

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017167.D
 Acq On : 01 Feb 2024 14:24
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 02 00:37:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:27:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	130700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	219668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	189519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22348	19.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.280%#
35) Dibromofluoromethane	7.728	113	22653	19.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.200%#
50) Toluene-d8	10.185	98	79997	18.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	37.040%#
62) 4-Bromofluorobenzene	12.489	95	26541	18.762	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	37.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21480	21.679	ug/l	93
3) Chloromethane	2.113	50	36842	20.699	ug/l	100
4) Vinyl Chloride	2.253	62	44201	20.378	ug/l	99
5) Bromomethane	2.650	94	30096	20.017	ug/l	95
6) Chloroethane	2.796	64	28105	20.068	ug/l	99
7) Trichlorofluoromethane	3.125	101	45477	20.389	ug/l	96
8) Diethyl Ether	3.534	74	14597	20.806	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	26910	19.904	ug/l	100
10) Methyl Iodide	4.101	142	28470	20.029	ug/l	98
11) Tert butyl alcohol	4.960	59	11764	110.504	ug/l	98
12) 1,1-Dichloroethene	3.881	96	25229	19.914	ug/l	96
13) Acrolein	3.729	56	11668	114.245	ug/l	99
14) Allyl chloride	4.485	41	38400	20.049	ug/l	97
15) Acrylonitrile	5.167	53	32076	101.544	ug/l	99
16) Acetone	3.954	43	36693	106.923	ug/l	100
17) Carbon Disulfide	4.198	76	81258	20.093	ug/l	99
18) Methyl Acetate	4.485	43	13978	18.259	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	60648	19.877	ug/l	98
20) Methylene Chloride	4.722	84	31213	20.114	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	28838	20.009	ug/l	98
22) Diisopropyl ether	6.131	45	85818	20.404	ug/l	98
23) Vinyl Acetate	6.064	43	265417	104.147	ug/l	98
24) 1,1-Dichloroethane	6.021	63	51359	19.933	ug/l	99
25) 2-Butanone	6.996	43	48562	106.448	ug/l	99
26) 2,2-Dichloropropane	6.990	77	41727	19.470	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	31616	19.614	ug/l	99
28) Bromochloromethane	7.338	49	18335	18.585	ug/l	100
29) Tetrahydrofuran	7.356	42	26545	103.004	ug/l	98
30) Chloroform	7.515	83	51815	19.991	ug/l	99
31) Cyclohexane	7.795	56	45483	19.326	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	43758	19.627	ug/l	98
36) 1,1-Dichloropropene	7.929	75	41268	20.171	ug/l	98
37) Ethyl Acetate	7.088	43	19463	20.511	ug/l	99
38) Carbon Tetrachloride	7.911	117	37890	19.343	ug/l	96
39) Methylcyclohexane	9.191	83	45805	19.164	ug/l	96
40) Benzene	8.167	78	117586	20.126	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	24780	55.117	ug/l #	23
42) 1,2-Dichloroethane	8.246	62	31502	20.365	ug/l	98
43) Isopropyl Acetate	8.277	43	34400	20.479	ug/l	99
44) Trichloroethene	8.947	130	29231	19.710	ug/l	99
45) 1,2-Dichloropropane	9.222	63	29412	20.495	ug/l	98
46) Dibromomethane	9.313	93	16004	20.645	ug/l	99
47) Bromodichloromethane	9.502	83	39071	20.140	ug/l	98
48) Methyl methacrylate	9.301	41	15810	20.066	ug/l	99
49) 1,4-Dioxane	9.307	88	3508	415.761	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	93455	103.789	ug/l	99
52) Toluene	10.252	92	70337	19.945	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	35714	19.599	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	43697	20.020	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	21476	20.362	ug/l	99
56) Ethyl methacrylate	10.520	69	25529	19.914	ug/l	98
57) 1,3-Dichloropropane	10.801	76	37028	20.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	68807	104.720	ug/l	99
59) 2-Hexanone	10.837	43	68838	105.725	ug/l	100
60) Dibromochloromethane	10.990	129	24533	19.828	ug/l	99
61) 1,2-Dibromoethane	11.099	107	19736	20.120	ug/l	99
64) Tetrachloroethene	10.727	164	24410	19.832	ug/l	96
65) Chlorobenzene	11.526	112	72745	19.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	26543	19.978	ug/l	99
67) Ethyl Benzene	11.599	91	129665	19.624	ug/l	99
68) m/p-Xylenes	11.709	106	99881	39.833	ug/l	100
69) o-Xylene	12.038	106	45263	19.602	ug/l	97
70) Styrene	12.050	104	76280	20.049	ug/l	99
71) Bromoform	12.215	173	13831	19.878	ug/l #	97
73) Isopropylbenzene	12.337	105	121309	19.800	ug/l	100
74) N-amyl acetate	12.154	43	27580	20.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	23958	19.881	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	29562	35.991	ug/l #	100
77) Bromobenzene	12.617	156	26286	19.342	ug/l	98
78) n-propylbenzene	12.678	91	147733	19.633	ug/l	100
79) 2-Chlorotoluene	12.764	91	83031	20.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	96166	19.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	7173	19.363	ug/l	99
82) 4-Chlorotoluene	12.861	91	83727	19.665	ug/l	98
83) tert-Butylbenzene	13.081	119	81360	19.479	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	94798	19.710	ug/l	98
85) sec-Butylbenzene	13.264	105	129558	19.846	ug/l	99
86) p-Isopropyltoluene	13.379	119	100722	19.308	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	52420	19.335	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	51734	19.642	ug/l	98
89) n-Butylbenzene	13.702	91	97022	19.561	ug/l	99
90) Hexachloroethane	13.965	117	20467	19.111	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	45369	19.658	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3185	20.291	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	22388	19.529	ug/l	97
94) Hexachlorobutadiene	15.117	225	12637	18.716	ug/l	97
95) Naphthalene	15.245	128	39125	19.707	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	18917	19.402	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:27:48 2024
Response via : Initial Calibration

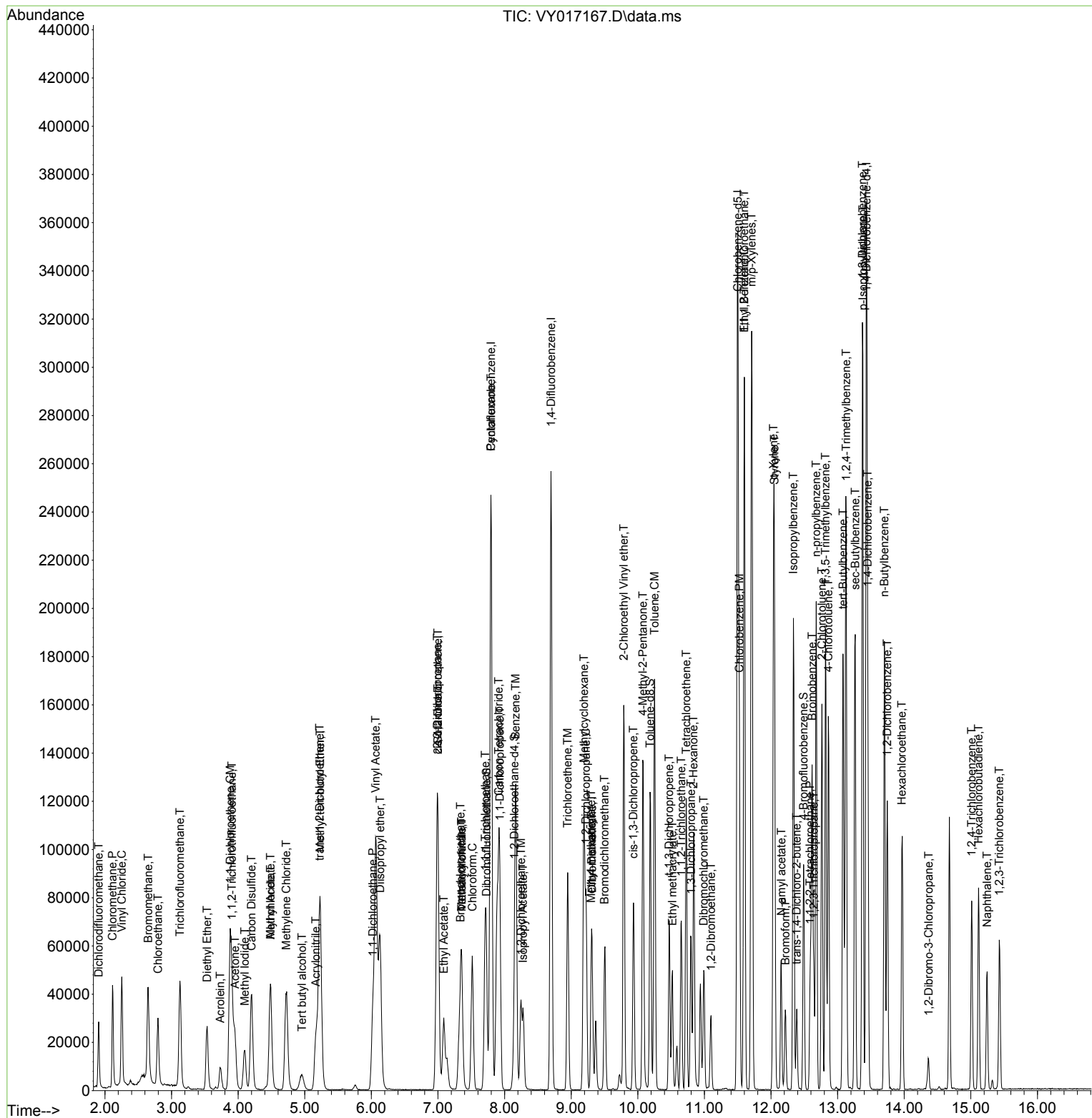
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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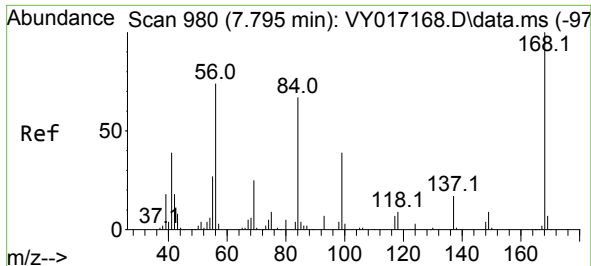
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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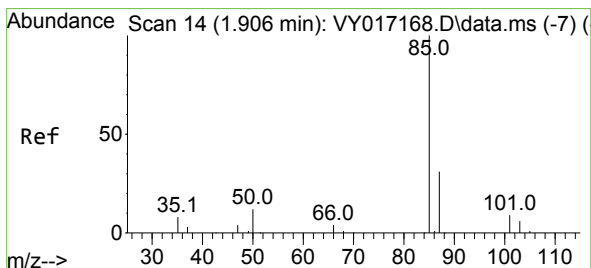
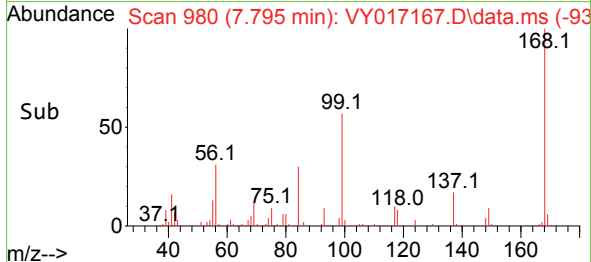
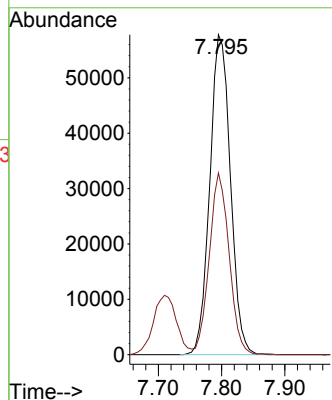
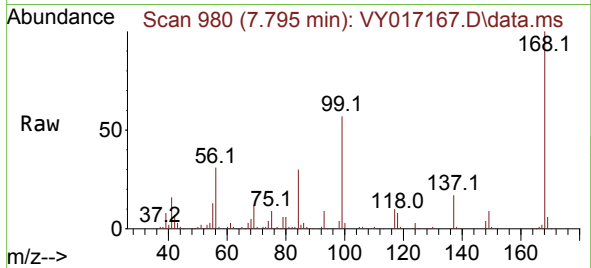




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017167.D
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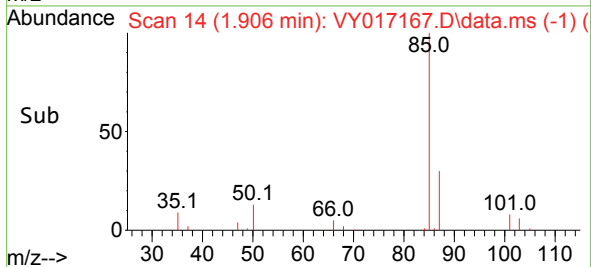
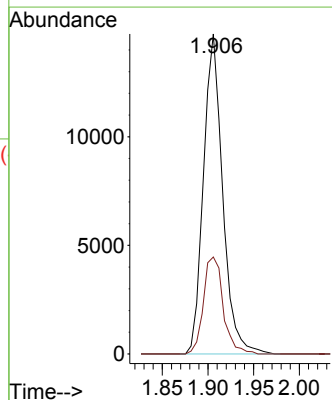
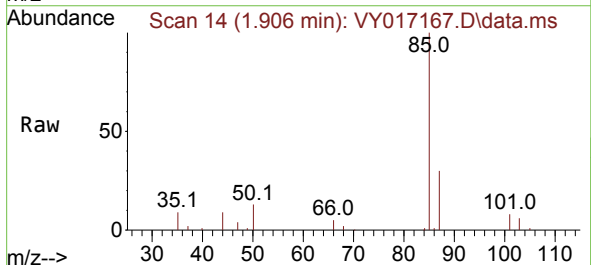
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

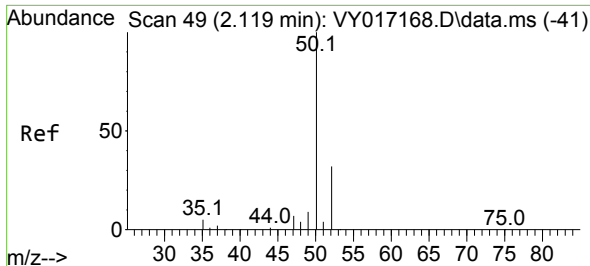
Tgt Ion:168 Resp: 130700
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.679 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 85 Resp: 21480
Ion Ratio Lower Upper
85 100
87 30.3 17.1 51.3

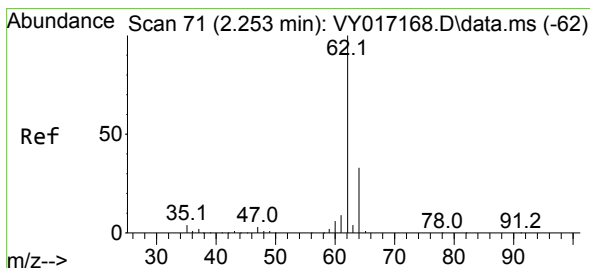
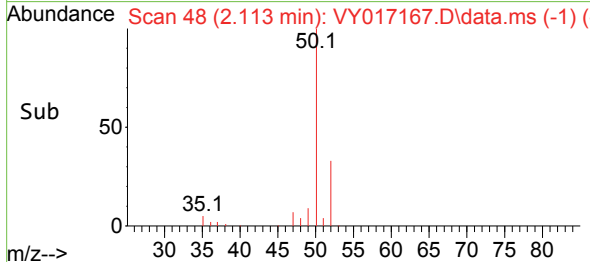
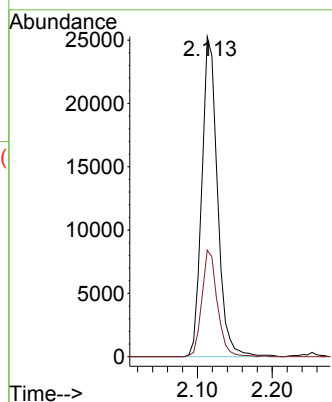
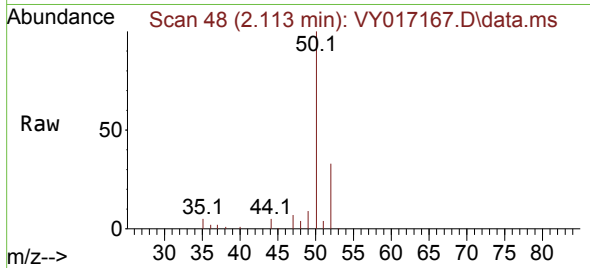




#3
Chloromethane
Concen: 20.699 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

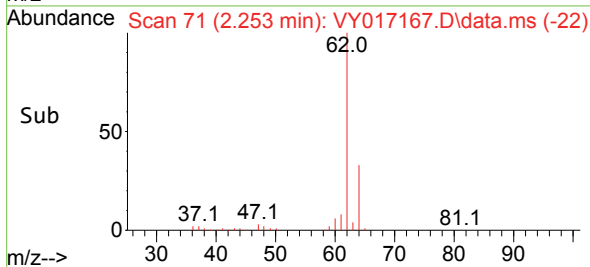
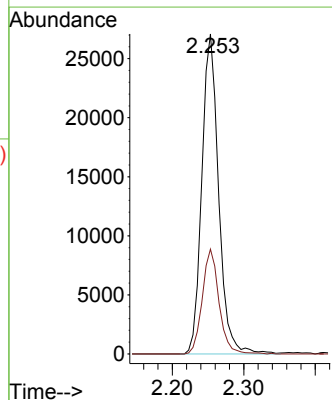
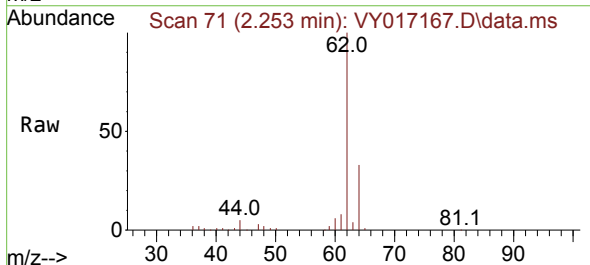
Instrument :
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ClientSampleId :
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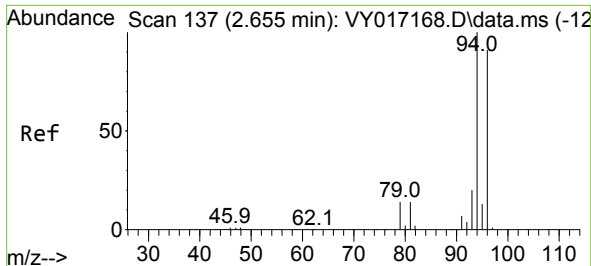
Tgt Ion: 50 Resp: 36842
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1



#4
Vinyl Chloride
Concen: 20.378 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 62 Resp: 44201
Ion Ratio Lower Upper
62 100
64 32.8 25.7 38.5





#5

Bromomethane

Concen: 20.017 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

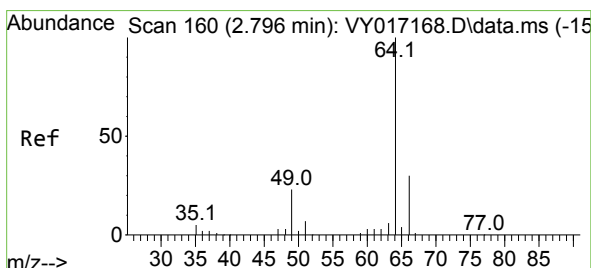
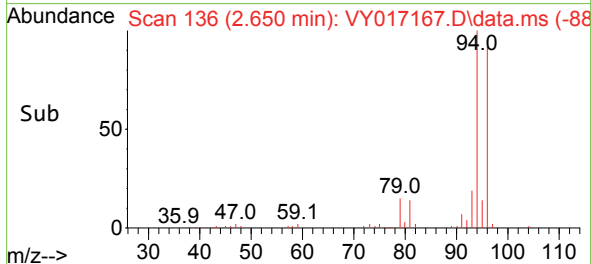
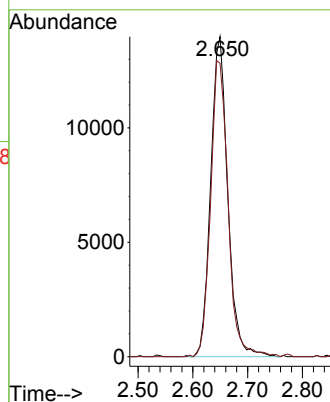
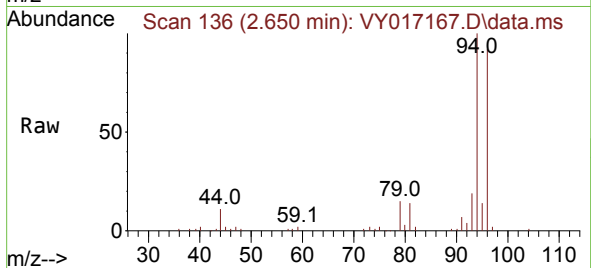
VSTDICC020

Tgt Ion: 94 Resp: 30096

Ion Ratio Lower Upper

94 100

96 91.7 77.3 115.9



#6

Chloroethane

Concen: 20.068 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY017167.D

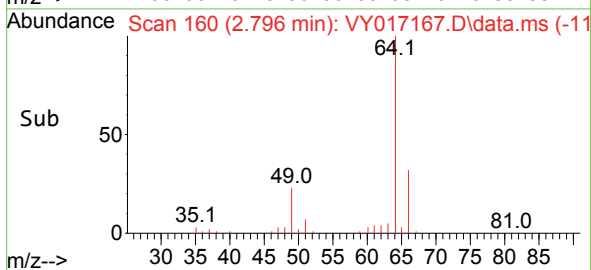
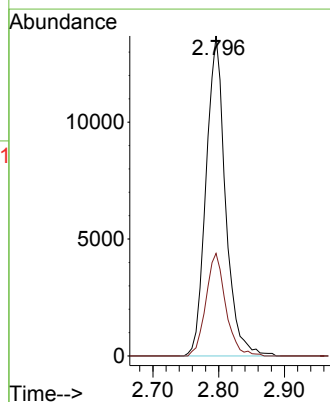
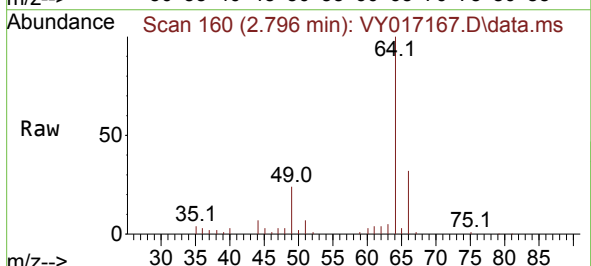
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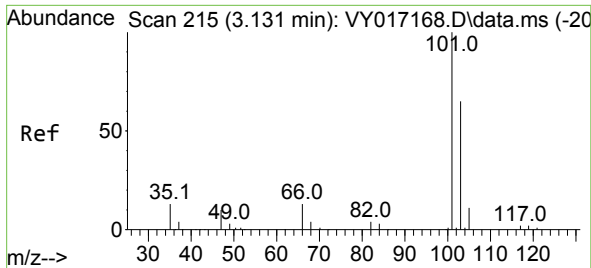
Tgt Ion: 64 Resp: 28105

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7

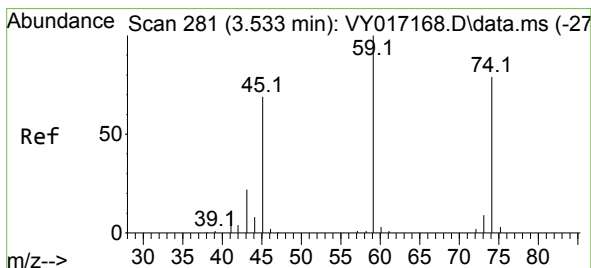
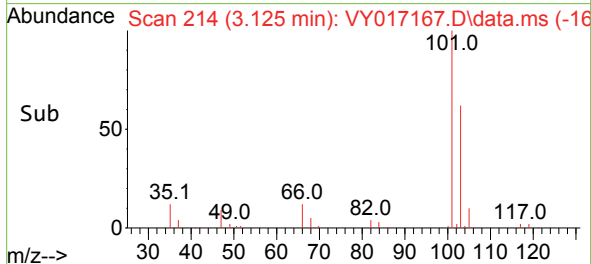
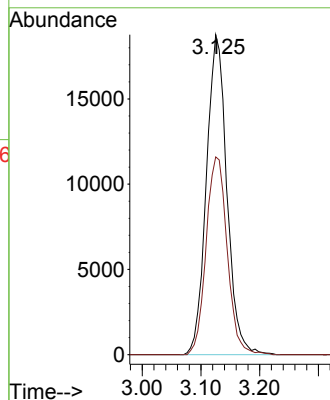
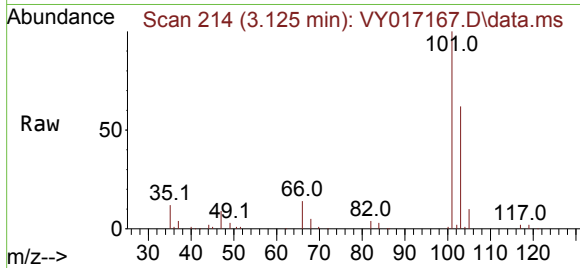




#7
Trichlorofluoromethane
Concen: 20.389 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

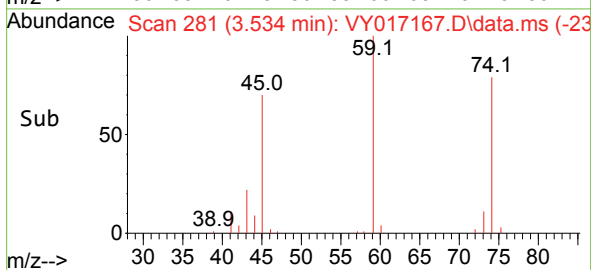
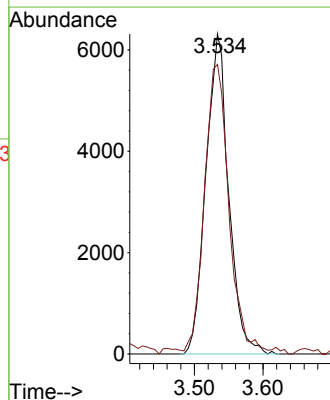
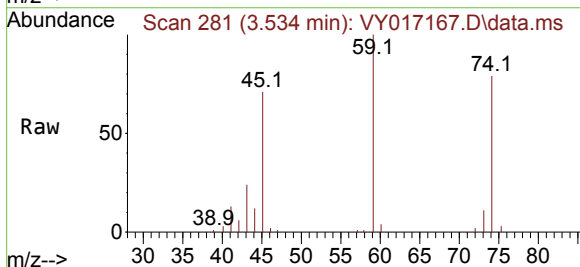
Instrument :
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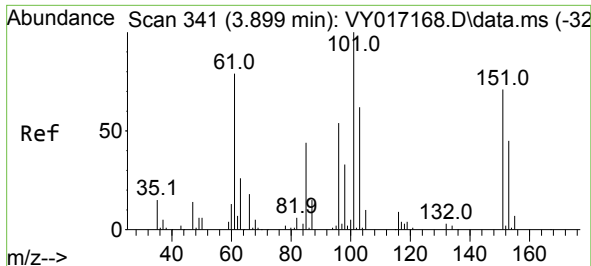
Tgt Ion:101 Resp: 45477
Ion Ratio Lower Upper
101 100
103 61.8 51.9 77.9



#8
Diethyl Ether
Concen: 20.806 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 74 Resp: 14597
Ion Ratio Lower Upper
74 100
45 93.7 47.9 143.7

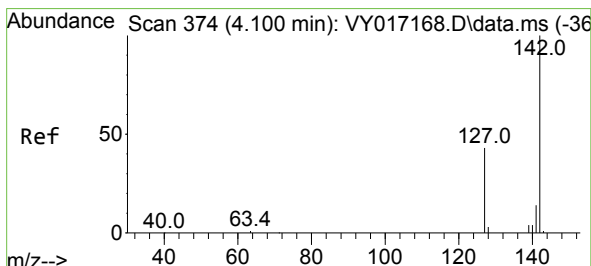
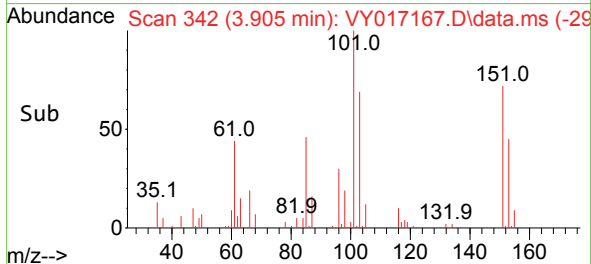
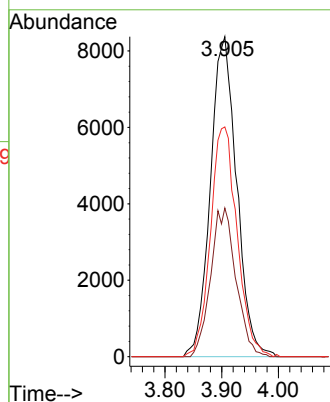
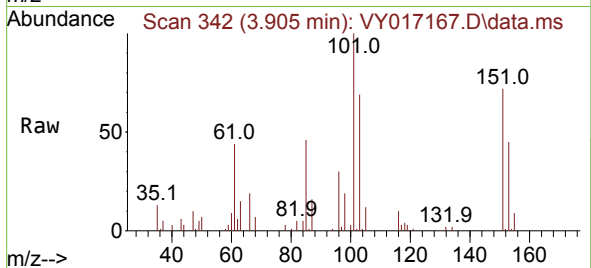




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.904 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

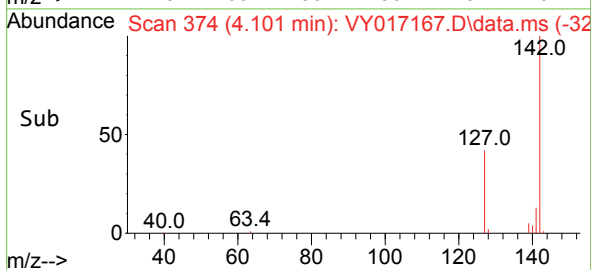
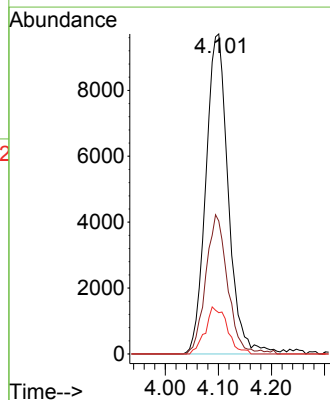
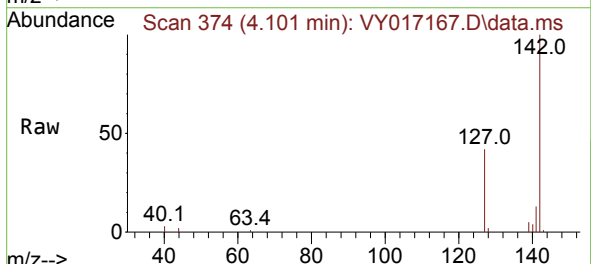
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

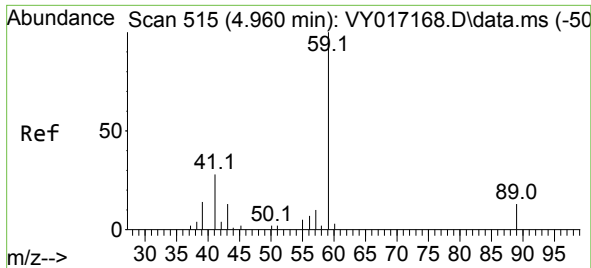
Tgt Ion:101 Resp: 26910
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 72.9 58.6 88.0



#10
Methyl Iodide
Concen: 20.029 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion:142 Resp: 28470
Ion Ratio Lower Upper
142 100
127 42.7 35.1 52.7
141 14.4 11.8 17.6

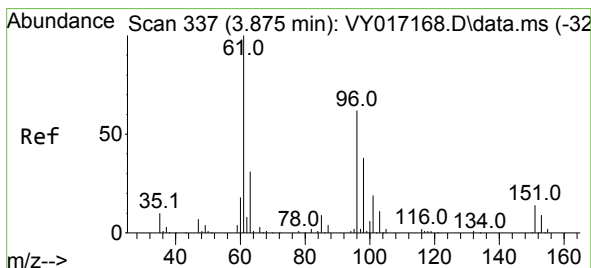
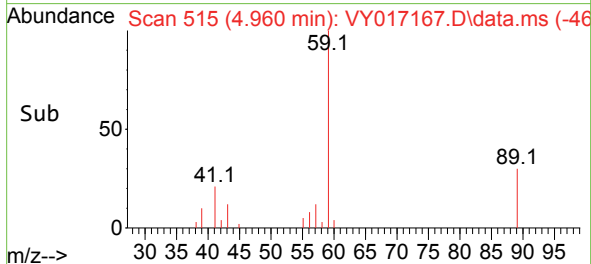
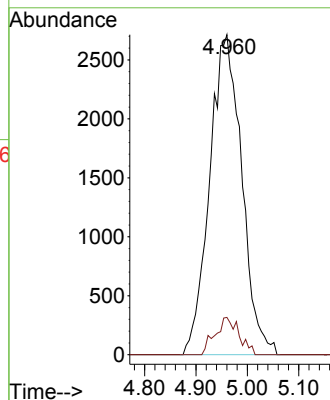
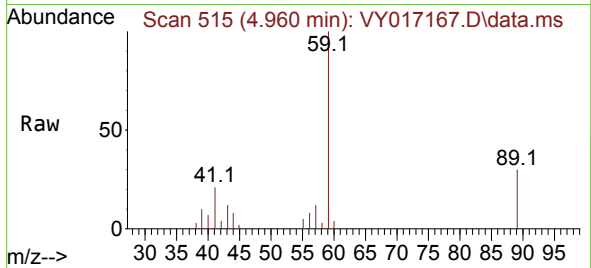




#11
Tert butyl alcohol
Concen: 110.504 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

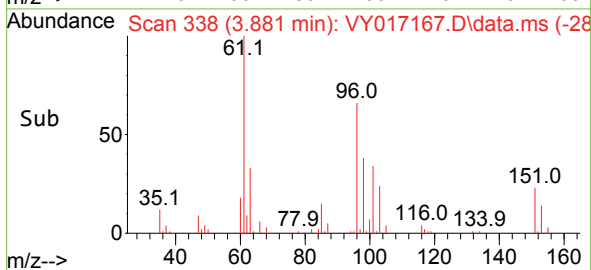
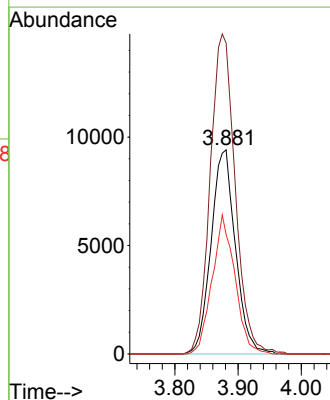
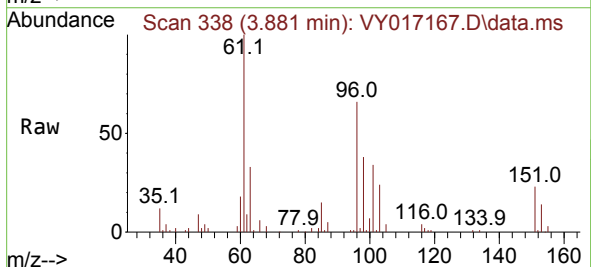
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

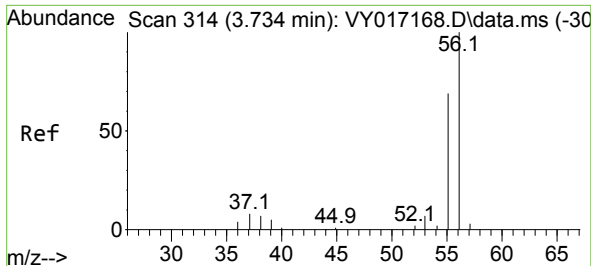
Tgt Ion: 59 Resp: 11764
Ion Ratio Lower Upper
59 100
57 8.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 19.914 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 96 Resp: 25229
Ion Ratio Lower Upper
96 100
61 152.3 124.2 186.2
98 58.5 52.6 79.0





#13

Acrolein

Concen: 114.245 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.005 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

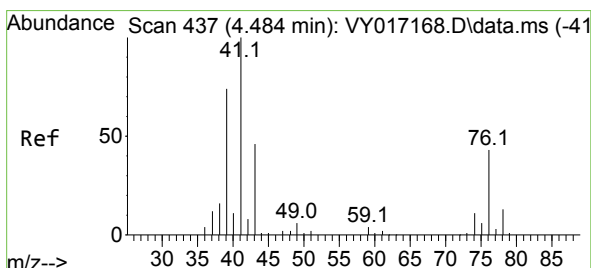
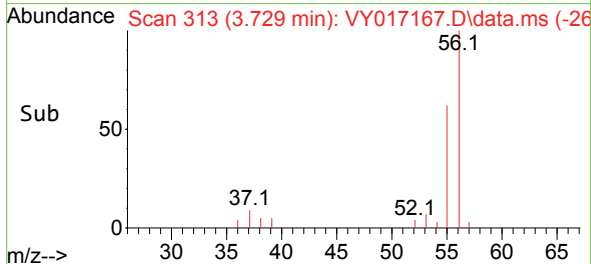
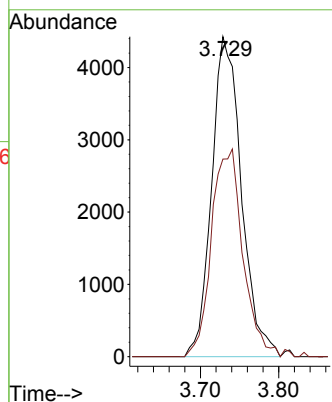
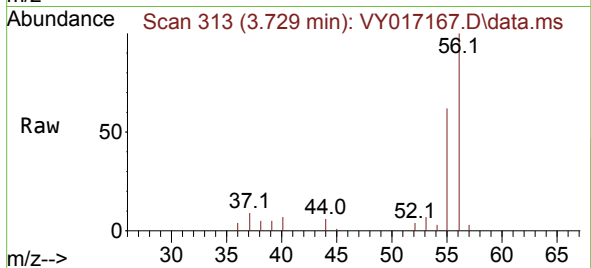
VSTDICC020

Tgt Ion: 56 Resp: 11668

Ion Ratio Lower Upper

56 100

55 68.2 55.4 83.0



#14

Allyl chloride

Concen: 20.049 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

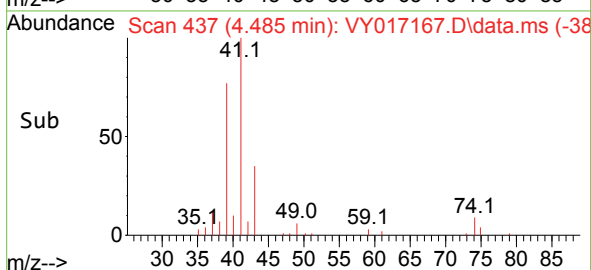
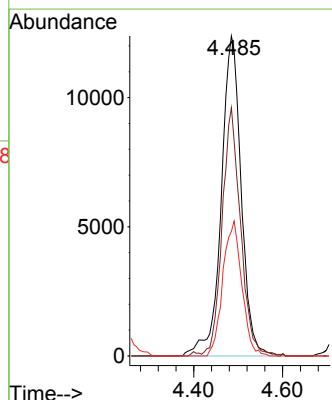
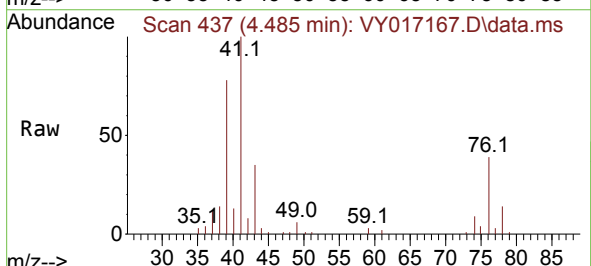
Tgt Ion: 41 Resp: 38400

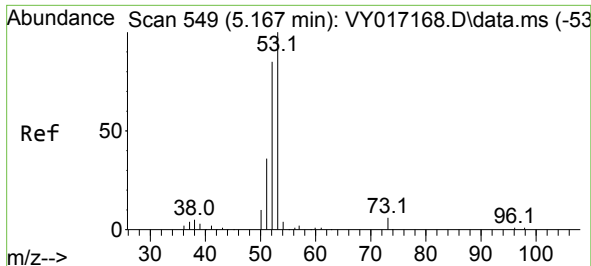
Ion Ratio Lower Upper

41 100

39 71.6 54.7 82.1

76 40.1 31.8 47.6

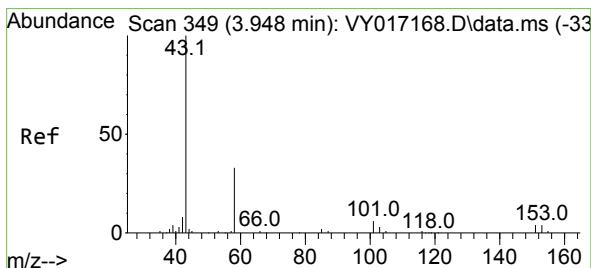
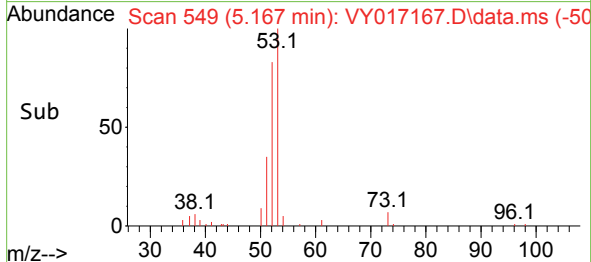
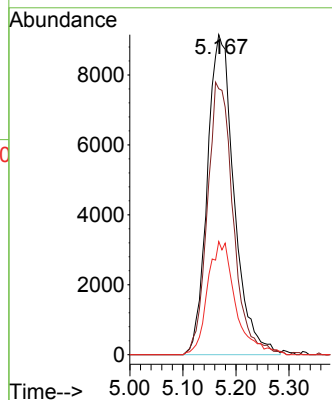
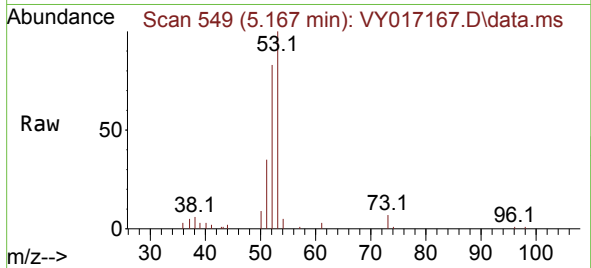




#15
Acrylonitrile
Concen: 101.544 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

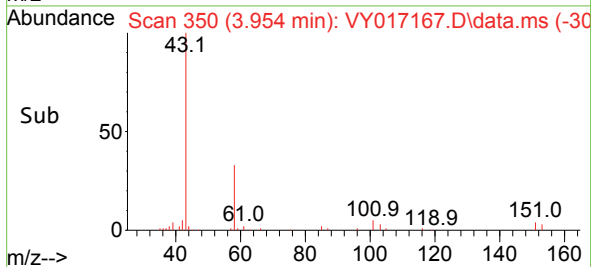
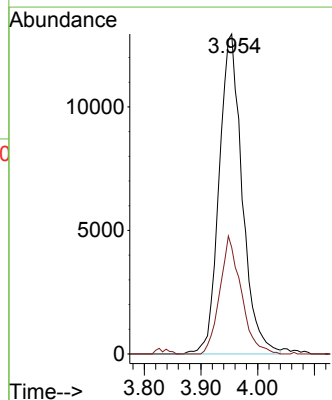
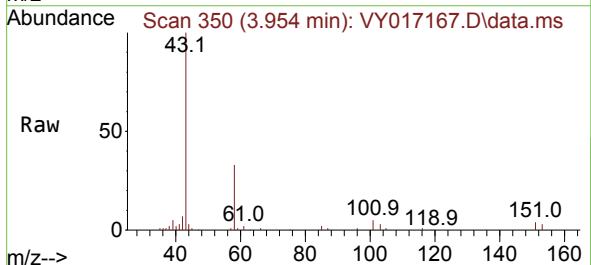
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

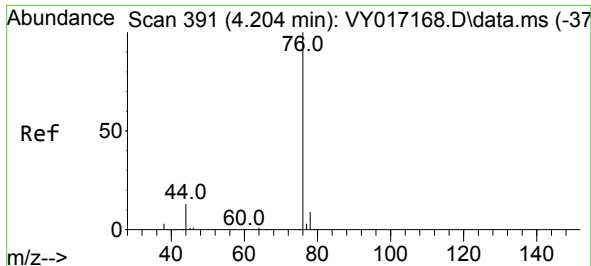
Tgt Ion: 53	Resp: 32076
Ion Ratio	Lower Upper
53	100
52	81.9 65.1 97.7
51	36.9 29.0 43.4



#16
Acetone
Concen: 106.923 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 43	Resp: 36693
Ion Ratio	Lower Upper
43	100
58	33.2 26.6 39.8





#17

Carbon Disulfide

Concen: 20.093 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

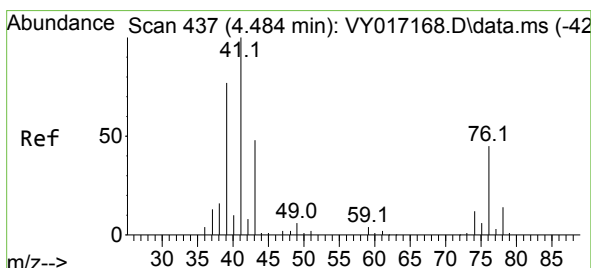
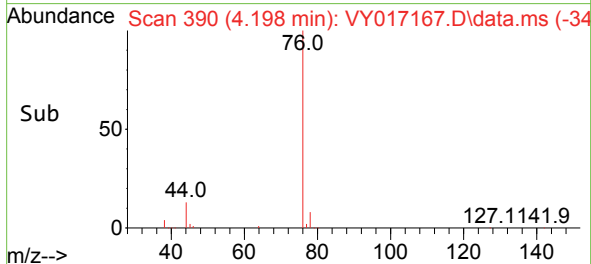
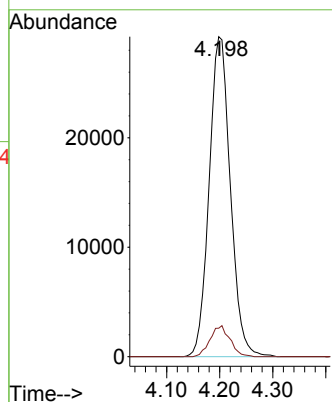
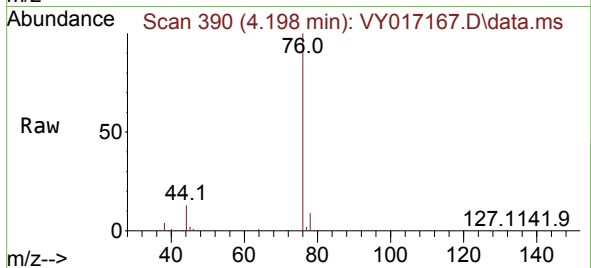
VSTDIC020

Tgt Ion: 76 Resp: 81258

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 18.259 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017167.D

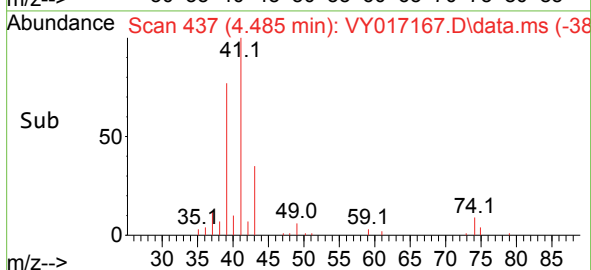
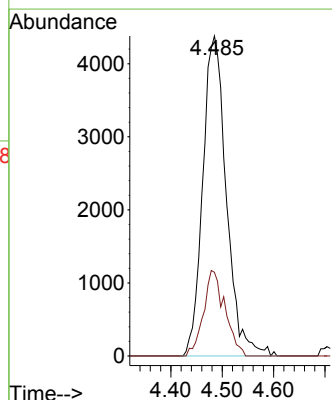
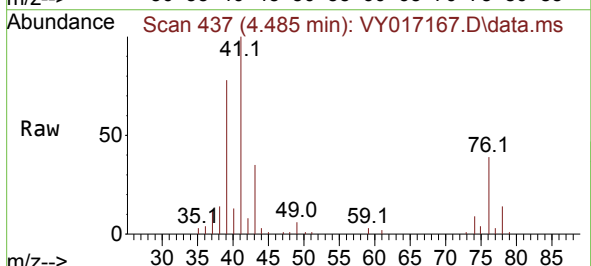
Acq: 01 Feb 2024 14:24

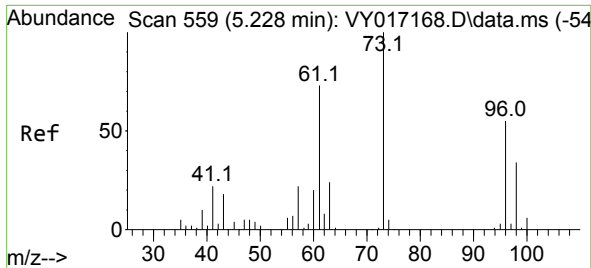
Tgt Ion: 43 Resp: 13978

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.6

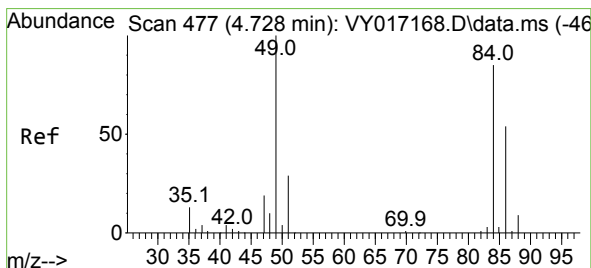
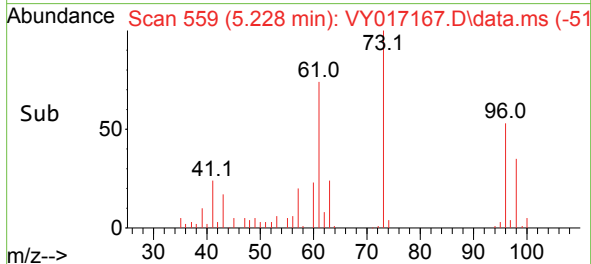
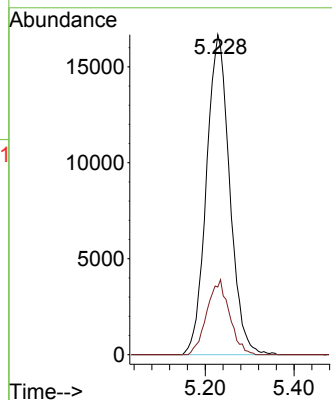
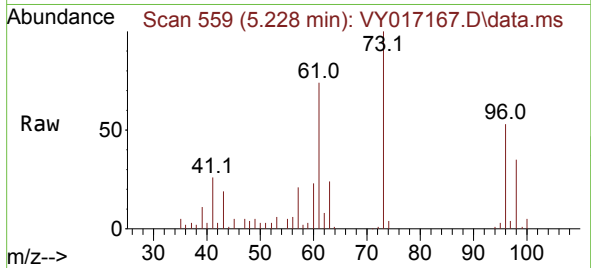




#19
Methyl tert-butyl Ether
Concen: 19.877 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

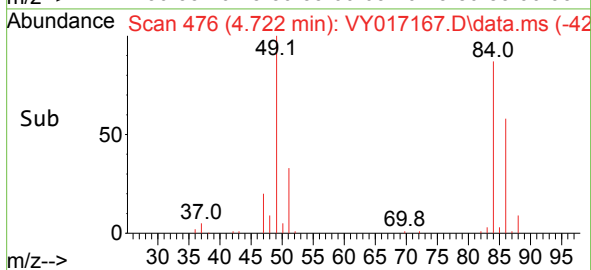
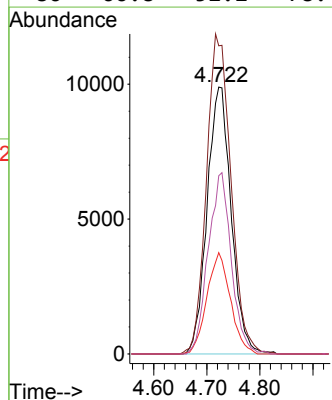
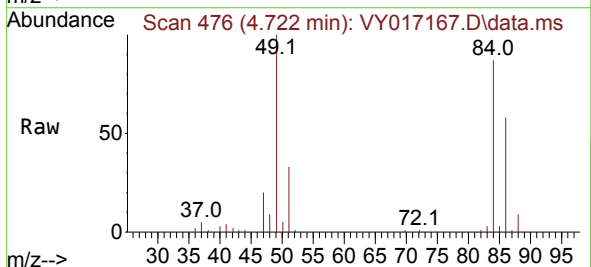
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

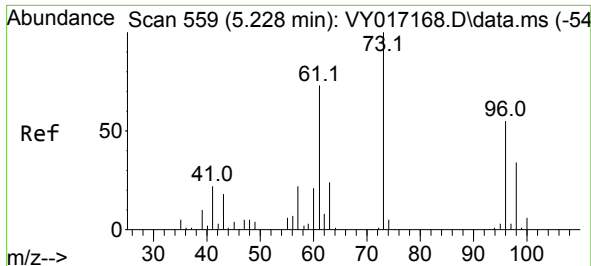
Tgt Ion: 73 Resp: 60648
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 20.114 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 84 Resp: 31213
Ion Ratio Lower Upper
84 100
49 115.5 95.2 142.8
51 38.0 29.9 44.9
86 66.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.009 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

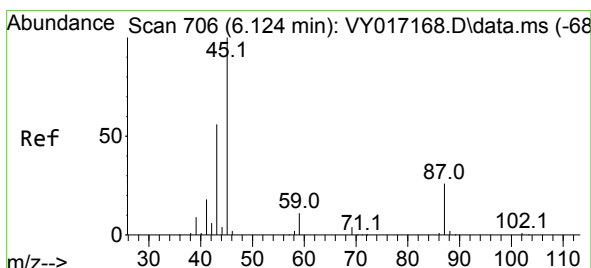
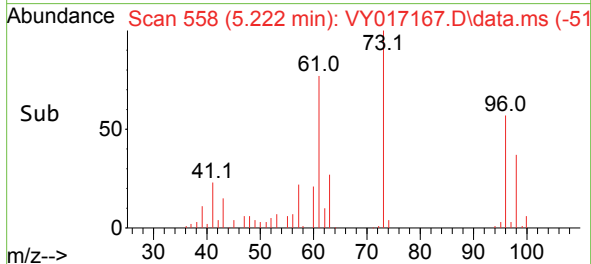
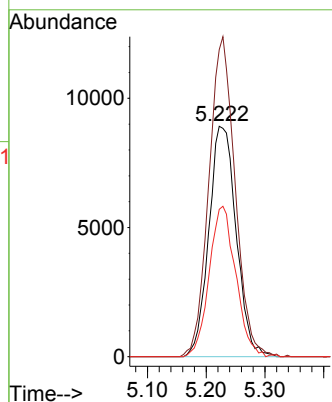
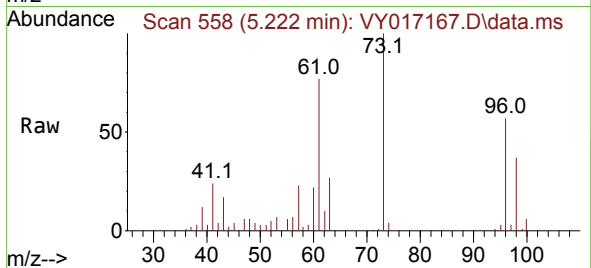
Tgt Ion: 96 Resp: 28838

Ion Ratio Lower Upper

96 100

61 133.3 104.6 156.8

98 64.0 50.9 76.3



#22

Diisopropyl ether

Concen: 20.404 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.006 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Tgt Ion: 45 Resp: 85818

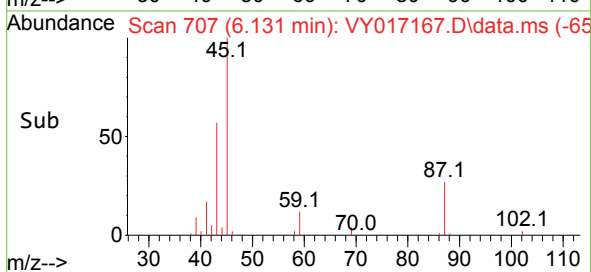
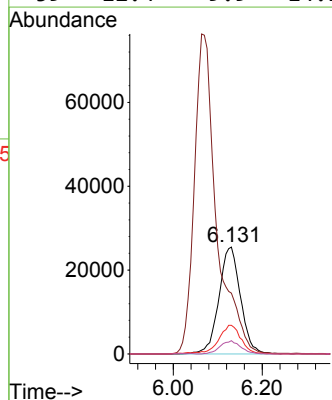
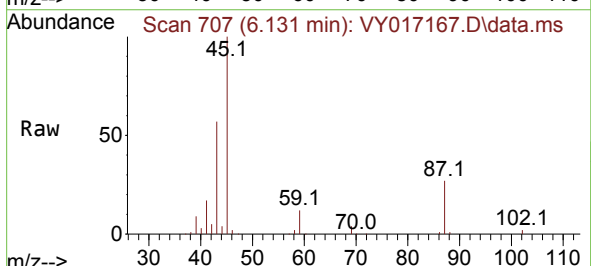
Ion Ratio Lower Upper

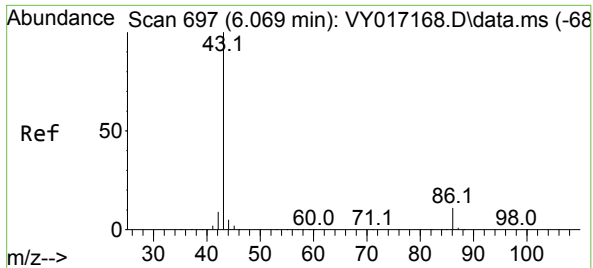
45 100

43 56.3 46.8 70.2

87 26.7 22.2 33.2

59 12.4 9.9 14.9

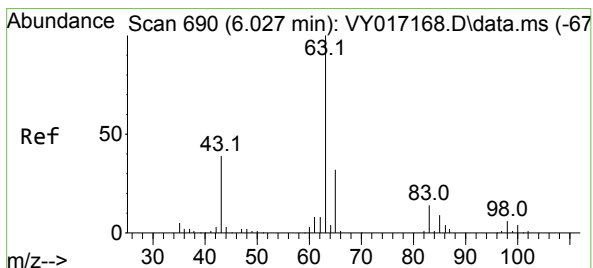
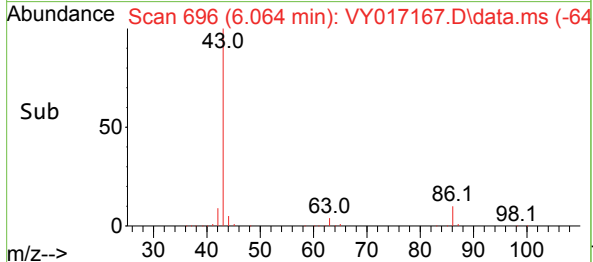
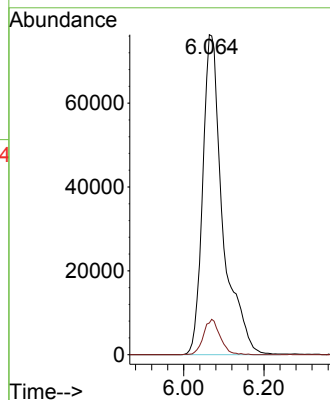
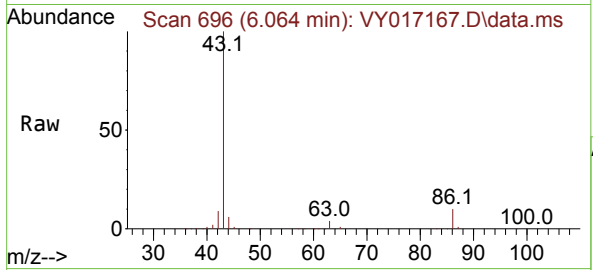




#23
 Vinyl Acetate
 Concen: 104.147 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017167.D
 Acq: 01 Feb 2024 14:24

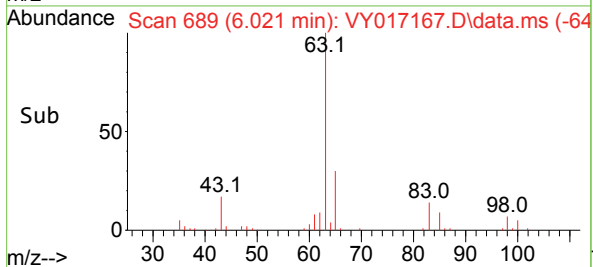
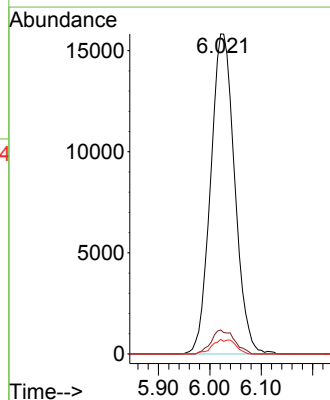
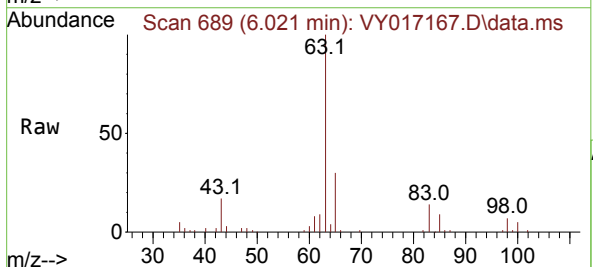
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

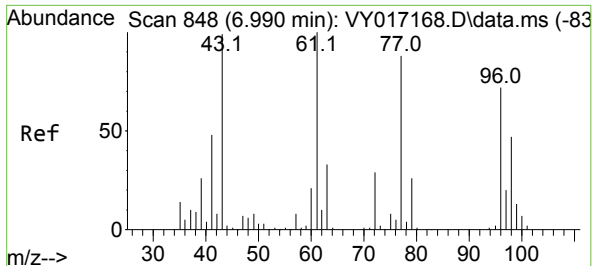
Tgt Ion: 43 Resp: 265417
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.933 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY017167.D
 Acq: 01 Feb 2024 14:24

Tgt Ion: 63 Resp: 51359
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 106.448 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

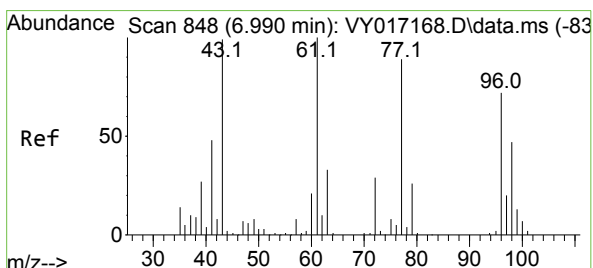
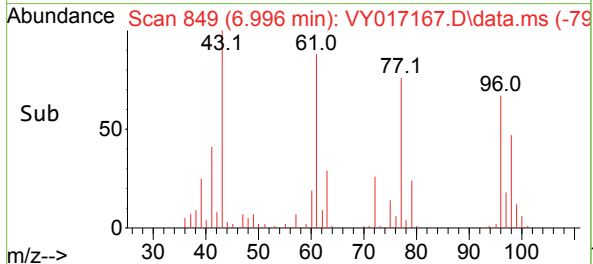
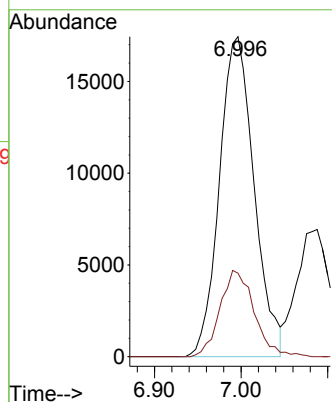
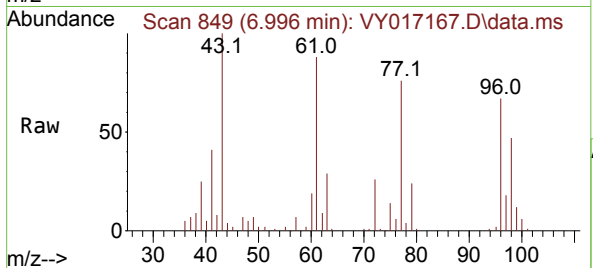
VSTDICC020

Tgt Ion: 43 Resp: 48562

Ion Ratio Lower Upper

43 100

72 26.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.470 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017167.D

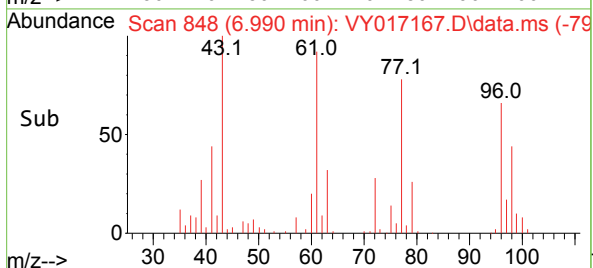
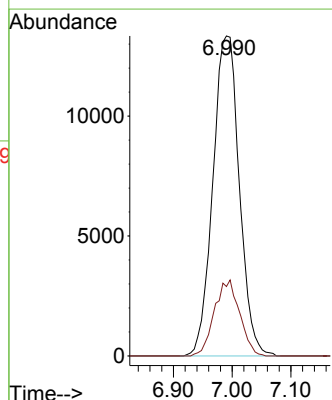
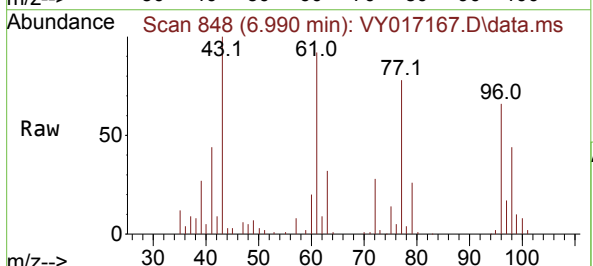
Acq: 01 Feb 2024 14:24

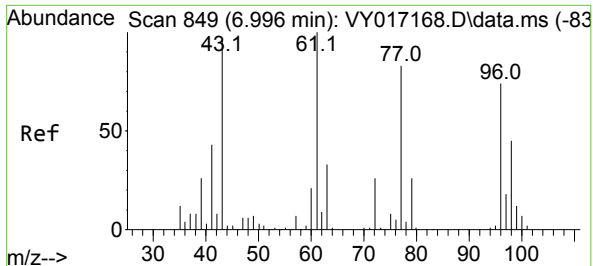
Tgt Ion: 77 Resp: 41727

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0

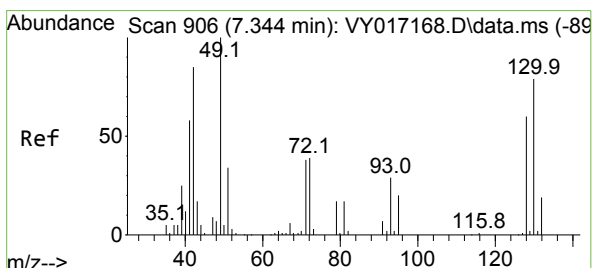
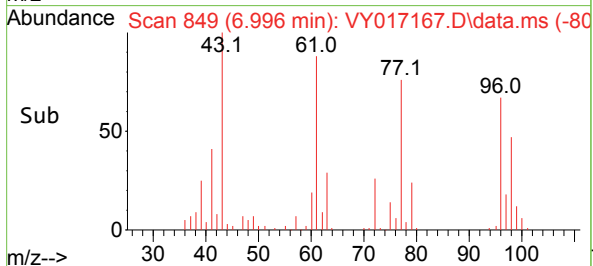
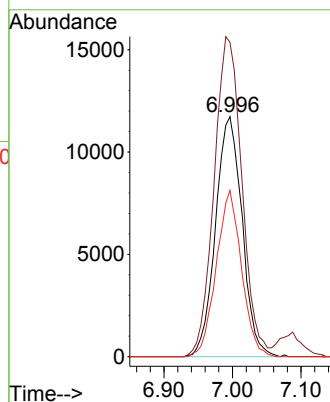
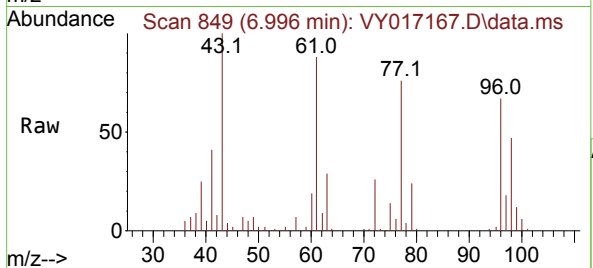




#27
 cis-1,2-Dichloroethene
 Concen: 19.614 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY017167.D
 Acq: 01 Feb 2024 14:24

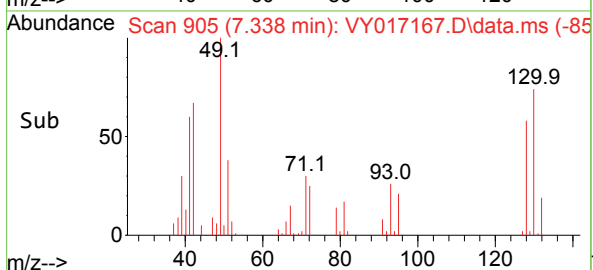
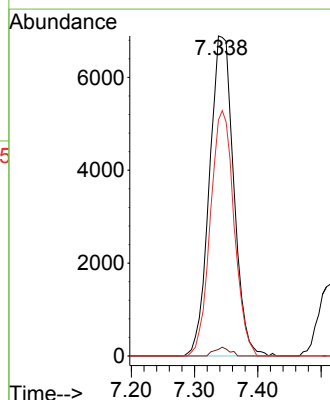
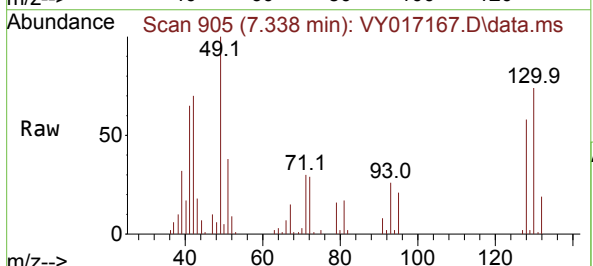
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

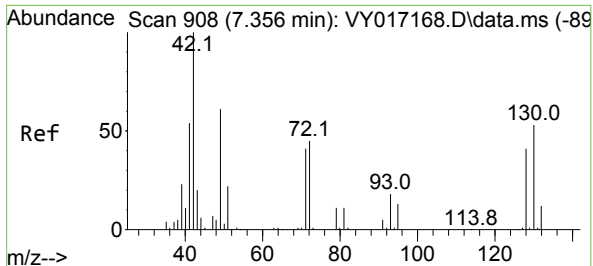
Tgt Ion: 96 Resp: 31616
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 278.8
 98 65.7 0.0 127.0



#28
 Bromochloromethane
 Concen: 18.585 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY017167.D
 Acq: 01 Feb 2024 14:24

Tgt Ion: 49 Resp: 18335
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 74.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 103.004 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

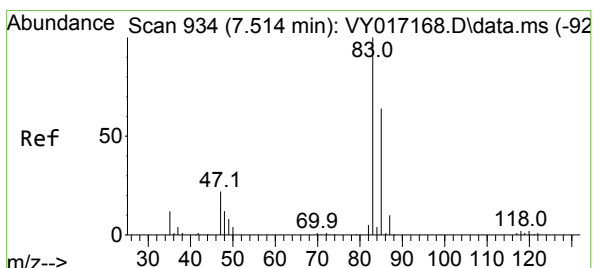
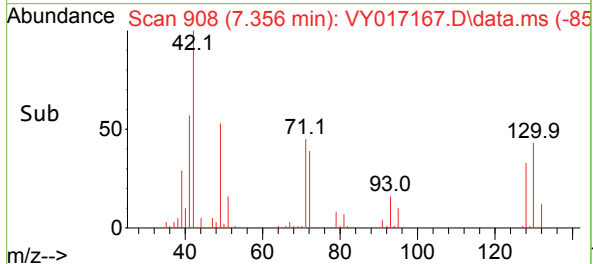
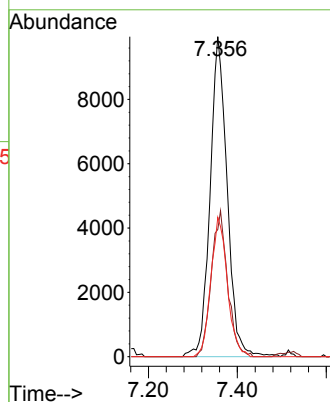
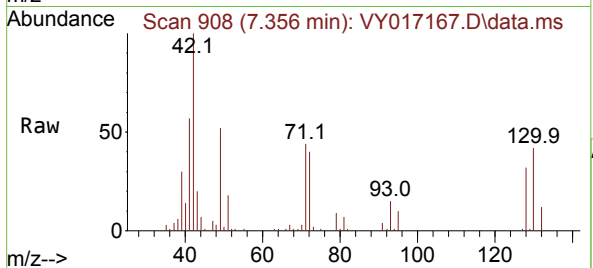
Tgt Ion: 42 Resp: 26545

Ion Ratio Lower Upper

42 100

72 43.5 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 19.991 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017167.D

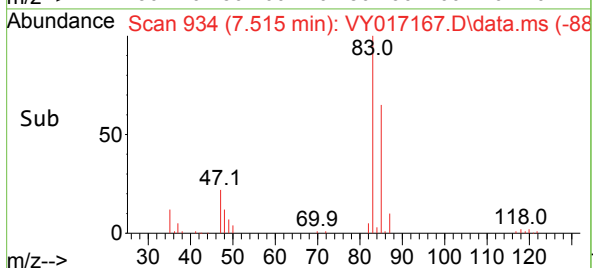
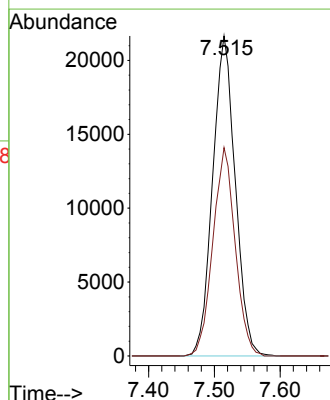
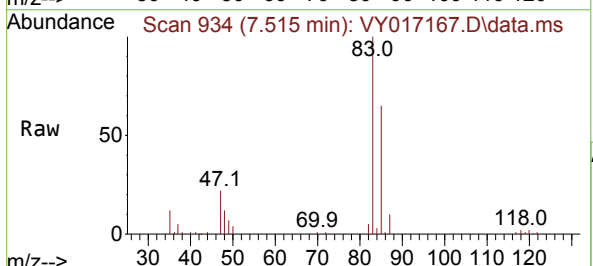
Acq: 01 Feb 2024 14:24

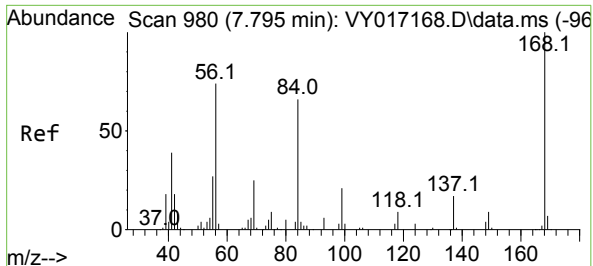
Tgt Ion: 83 Resp: 51815

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8





#31

Cyclohexane

Concen: 19.326 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

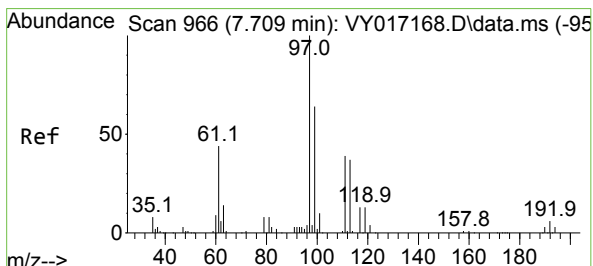
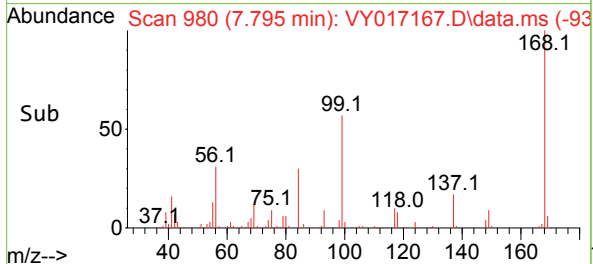
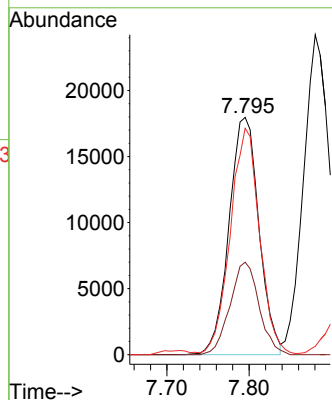
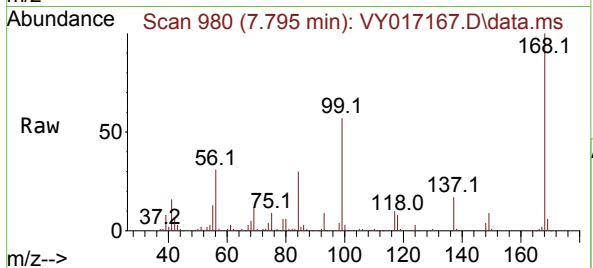
Tgt Ion: 56 Resp: 45483

Ion Ratio Lower Upper

56 100

69 39.0 27.0 40.6

84 93.7 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 19.627 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

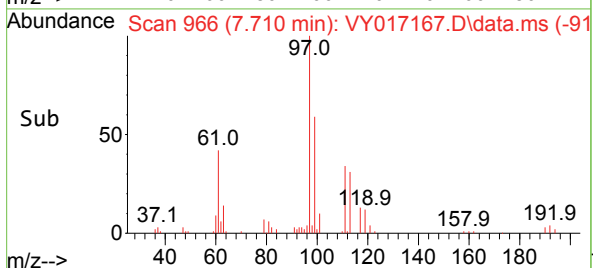
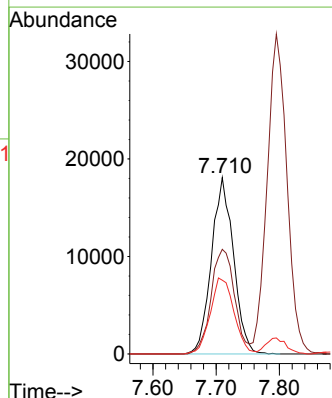
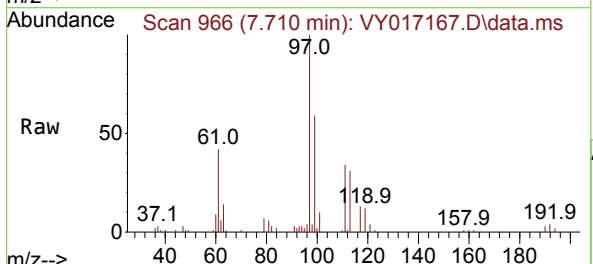
Tgt Ion: 97 Resp: 43758

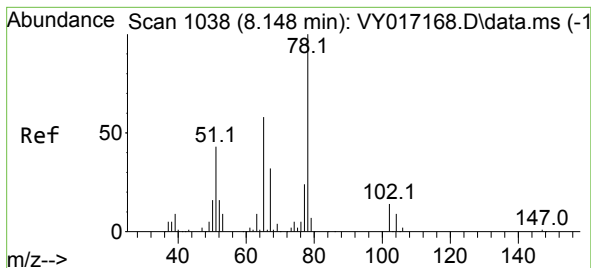
Ion Ratio Lower Upper

97 100

99 63.2 51.2 76.8

61 46.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 19.140 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

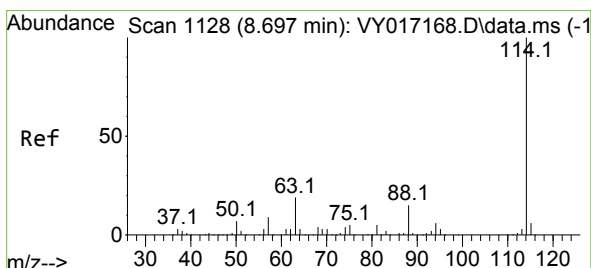
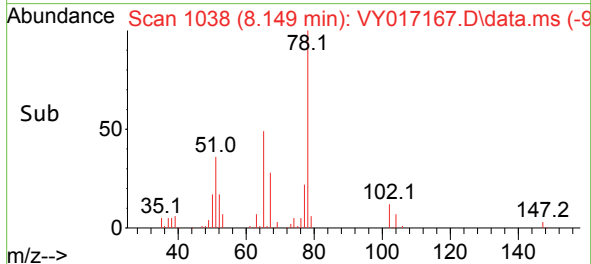
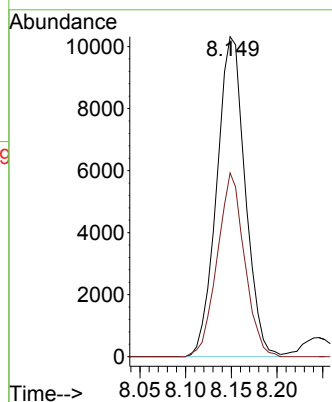
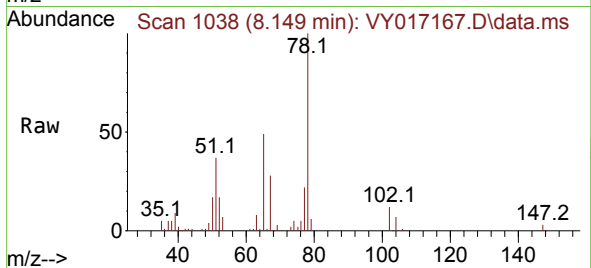
VSTDIC020

Tgt Ion: 65 Resp: 22348

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

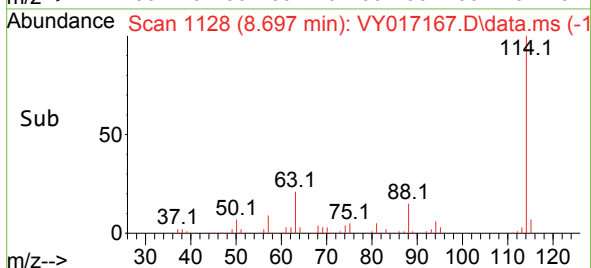
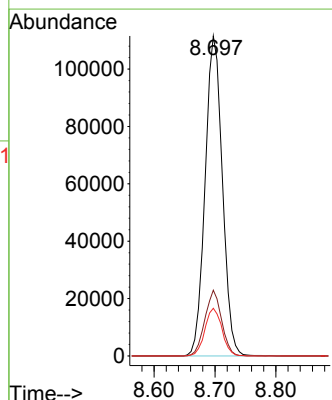
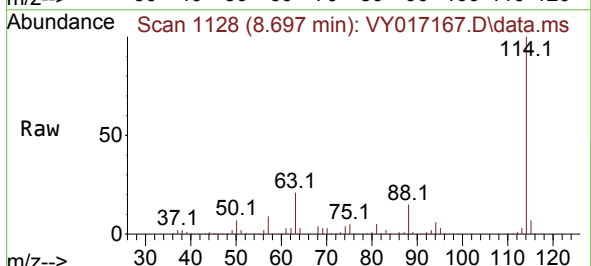
Tgt Ion:114 Resp: 219668

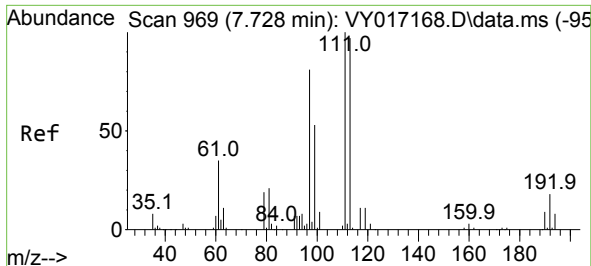
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

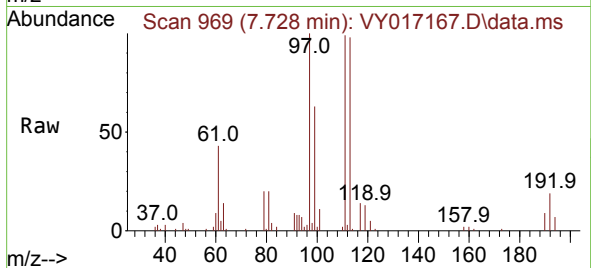
88 14.9 0.0 29.0



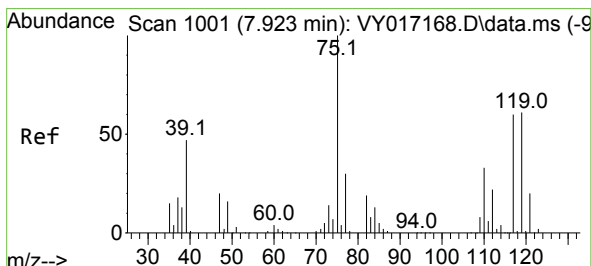
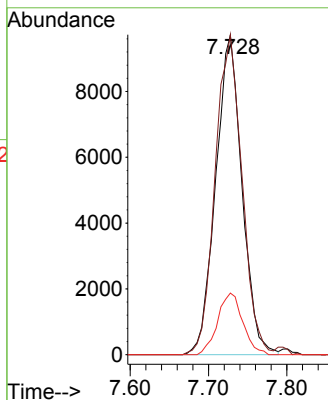
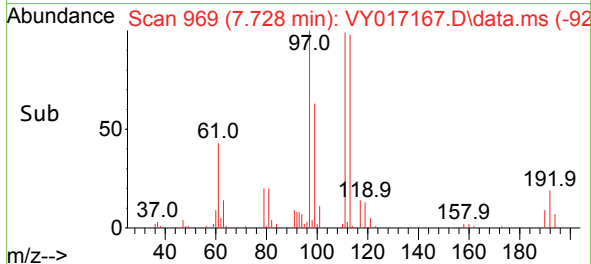


#35
Dibromofluoromethane
Concen: 19.099 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

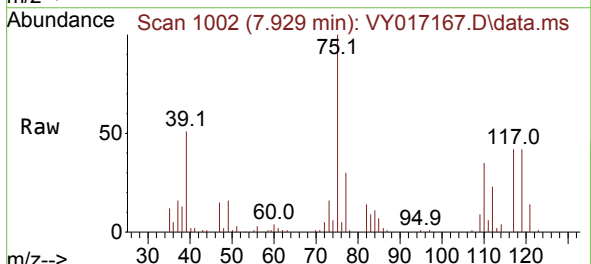
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



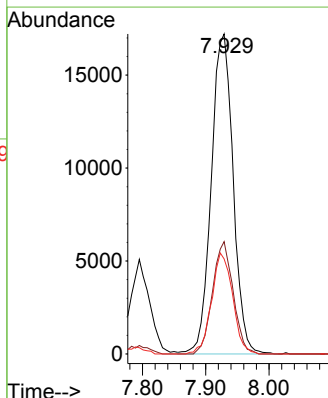
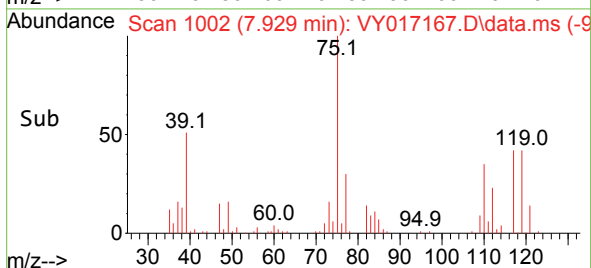
Tgt Ion:113 Resp: 22653
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.5 14.5 21.7

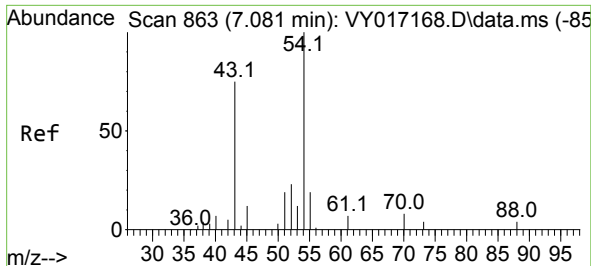


#36
1,1-Dichloropropene
Concen: 20.171 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24



Tgt Ion: 75 Resp: 41268
Ion Ratio Lower Upper
75 100
110 33.1 17.4 52.3
77 30.4 24.7 37.1

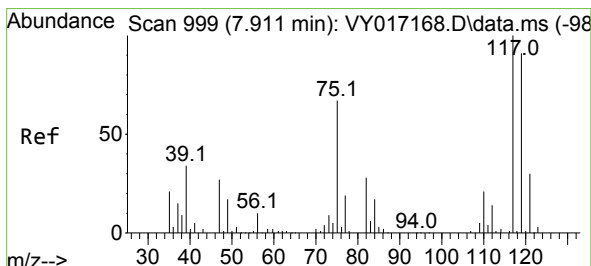
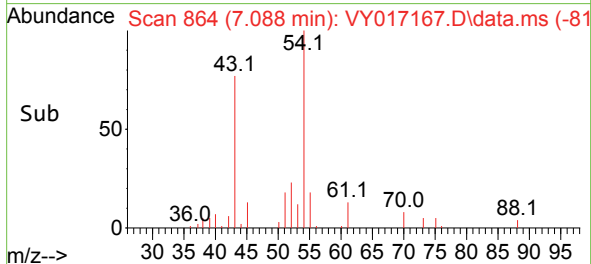
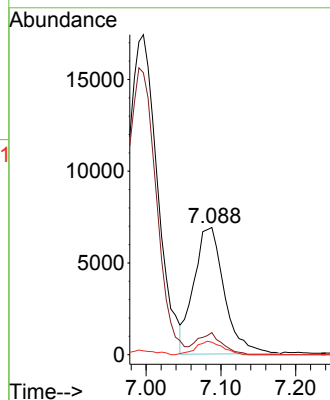
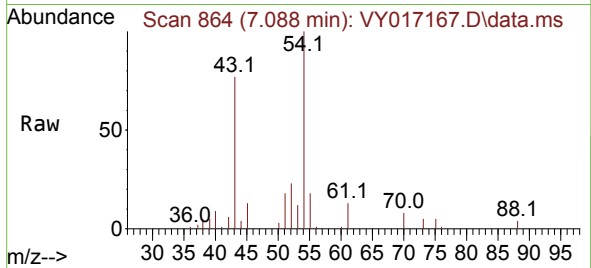




#37
Ethyl Acetate
Concen: 20.511 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

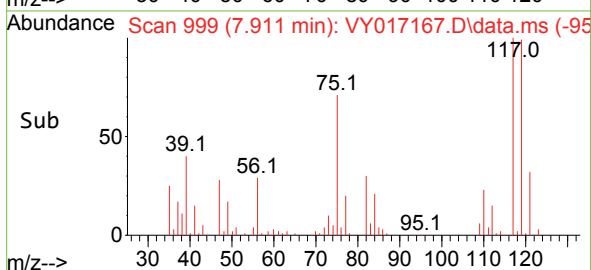
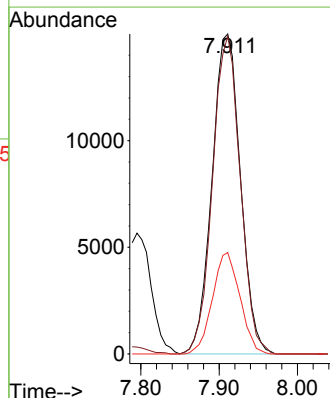
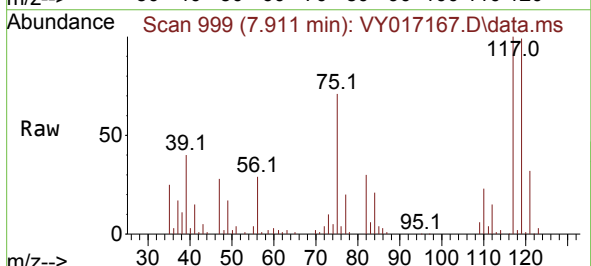
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

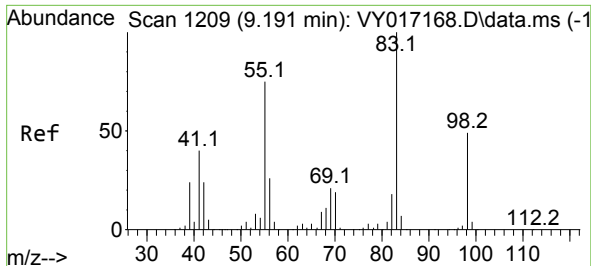
Tgt Ion: 43 Resp: 19463
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 9.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.343 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 117 Resp: 37890
Ion Ratio Lower Upper
117 100
119 99.2 76.0 114.0
121 31.7 24.2 36.2





#39

Methylcyclohexane

Concen: 19.164 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

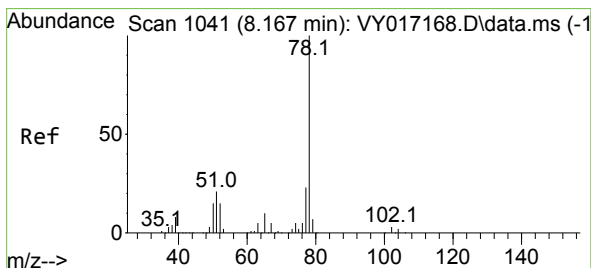
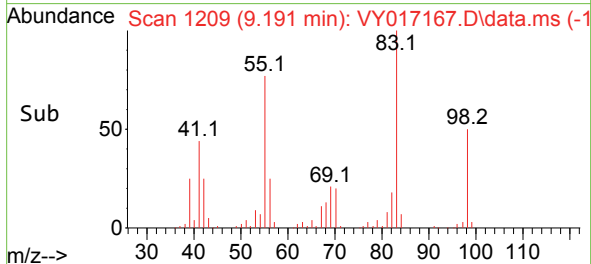
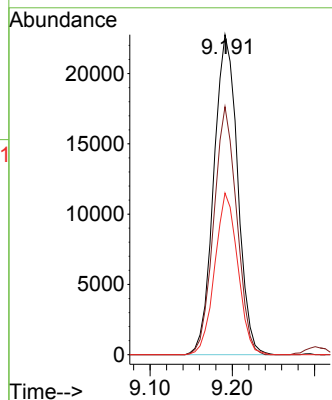
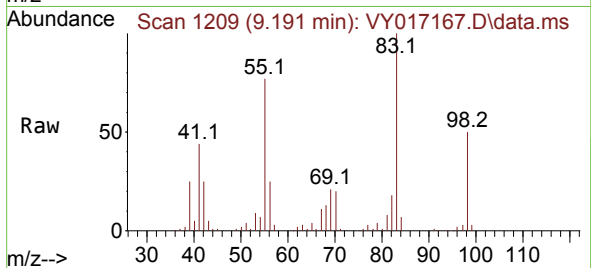
Tgt Ion: 83 Resp: 45805

Ion Ratio Lower Upper

83 100

55 77.5 59.7 89.5

98 50.5 38.0 57.0



#40

Benzene

Concen: 20.126 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017167.D

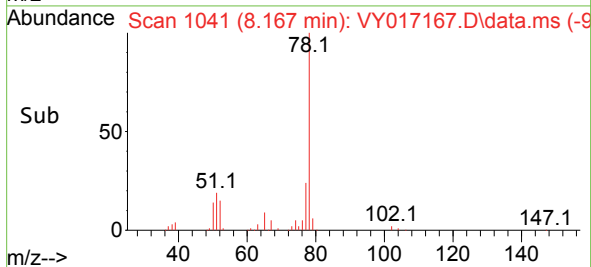
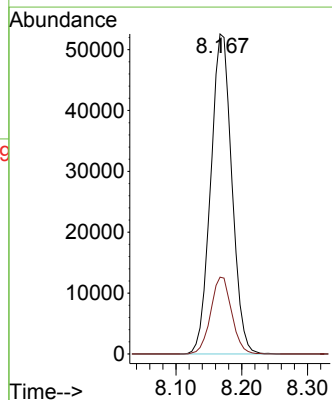
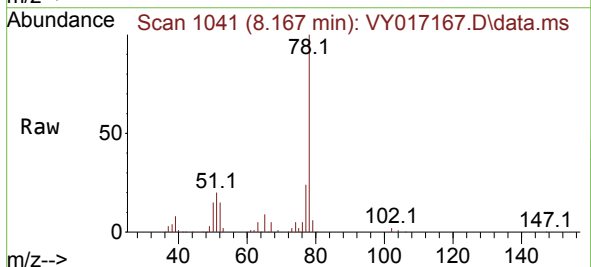
Acq: 01 Feb 2024 14:24

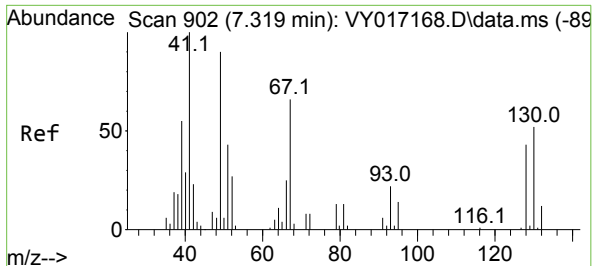
Tgt Ion: 78 Resp: 117586

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

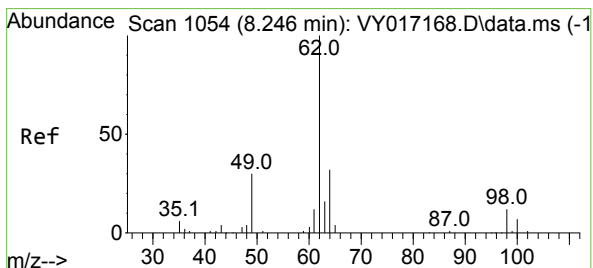
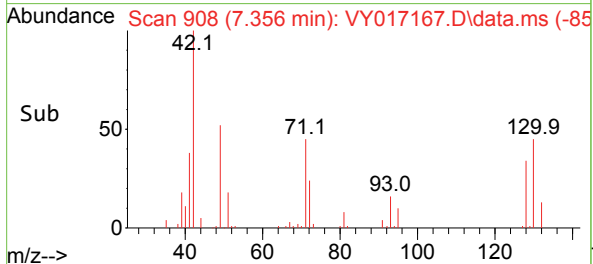
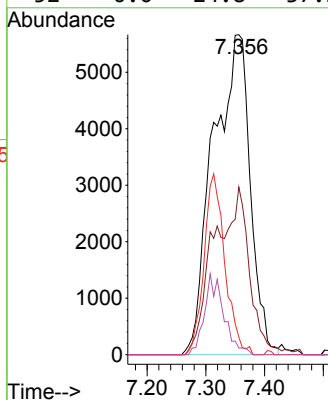
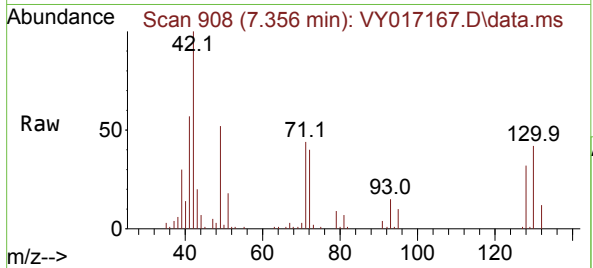




#41
Methacrylonitrile
Concen: 55.117 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

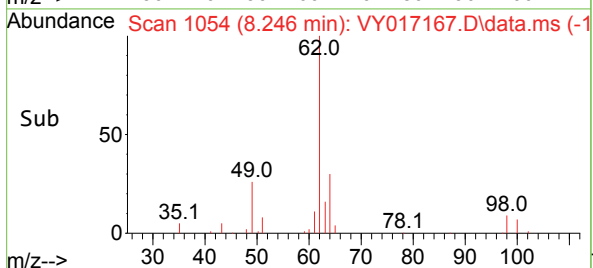
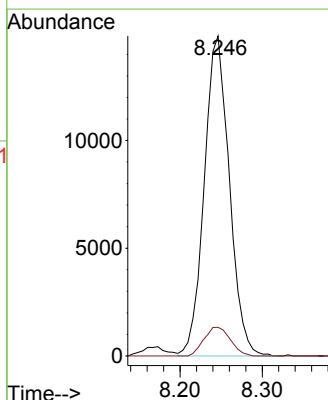
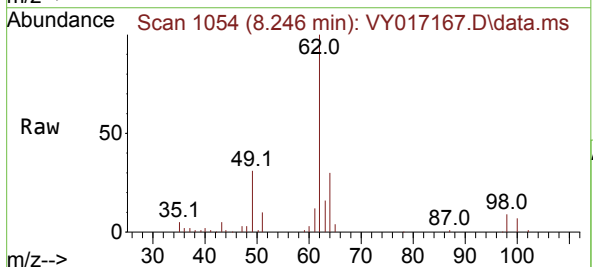
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

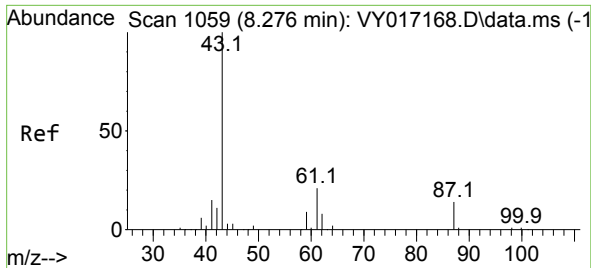
Tgt Ion: 41 Resp: 24780
Ion Ratio Lower Upper
41 100
39 0.0 41.9 62.9#
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 20.365 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 62 Resp: 31502
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2

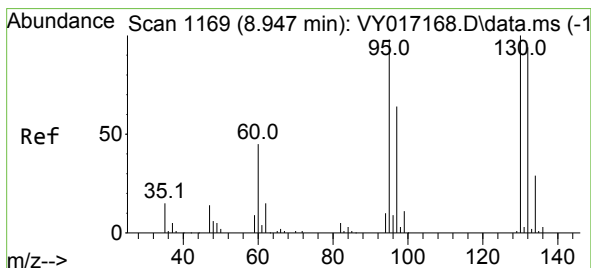
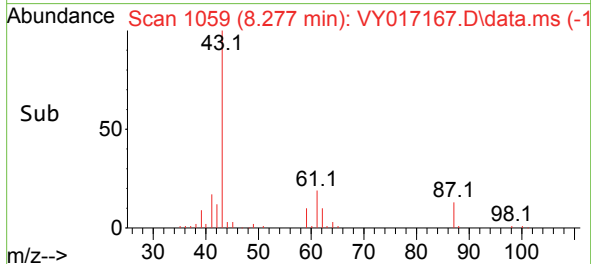
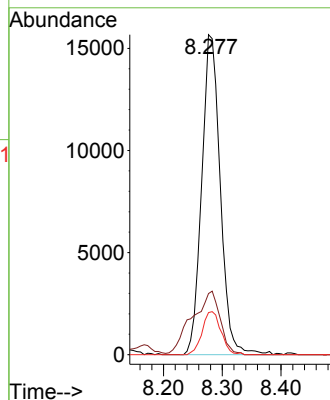
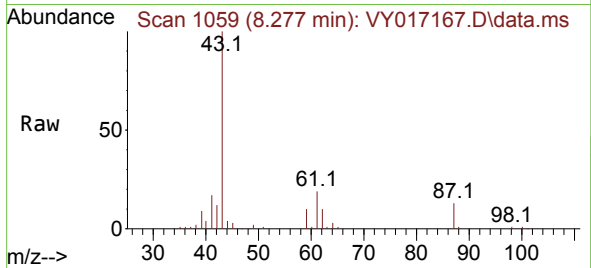




#43
Isopropyl Acetate
Concen: 20.479 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

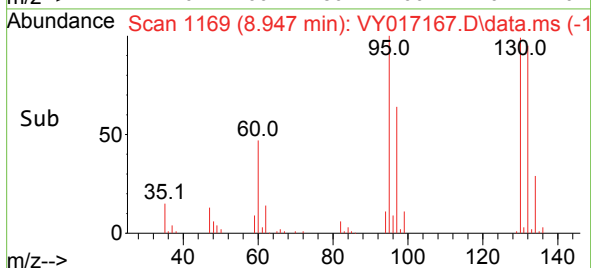
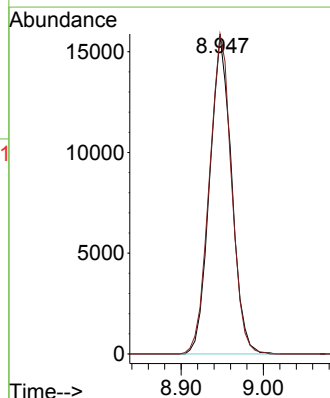
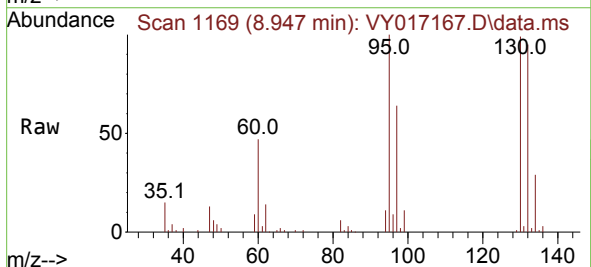
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

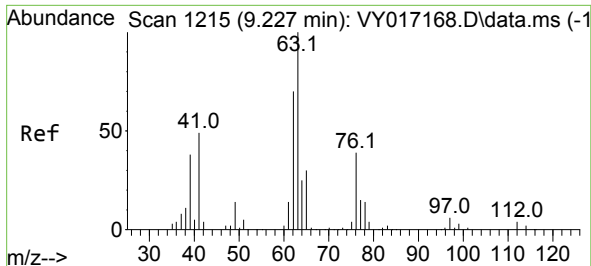
Tgt Ion: 43 Resp: 34400
Ion Ratio Lower Upper
43 100
61 30.0 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 19.710 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion:130 Resp: 29231
Ion Ratio Lower Upper
130 100
95 100.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.495 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

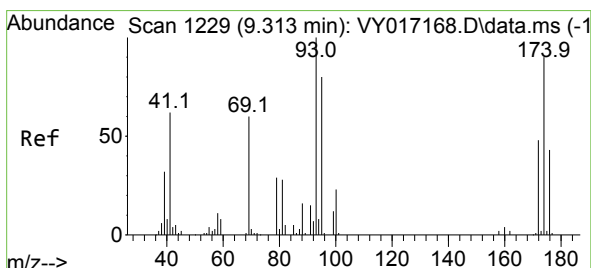
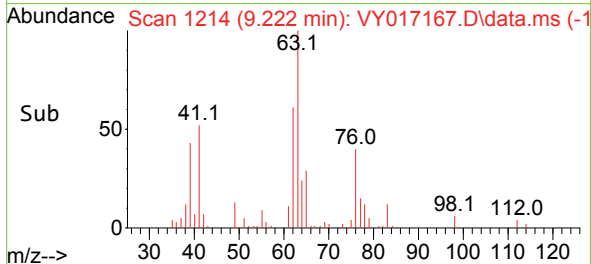
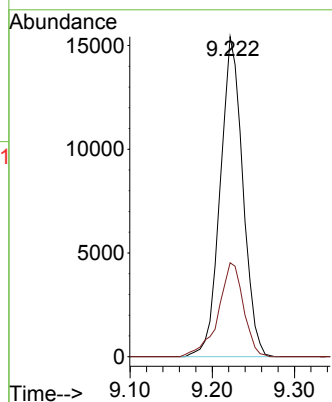
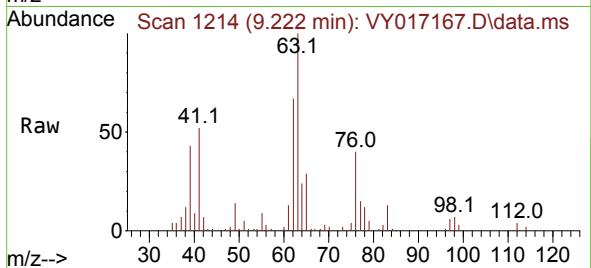
VSTDIC020

Tgt Ion: 63 Resp: 29412

Ion Ratio Lower Upper

63 100

65 29.3 24.6 36.8



#46

Dibromomethane

Concen: 20.645 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

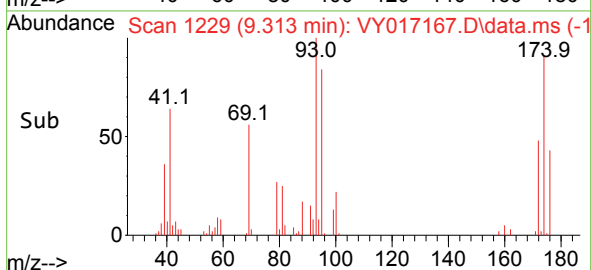
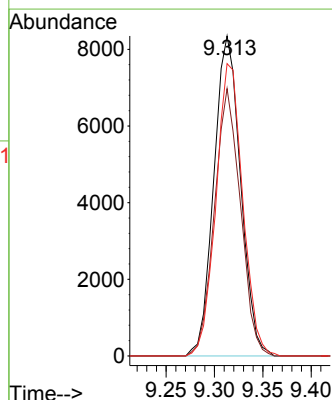
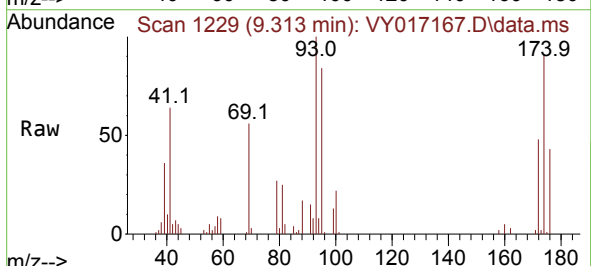
Tgt Ion: 93 Resp: 16004

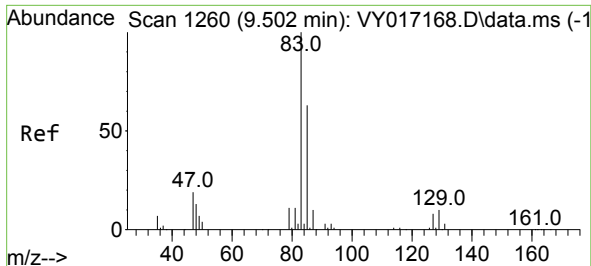
Ion Ratio Lower Upper

93 100

95 81.2 66.6 99.8

174 91.6 73.8 110.6

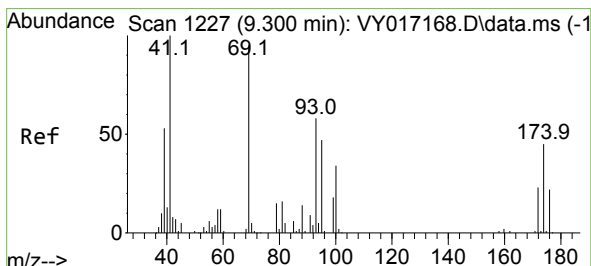
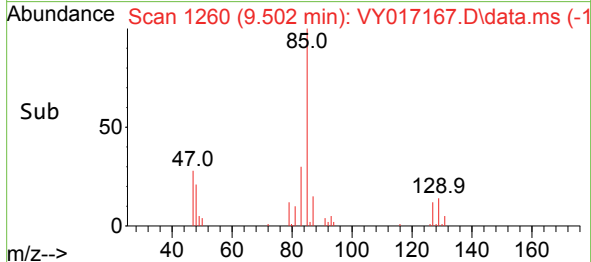
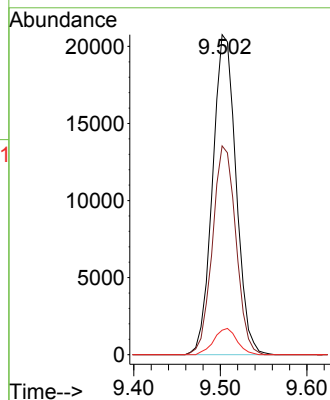
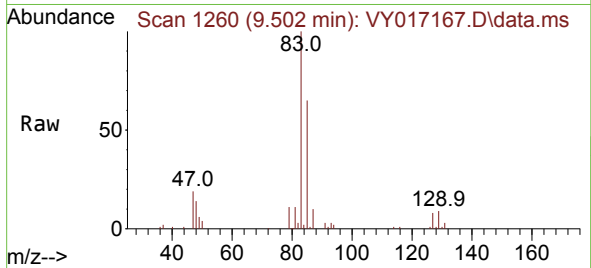




#47
Bromodichloromethane
Concen: 20.140 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

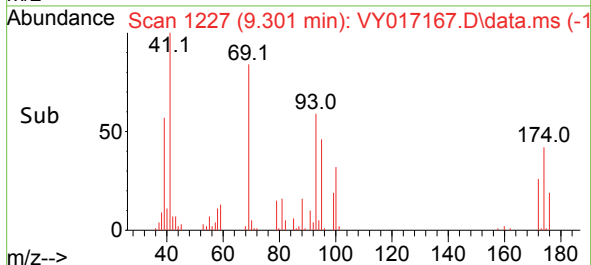
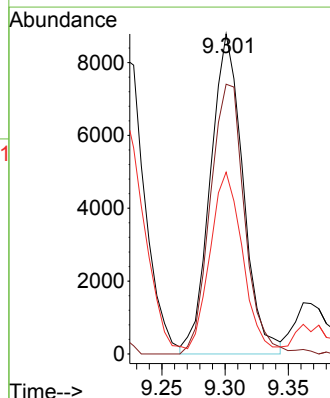
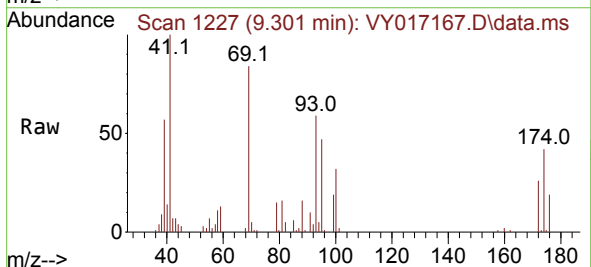
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

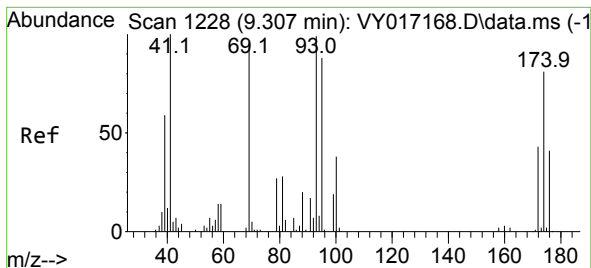
Tgt Ion: 83 Resp: 39071
Ion Ratio Lower Upper
83 100
85 65.2 53.2 79.8
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 20.066 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 41 Resp: 15810
Ion Ratio Lower Upper
41 100
69 88.8 72.1 108.1
39 54.0 42.8 64.2





#49

1,4-Dioxane

Concen: 415.761 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

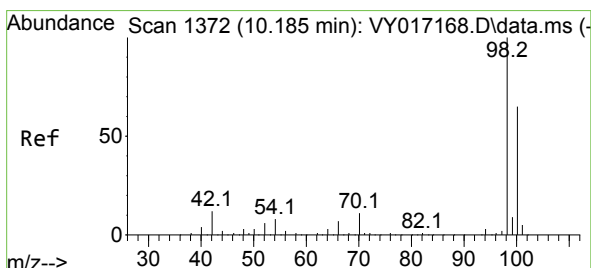
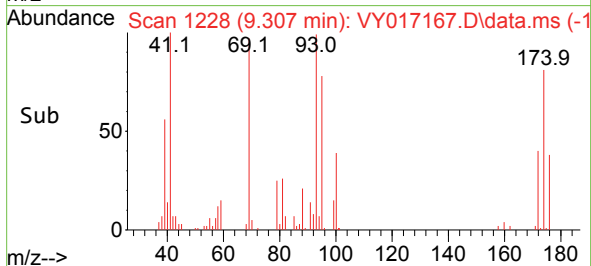
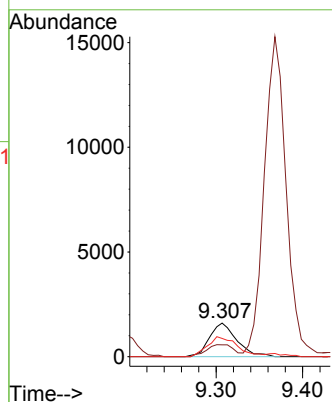
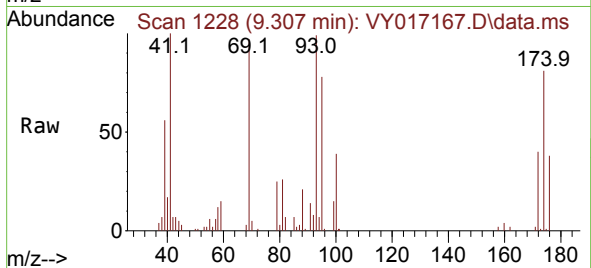
Tgt Ion: 88 Resp: 3508

Ion Ratio Lower Upper

88 100

43 36.6 28.2 42.4

58 65.1 52.2 78.2



#50

Toluene-d8

Concen: 18.525 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017167.D

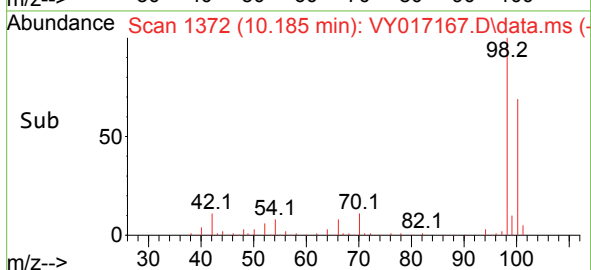
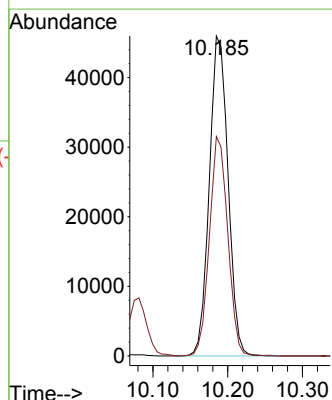
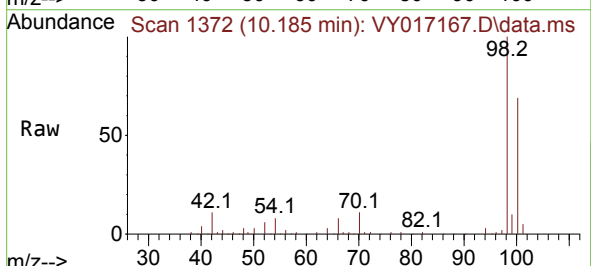
Acq: 01 Feb 2024 14:24

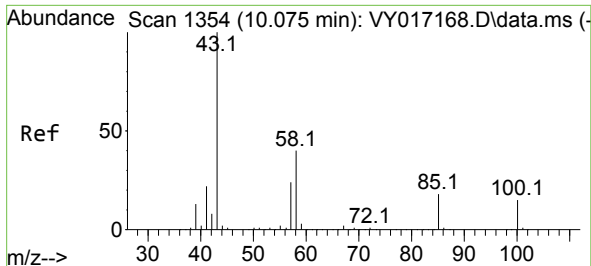
Tgt Ion: 98 Resp: 79997

Ion Ratio Lower Upper

98 100

100 67.2 52.3 78.5

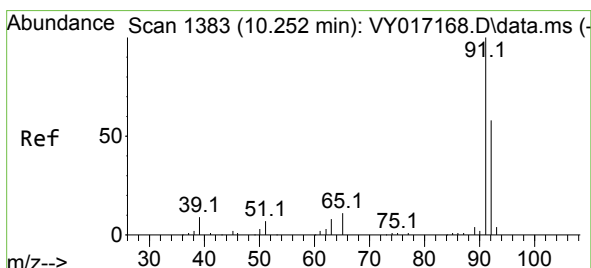
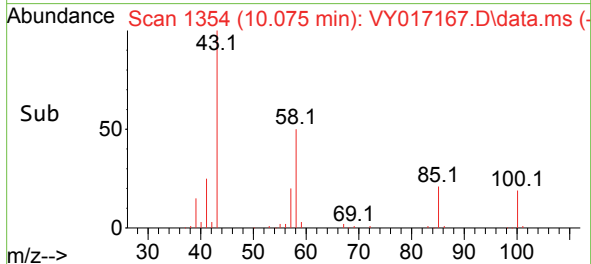
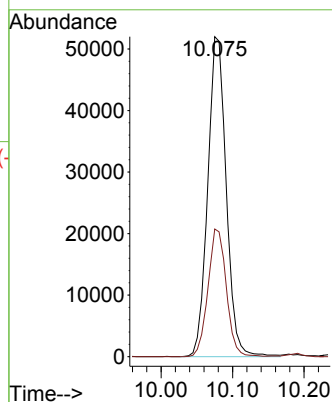
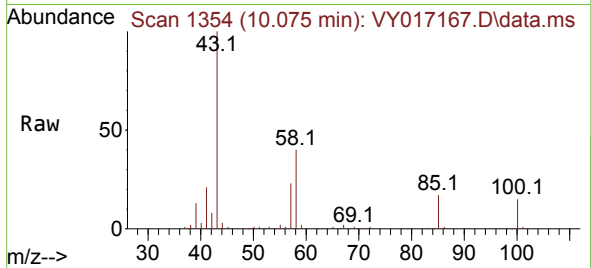




#51
4-Methyl-2-Pentanone
Concen: 103.789 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

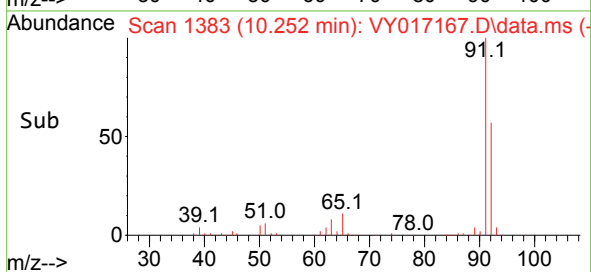
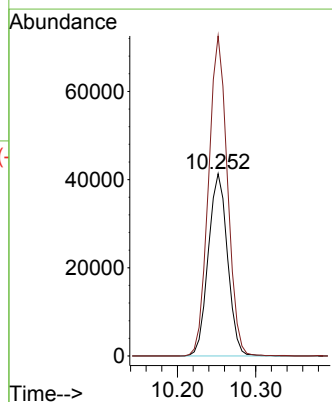
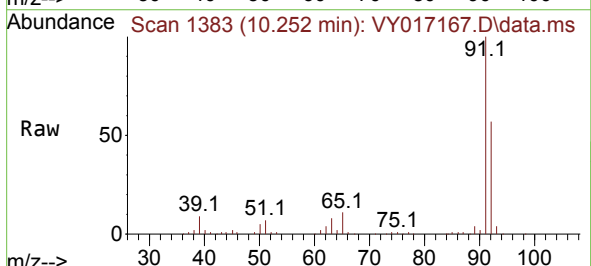
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

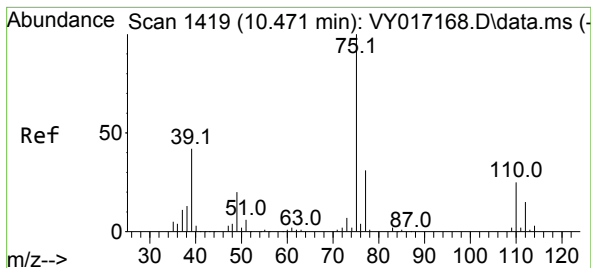
Tgt Ion: 43 Resp: 93455
Ion Ratio Lower Upper
43 100
58 39.6 32.2 48.2



#52
Toluene
Concen: 19.945 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 92 Resp: 70337
Ion Ratio Lower Upper
92 100
91 173.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.599 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

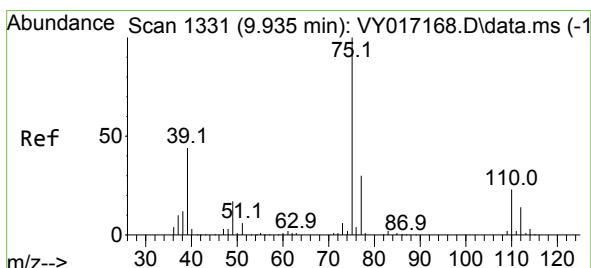
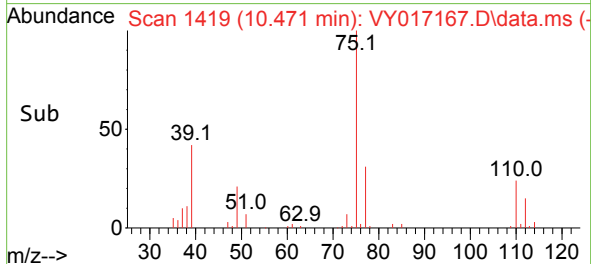
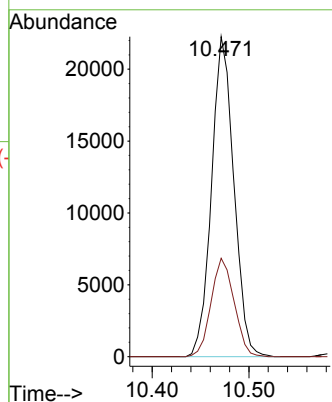
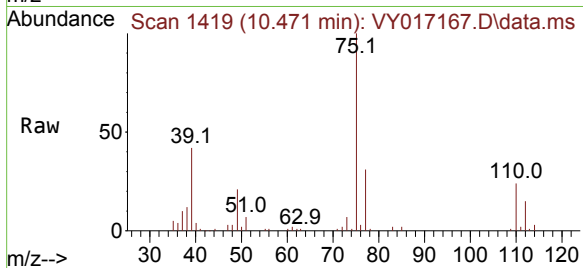
VSTDICC020

Tgt Ion: 75 Resp: 35714

Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.020 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

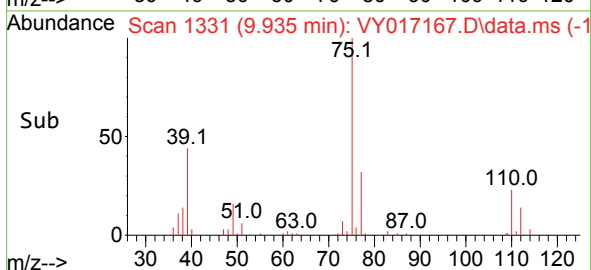
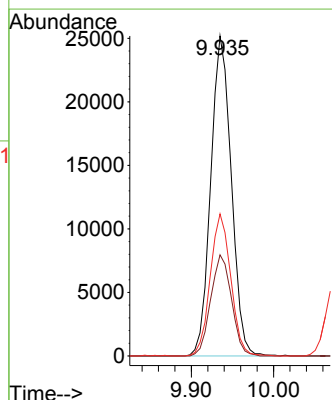
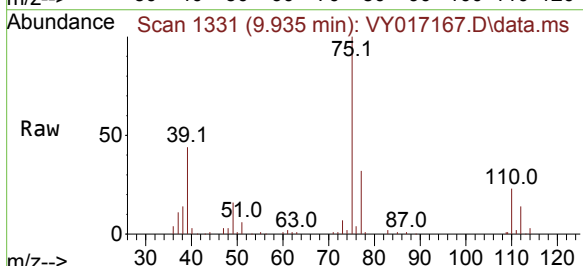
Tgt Ion: 75 Resp: 43697

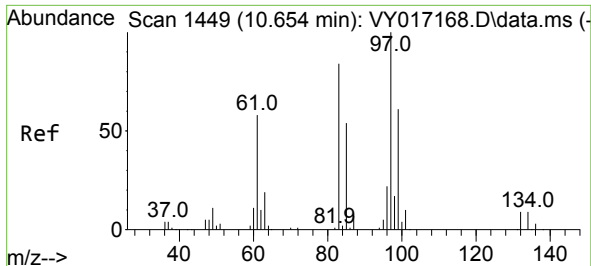
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 44.4 33.6 50.4

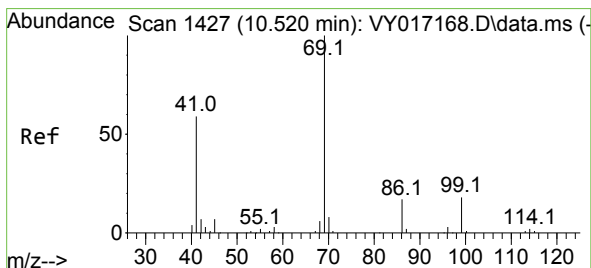
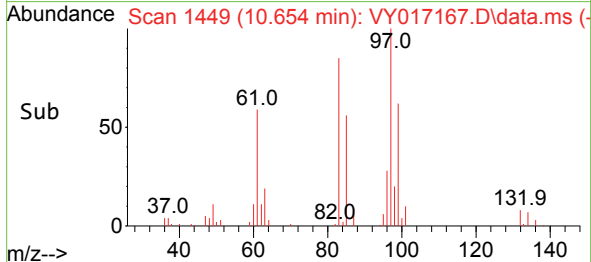
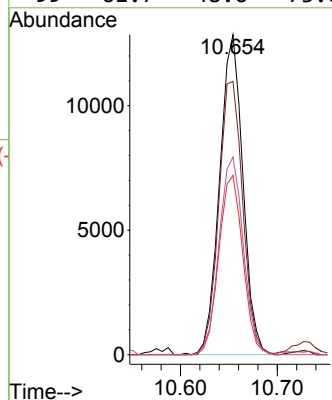
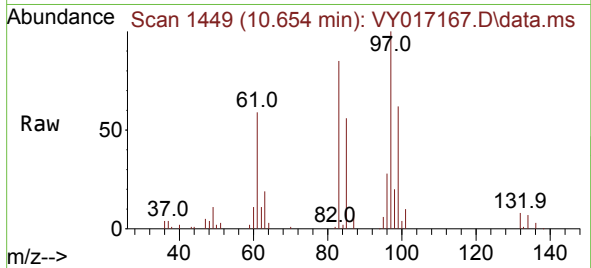




#55
1,1,2-Trichloroethane
Concen: 20.362 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

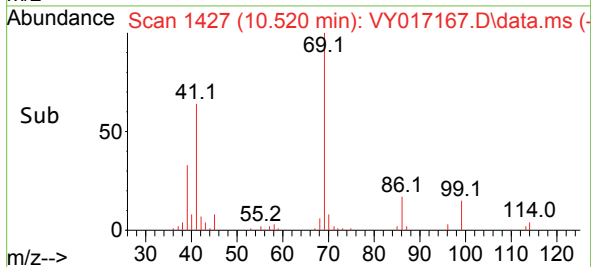
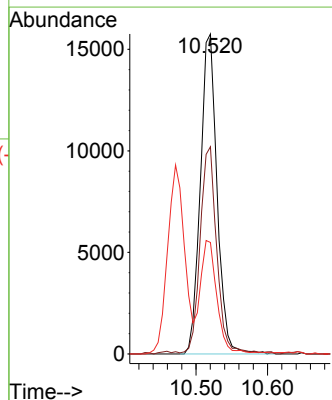
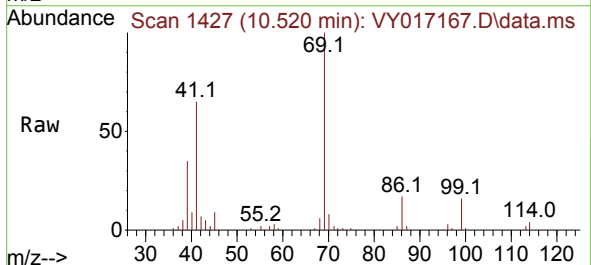
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

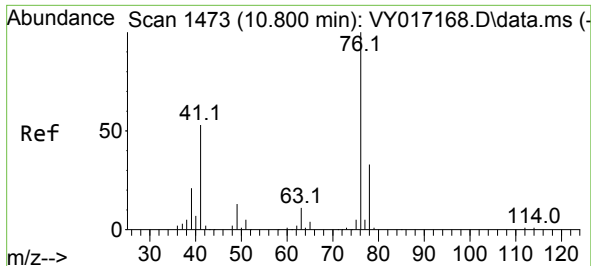
Tgt Ion: 97	Resp: 21476
Ion Ratio	Lower Upper
97 100	
83 85.4	69.4 104.2
85 56.0	43.9 65.9
99 61.7	48.6 73.0



#56
Ethyl methacrylate
Concen: 19.914 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 69	Resp: 25529
Ion Ratio	Lower Upper
69 100	
41 63.2	49.2 73.8
39 34.8	26.8 40.2





#57

1,3-Dichloropropane

Concen: 20.412 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

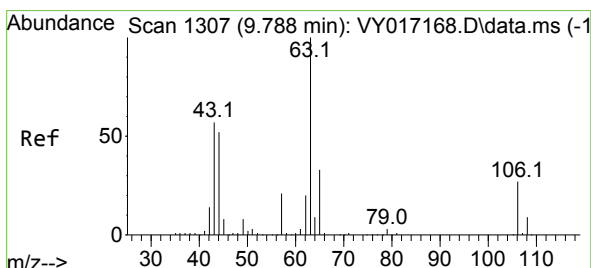
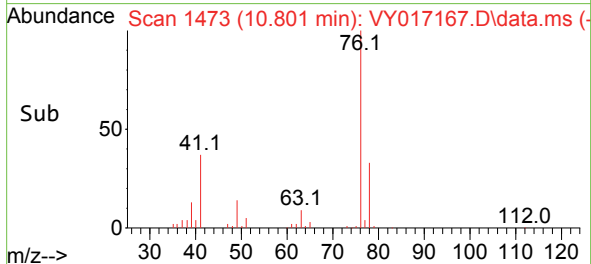
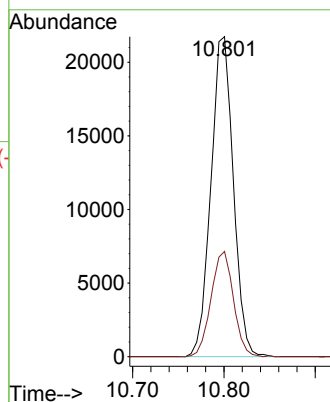
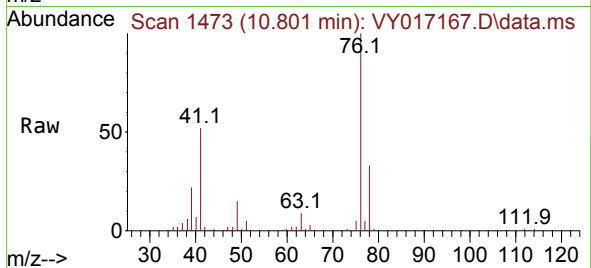
VSTDIC020

Tgt Ion: 76 Resp: 37028

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 104.720 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017167.D

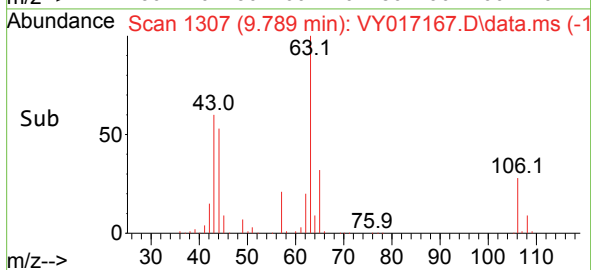
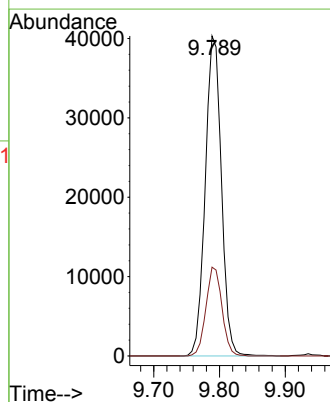
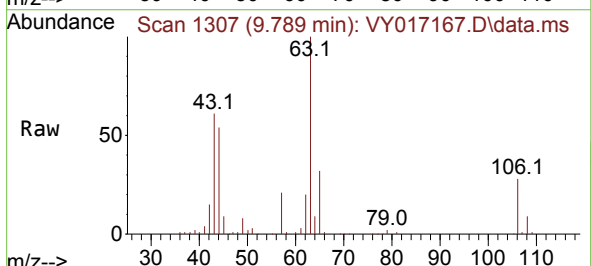
Acq: 01 Feb 2024 14:24

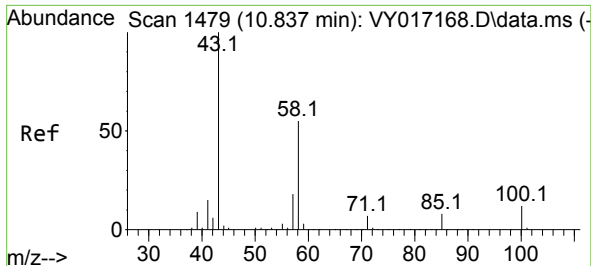
Tgt Ion: 63 Resp: 68807

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

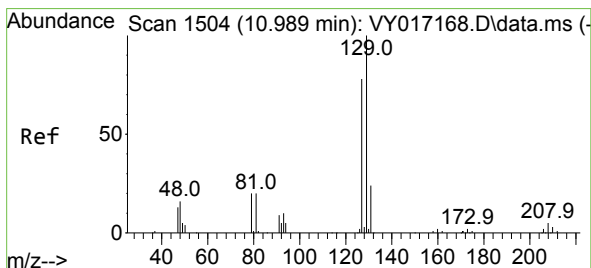
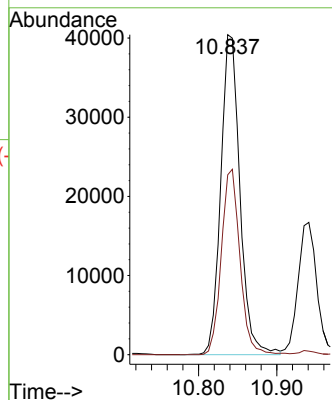
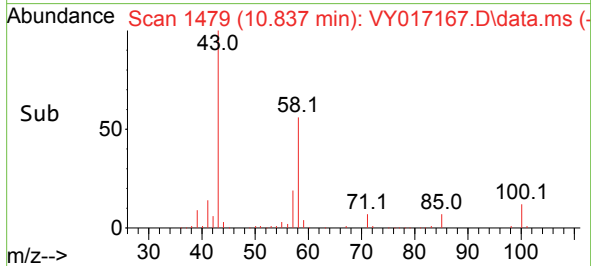
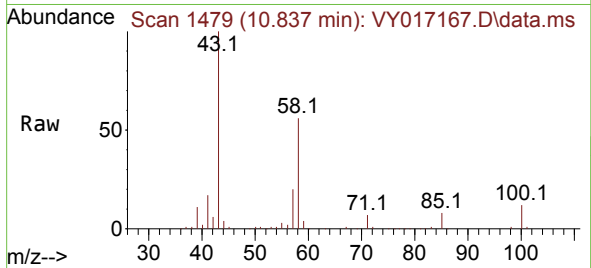




#59
2-Hexanone
Concen: 105.725 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

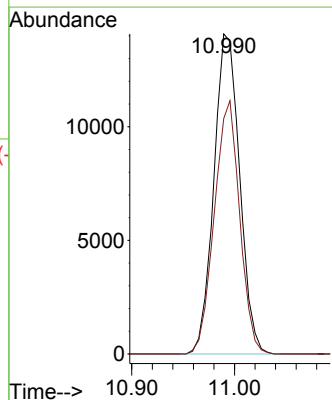
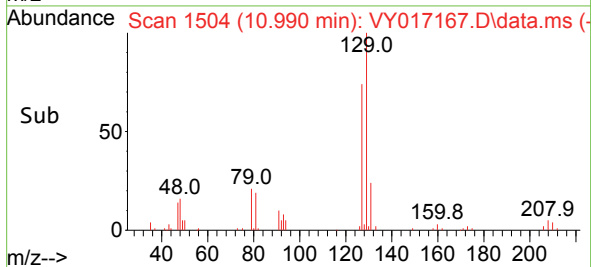
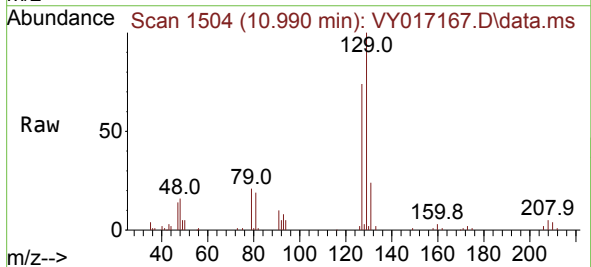
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

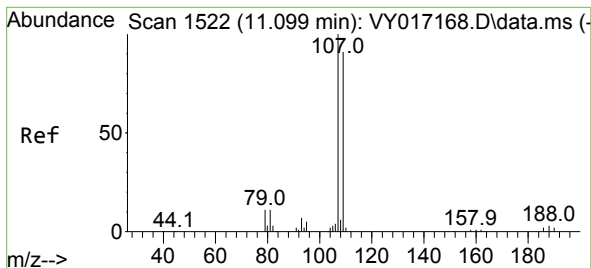
Tgt Ion: 43 Resp: 68838
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.3



#60
Dibromochloromethane
Concen: 19.828 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion:129 Resp: 24533
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6

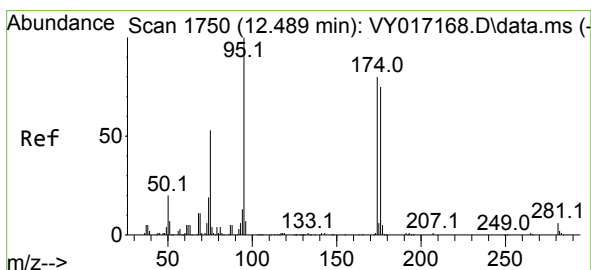
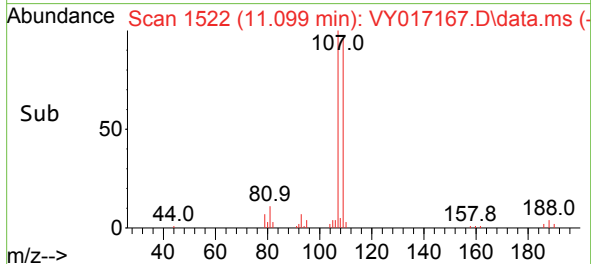
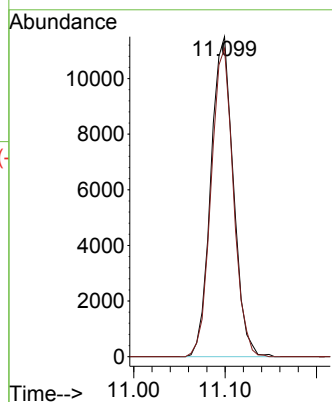
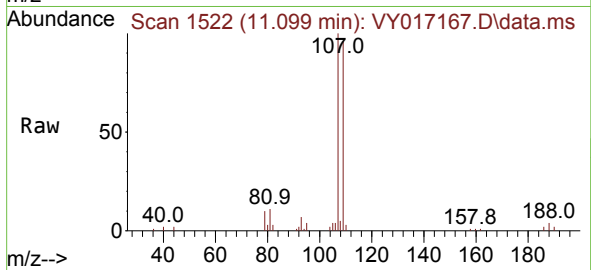




#61
1,2-Dibromoethane
Concen: 20.120 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

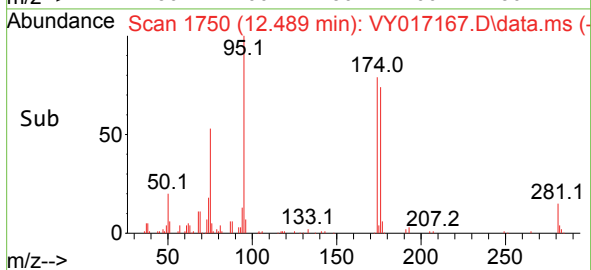
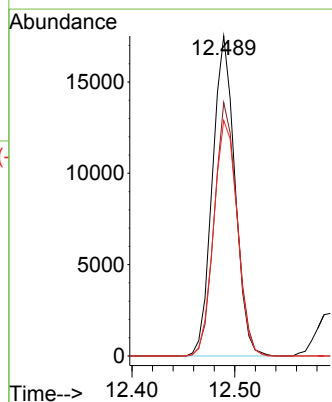
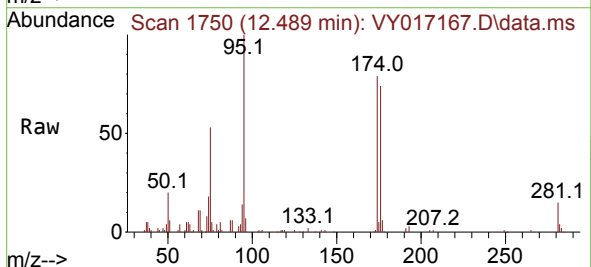
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

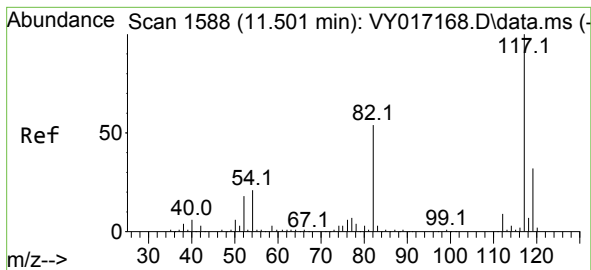
Tgt Ion:107 Resp: 19736
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 18.762 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 95 Resp: 26541
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 77.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

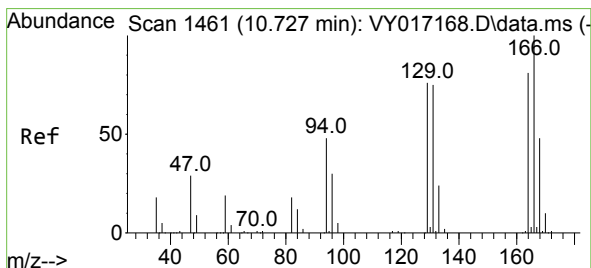
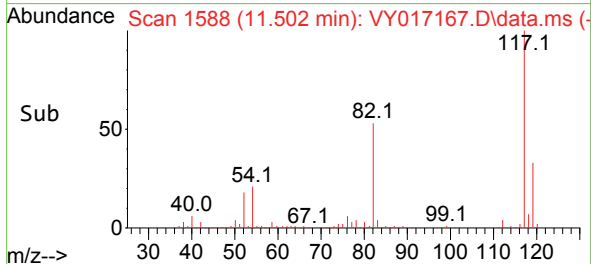
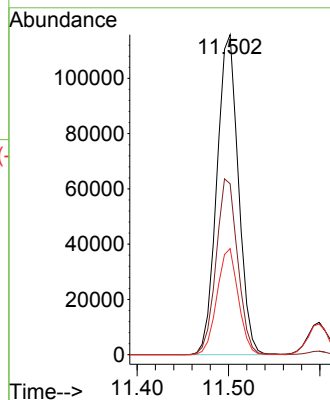
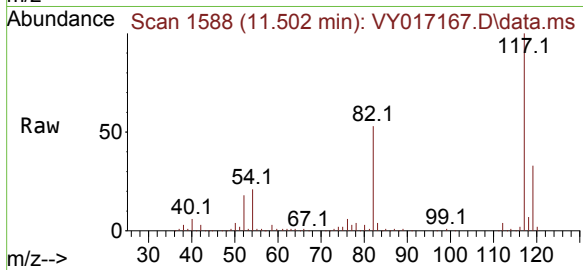
Tgt Ion:117 Resp: 189519

Ion Ratio Lower Upper

117 100

82 53.4 43.8 65.8

119 33.1 26.5 39.7



#64

Tetrachloroethene

Concen: 19.832 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Tgt Ion:164 Resp: 24410

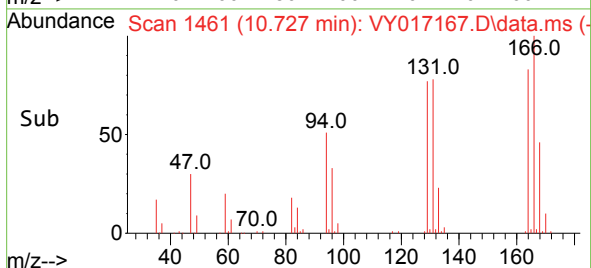
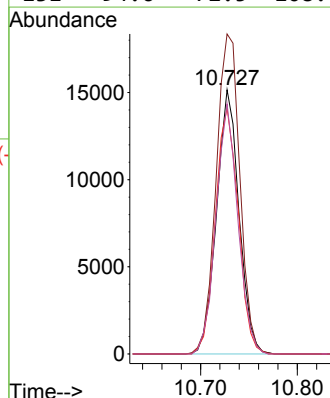
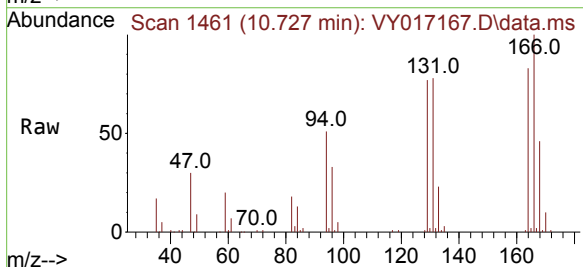
Ion Ratio Lower Upper

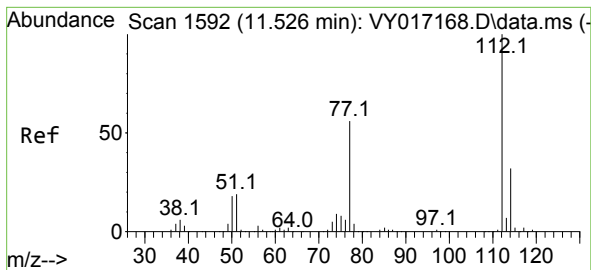
164 100

166 121.1 98.8 148.2

129 93.0 78.9 118.3

131 94.6 72.5 108.7

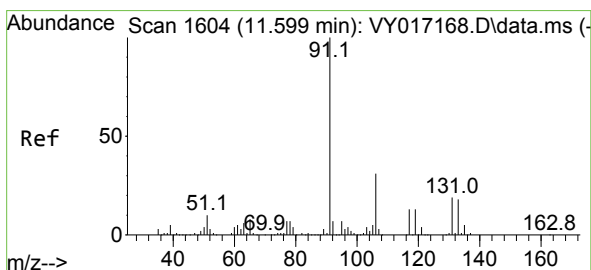
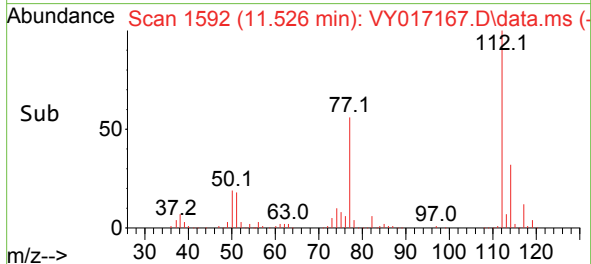
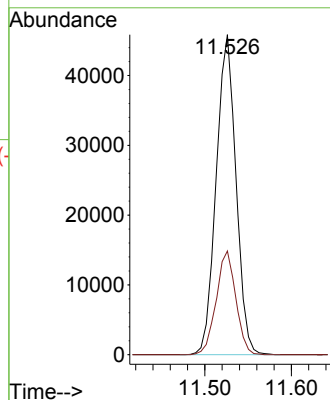
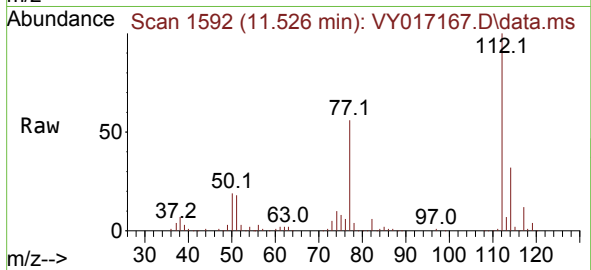




#65
Chlorobenzene
Concen: 19.898 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

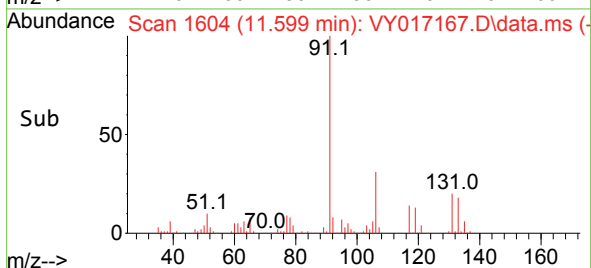
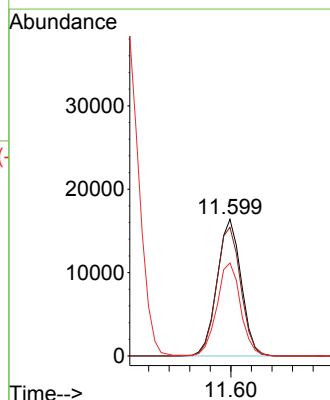
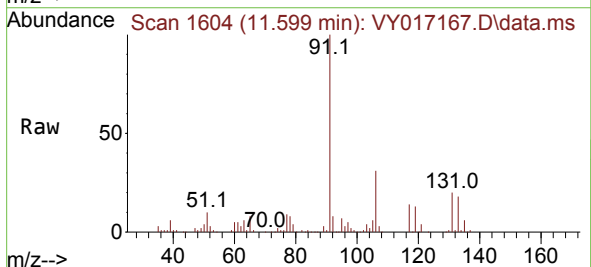
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

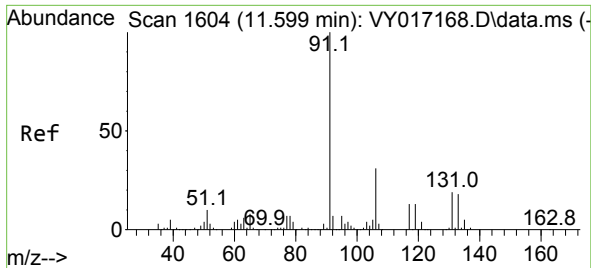
Tgt Ion:112 Resp: 72745
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.978 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion:131 Resp: 26543
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.0
119 67.3 33.3 99.9

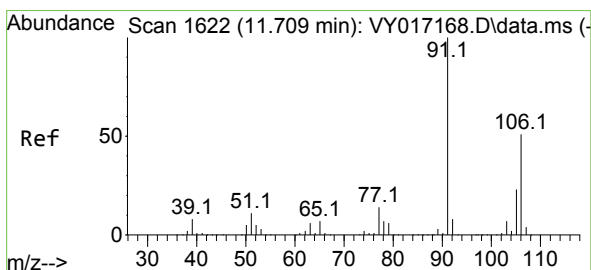
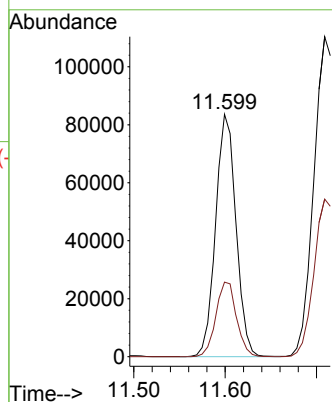
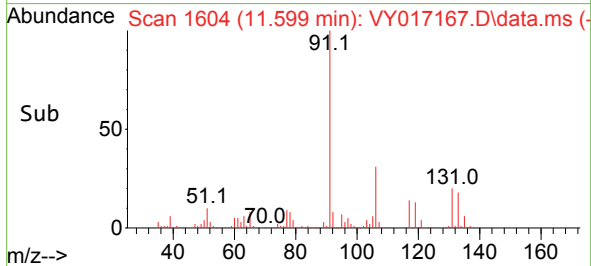
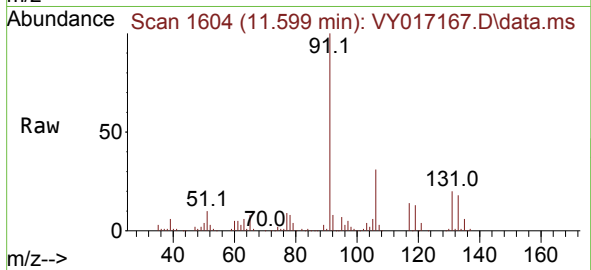




#67
Ethyl Benzene
Concen: 19.624 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

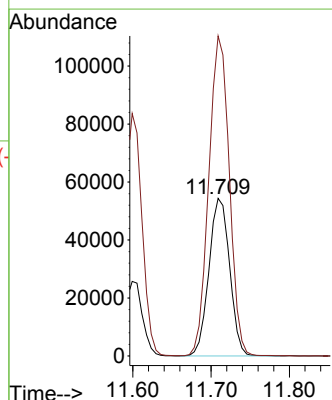
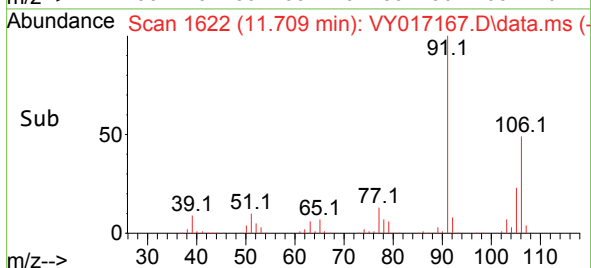
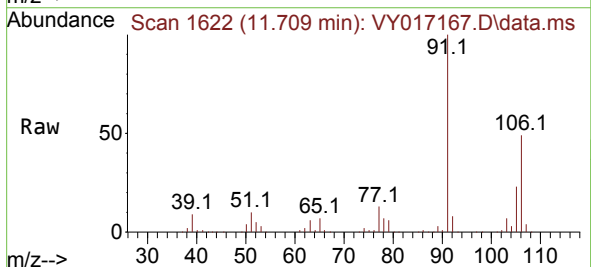
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

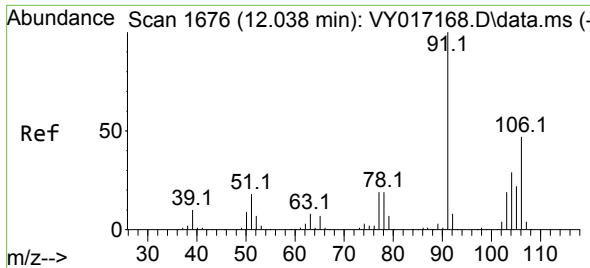
Tgt Ion: 91 Resp: 129665
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



#68
m/p-Xylenes
Concen: 39.833 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion:106 Resp: 99881
Ion Ratio Lower Upper
106 100
91 201.6 160.7 241.1

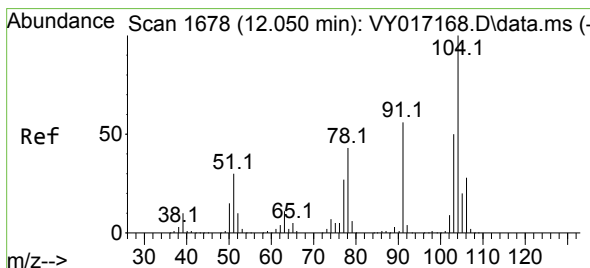
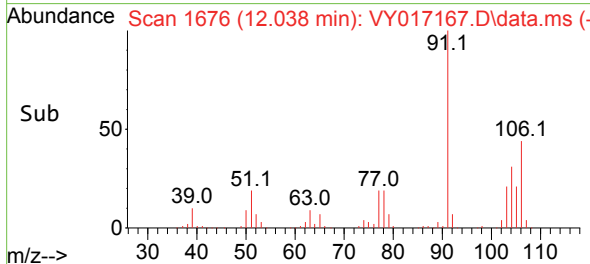
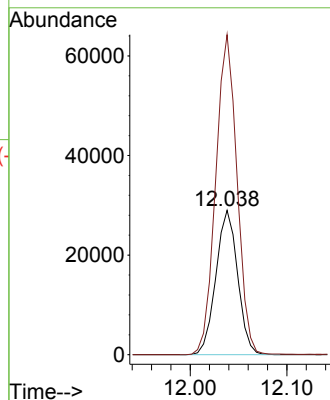
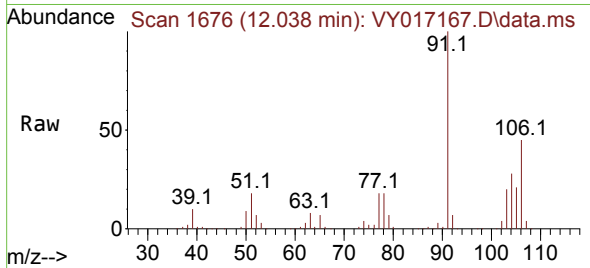




#69
o-Xylene
Concen: 19.602 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

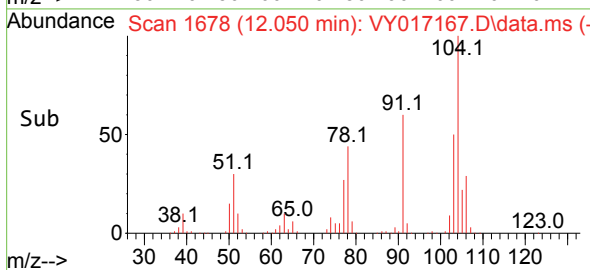
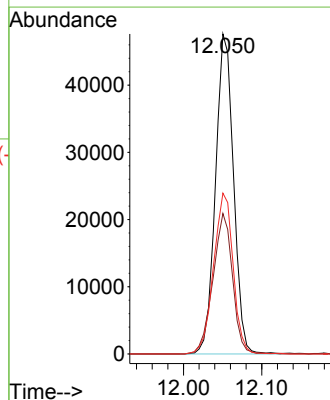
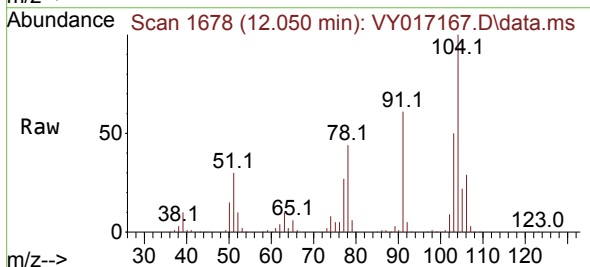
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

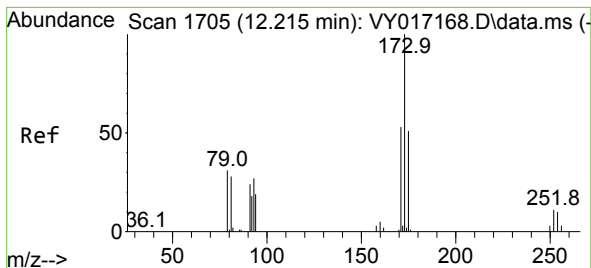
Tgt Ion:106 Resp: 45263
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.5



#70
Styrene
Concen: 20.049 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion:104 Resp: 76280
Ion Ratio Lower Upper
104 100
78 47.6 39.2 58.8
103 54.5 43.8 65.6





#71

Bromoform

Concen: 19.878 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

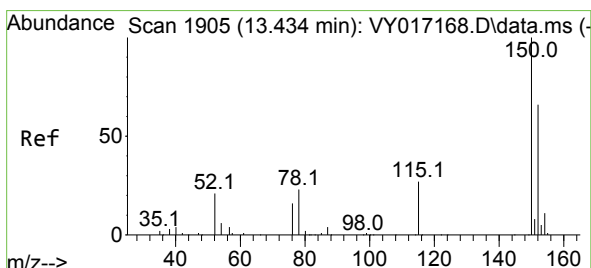
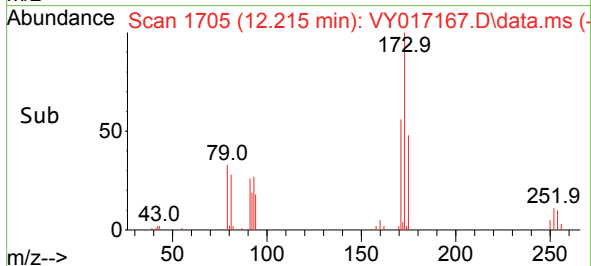
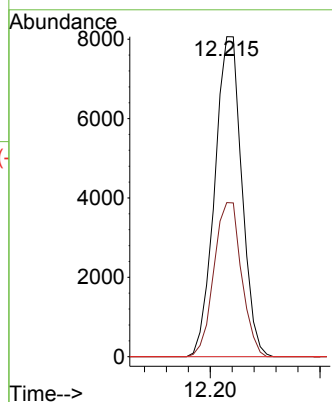
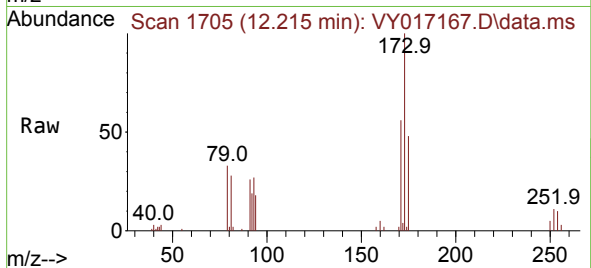
Tgt Ion:173 Resp: 13831

Ion Ratio Lower Upper

173 100

175 49.1 23.5 70.6

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. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

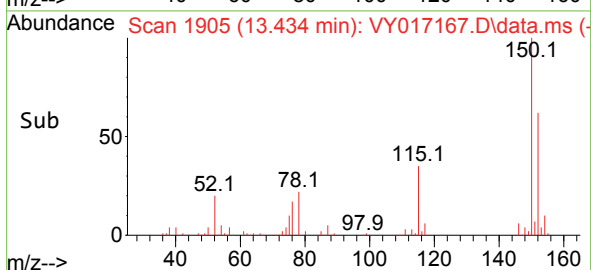
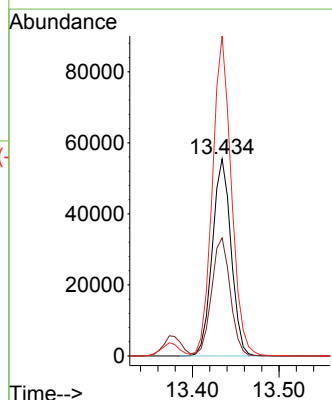
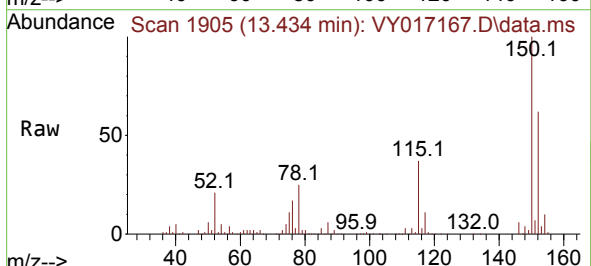
Tgt Ion:152 Resp: 83399

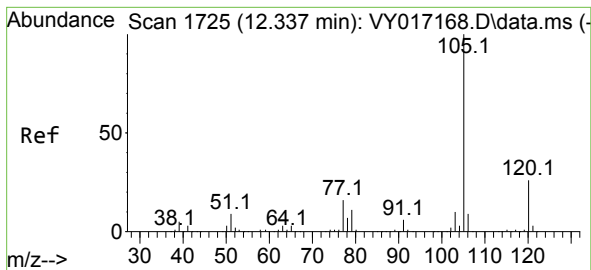
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 164.1 0.0 344.6





#73

Isopropylbenzene

Concen: 19.800 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

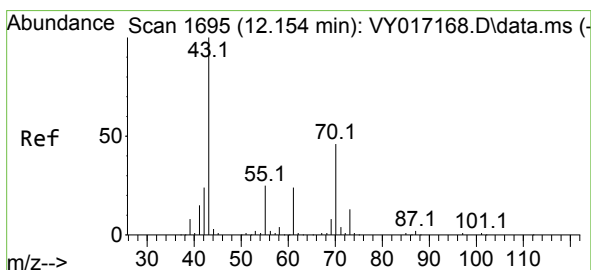
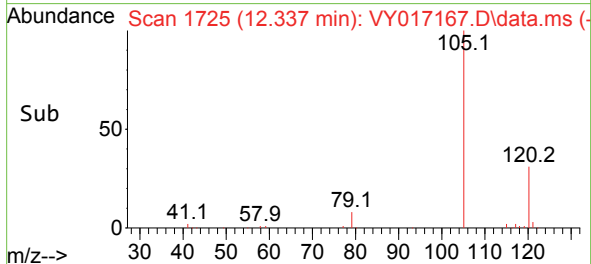
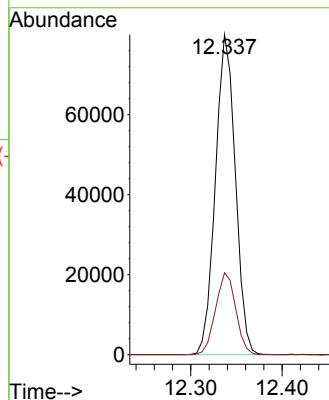
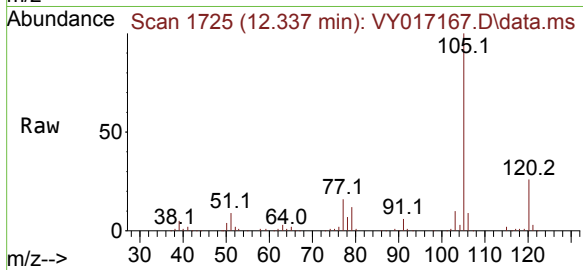
VSTDICC020

Tgt Ion:105 Resp: 121309

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 20.034 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Tgt Ion: 43 Resp: 27580

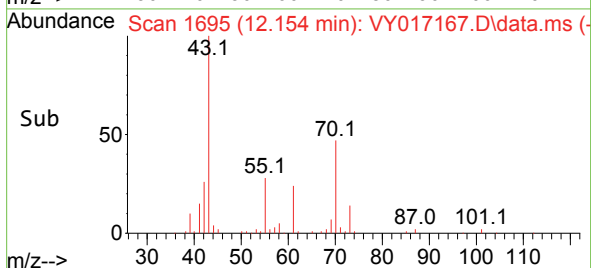
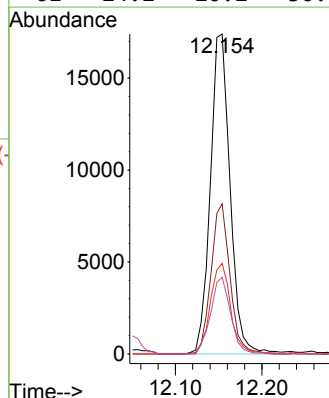
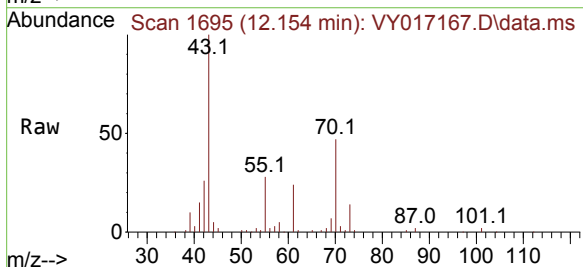
Ion Ratio Lower Upper

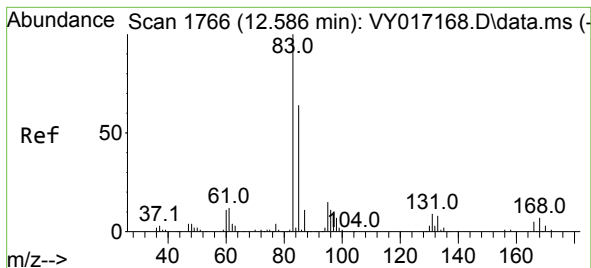
43 100

70 45.0 36.6 55.0

55 29.3 22.2 33.4

61 24.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.881 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

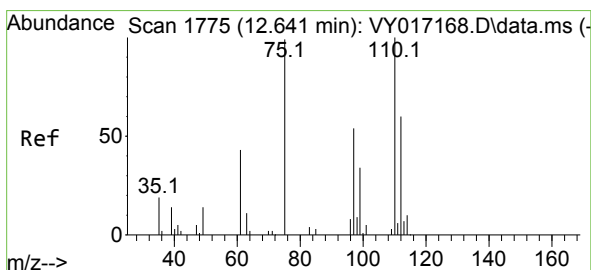
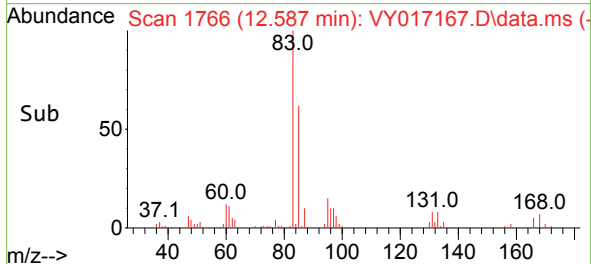
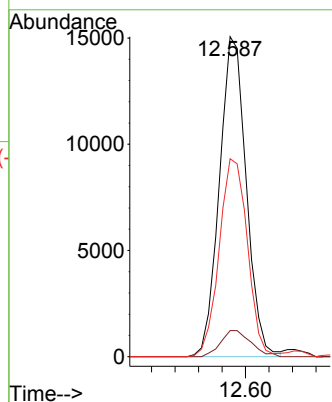
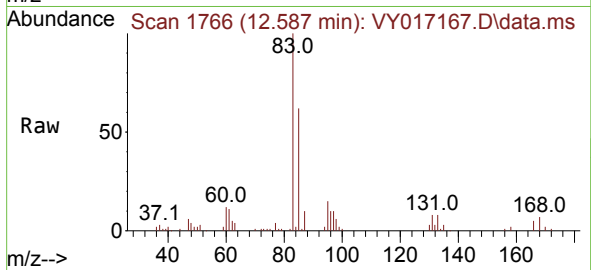
Tgt Ion: 83 Resp: 23958

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.6

85 64.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 35.991 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017167.D

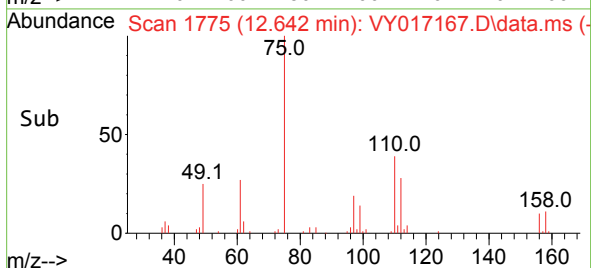
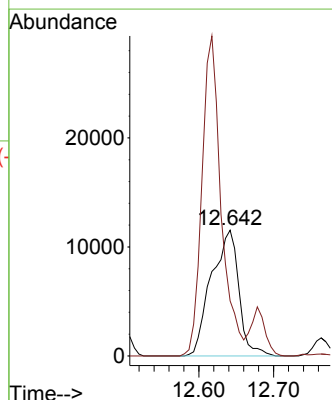
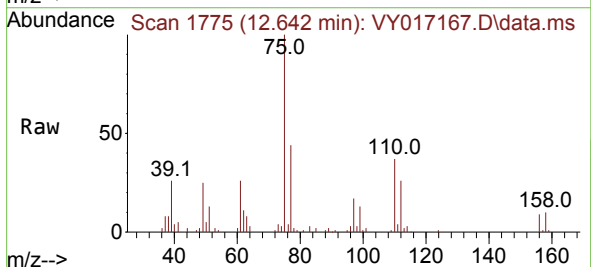
Acq: 01 Feb 2024 14:24

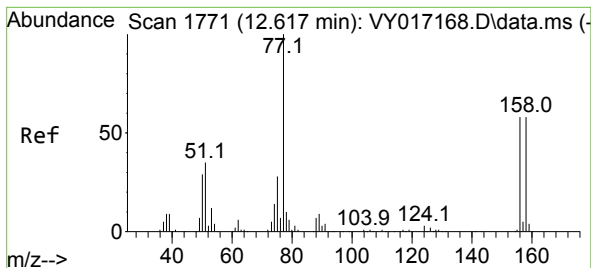
Tgt Ion: 75 Resp: 29562

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.342 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

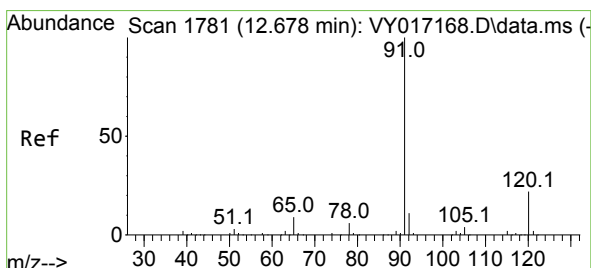
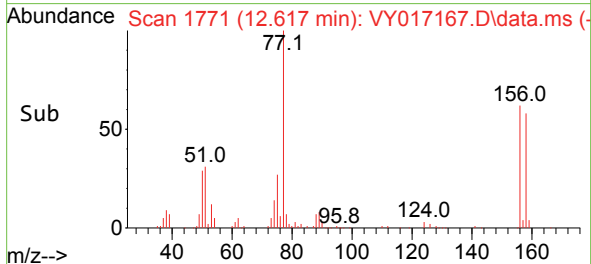
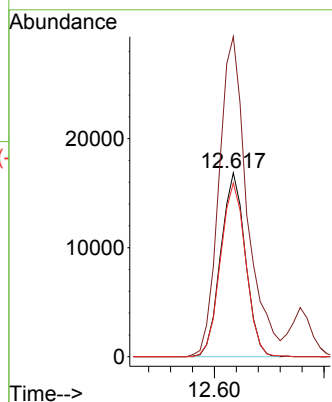
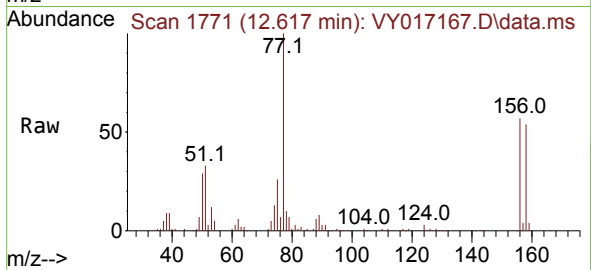
Tgt Ion:156 Resp: 26286

Ion Ratio Lower Upper

156 100

77 199.4 97.3 291.8

158 96.8 48.4 145.0



#78

n-propylbenzene

Concen: 19.633 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017167.D

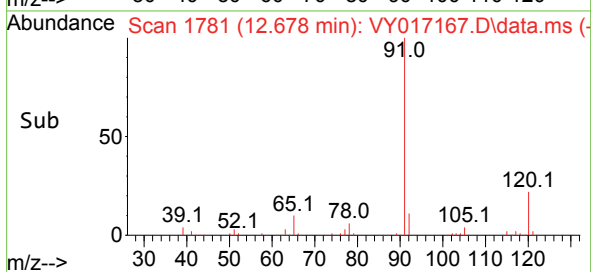
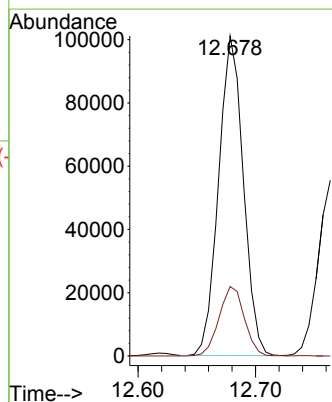
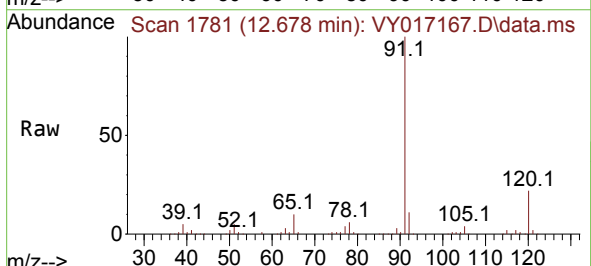
Acq: 01 Feb 2024 14:24

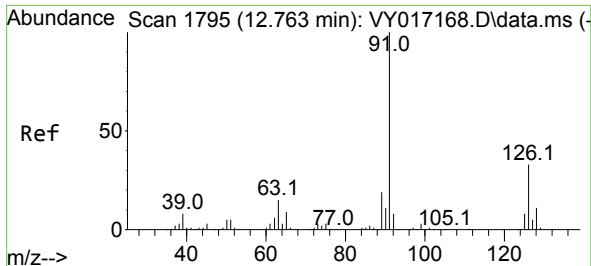
Tgt Ion: 91 Resp: 147733

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

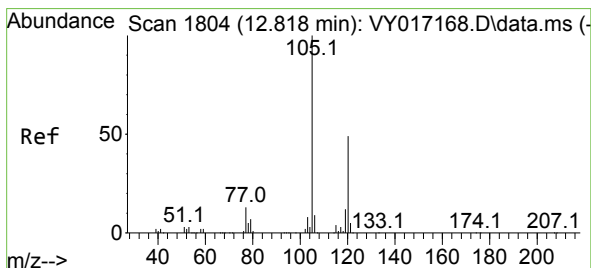
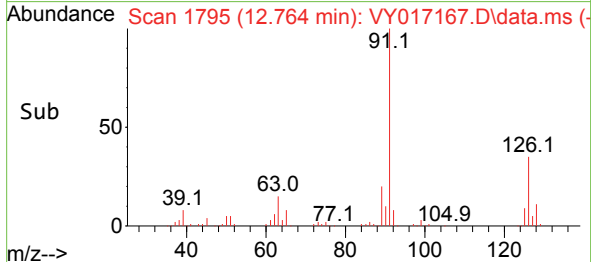
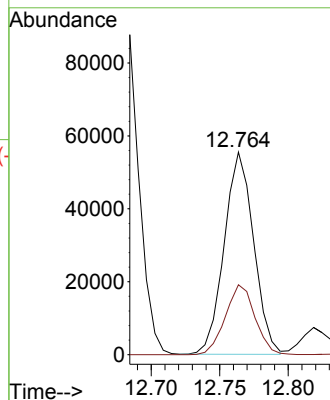
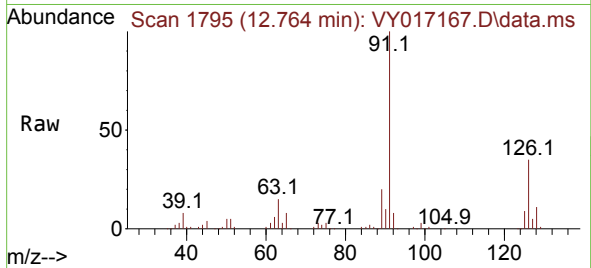




#79
2-Chlorotoluene
Concen: 20.071 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

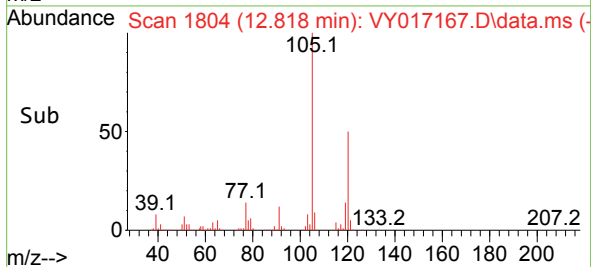
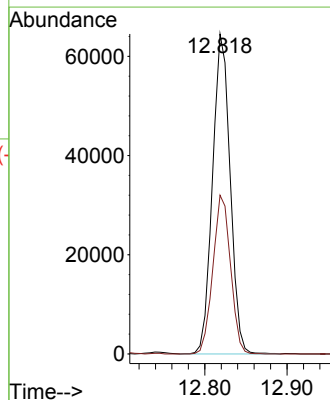
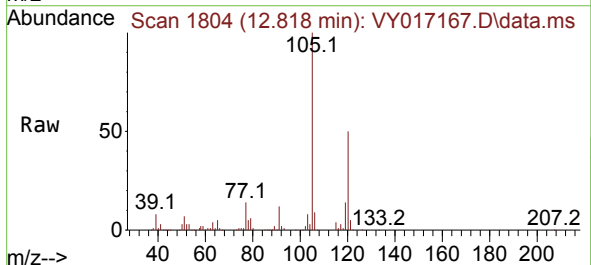
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

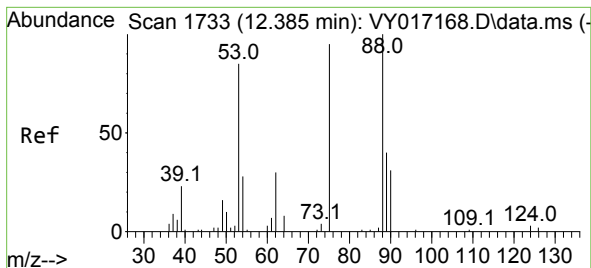
Tgt Ion: 91 Resp: 83031
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.736 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 105 Resp: 96166
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

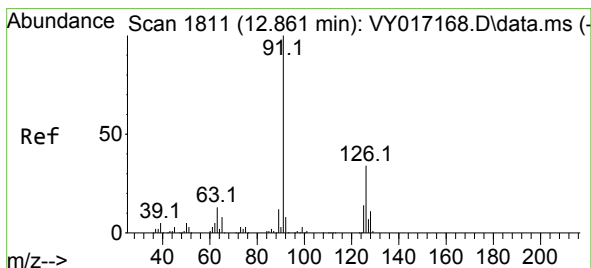
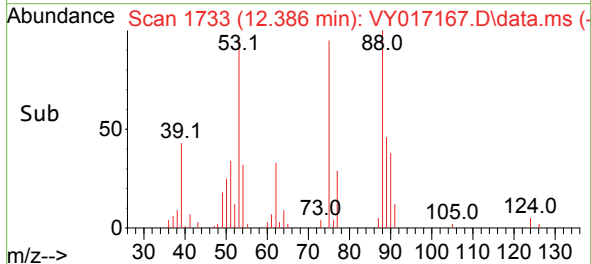
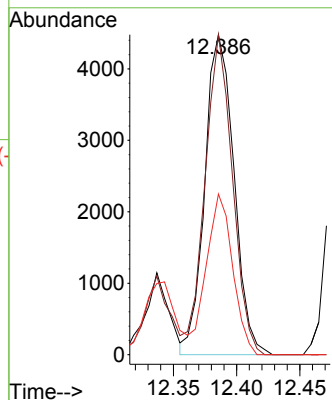
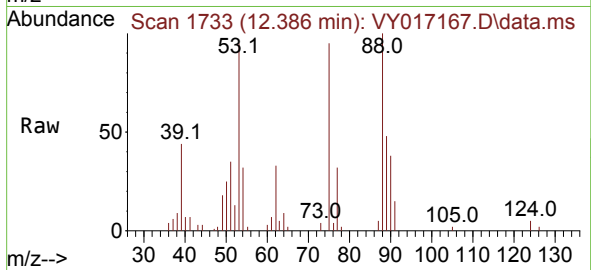




#81
trans-1,4-Dichloro-2-butene
Concen: 19.363 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

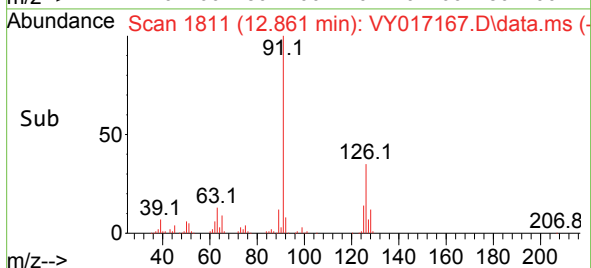
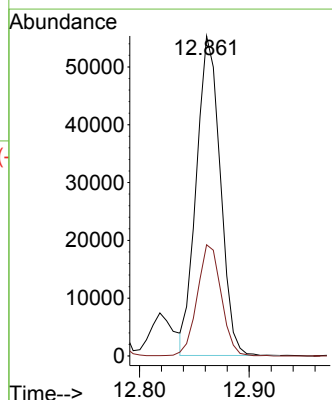
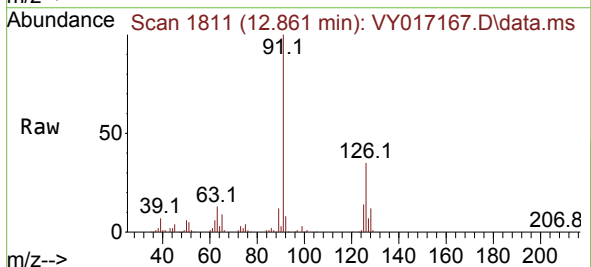
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

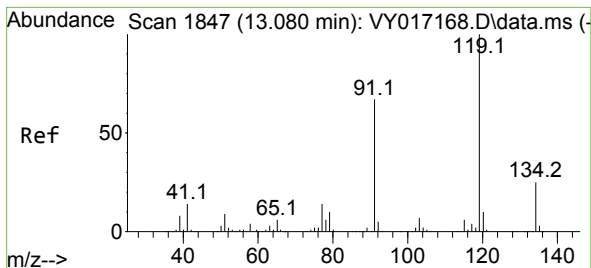
Tgt Ion: 75 Resp: 7173
Ion Ratio Lower Upper
75 100
53 94.4 74.0 111.0
89 45.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.665 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion: 91 Resp: 83727
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.479 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

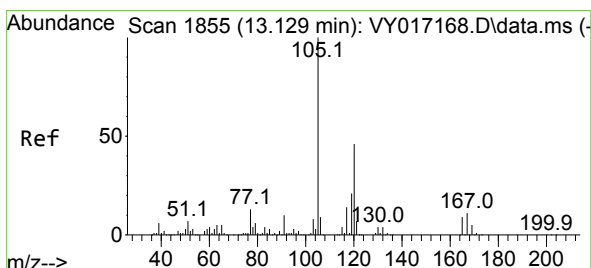
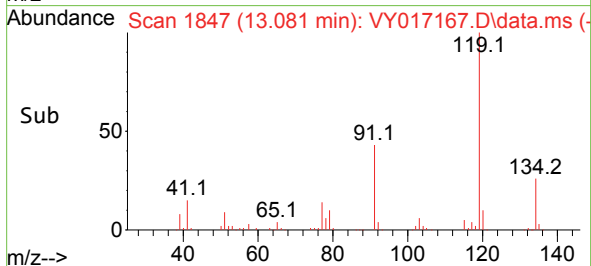
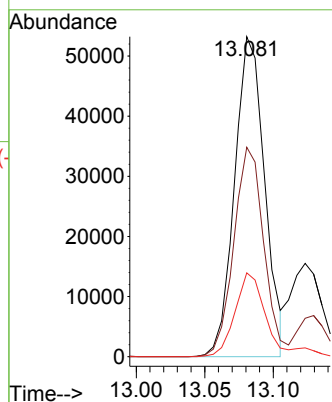
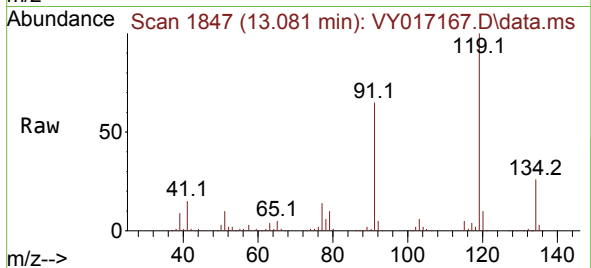
Tgt Ion:119 Resp: 81360

Ion Ratio Lower Upper

119 100

91 65.5 31.5 94.5

134 25.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.710 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017167.D

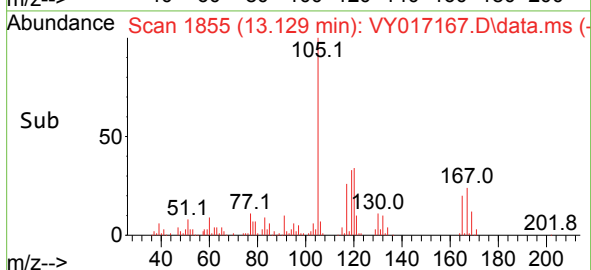
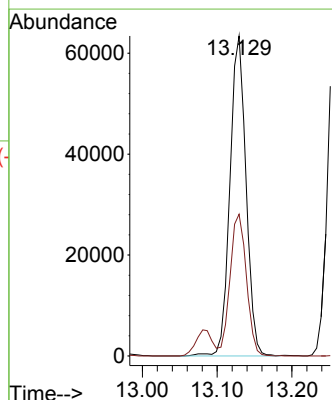
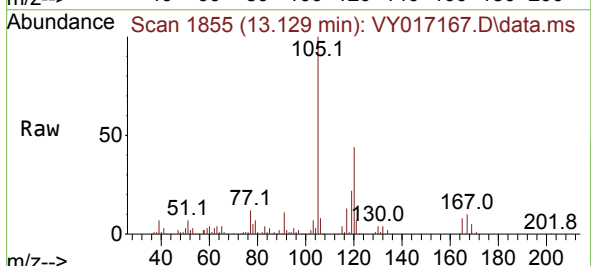
Acq: 01 Feb 2024 14:24

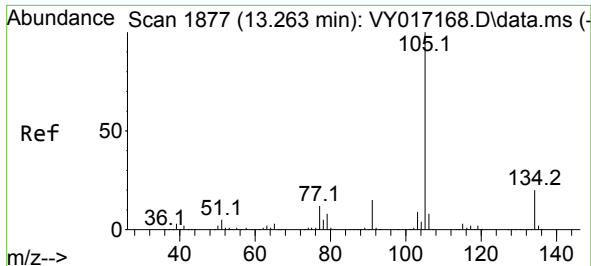
Tgt Ion:105 Resp: 94798

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3

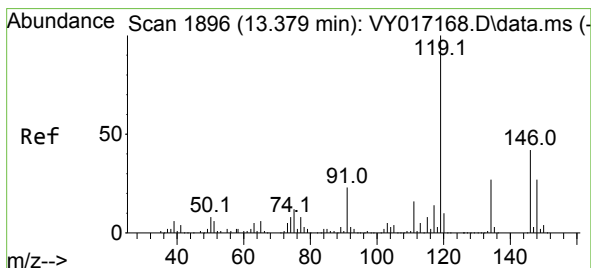
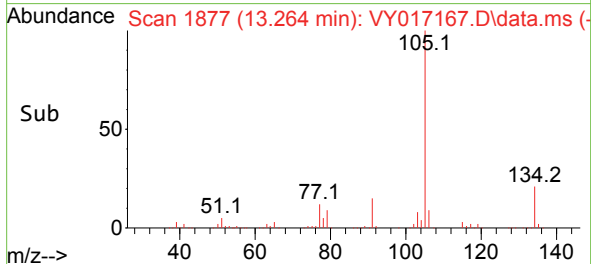
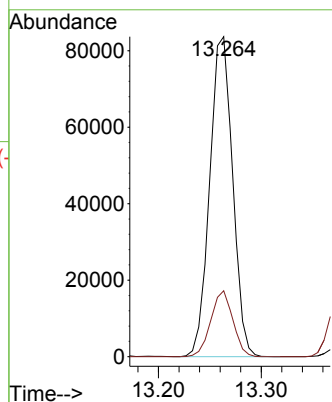
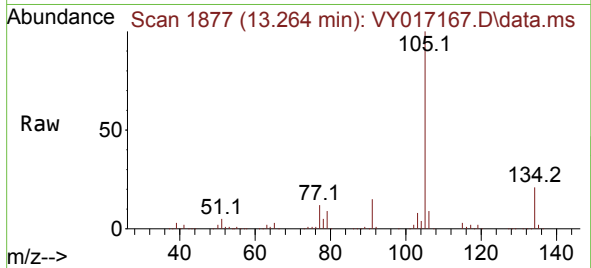




#85
 sec-Butylbenzene
 Concen: 19.846 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY017167.D
 Acq: 01 Feb 2024 14:24

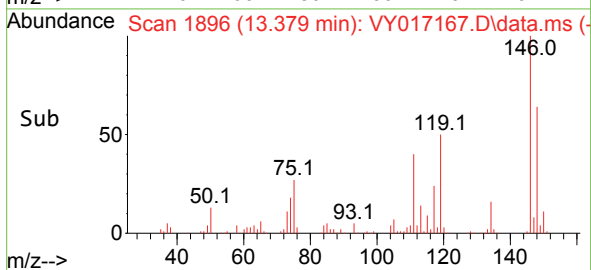
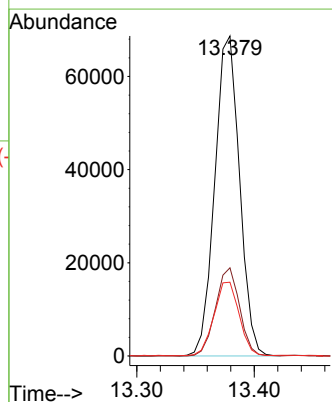
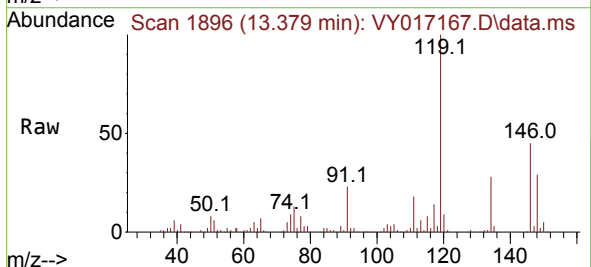
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

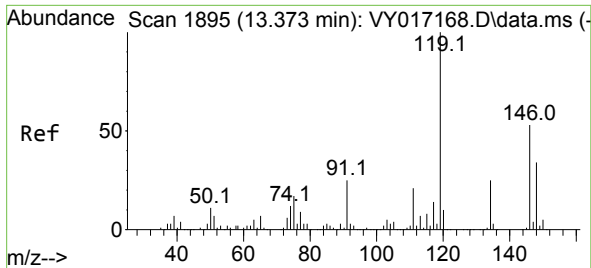
Tgt Ion:105 Resp: 129558
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.308 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY017167.D
 Acq: 01 Feb 2024 14:24

Tgt Ion:119 Resp: 100722
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 23.3 11.7 35.0

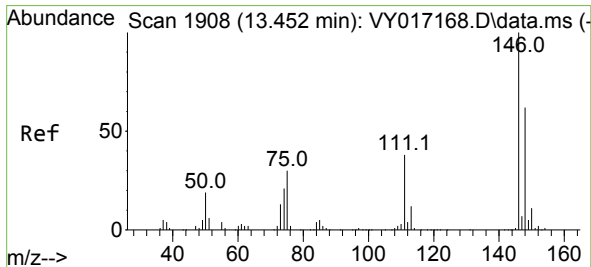
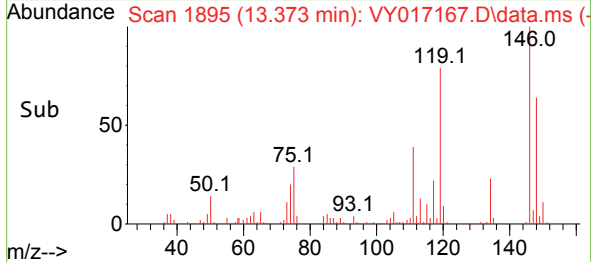
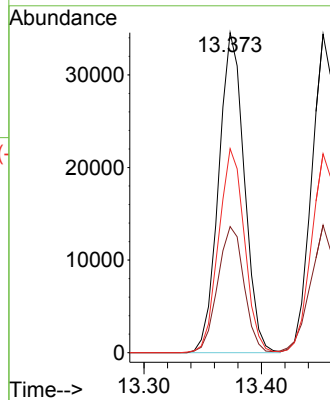
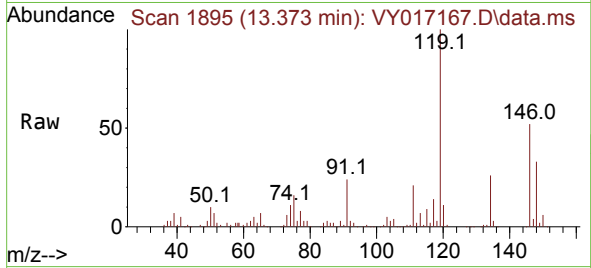




#87
1,3-Dichlorobenzene
Concen: 19.335 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

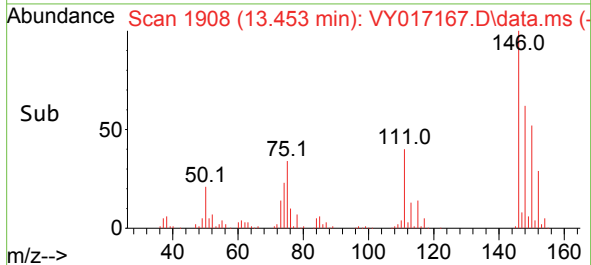
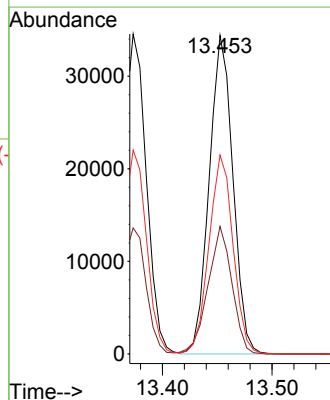
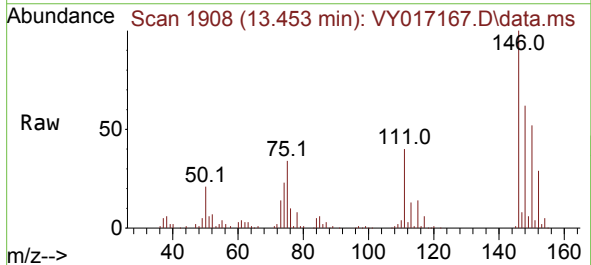
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

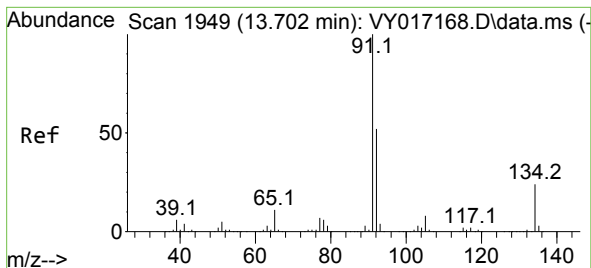
Tgt Ion:146 Resp: 52420
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.5
148 64.4 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.642 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion:146 Resp: 51734
Ion Ratio Lower Upper
146 100
111 40.5 19.3 57.9
148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 19.561 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

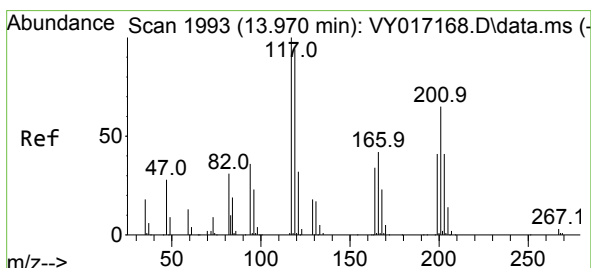
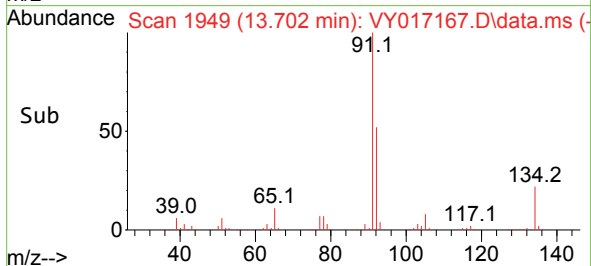
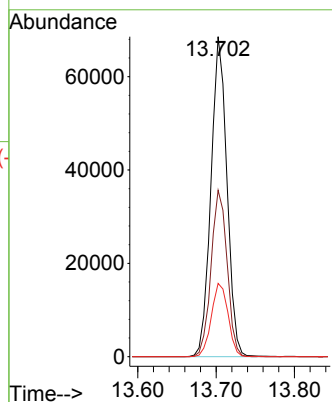
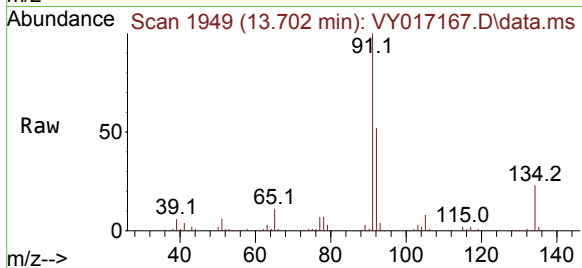
Tgt Ion: 91 Resp: 97022

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 23.9 12.3 36.8



#90

Hexachloroethane

Concen: 19.111 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017167.D

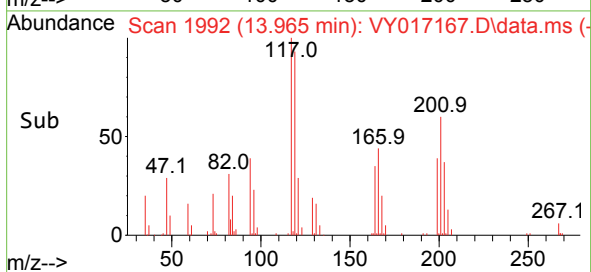
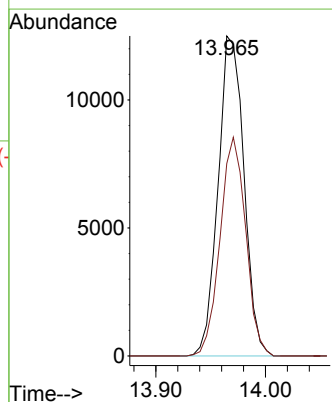
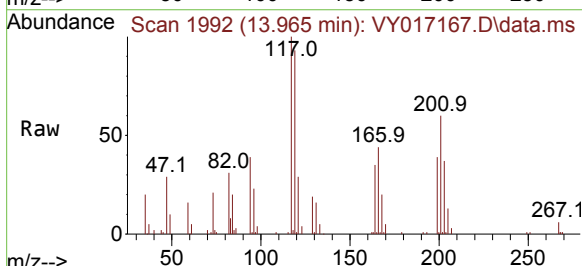
Acq: 01 Feb 2024 14:24

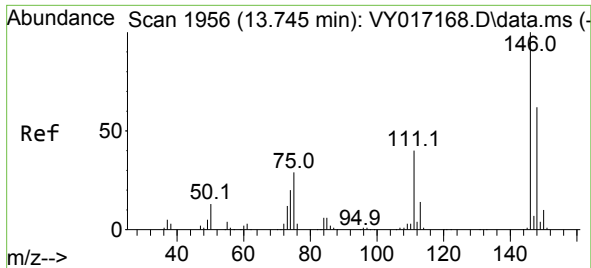
Tgt Ion: 117 Resp: 20467

Ion Ratio Lower Upper

117 100

201 67.9 33.4 100.1

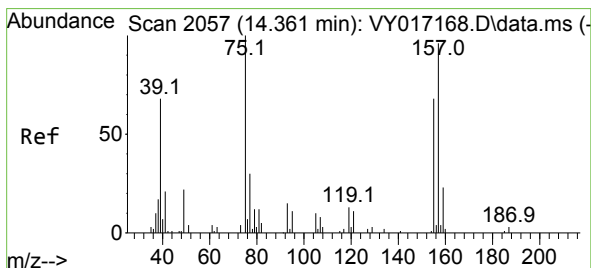
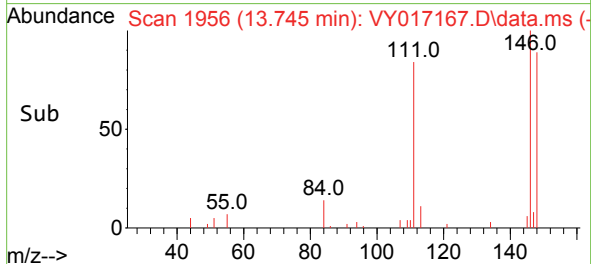
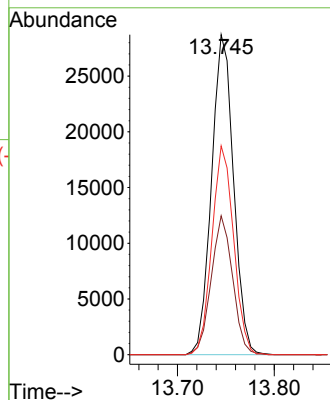
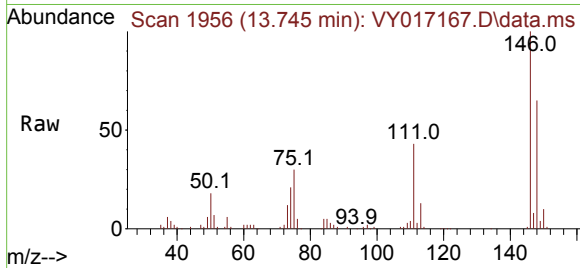




#91
1,2-Dichlorobenzene
Concen: 19.658 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

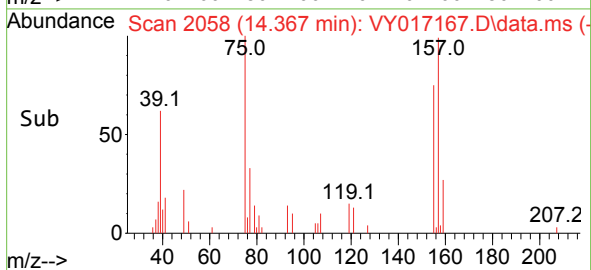
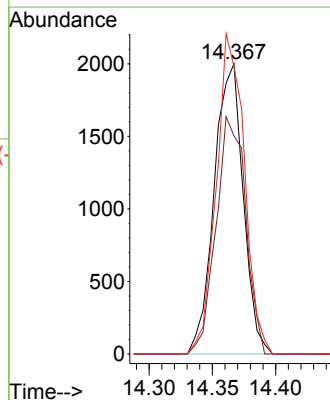
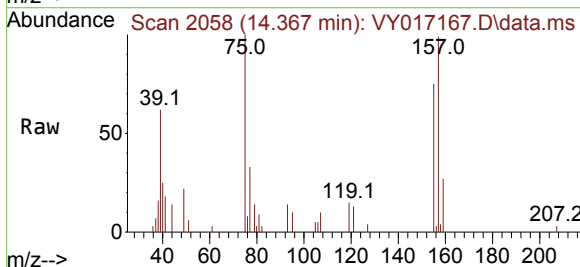
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

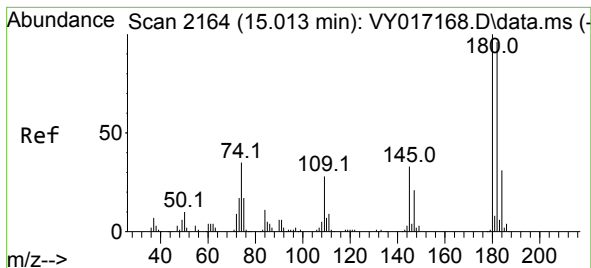
Tgt Ion:	146	Resp:	45369
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.6
148	64.3	31.4	94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.291 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017167.D
Acq: 01 Feb 2024 14:24

Tgt Ion:	75	Resp:	3185
Ion	Ratio	Lower	Upper
75	100		
155	83.3	42.1	126.3
157	106.8	55.8	167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.529 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

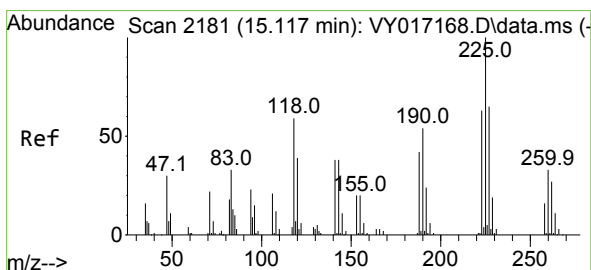
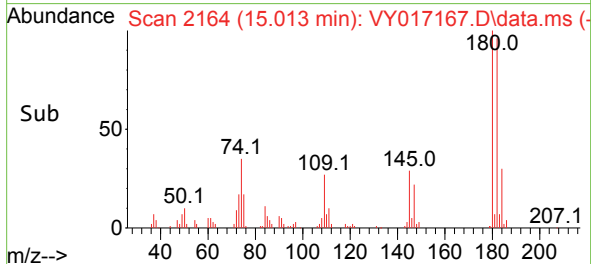
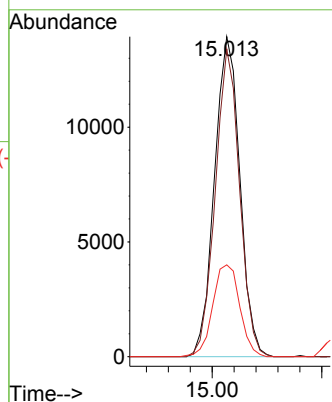
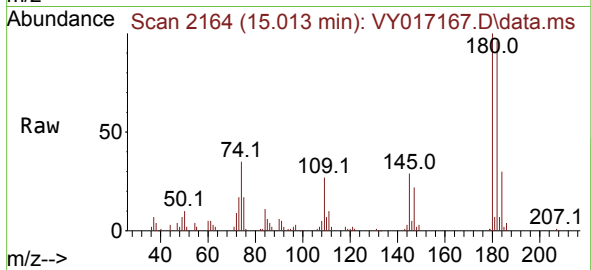
Tgt Ion:180 Resp: 22388

Ion Ratio Lower Upper

180 100

182 92.2 47.9 143.7

145 30.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.716 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

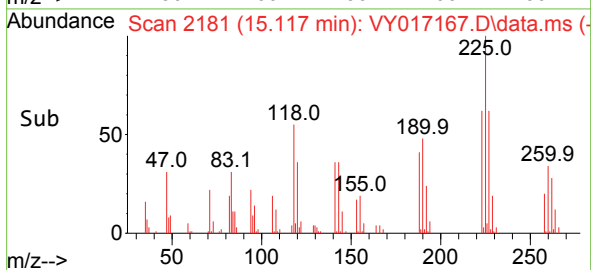
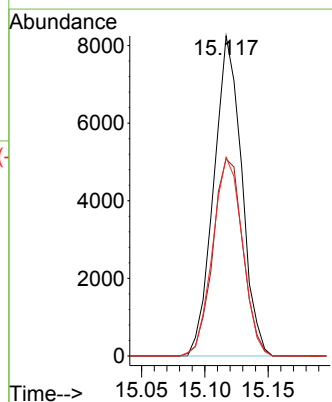
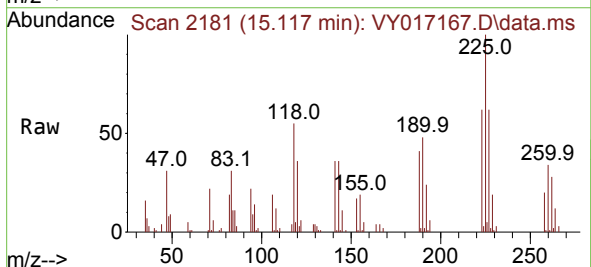
Tgt Ion:225 Resp: 12637

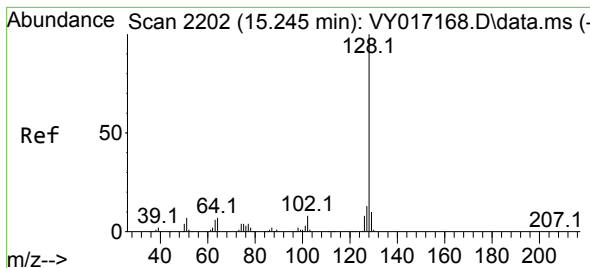
Ion Ratio Lower Upper

225 100

223 66.3 31.4 94.3

227 66.1 32.3 96.8





#95

Naphthalene

Concen: 19.707 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

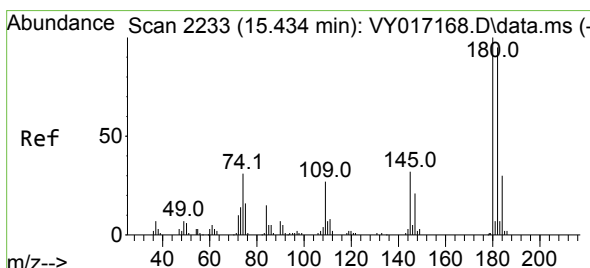
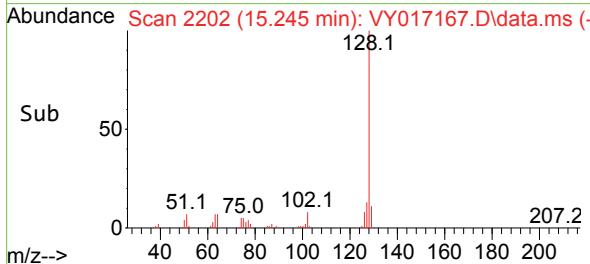
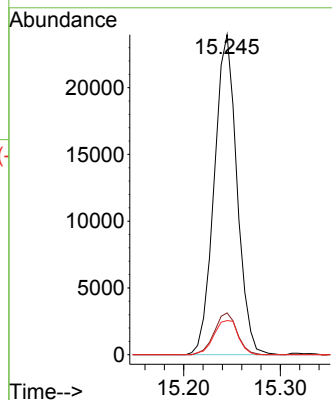
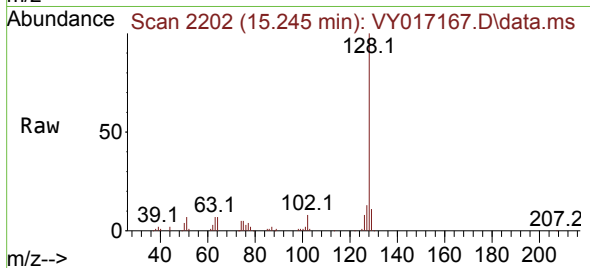
Tgt Ion:128 Resp: 39125

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.402 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017167.D

Acq: 01 Feb 2024 14:24

Tgt Ion:180 Resp: 18917

Ion Ratio Lower Upper

180 100

182 94.5 46.3 138.8

145 31.7 16.1 48.2

