

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017468.D
 Acq On : 23 Feb 2024 16:47
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 24 04:48:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	154930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	217536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15846	10.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.580%#
35) Dibromofluoromethane	7.716	113	18613	10.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.340%#
50) Toluene-d8	10.185	98	61995	10.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.340%#
62) 4-Bromofluorobenzene	12.489	95	18843	9.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.660%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	13601	11.901	ug/l	97
3) Chloromethane	2.113	50	24727	11.842	ug/l	98
4) Vinyl Chloride	2.247	62	31189	11.643	ug/l	97
5) Bromomethane	2.644	94	25530	11.695	ug/l	92
6) Chloroethane	2.790	64	19138	11.325	ug/l	97
7) Trichlorofluoromethane	3.119	101	30186	11.056	ug/l	95
8) Diethyl Ether	3.521	74	8831	11.028	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	17548	11.174	ug/l	98
10) Methyl Iodide	4.082	142	17287	9.808	ug/l	99
11) Tert butyl alcohol	4.942	59	7548	60.517	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	16423	11.221	ug/l	97
13) Acrolein	3.729	56	7513	45.652	ug/l	100
14) Allyl chloride	4.479	41	18984	10.735	ug/l	98
15) Acrylonitrile	5.161	53	17642	53.592	ug/l	99
16) Acetone	3.942	43	15854	55.668	ug/l	100
17) Carbon Disulfide	4.186	76	49428	11.252	ug/l	99
18) Methyl Acetate	4.473	43	7221	10.451	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	35860	10.512	ug/l	96
20) Methylene Chloride	4.716	84	24855	10.530	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	18933	11.048	ug/l	98
22) Diisopropyl ether	6.119	45	44732	10.962	ug/l	98
23) Vinyl Acetate	6.058	43	126996	52.225	ug/l	98
24) 1,1-Dichloroethane	6.015	63	31571	11.324	ug/l	98
25) 2-Butanone	6.984	43	21422	52.781	ug/l	99
26) 2,2-Dichloropropane	6.978	77	26106	11.137	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	20848	10.836	ug/l	98
28) Bromochloromethane	7.332	49	11787	10.735	ug/l	95
29) Tetrahydrofuran	7.350	42	12842	52.489	ug/l	99
30) Chloroform	7.509	83	33259	11.205	ug/l	98
31) Cyclohexane	7.783	56	26477	11.080	ug/l #	92
32) 1,1,1-Trichloroethane	7.704	97	28028	10.876	ug/l	97
36) 1,1-Dichloropropene	7.923	75	24901	10.584	ug/l	99
37) Ethyl Acetate	7.076	43	10064	10.830	ug/l	99
38) Carbon Tetrachloride	7.905	117	25064	10.629	ug/l	98
39) Methylcyclohexane	9.185	83	28961	10.243	ug/l	96
40) Benzene	8.167	78	73765	10.557	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	4031	8.644	ug/l	89
42) 1,2-Dichloroethane	8.240	62	18294	10.731	ug/l	100
43) Isopropyl Acetate	8.277	43	16372	10.026	ug/l #	84
44) Trichloroethene	8.947	130	21946	10.897	ug/l	94
45) 1,2-Dichloropropane	9.222	63	18231	10.967	ug/l	99
46) Dibromomethane	9.313	93	10120	10.637	ug/l	98
47) Bromodichloromethane	9.502	83	24582	10.642	ug/l	98
48) Methyl methacrylate	9.301	41	7455	9.863	ug/l	97
49) 1,4-Dioxane	9.295	88	2104	195.419	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	45470	49.962	ug/l	99
52) Toluene	10.252	92	46195	10.488	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	21793	10.164	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	27227	10.451	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	14446	10.695	ug/l	93
56) Ethyl methacrylate	10.514	69	14381	10.752	ug/l	98
57) 1,3-Dichloropropane	10.795	76	23004	10.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	36451	46.765	ug/l	98
59) 2-Hexanone	10.837	43	30114	48.173	ug/l	99
60) Dibromochloromethane	10.990	129	16379	10.250	ug/l	100
61) 1,2-Dibromoethane	11.093	107	12665	10.175	ug/l	98
64) Tetrachloroethene	10.727	164	23369	11.192	ug/l	97
65) Chlorobenzene	11.526	112	49212	10.658	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	17876	10.334	ug/l	100
67) Ethyl Benzene	11.599	91	81553	10.071	ug/l	99
68) m/p-Xylenes	11.709	106	64484	20.266	ug/l	99
69) o-Xylene	12.038	106	29239	9.905	ug/l	100
70) Styrene	12.050	104	48642	9.927	ug/l	97
71) Bromoform	12.215	173	9767	10.189	ug/l #	98
73) Isopropylbenzene	12.337	105	77339	10.456	ug/l	99
74) N-amyl acetate	12.148	43	12689	9.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	13472	10.607	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17896	18.919	ug/l #	100
77) Bromobenzene	12.617	156	18751	10.468	ug/l	98
78) n-propylbenzene	12.678	91	93402	10.524	ug/l	99
79) 2-Chlorotoluene	12.764	91	53400	10.747	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	61333	10.350	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	4279	10.394	ug/l	97
82) 4-Chlorotoluene	12.861	91	55006	10.823	ug/l	99
83) tert-Butylbenzene	13.081	119	52782	10.144	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	59867	10.233	ug/l	99
85) sec-Butylbenzene	13.258	105	84079	10.569	ug/l	100
86) p-Isopropyltoluene	13.373	119	66052	10.142	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	37182	10.342	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	37086	10.610	ug/l	97
89) n-Butylbenzene	13.703	91	60522	10.186	ug/l	99
90) Hexachloroethane	13.965	117	13868	10.622	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	31576	10.383	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1916	10.730	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	15888	9.891	ug/l	99
94) Hexachlorobutadiene	15.117	225	10912	11.003	ug/l	98
95) Naphthalene	15.245	128	24125	11.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	13880	10.072	ug/l	98

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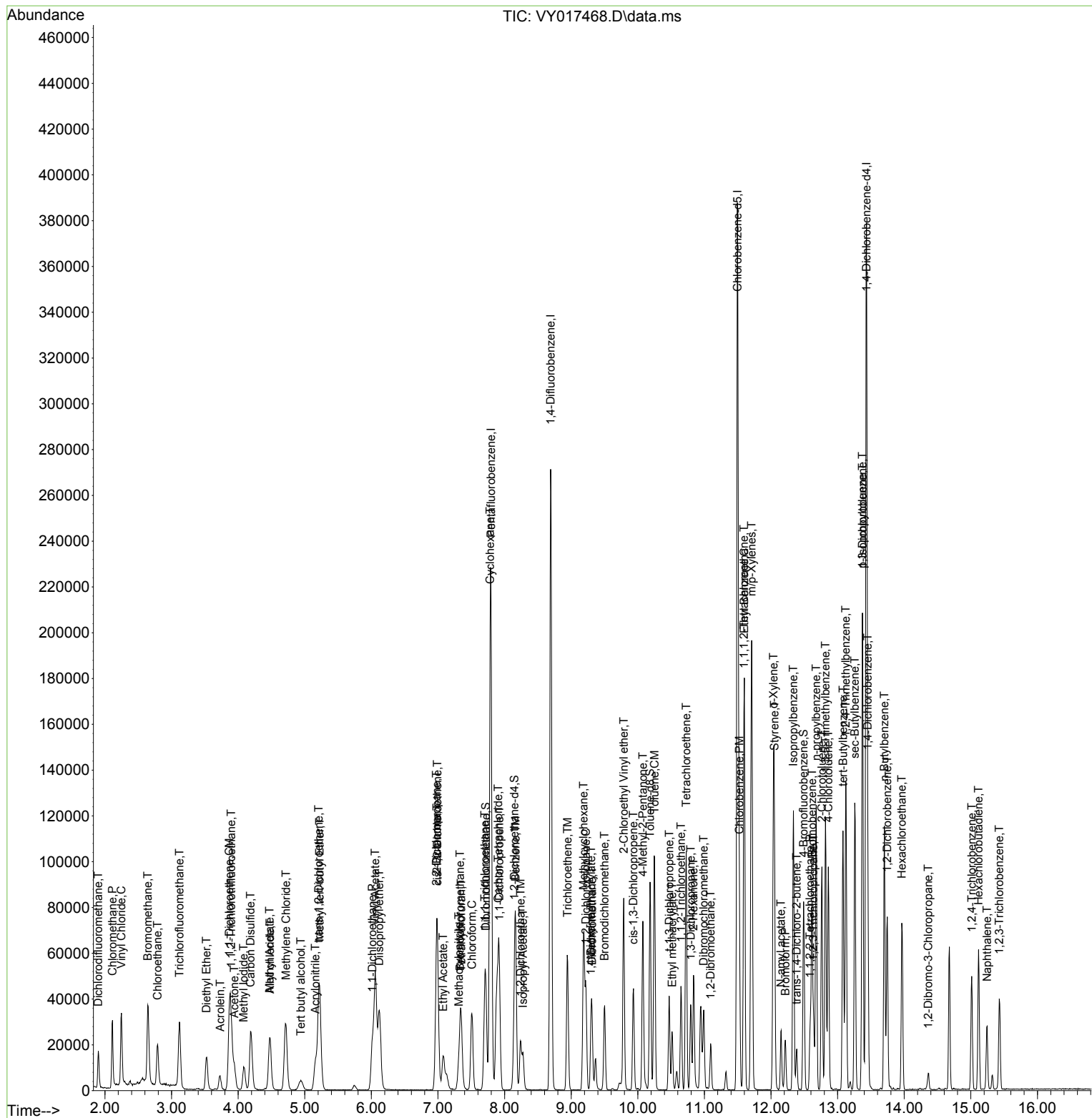
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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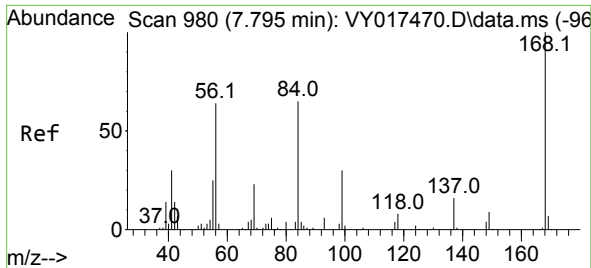
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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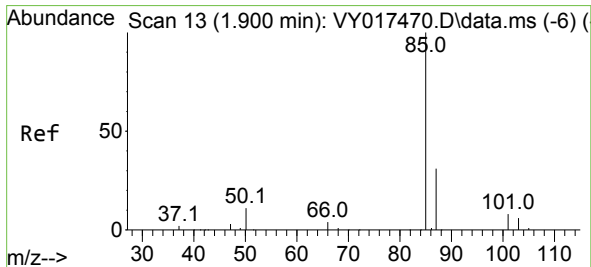
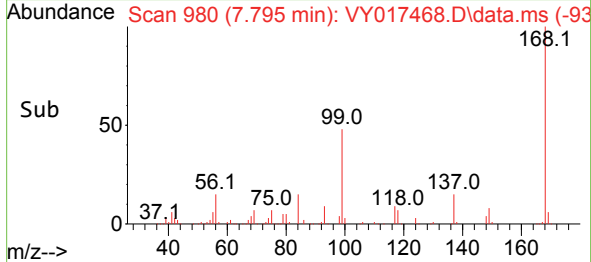
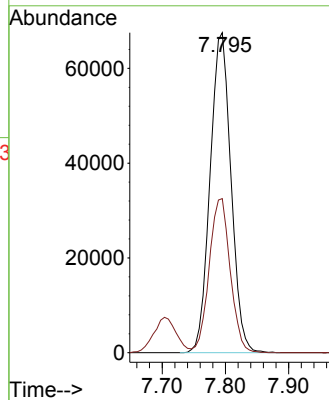
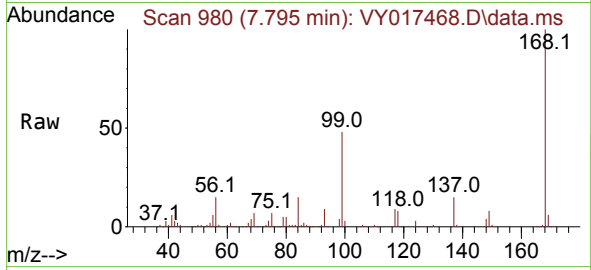




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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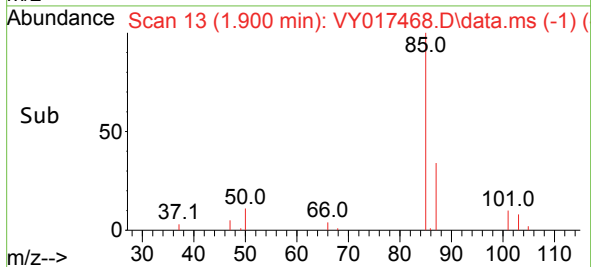
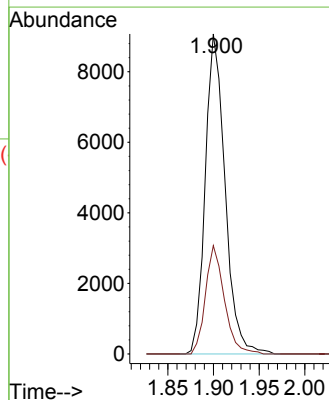
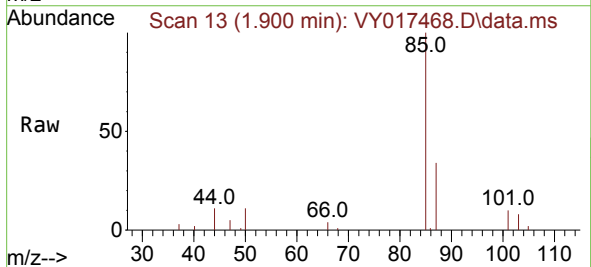
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

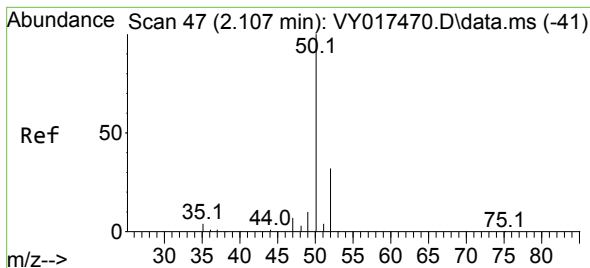
Tgt Ion:168 Resp: 154930
Ion Ratio Lower Upper
168 100
99 48.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 11.901 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 85 Resp: 13601
Ion Ratio Lower Upper
85 100
87 33.9 16.0 48.0





#3

Chloromethane

Concen: 11.842 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

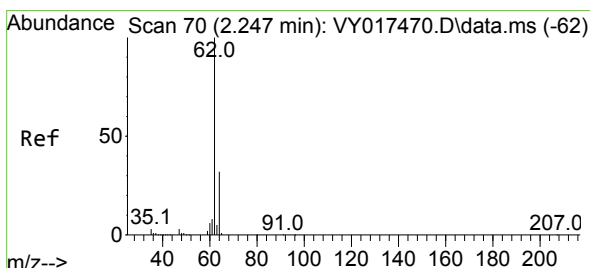
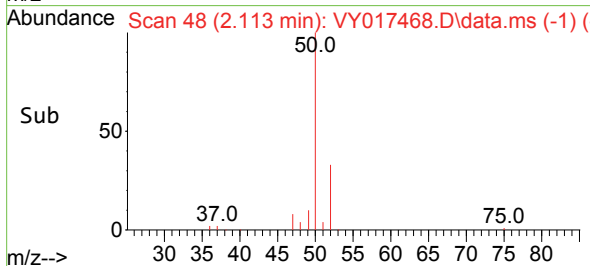
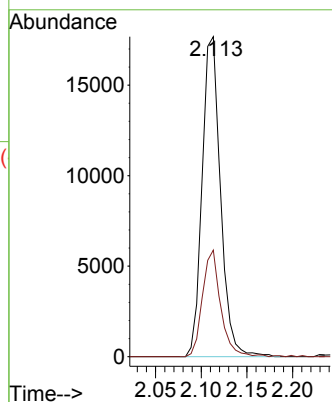
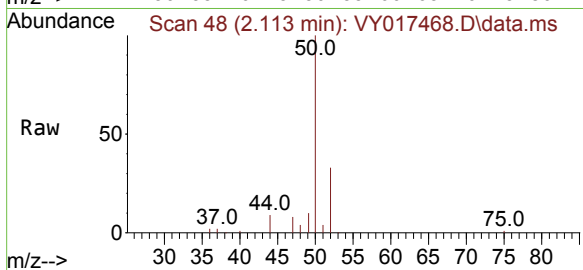
VSTDIC010

Tgt Ion: 50 Resp: 24727

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 11.643 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017468.D

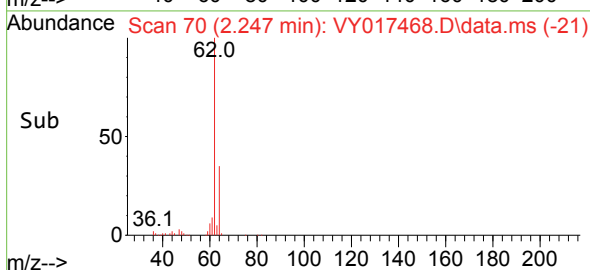
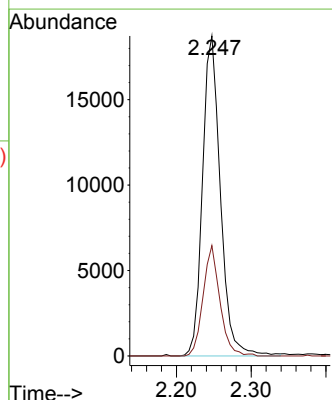
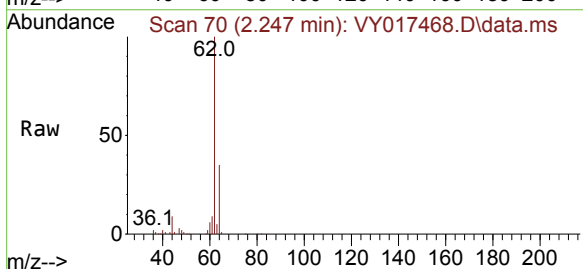
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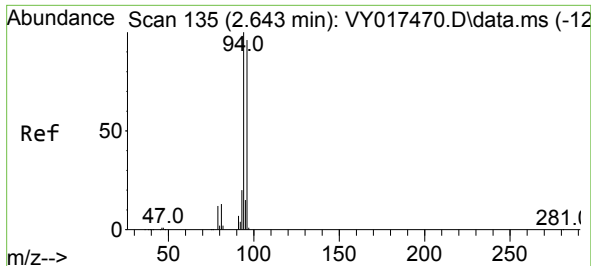
Tgt Ion: 62 Resp: 31189

Ion Ratio Lower Upper

62 100

64 34.5 26.1 39.1

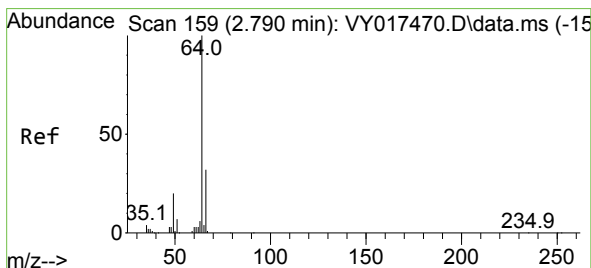
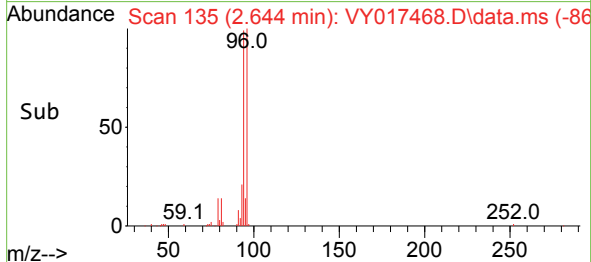
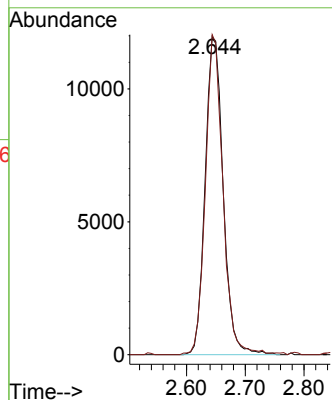
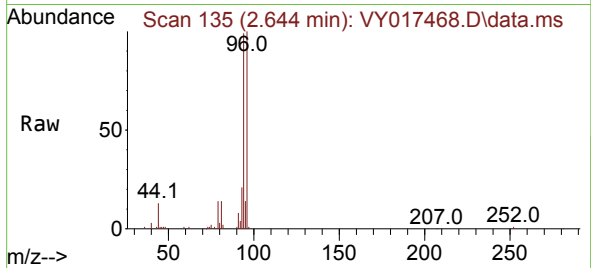




#5
Bromomethane
Concen: 11.695 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017468.D
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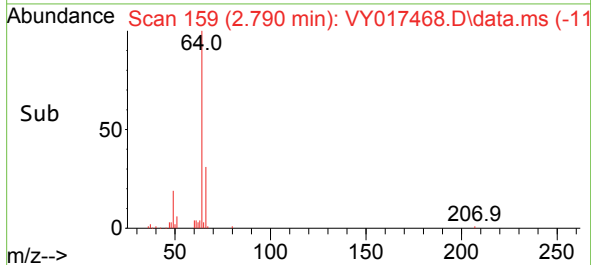
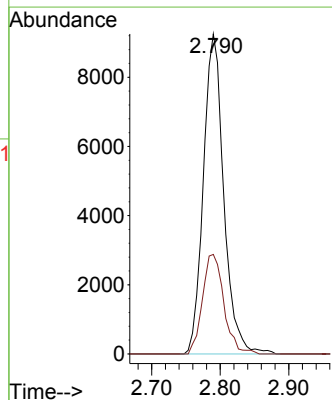
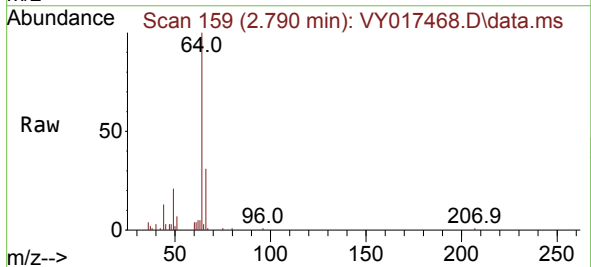
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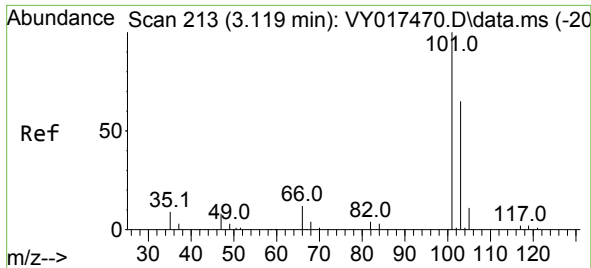
Tgt Ion: 94 Resp: 25530
Ion Ratio Lower Upper
94 100
96 100.6 74.1 111.1



#6
Chloroethane
Concen: 11.325 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 64 Resp: 19138
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1

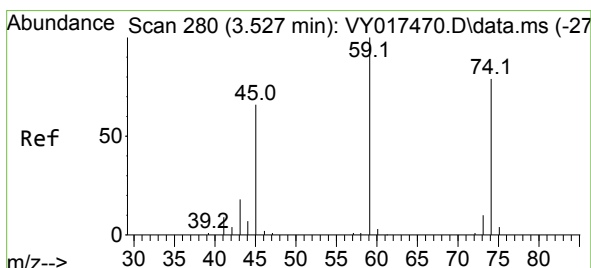
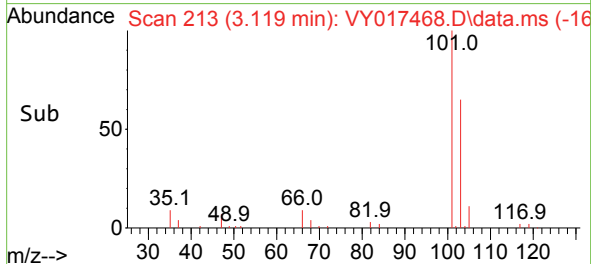
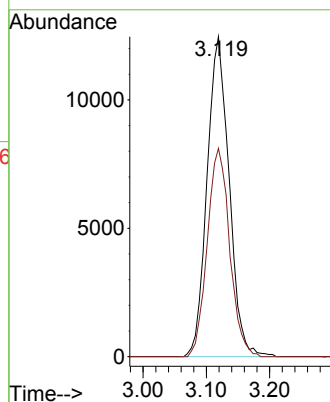
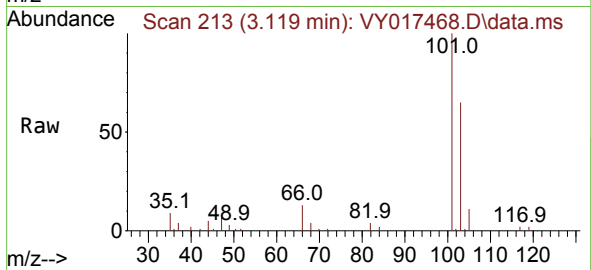




#7
 Trichlorofluoromethane
 Concen: 11.056 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017468.D
 Acq: 23 Feb 2024 16:47

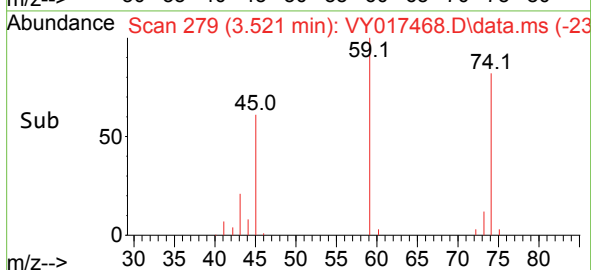
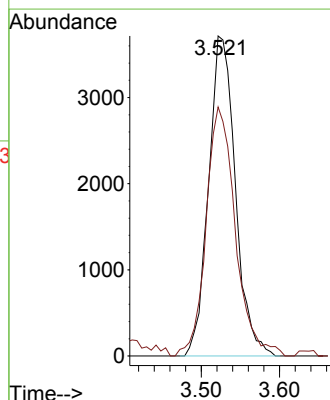
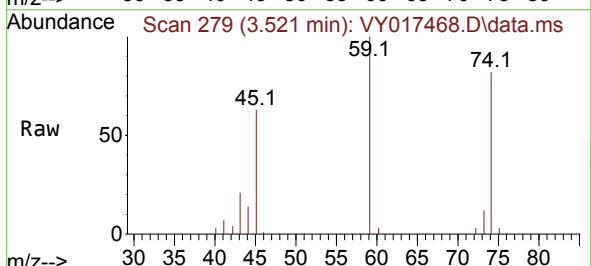
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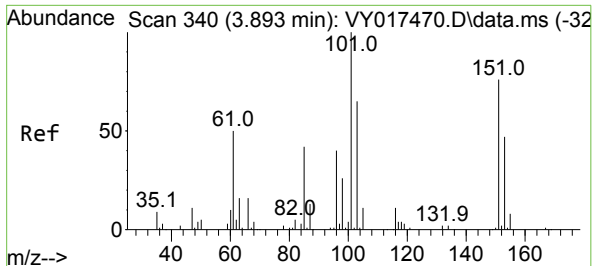
Tgt Ion:101 Resp: 30186
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 11.028 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017468.D
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Tgt Ion: 74 Resp: 8831
 Ion Ratio Lower Upper
 74 100
 45 84.9 41.3 124.1

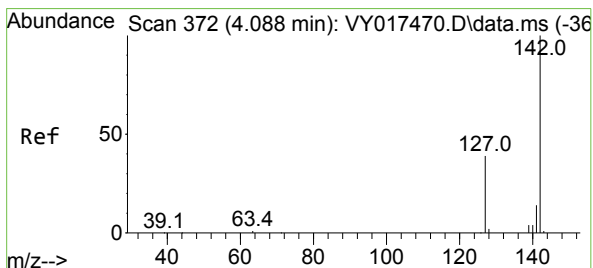
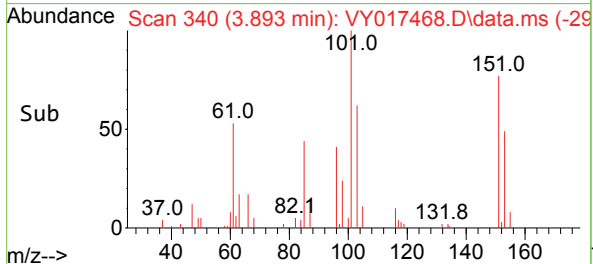
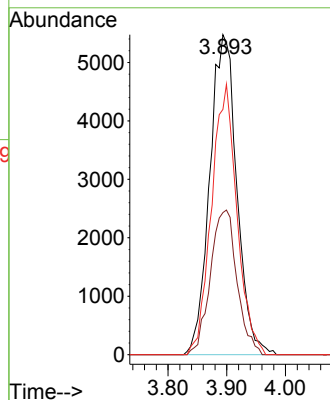
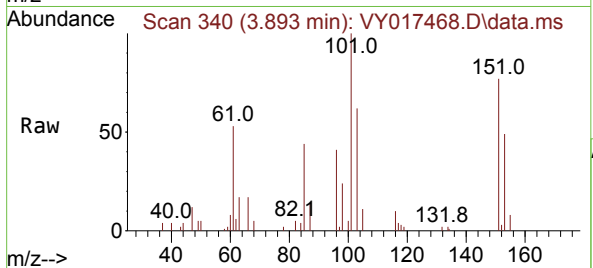




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.174 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

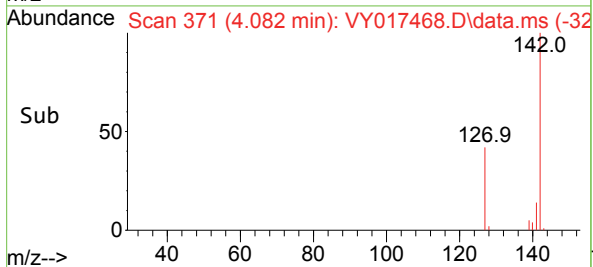
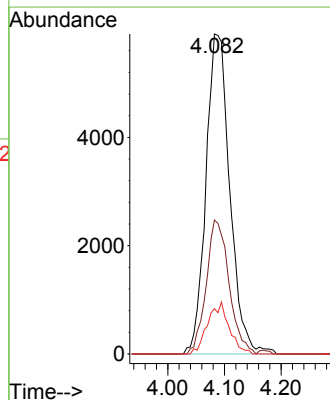
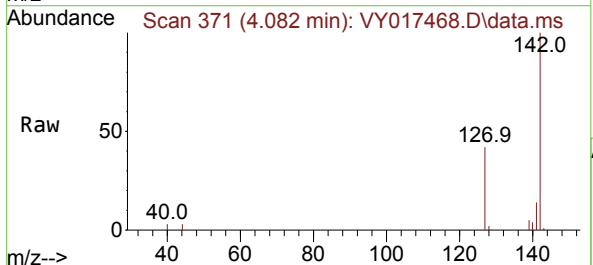
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

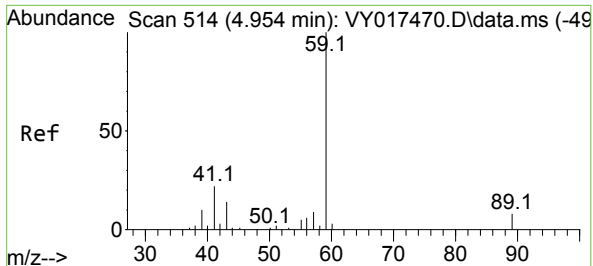
Tgt Ion:	101	Resp:	17548
Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.5	51.7
151	79.4	61.7	92.5



#10
Methyl Iodide
Concen: 9.808 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion:	142	Resp:	17287
Ion	Ratio	Lower	Upper
142	100		
127	40.0	32.8	49.2
141	14.6	11.4	17.2

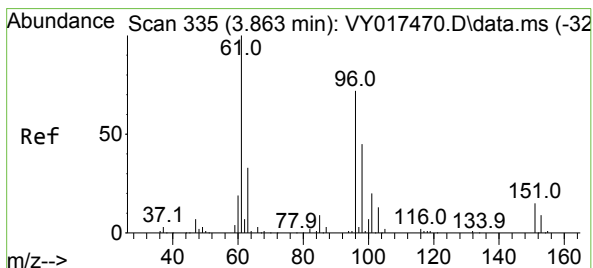
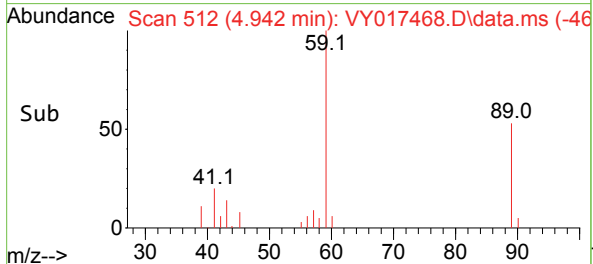
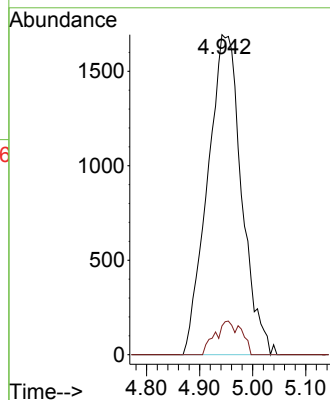
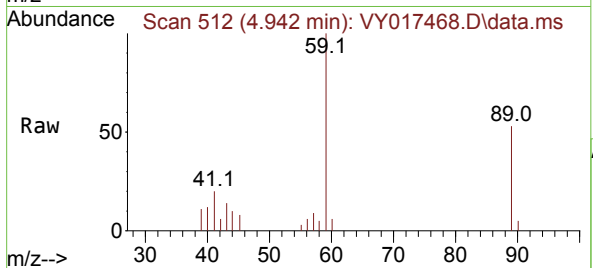




#11
Tert butyl alcohol
Concen: 60.517 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

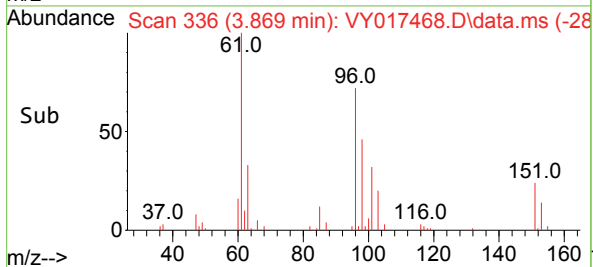
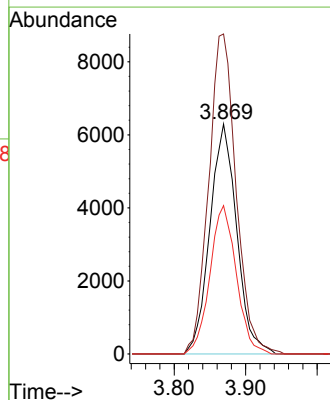
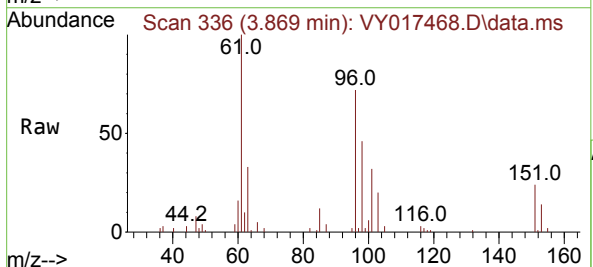
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

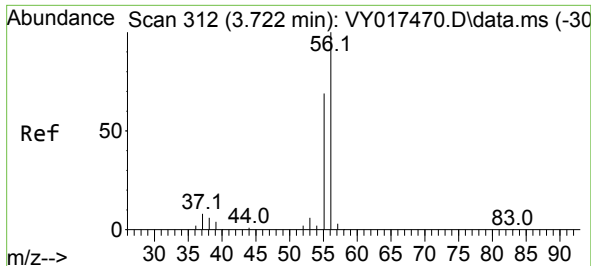
Tgt Ion: 59 Resp: 7548
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 11.221 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 96 Resp: 16423
Ion Ratio Lower Upper
96 100
61 139.2 114.6 171.8
98 64.5 50.8 76.2

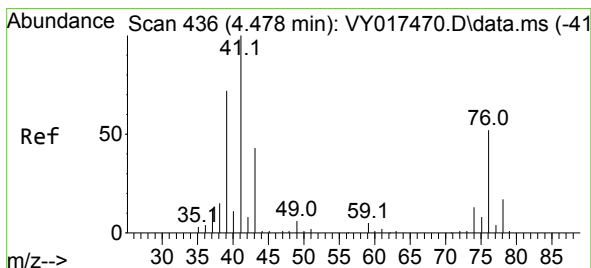
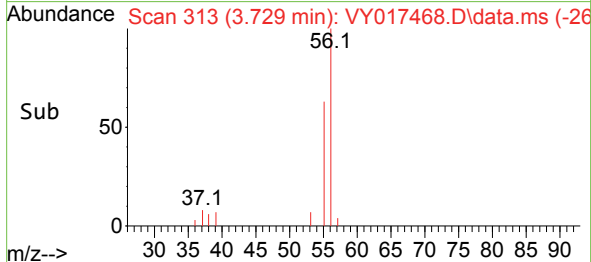
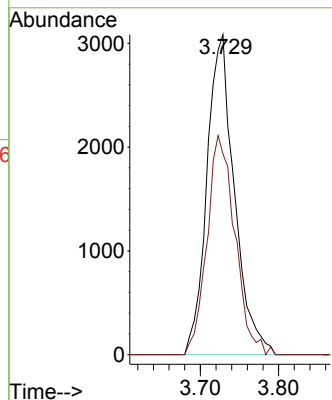
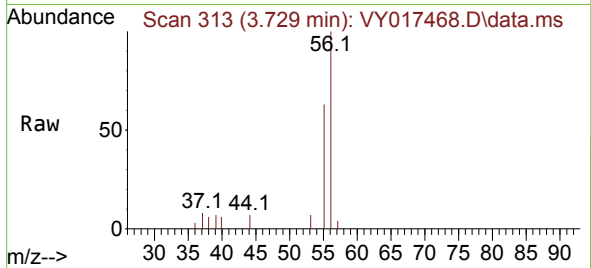




#13
Acrolein
Concen: 45.652 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

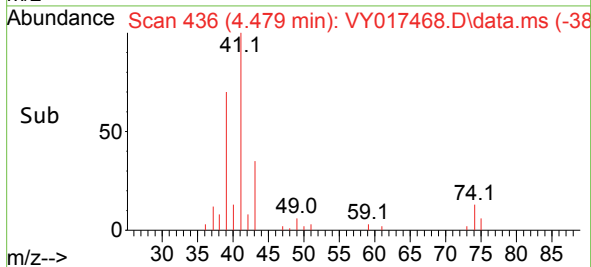
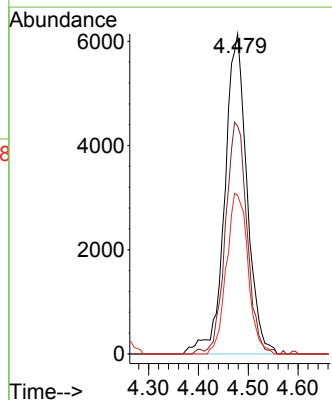
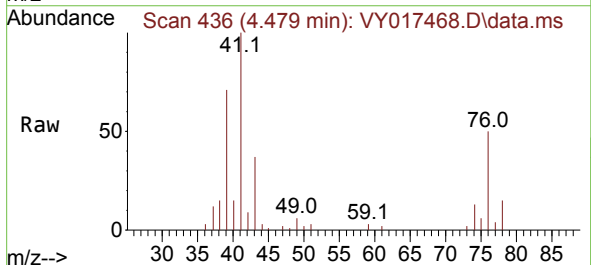
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

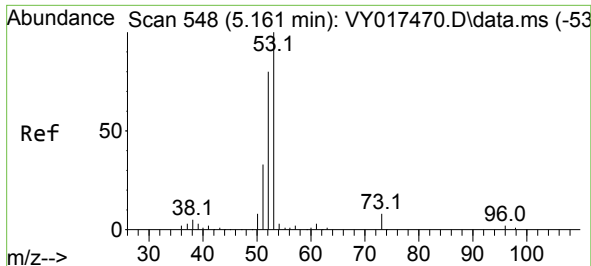
Tgt Ion: 56 Resp: 7513
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5



#14
Allyl chloride
Concen: 10.735 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 41 Resp: 18984
Ion Ratio Lower Upper
41 100
39 69.9 58.3 87.5
76 48.7 39.0 58.6

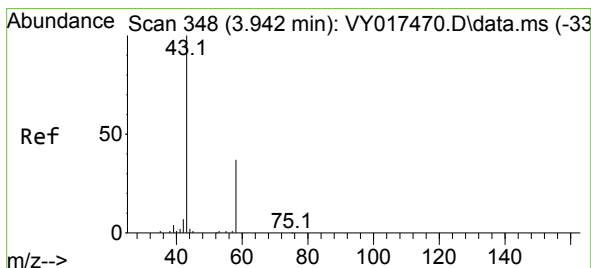
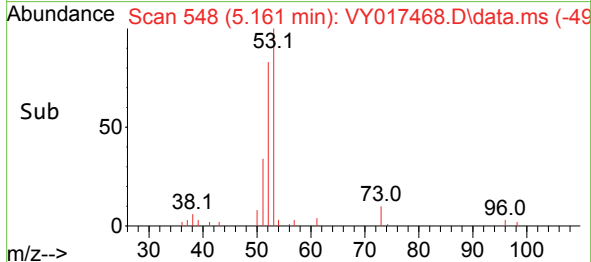
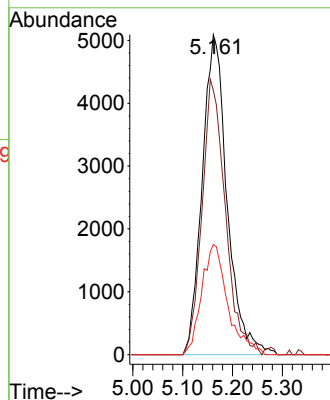
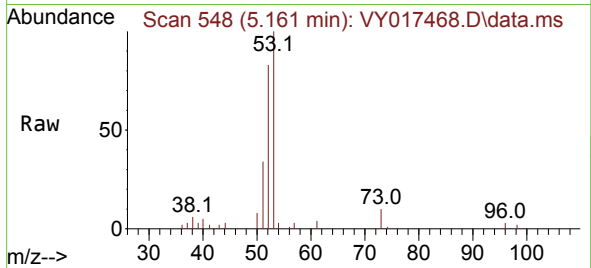




#15
Acrylonitrile
Concen: 53.592 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

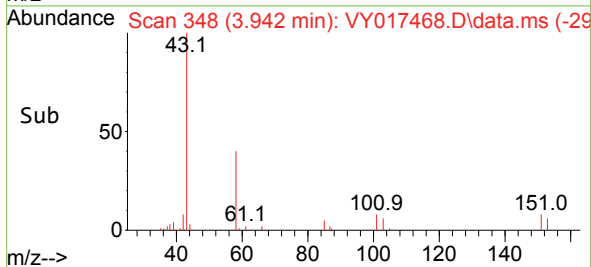
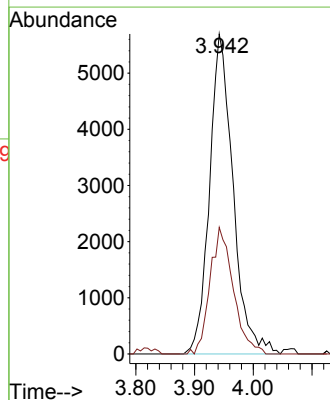
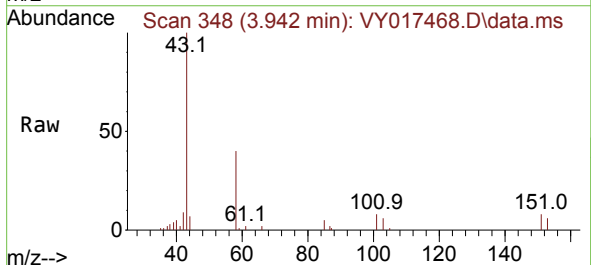
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

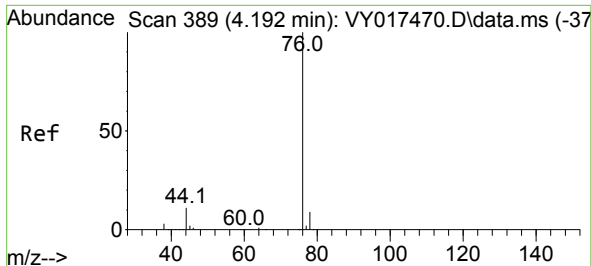
Tgt Ion: 53	Resp: 17642
Ion Ratio	Lower Upper
53 100	
52 80.5	64.7 97.1
51 36.1	28.4 42.6



#16
Acetone
Concen: 55.668 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 43	Resp: 15854
Ion Ratio	Lower Upper
43 100	
58 39.5	31.7 47.5

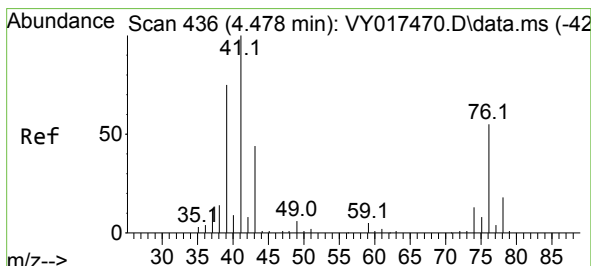
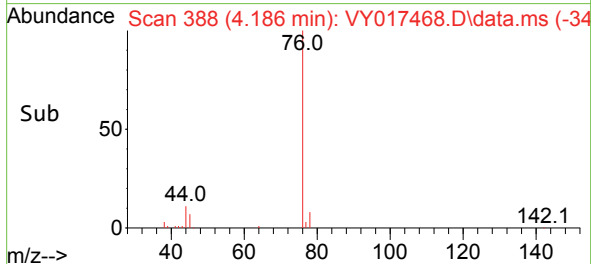
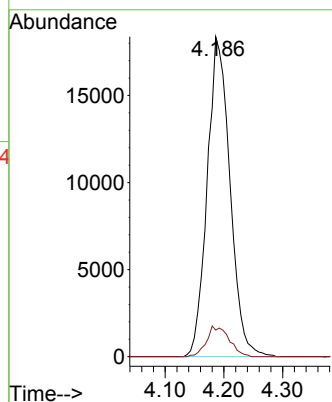
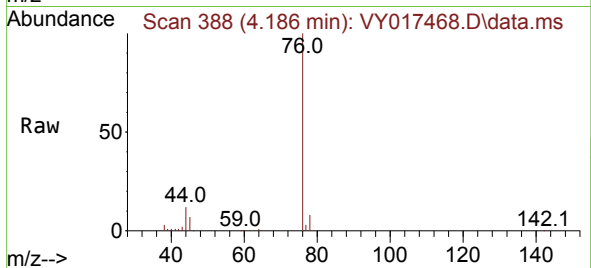




#17
Carbon Disulfide
Concen: 11.252 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

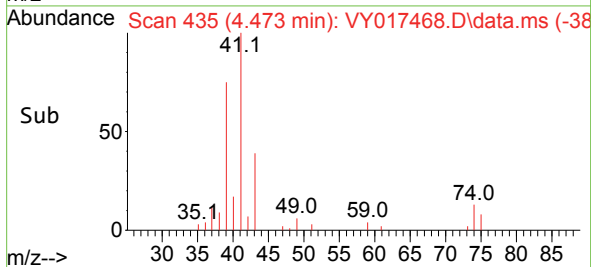
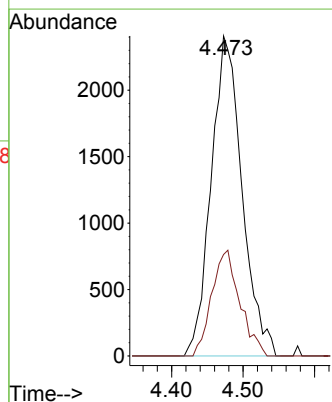
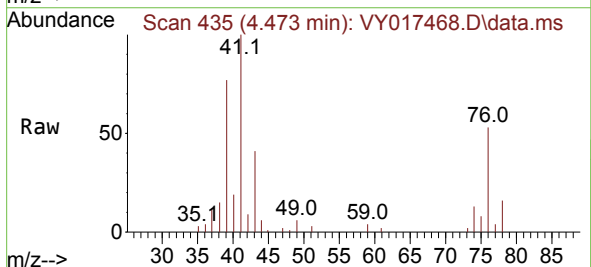
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

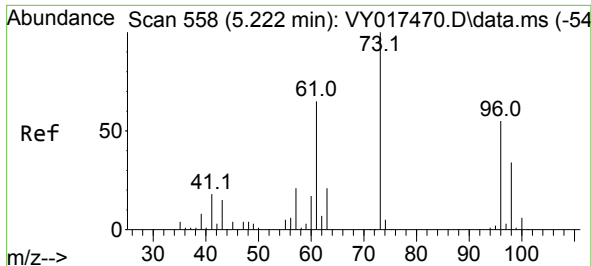
Tgt Ion: 76 Resp: 49428
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 10.451 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 43 Resp: 7221
Ion Ratio Lower Upper
43 100
74 30.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 10.512 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

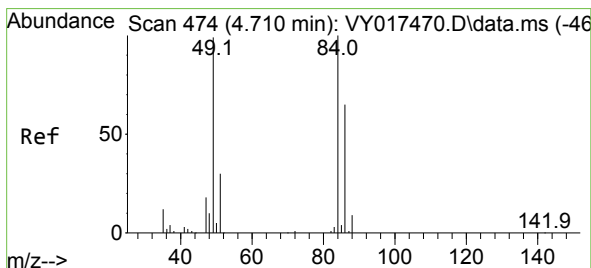
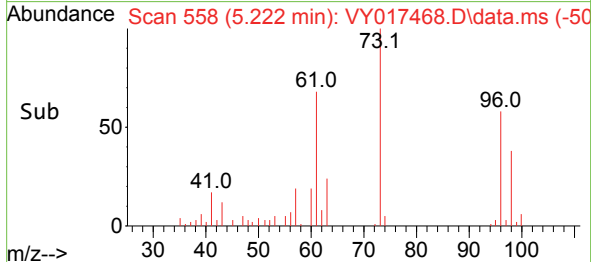
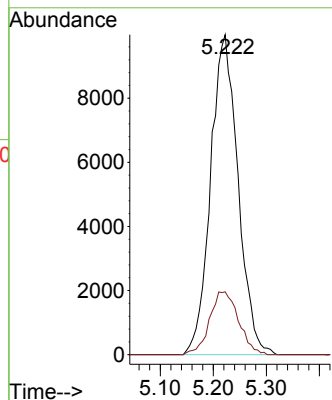
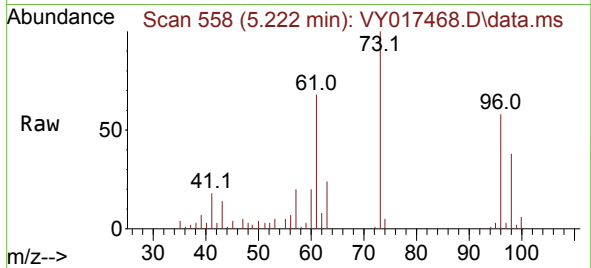
VSTDIC010

Tgt Ion: 73 Resp: 35860

Ion Ratio Lower Upper

73 100

57 19.7 17.3 25.9



#20

Methylene Chloride

Concen: 10.530 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Tgt Ion: 84 Resp: 24855

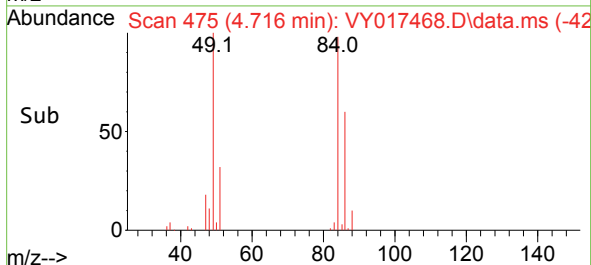
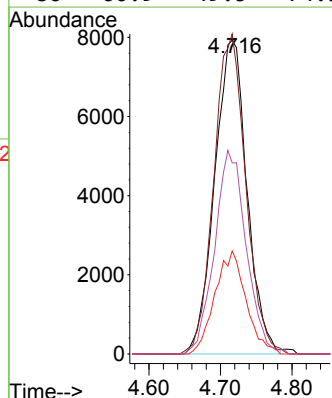
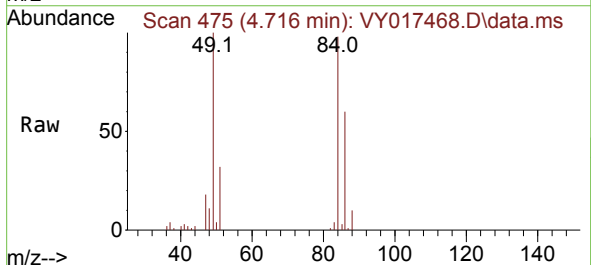
Ion Ratio Lower Upper

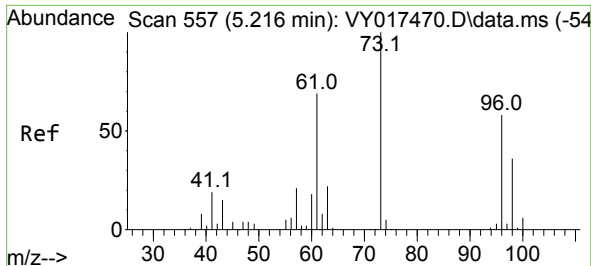
84 100

49 102.0 84.4 126.6

51 32.9 26.0 39.0

86 60.9 49.5 74.3

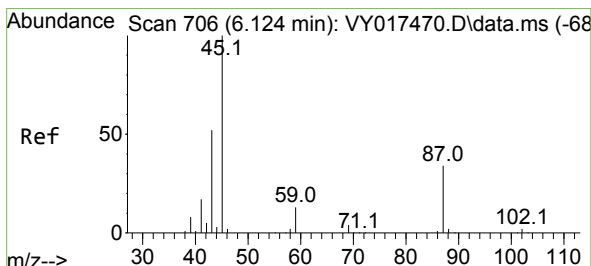
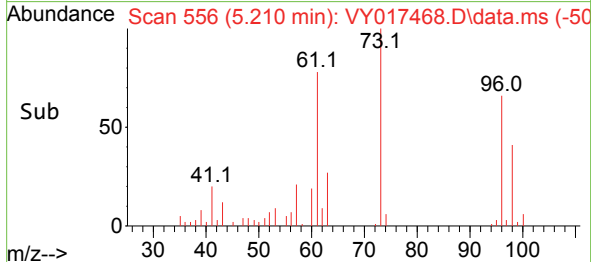
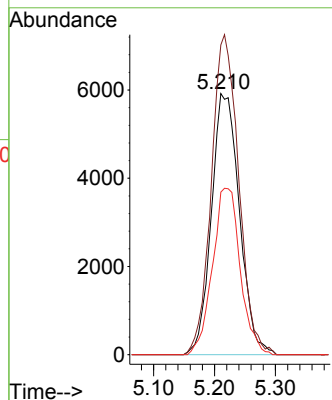
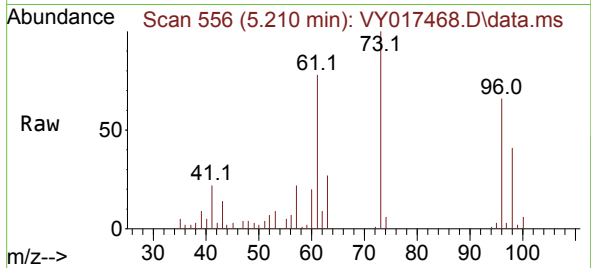




#21
trans-1,2-Dichloroethene
Concen: 11.048 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

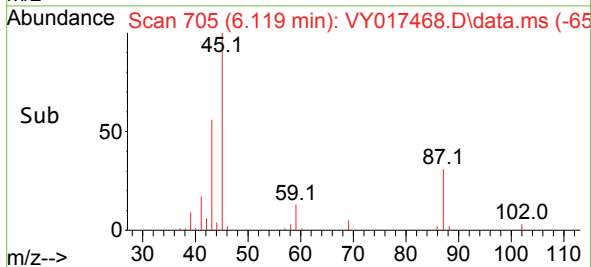
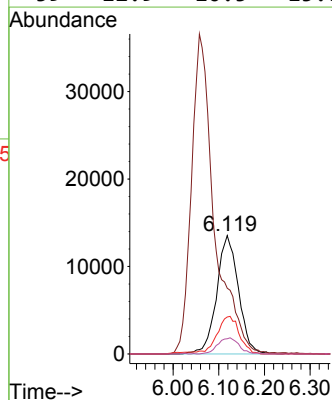
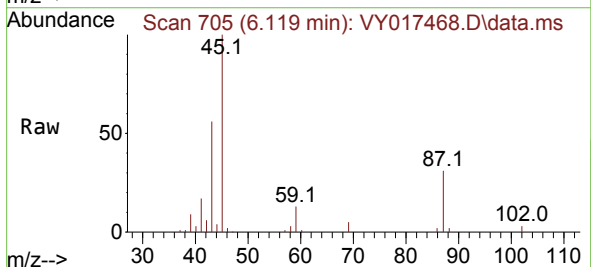
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

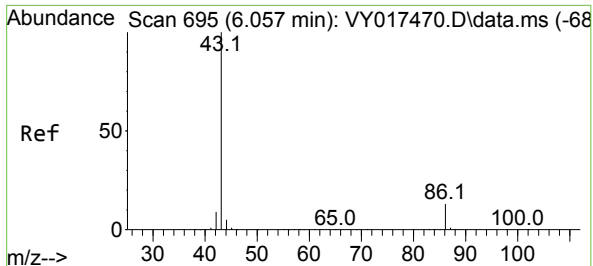
Tgt Ion: 96 Resp: 18933
Ion Ratio Lower Upper
96 100
61 118.6 97.5 146.3
98 62.2 50.5 75.7



#22
Diisopropyl ether
Concen: 10.962 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 45 Resp: 44732
Ion Ratio Lower Upper
45 100
43 54.6 42.2 63.2
87 31.2 25.0 37.6
59 12.9 10.5 15.7

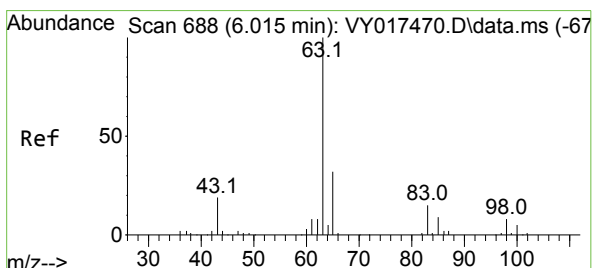
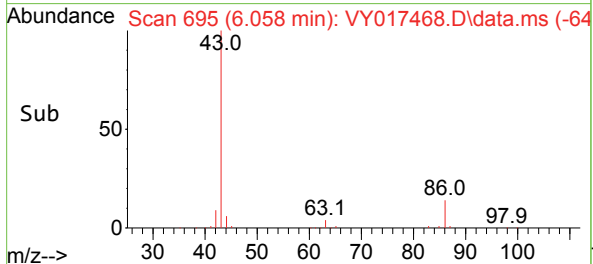
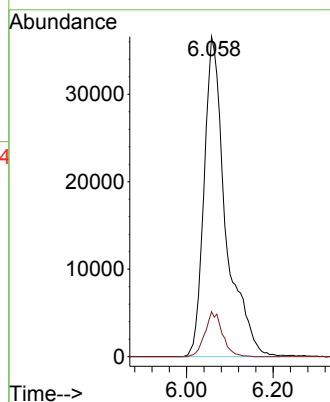
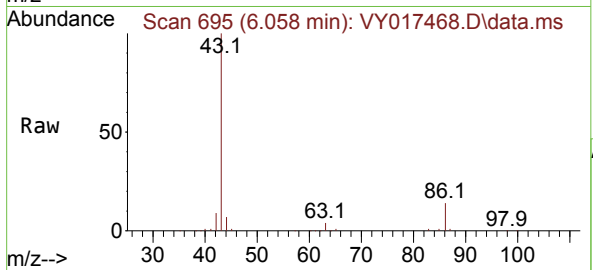




#23
 Vinyl Acetate
 Concen: 52.225 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017468.D
 Acq: 23 Feb 2024 16:47

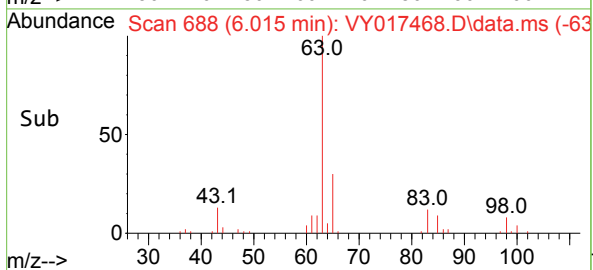
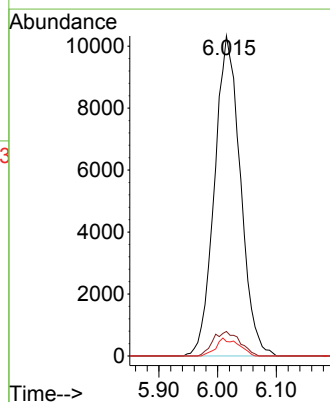
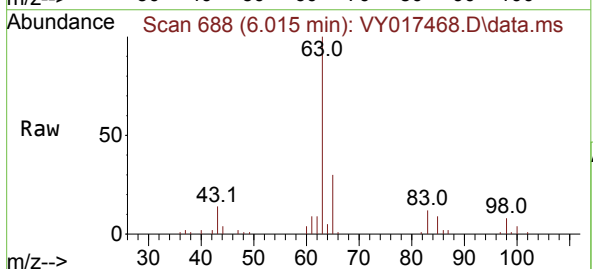
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

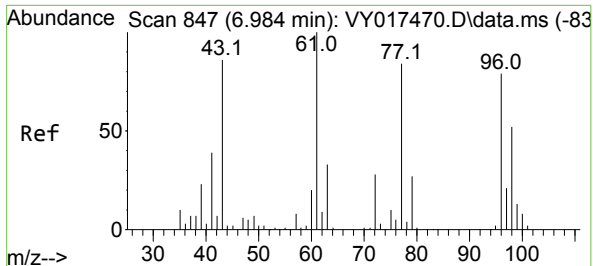
Tgt Ion: 43 Resp: 126996
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 11.324 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017468.D
 Acq: 23 Feb 2024 16:47

Tgt Ion: 63 Resp: 31571
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 52.781 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

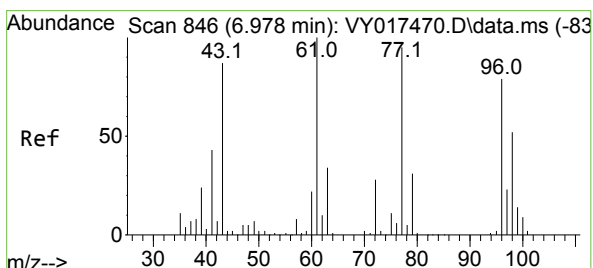
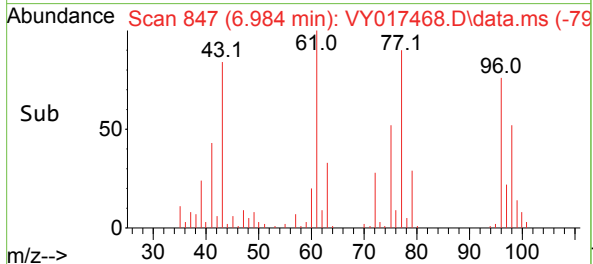
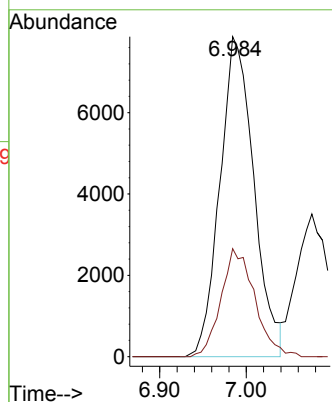
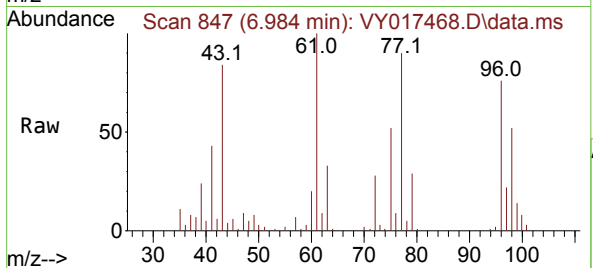
VSTDIC010

Tgt Ion: 43 Resp: 21422

Ion Ratio Lower Upper

43 100

72 33.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 11.137 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017468.D

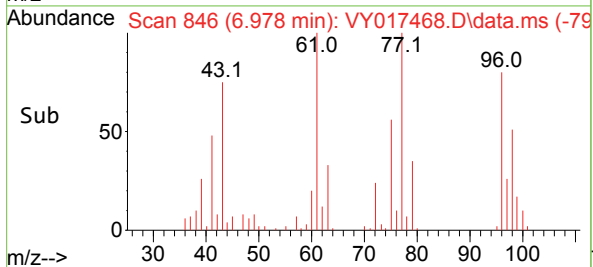
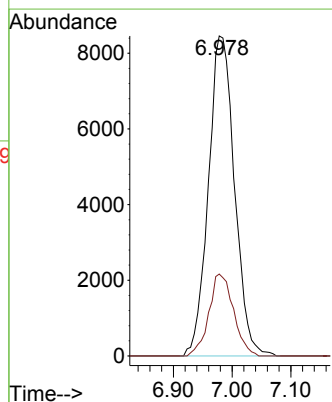
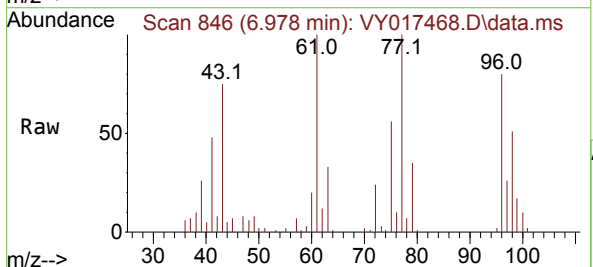
Acq: 23 Feb 2024 16:47

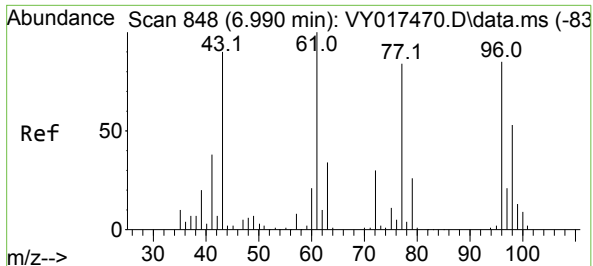
Tgt Ion: 77 Resp: 26106

Ion Ratio Lower Upper

77 100

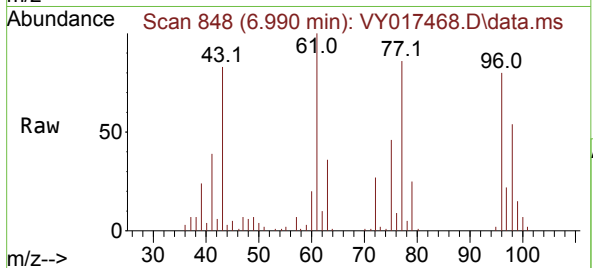
97 24.2 12.0 36.1



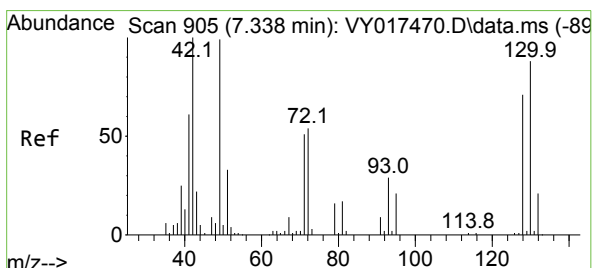
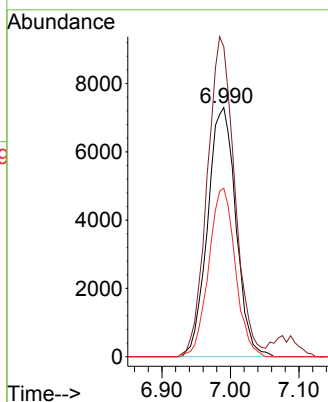
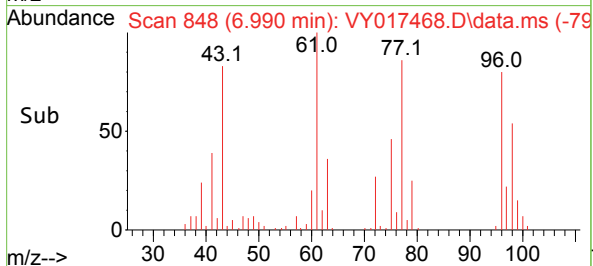


#27
cis-1,2-Dichloroethene
Concen: 10.836 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

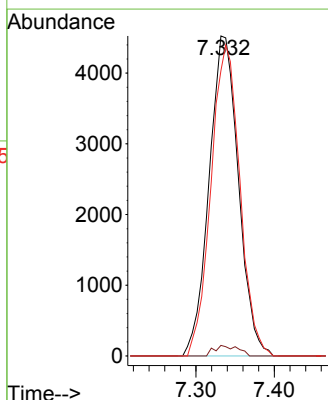
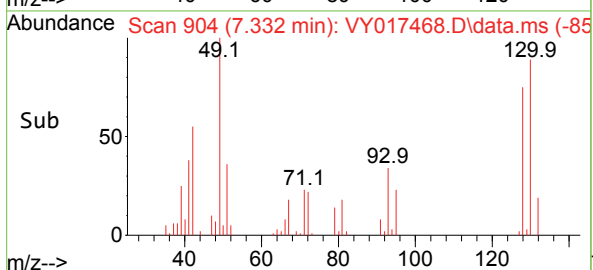
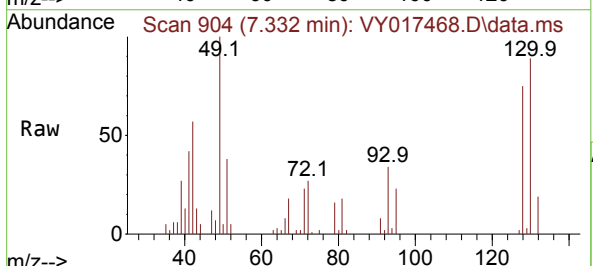


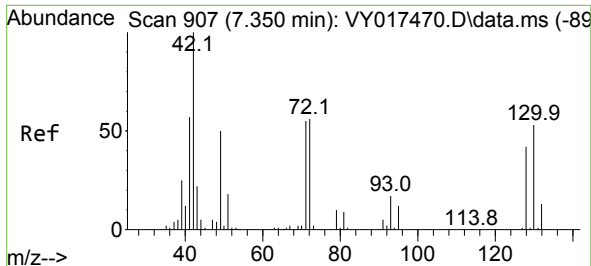
Tgt Ion:	96	Resp:	20848
Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	256.2
98	63.7	0.0	130.0



#28
Bromochloromethane
Concen: 10.735 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion:	49	Resp:	11787
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	95.5	72.7	109.1





#29

Tetrahydrofuran

Concen: 52.489 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

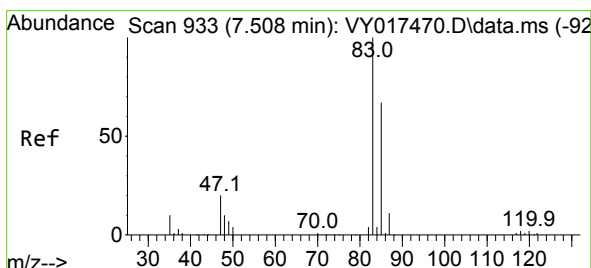
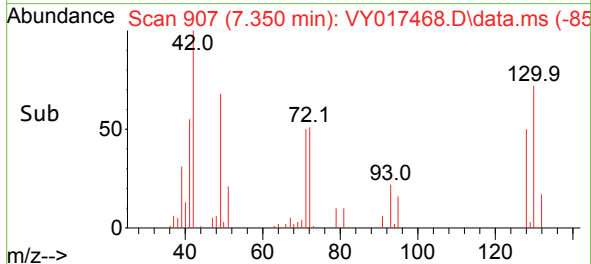
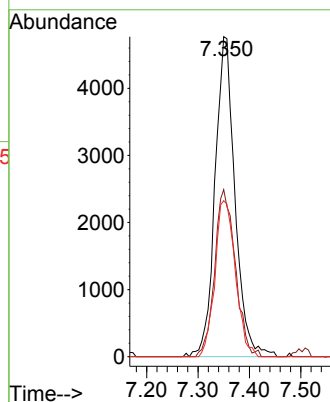
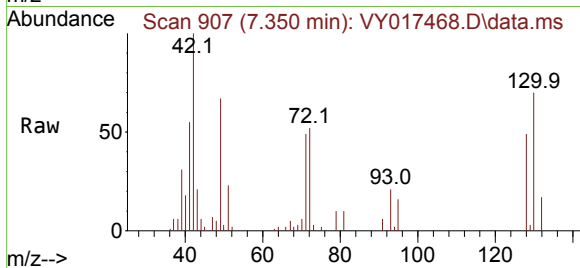
Tgt Ion: 42 Resp: 12842

Ion Ratio Lower Upper

42 100

72 54.0 43.0 64.4

71 50.1 40.8 61.2



#30

Chloroform

Concen: 11.205 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017468.D

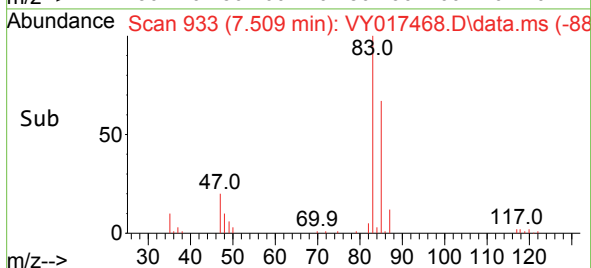
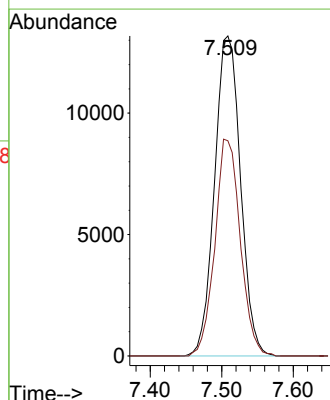
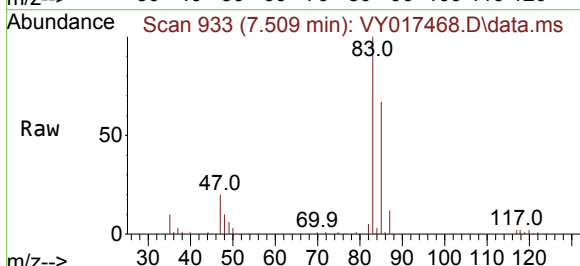
Acq: 23 Feb 2024 16:47

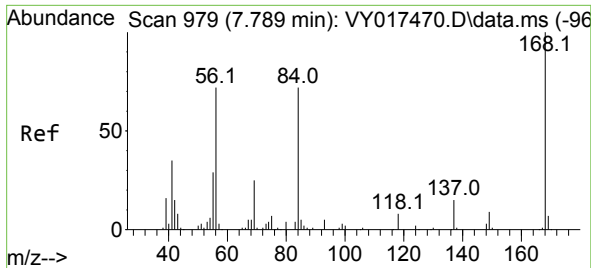
Tgt Ion: 83 Resp: 33259

Ion Ratio Lower Upper

83 100

85 67.3 52.2 78.4

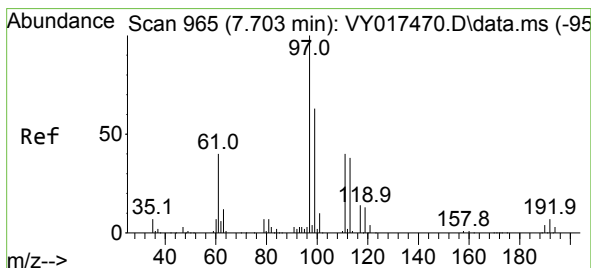
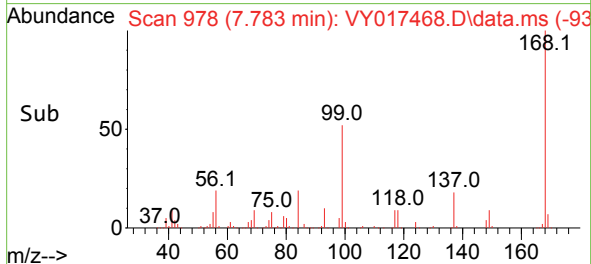
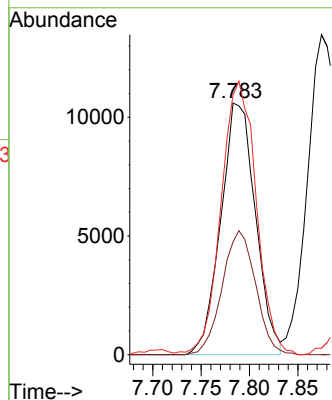
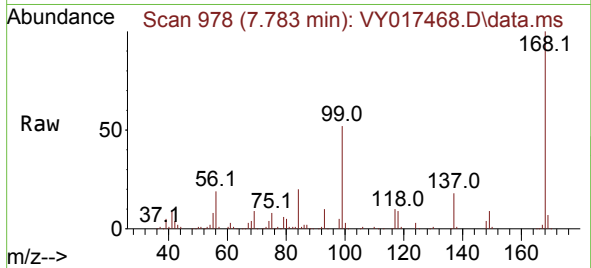




#31
Cyclohexane
Concen: 11.080 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

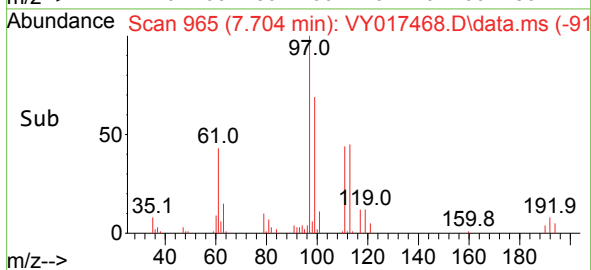
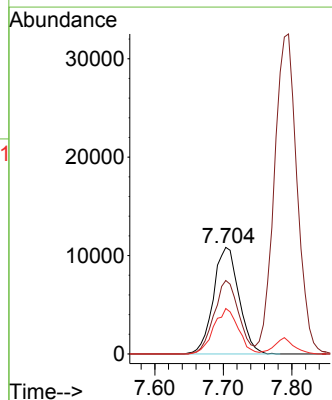
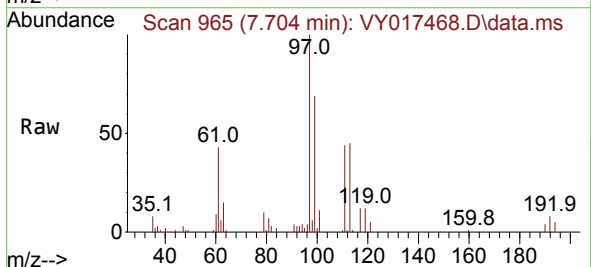
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

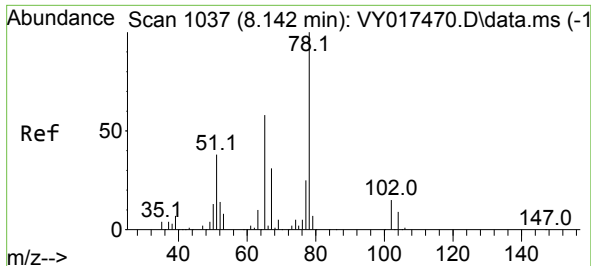
Tgt Ion: 56 Resp: 26477
Ion Ratio Lower Upper
56 100
69 44.7 28.7 43.1#
84 101.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 10.876 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 97 Resp: 28028
Ion Ratio Lower Upper
97 100
99 66.8 50.3 75.5
61 41.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 10.792 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

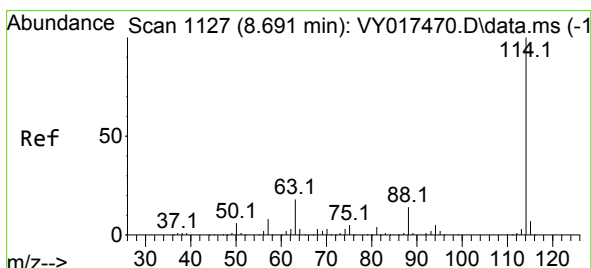
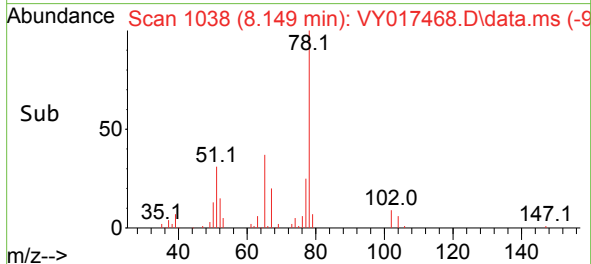
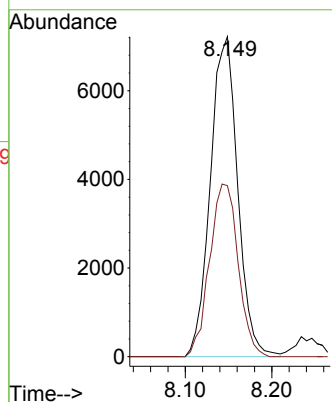
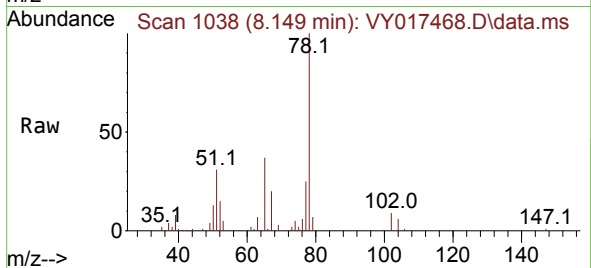
VSTDIC010

Tgt Ion: 65 Resp: 15846

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

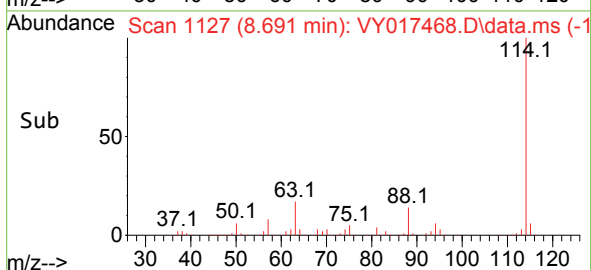
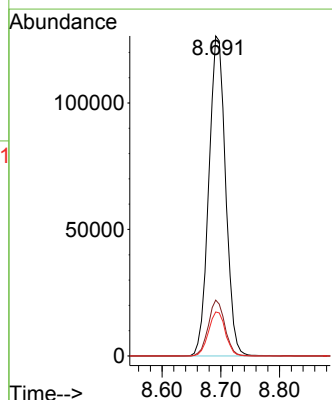
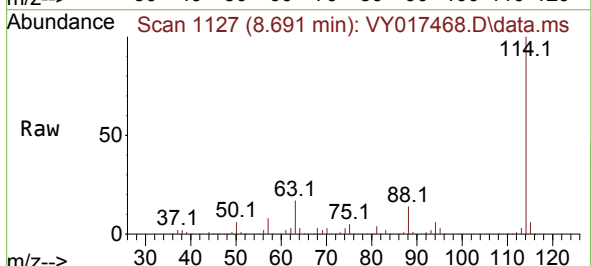
Tgt Ion: 114 Resp: 250246

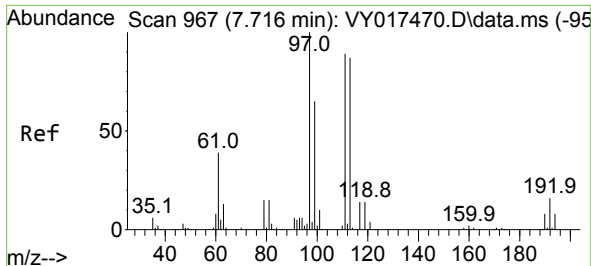
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.7 0.0 27.2

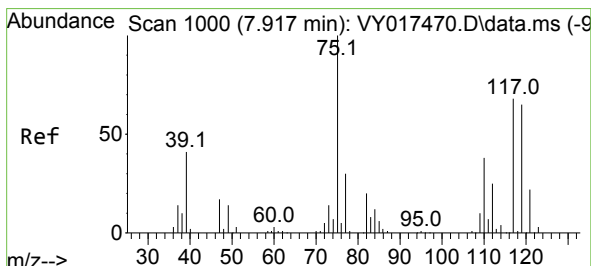
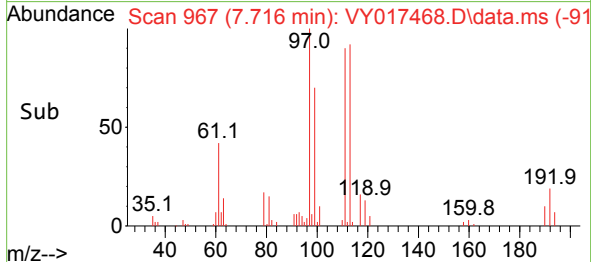
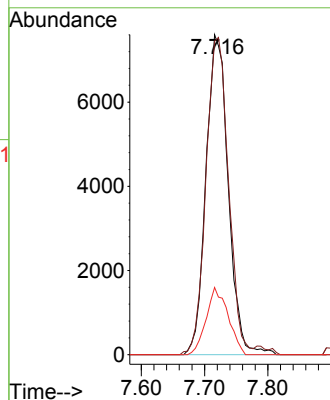
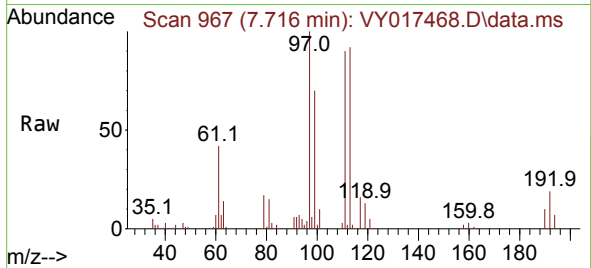




#35
Dibromofluoromethane
Concen: 10.674 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

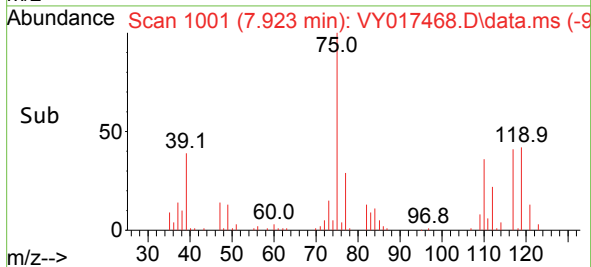
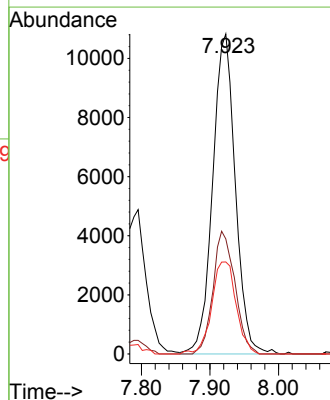
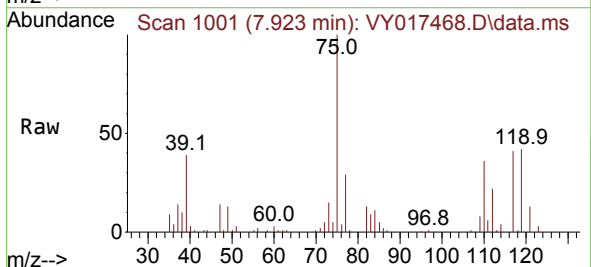
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

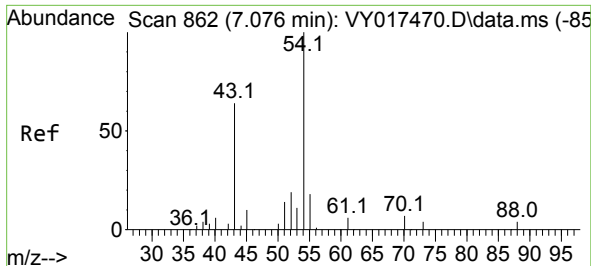
Tgt Ion:113 Resp: 18613
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 10.584 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 75 Resp: 24901
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 10.830 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

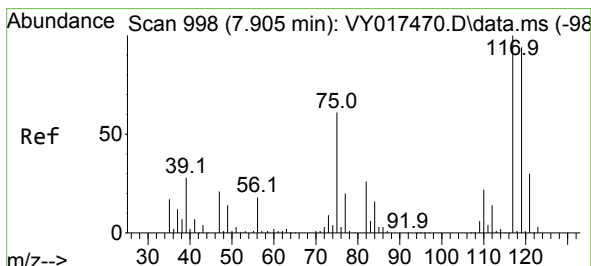
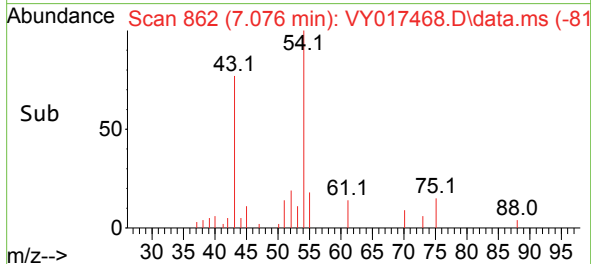
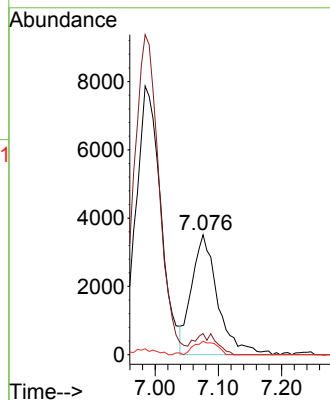
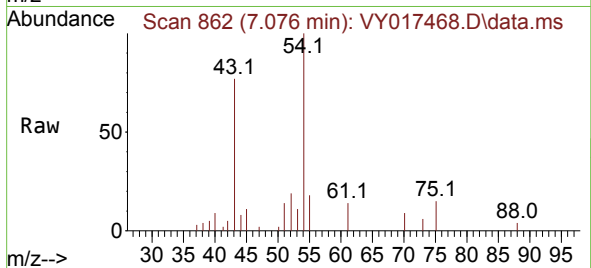
Tgt Ion: 43 Resp: 10064

Ion Ratio Lower Upper

43 100

61 15.0 12.6 19.0

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 10.629 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

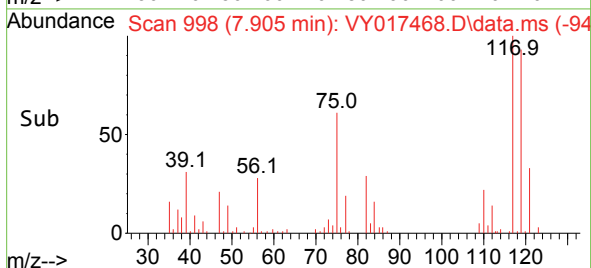
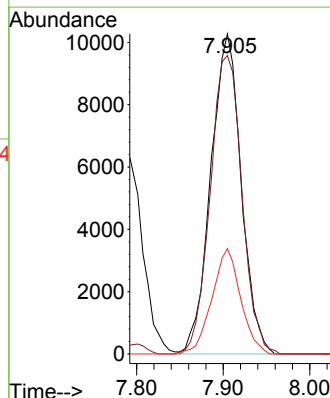
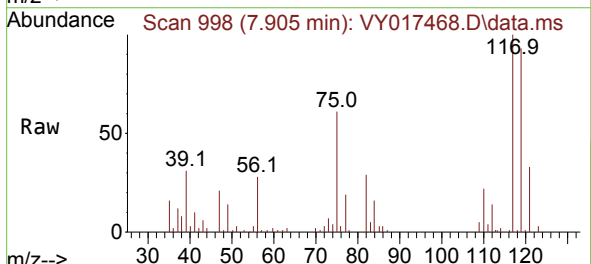
Tgt Ion: 117 Resp: 25064

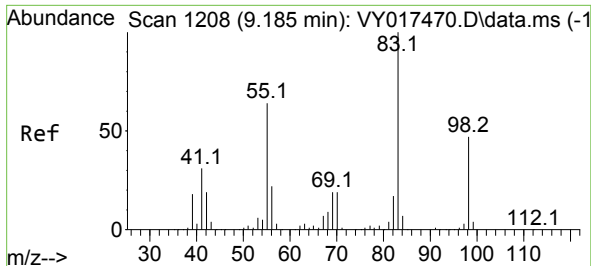
Ion Ratio Lower Upper

117 100

119 93.3 75.8 113.6

121 33.0 24.0 36.0

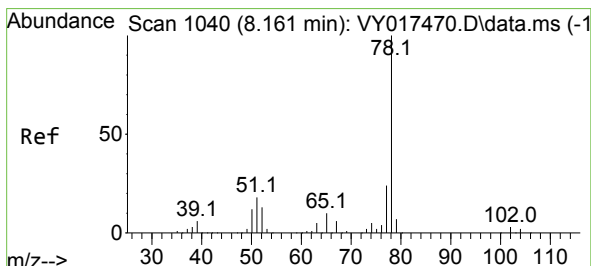
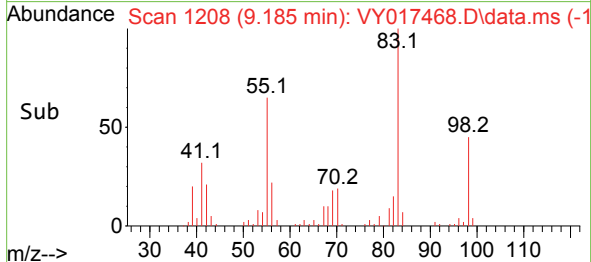
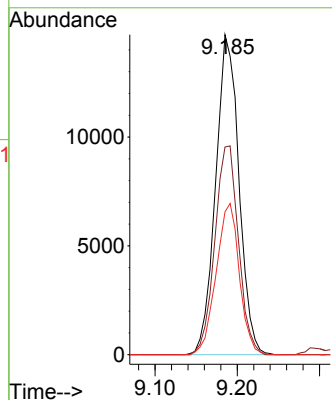
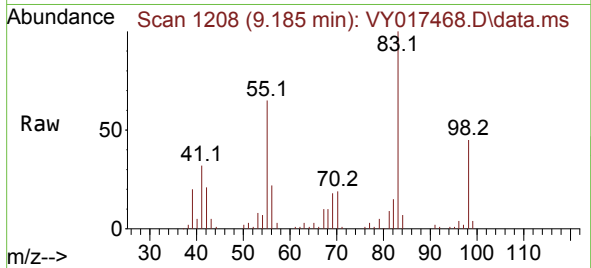




#39
Methylcyclohexane
Concen: 10.243 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

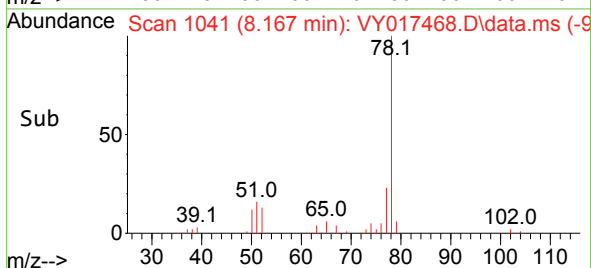
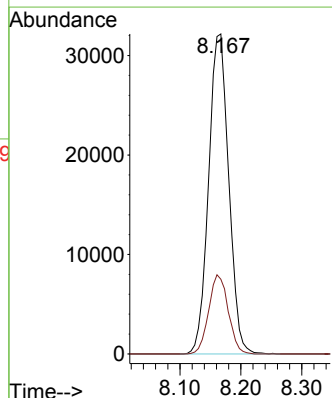
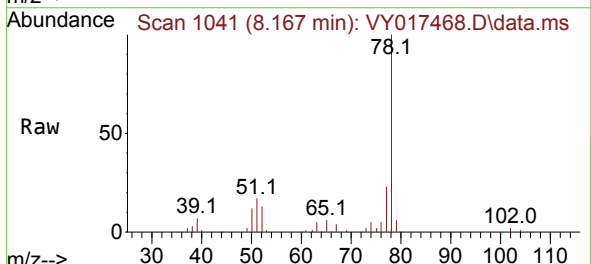
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

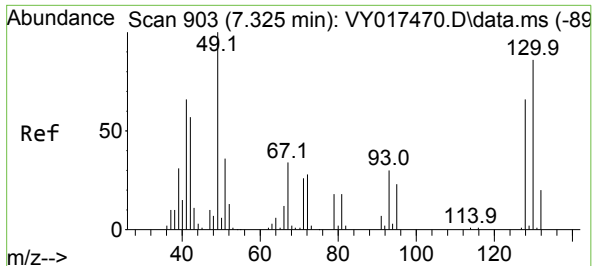
Tgt Ion: 83 Resp: 28961
Ion Ratio Lower Upper
83 100
55 64.9 51.5 77.3
98 44.6 40.5 60.7



#40
Benzene
Concen: 10.557 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

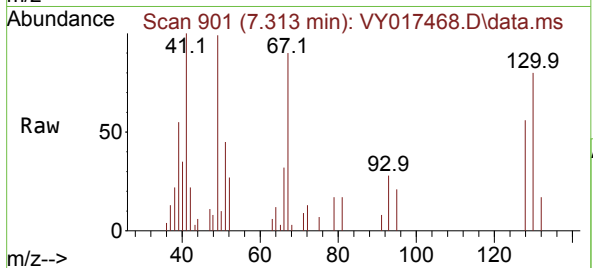
Tgt Ion: 78 Resp: 73765
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3



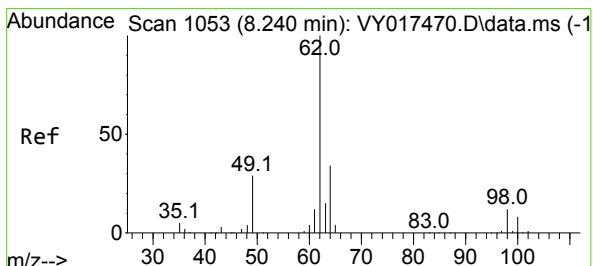
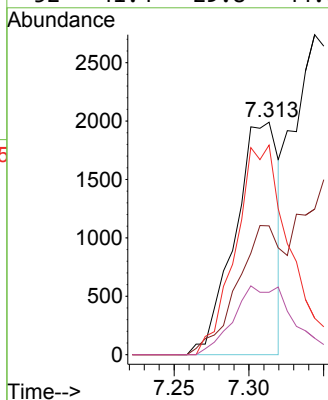
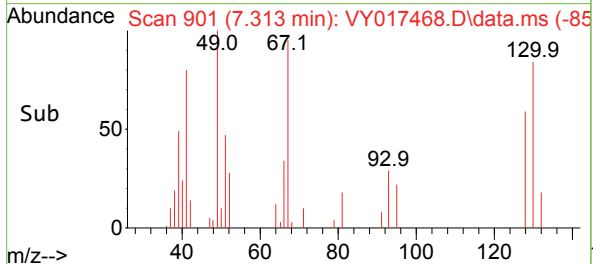


#41
Methacrylonitrile
Concen: 8.644 ug/l
RT: 7.313 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

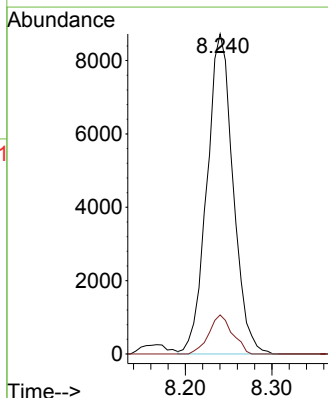
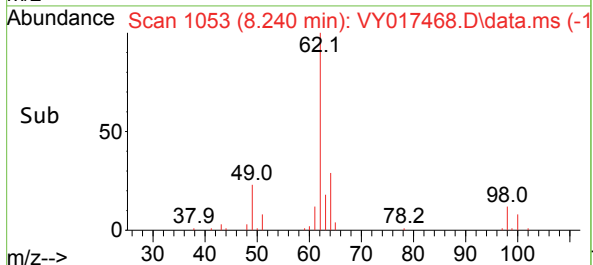
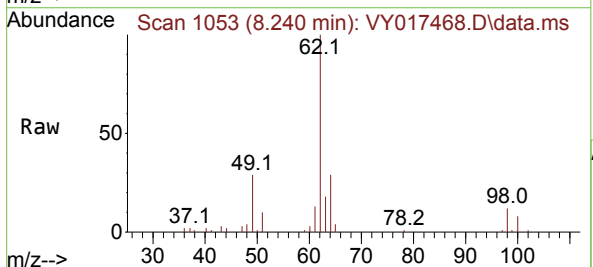


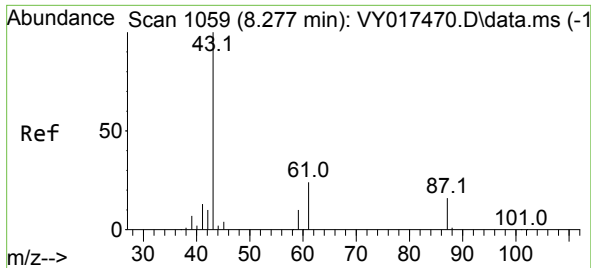
Tgt Ion: 41	Resp: 4031
Ion Ratio	Lower Upper
41 100	
39 60.6	48.0 72.0
67 111.7	75.1 112.7
52 41.4	29.8 44.6



#42
1,2-Dichloroethane
Concen: 10.731 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 62	Resp: 18294
Ion Ratio	Lower Upper
62 100	
98 10.9	0.0 22.0

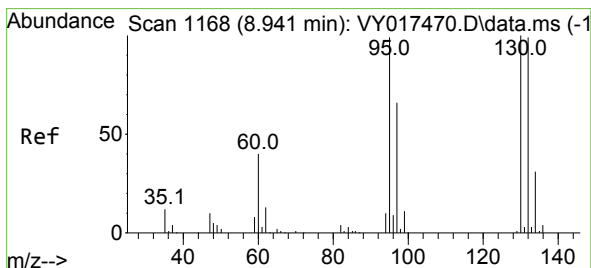
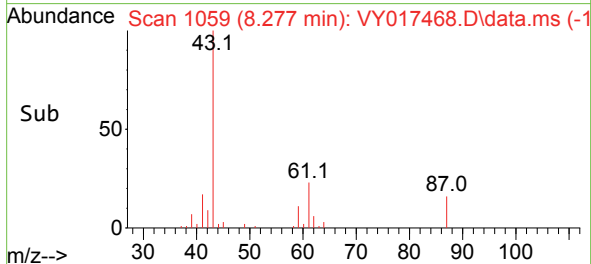
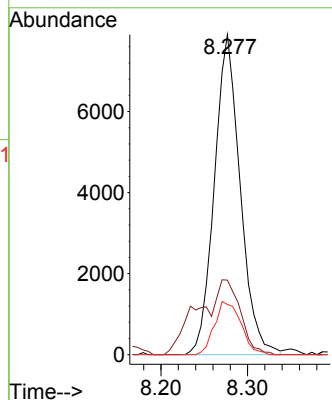
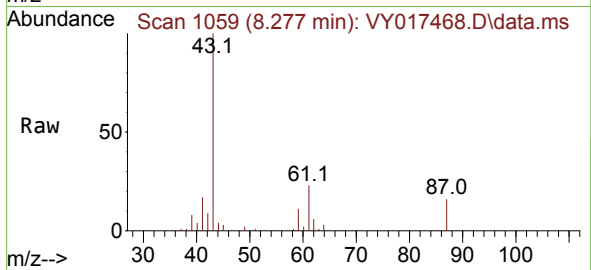




#43
Isopropyl Acetate
Concen: 10.026 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

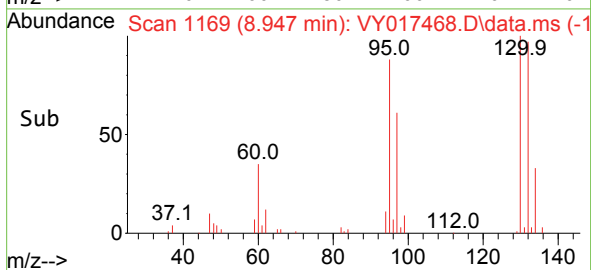
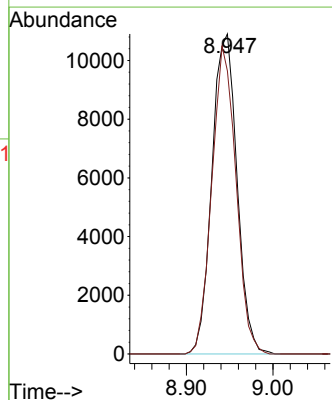
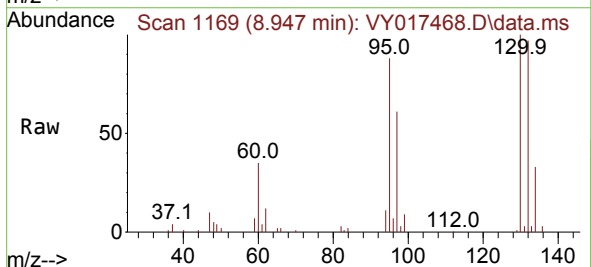
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

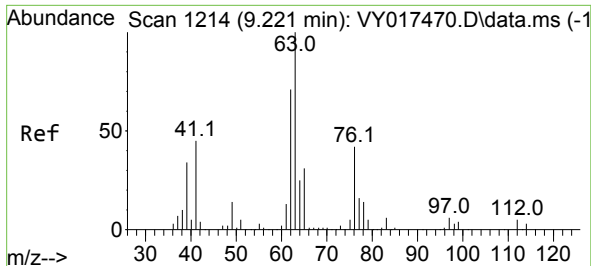
Tgt Ion: 43 Resp: 16372
Ion Ratio Lower Upper
43 100
61 21.6 27.9 41.9#
87 17.0 13.1 19.7



#44
Trichloroethene
Concen: 10.897 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion:130 Resp: 21946
Ion Ratio Lower Upper
130 100
95 88.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 10.967 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

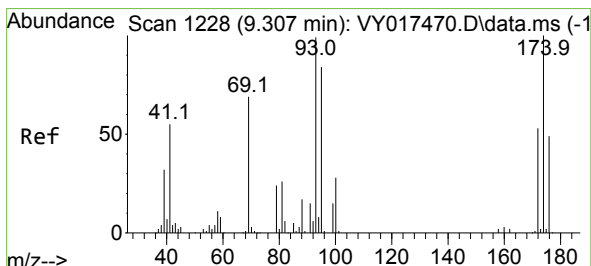
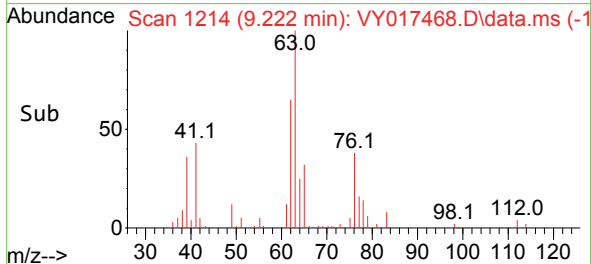
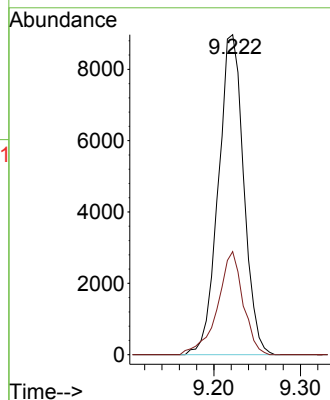
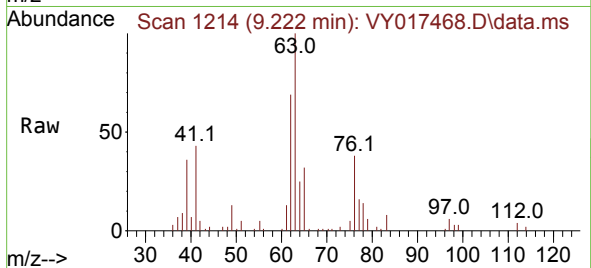
VSTDICC010

Tgt Ion: 63 Resp: 18231

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 10.637 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

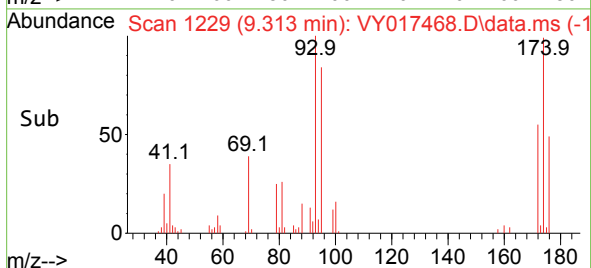
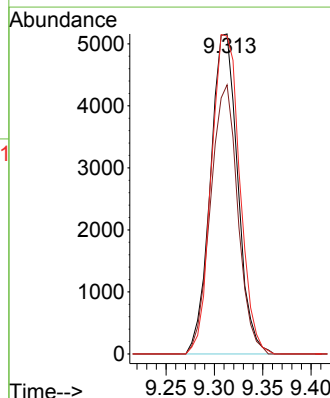
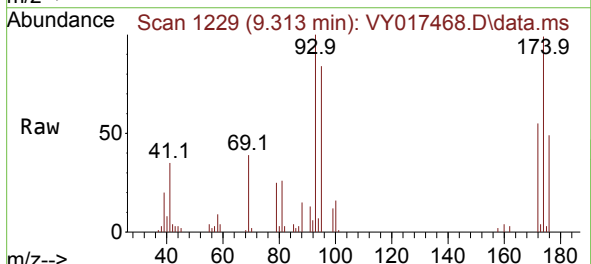
Tgt Ion: 93 Resp: 10120

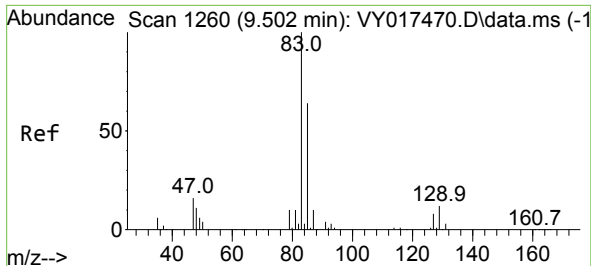
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 103.7 80.9 121.3

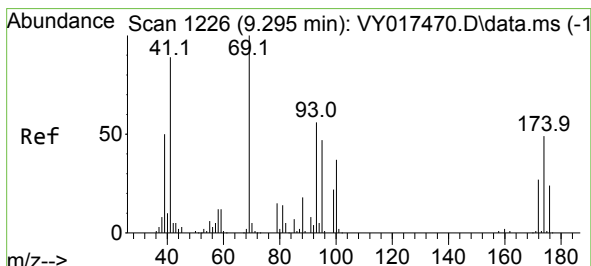
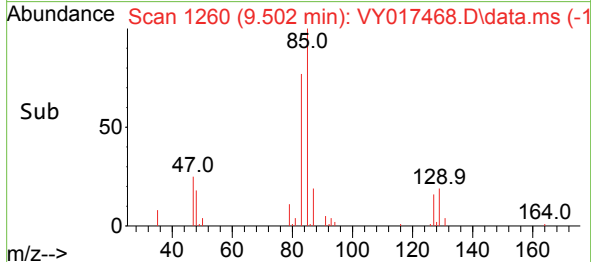
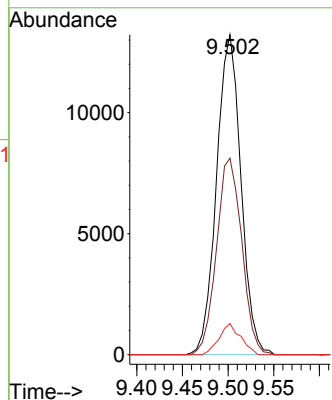
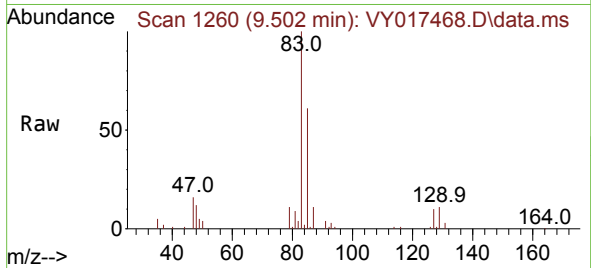




#47
Bromodichloromethane
Concen: 10.642 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

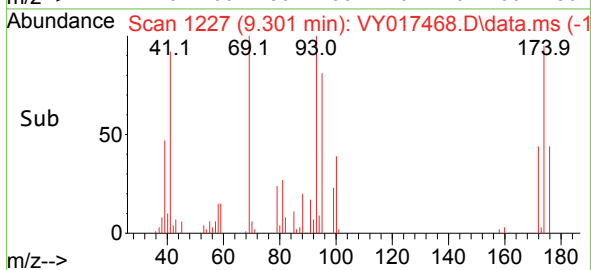
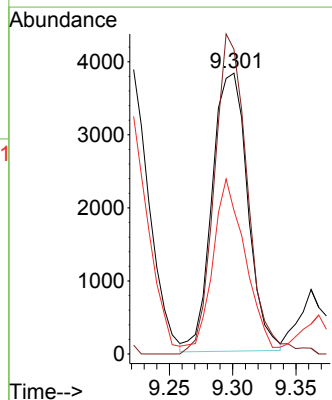
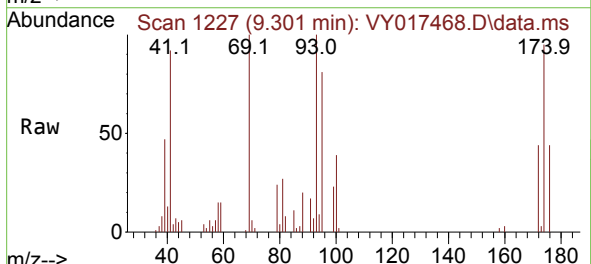
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

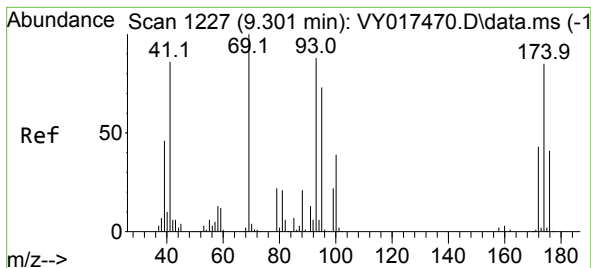
Tgt Ion: 83 Resp: 24582
Ion Ratio Lower Upper
83 100
85 61.4 50.1 75.1
127 9.7 7.4 11.0



#48
Methyl methacrylate
Concen: 9.863 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 41 Resp: 7455
Ion Ratio Lower Upper
41 100
69 107.3 84.1 126.1
39 58.6 43.6 65.4





#49

1,4-Dioxane

Concen: 195.419 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

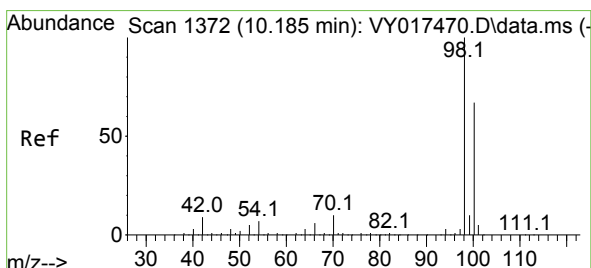
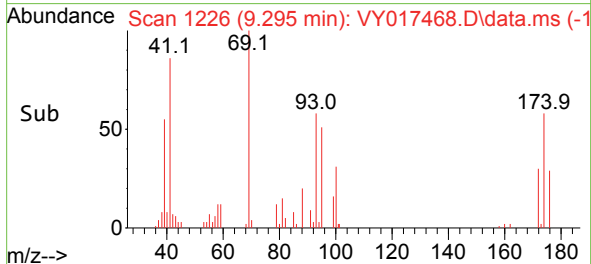
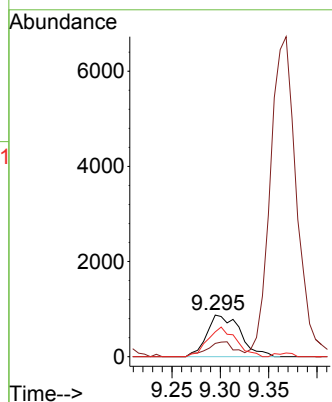
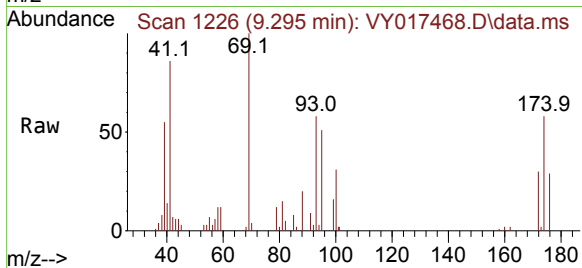
Tgt Ion: 88 Resp: 2104

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 60.0 49.3 73.9



#50

Toluene-d8

Concen: 10.168 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017468.D

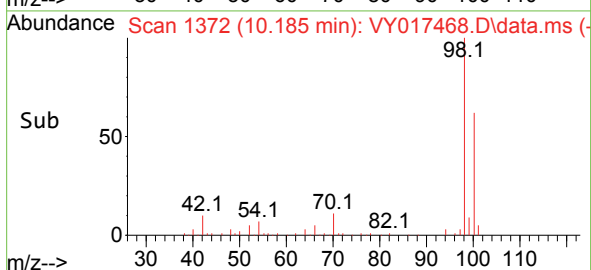
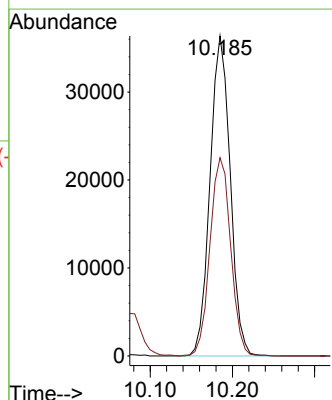
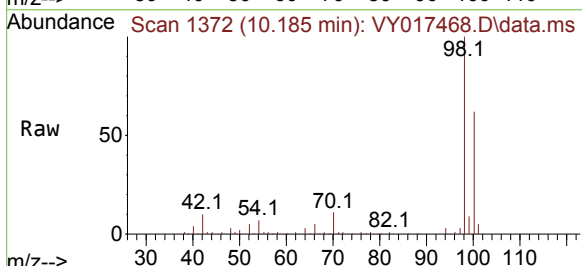
Acq: 23 Feb 2024 16:47

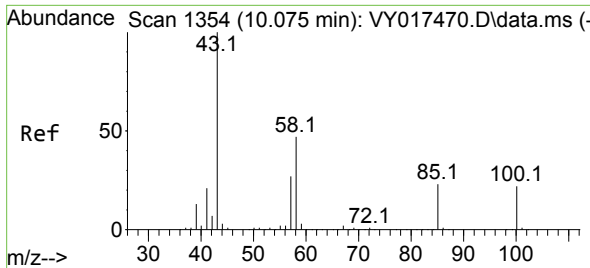
Tgt Ion: 98 Resp: 61995

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

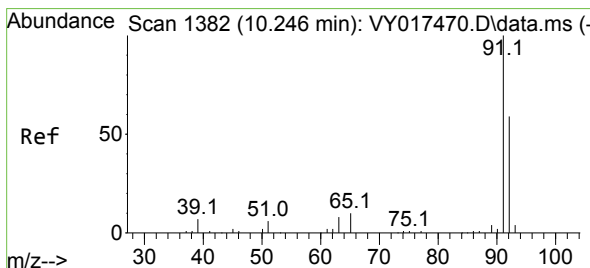
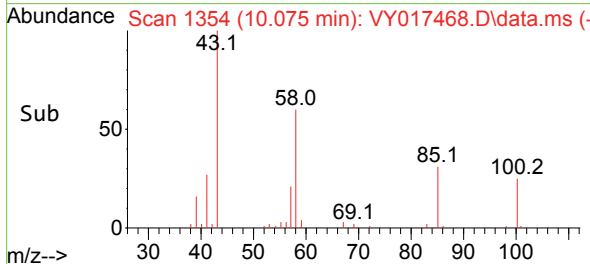
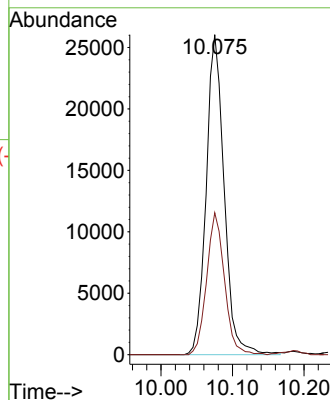
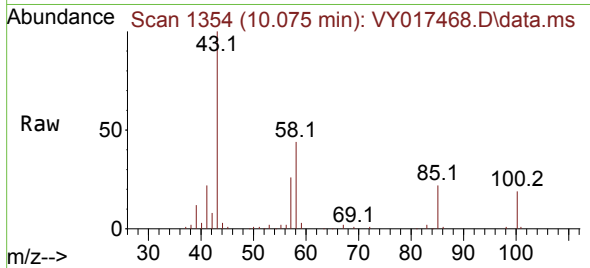




#51
4-Methyl-2-Pentanone
Concen: 49.962 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

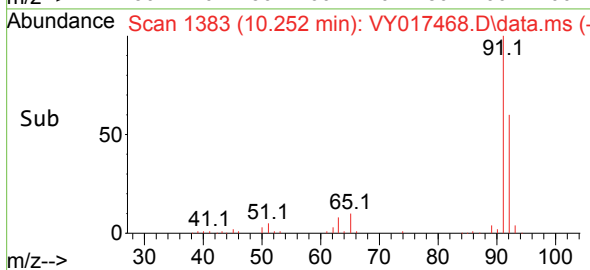
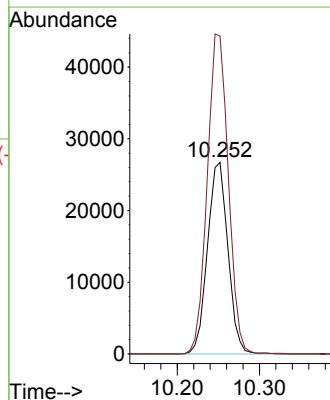
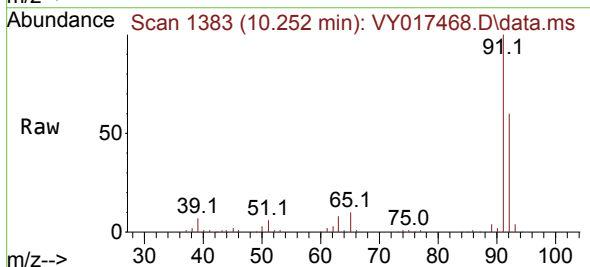
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

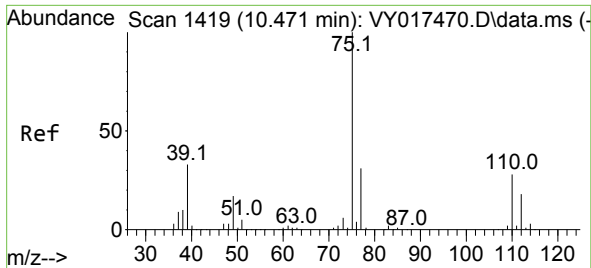
Tgt Ion: 43 Resp: 45470
Ion Ratio Lower Upper
43 100
58 44.0 35.7 53.5



#52
Toluene
Concen: 10.488 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 92 Resp: 46195
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.6

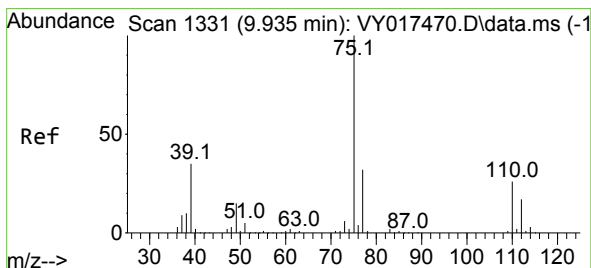
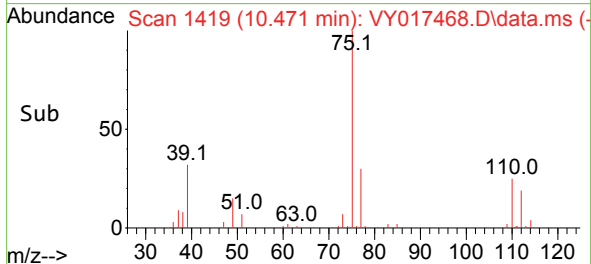
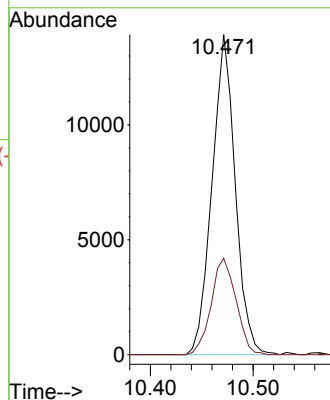
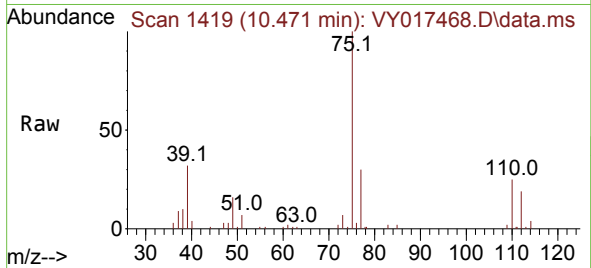




#53
t-1,3-Dichloropropene
Concen: 10.164 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

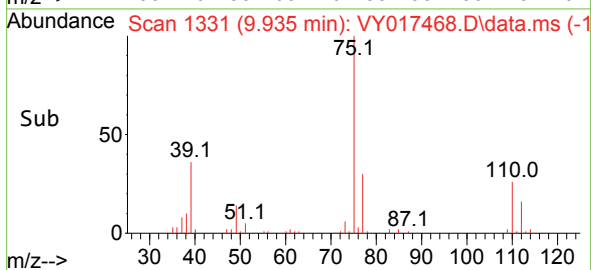
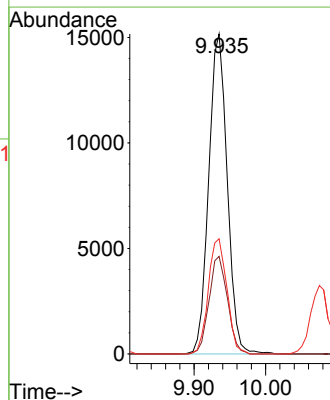
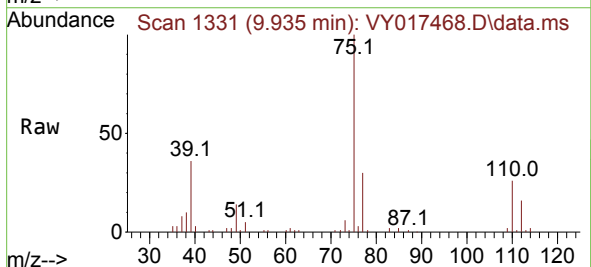
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

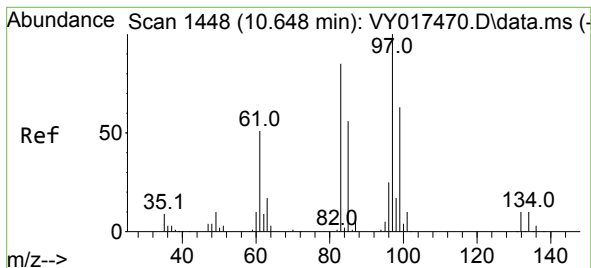
Tgt Ion: 75 Resp: 21793
Ion Ratio Lower Upper
75 100
77 30.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 10.451 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 75 Resp: 27227
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0
39 36.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 10.695 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 97 Resp: 14446

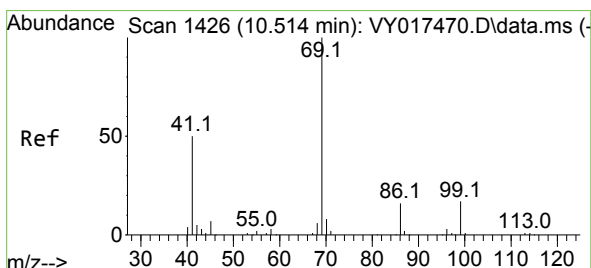
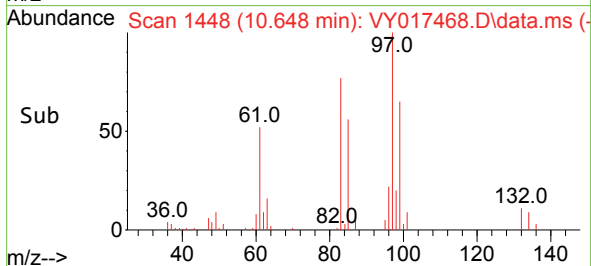
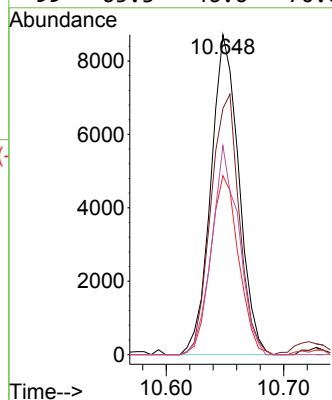
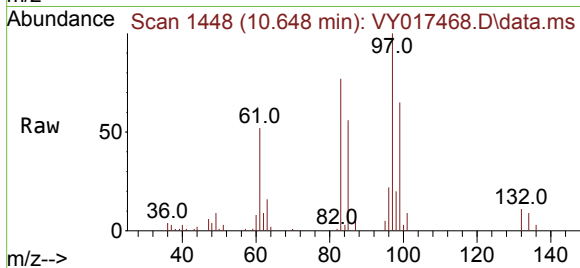
Ion Ratio Lower Upper

97 100

83 77.0 67.5 101.3

85 56.0 42.9 64.3

99 65.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 10.752 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

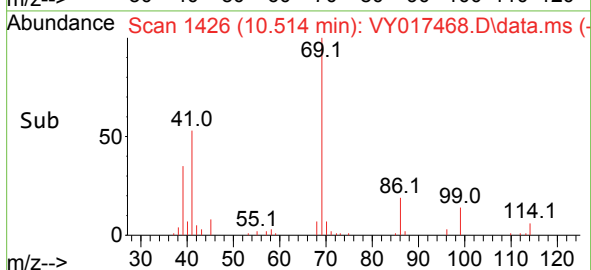
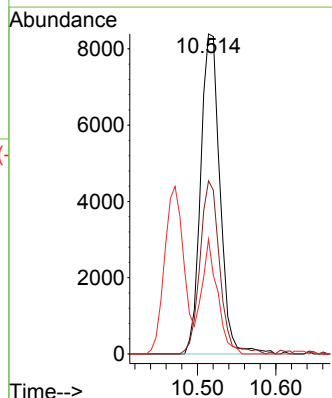
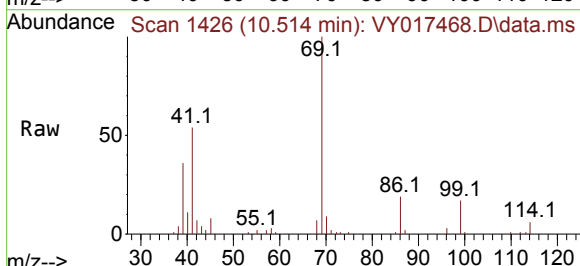
Tgt Ion: 69 Resp: 14381

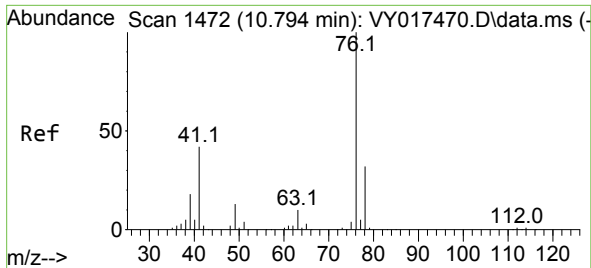
Ion Ratio Lower Upper

69 100

41 55.2 42.3 63.5

39 29.0 22.9 34.3

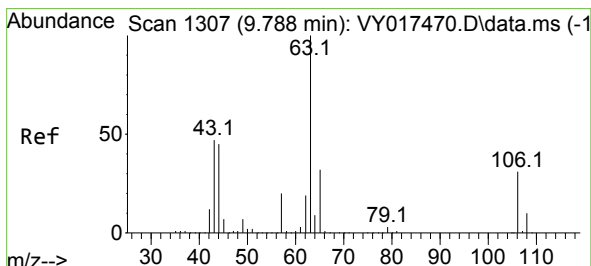
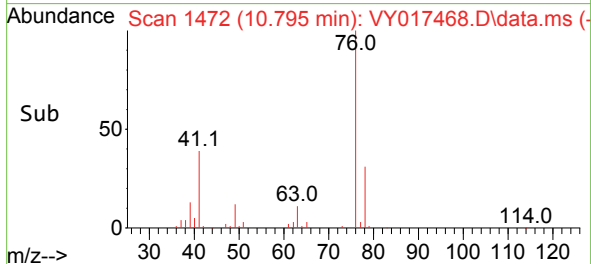
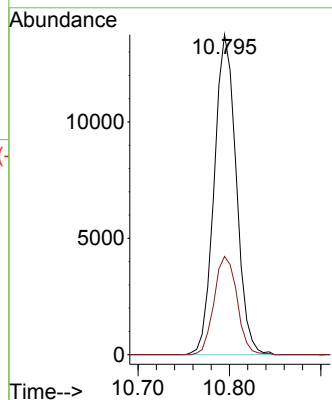
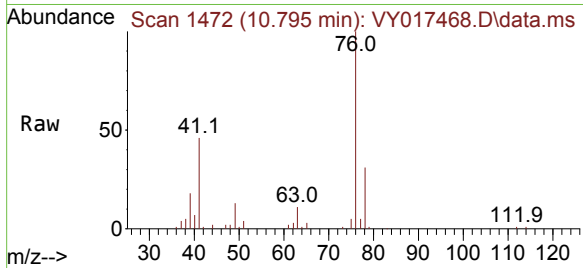




#57
1,3-Dichloropropane
Concen: 10.475 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

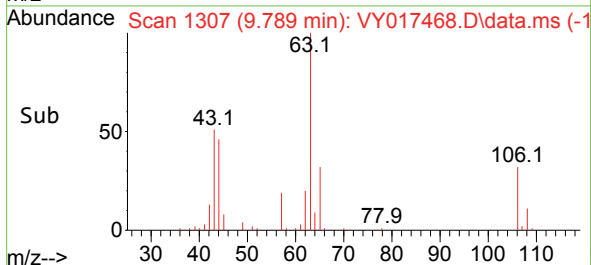
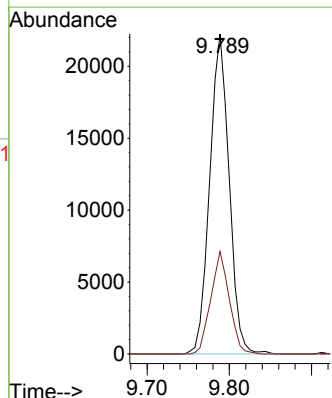
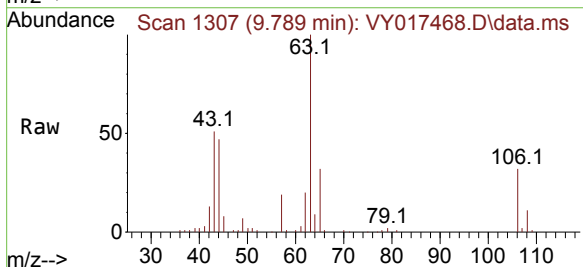
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

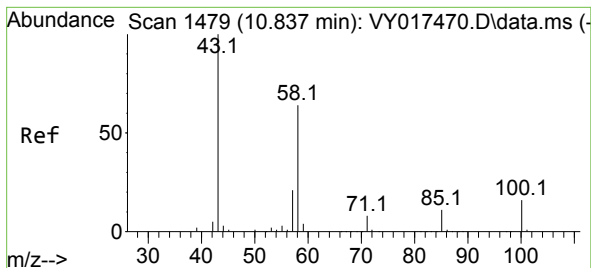
Tgt Ion: 76 Resp: 23004
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 46.765 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 63 Resp: 36451
Ion Ratio Lower Upper
63 100
106 30.6 23.7 35.5





#59

2-Hexanone

Concen: 48.173 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

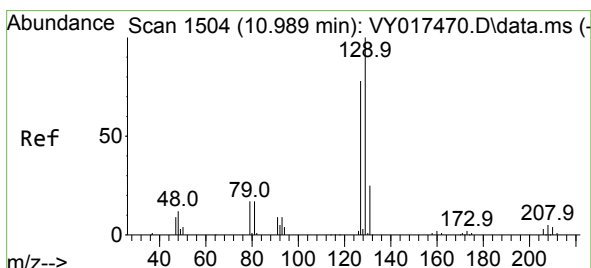
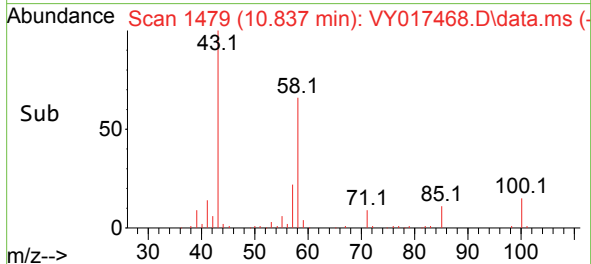
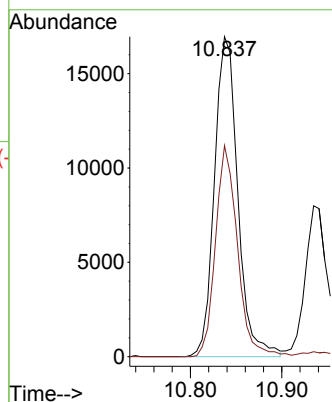
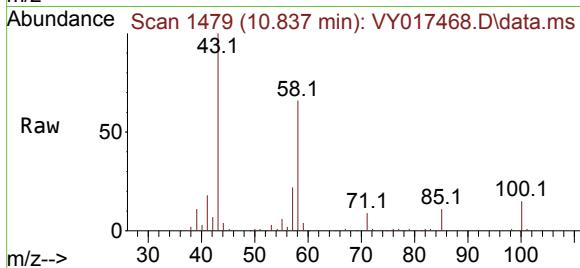
VSTDIC010

Tgt Ion: 43 Resp: 30114

Ion Ratio Lower Upper

43 100

58 62.2 31.4 94.0



#60

Dibromochloromethane

Concen: 10.250 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY017468.D

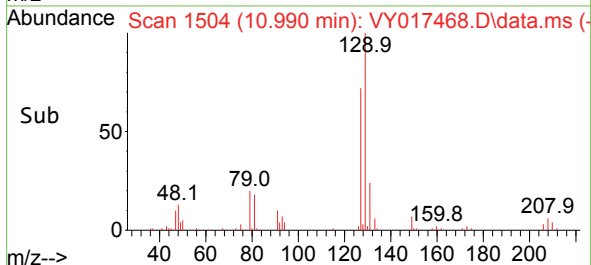
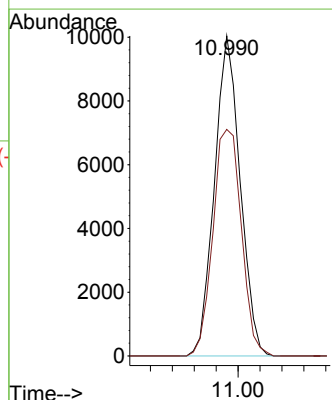
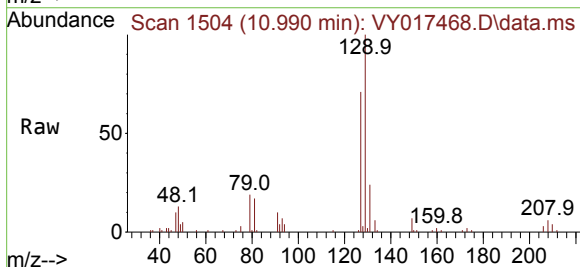
Acq: 23 Feb 2024 16:47

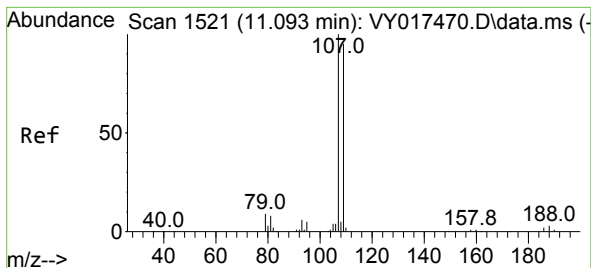
Tgt Ion: 129 Resp: 16379

Ion Ratio Lower Upper

129 100

127 78.3 39.0 117.0

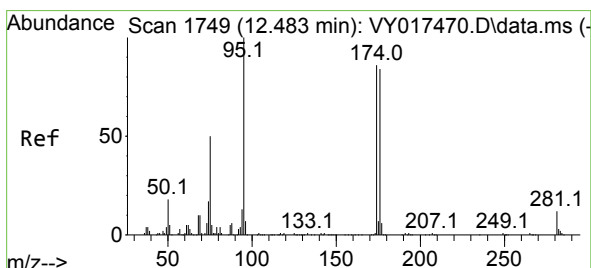
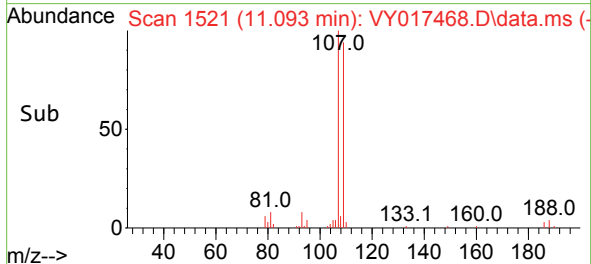
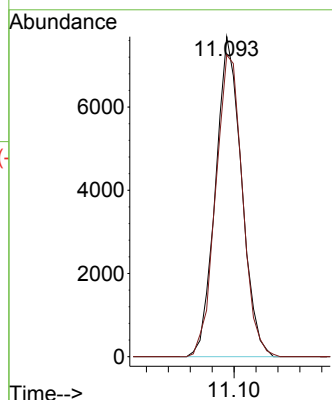
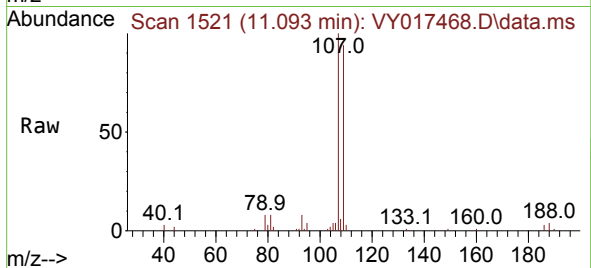




#61
1,2-Dibromoethane
Concen: 10.175 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

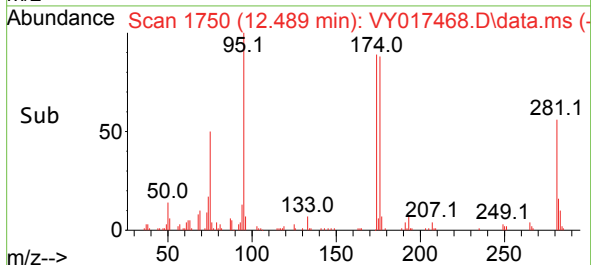
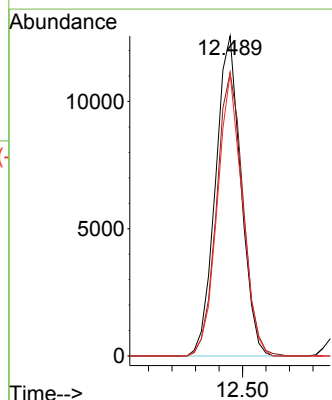
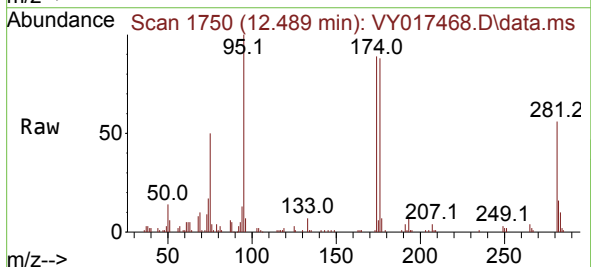
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

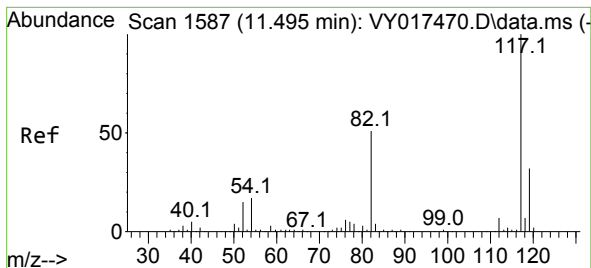
Tgt Ion:107 Resp: 12665
Ion Ratio Lower Upper
107 100
109 97.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 9.834 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 95 Resp: 18843
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 87.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

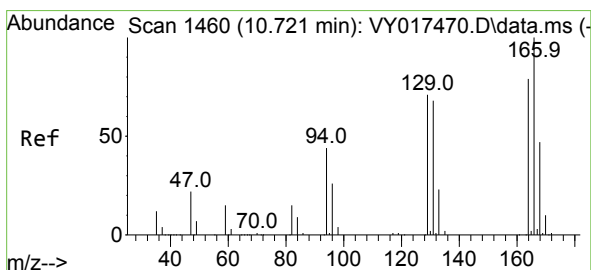
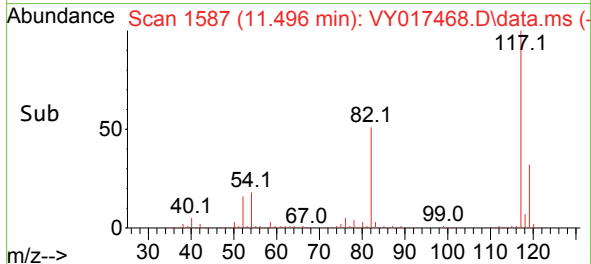
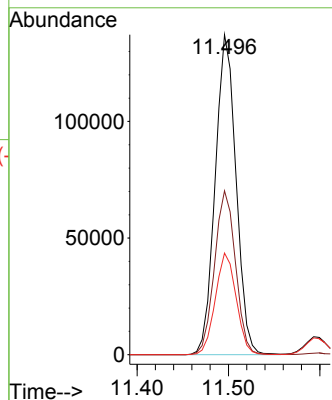
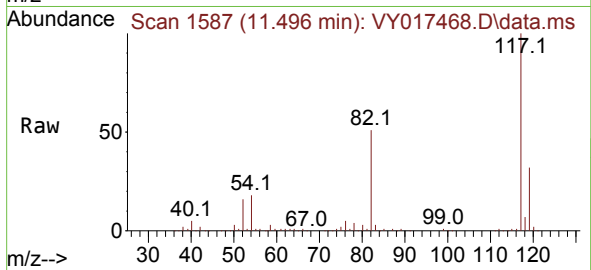
Tgt Ion:117 Resp: 217536

Ion Ratio Lower Upper

117 100

82 51.2 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 11.192 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Tgt Ion:164 Resp: 23369

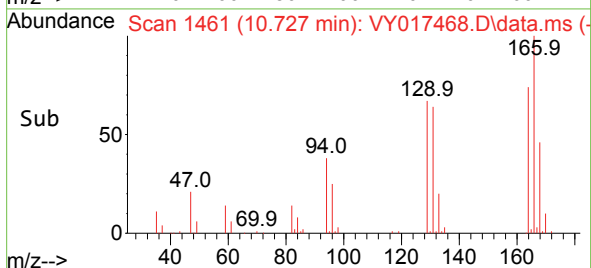
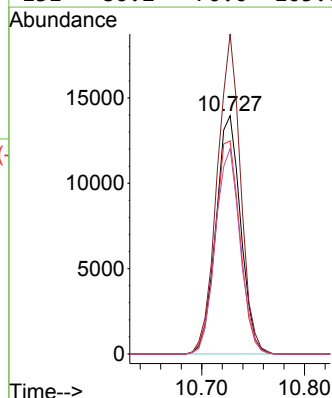
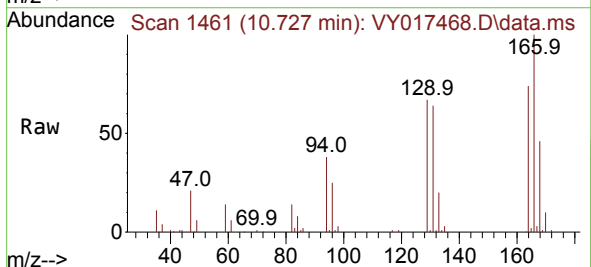
Ion Ratio Lower Upper

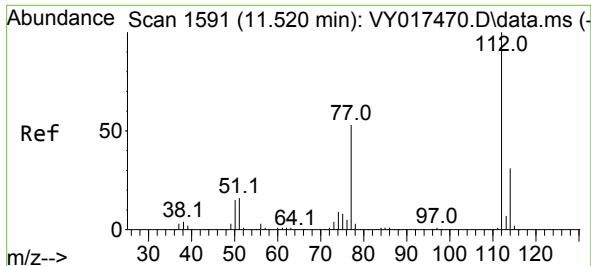
164 100

166 134.3 102.6 154.0

129 89.5 72.0 108.0

131 86.2 70.0 105.0

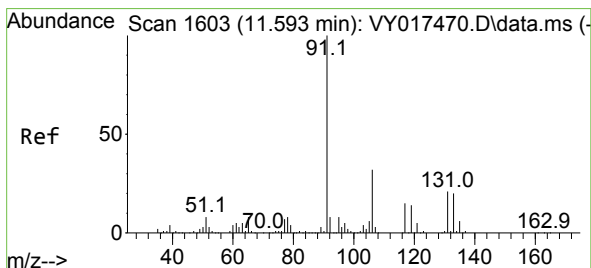
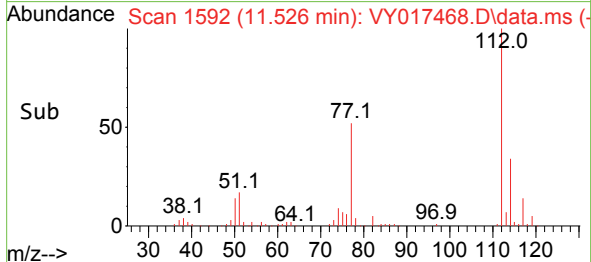
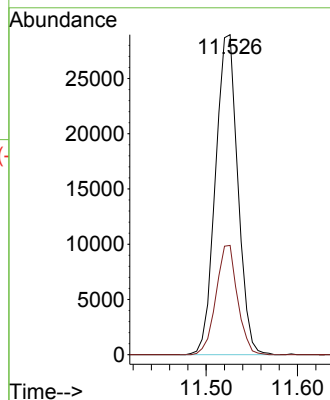
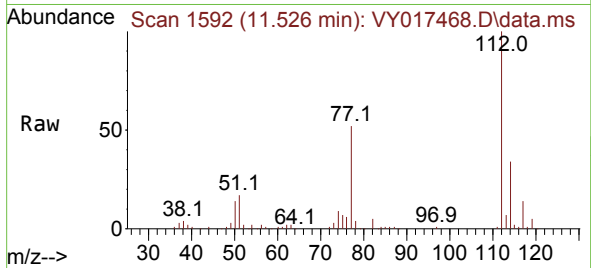




#65
Chlorobenzene
Concen: 10.658 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

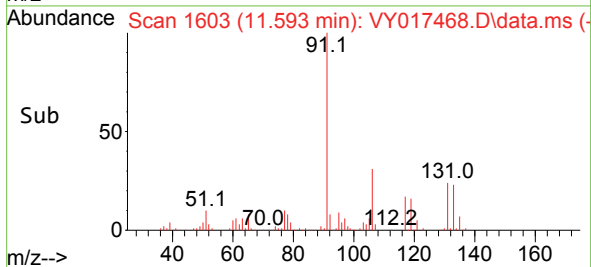
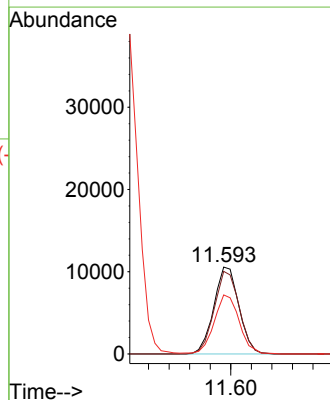
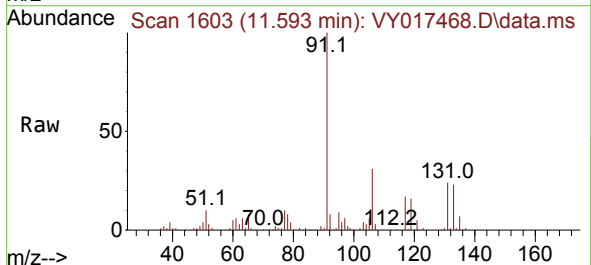
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

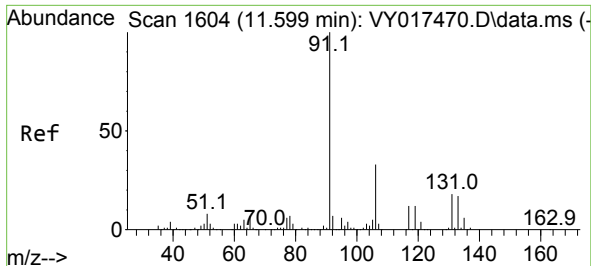
Tgt Ion:112 Resp: 49212
Ion Ratio Lower Upper
112 100
114 34.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.334 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion:131 Resp: 17876
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 68.2 34.1 102.2

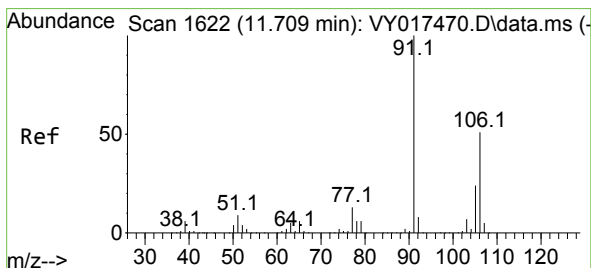
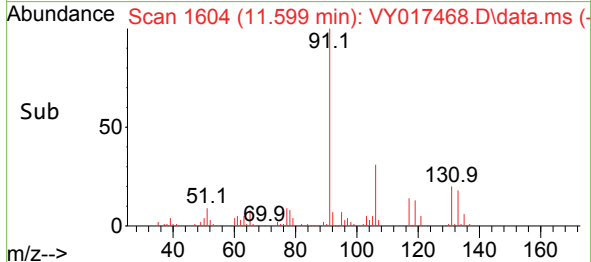
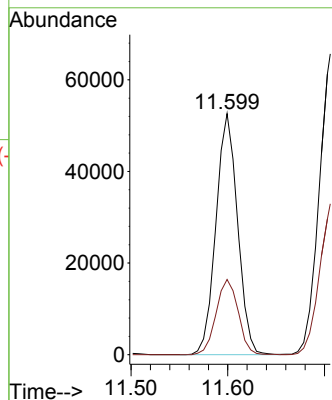
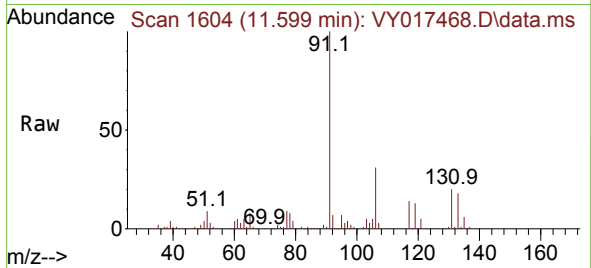




#67
Ethyl Benzene
Concen: 10.071 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

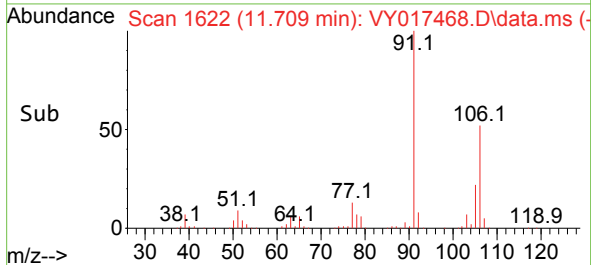
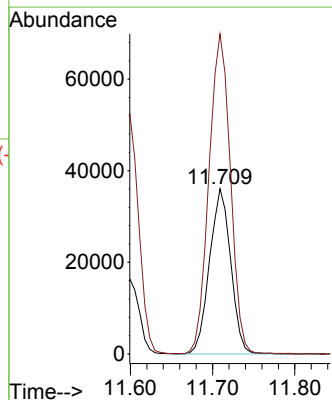
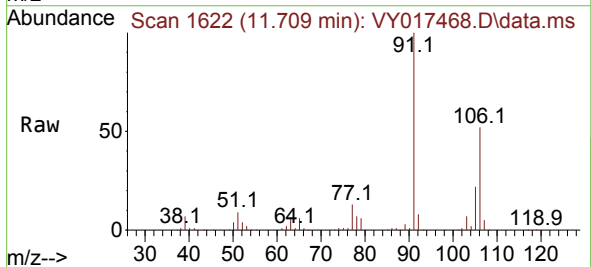
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

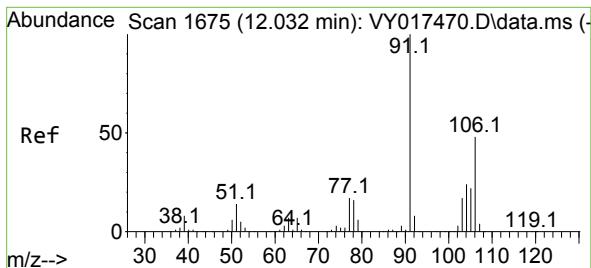
Tgt Ion: 91 Resp: 81553
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 20.266 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 106 Resp: 64484
Ion Ratio Lower Upper
106 100
91 197.0 156.0 234.0





#69

o-Xylene

Concen: 9.905 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

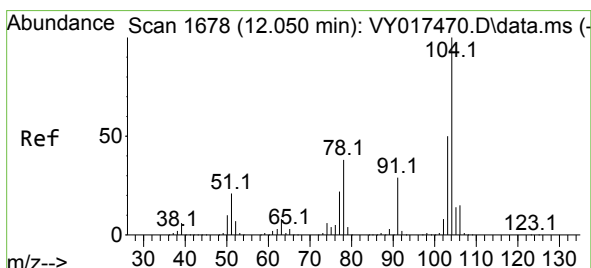
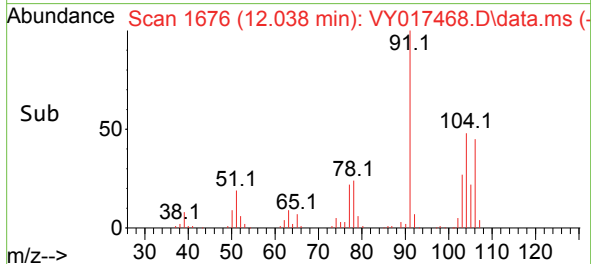
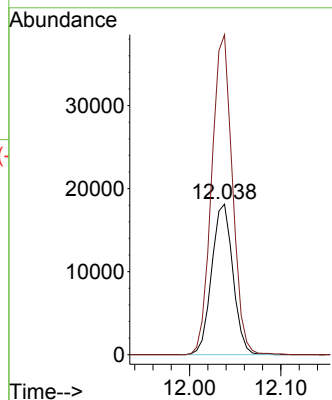
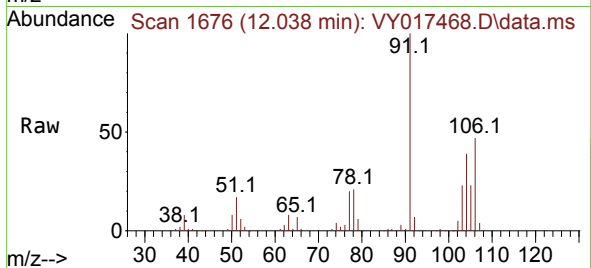
VSTDIC010

Tgt Ion:106 Resp: 29239

Ion Ratio Lower Upper

106 100

91 207.6 103.6 310.8



#70

Styrene

Concen: 9.927 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

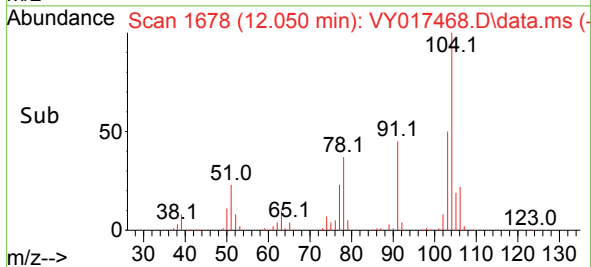
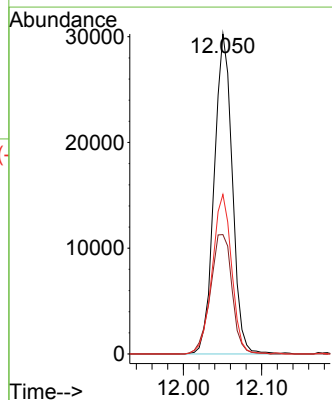
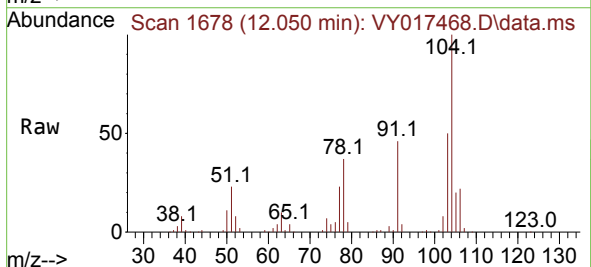
Tgt Ion:104 Resp: 48642

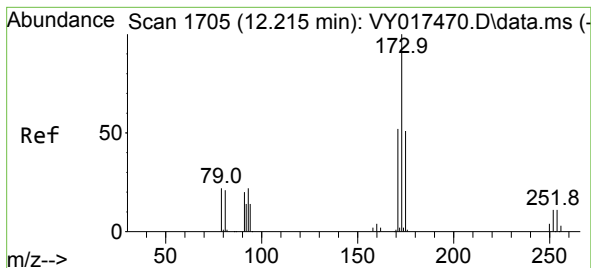
Ion Ratio Lower Upper

104 100

78 44.4 37.0 55.4

103 53.2 44.2 66.2





#71

Bromoform

Concen: 10.189 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

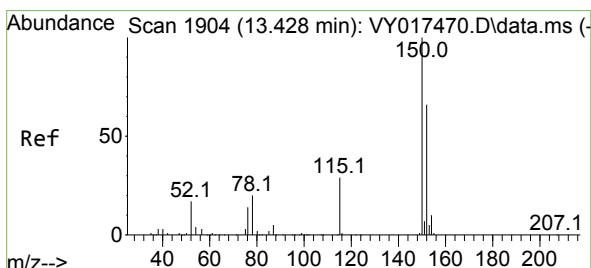
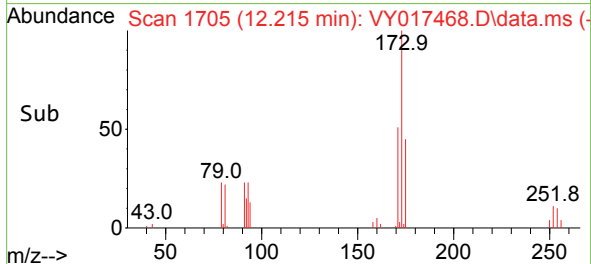
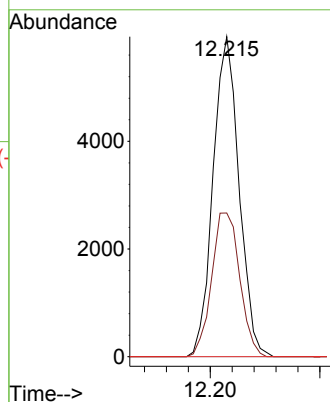
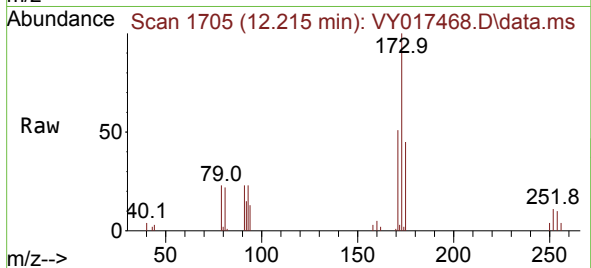
Tgt Ion:173 Resp: 9767

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

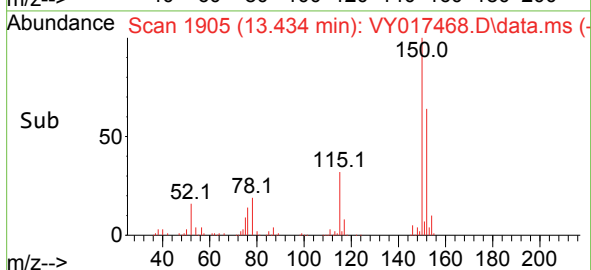
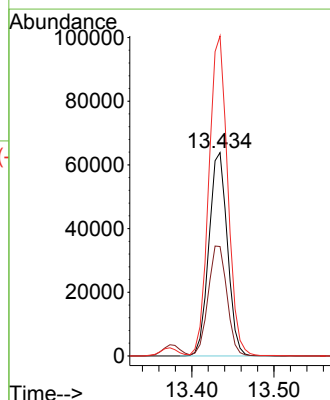
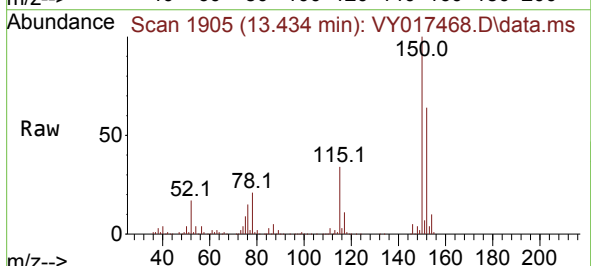
Tgt Ion:152 Resp: 99557

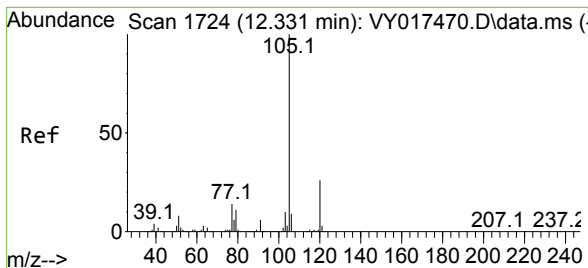
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 160.6 0.0 345.6





#73

Isopropylbenzene

Concen: 10.456 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

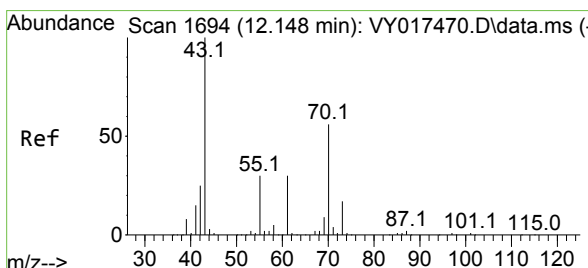
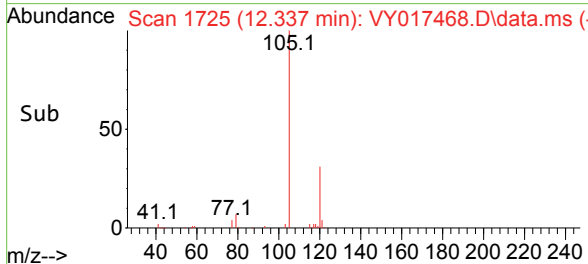
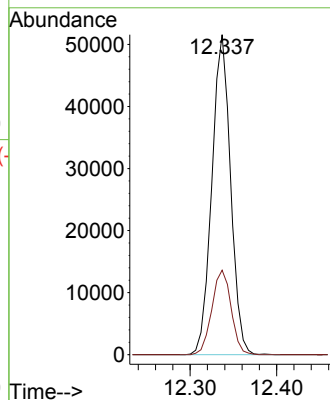
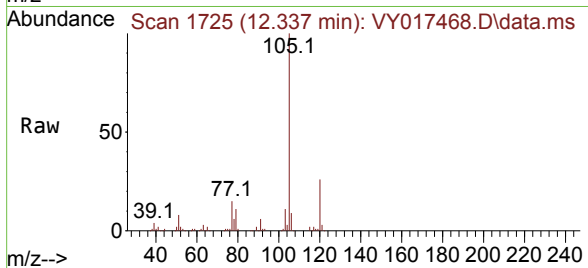
VSTDIC010

Tgt Ion:105 Resp: 77339

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 9.727 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Tgt Ion: 43 Resp: 12689

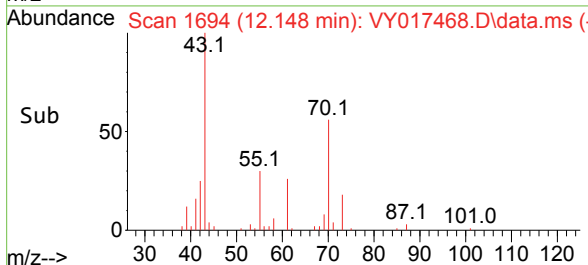
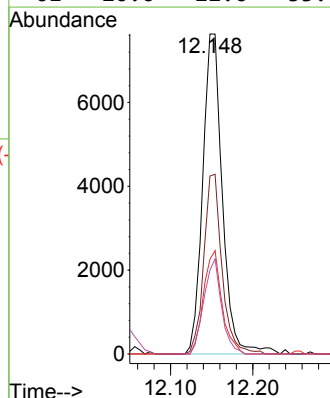
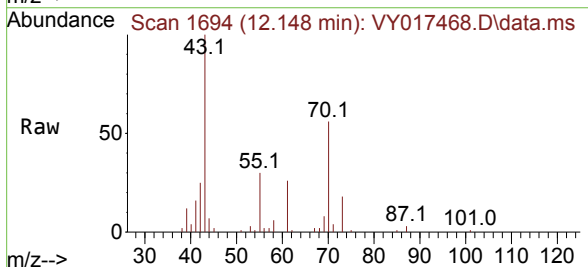
Ion Ratio Lower Upper

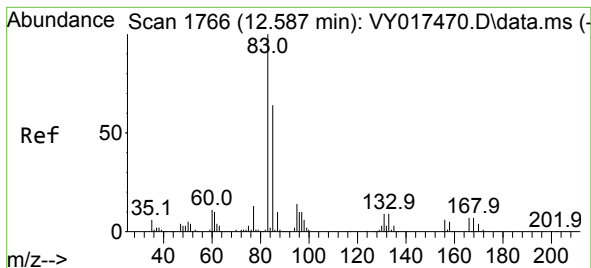
43 100

70 51.9 41.4 62.2

55 30.0 23.3 34.9

61 26.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 10.607 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

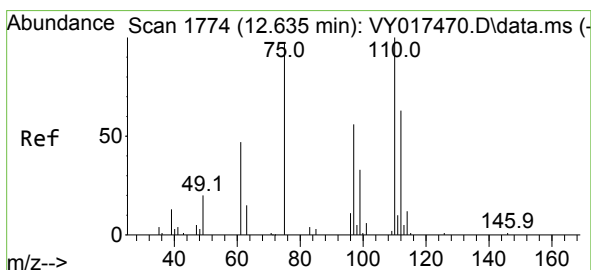
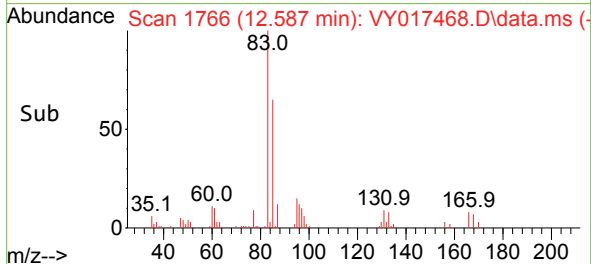
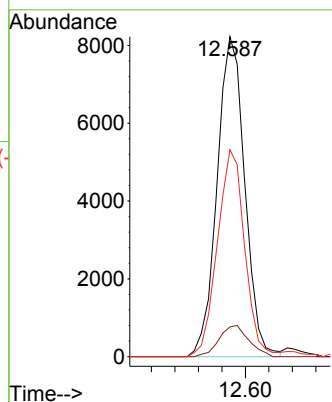
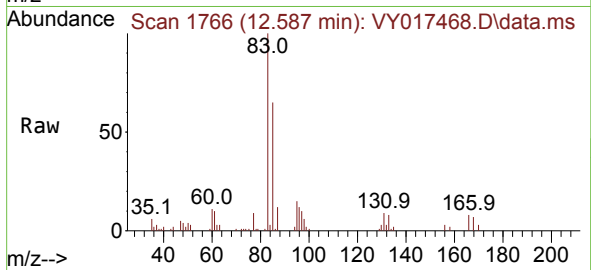
Tgt Ion: 83 Resp: 13472

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 18.919 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017468.D

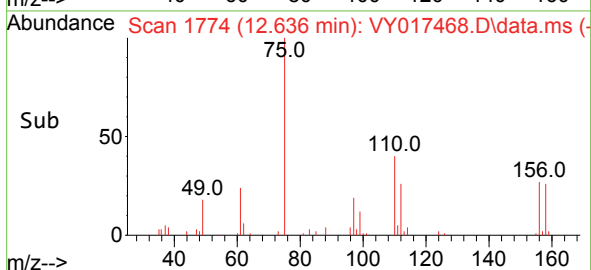
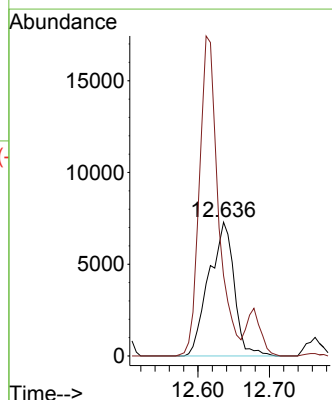
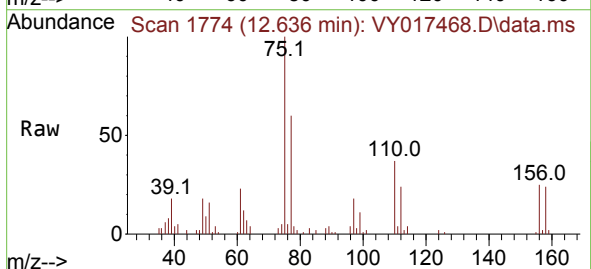
Acq: 23 Feb 2024 16:47

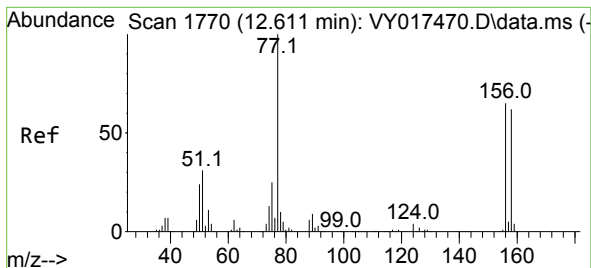
Tgt Ion: 75 Resp: 17896

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.468 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

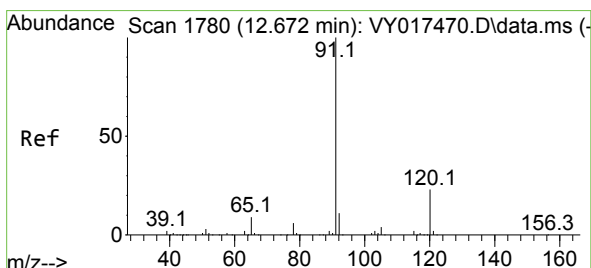
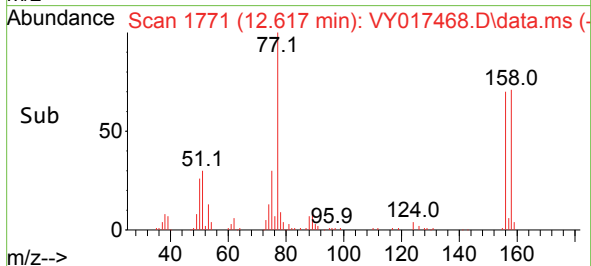
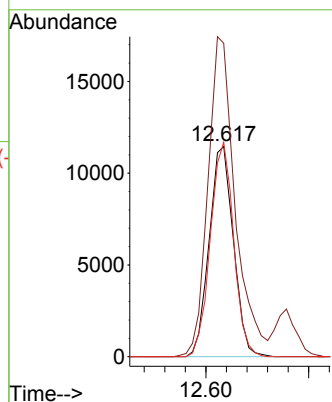
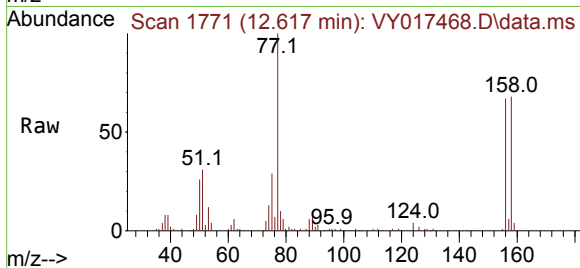
Tgt Ion:156 Resp: 18751

Ion Ratio Lower Upper

156 100

77 171.0 87.1 261.3

158 97.7 48.6 145.9



#78

n-propylbenzene

Concen: 10.524 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017468.D

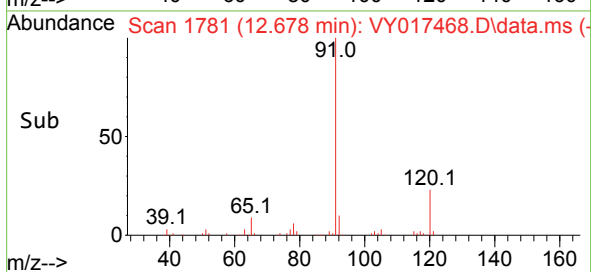
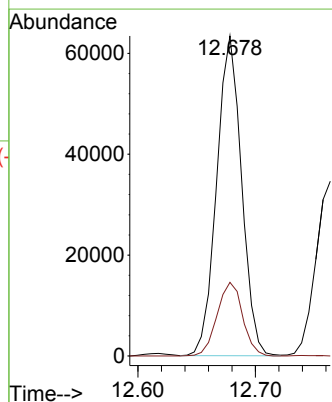
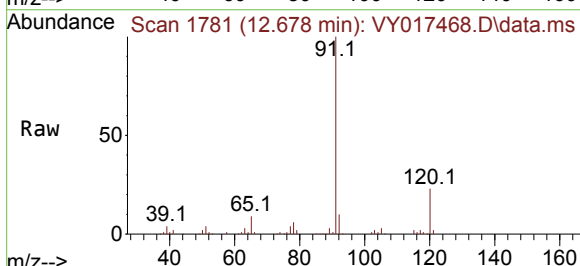
Acq: 23 Feb 2024 16:47

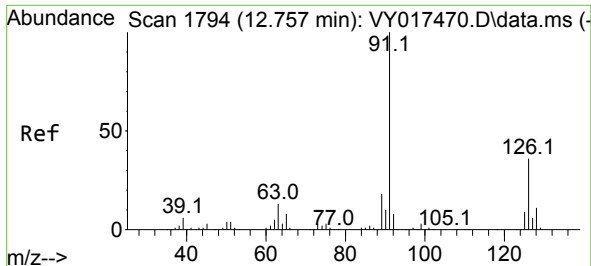
Tgt Ion: 91 Resp: 93402

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

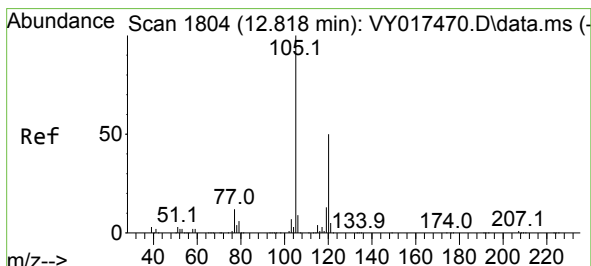
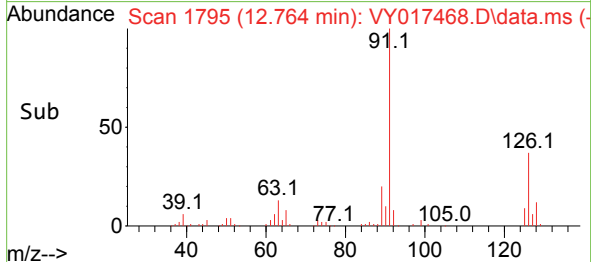
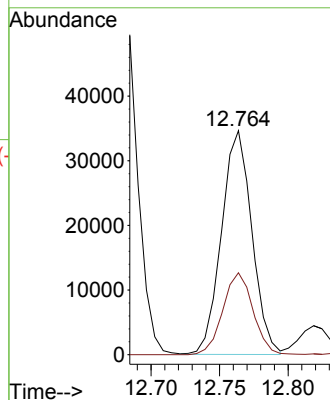
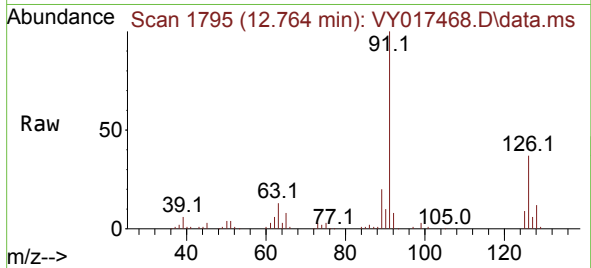




#79
2-Chlorotoluene
Concen: 10.747 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

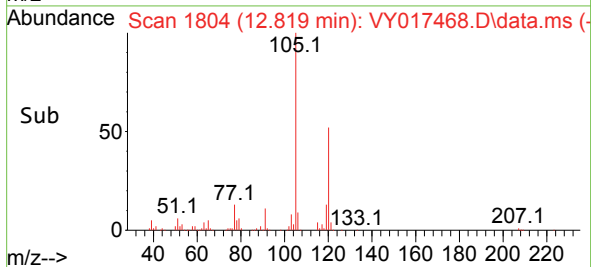
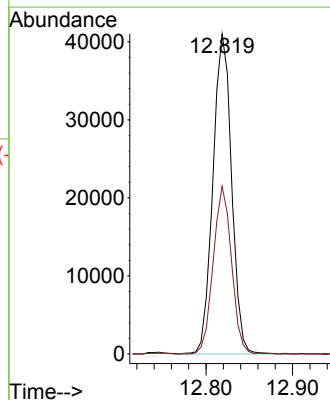
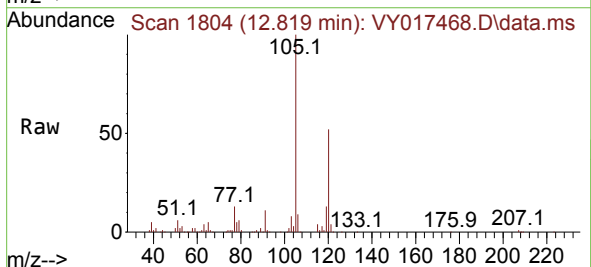
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

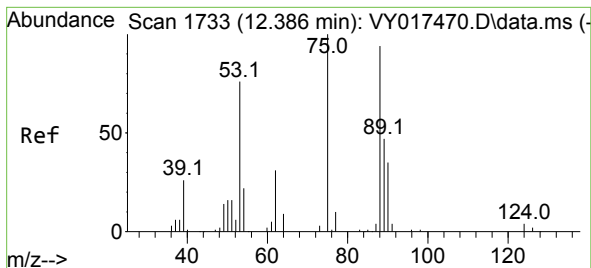
Tgt Ion: 91 Resp: 53400
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 10.350 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion: 105 Resp: 61333
Ion Ratio Lower Upper
105 100
120 51.4 25.1 75.2

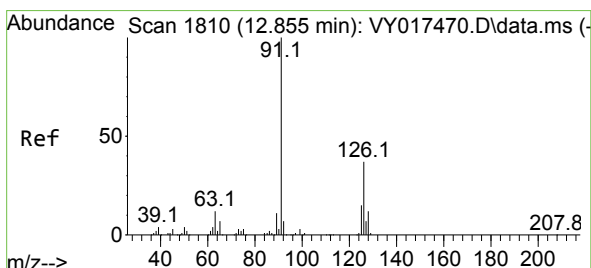
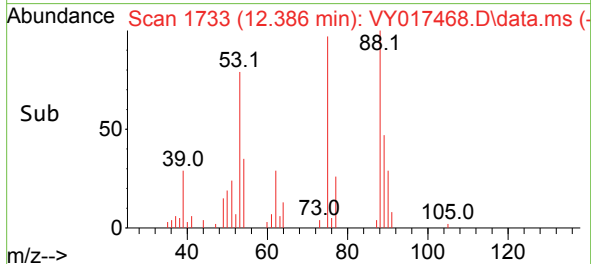
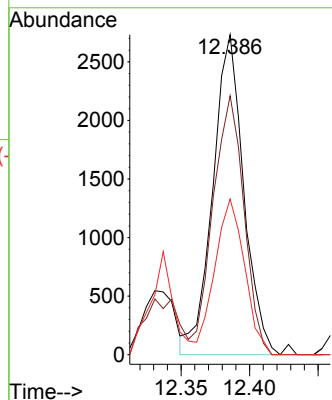
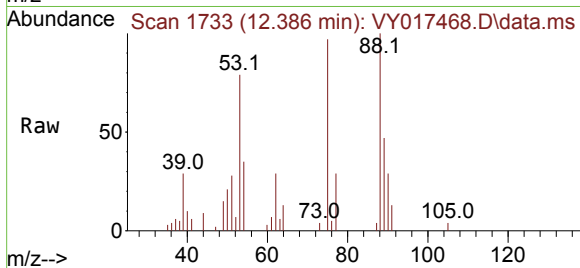




#81
trans-1,4-Dichloro-2-butene
Concen: 10.394 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

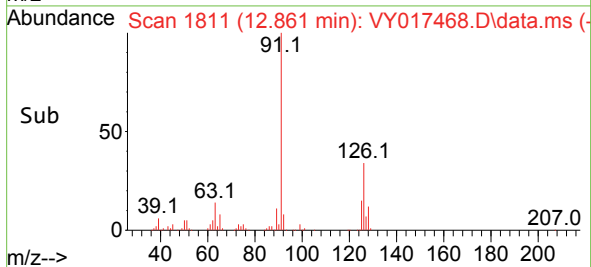
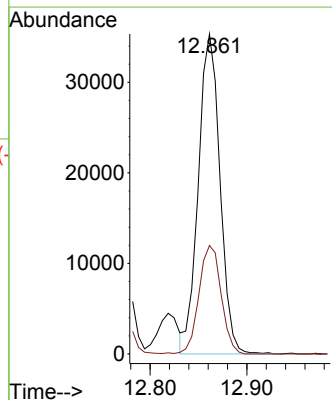
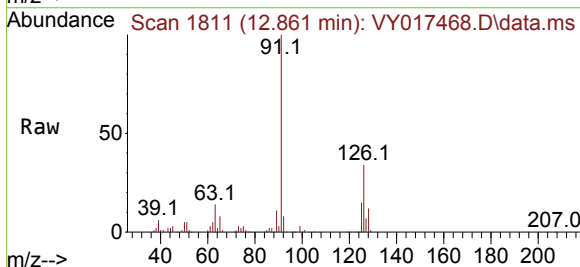
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

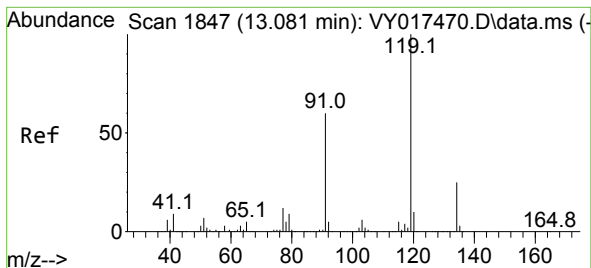
Tgt Ion	Ratio	Lower	Upper
75	100		
53	81.1	66.8	100.2
89	46.8	35.8	53.6



#82
4-Chlorotoluene
Concen: 10.823 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 10.144 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

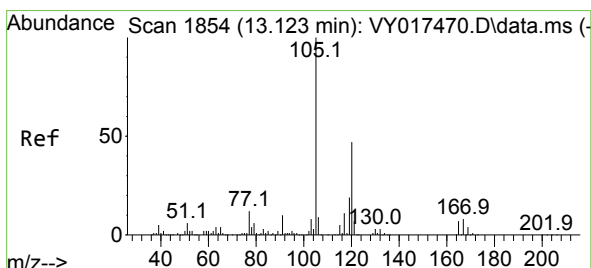
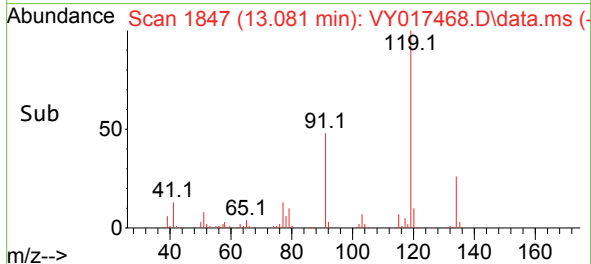
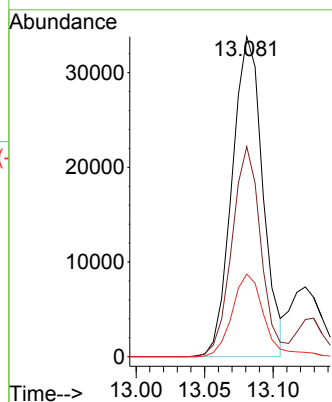
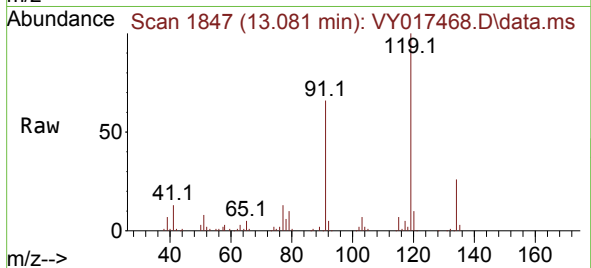
Tgt Ion:119 Resp: 52782

Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 10.233 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017468.D

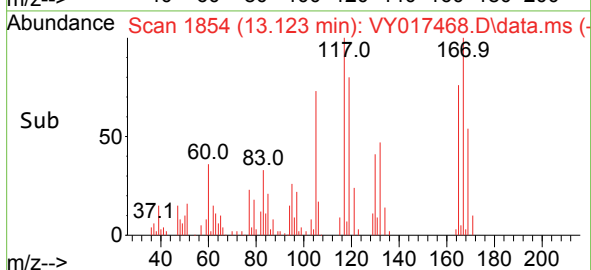
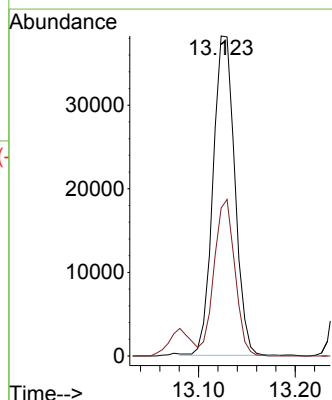
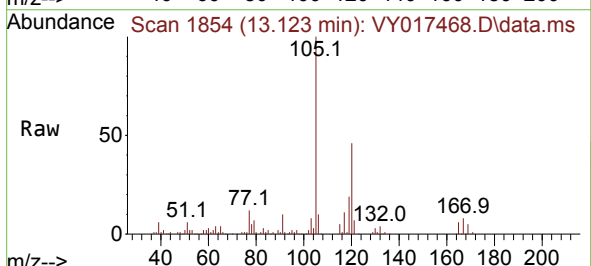
Acq: 23 Feb 2024 16:47

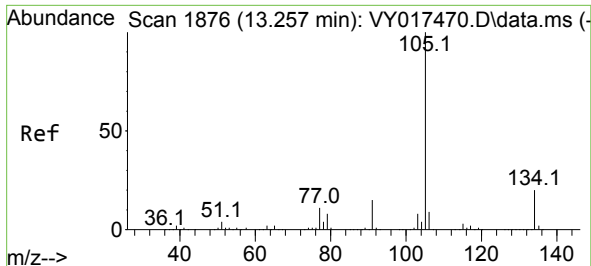
Tgt Ion:105 Resp: 59867

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6

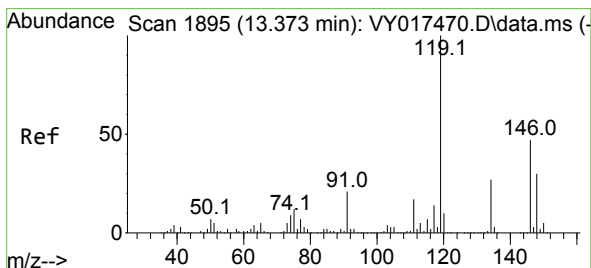
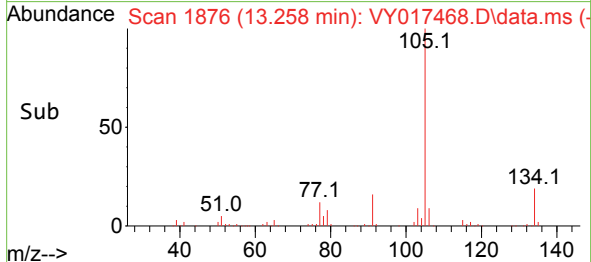
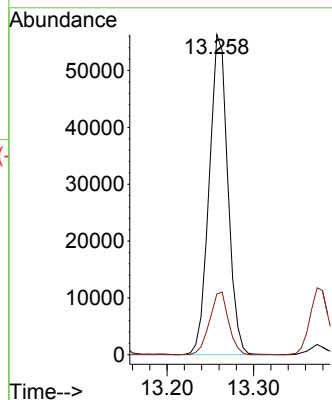
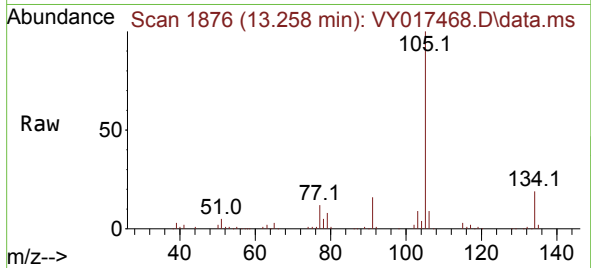




#85
sec-Butylbenzene
Concen: 10.569 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

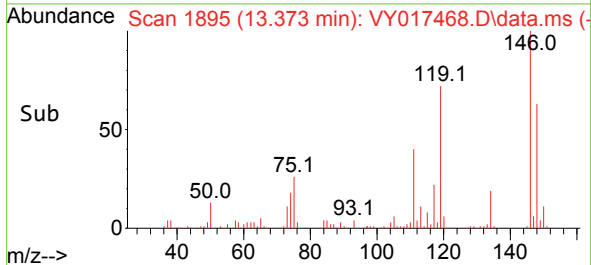
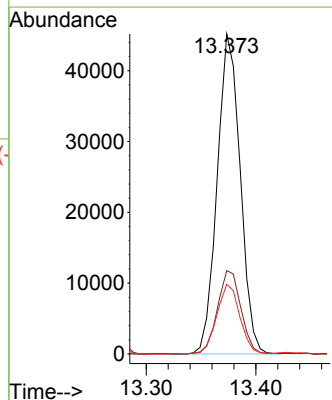
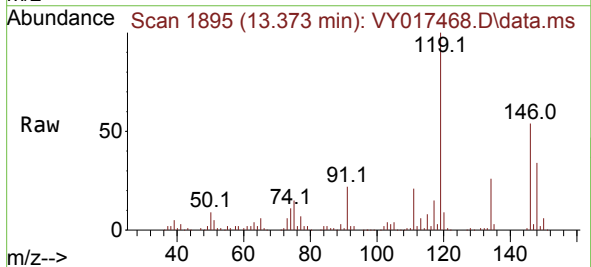
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

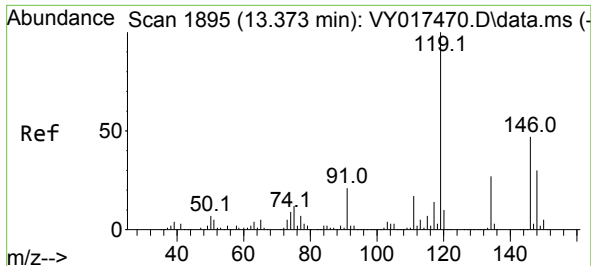
Tgt Ion:105 Resp: 84079
Ion Ratio Lower Upper
105 100
134 20.0 10.1 30.1



#86
p-Isopropyltoluene
Concen: 10.142 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion:119 Resp: 66052
Ion Ratio Lower Upper
119 100
134 26.4 13.1 39.3
91 21.9 10.7 32.1

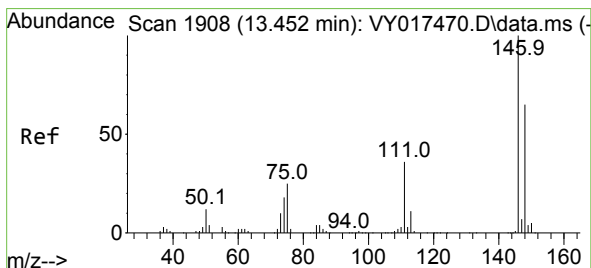
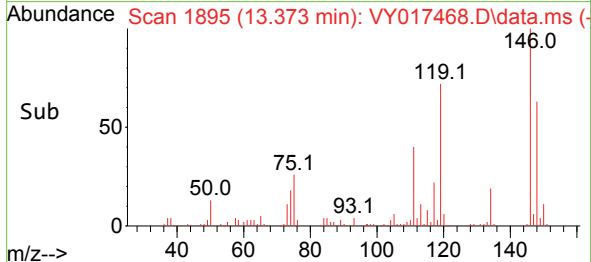
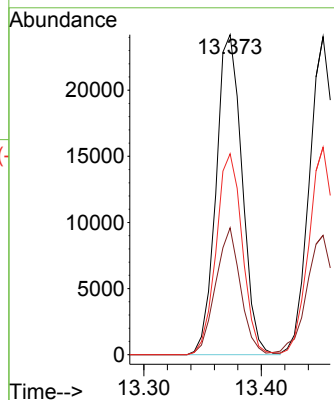
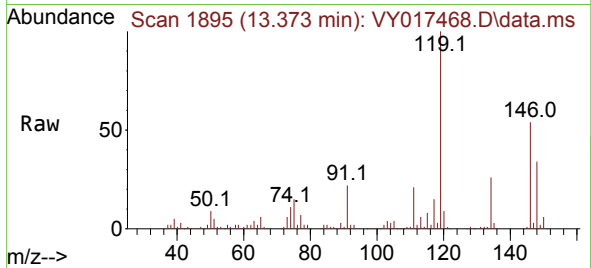




#87
 1,3-Dichlorobenzene
 Concen: 10.342 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017468.D
 Acq: 23 Feb 2024 16:47

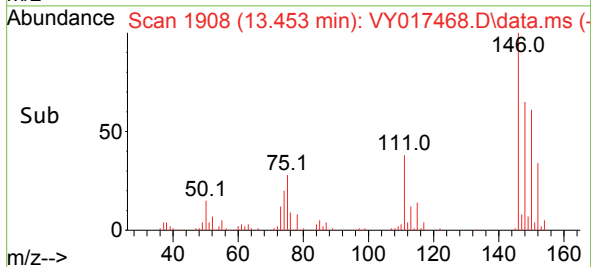
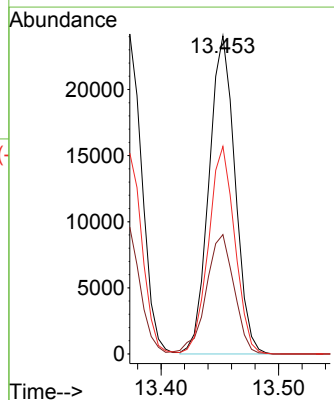
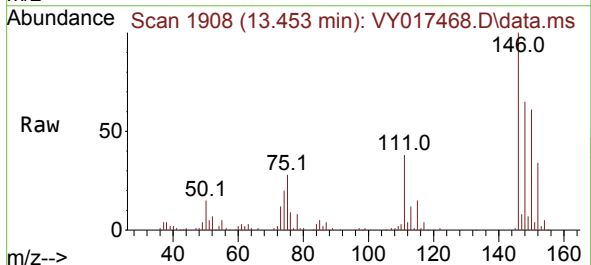
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

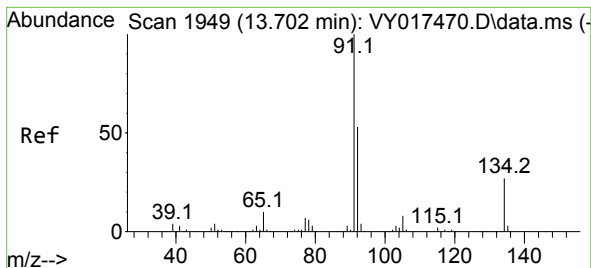
Tgt Ion:146 Resp: 37182
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 10.610 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY017468.D
 Acq: 23 Feb 2024 16:47

Tgt Ion:146 Resp: 37086
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.4 55.4
 148 65.7 32.4 97.2





#89

n-Butylbenzene

Concen: 10.186 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

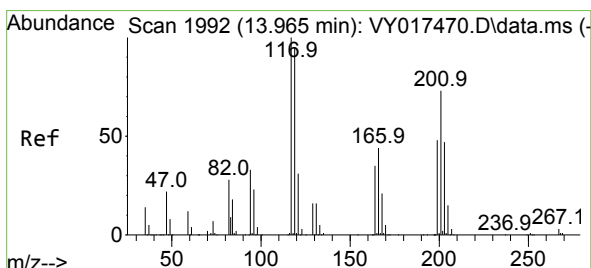
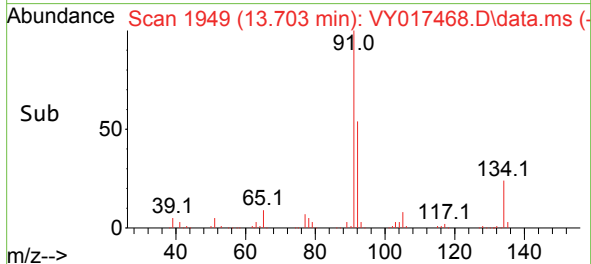
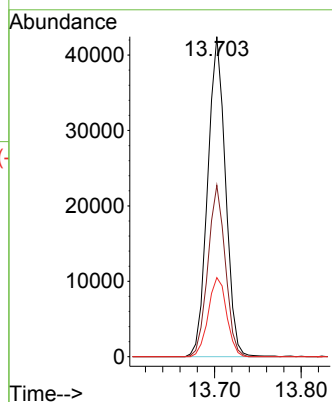
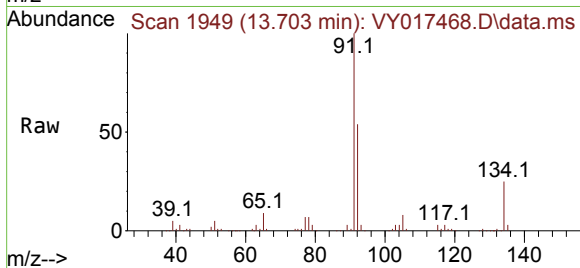
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91	Resp: 60522
Ion Ratio	Lower Upper
91	100
92	52.4 26.6 79.7
134	25.5 12.9 38.7



#90

Hexachloroethane

Concen: 10.622 ug/l

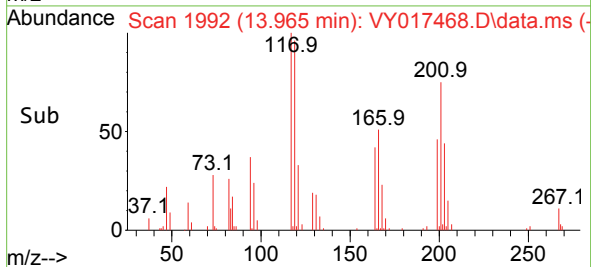
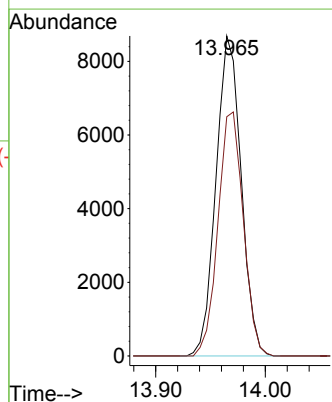
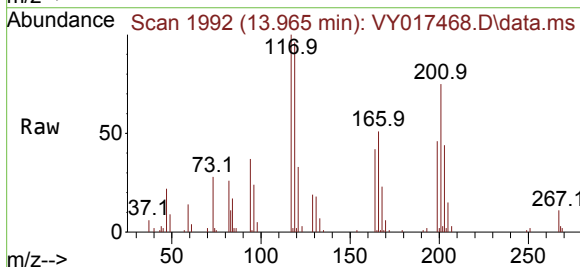
RT: 13.965 min Scan# 1992

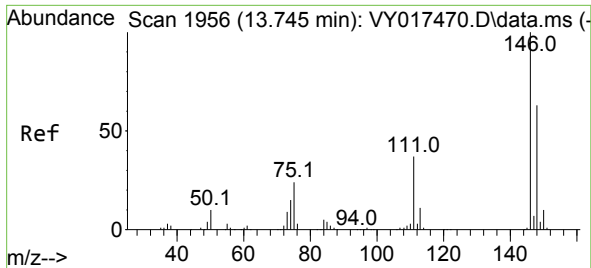
Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Tgt Ion: 117	Resp: 13868
Ion Ratio	Lower Upper
117	100
201	76.7 37.4 112.2

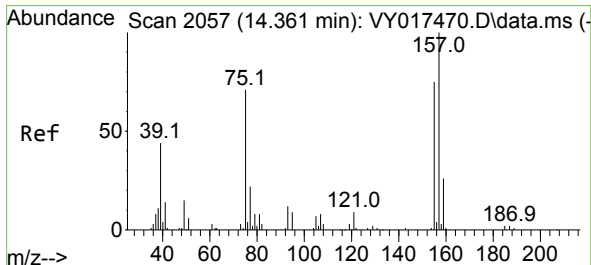
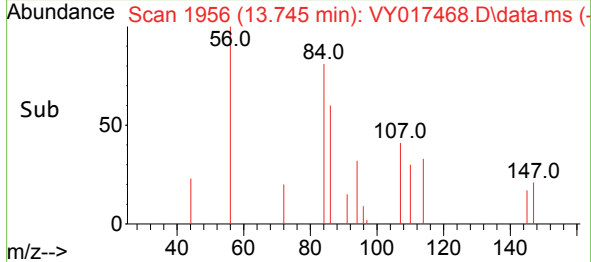
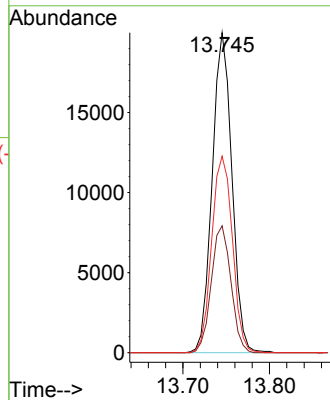
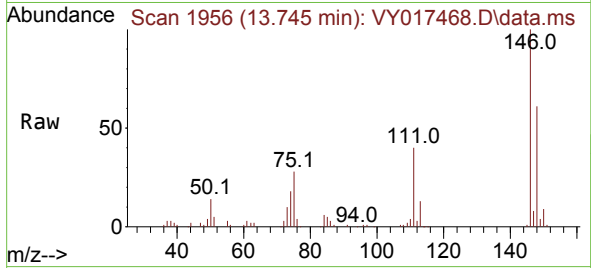




#91
1,2-Dichlorobenzene
Concen: 10.383 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

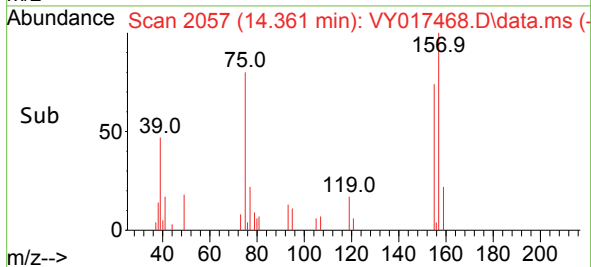
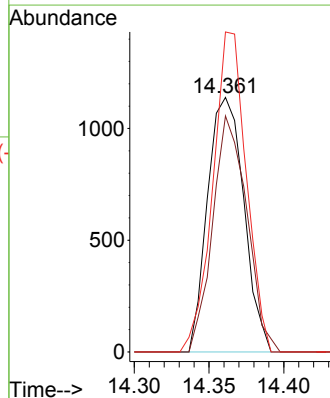
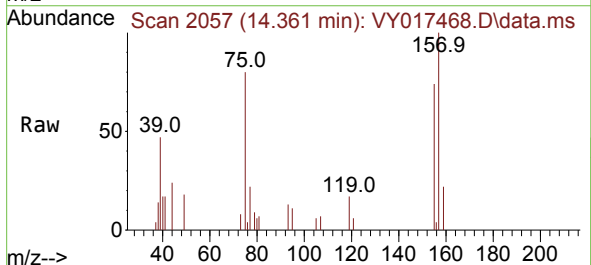
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

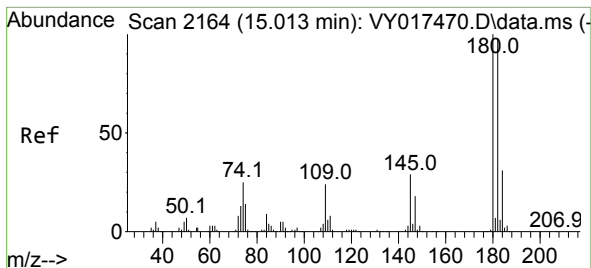
Tgt Ion:	146	Resp:	31576
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	64.6	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.730 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017468.D
Acq: 23 Feb 2024 16:47

Tgt Ion:	75	Resp:	1916
Ion	Ratio	Lower	Upper
75	100		
155	87.5	48.6	145.8
157	116.2	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 9.891 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

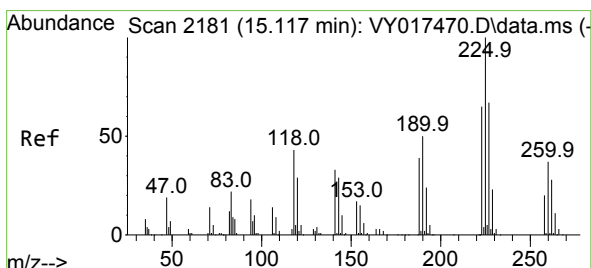
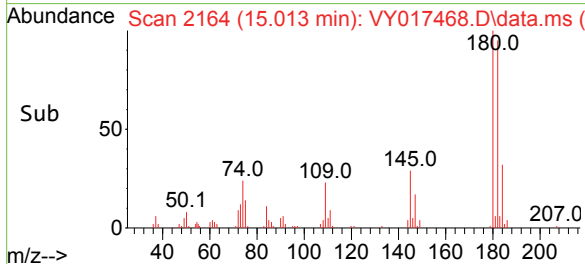
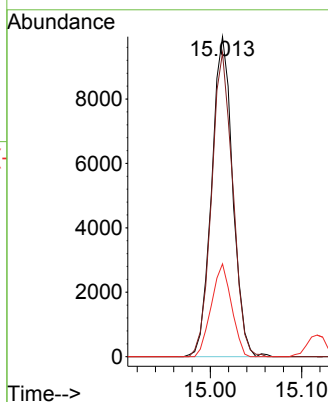
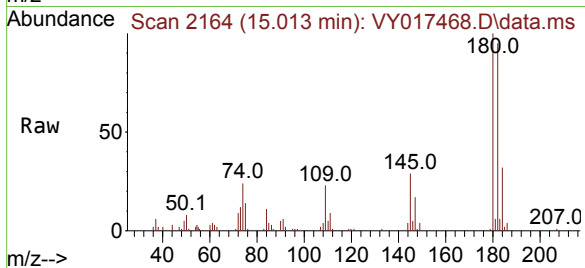
Tgt Ion:180 Resp: 15888

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 27.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 11.003 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

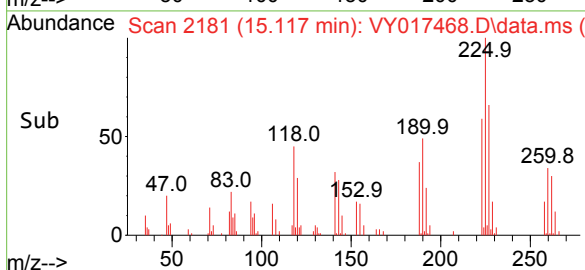
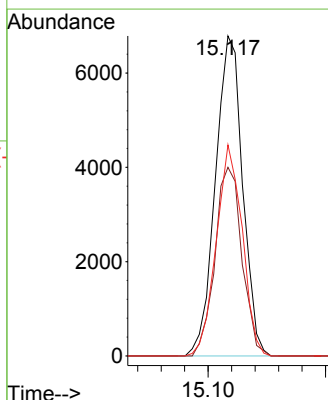
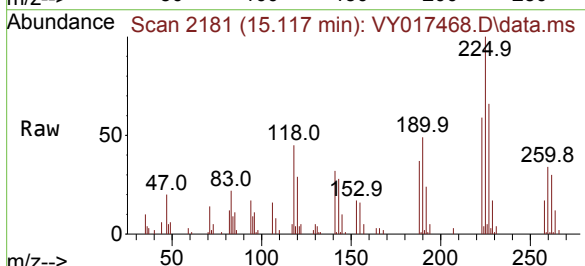
Tgt Ion:225 Resp: 10912

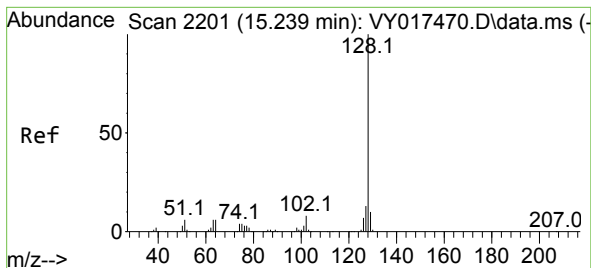
Ion Ratio Lower Upper

225 100

223 58.6 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 11.058 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

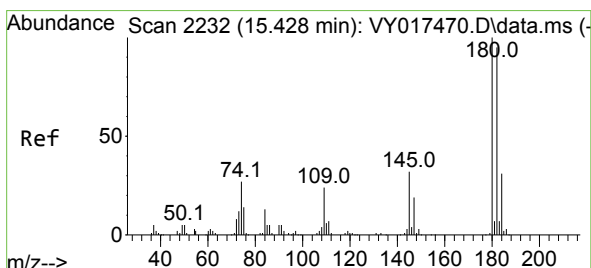
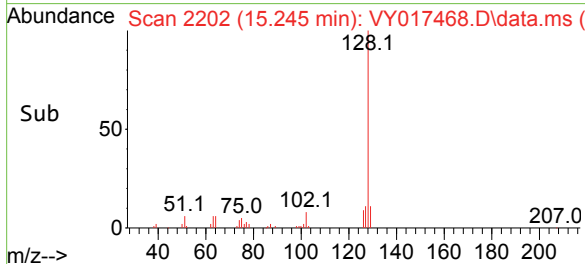
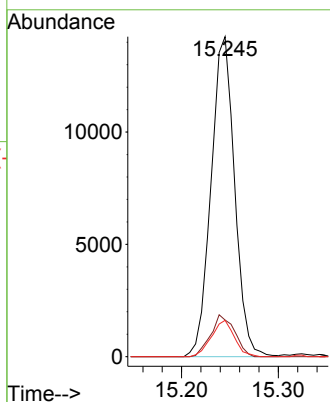
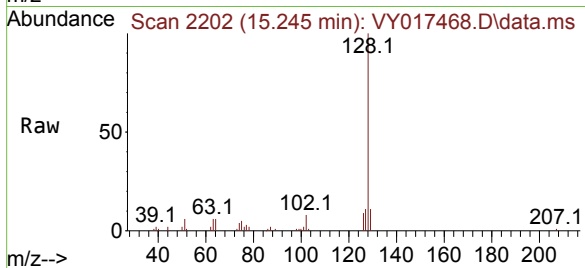
Tgt Ion:128 Resp: 24125

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 10.072 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017468.D

Acq: 23 Feb 2024 16:47

Tgt Ion:180 Resp: 13880

Ion Ratio Lower Upper

180 100

182 92.9 47.6 142.9

145 29.3 15.4 46.1

