

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017467.D
 Acq On : 23 Feb 2024 16:24
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 24 04:47:16 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	7.795	168	151875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	248879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	218161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	96535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	8896	6.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.360%#
35) Dibromofluoromethane	7.722	113	10376	5.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.960%#
50) Toluene-d8	10.185	98	31252	5.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.300%#
62) 4-Bromofluorobenzene	12.489	95	9520	4.996	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.000%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	6013	5.367	ug/l	98
3) Chloromethane	2.113	50	11000	5.374	ug/l	99
4) Vinyl Chloride	2.247	62	13952	5.313	ug/l	100
5) Bromomethane	2.656	94	12102	5.655	ug/l	96
6) Chloroethane	2.796	64	8352	5.042	ug/l	98
7) Trichlorofluoromethane	3.125	101	13358	4.991	ug/l	94
8) Diethyl Ether	3.521	74	3503	4.462	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	7994	5.193	ug/l	98
10) Methyl Iodide	4.094	142	7519	4.352	ug/l	96
11) Tert butyl alcohol	4.948	59	3657	29.910	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	6843	4.770	ug/l	95
13) Acrolein	3.735	56	4458	27.634	ug/l	98
14) Allyl chloride	4.478	41	8189	4.724	ug/l	96
15) Acrylonitrile	5.167	53	7659	23.734	ug/l	97
16) Acetone	3.948	43	7424	26.592	ug/l	99
17) Carbon Disulfide	4.198	76	21009	4.879	ug/l	98
18) Methyl Acetate	4.472	43	3184	4.701	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	14136	4.227	ug/l #	88
20) Methylene Chloride	4.716	84	14334	3.662	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	7786	4.635	ug/l	93
22) Diisopropyl ether	6.124	45	17409	4.352	ug/l	94
23) Vinyl Acetate	6.064	43	50544	21.204	ug/l	99
24) 1,1-Dichloroethane	6.027	63	13185	4.824	ug/l	97
25) 2-Butanone	6.996	43	9345	23.488	ug/l	90
26) 2,2-Dichloropropane	6.984	77	11206	4.877	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	8557	4.537	ug/l	96
28) Bromochloromethane	7.338	49	5908	5.489	ug/l	97
29) Tetrahydrofuran	7.362	42	5277	22.003	ug/l	96
30) Chloroform	7.514	83	13912	4.781	ug/l	98
31) Cyclohexane	7.795	56	12553	5.359	ug/l #	68
32) 1,1,1-Trichloroethane	7.703	97	12178	4.821	ug/l	98
36) 1,1-Dichloropropene	7.923	75	10805	4.618	ug/l	97
37) Ethyl Acetate	7.088	43	4372	4.731	ug/l #	76
38) Carbon Tetrachloride	7.905	117	10386	4.429	ug/l	97
39) Methylcyclohexane	9.191	83	11887	4.227	ug/l	91
40) Benzene	8.167	78	31715	4.564	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	1993	4.297	ug/l	98
42) 1,2-Dichloroethane	8.246	62	7864	4.638	ug/l	98
43) Isopropyl Acetate	8.277	43	6903	4.251	ug/l	95
44) Trichloroethene	8.947	130	9187	4.587	ug/l	94
45) 1,2-Dichloropropane	9.221	63	7314	4.424	ug/l	97
46) Dibromomethane	9.313	93	4193	4.432	ug/l	93
47) Bromodichloromethane	9.502	83	10219	4.448	ug/l	93
48) Methyl methacrylate	9.295	41	3063	4.075	ug/l	98
49) 1,4-Dioxane	9.301	88	910	84.985	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	19291	21.313	ug/l	96
52) Toluene	10.252	92	18672	4.262	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	8556	4.012	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	11018	4.252	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	6015	4.478	ug/l	97
56) Ethyl methacrylate	10.520	69	5429	5.655	ug/l	96
57) 1,3-Dichloropropane	10.800	76	9733	4.456	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	17079	22.032	ug/l	98
59) 2-Hexanone	10.837	43	11932	19.192	ug/l	99
60) Dibromochloromethane	10.989	129	6747	4.246	ug/l	98
61) 1,2-Dibromoethane	11.099	107	5341	4.314	ug/l	100
64) Tetrachloroethene	10.727	164	9793	4.677	ug/l	99
65) Chlorobenzene	11.526	112	20708	4.472	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	7489	4.317	ug/l	99
67) Ethyl Benzene	11.599	91	33429	4.116	ug/l	99
68) m/p-Xylenes	11.709	106	25409	7.963	ug/l	100
69) o-Xylene	12.038	106	11529	3.894	ug/l	98
70) Styrene	12.050	104	17975	3.658	ug/l	99
71) Bromoform	12.215	173	3914	4.071	ug/l #	97
73) Isopropylbenzene	12.337	105	30173	4.207	ug/l	99
74) N-amyl acetate	12.154	43	4808	3.801	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	5434	4.412	ug/l	94
76) 1,2,3-Trichloropropane	12.635	75	7454	8.127	ug/l #	100
77) Bromobenzene	12.617	156	7980	4.595	ug/l	93
78) n-propylbenzene	12.678	91	36273	4.215	ug/l	100
79) 2-Chlorotoluene	12.764	91	22013	4.569	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	23790	4.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	1686	4.224	ug/l	97
82) 4-Chlorotoluene	12.861	91	21869	4.438	ug/l	98
83) tert-Butylbenzene	13.081	119	21146	4.191	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	22520	3.970	ug/l	98
85) sec-Butylbenzene	13.257	105	32540	4.218	ug/l	99
86) p-Isopropyltoluene	13.379	119	24599	3.895	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	15870	4.552	ug/l	97
88) 1,4-Dichlorobenzene	13.452	146	15987	4.717	ug/l	94
89) n-Butylbenzene	13.702	91	24103	4.183	ug/l	97
90) Hexachloroethane	13.965	117	5944	4.695	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	13348	4.527	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	807	4.661	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	6103	3.918	ug/l	96
94) Hexachlorobutadiene	15.117	225	4619	4.803	ug/l	99
95) Naphthalene	15.245	128	9109	6.696	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	5269	3.943	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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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

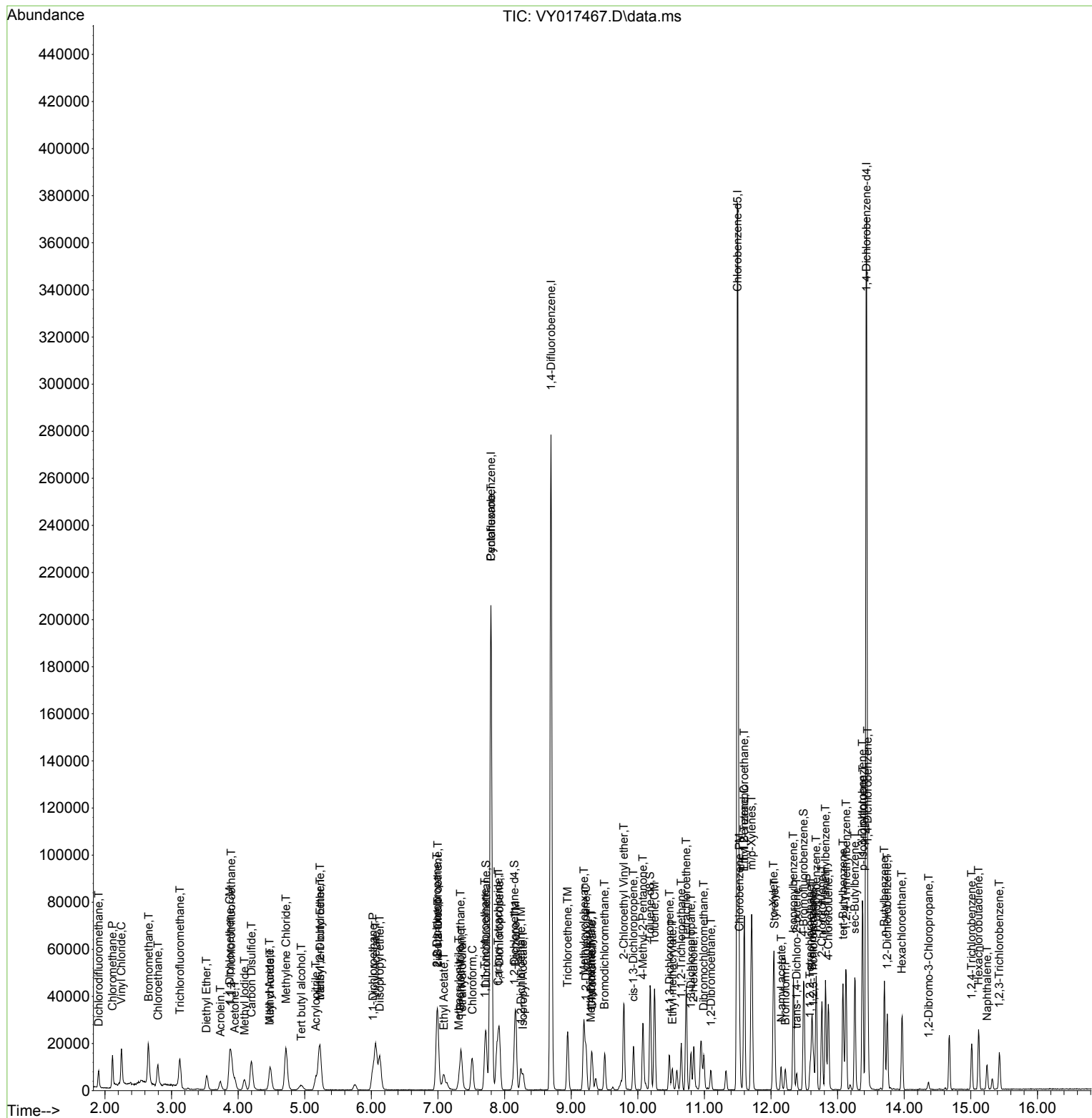
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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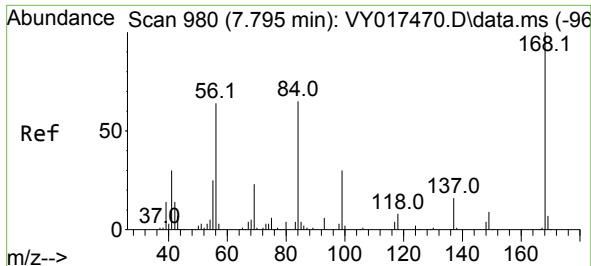
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
Data File : VY017467.D
Acq On : 23 Feb 2024 16:24
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
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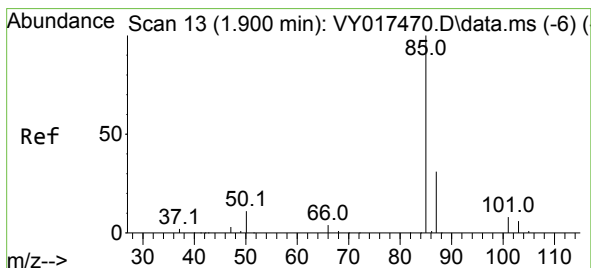
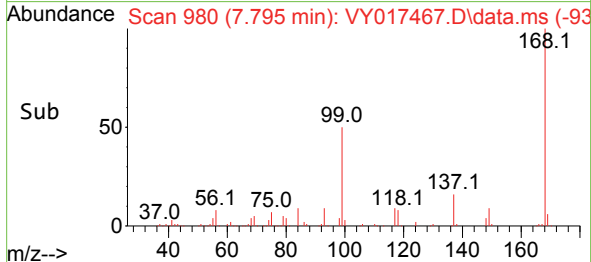
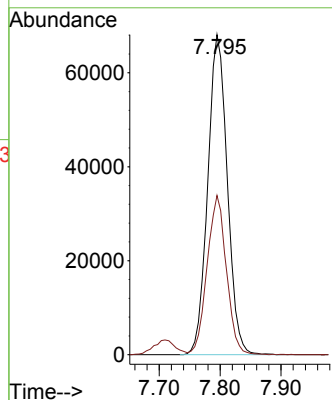
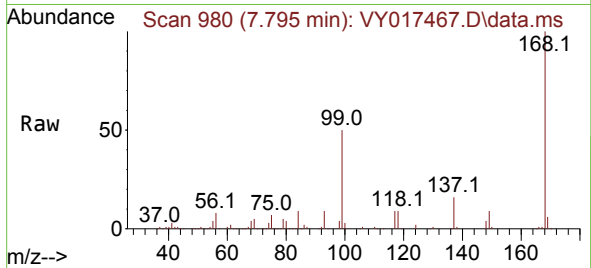




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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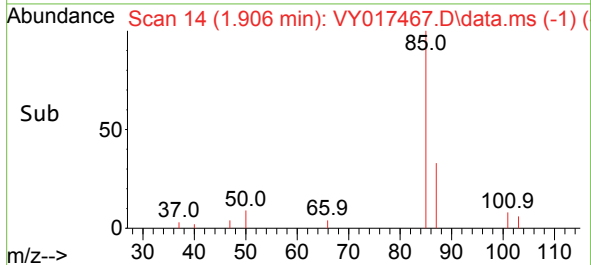
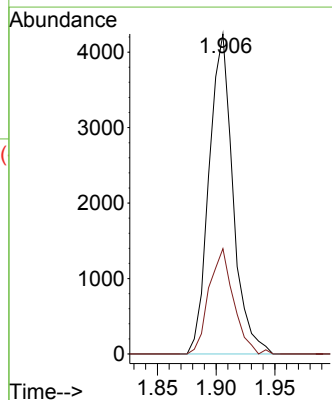
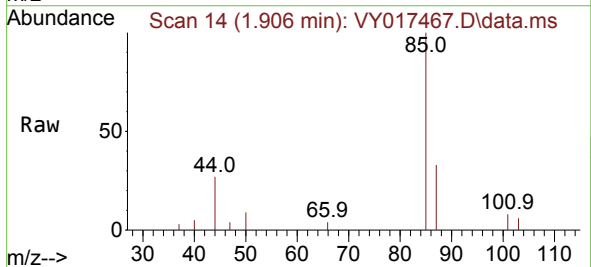
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

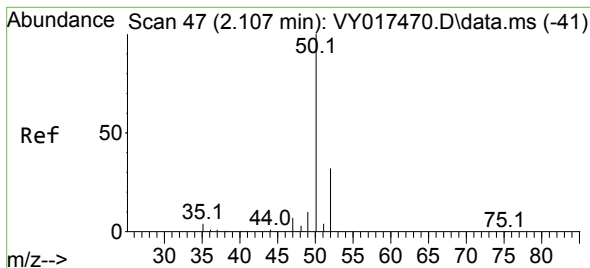
Tgt Ion:168 Resp: 151875
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 5.367 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 85 Resp: 6013
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0





#3

Chloromethane

Concen: 5.374 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

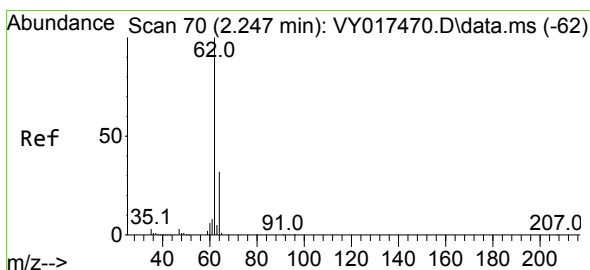
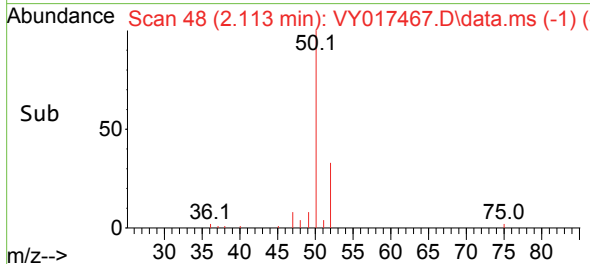
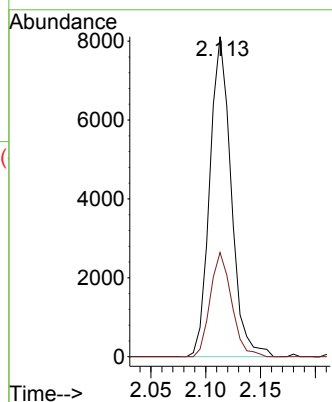
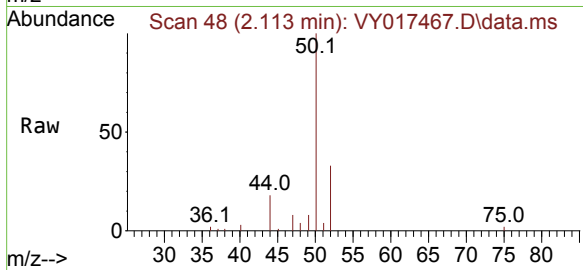
VSTDIC005

Tgt Ion: 50 Resp: 11000

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4



#4

Vinyl Chloride

Concen: 5.313 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY017467.D

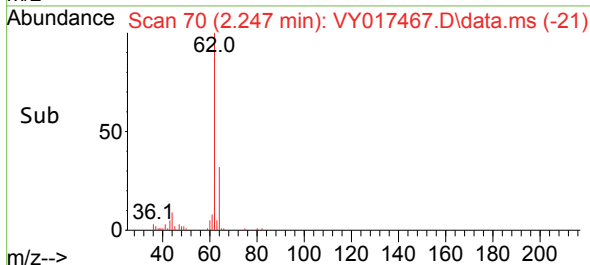
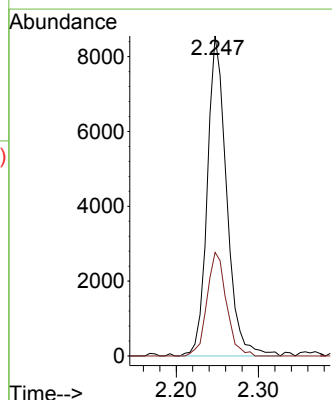
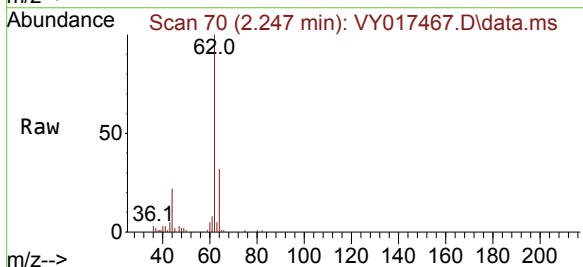
Acq: 23 Feb 2024 16:24

Tgt Ion: 62 Resp: 13952

Ion Ratio Lower Upper

62 100

64 32.4 26.1 39.1

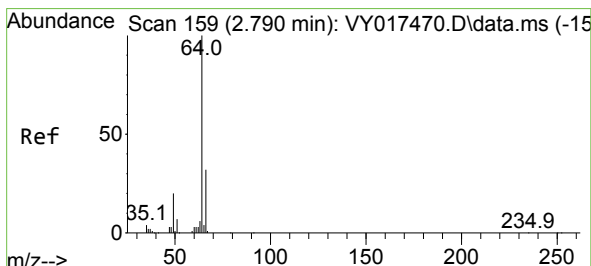
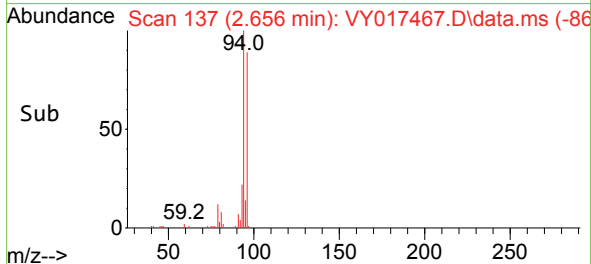
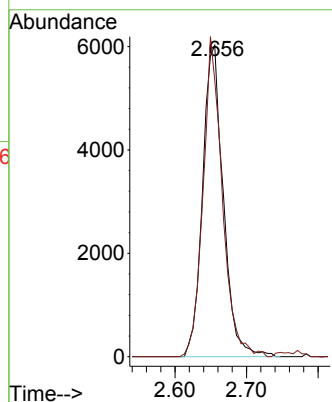
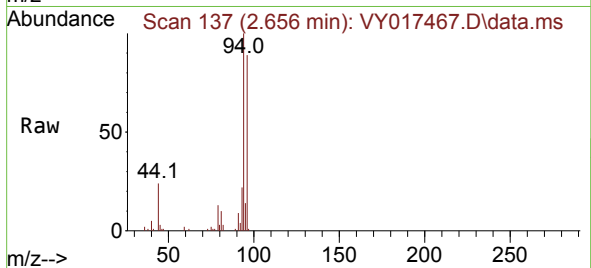




#5
Bromomethane
Concen: 5.655 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

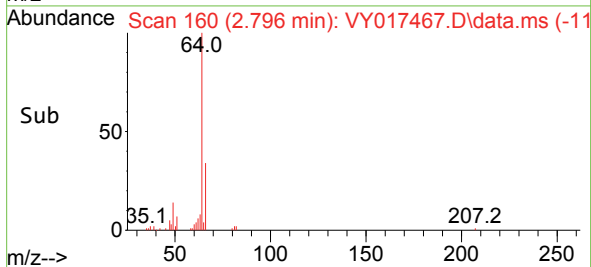
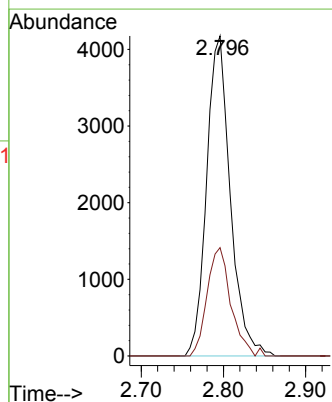
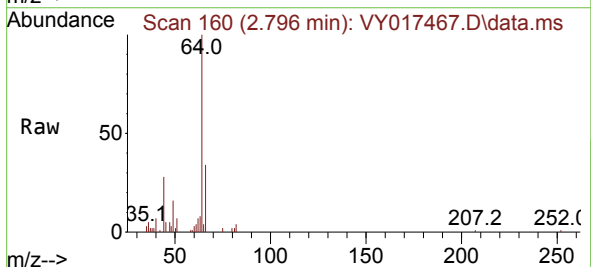
Instrument :
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Tgt Ion: 94 Resp: 12102
Ion Ratio Lower Upper
94 100
96 88.8 74.1 111.1



#6
Chloroethane
Concen: 5.042 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 64 Resp: 8352
Ion Ratio Lower Upper
64 100
66 33.9 26.1 39.1

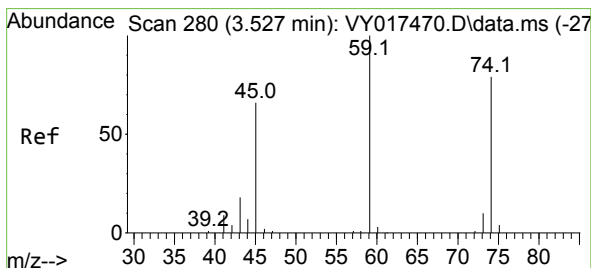
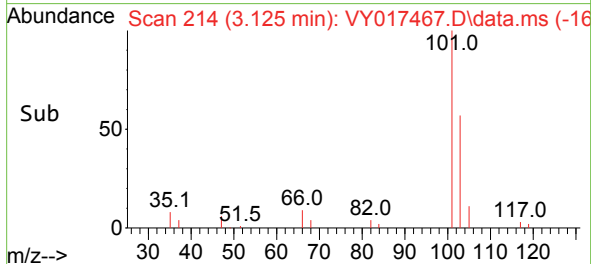
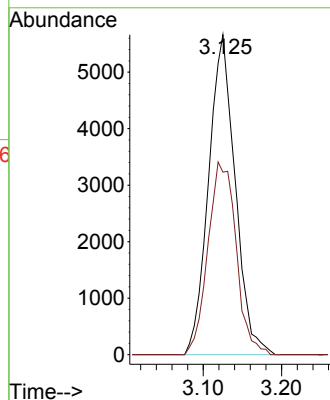
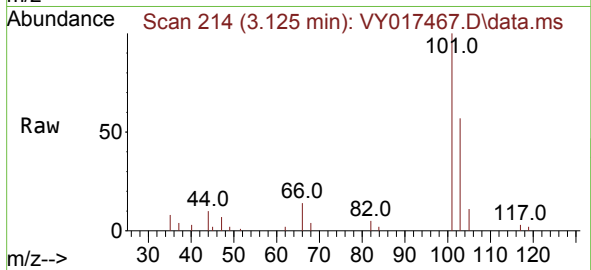




#7
Trichlorofluoromethane
Concen: 4.991 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

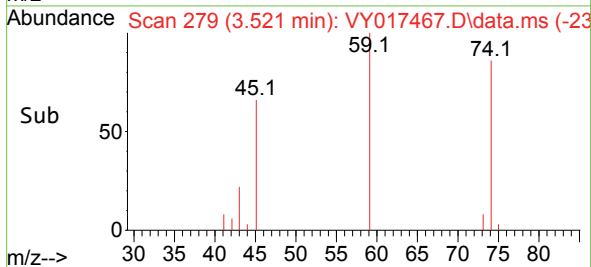
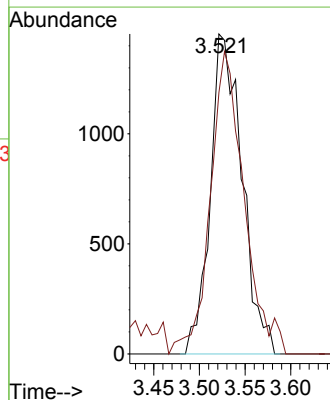
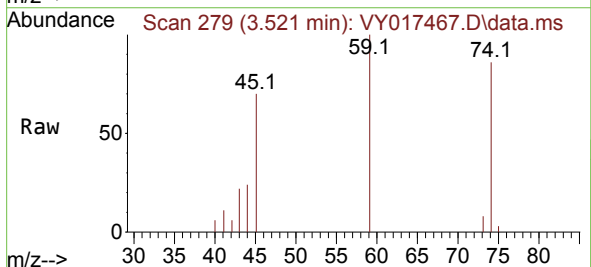
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MSVOA_Y
ClientSampleId :
VSTDIC005

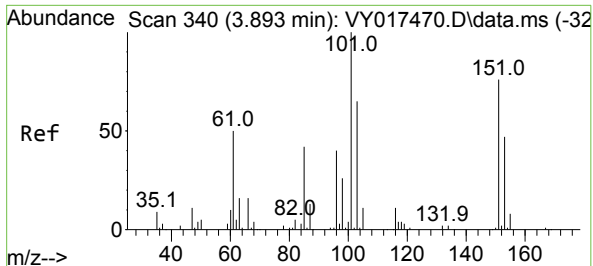
Tgt Ion:101 Resp: 13358
Ion Ratio Lower Upper
101 100
103 57.1 49.3 73.9



#8
Diethyl Ether
Concen: 4.462 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 74 Resp: 3503
Ion Ratio Lower Upper
74 100
45 100.1 41.3 124.1

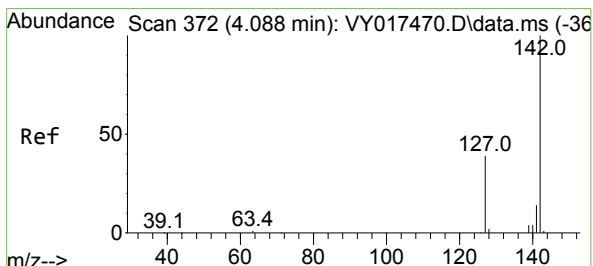
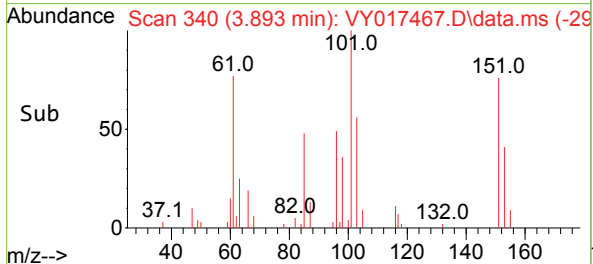
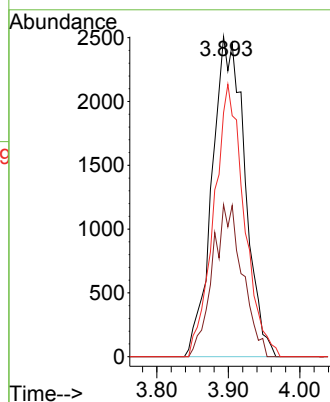
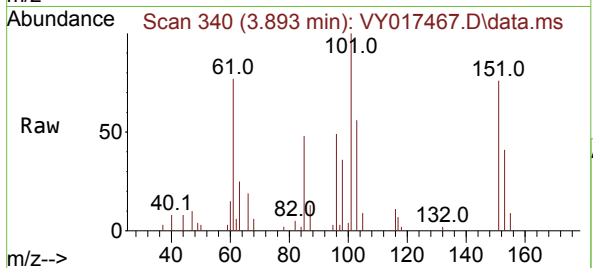




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.193 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

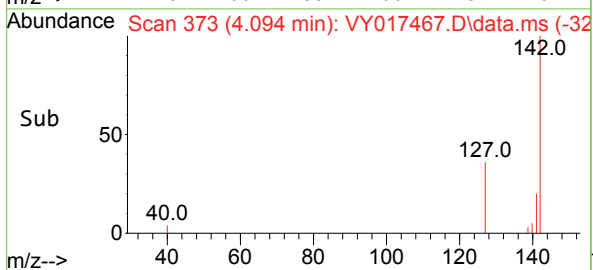
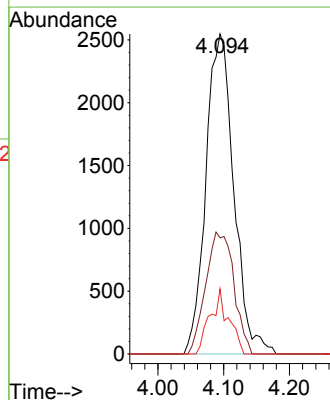
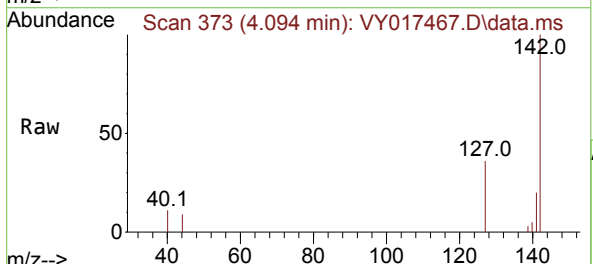
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

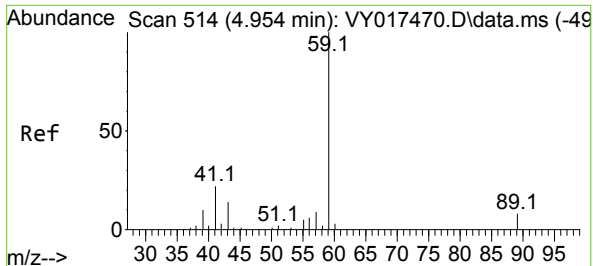
Tgt Ion:	101	Resp:	7994
Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.5	51.7
151	78.8	61.7	92.5



#10
Methyl Iodide
Concen: 4.352 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion:	142	Resp:	7519
Ion	Ratio	Lower	Upper
142	100		
127	38.4	32.8	49.2
141	13.6	11.4	17.2

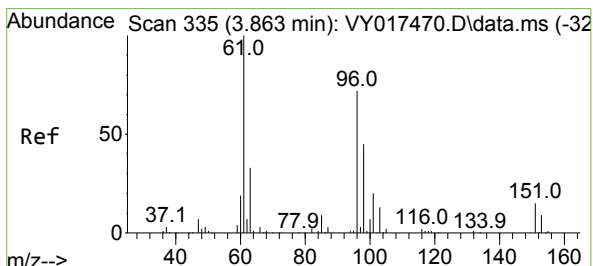
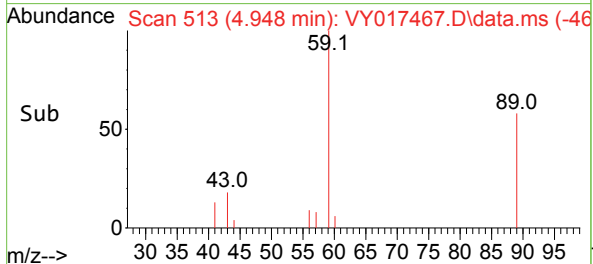
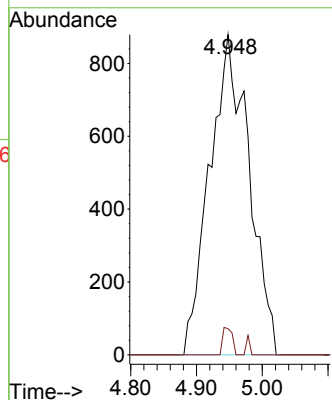
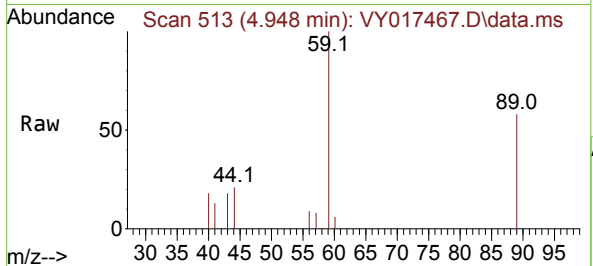




#11
Tert butyl alcohol
Concen: 29.910 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

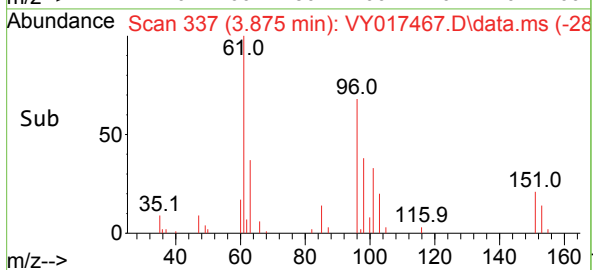
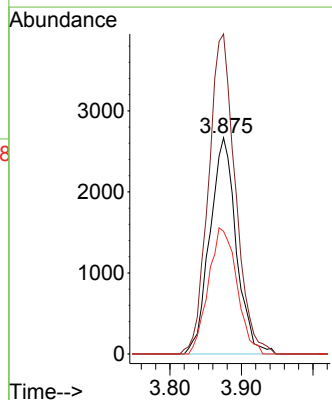
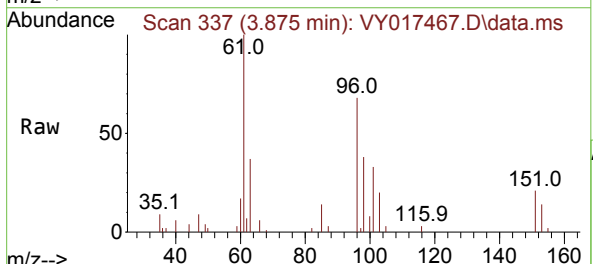
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

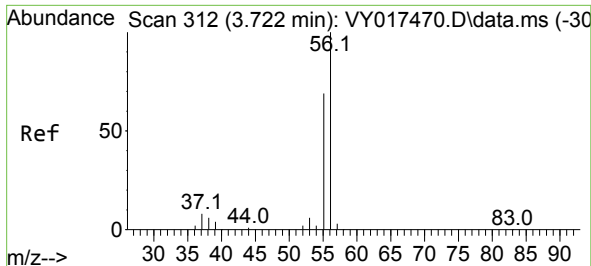
Tgt Ion: 59 Resp: 3657
Ion Ratio Lower Upper
59 100
57 2.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 4.770 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 96 Resp: 6843
Ion Ratio Lower Upper
96 100
61 148.1 114.6 171.8
98 56.8 50.8 76.2





#13

Acrolein

Concen: 27.634 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

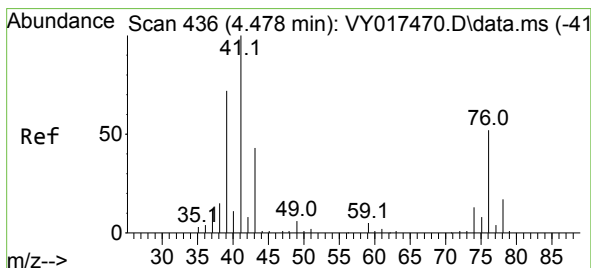
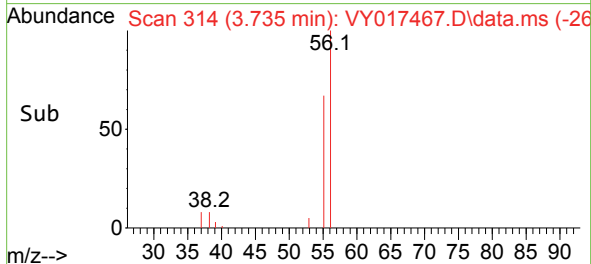
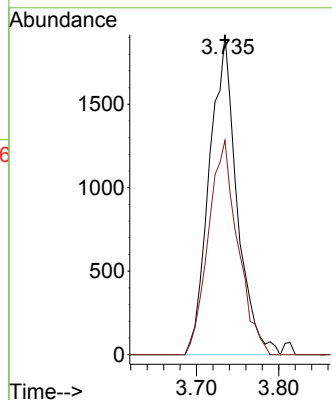
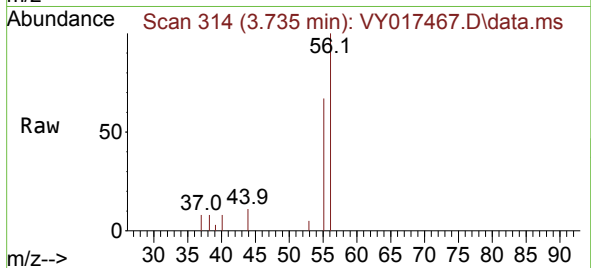
VSTDIC005

Tgt Ion: 56 Resp: 4458

Ion Ratio Lower Upper

56 100

55 71.6 55.7 83.5



#14

Allyl chloride

Concen: 4.724 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

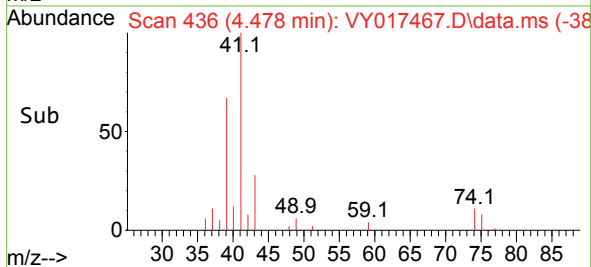
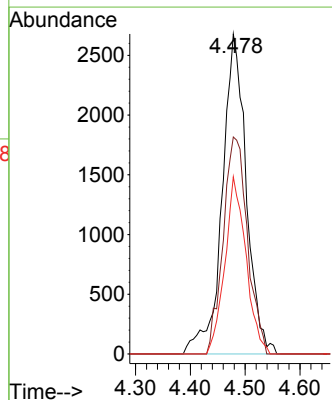
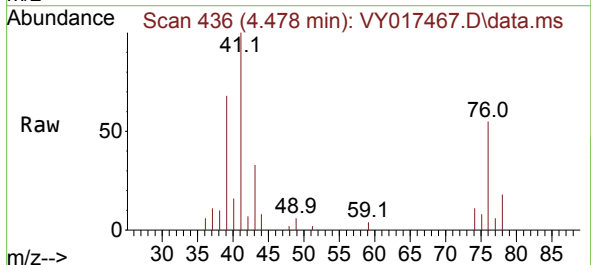
Tgt Ion: 41 Resp: 8189

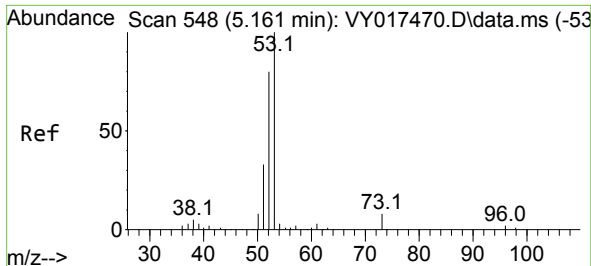
Ion Ratio Lower Upper

41 100

39 68.1 58.3 87.5

76 48.4 39.0 58.6

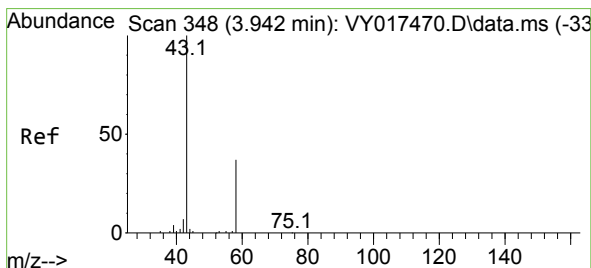
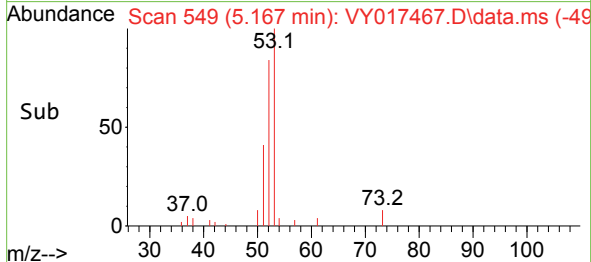
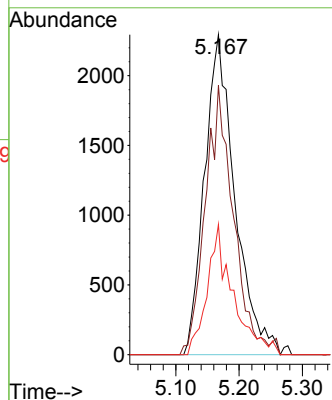
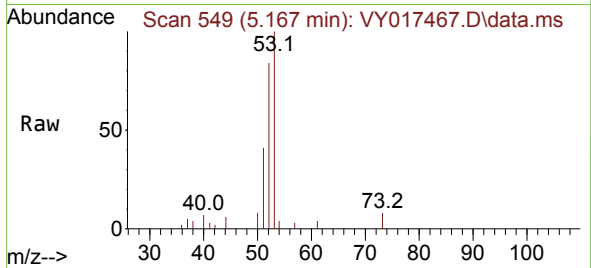




#15
Acrylonitrile
Concen: 23.734 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

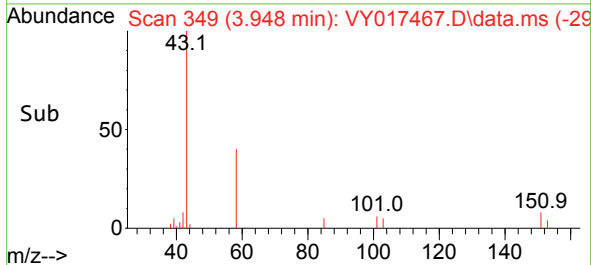
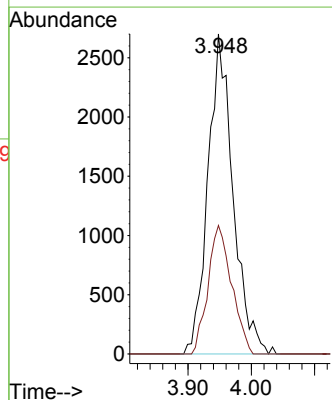
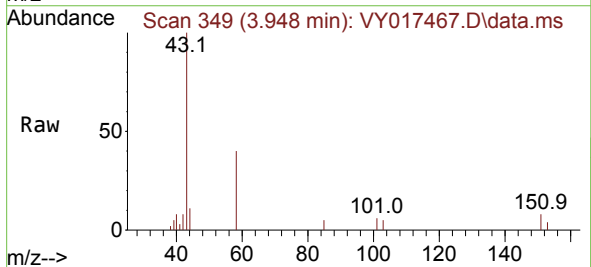
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

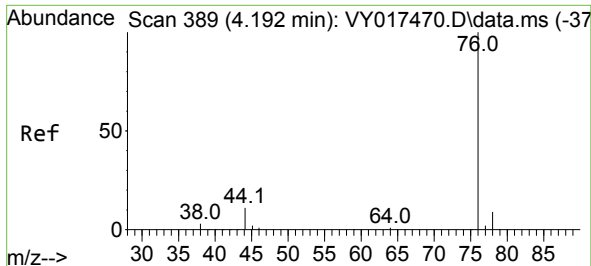
Tgt Ion: 53	Resp: 7659
Ion Ratio	Lower Upper
53	100
52	78.2 64.7 97.1
51	34.6 28.4 42.6



#16
Acetone
Concen: 26.592 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 43	Resp: 7424
Ion Ratio	Lower Upper
43	100
58	40.2 31.7 47.5

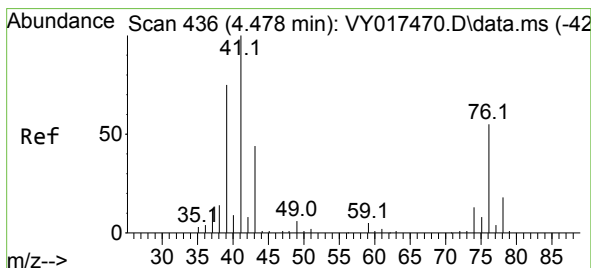
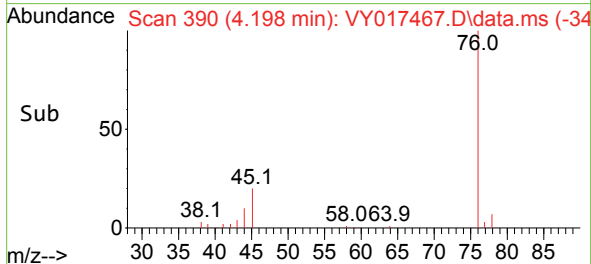
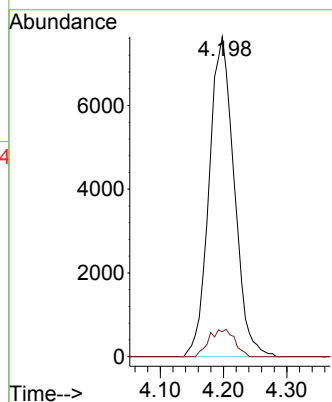
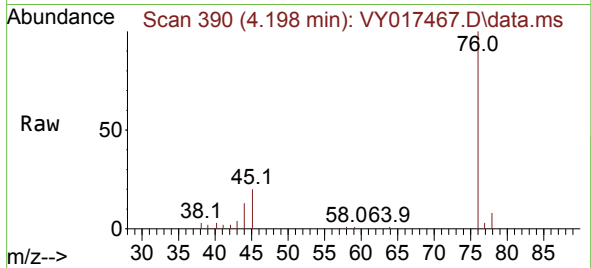




#17
Carbon Disulfide
Concen: 4.879 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

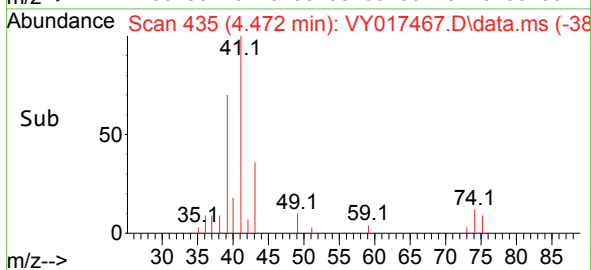
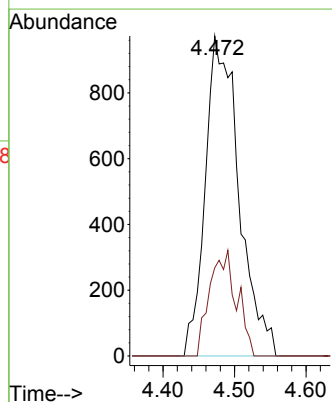
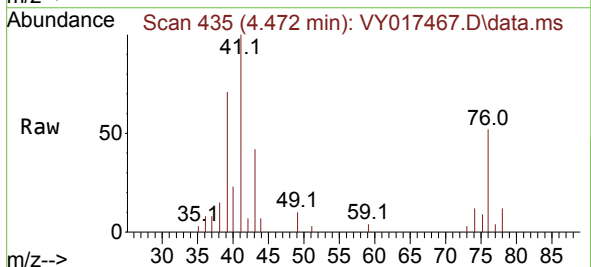
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 21009
Ion Ratio Lower Upper
76 100
78 7.8 6.8 10.2



#18
Methyl Acetate
Concen: 4.701 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 43 Resp: 3184
Ion Ratio Lower Upper
43 100
74 26.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 4.227 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

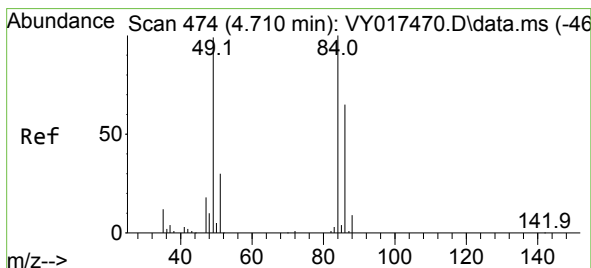
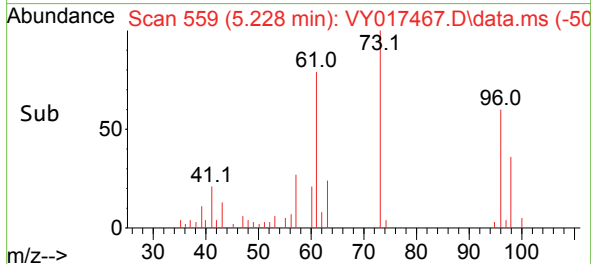
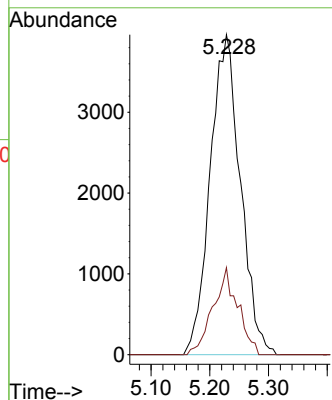
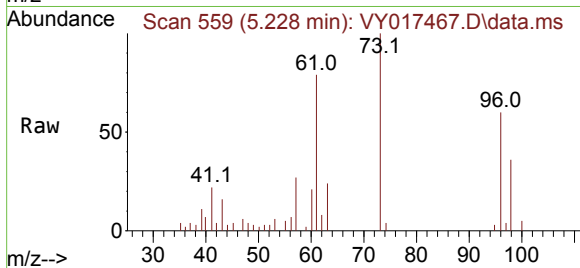
VSTDIC005

Tgt Ion: 73 Resp: 14136

Ion Ratio Lower Upper

73 100

57 27.2 17.3 25.9#



#20

Methylene Chloride

Concen: 3.662 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Tgt Ion: 84 Resp: 14334

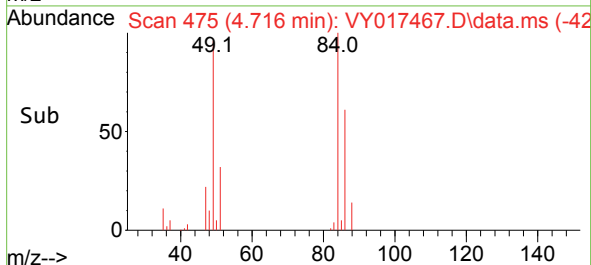
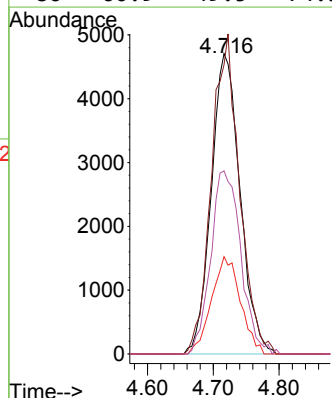
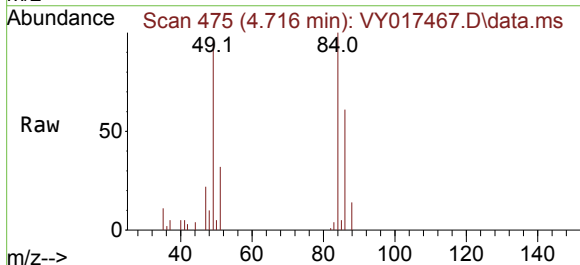
Ion Ratio Lower Upper

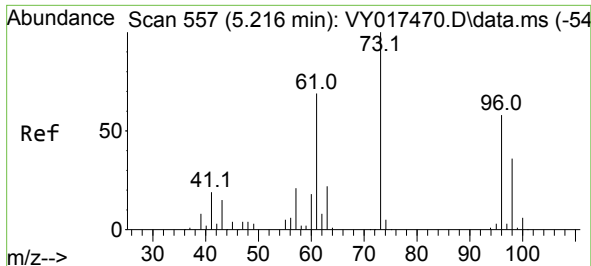
84 100

49 96.3 84.4 126.6

51 32.4 26.0 39.0

86 60.9 49.5 74.3

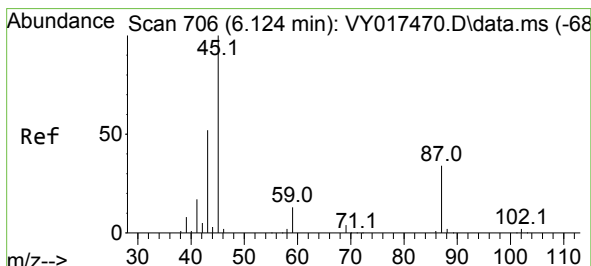
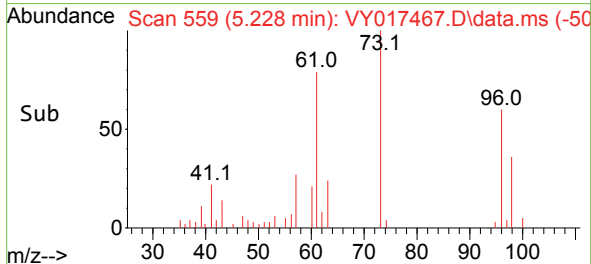
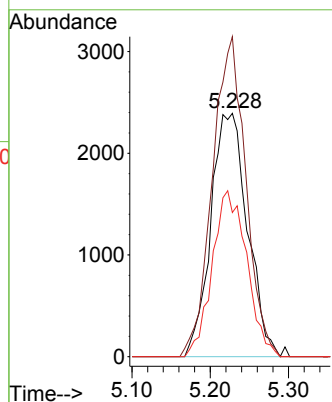
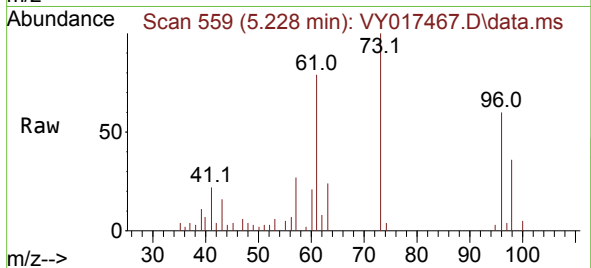




#21
trans-1,2-Dichloroethene
Concen: 4.635 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

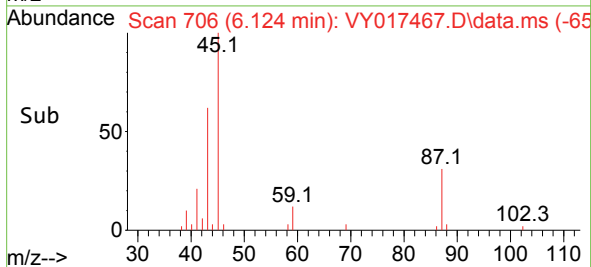
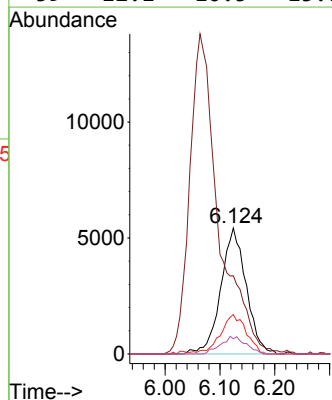
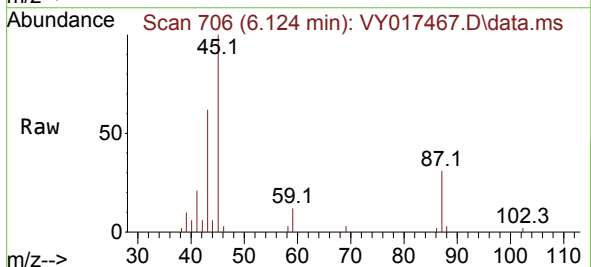
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

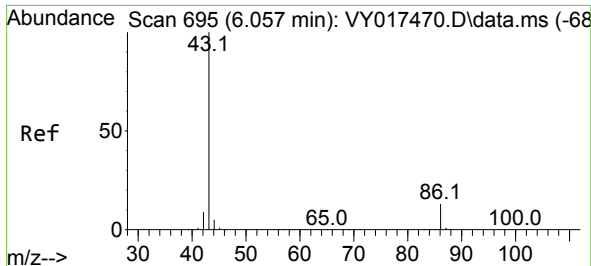
Tgt Ion: 96 Resp: 7786
Ion Ratio Lower Upper
96 100
61 131.5 97.5 146.3
98 59.2 50.5 75.7



#22
Diisopropyl ether
Concen: 4.352 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 45 Resp: 17409
Ion Ratio Lower Upper
45 100
43 60.5 42.2 63.2
87 31.3 25.0 37.6
59 12.1 10.5 15.7

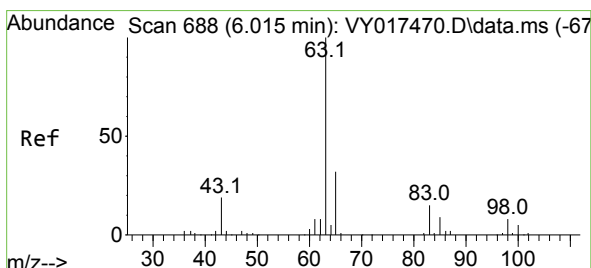
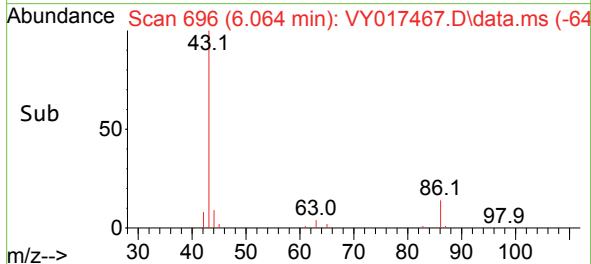
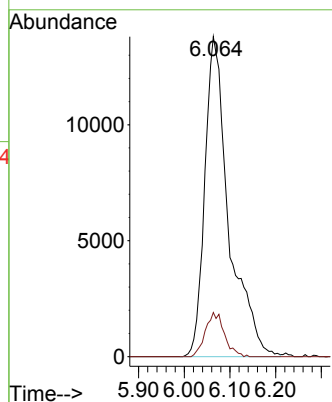
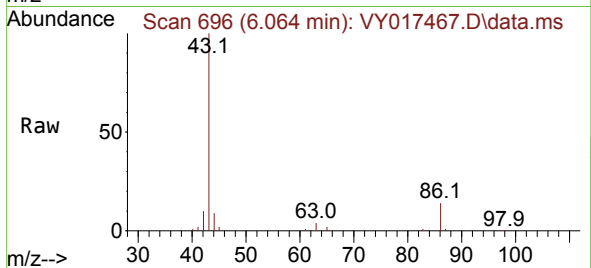




#23
 Vinyl Acetate
 Concen: 21.204 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017467.D
 Acq: 23 Feb 2024 16:24

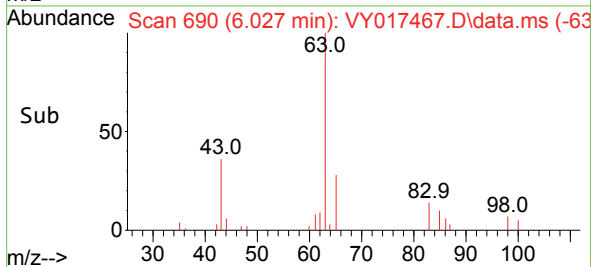
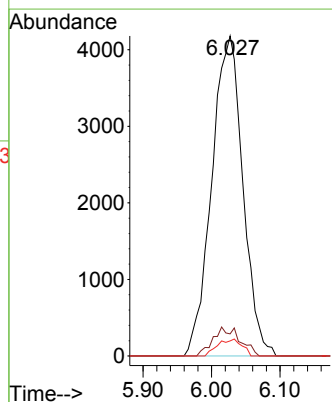
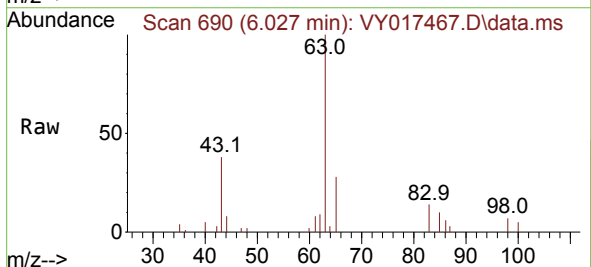
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 50544
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 4.824 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017467.D
 Acq: 23 Feb 2024 16:24

Tgt Ion: 63 Resp: 13185
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 23.488 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

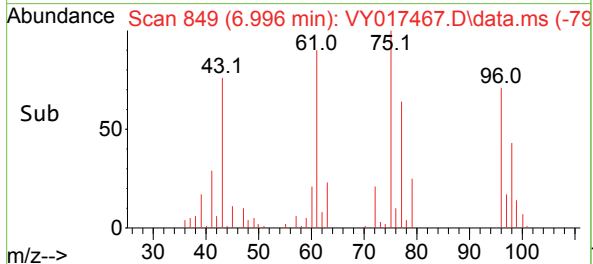
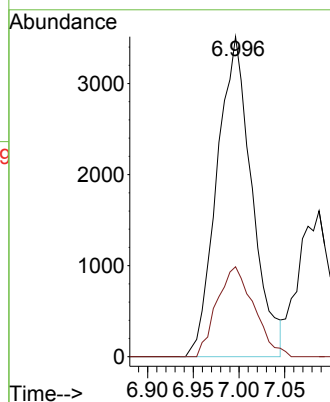
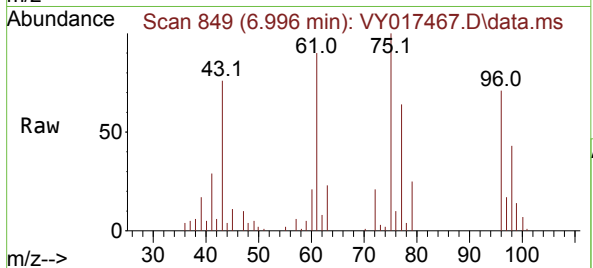
VSTDIC005

Tgt Ion: 43 Resp: 9345

Ion Ratio Lower Upper

43 100

72 28.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 4.877 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017467.D

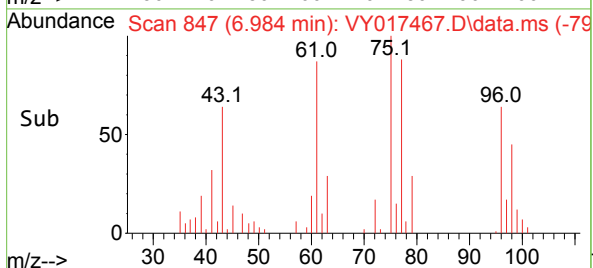
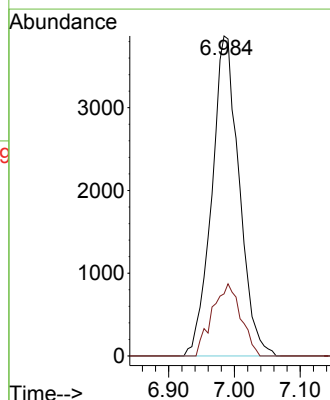
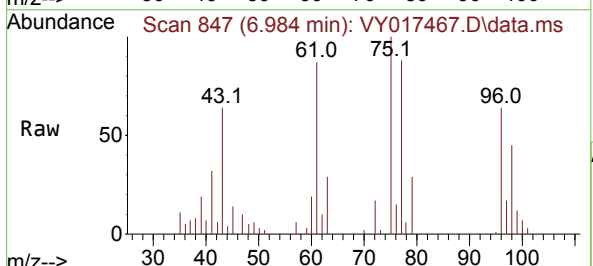
Acq: 23 Feb 2024 16:24

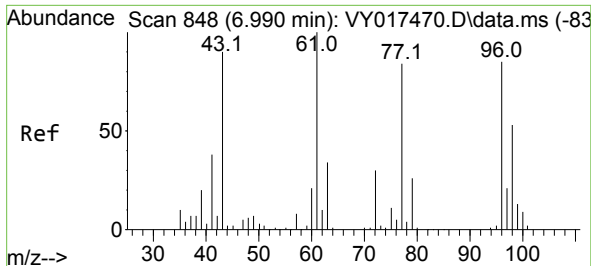
Tgt Ion: 77 Resp: 11206

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 4.537 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

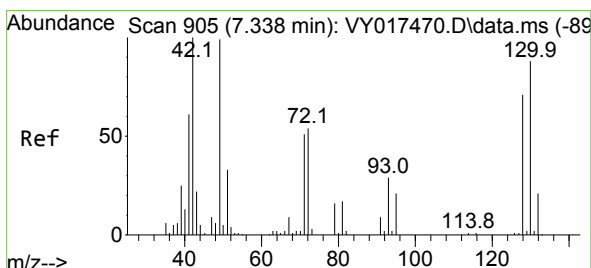
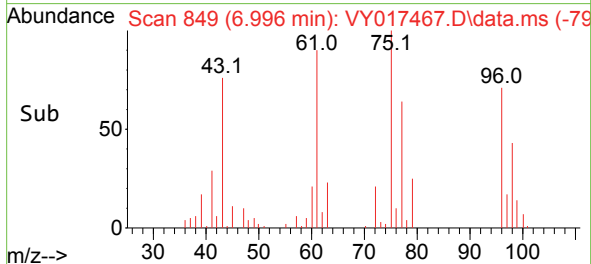
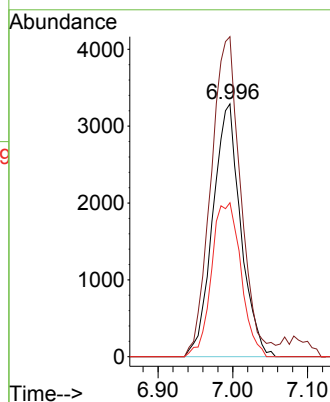
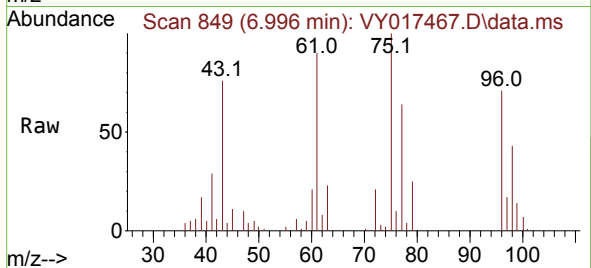
Tgt Ion: 96 Resp: 8557

Ion Ratio Lower Upper

96 100

61 135.1 0.0 256.2

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 5.489 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

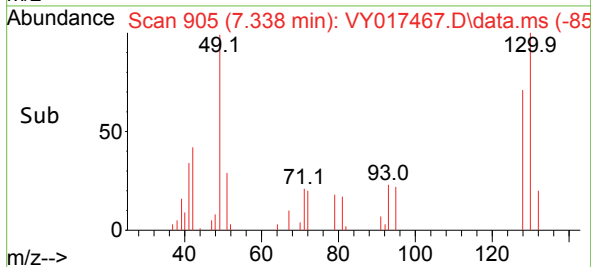
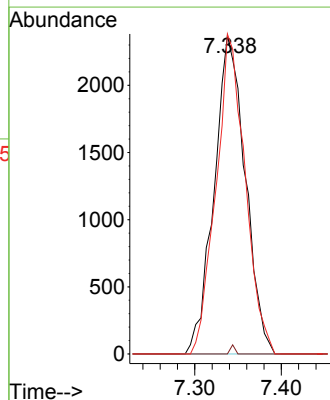
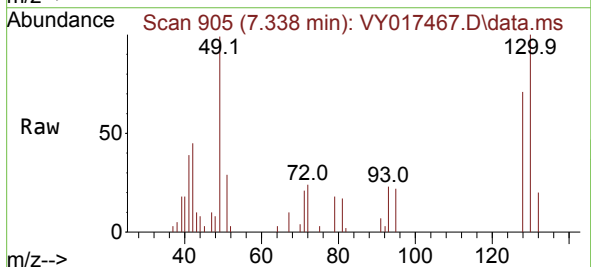
Tgt Ion: 49 Resp: 5908

Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.6

130 94.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 22.003 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

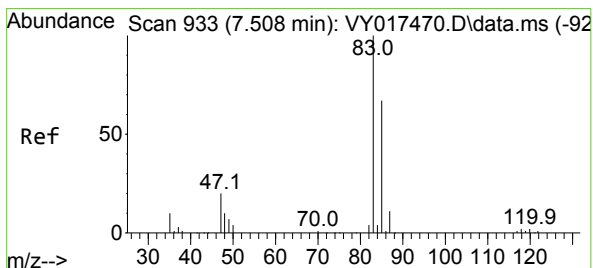
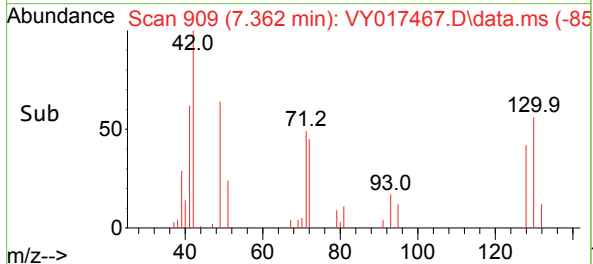
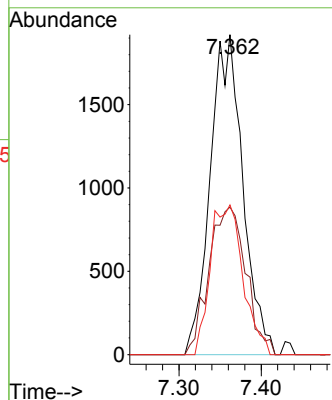
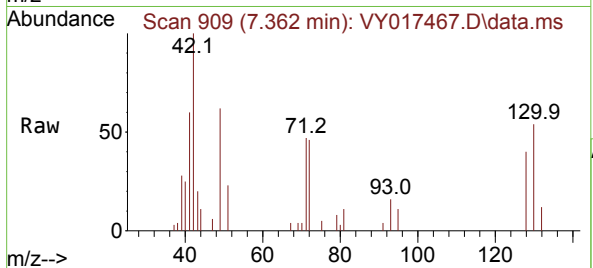
Tgt Ion: 42 Resp: 5277

Ion Ratio Lower Upper

42 100

72 52.7 43.0 64.4

71 47.0 40.8 61.2



#30

Chloroform

Concen: 4.781 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017467.D

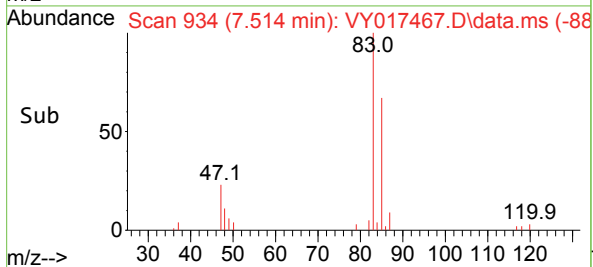
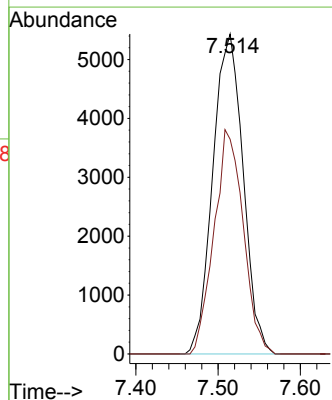
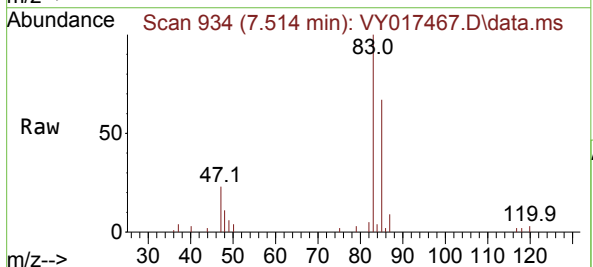
Acq: 23 Feb 2024 16:24

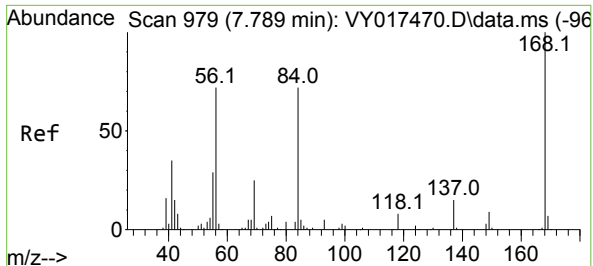
Tgt Ion: 83 Resp: 13912

Ion Ratio Lower Upper

83 100

85 67.1 52.2 78.4

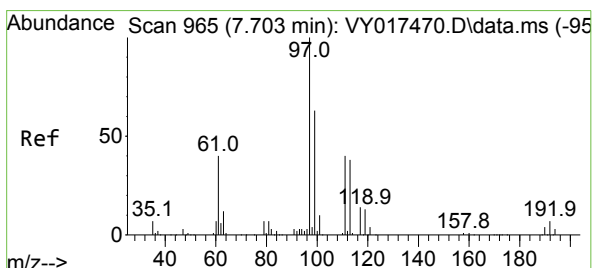
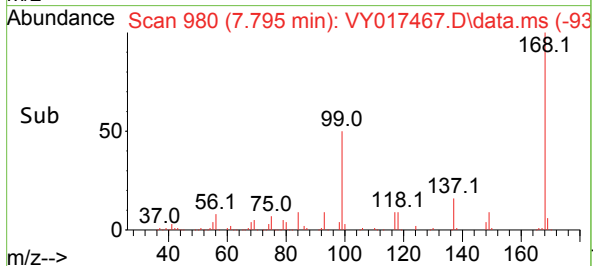
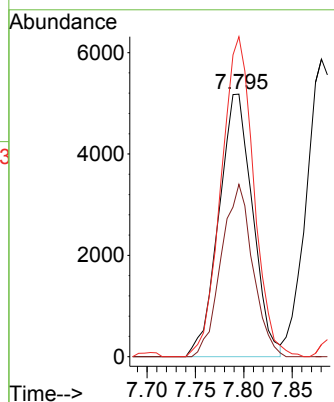
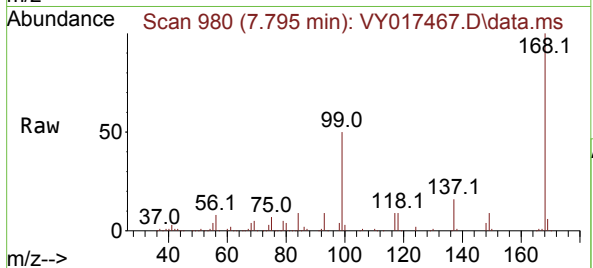




#31
Cyclohexane
Concen: 5.359 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

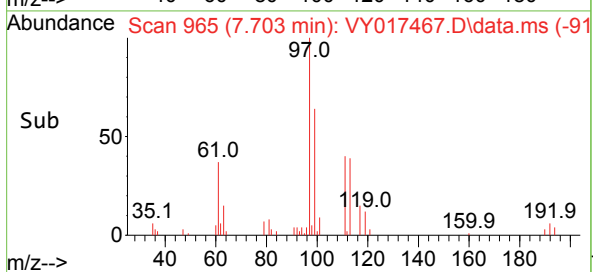
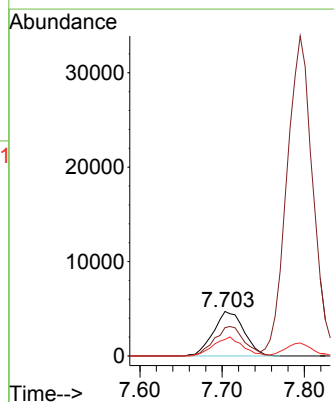
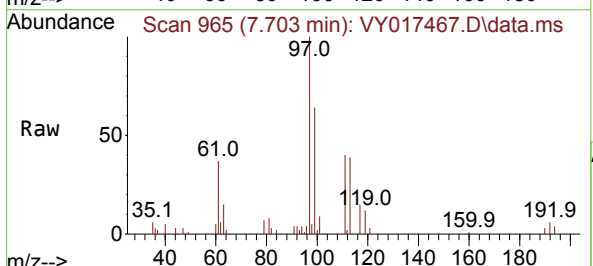
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

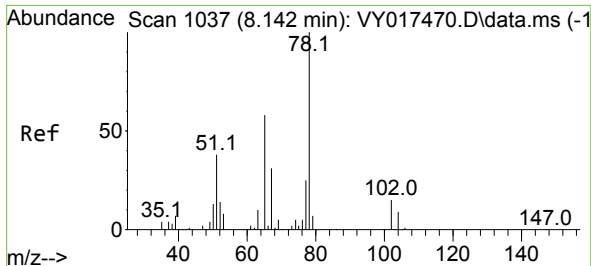
Tgt Ion: 56 Resp: 12553
Ion Ratio Lower Upper
56 100
69 65.6 28.7 43.1#
84 121.9 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 4.821 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 97 Resp: 12178
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 40.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 6.180 ug/l

RT: 8.148 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

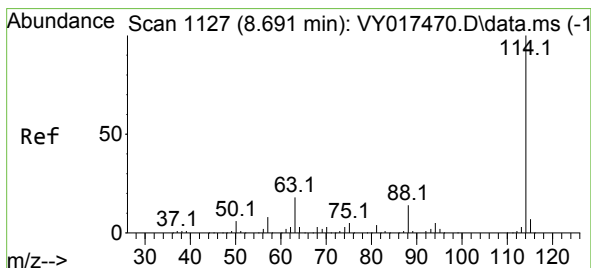
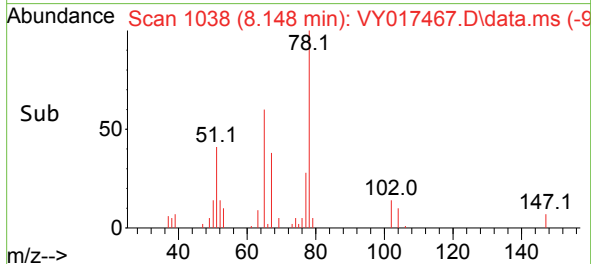
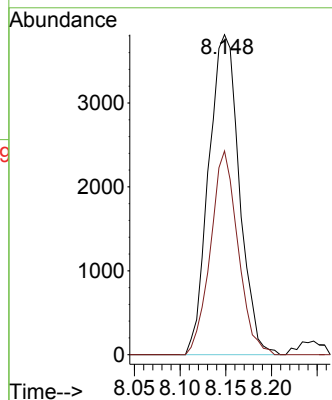
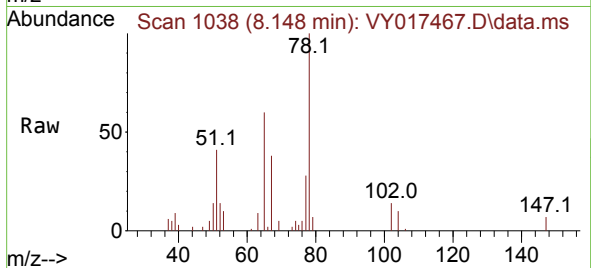
VSTDIC005

Tgt Ion: 65 Resp: 8896

Ion Ratio Lower Upper

65 100

67 57.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

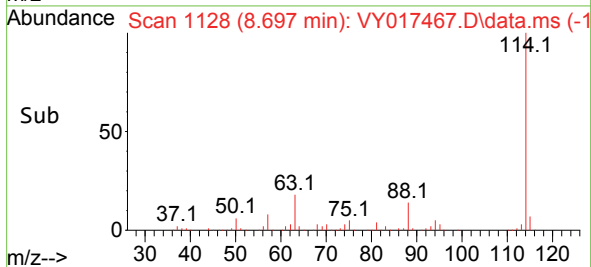
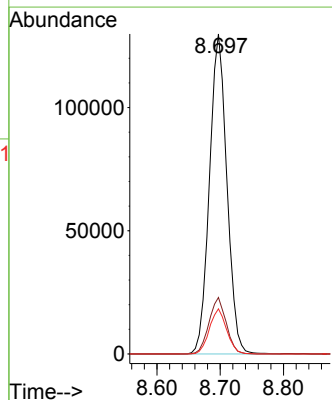
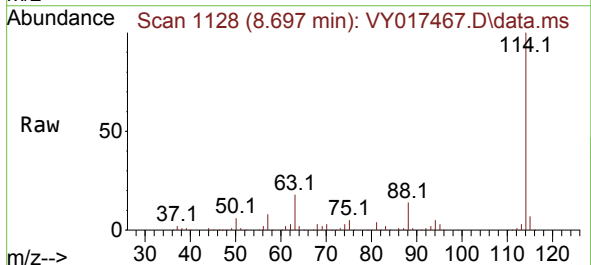
Tgt Ion: 114 Resp: 248879

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.1 0.0 27.2

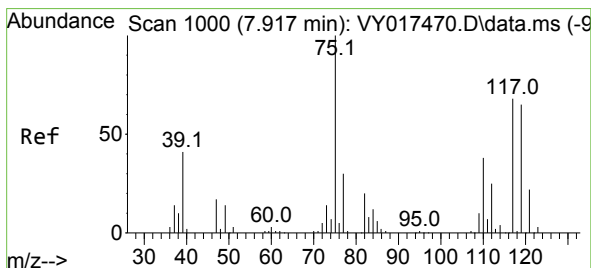
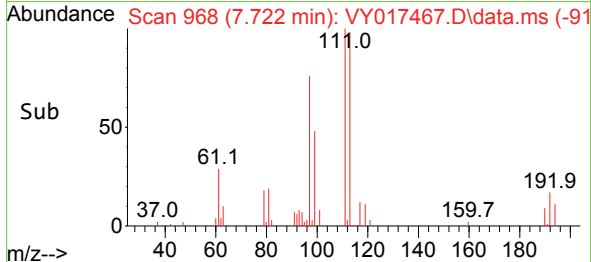
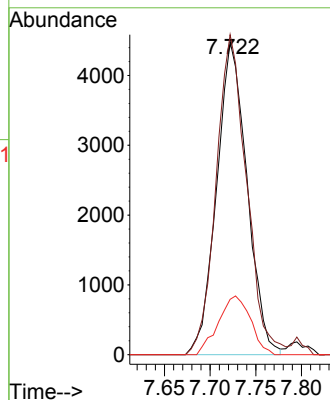
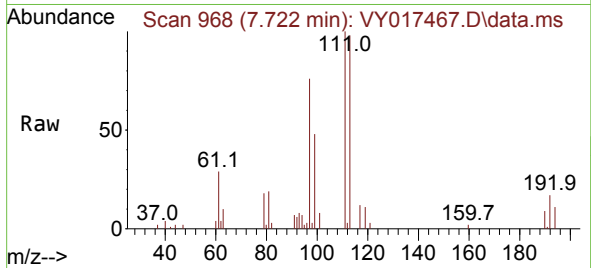




#35
Dibromofluoromethane
Concen: 5.983 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

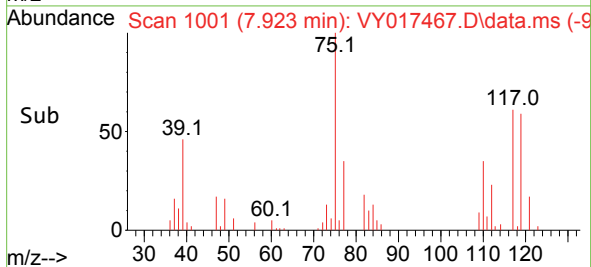
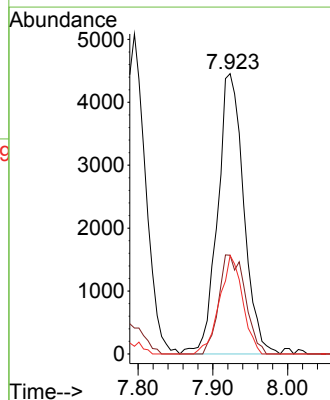
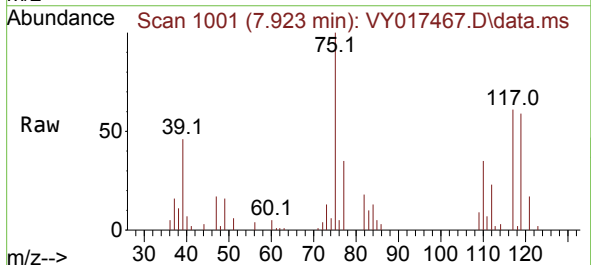
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

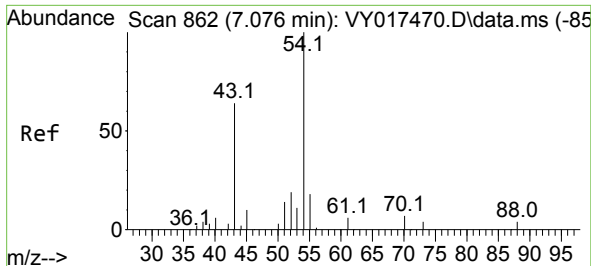
Tgt Ion:113 Resp: 10376
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 75 Resp: 10805
Ion Ratio Lower Upper
75 100
110 35.7 19.0 57.0
77 31.1 25.3 37.9

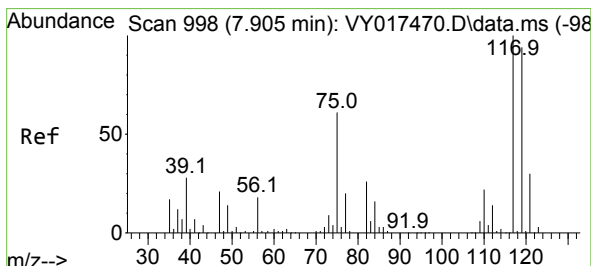
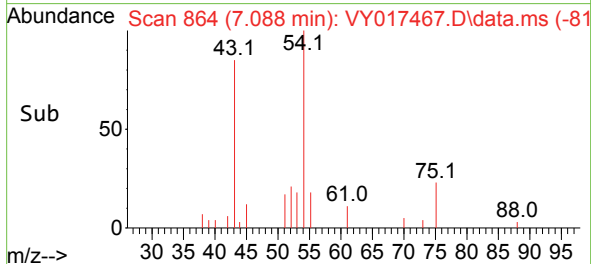
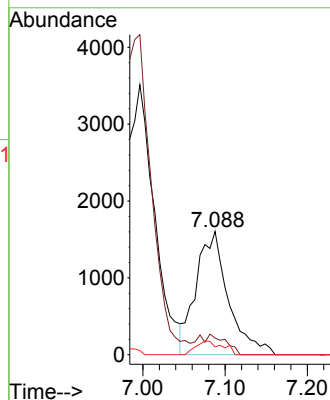
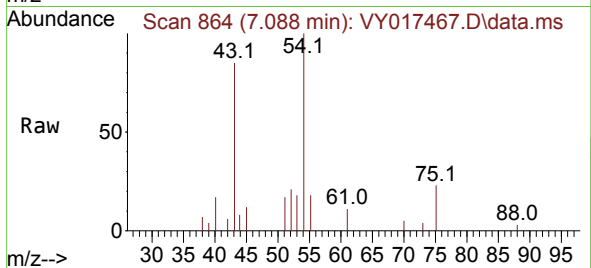




#37
Ethyl Acetate
Concen: 4.731 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

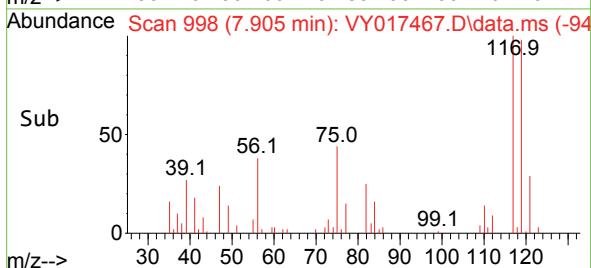
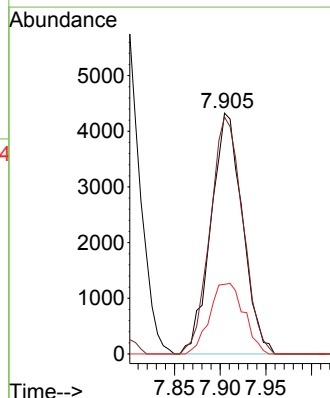
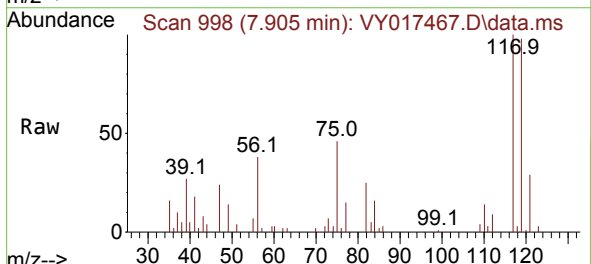
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4372
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 9.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 4.429 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 117 Resp: 10386
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.6
121 28.9 24.0 36.0





#39

Methylcyclohexane

Concen: 4.227 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

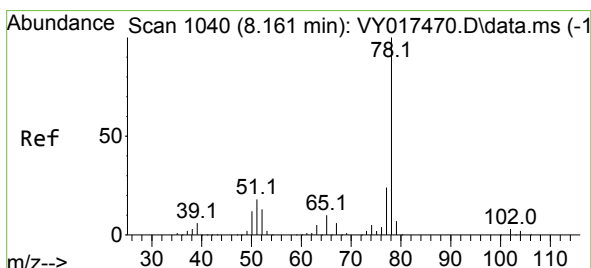
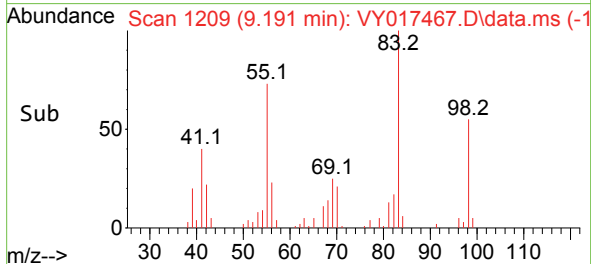
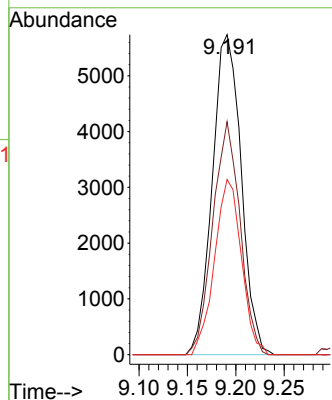
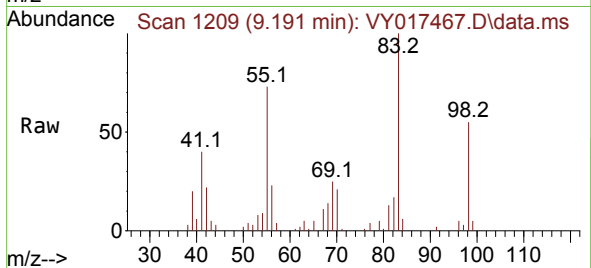
Tgt Ion: 83 Resp: 11887

Ion Ratio Lower Upper

83 100

55 72.8 51.5 77.3

98 54.7 40.5 60.7



#40

Benzene

Concen: 4.564 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017467.D

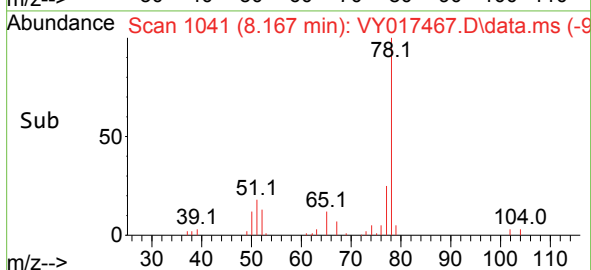
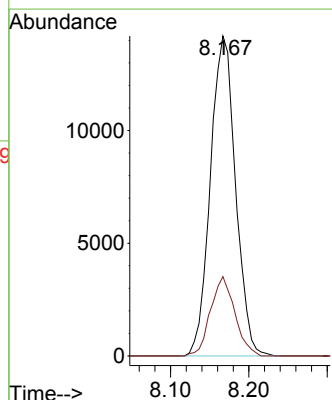
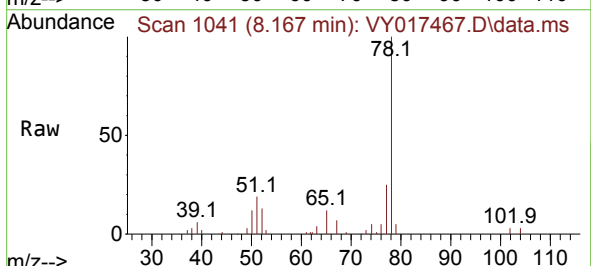
Acq: 23 Feb 2024 16:24

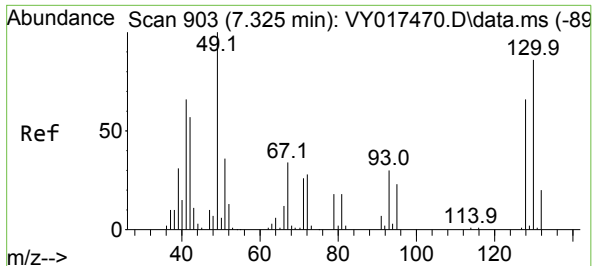
Tgt Ion: 78 Resp: 31715

Ion Ratio Lower Upper

78 100

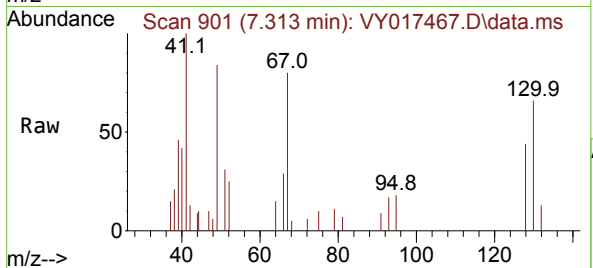
77 24.8 19.5 29.3





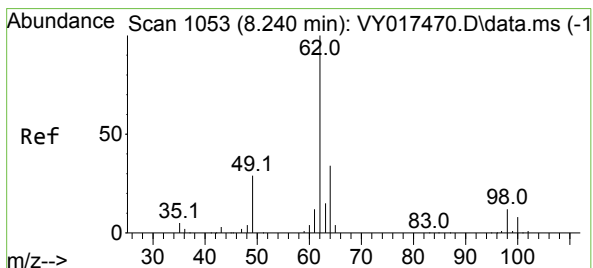
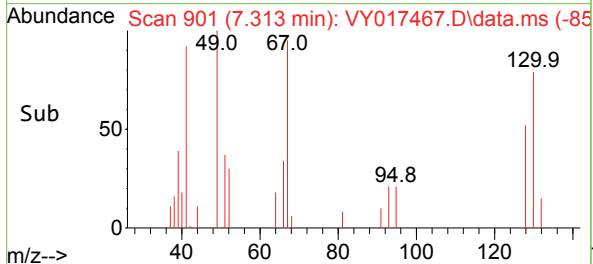
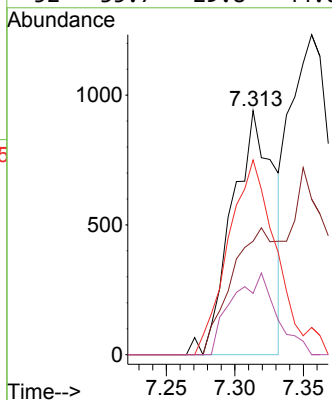
#41
Methacrylonitrile
Concen: 4.297 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1993

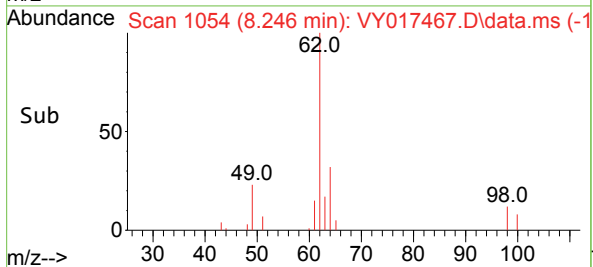
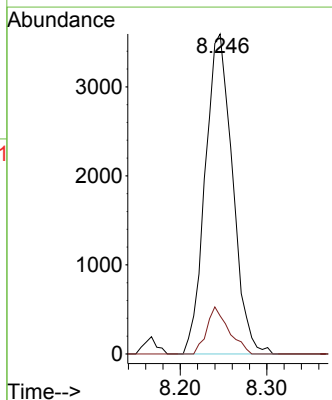
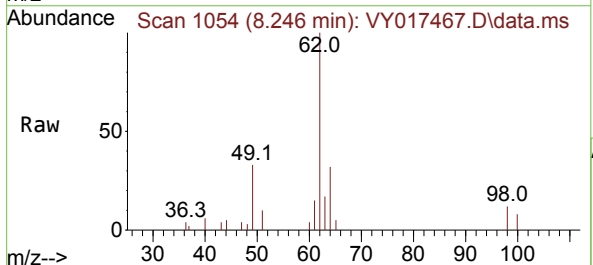
Ion	Ratio	Lower	Upper
41	100		
39	57.0	48.0	72.0
67	92.4	75.1	112.7
52	35.7	29.8	44.6

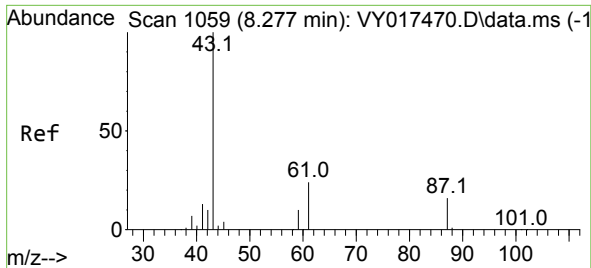


#42
1,2-Dichloroethane
Concen: 4.638 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 62 Resp: 7864

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	22.0

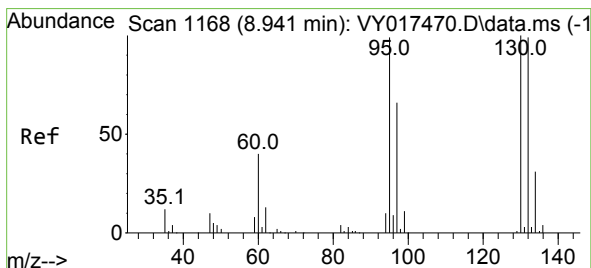
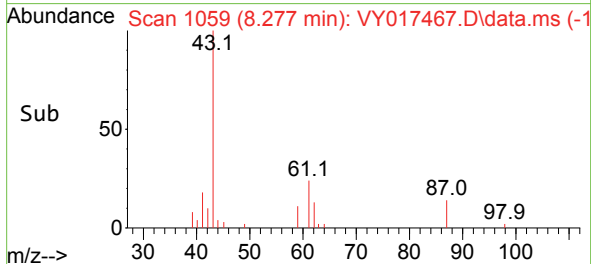
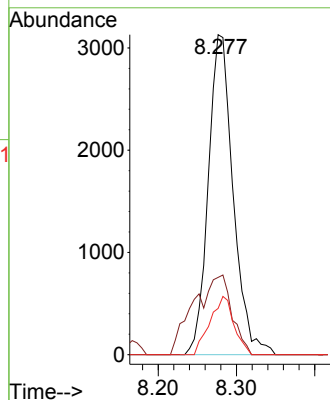
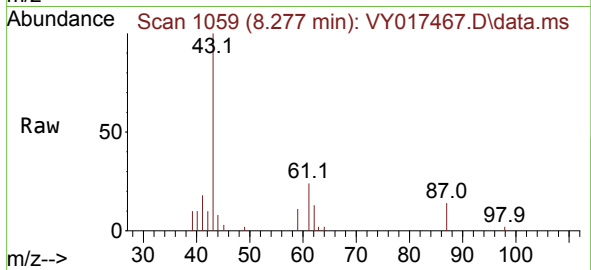




#43
Isopropyl Acetate
Concen: 4.251 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

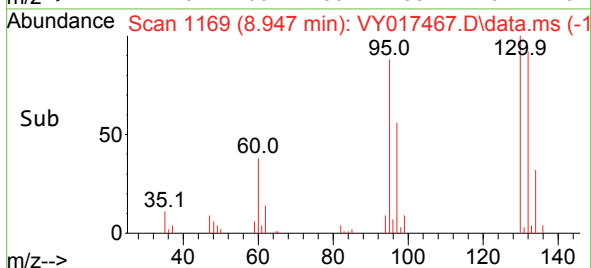
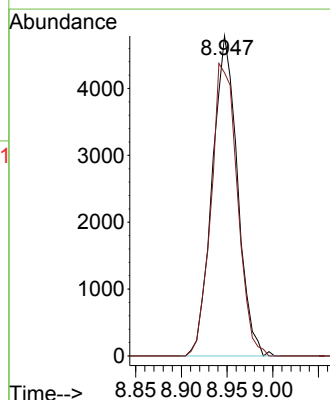
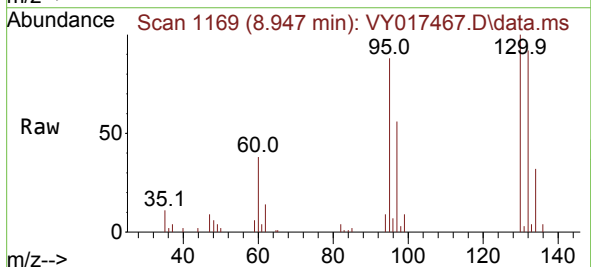
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

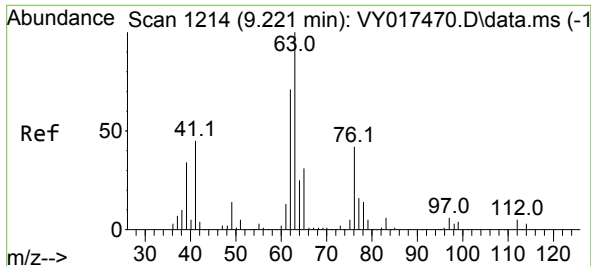
Tgt Ion:	43	Resp:	6903
Ion	Ratio	Lower	Upper
43	100		
61	38.1	27.9	41.9
87	17.5	13.1	19.7



#44
Trichloroethene
Concen: 4.587 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion:	130	Resp:	9187
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	188.0





#45

1,2-Dichloropropane

Concen: 4.424 ug/l

RT: 9.221 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

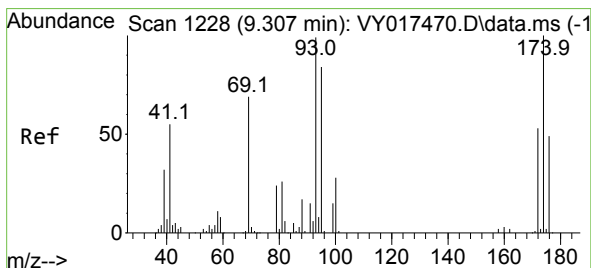
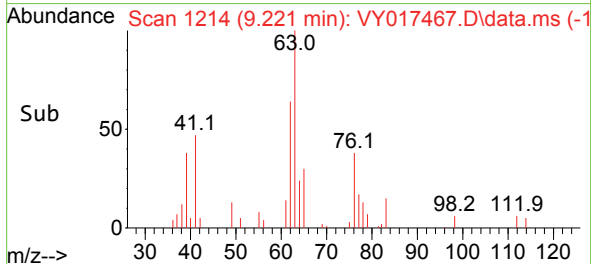
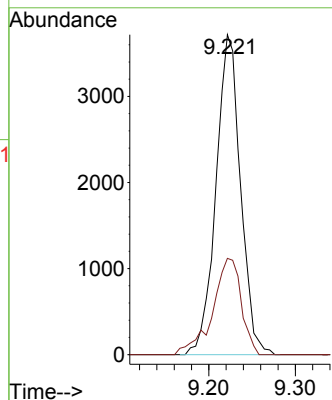
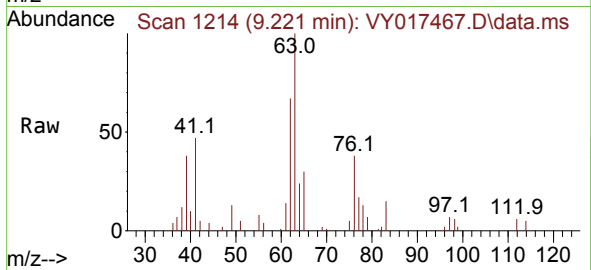
VSTDIC005

Tgt Ion: 63 Resp: 7314

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.2



#46

Dibromomethane

Concen: 4.432 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

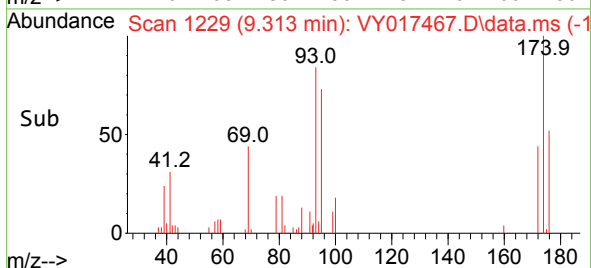
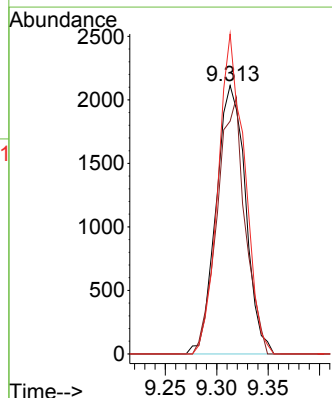
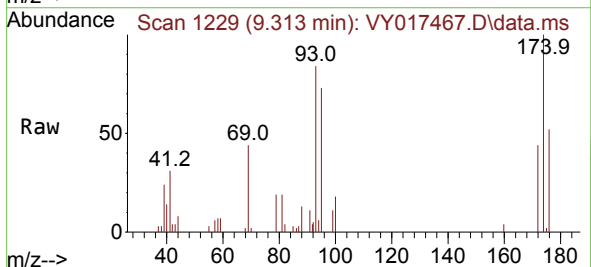
Tgt Ion: 93 Resp: 4193

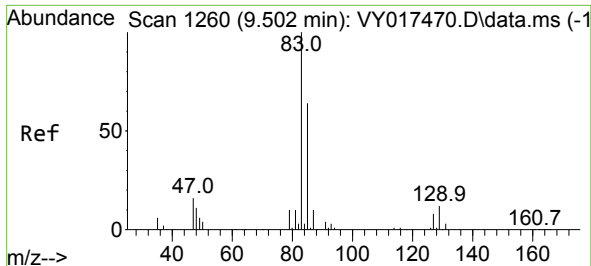
Ion Ratio Lower Upper

93 100

95 90.5 66.2 99.4

174 107.7 80.9 121.3

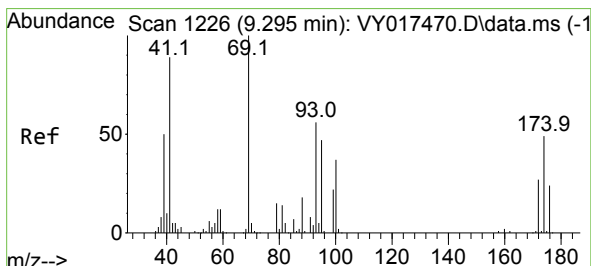
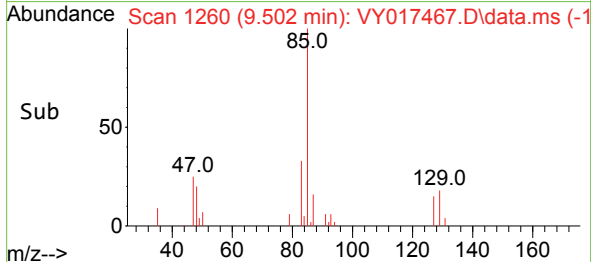
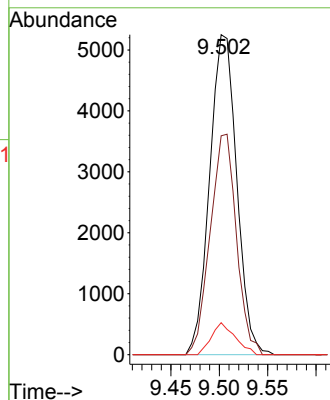
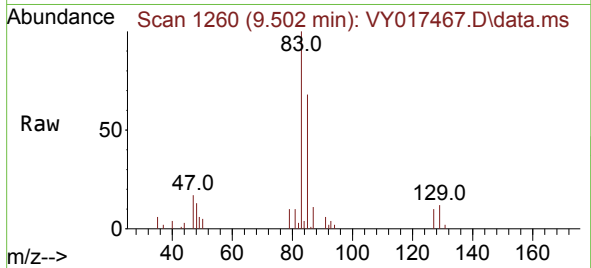




#47
Bromodichloromethane
Concen: 4.448 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

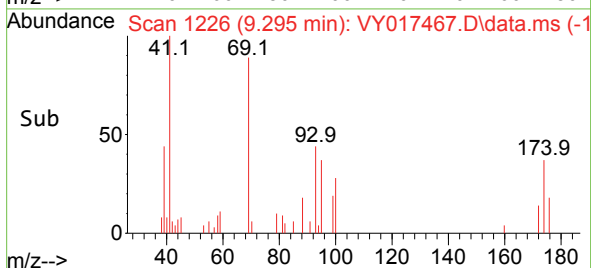
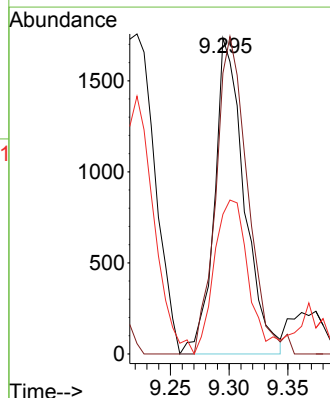
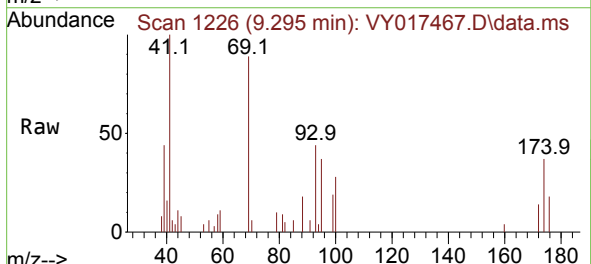
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

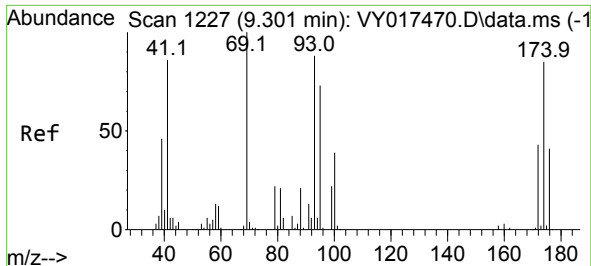
Tgt Ion: 83 Resp: 10219
Ion Ratio Lower Upper
83 100
85 68.4 50.1 75.1
127 10.0 7.4 11.0



#48
Methyl methacrylate
Concen: 4.075 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 41 Resp: 3063
Ion Ratio Lower Upper
41 100
69 107.3 84.1 126.1
39 56.1 43.6 65.4





#49

1,4-Dioxane

Concen: 84.985 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

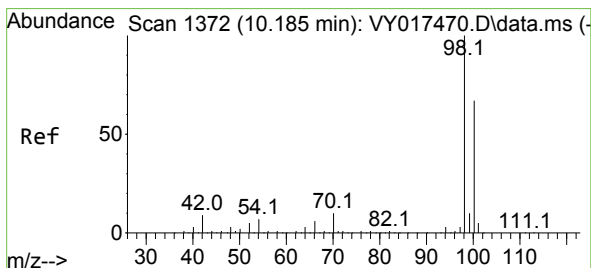
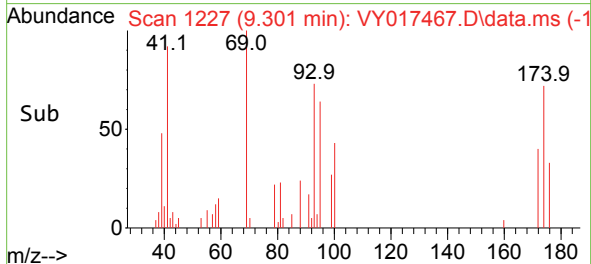
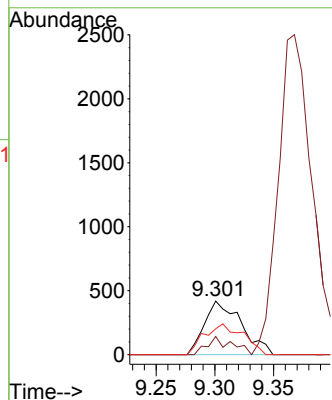
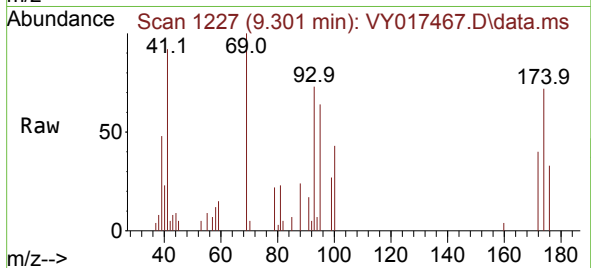
Tgt Ion: 88 Resp: 910

Ion Ratio Lower Upper

88 100

43 22.6 0.0 0.0#

58 60.3 49.3 73.9



#50

Toluene-d8

Concen: 5.154 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY017467.D

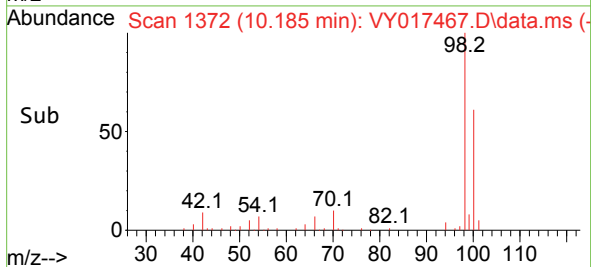
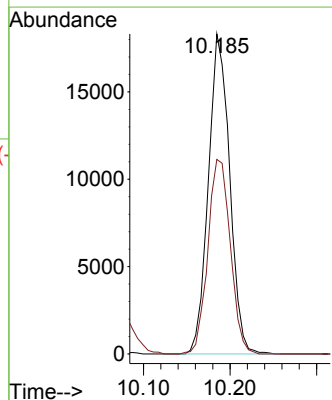
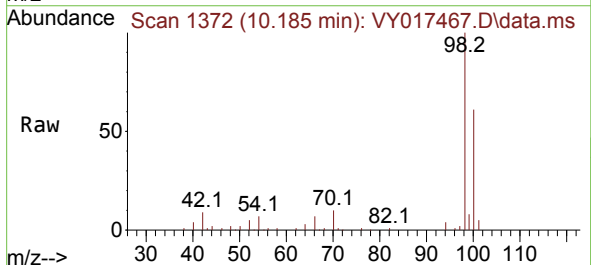
Acq: 23 Feb 2024 16:24

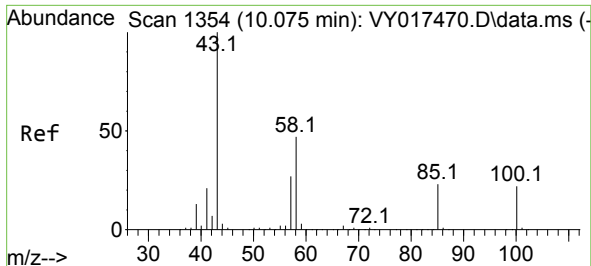
Tgt Ion: 98 Resp: 31252

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

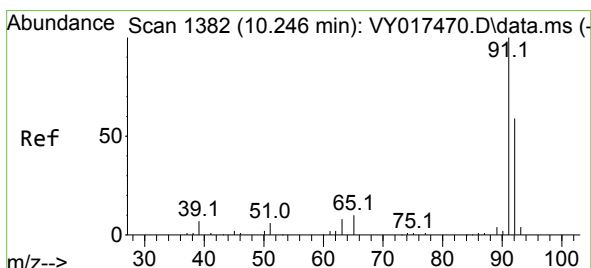
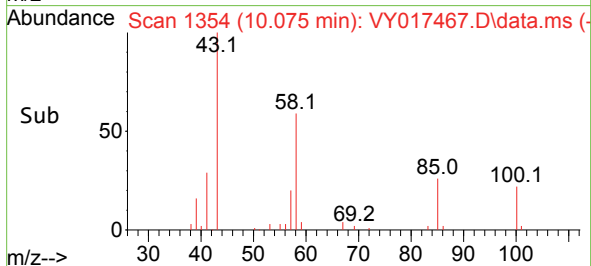
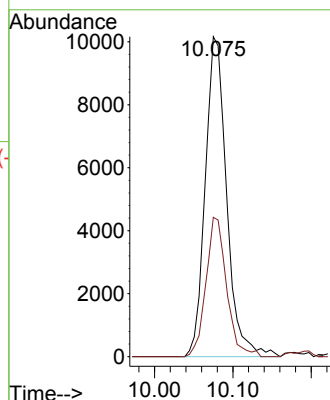
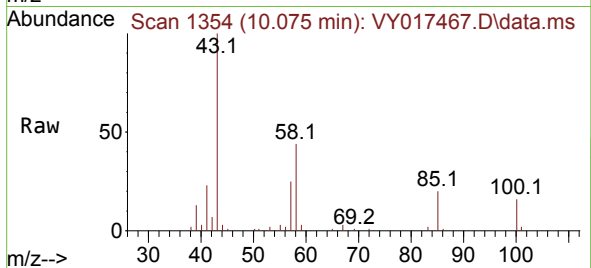




#51
4-Methyl-2-Pentanone
Concen: 21.313 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

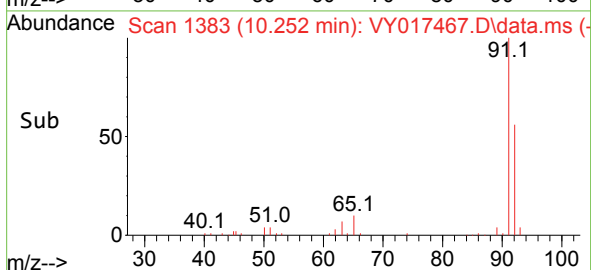
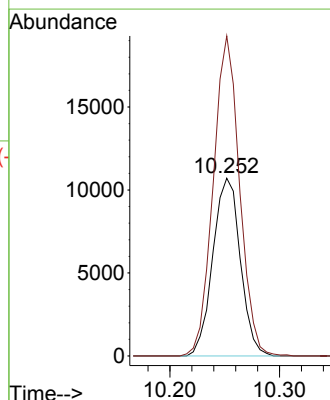
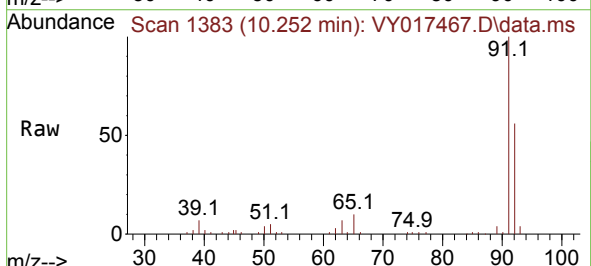
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

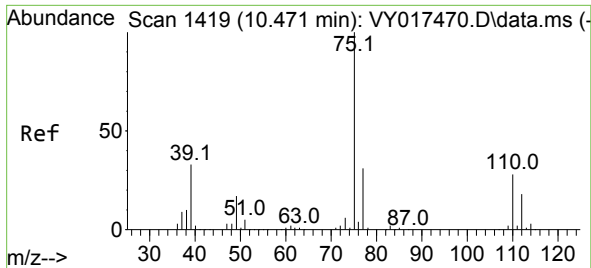
Tgt Ion: 43 Resp: 19291
Ion Ratio Lower Upper
43 100
58 42.0 35.7 53.5



#52
Toluene
Concen: 4.262 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 92 Resp: 18672
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6

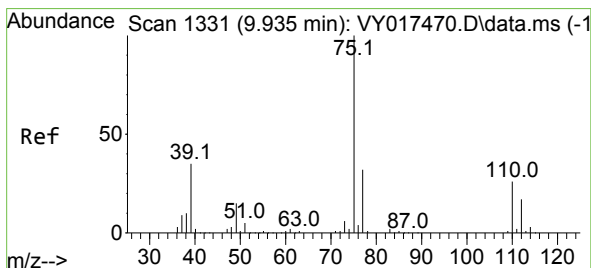
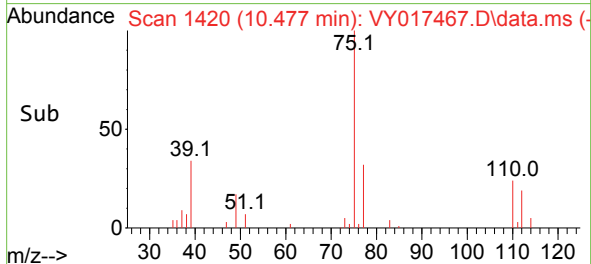
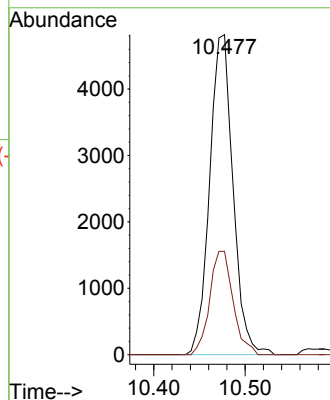
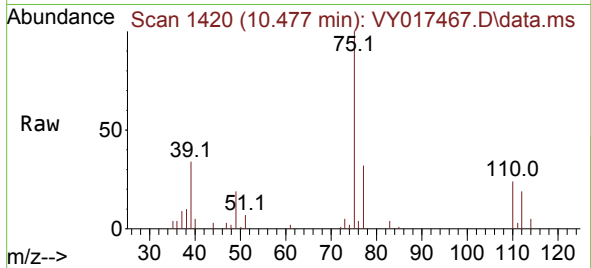




#53
 t-1,3-Dichloropropene
 Concen: 4.012 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017467.D
 Acq: 23 Feb 2024 16:24

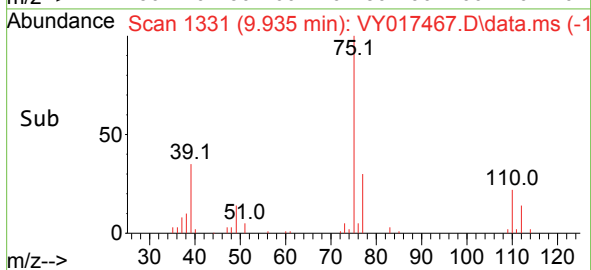
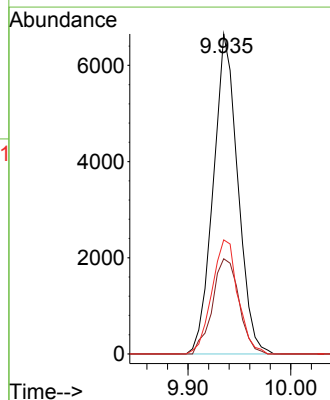
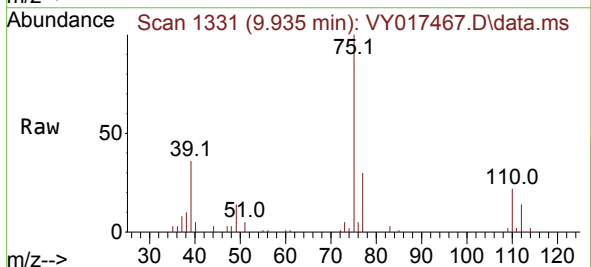
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

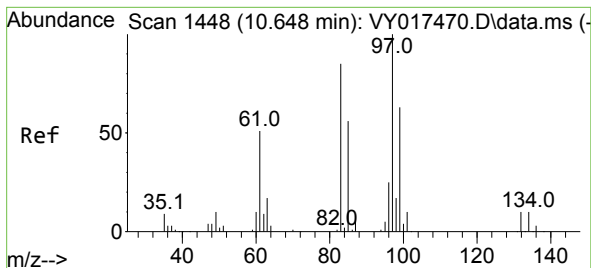
Tgt Ion: 75 Resp: 8556
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 4.252 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017467.D
 Acq: 23 Feb 2024 16:24

Tgt Ion: 75 Resp: 11018
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0
 39 35.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 4.478 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 6015

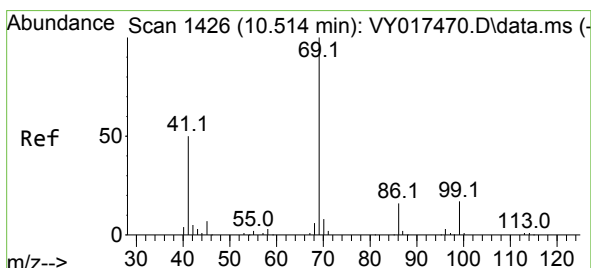
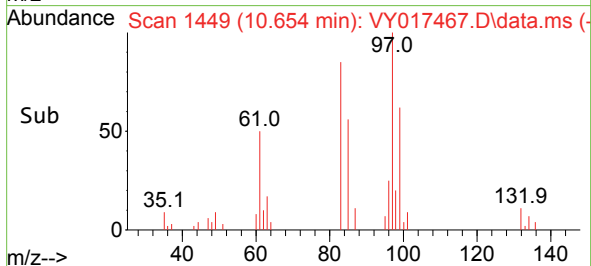
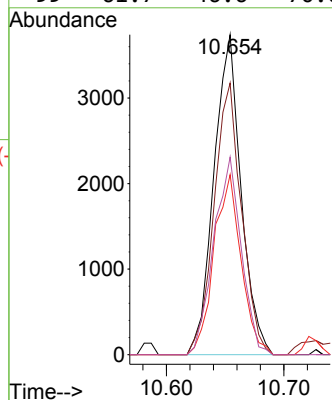
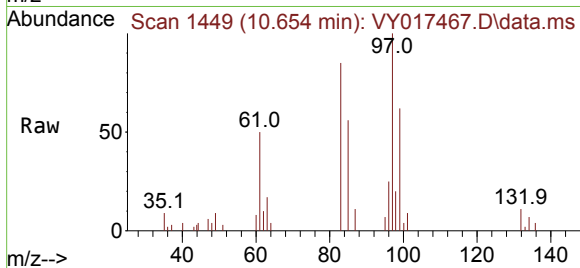
Ion Ratio Lower Upper

97 100

83 84.9 67.5 101.3

85 56.3 42.9 64.3

99 61.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 5.655 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

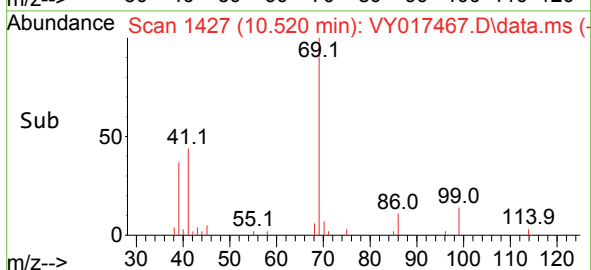
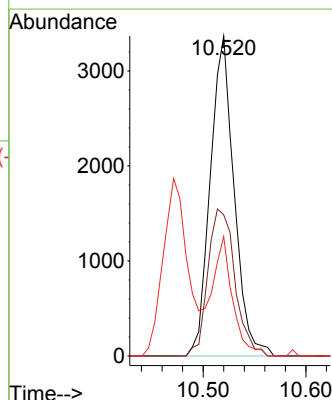
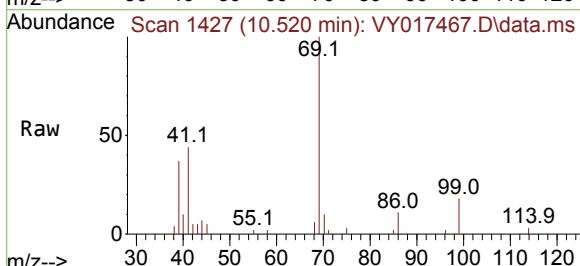
Tgt Ion: 69 Resp: 5429

Ion Ratio Lower Upper

69 100

41 52.2 42.3 63.5

39 33.4 22.9 34.3

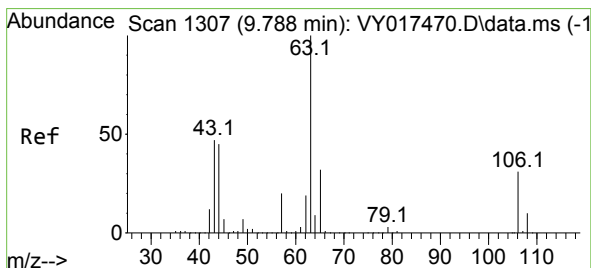
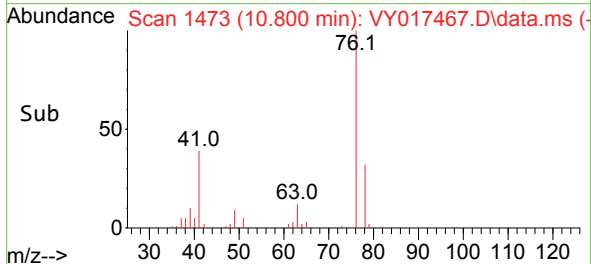
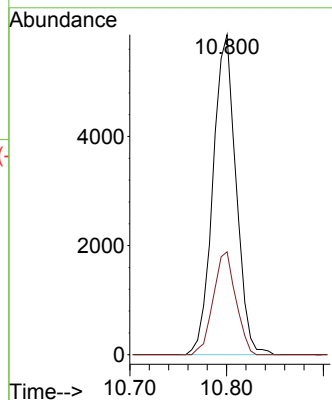
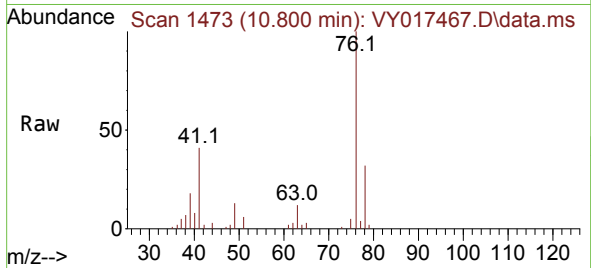




#57
1,3-Dichloropropane
Concen: 4.456 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

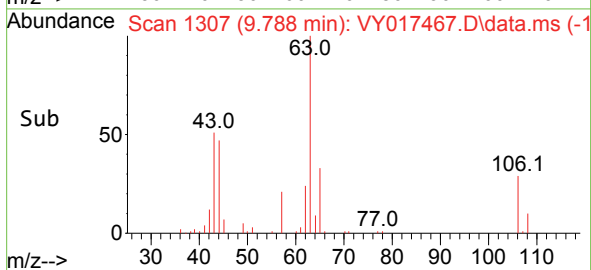
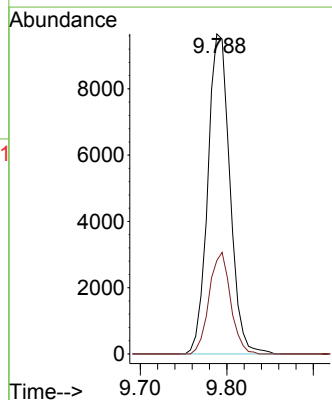
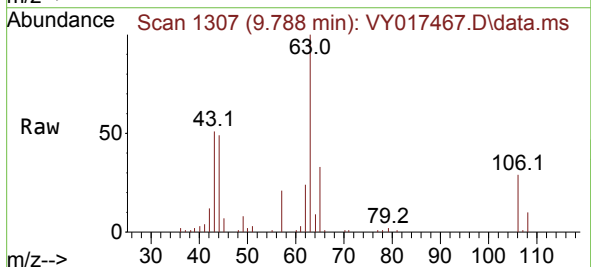
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

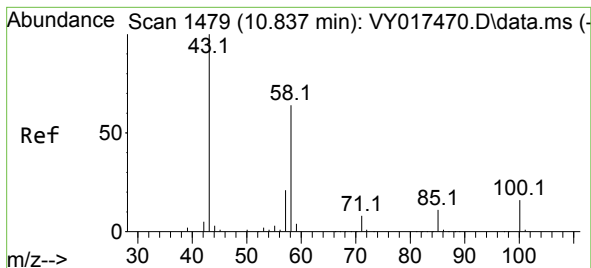
Tgt Ion: 76 Resp: 9733
Ion Ratio Lower Upper
76 100
78 31.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 22.032 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 63 Resp: 17079
Ion Ratio Lower Upper
63 100
106 30.7 23.7 35.5





#59

2-Hexanone

Concen: 19.192 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

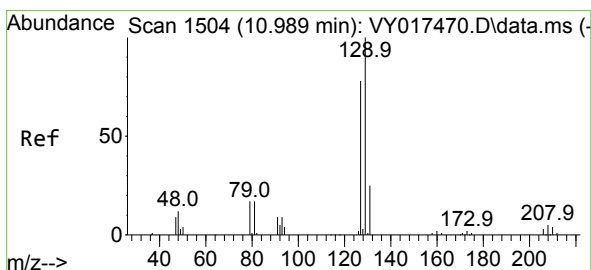
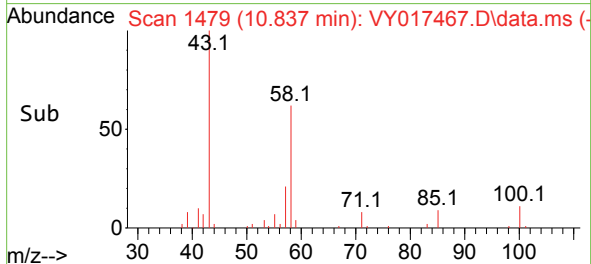
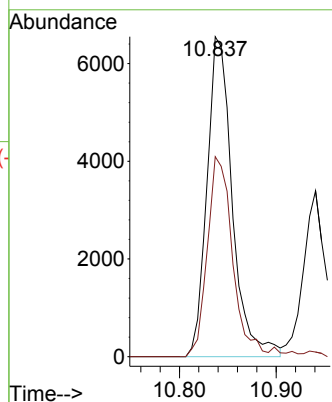
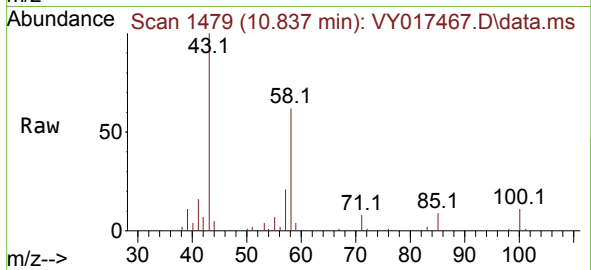
VSTDIC005

Tgt Ion: 43 Resp: 11932

Ion Ratio Lower Upper

43 100

58 61.9 31.4 94.0



#60

Dibromochloromethane

Concen: 4.246 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. -0.000 min

Lab File: VY017467.D

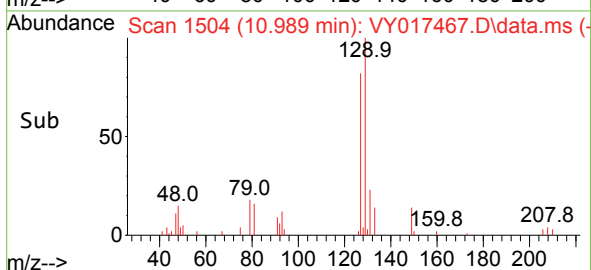
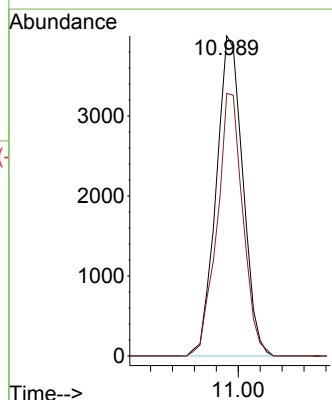
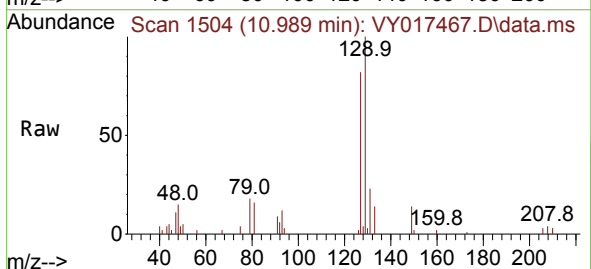
Acq: 23 Feb 2024 16:24

Tgt Ion: 129 Resp: 6747

Ion Ratio Lower Upper

129 100

127 79.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 4.314 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

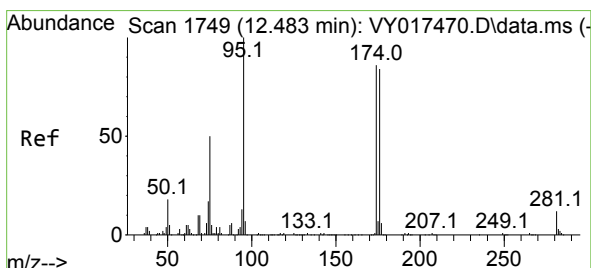
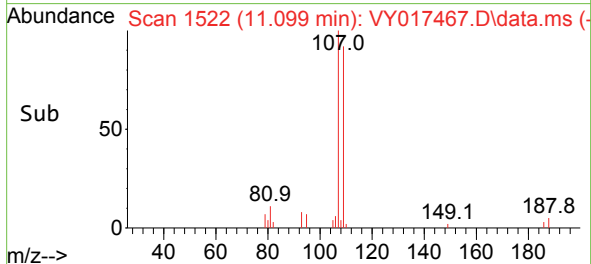
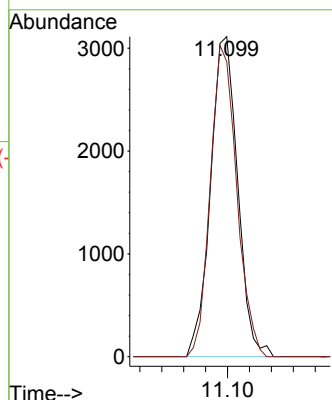
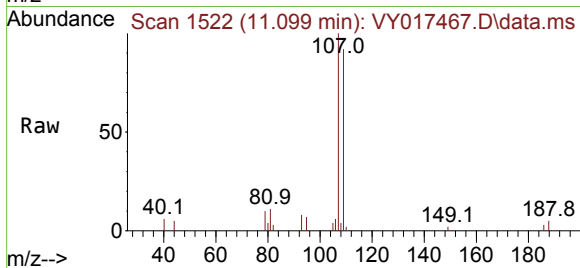
VSTDIC005

Tgt Ion:107 Resp: 5341

Ion Ratio Lower Upper

107 100

109 95.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 4.996 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

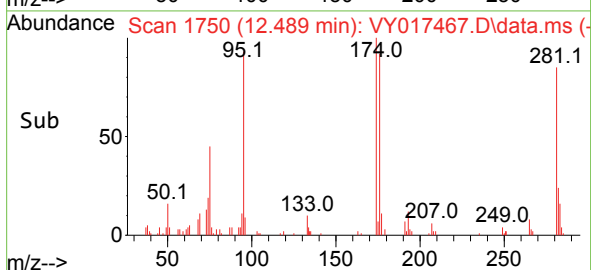
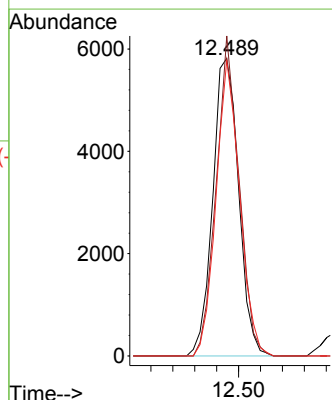
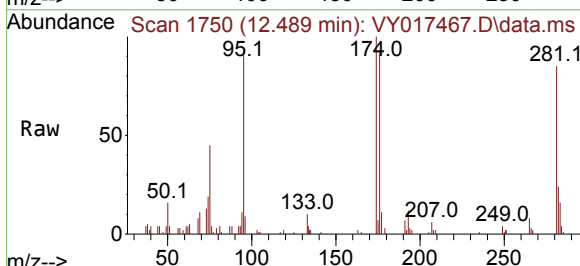
Tgt Ion: 95 Resp: 9520

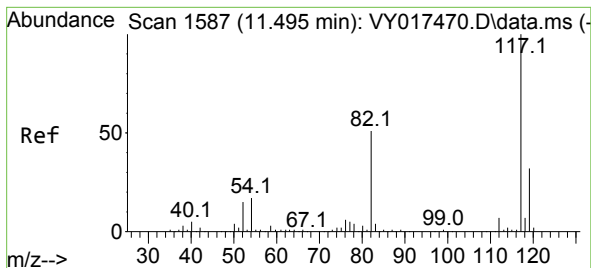
Ion Ratio Lower Upper

95 100

174 95.1 0.0 175.6

176 90.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

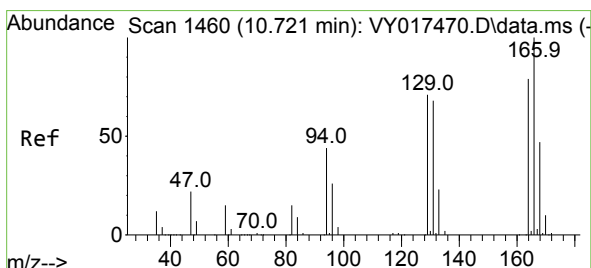
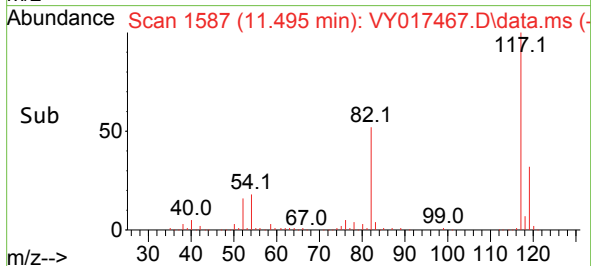
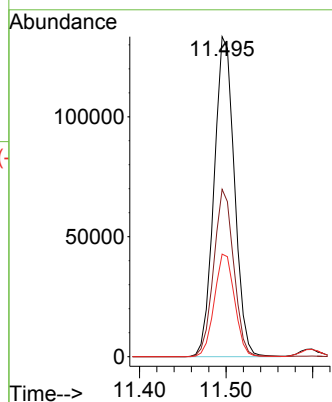
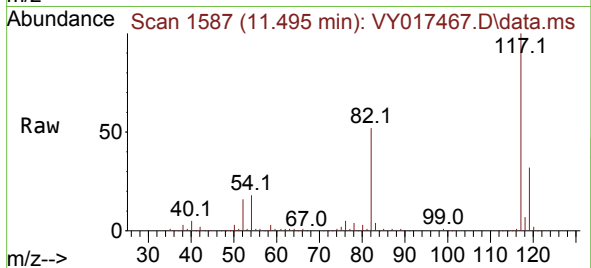
Tgt Ion:117 Resp: 218161

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 4.677 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Tgt Ion:164 Resp: 9793

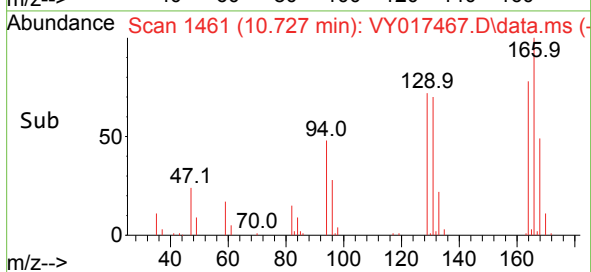
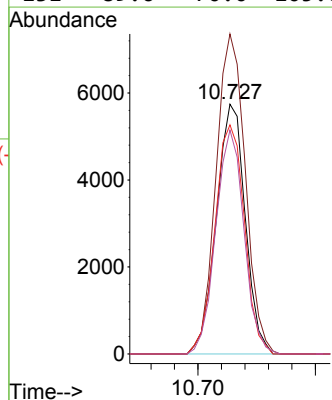
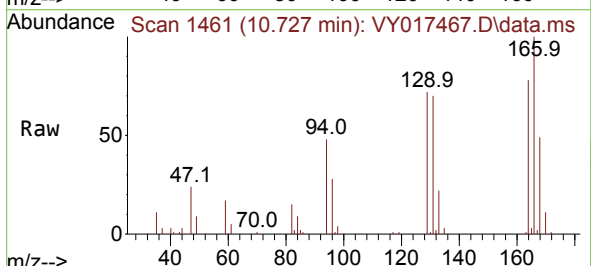
Ion Ratio Lower Upper

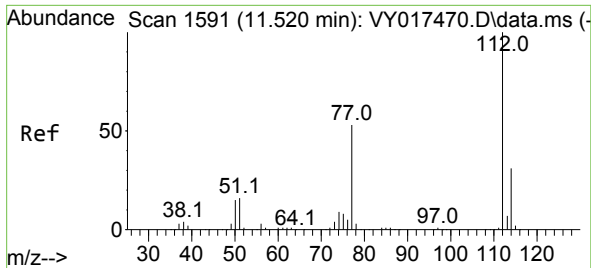
164 100

166 128.1 102.6 154.0

129 91.7 72.0 108.0

131 89.6 70.0 105.0

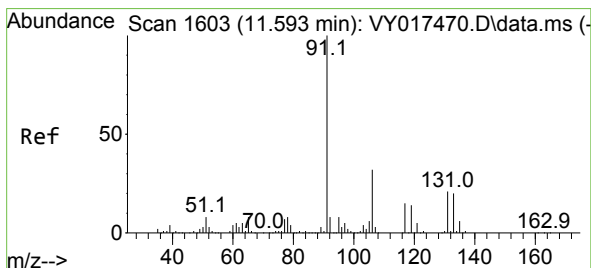
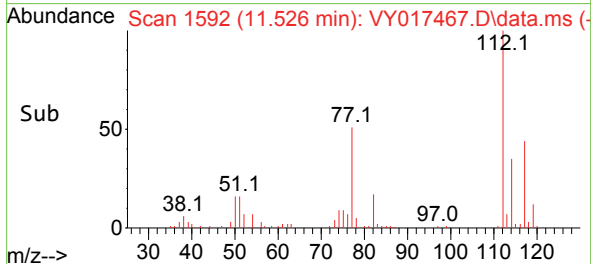
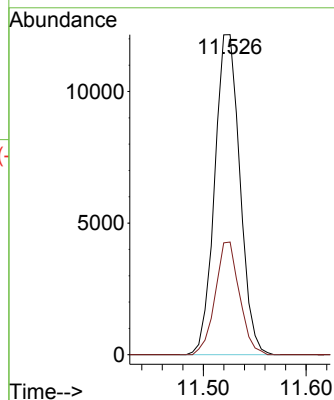
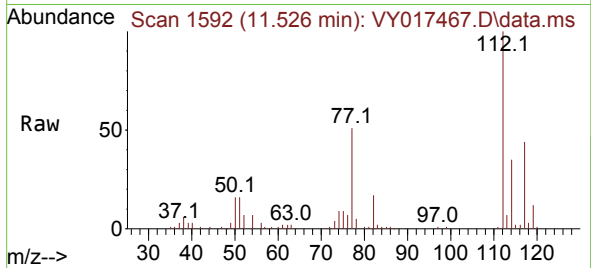




#65
Chlorobenzene
Concen: 4.472 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

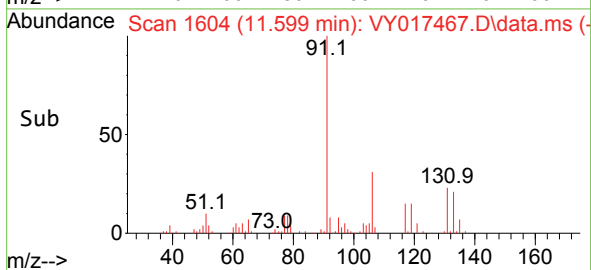
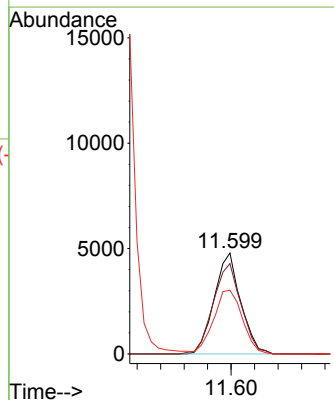
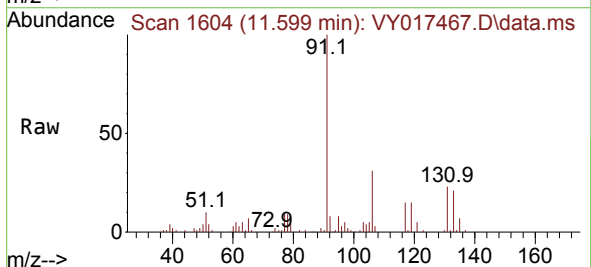
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

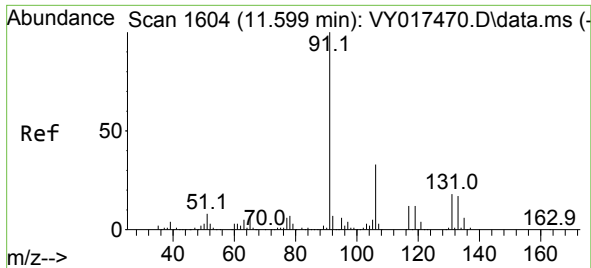
Tgt Ion:112 Resp: 20708
Ion Ratio Lower Upper
112 100
114 35.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.317 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion:131 Resp: 7489
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 68.9 34.1 102.2





#67

Ethyl Benzene

Concen: 4.116 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

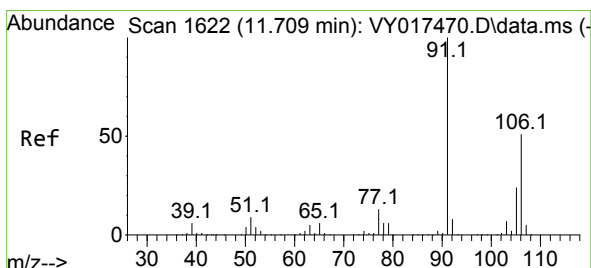
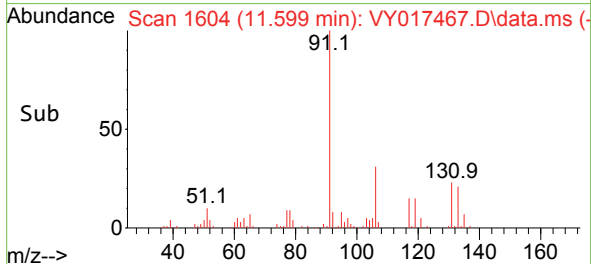
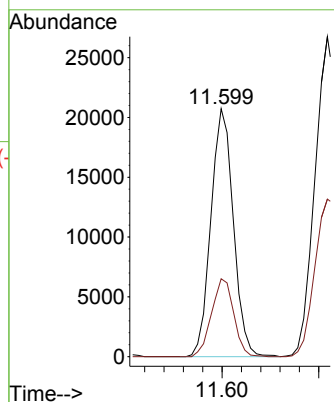
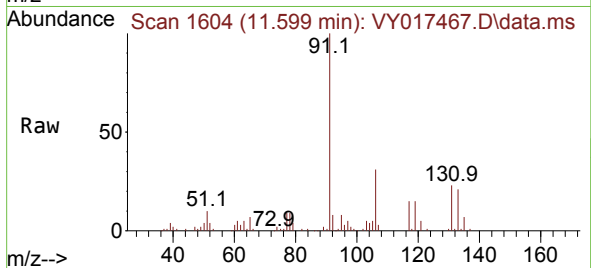
VSTDIC005

Tgt Ion: 91 Resp: 33429

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 7.963 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017467.D

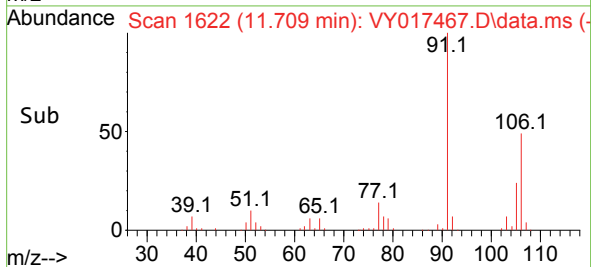
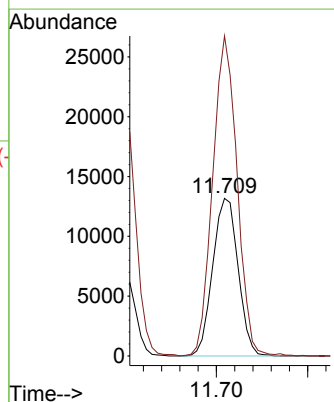
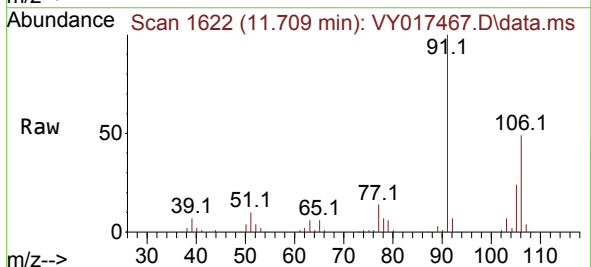
Acq: 23 Feb 2024 16:24

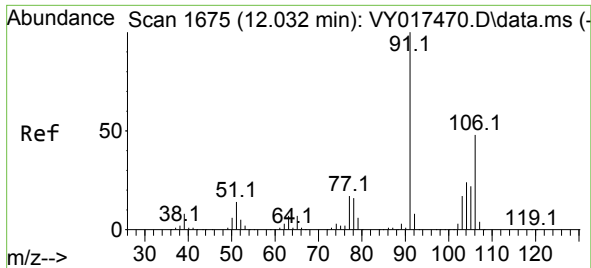
Tgt Ion: 106 Resp: 25409

Ion Ratio Lower Upper

106 100

91 195.3 156.0 234.0

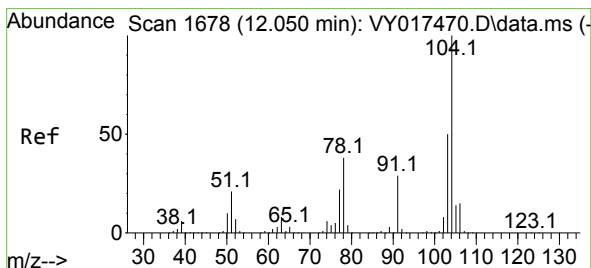
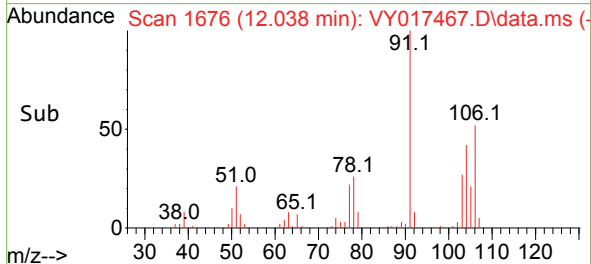
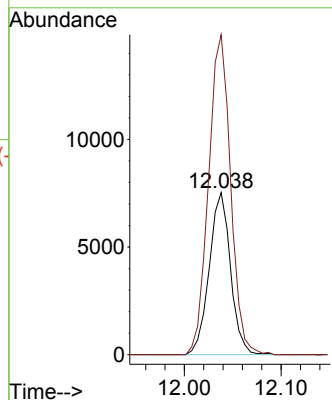
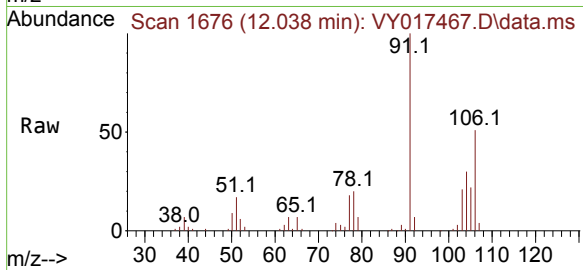




#69
o-Xylene
Concen: 3.894 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

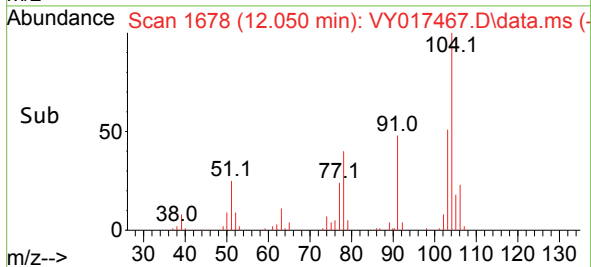
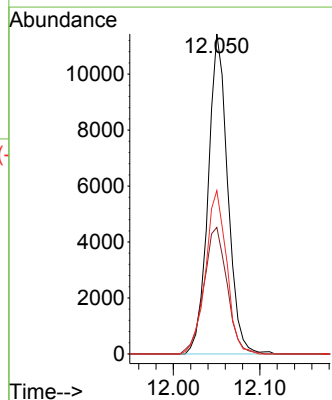
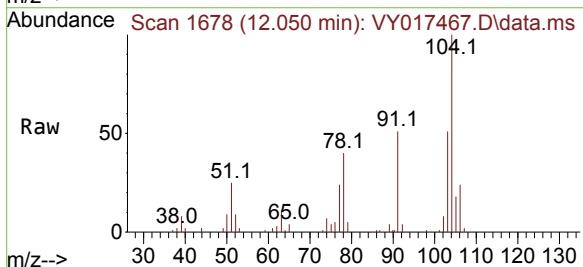
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

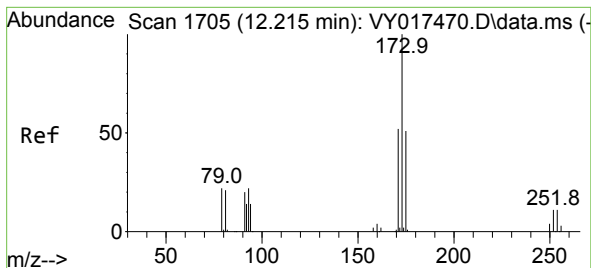
Tgt Ion:106 Resp: 11529
Ion Ratio Lower Upper
106 100
91 204.8 103.6 310.8



#70
Styrene
Concen: 3.658 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion:104 Resp: 17975
Ion Ratio Lower Upper
104 100
78 47.0 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 4.071 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

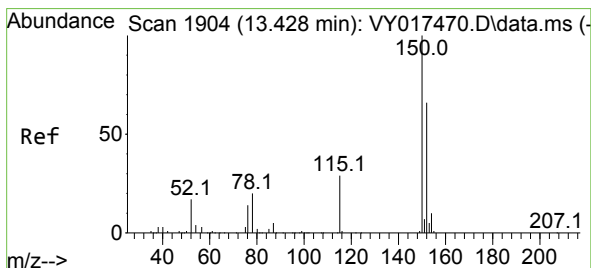
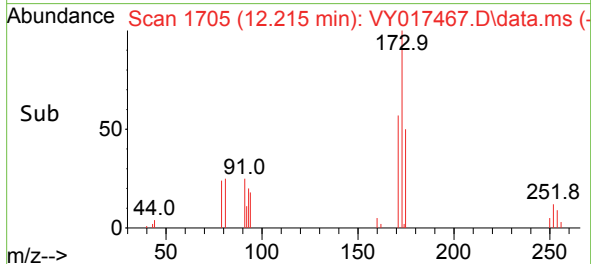
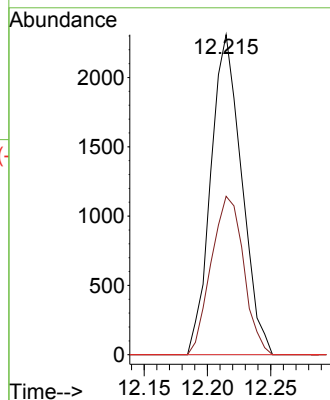
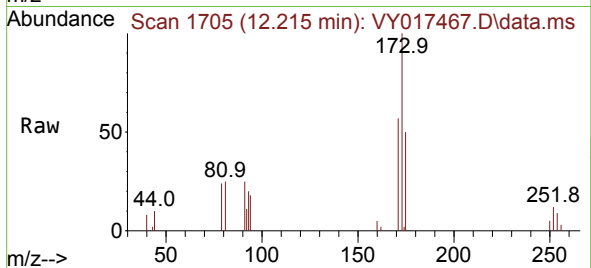
Tgt Ion:173 Resp: 3914

Ion Ratio Lower Upper

173 100

175 52.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

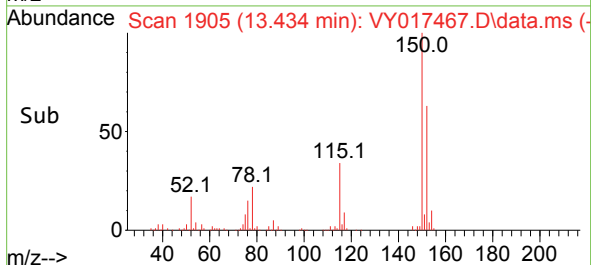
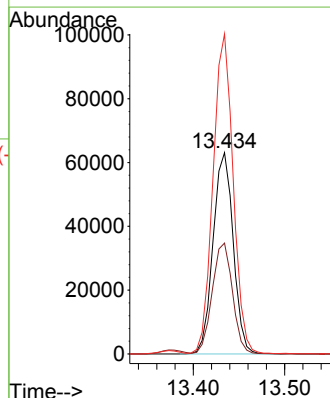
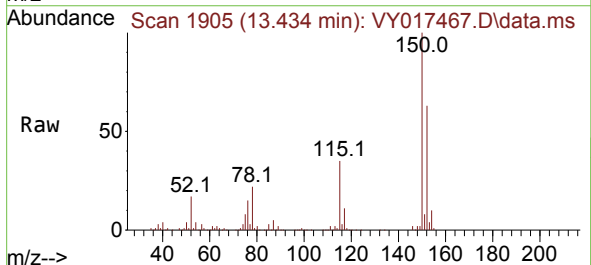
Tgt Ion:152 Resp: 96535

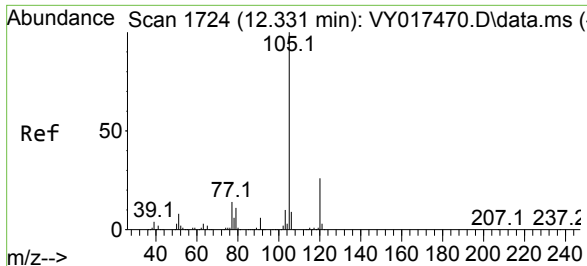
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 157.7 0.0 345.6

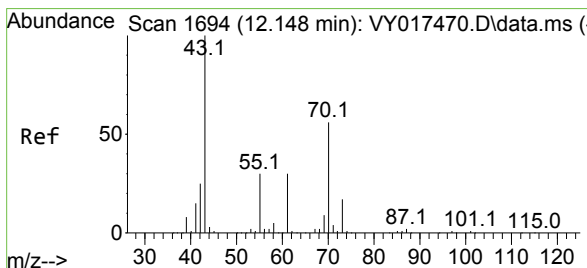
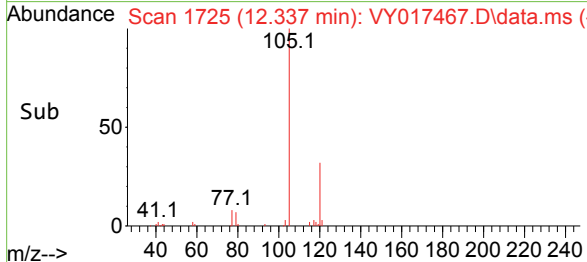
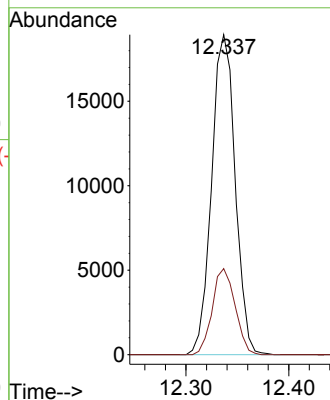
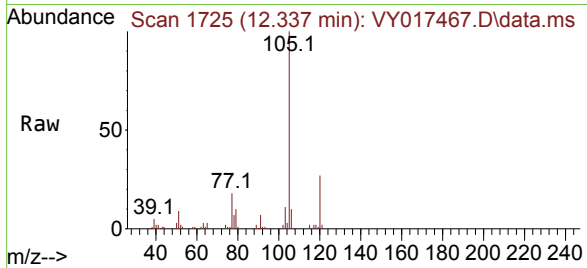




#73
Isopropylbenzene
Concen: 4.207 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

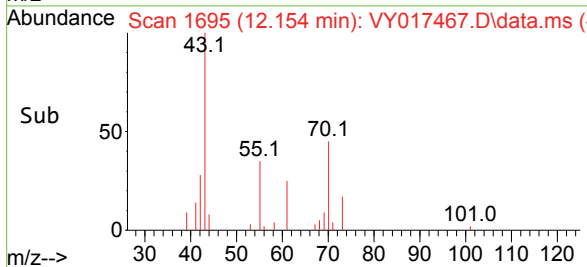
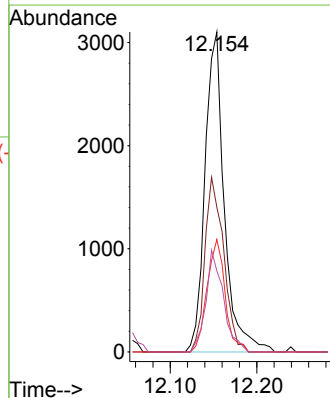
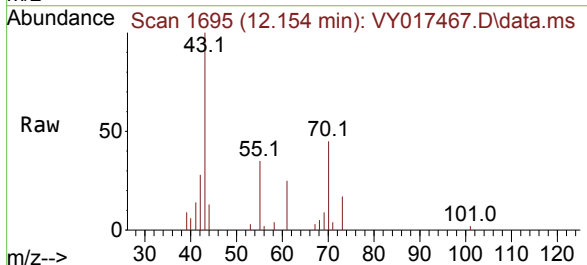
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 30173
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#74
N-ethyl acetate
Concen: 3.801 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 43 Resp: 4808
Ion Ratio Lower Upper
43 100
70 53.0 41.4 62.2
55 33.0 23.3 34.9
61 29.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 4.412 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

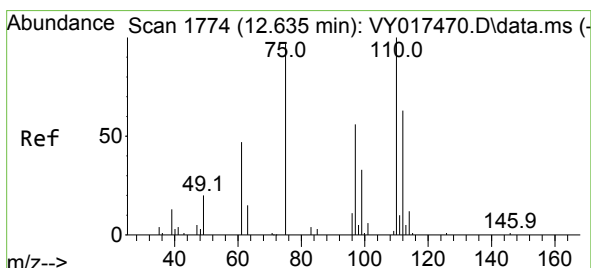
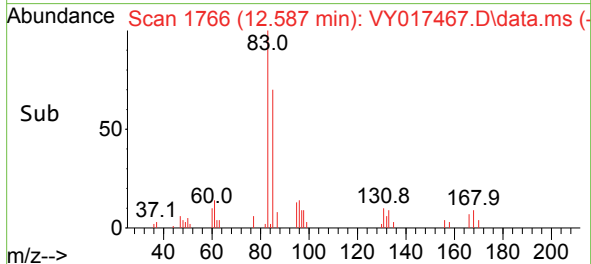
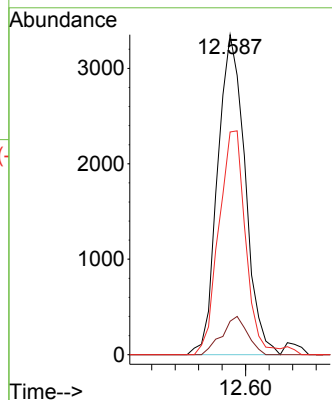
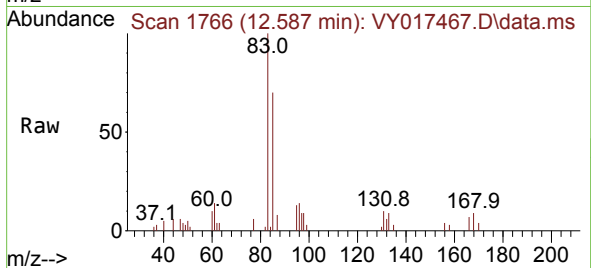
Tgt Ion: 83 Resp: 5434

Ion Ratio Lower Upper

83 100

131 11.1 5.0 14.9

85 69.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 8.127 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017467.D

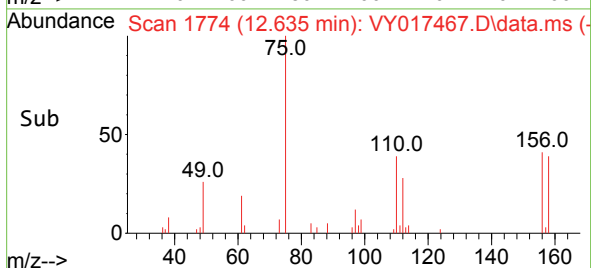
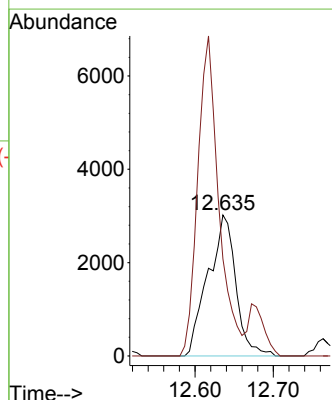
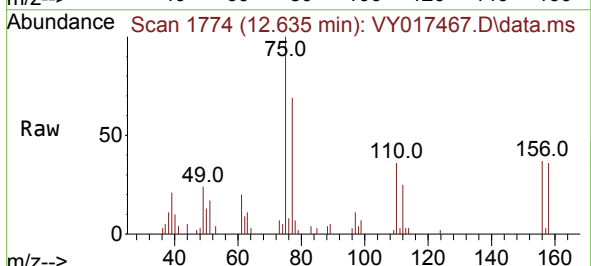
Acq: 23 Feb 2024 16:24

Tgt Ion: 75 Resp: 7454

Ion Ratio Lower Upper

75 100

77 171.8 0.0 0.0#





#77

Bromobenzene

Concen: 4.595 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

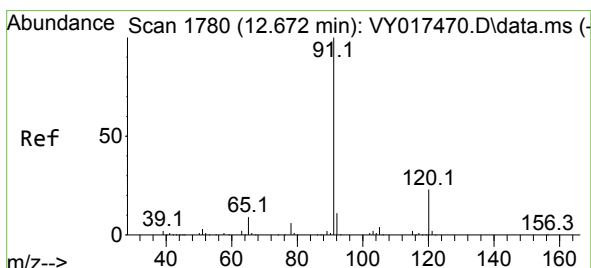
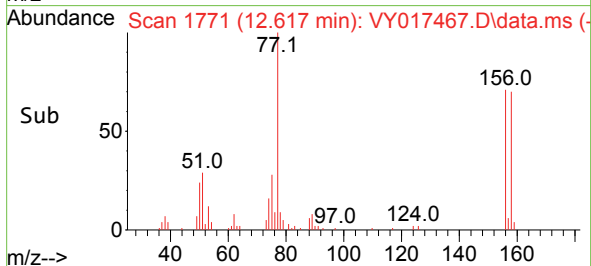
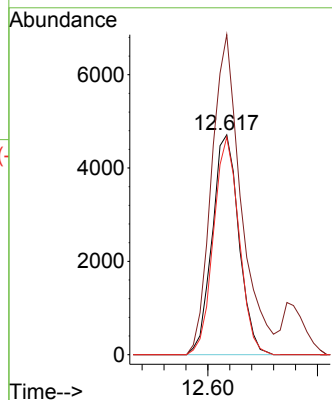
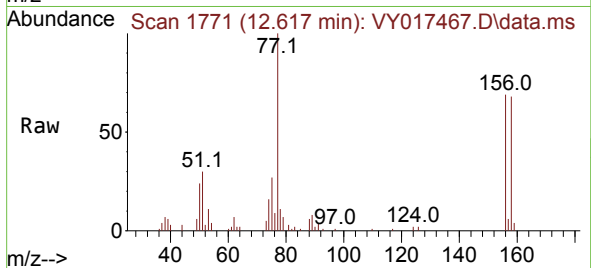
Tgt Ion:156 Resp: 7980

Ion Ratio Lower Upper

156 100

77 160.5 87.1 261.3

158 94.7 48.6 145.9



#78

n-propylbenzene

Concen: 4.215 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017467.D

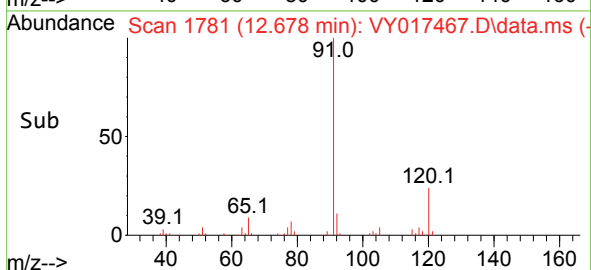
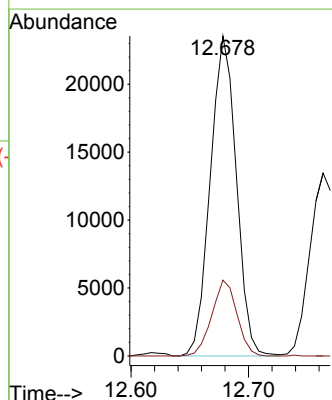
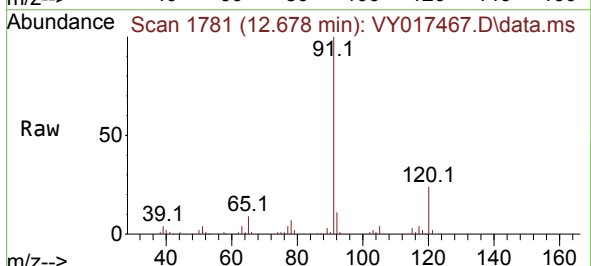
Acq: 23 Feb 2024 16:24

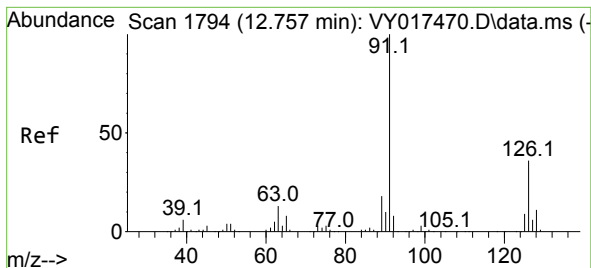
Tgt Ion: 91 Resp: 36273

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 4.569 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

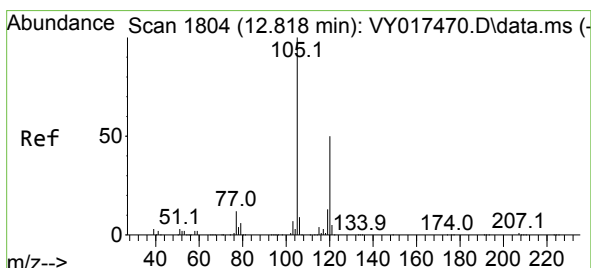
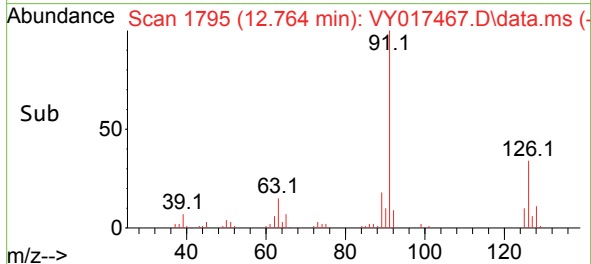
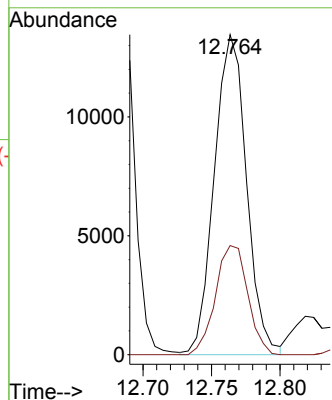
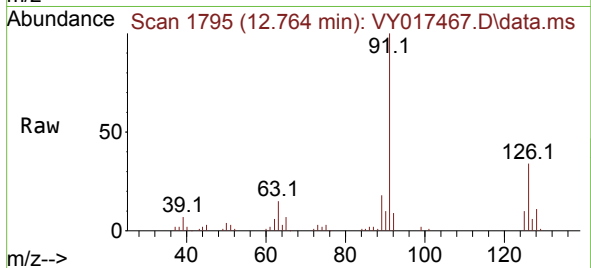
VSTDIC005

Tgt Ion: 91 Resp: 22013

Ion Ratio Lower Upper

91 100

126 34.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 4.140 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017467.D

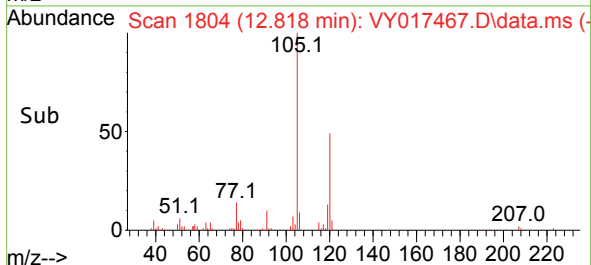
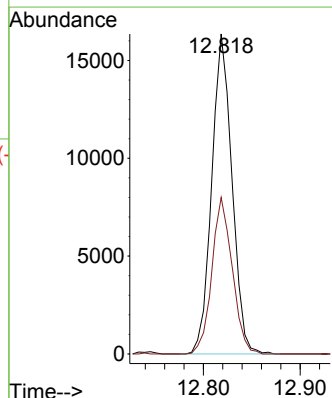
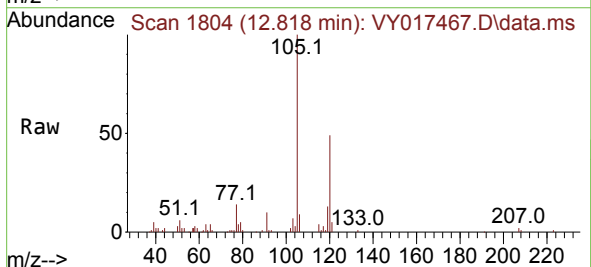
Acq: 23 Feb 2024 16:24

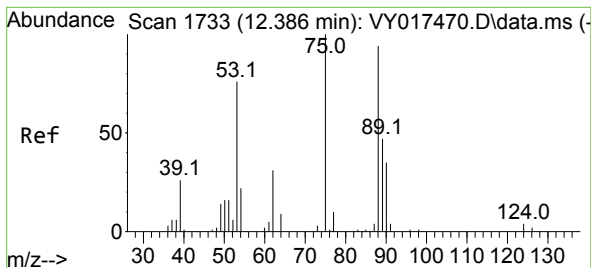
Tgt Ion: 105 Resp: 23790

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.2

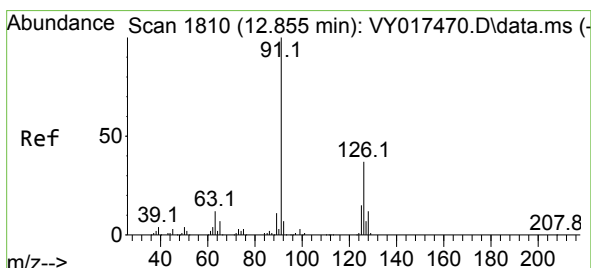
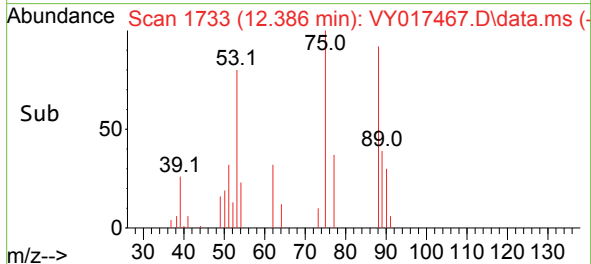
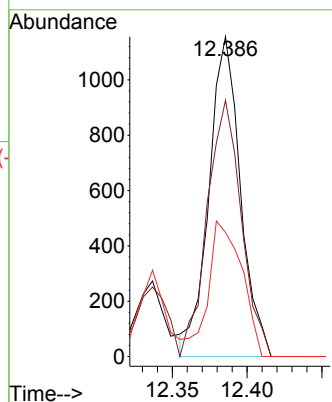
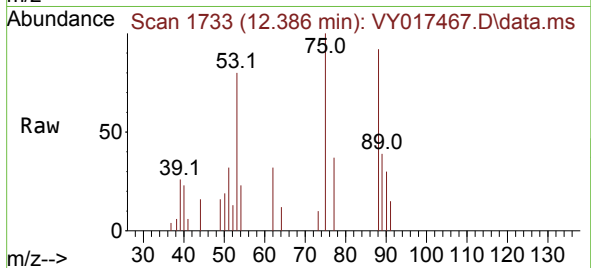




#81
trans-1,4-Dichloro-2-butene
Concen: 4.224 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

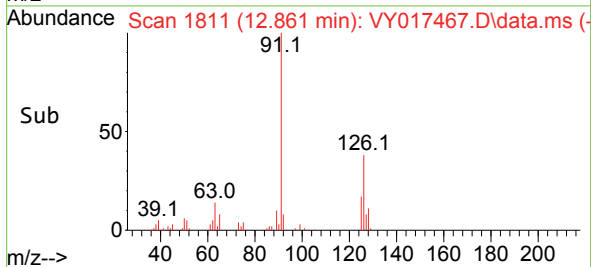
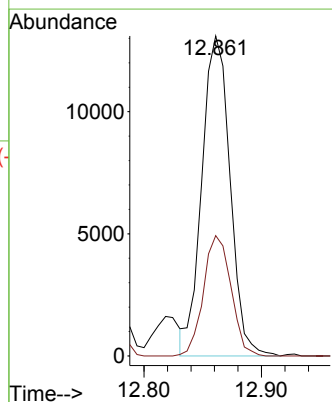
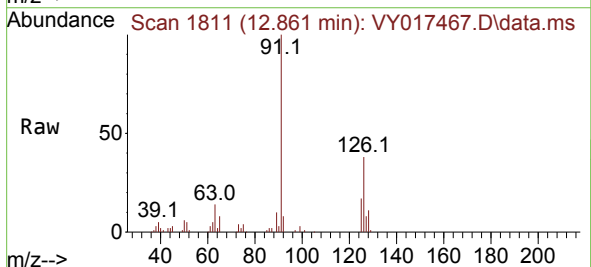
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

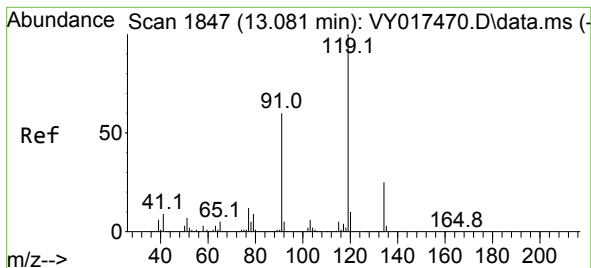
Tgt Ion: 75 Resp: 1686
Ion Ratio Lower Upper
75 100
53 87.0 66.8 100.2
89 45.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 4.438 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 91 Resp: 21869
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 4.191 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

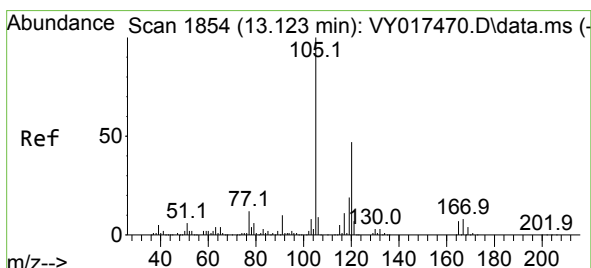
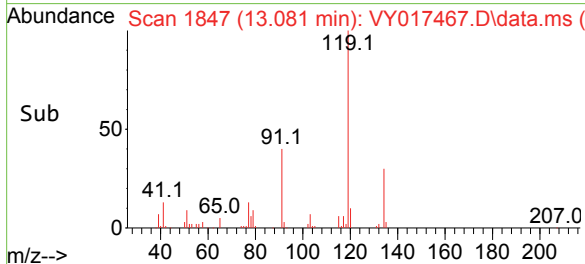
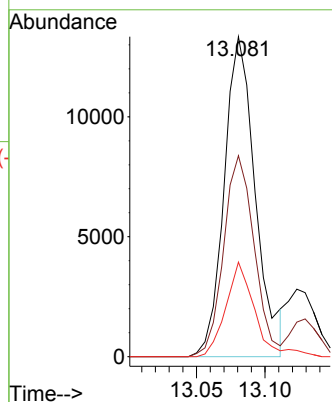
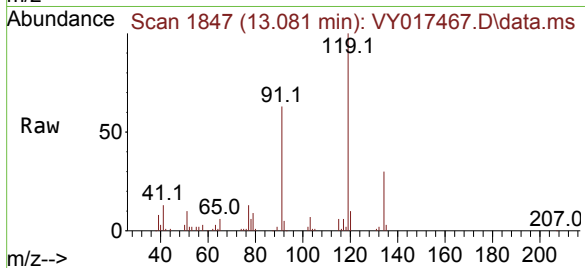
Tgt Ion:119 Resp: 21146

Ion Ratio Lower Upper

119 100

91 61.7 31.3 93.8

134 27.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 3.970 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017467.D

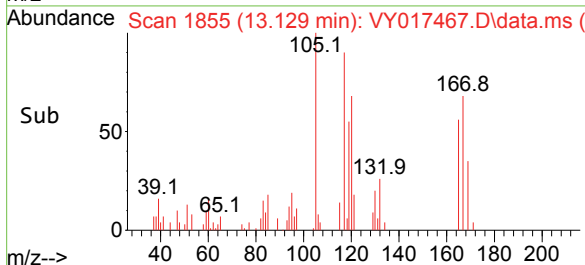
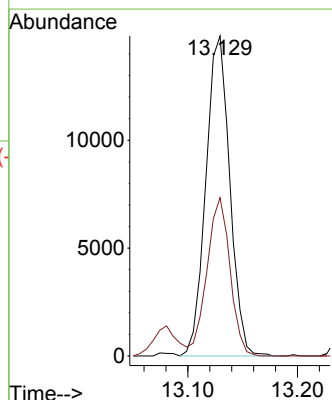
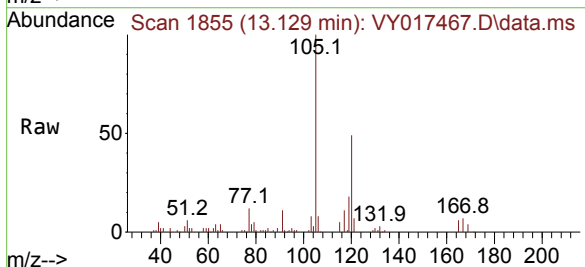
Acq: 23 Feb 2024 16:24

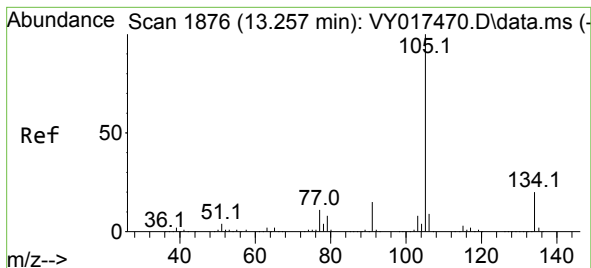
Tgt Ion:105 Resp: 22520

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.218 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

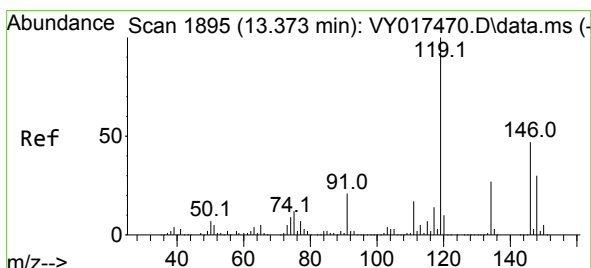
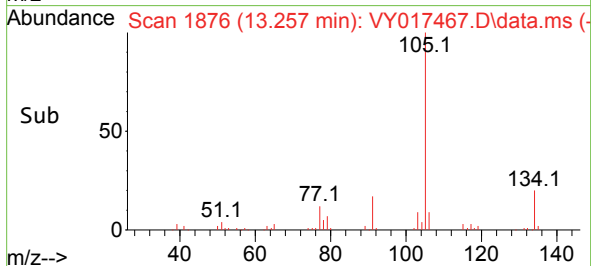
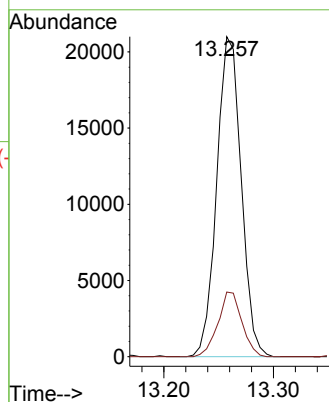
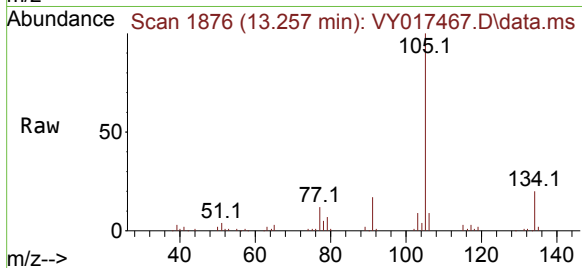
VSTDIC005

Tgt Ion:105 Resp: 32540

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 3.895 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

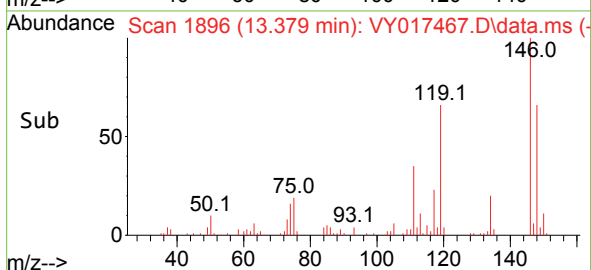
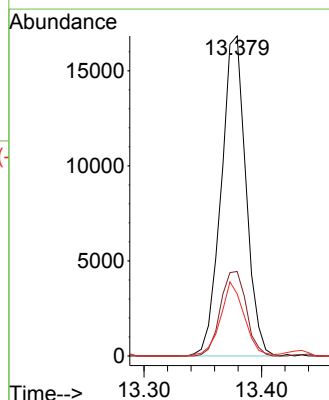
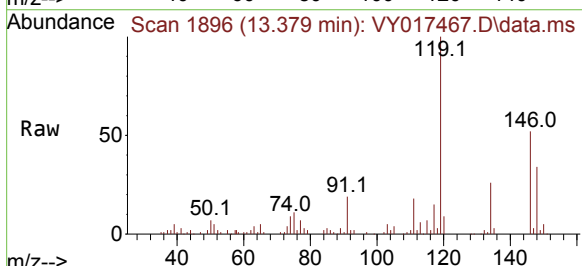
Tgt Ion:119 Resp: 24599

Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 22.3 10.7 32.1

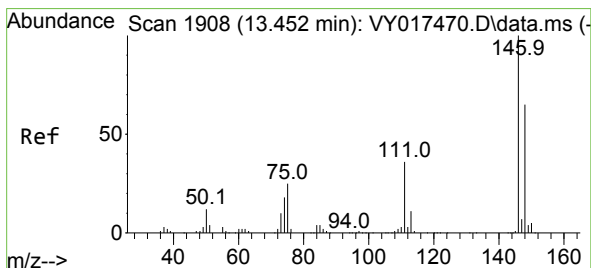
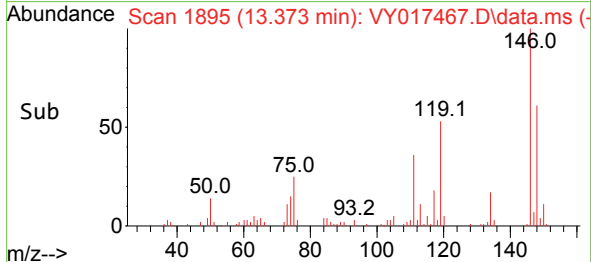
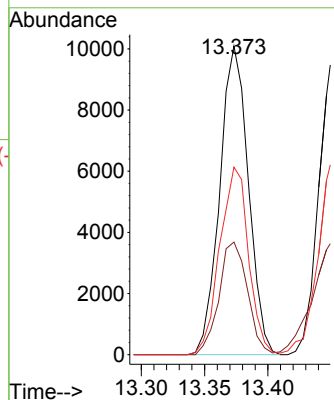
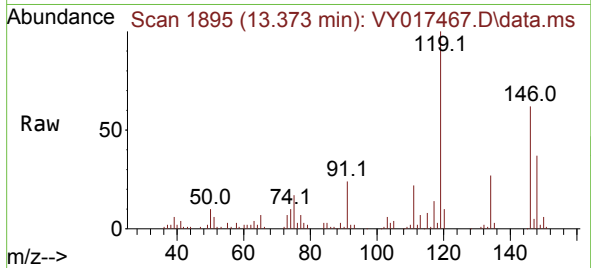




#87
 1,3-Dichlorobenzene
 Concen: 4.552 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY017467.D
 Acq: 23 Feb 2024 16:24

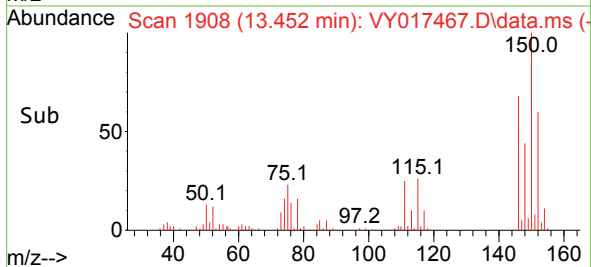
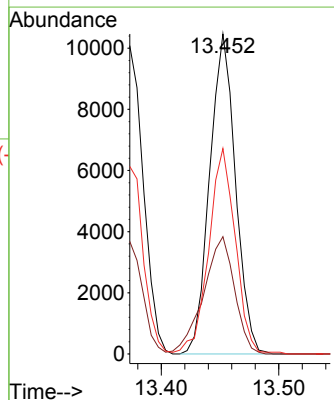
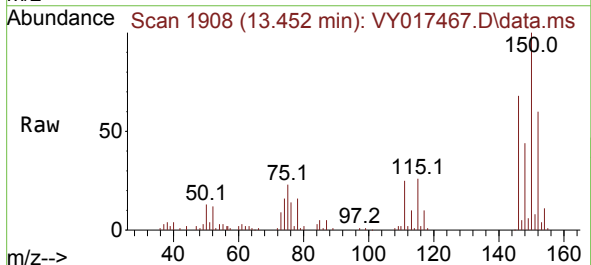
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

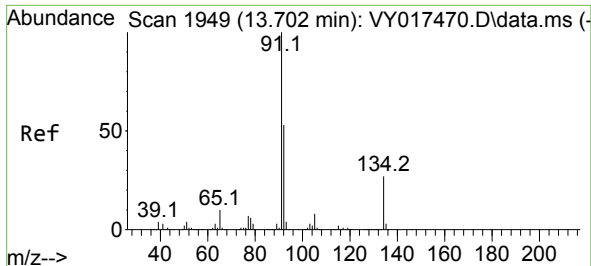
Tgt Ion:146 Resp: 15870
 Ion Ratio Lower Upper
 146 100
 111 36.3 19.0 57.0
 148 61.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 4.717 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY017467.D
 Acq: 23 Feb 2024 16:24

Tgt Ion:146 Resp: 15987
 Ion Ratio Lower Upper
 146 100
 111 44.1 18.4 55.4
 148 66.2 32.4 97.2

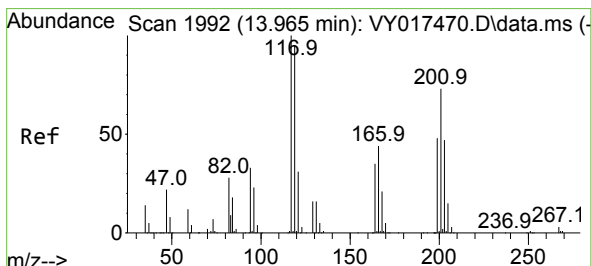
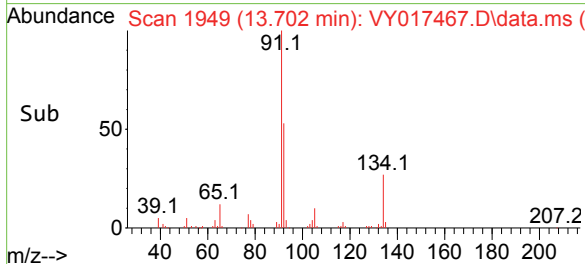
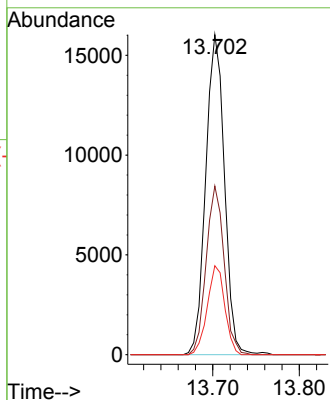
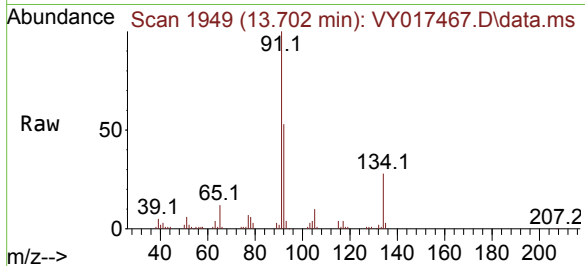




#89
n-Butylbenzene
Concen: 4.183 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

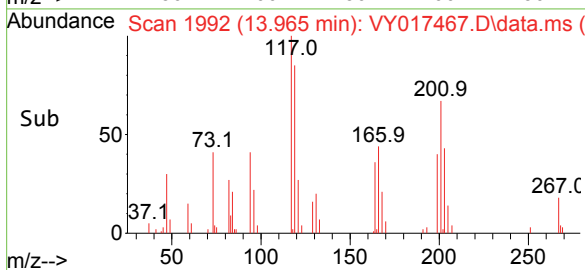
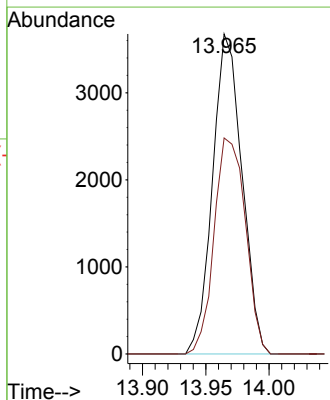
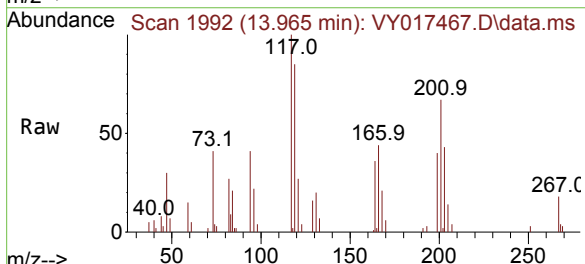
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

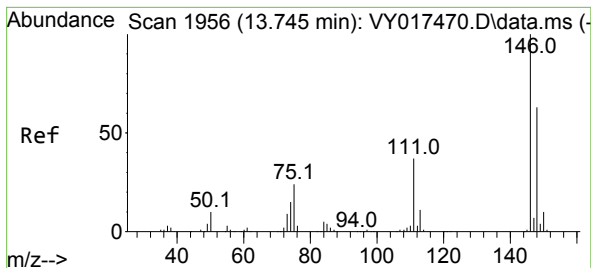
Tgt Ion: 91 Resp: 24103
Ion Ratio Lower Upper
91 100
92 50.4 26.6 79.7
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 4.695 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017467.D
Acq: 23 Feb 2024 16:24

Tgt Ion: 117 Resp: 5944
Ion Ratio Lower Upper
117 100
201 71.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 4.527 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

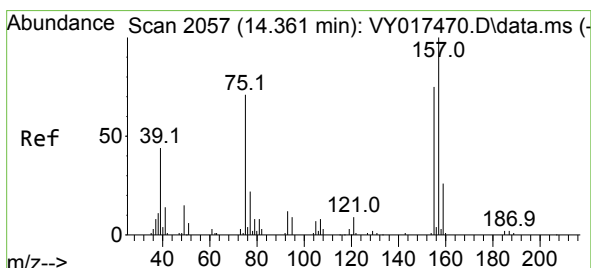
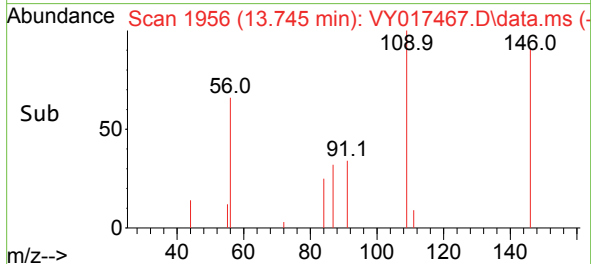
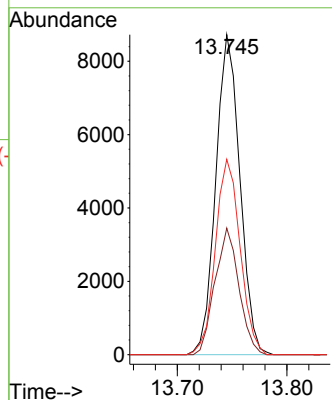
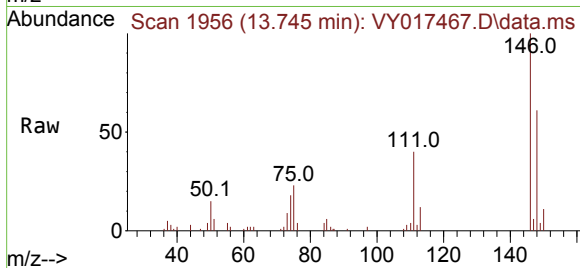
Tgt Ion:146 Resp: 13348

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 62.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.661 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

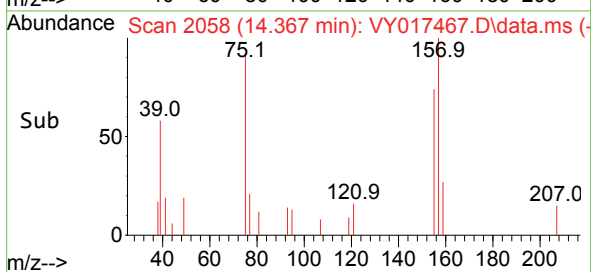
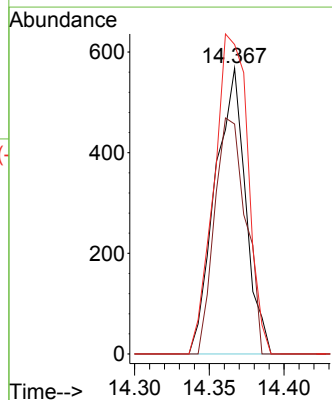
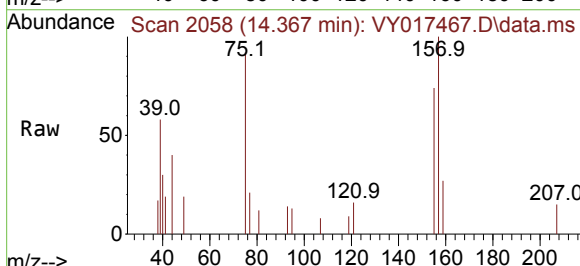
Tgt Ion: 75 Resp: 807

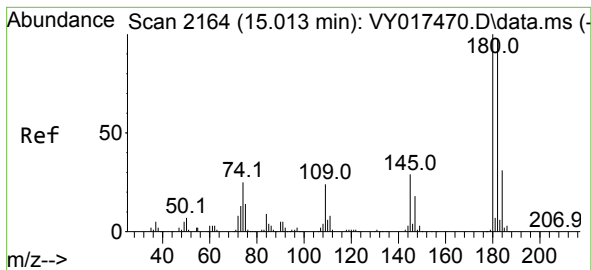
Ion Ratio Lower Upper

75 100

155 84.3 48.6 145.8

157 124.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 3.918 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

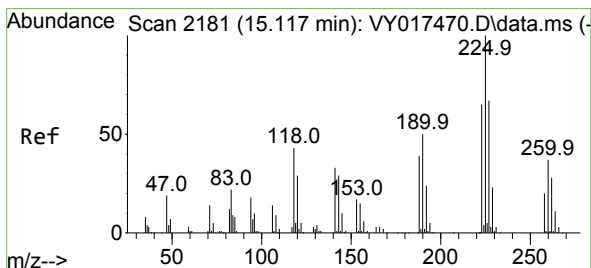
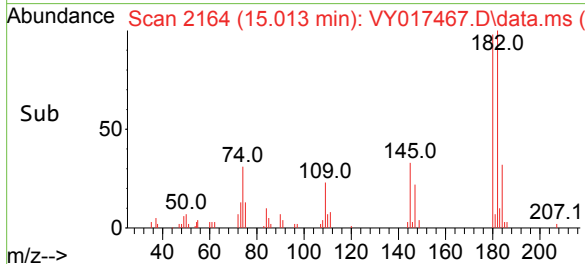
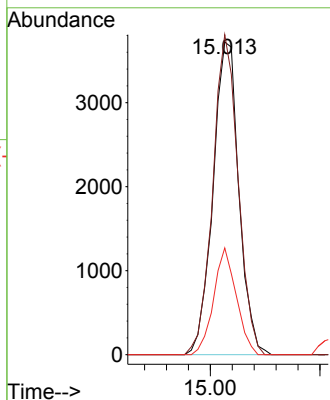
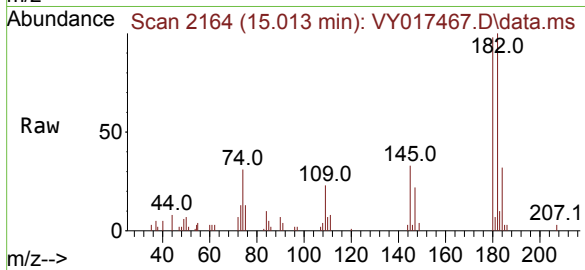
Tgt Ion:180 Resp: 6103

Ion Ratio Lower Upper

180 100

182 100.0 47.9 143.8

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.803 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

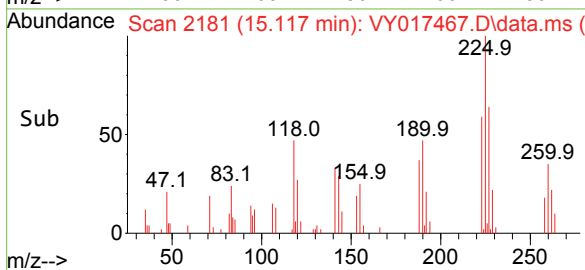
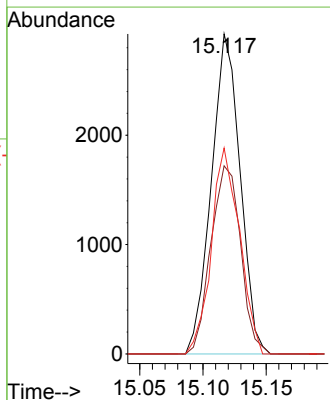
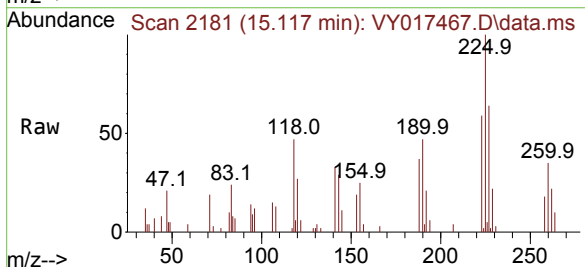
Tgt Ion:225 Resp: 4619

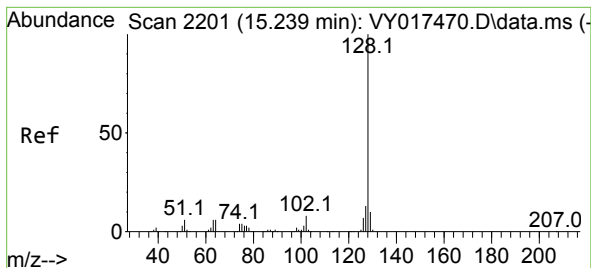
Ion Ratio Lower Upper

225 100

223 60.9 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 6.696 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

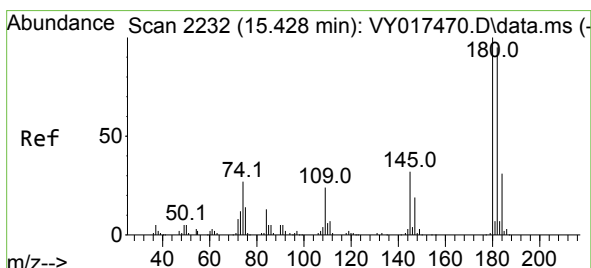
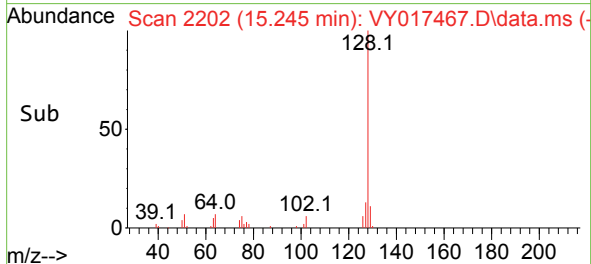
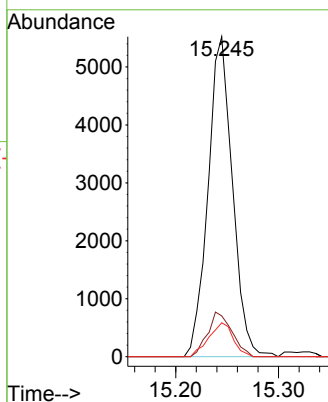
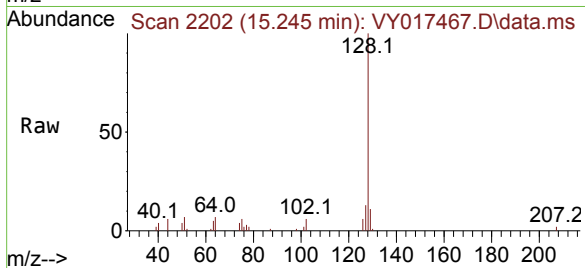
Tgt Ion:128 Resp: 9109

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.943 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017467.D

Acq: 23 Feb 2024 16:24

Tgt Ion:180 Resp: 5269

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 29.1 15.4 46.1

