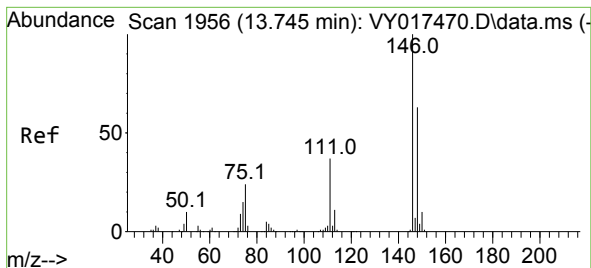
Tgt Ion: 91 Resp: 679940
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.7
134 26.2 12.9 38.7



#90
Hexachloroethane
Concen: 92.301 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017471.D
Acq: 23 Feb 2024 17:57

Tgt Ion: 117 Resp: 143567
Ion Ratio Lower Upper
117 100
201 76.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 93.812 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

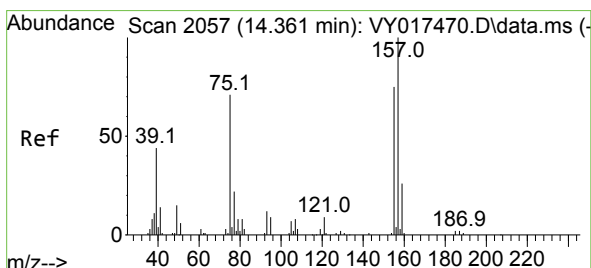
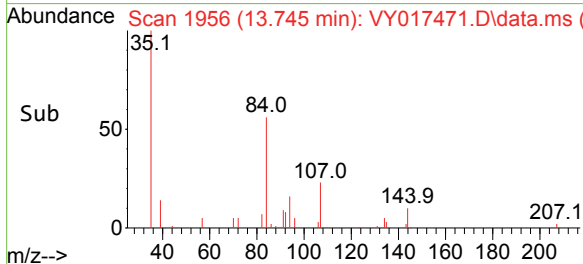
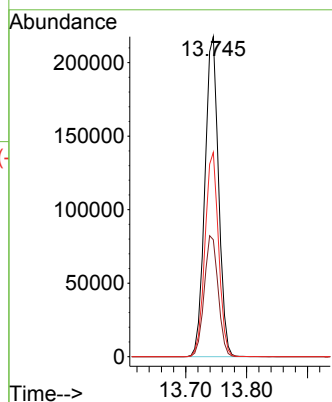
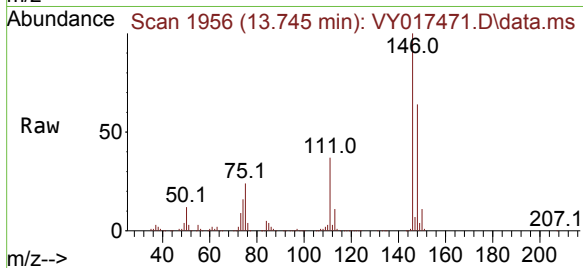
Tgt Ion:146 Resp: 339871

Ion Ratio Lower Upper

146 100

111 38.6 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.755 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

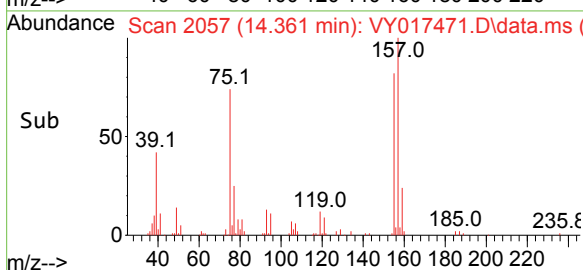
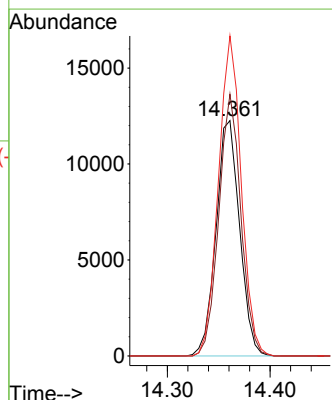
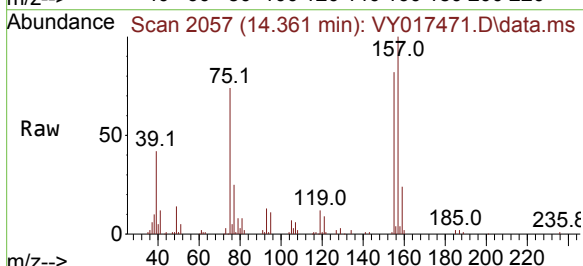
Tgt Ion: 75 Resp: 19518

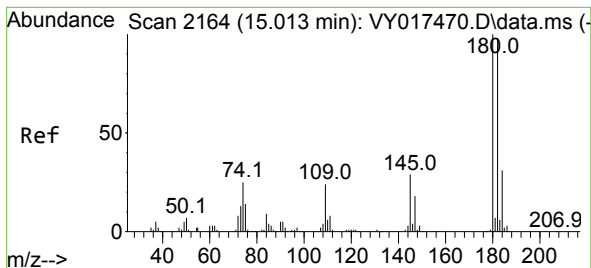
Ion Ratio Lower Upper

75 100

155 104.4 48.6 145.8

157 131.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 99.047 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

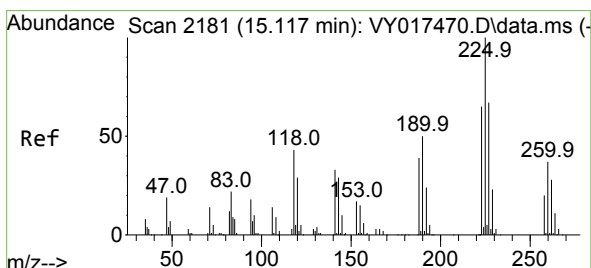
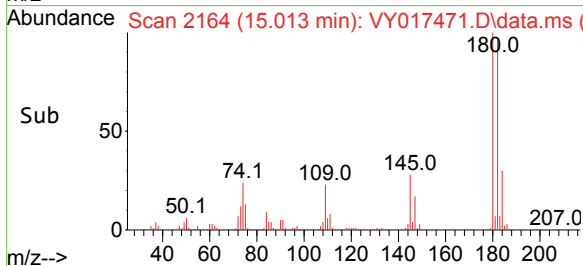
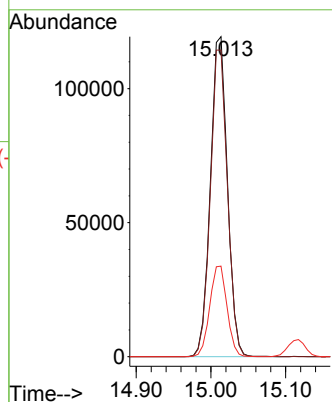
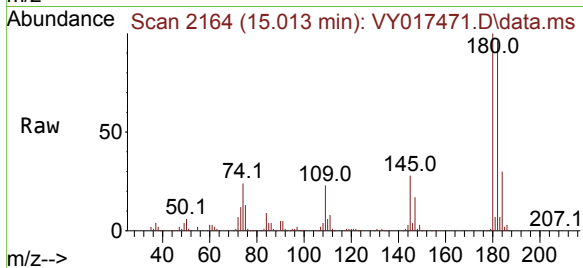
Tgt Ion:180 Resp: 189539

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 89.389 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

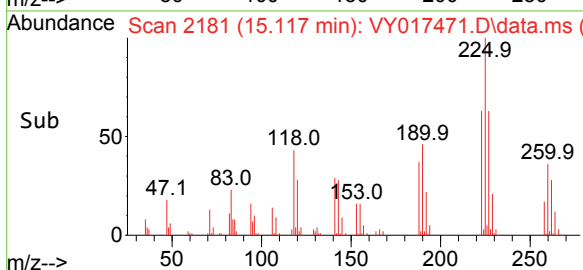
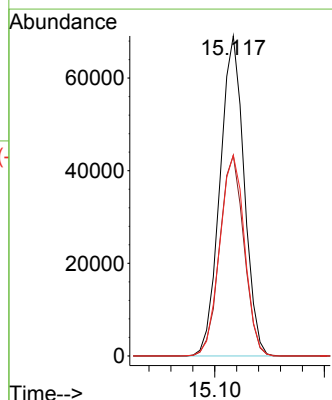
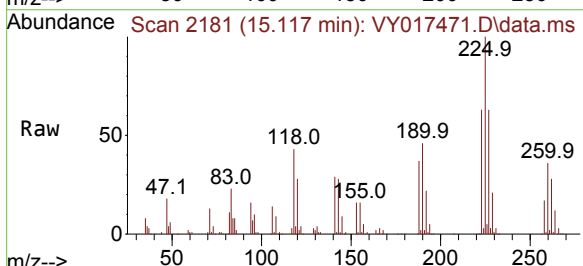
Tgt Ion:225 Resp: 105611

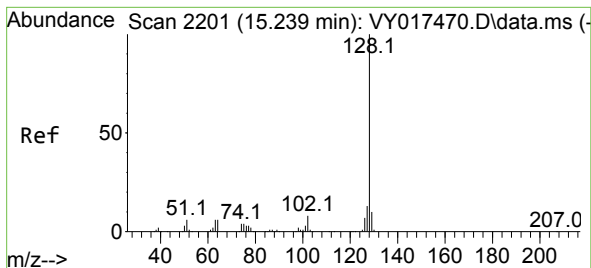
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 91.192 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

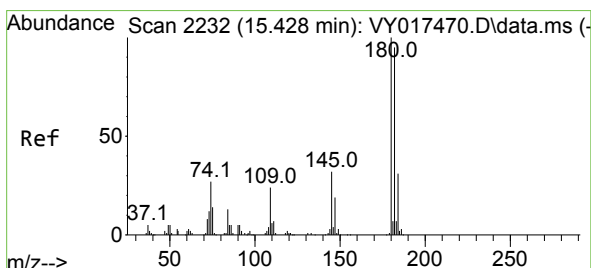
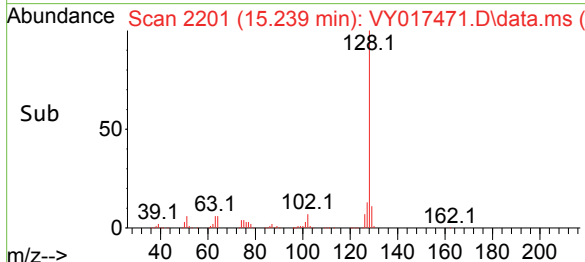
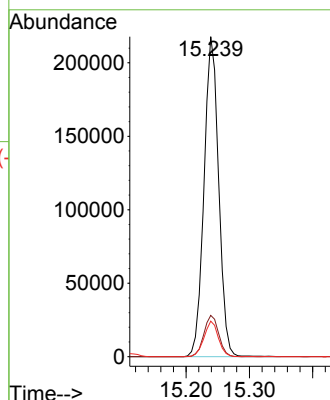
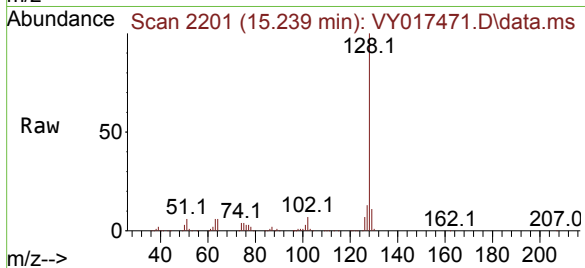
Tgt Ion:128 Resp: 351110

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 97.702 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017471.D

Acq: 23 Feb 2024 17:57

Tgt Ion:180 Resp: 160392

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 30.3 15.4 46.1

