

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017993.D
 Acq On : 19 Apr 2024 12:59
 Operator : SY/MD
 Sample : VY0419SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

Quant Time: Apr 19 23:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	452698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	699156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	608518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	294181	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	191572	48.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.80%
35) Dibromofluoromethane	7.722	113	222322	51.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.08%
50) Toluene-d8	10.185	98	859343	52.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.00%
62) 4-Bromofluorobenzene	12.489	95	264336	52.15	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.30%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	71762	19.98	ug/l 98
3) Chloromethane	2.113	50	91731	15.41	ug/l 98
4) Vinyl Chloride	2.253	62	101864	15.19	ug/l 100
5) Bromomethane	2.650	94	69664	15.60	ug/l 96
6) Chloroethane	2.790	64	62047	14.65	ug/l 98
7) Trichlorofluoromethane	3.125	101	133021	17.60	ug/l 97
8) Diethyl Ether	3.534	74	42850	17.94	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.900	101	83784	17.80	ug/l 95
10) Methyl Iodide	4.095	142	116853	18.66	ug/l 97
11) Tert butyl alcohol	4.954	59	23839	74.77	ug/l # 82
12) 1,1-Dichloroethene	3.875	96	82617	18.08	ug/l 98
13) Acrolein	3.729	56	42611	139.66	ug/l 100
14) Allyl chloride	4.485	41	103514	17.50	ug/l 93
15) Acrylonitrile	5.168	53	85193	87.84	ug/l 99
16) Acetone	3.948	43	58198	75.19	ug/l 92
17) Carbon Disulfide	4.198	76	254205	17.49	ug/l 98
18) Methyl Acetate	4.479	43	33303	16.35	ug/l 98
19) Methyl tert-butyl Ether	5.229	73	174613	17.53	ug/l 98
20) Methylene Chloride	4.723	84	104268	19.88	ug/l 97
21) trans-1,2-Dichloroethene	5.222	96	91325	18.24	ug/l 99
22) Diisopropyl ether	6.125	45	235035	18.13	ug/l 97
23) Vinyl Acetate	6.064	43	678707	88.28	ug/l 99
24) 1,1-Dichloroethane	6.021	63	150433	17.77	ug/l 100
25) 2-Butanone	6.990	43	96983	85.24	ug/l 98
26) 2,2-Dichloropropane	6.984	77	120749	17.78	ug/l 97
27) cis-1,2-Dichloroethene	6.990	96	103291	18.07	ug/l 99
28) Bromochloromethane	7.338	49	63821	19.17	ug/l 99
29) Tetrahydrofuran	7.356	42	62236	86.20	ug/l 96
30) Chloroform	7.509	83	152675	17.65	ug/l 100
31) Cyclohexane	7.789	56	132491	17.69	ug/l 96
32) 1,1,1-Trichloroethane	7.704	97	128855	17.88	ug/l 99
36) 1,1-Dichloropropene	7.923	75	113029	18.02	ug/l 98
37) Ethyl Acetate	7.082	43	44016	17.06	ug/l # 97
38) Carbon Tetrachloride	7.905	117	116447	18.37	ug/l 100
39) Methylcyclohexane	9.191	83	143057	17.50	ug/l 96
40) Benzene	8.167	78	361394	18.39	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	32340	19.86	ug/l #	15
42) 1,2-Dichloroethane	8.240	62	80428	17.86	ug/l	99
43) Isopropyl Acetate	8.277	43	84706	17.61	ug/l	98
44) Trichloroethene	8.947	130	92800	18.59	ug/l	97
45) 1,2-Dichloropropane	9.222	63	81235	17.96	ug/l	98
46) Dibromomethane	9.307	93	44310	17.71	ug/l	95
47) Bromodichloromethane	9.502	83	113541	18.09	ug/l	97
48) Methyl methacrylate	9.295	41	37663	17.08	ug/l	97
49) 1,4-Dioxane	9.301	88	10046	351.74	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	223683	87.71	ug/l	99
52) Toluene	10.252	92	223423	18.53	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	102373	17.87	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	126729	18.00	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	61701	18.14	ug/l	98
56) Ethyl methacrylate	10.514	69	78319	17.66	ug/l	98
57) 1,3-Dichloropropane	10.795	76	104604	18.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	194735	84.49	ug/l	100
59) 2-Hexanone	10.837	43	152440	87.56	ug/l	97
60) Dibromochloromethane	10.990	129	79707	18.24	ug/l	99
61) 1,2-Dibromoethane	11.093	107	56187	17.73	ug/l	99
64) Tetrachloroethene	10.728	164	80699	18.51	ug/l	99
65) Chlorobenzene	11.520	112	247123	18.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	81515	18.54	ug/l	99
67) Ethyl Benzene	11.599	91	408307	18.18	ug/l	97
68) m/p-Xylenes	11.709	106	319474	37.04	ug/l	99
69) o-Xylene	12.038	106	146578	18.20	ug/l	99
70) Styrene	12.051	104	252338	18.54	ug/l	99
71) Bromoform	12.215	173	45991	18.10	ug/l #	100
73) Isopropylbenzene	12.337	105	383927	17.91	ug/l	98
74) N-amyl acetate	12.148	43	73527	16.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	70056	17.52	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	83240	30.15	ug/l #	100
77) Bromobenzene	12.617	156	94318	18.18	ug/l	98
78) n-propylbenzene	12.678	91	467910	17.99	ug/l	98
79) 2-Chlorotoluene	12.764	91	260301	17.88	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	311925	18.35	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	22434	16.76	ug/l	98
82) 4-Chlorotoluene	12.861	91	270121	17.92	ug/l	98
83) tert-Butylbenzene	13.081	119	282945	18.23	ug/l	97
84) 1,2,4-Trimethylbenzene	13.124	105	308989	18.25	ug/l	99
85) sec-Butylbenzene	13.258	105	418133	17.93	ug/l	99
86) p-Isopropyltoluene	13.373	119	347565	18.14	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	185301	18.00	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	182922	18.10	ug/l	99
89) n-Butylbenzene	13.703	91	321204	17.82	ug/l	99
90) Hexachloroethane	13.965	117	69817	17.77	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	161657	18.21	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8529	16.59	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	94253	18.23	ug/l	98
94) Hexachlorobutadiene	15.117	225	55793	18.19	ug/l	98
95) Naphthalene	15.239	128	144652	16.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	79128	18.24	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

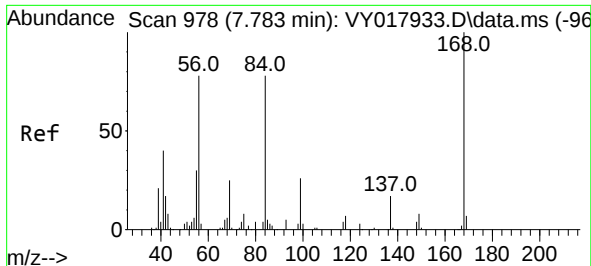
Quant Time: Apr 19 23:23:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

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

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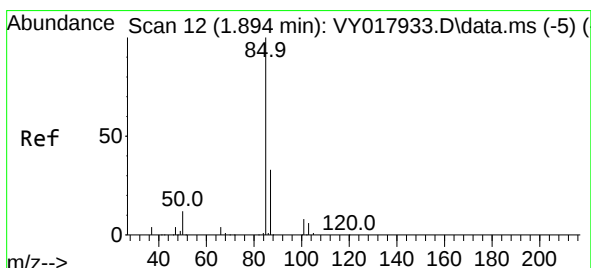
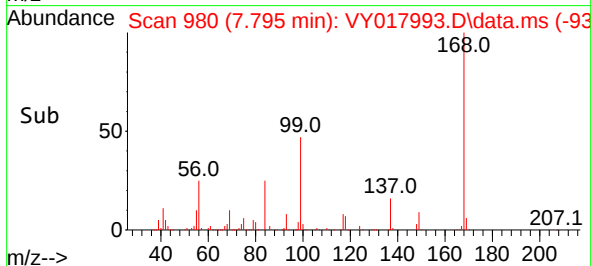
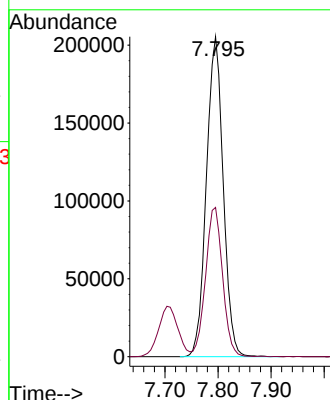
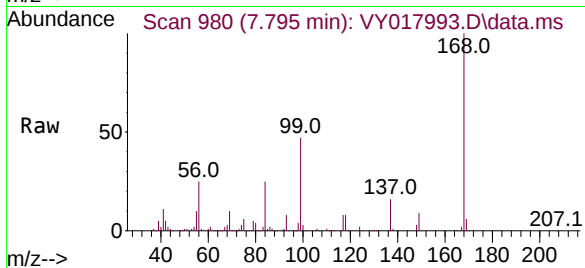




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

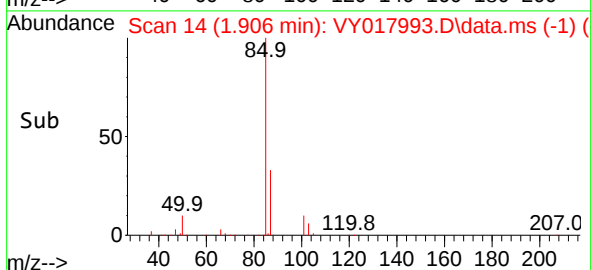
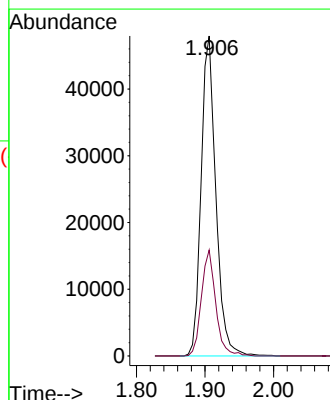
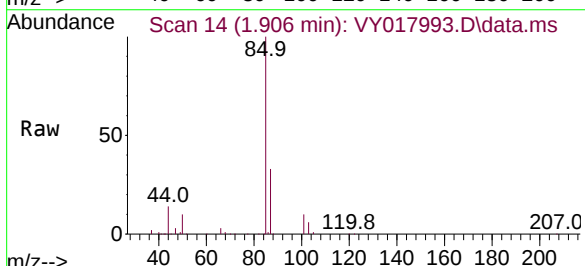
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

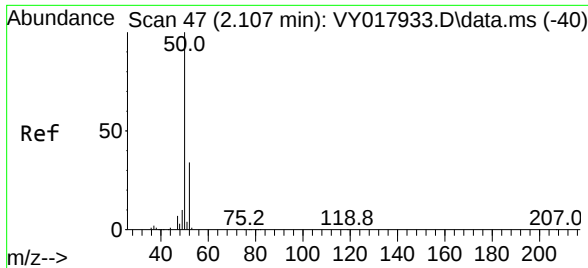
Tgt Ion:168 Resp: 452698
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.98 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 85 Resp: 71762
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0

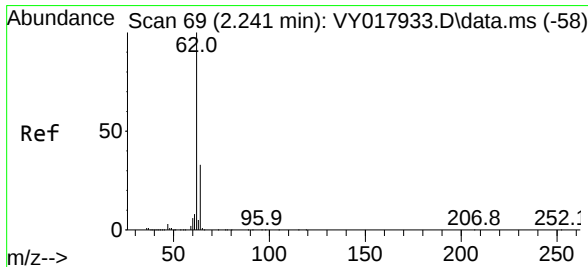
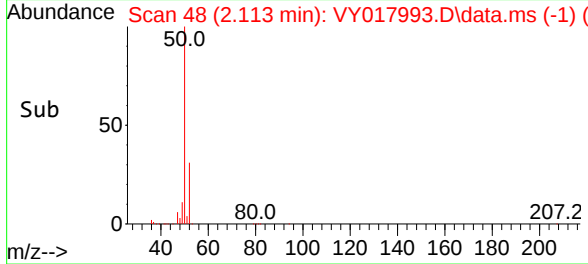
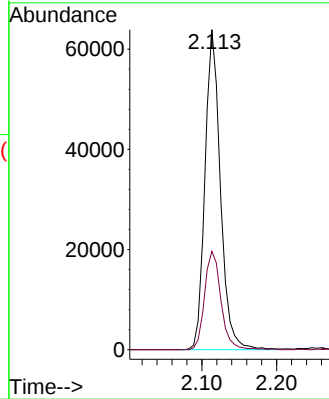
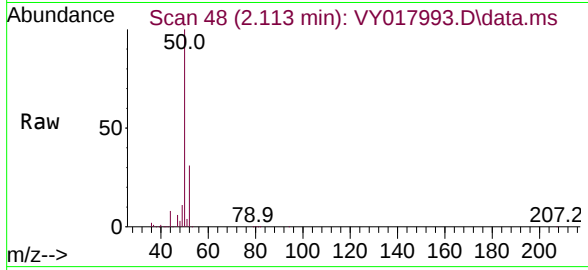




#3
Chloromethane
Concen: 15.41 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

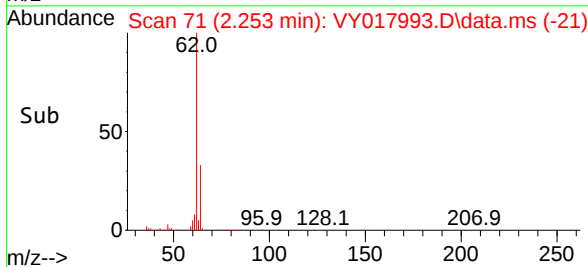
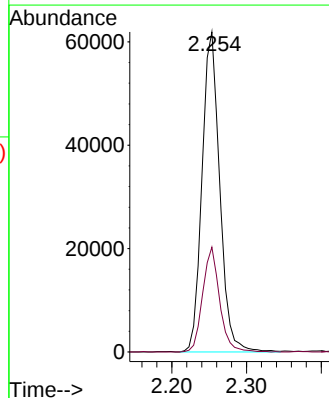
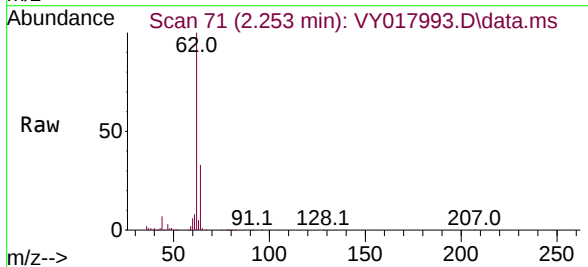
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

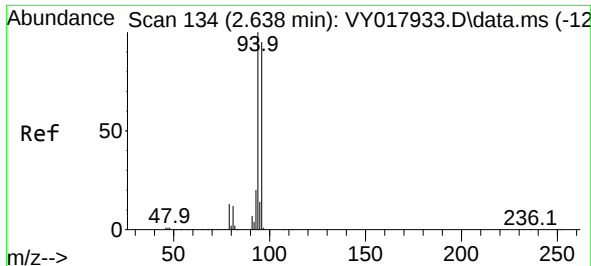
Tgt Ion: 50 Resp: 91731
Ion Ratio Lower Upper
50 100
52 30.8 25.6 38.4



#4
Vinyl Chloride
Concen: 15.19 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 62 Resp: 101864
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1





#5

Bromomethane

Concen: 15.60 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

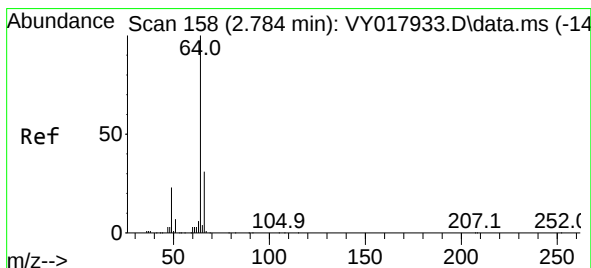
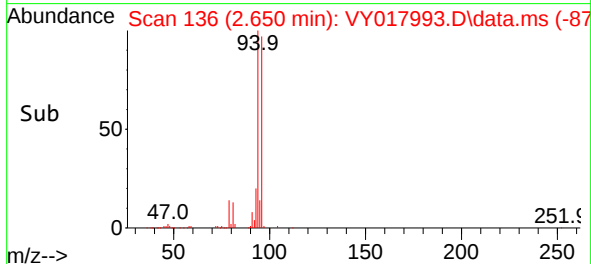
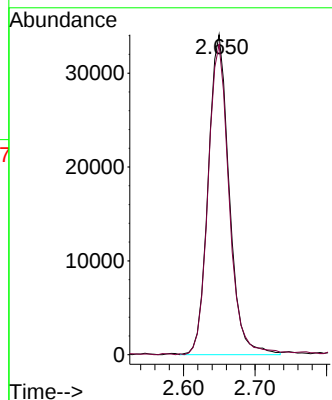
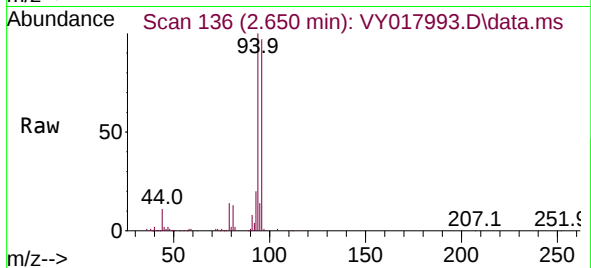
VY0419SBS01

Tgt Ion: 94 Resp: 69664

Ion Ratio Lower Upper

94 100

96 96.6 74.1 111.1



#6

Chloroethane

Concen: 14.65 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.000 min

Lab File: VY017993.D

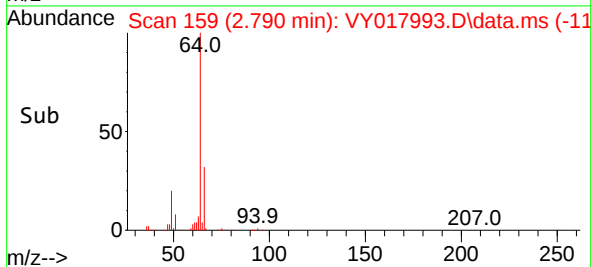
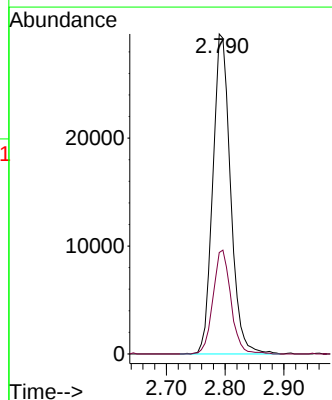
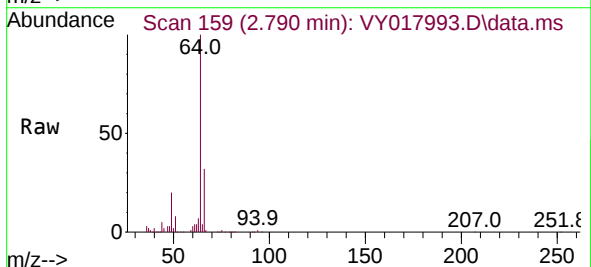
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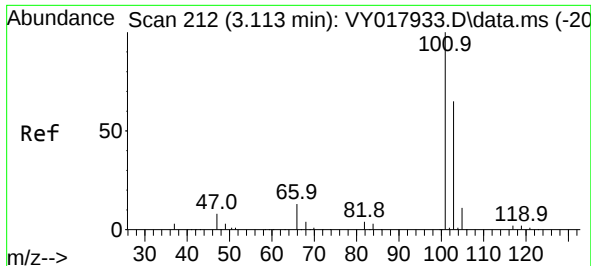
Tgt Ion: 64 Resp: 62047

Ion Ratio Lower Upper

64 100

66 31.7 26.1 39.1

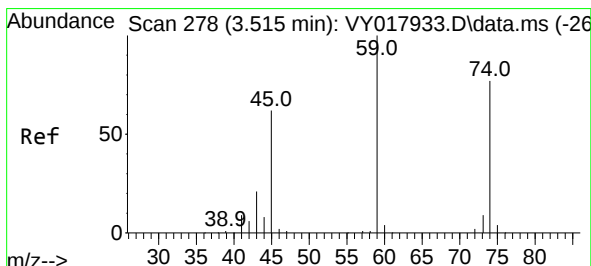
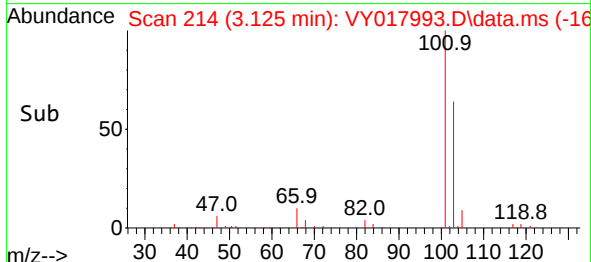
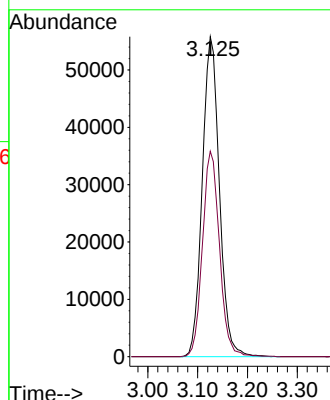
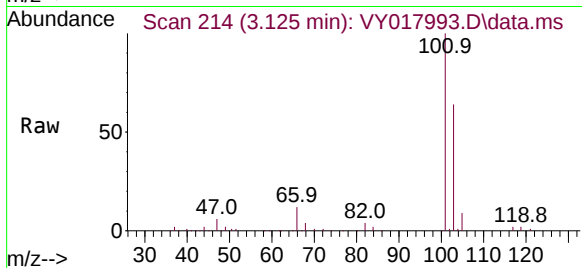




#7
Trichlorofluoromethane
Concen: 17.60 ug/l
RT: 3.125 min Scan# 211
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

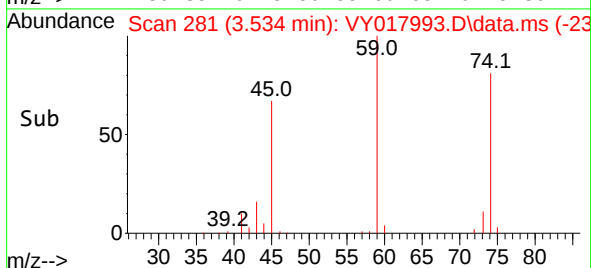
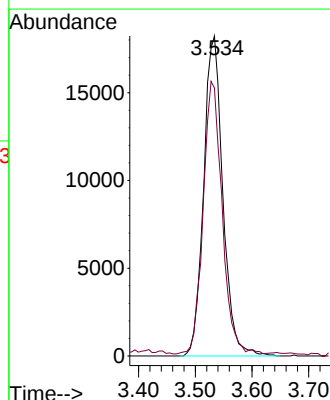
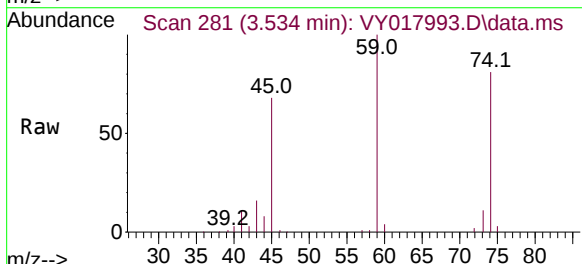
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

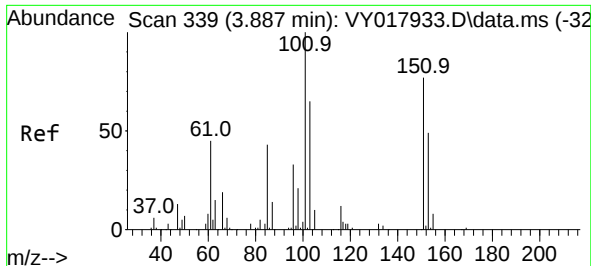
Tgt Ion:101 Resp: 133021
Ion Ratio Lower Upper
101 100
103 64.2 49.3 73.9



#8
Diethyl Ether
Concen: 17.94 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 74 Resp: 42850
Ion Ratio Lower Upper
74 100
45 84.1 41.3 124.1

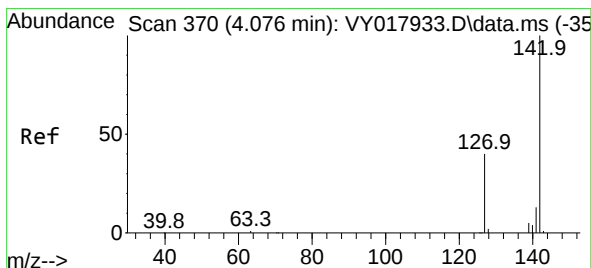
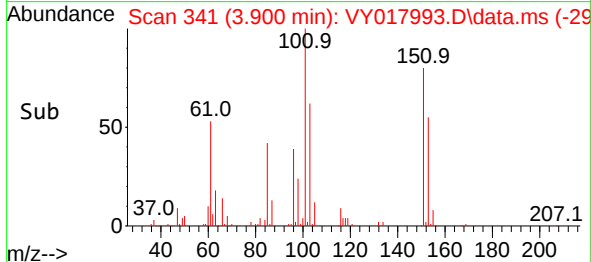
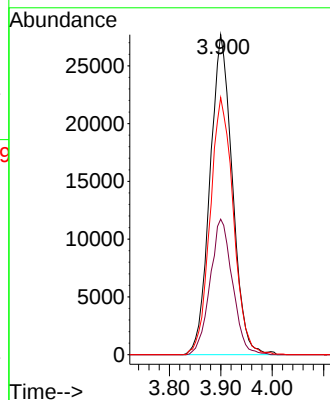
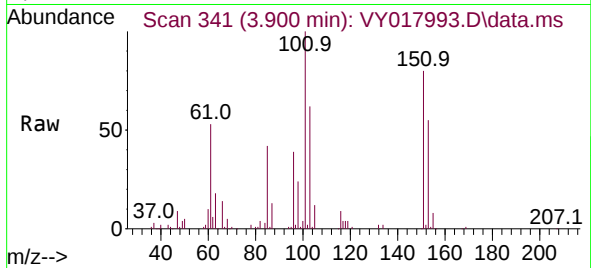




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.80 ug/l
 RT: 3.900 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY017993.D
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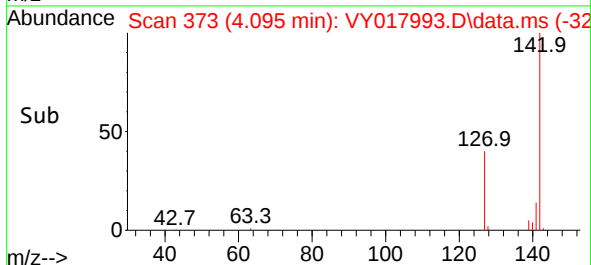
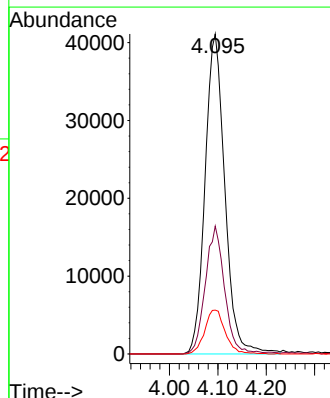
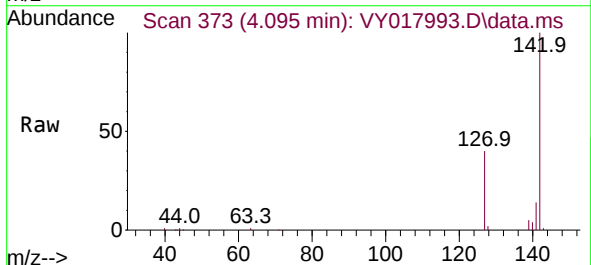
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

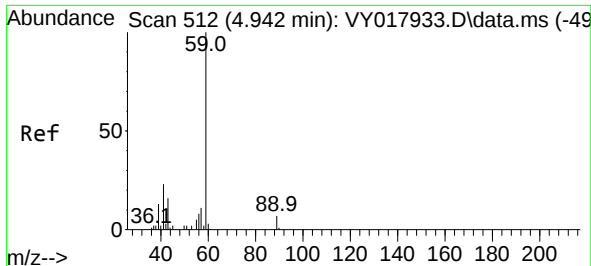
Tgt Ion:101 Resp: 83784
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.5 51.7
 151 83.2 61.7 92.5



#10
 Methyl Iodide
 Concen: 18.66 ug/l
 RT: 4.095 min Scan# 373
 Delta R.T. 0.006 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

Tgt Ion:142 Resp: 116853
 Ion Ratio Lower Upper
 142 100
 127 38.8 32.8 49.2
 141 14.2 11.4 17.2

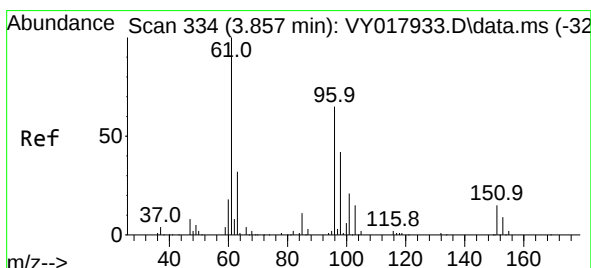
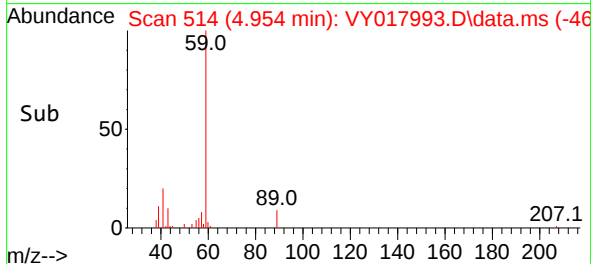
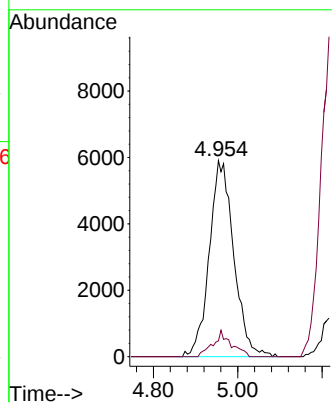
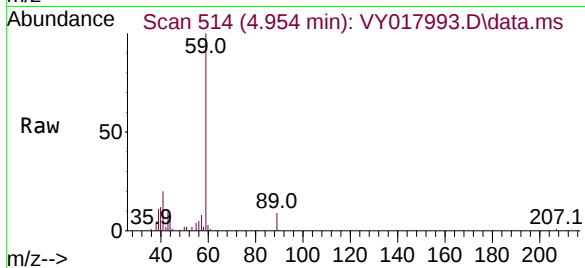




#11
Tert butyl alcohol
Concen: 74.77 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

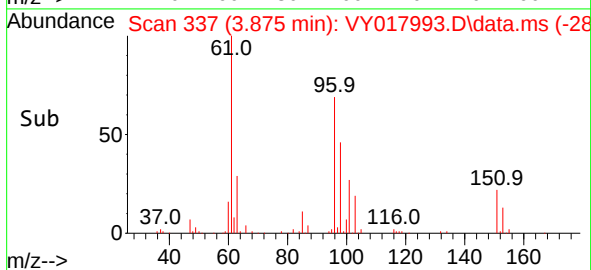
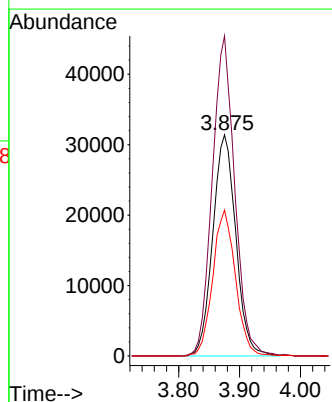
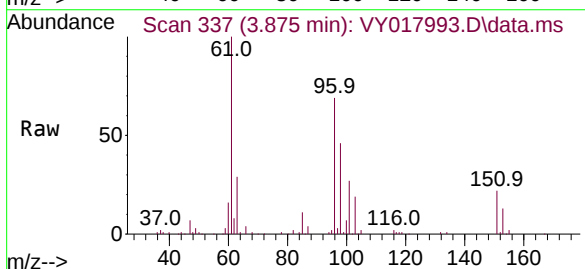
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

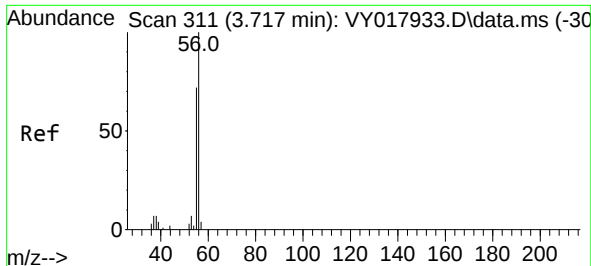
Tgt Ion: 59 Resp: 23839
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.08 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 96 Resp: 82617
Ion Ratio Lower Upper
96 100
61 144.8 114.6 171.8
98 66.0 50.8 76.2





#13

Acrolein

Concen: 139.66 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY017993.D

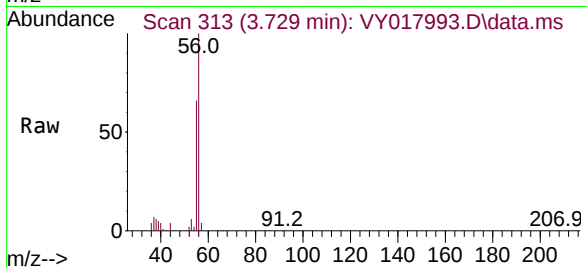
Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

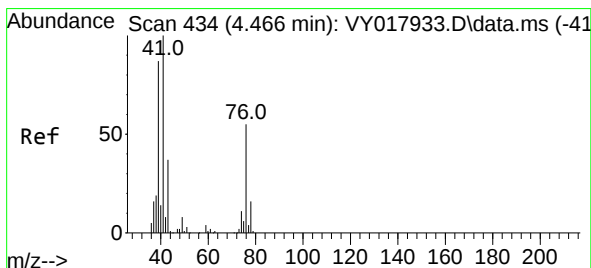
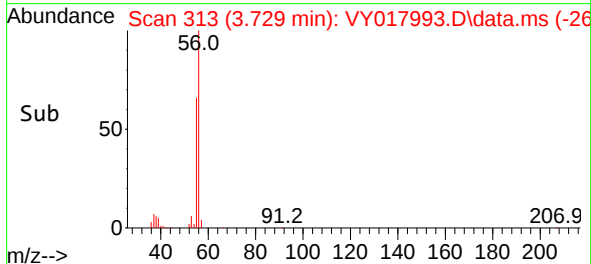
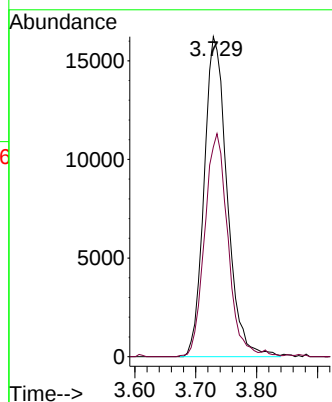


Tgt Ion: 56 Resp: 42611

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 17.50 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

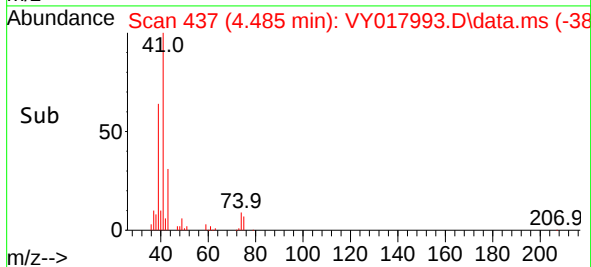
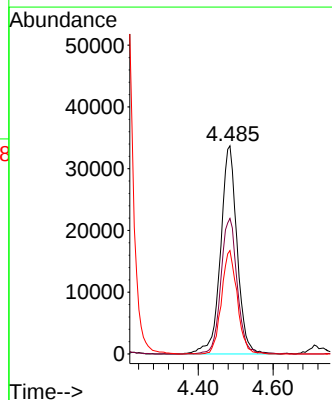
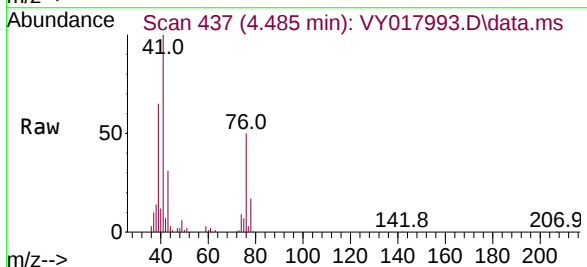
Tgt Ion: 41 Resp: 103514

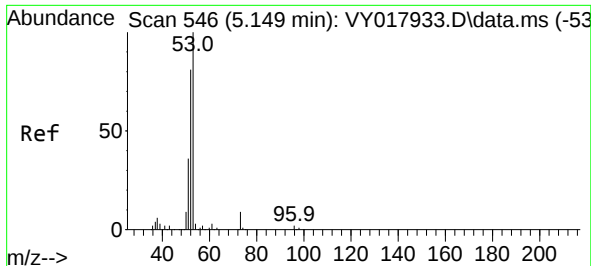
Ion Ratio Lower Upper

41 100

39 64.5 58.3 87.5

76 47.3 39.0 58.6





#15

Acrylonitrile

Concen: 87.84 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

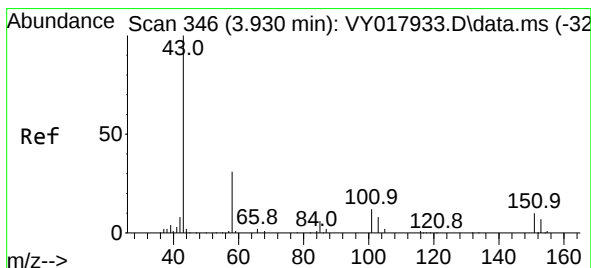
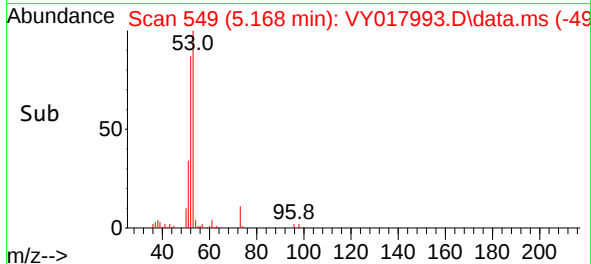
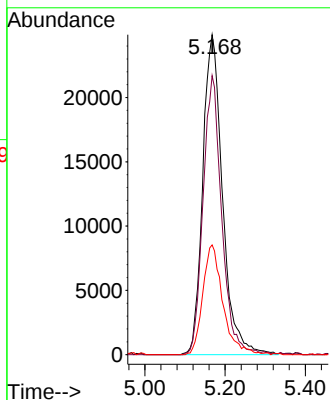
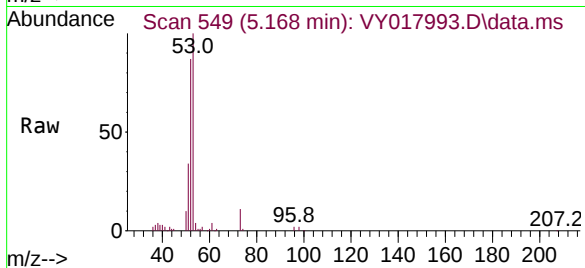
Tgt Ion: 53 Resp: 85193

Ion Ratio Lower Upper

53 100

52 82.0 64.7 97.1

51 34.9 28.4 42.6



#16

Acetone

Concen: 75.19 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY017993.D

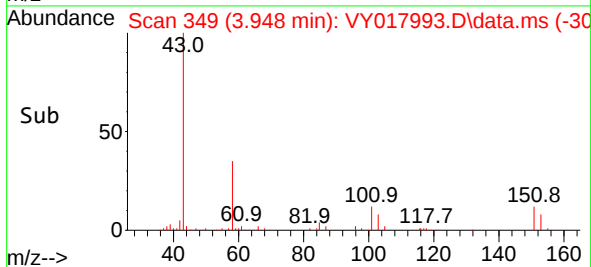
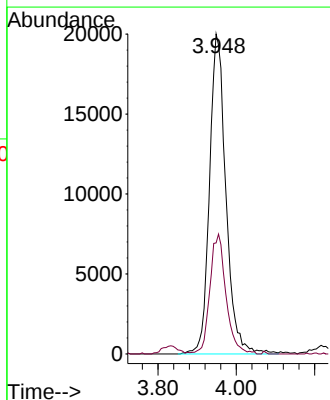
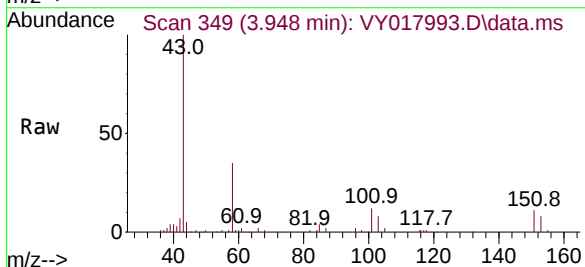
Acq: 19 Apr 2024 12:59

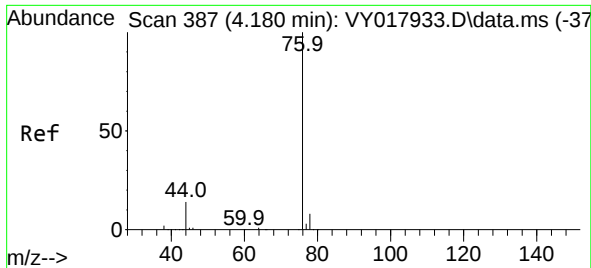
Tgt Ion: 43 Resp: 58198

Ion Ratio Lower Upper

43 100

58 34.7 31.7 47.5





#17

Carbon Disulfide

Concen: 17.49 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

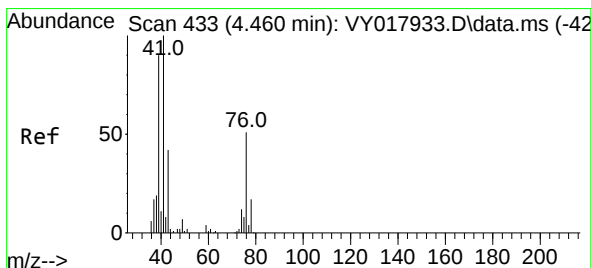
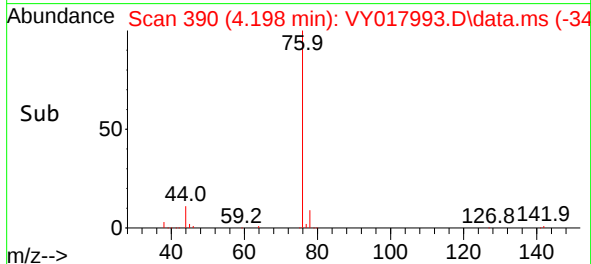
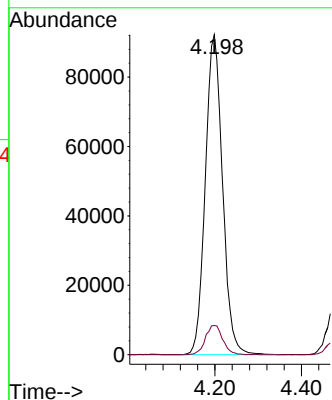
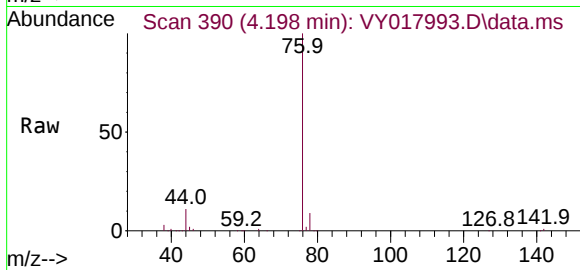
VY0419SBS01

Tgt Ion: 76 Resp: 254205

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 16.35 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017993.D

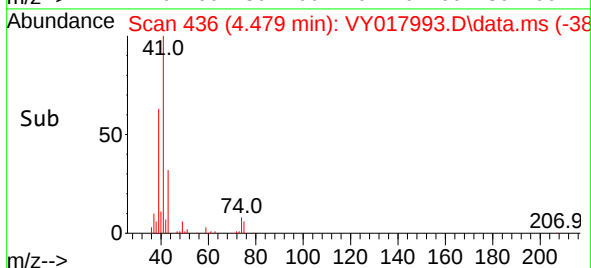
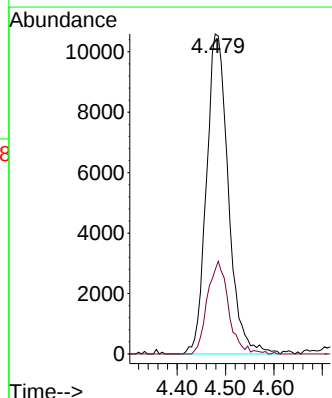
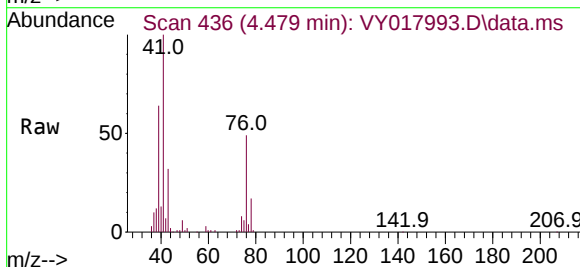
Acq: 19 Apr 2024 12:59

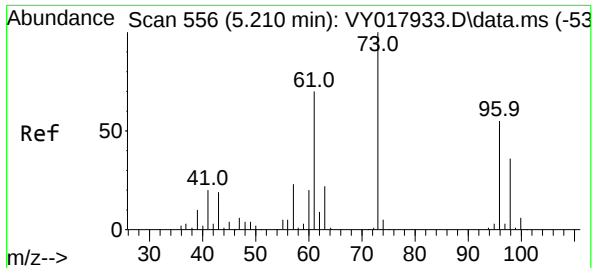
Tgt Ion: 43 Resp: 33303

Ion Ratio Lower Upper

43 100

74 28.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 17.53 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

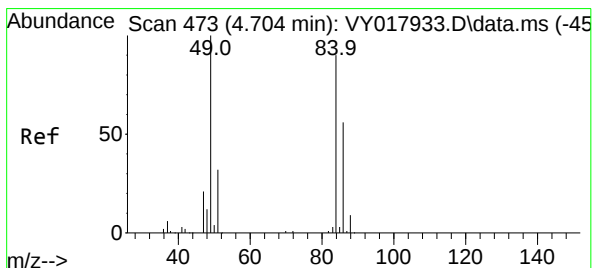
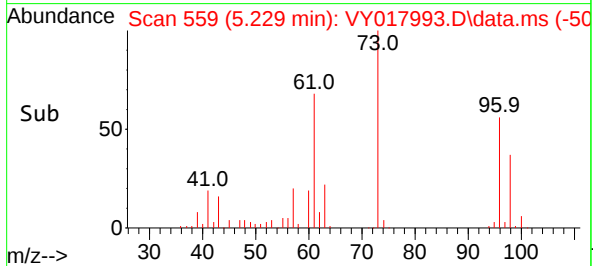
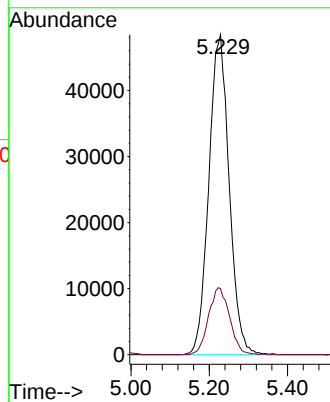
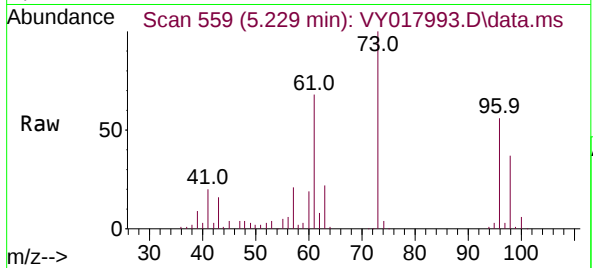
VY0419SBS01

Tgt Ion: 73 Resp: 174613

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 19.88 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion: 84 Resp: 104268

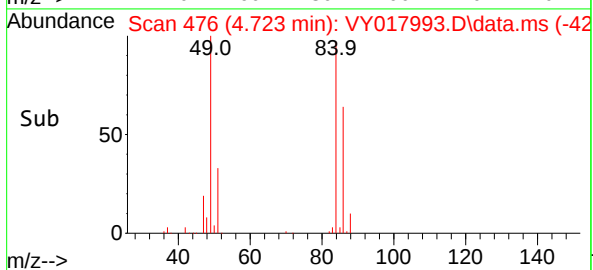
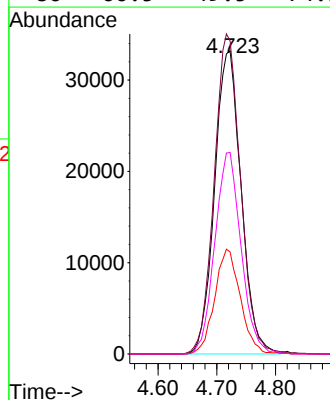
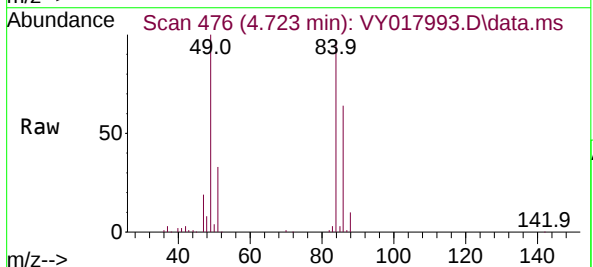
Ion Ratio Lower Upper

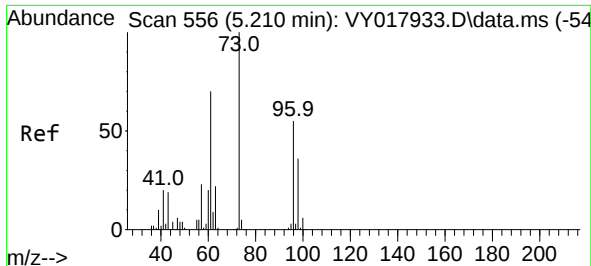
84 100

49 103.3 84.4 126.6

51 33.6 26.0 39.0

86 66.5 49.5 74.3

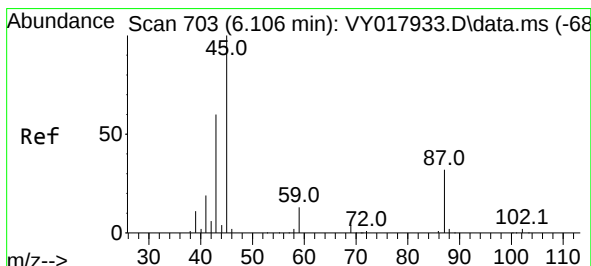
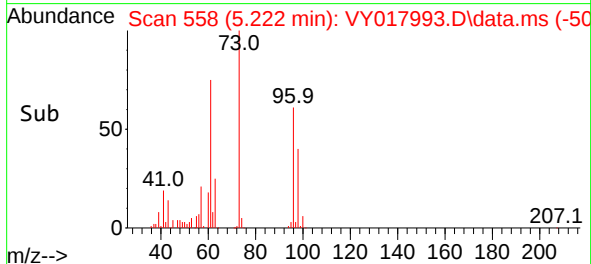
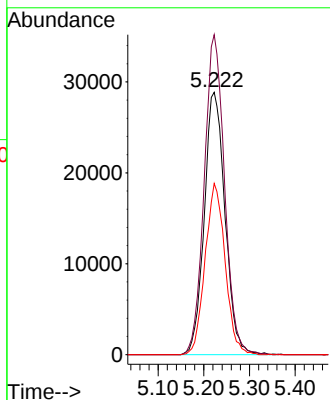
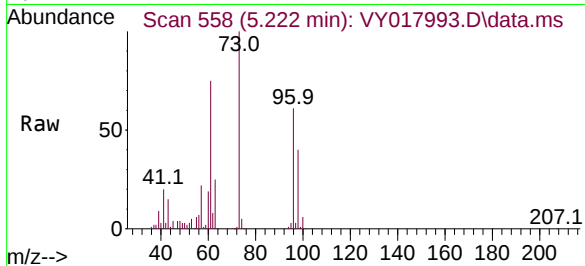




#21
trans-1,2-Dichloroethene
Concen: 18.24 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

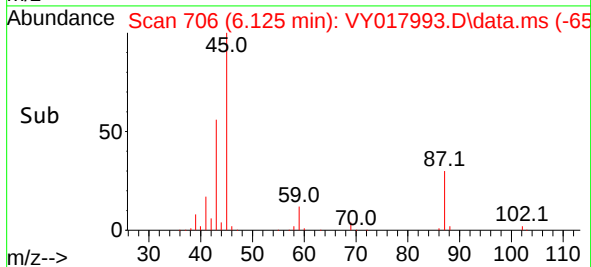
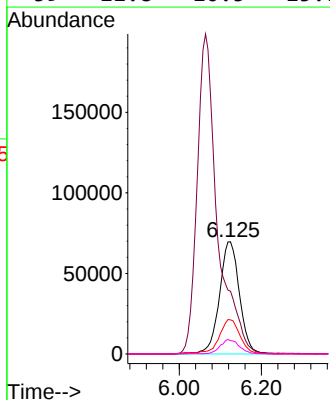
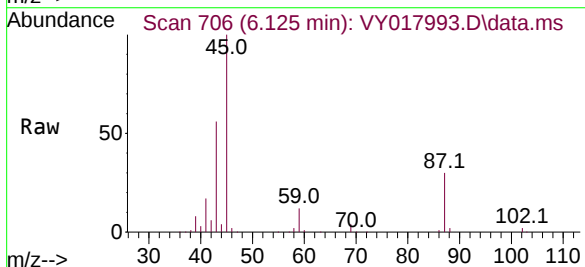
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

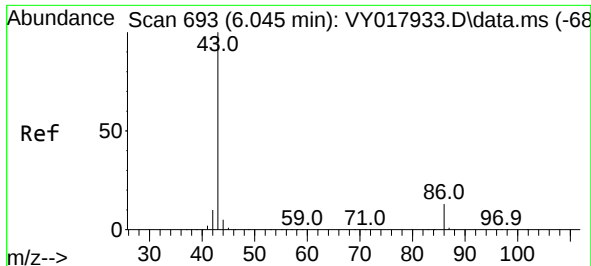
Tgt Ion: 96 Resp: 91325
Ion Ratio Lower Upper
96 100
61 122.0 97.5 146.3
98 65.2 50.5 75.7



#22
Diisopropyl ether
Concen: 18.13 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 45 Resp: 235035
Ion Ratio Lower Upper
45 100
43 55.6 42.2 63.2
87 30.4 25.0 37.6
59 11.8 10.5 15.7

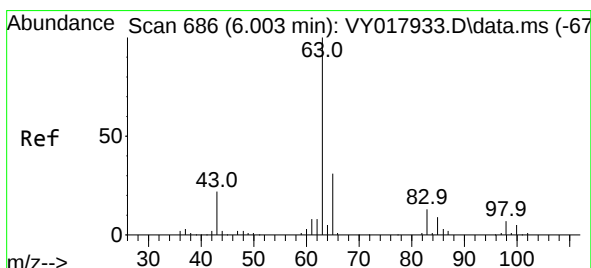
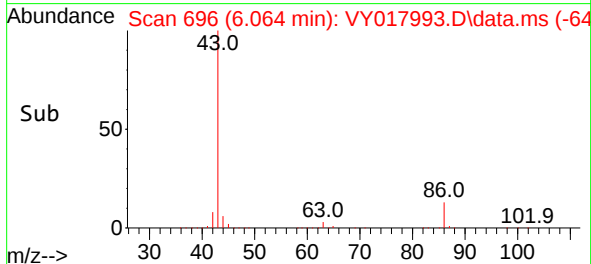
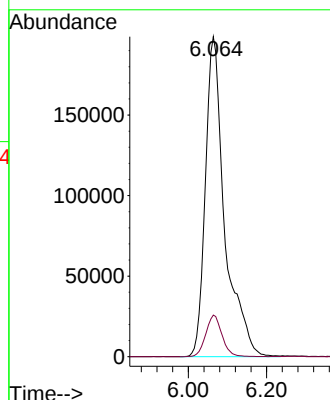
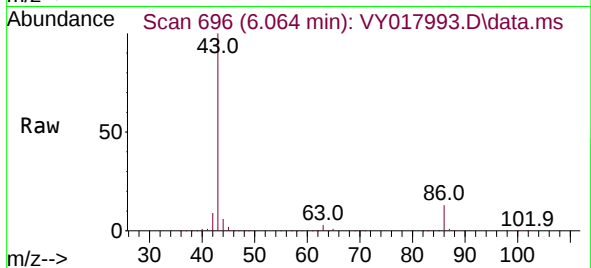




#23
 Vinyl Acetate
 Concen: 88.28 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

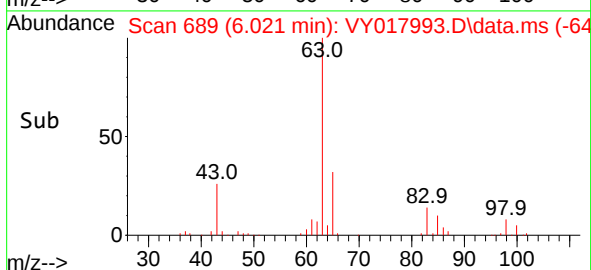
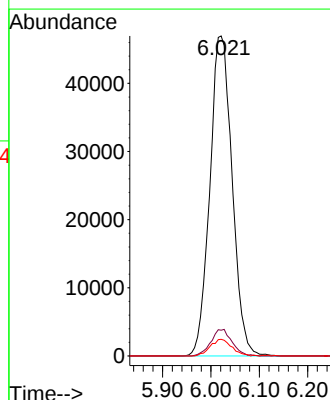
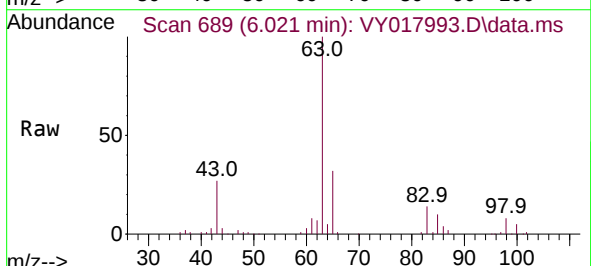
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

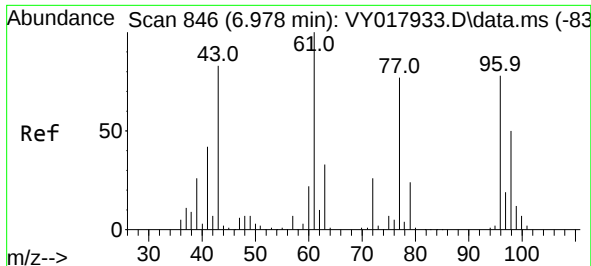
Tgt Ion: 43 Resp: 678707
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.77 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

Tgt Ion: 63 Resp: 150433
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 5.2 2.6 8.0

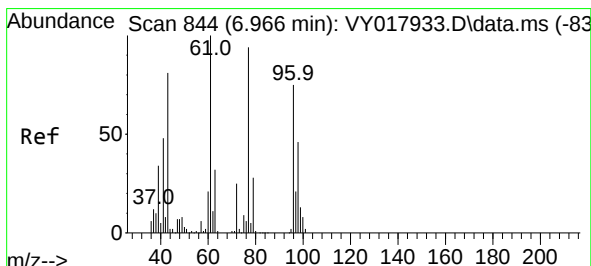
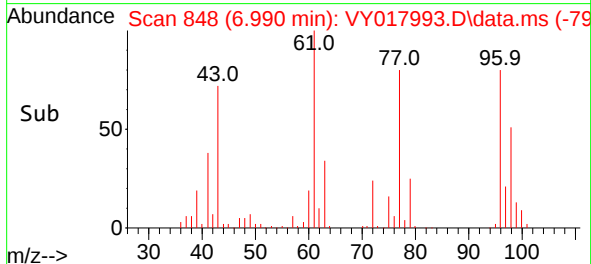
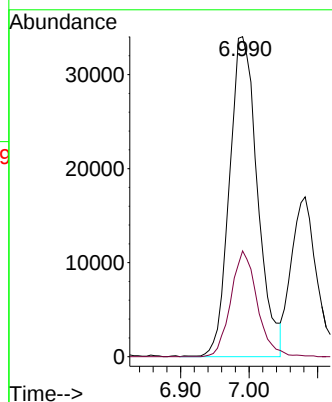
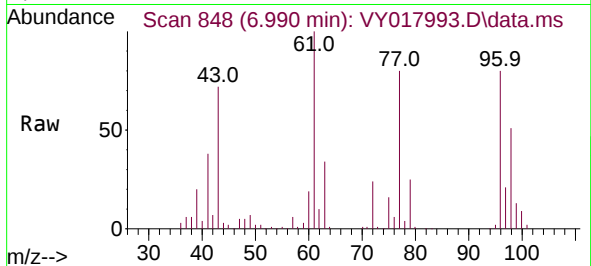




#25
2-Butanone
Concen: 85.24 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

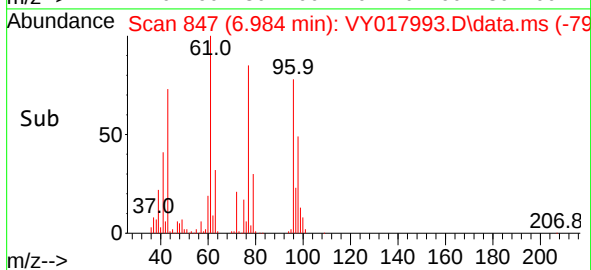
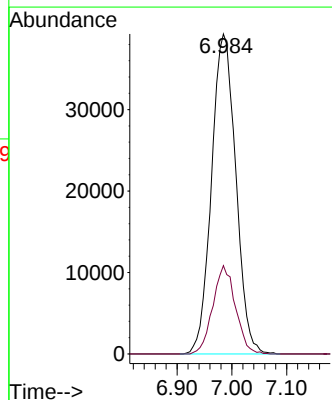
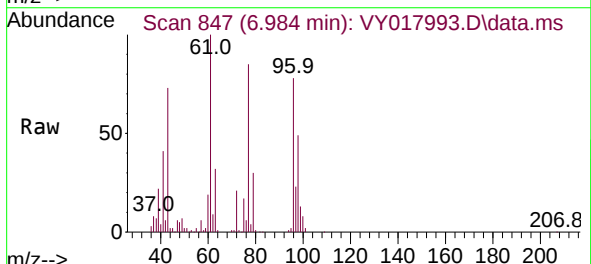
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

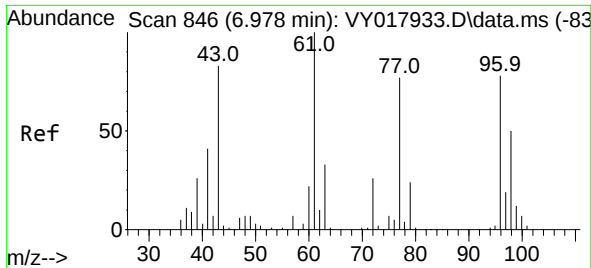
Tgt Ion: 43 Resp: 96983
Ion Ratio Lower Upper
43 100
72 33.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 17.78 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 77 Resp: 120749
Ion Ratio Lower Upper
77 100
97 25.7 12.0 36.1



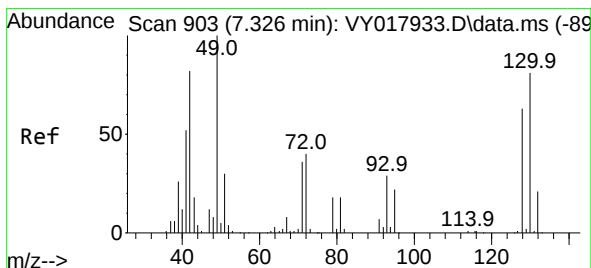
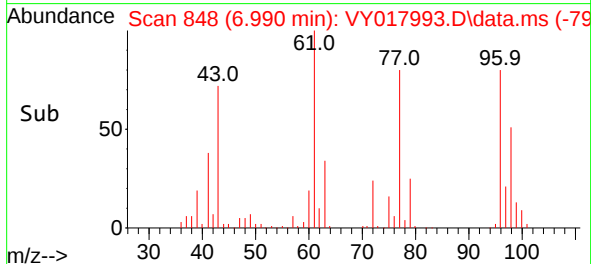
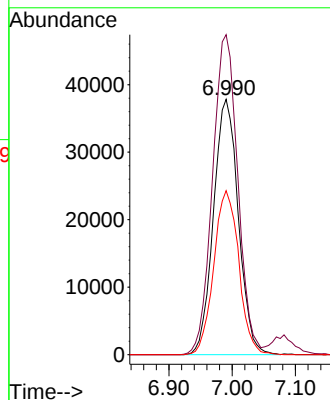
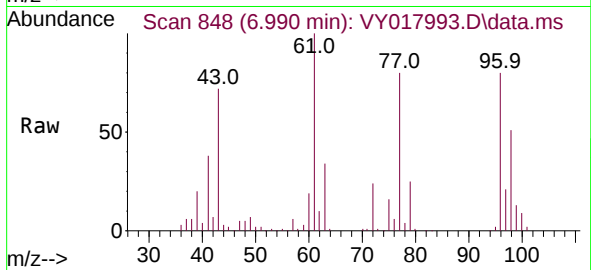


#27
 cis-1,2-Dichloroethene
 Concen: 18.07 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

Tgt Ion: 96 Resp: 103291

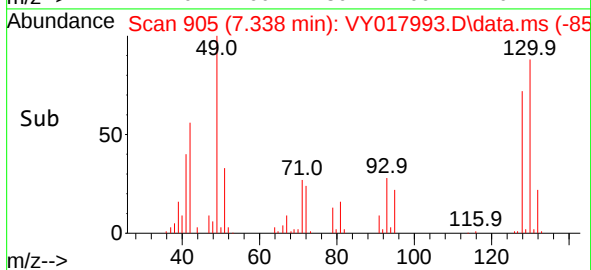
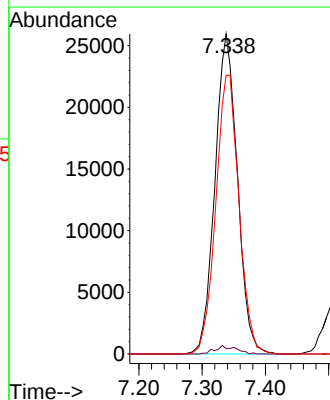
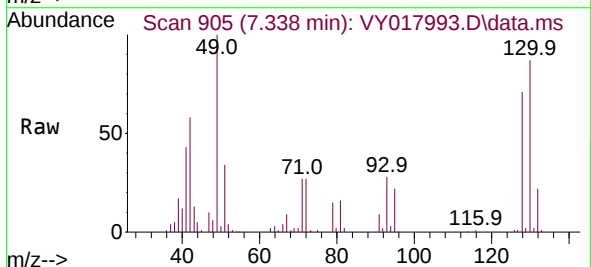
Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	256.2
98	64.6	0.0	130.0

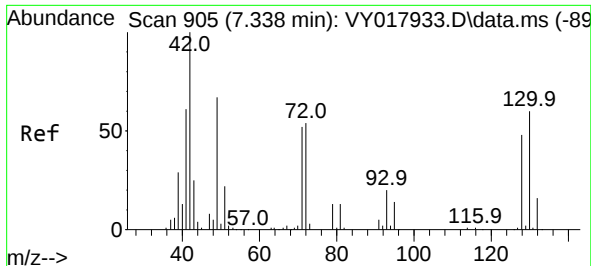


#28
 Bromochloromethane
 Concen: 19.17 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

Tgt Ion: 49 Resp: 63821

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	89.9	72.7	109.1





#29

Tetrahydrofuran

Concen: 86.20 ug/l

RT: 7.356 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

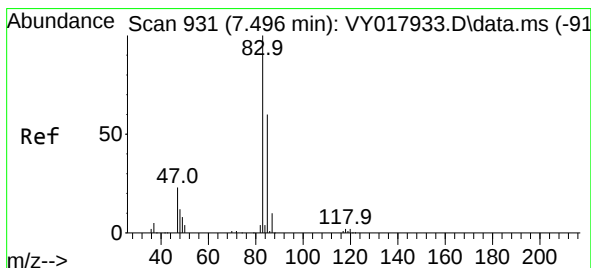
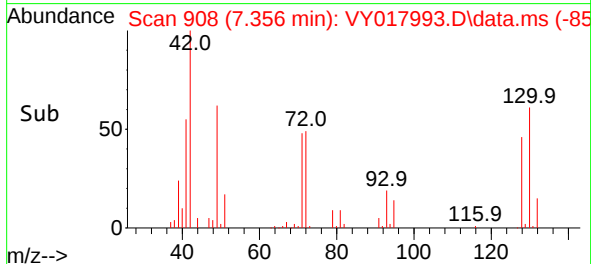
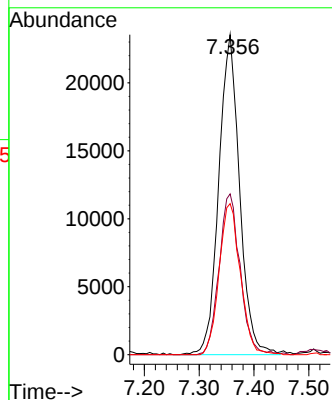
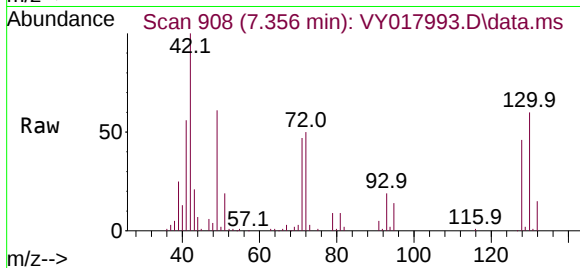
Tgt Ion: 42 Resp: 62236

Ion Ratio Lower Upper

42 100

72 50.8 43.0 64.4

71 48.1 40.8 61.2



#30

Chloroform

Concen: 17.65 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017993.D

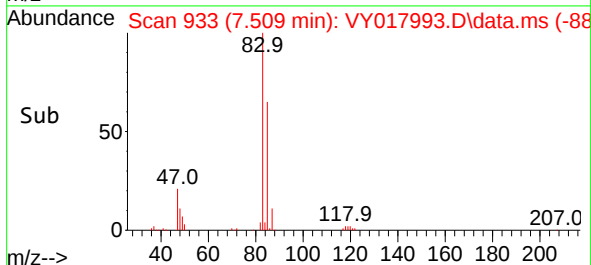
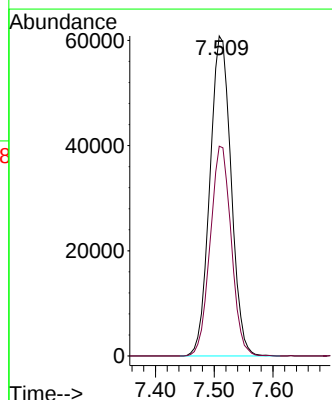
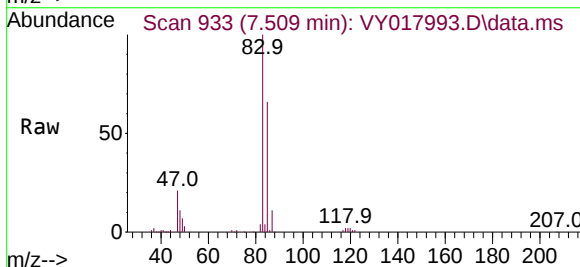
Acq: 19 Apr 2024 12:59

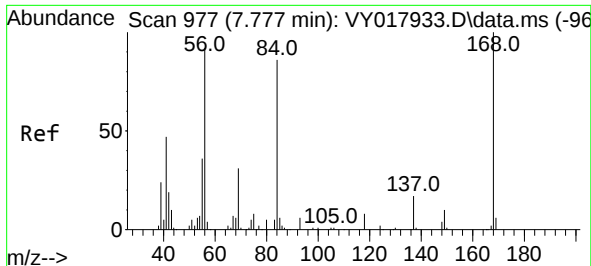
Tgt Ion: 83 Resp: 152675

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4

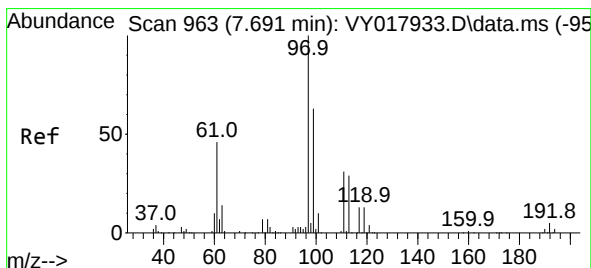
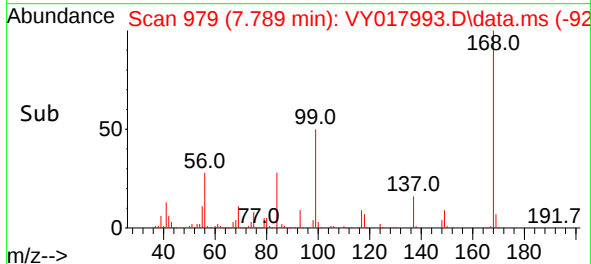
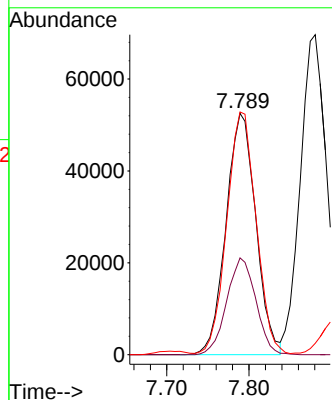
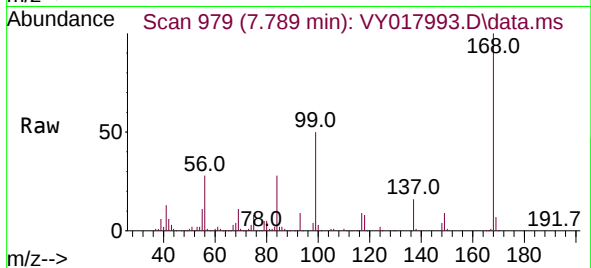




#31
Cyclohexane
Concen: 17.69 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

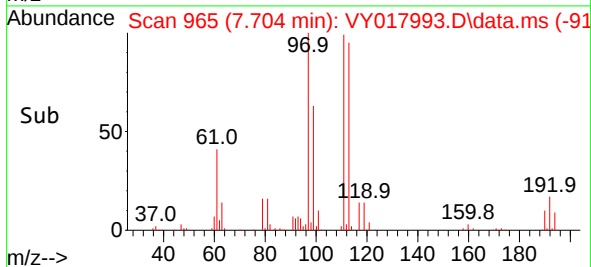
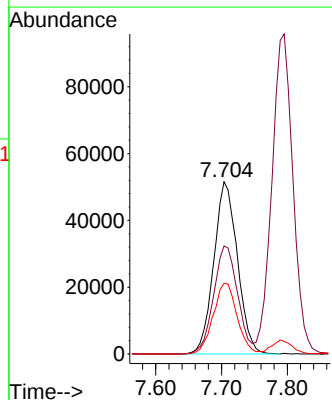
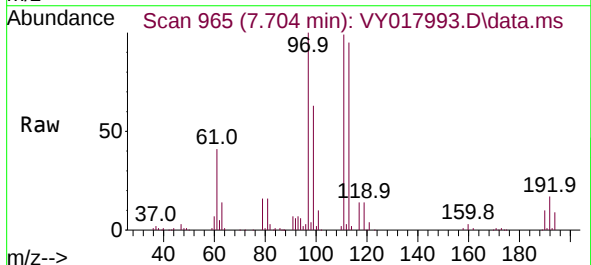
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

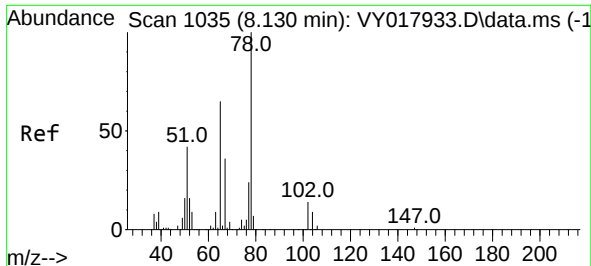
Tgt Ion: 56 Resp: 132491
Ion Ratio Lower Upper
56 100
69 40.1 28.7 43.1
84 99.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 17.88 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 97 Resp: 128855
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 41.4 32.6 48.8

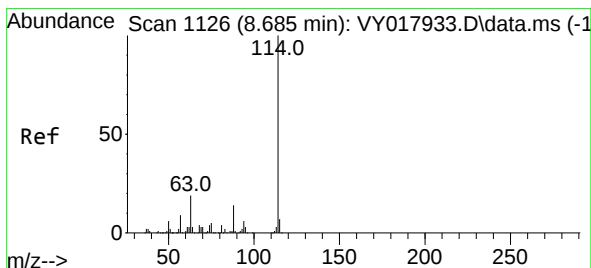
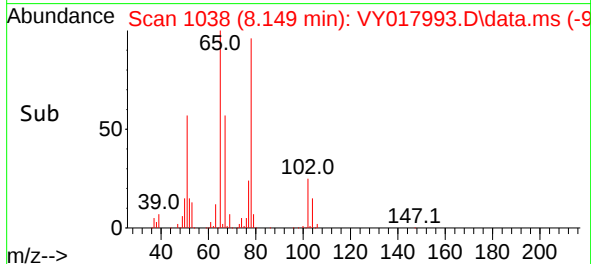
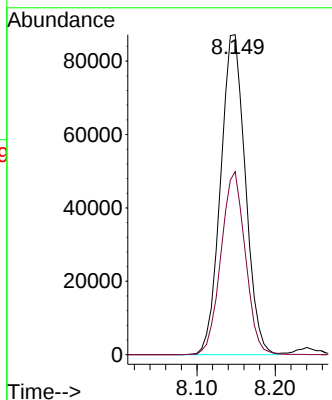
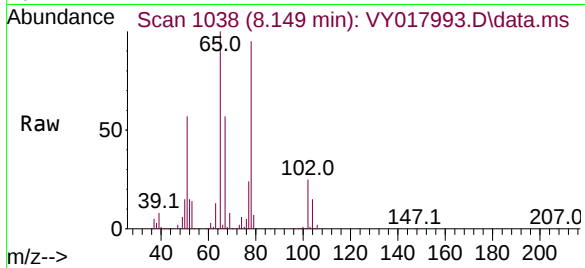




#33
 1,2-Dichloroethane-d4
 Concen: 48.90 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

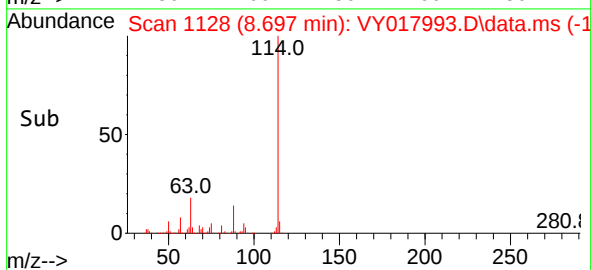
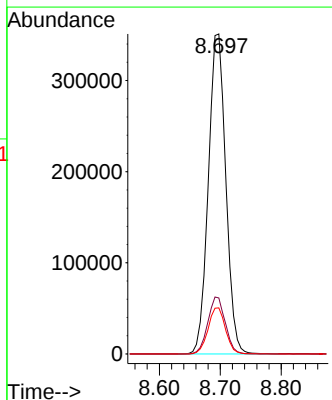
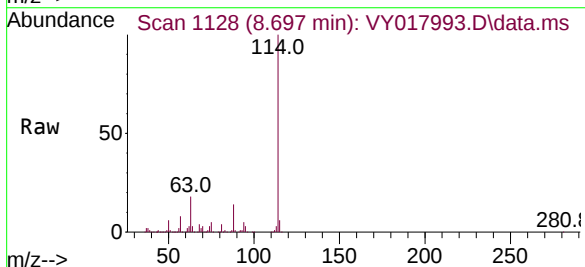
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

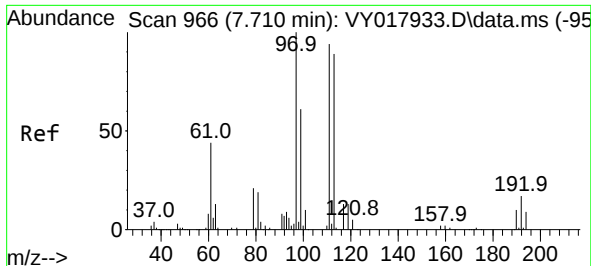
Tgt Ion: 65 Resp: 191572
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

Tgt Ion:114 Resp: 699156
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 14.4 0.0 27.2

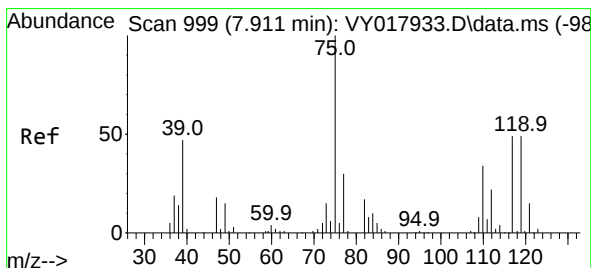
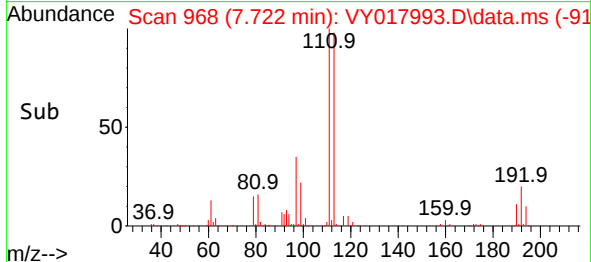
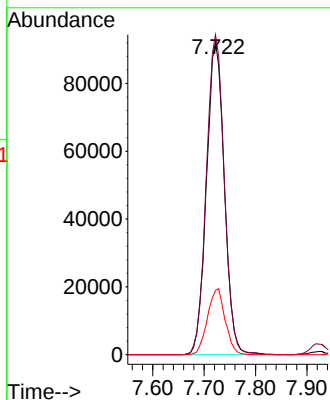
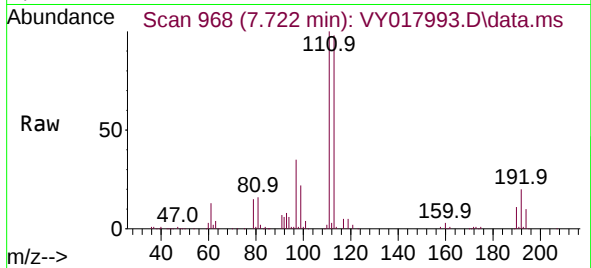




#35
Dibromofluoromethane
Concen: 51.54 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

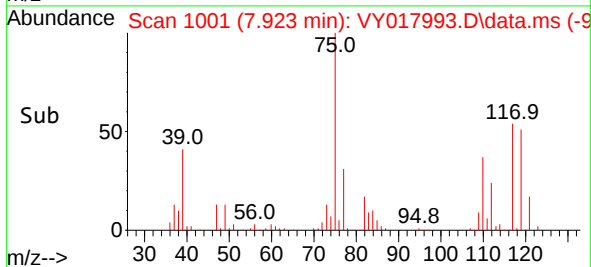
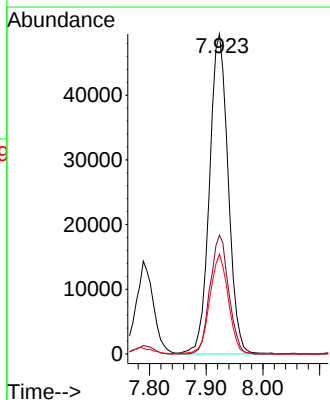
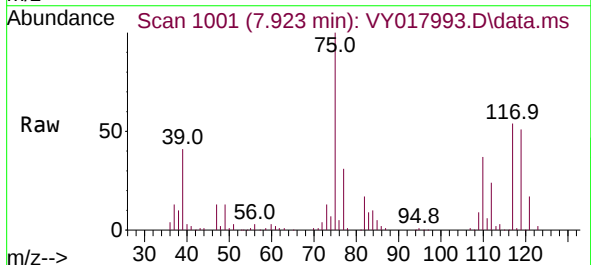
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

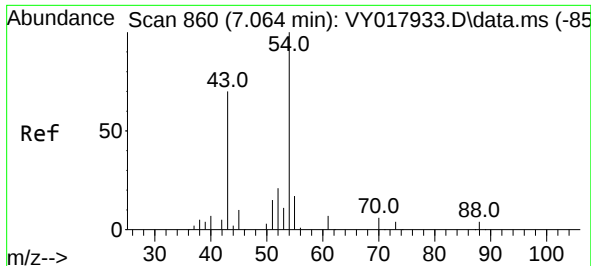
Tgt Ion:113 Resp: 222322
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.02 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 75 Resp: 113029
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 17.06 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

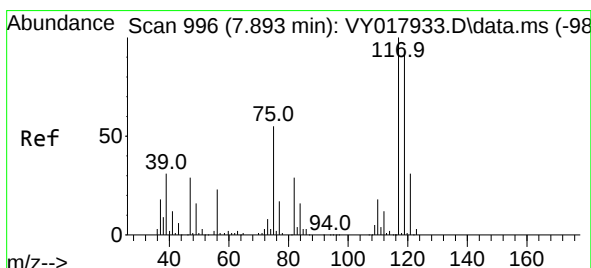
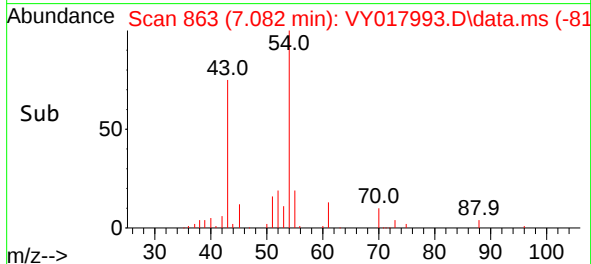
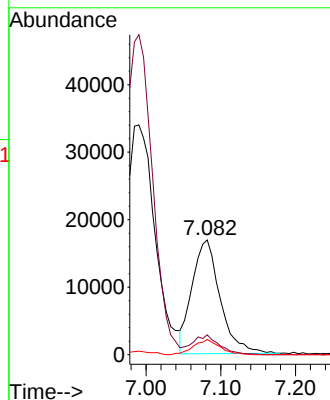
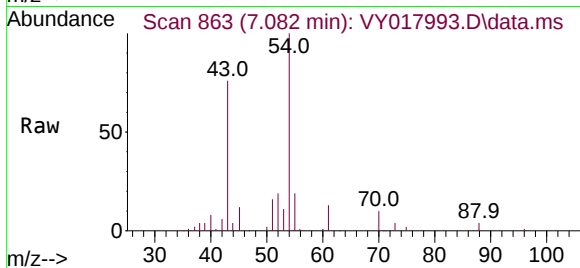
Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion:	43	Resp:	44016
Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.6	19.0
70	12.4	7.8	11.8



#38

Carbon Tetrachloride

Concen: 18.37 ug/l

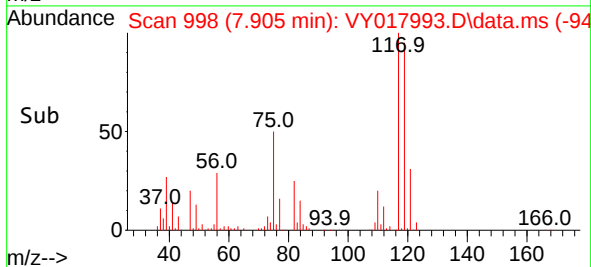
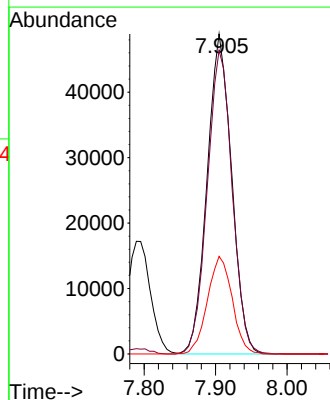
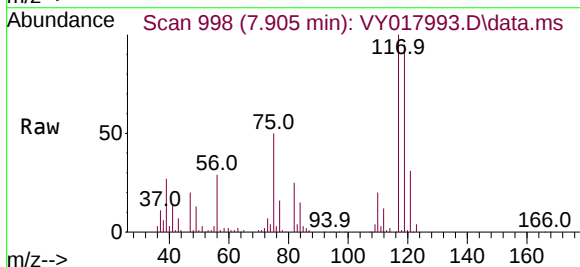
RT: 7.905 min Scan# 998

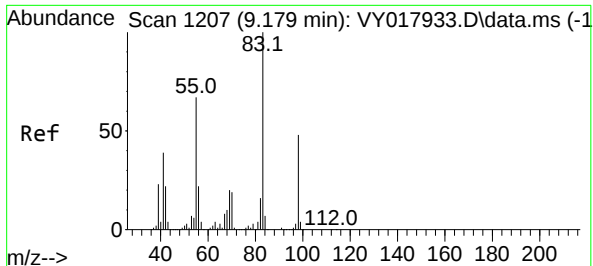
Delta R.T. 0.000 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion:	117	Resp:	116447
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.6
121	30.5	24.0	36.0





#39

Methylcyclohexane

Concen: 17.50 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBSD01

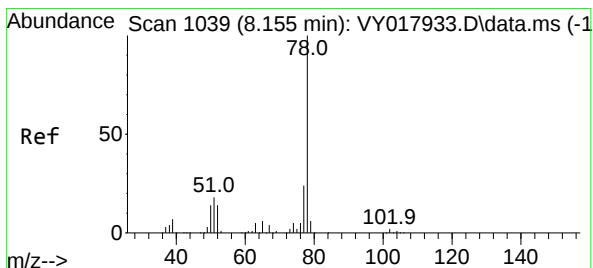
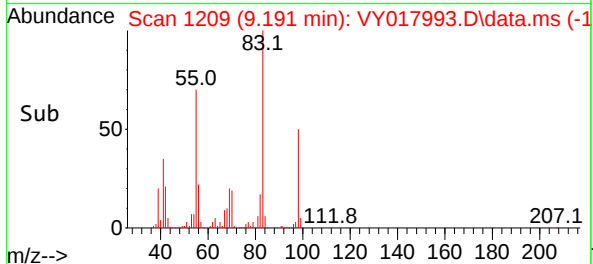
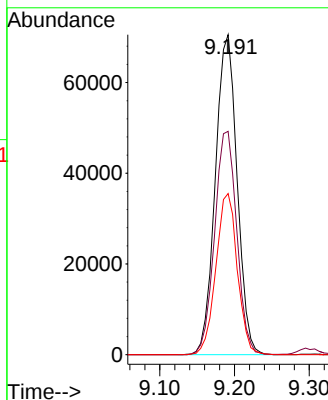
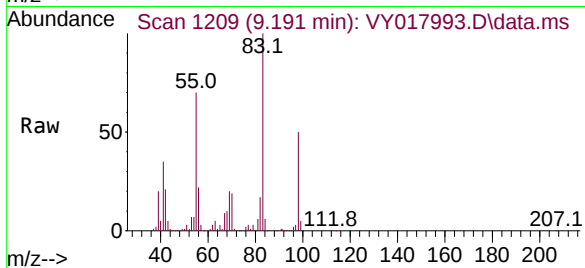
Tgt Ion: 83 Resp: 143057

Ion Ratio Lower Upper

83 100

55 69.8 51.5 77.3

98 50.4 40.5 60.7



#40

Benzene

Concen: 18.39 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017993.D

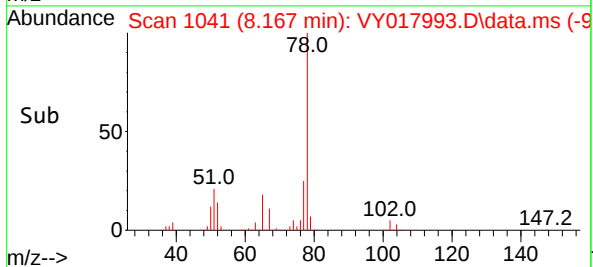
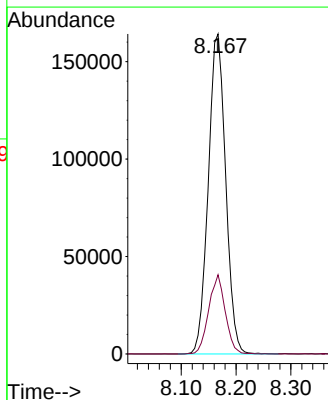
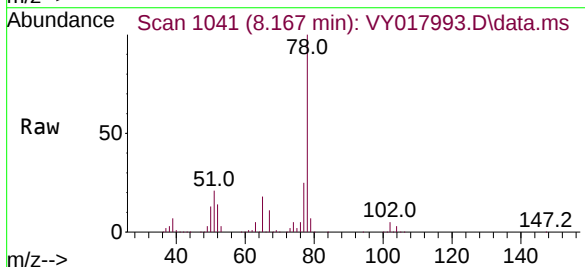
Acq: 19 Apr 2024 12:59

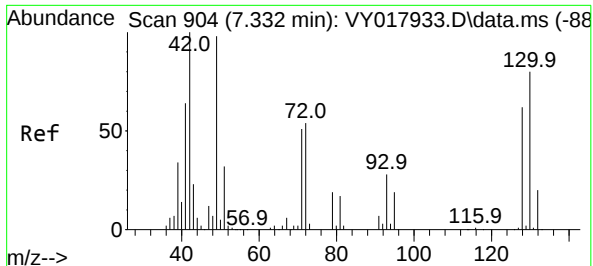
Tgt Ion: 78 Resp: 361394

Ion Ratio Lower Upper

78 100

77 24.8 19.5 29.3

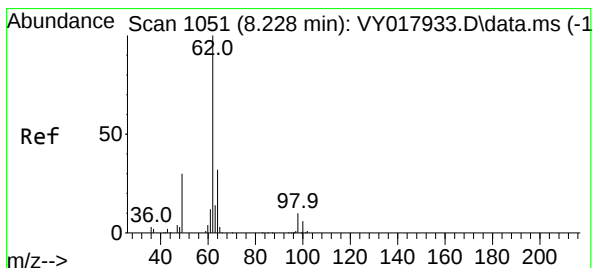
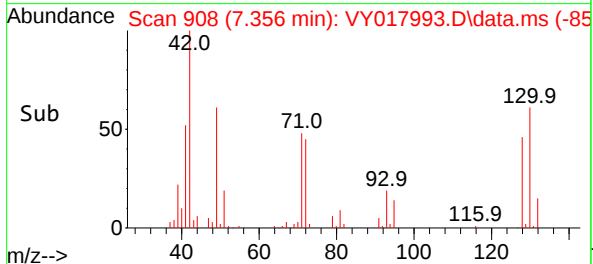
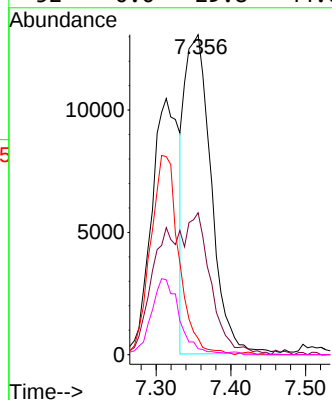
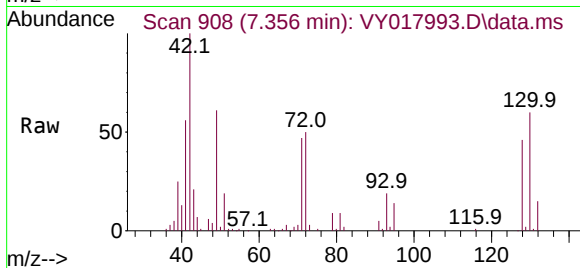




#41
Methacrylonitrile
Concen: 19.86 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

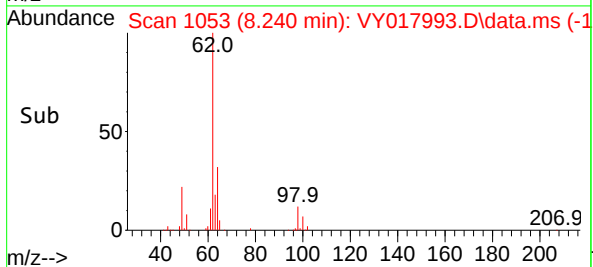
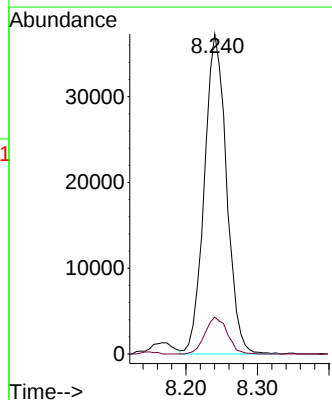
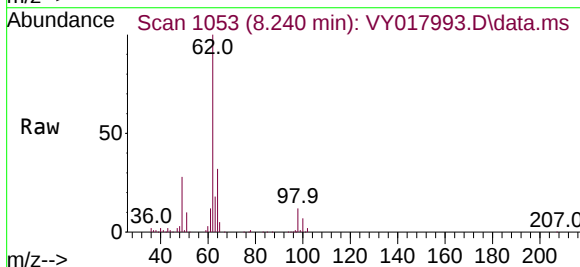
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

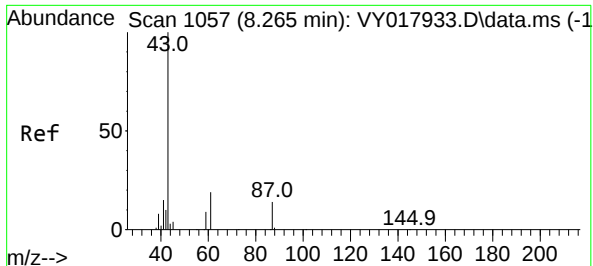
Tgt Ion: 41 Resp: 32340
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 17.86 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 62 Resp: 80428
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.0





#43

Isopropyl Acetate

Concen: 17.61 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

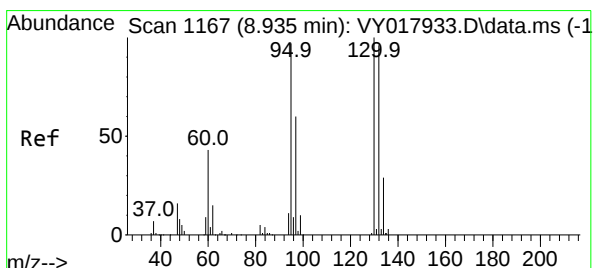
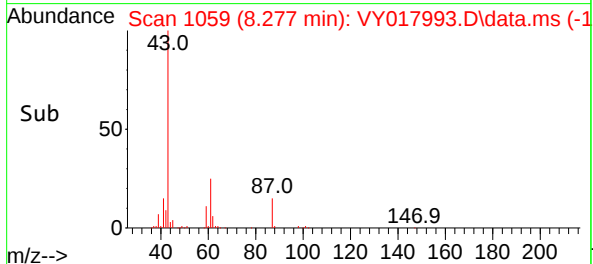
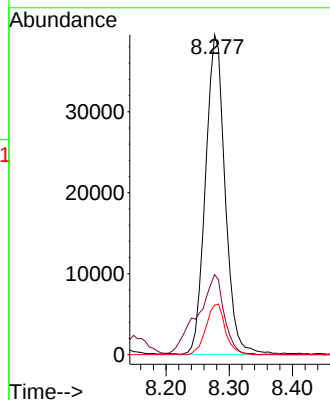
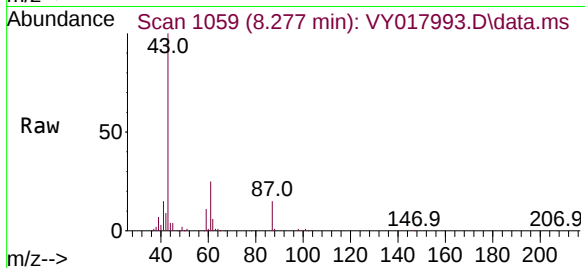
Tgt Ion: 43 Resp: 84706

Ion Ratio Lower Upper

43 100

61 34.1 27.9 41.9

87 15.6 13.1 19.7



#44

Trichloroethene

Concen: 18.59 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017993.D

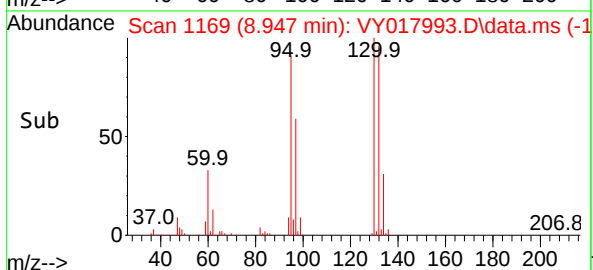
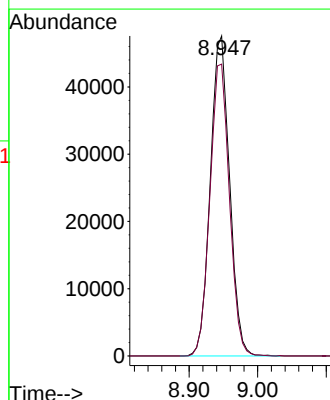
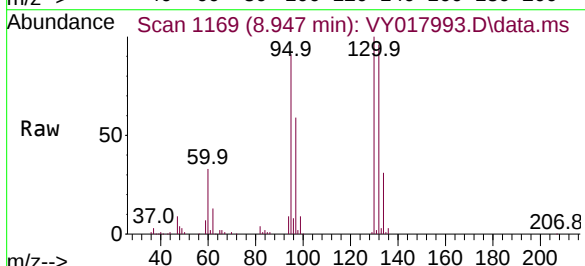
Acq: 19 Apr 2024 12:59

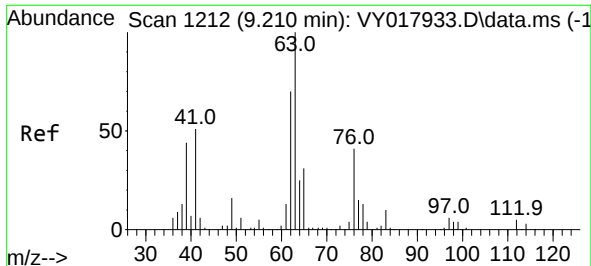
Tgt Ion:130 Resp: 92800

Ion Ratio Lower Upper

130 100

95 91.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 17.96 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

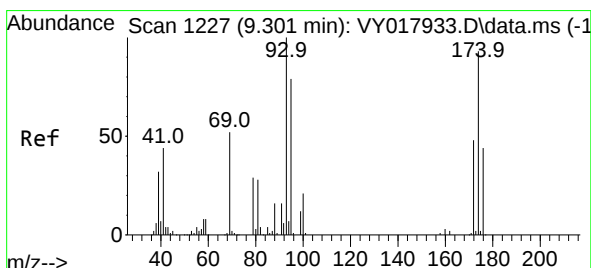
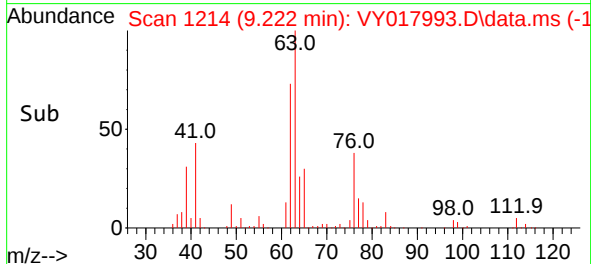
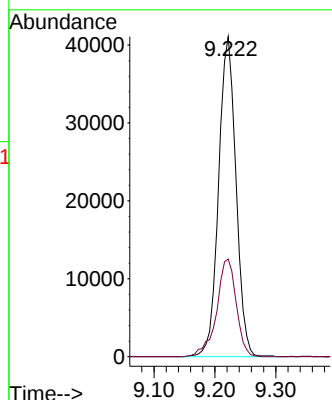
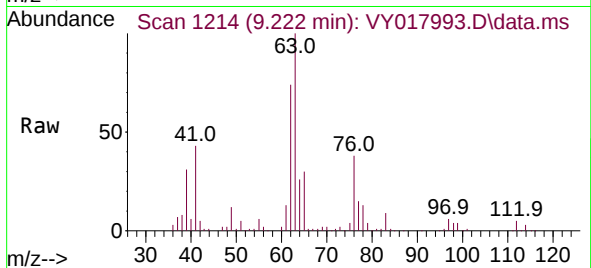
VY0419SBS01

Tgt Ion: 63 Resp: 81235

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



#46

Dibromomethane

Concen: 17.71 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

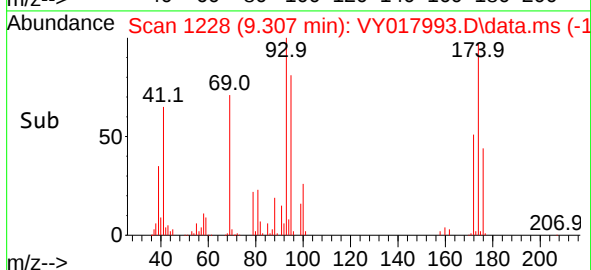
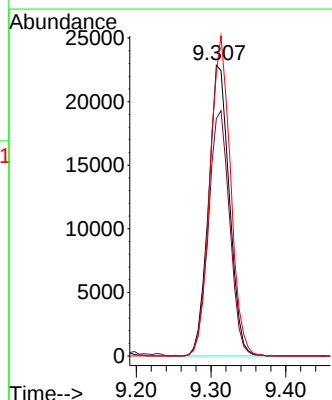
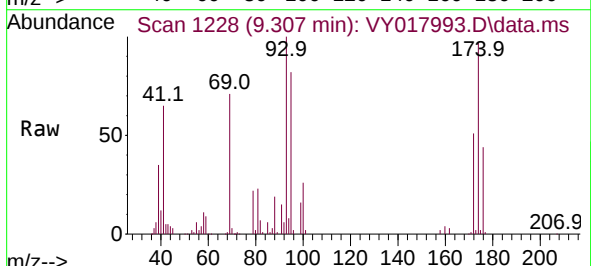
Tgt Ion: 93 Resp: 44310

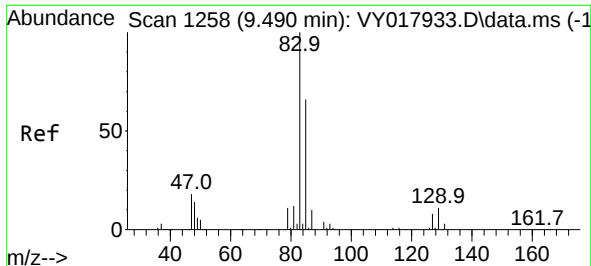
Ion Ratio Lower Upper

93 100

95 85.5 66.2 99.4

174 108.4 80.9 121.3

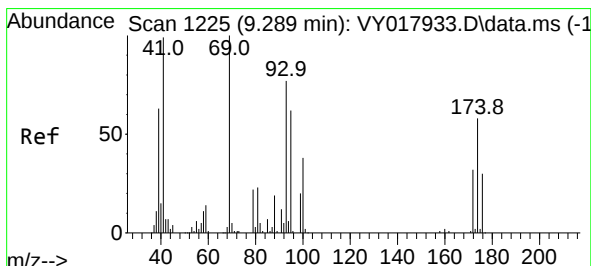
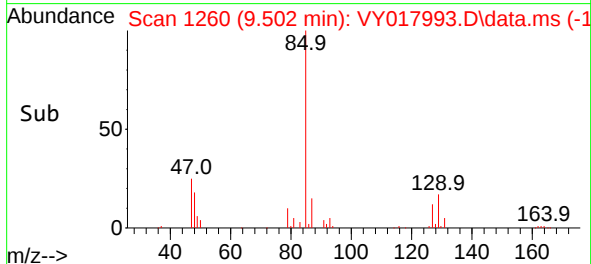
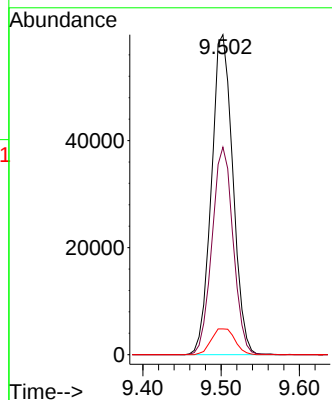
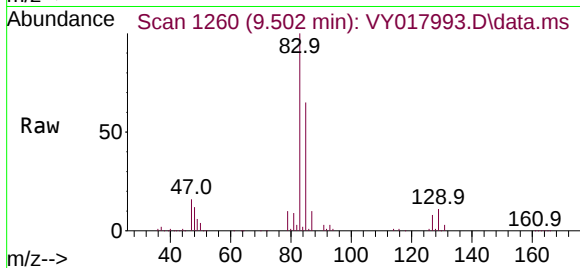




#47
Bromodichloromethane
Concen: 18.09 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

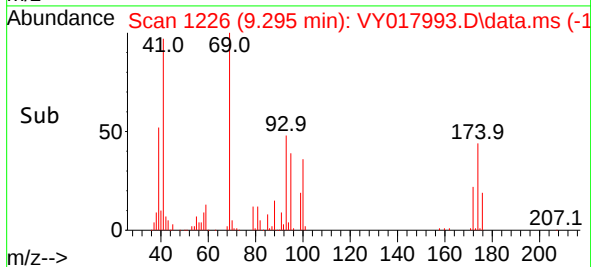
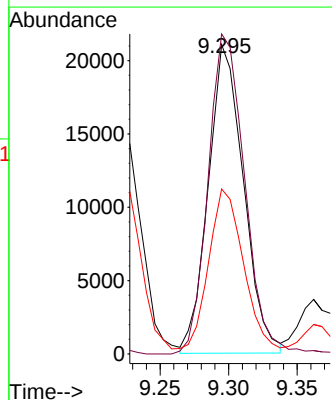
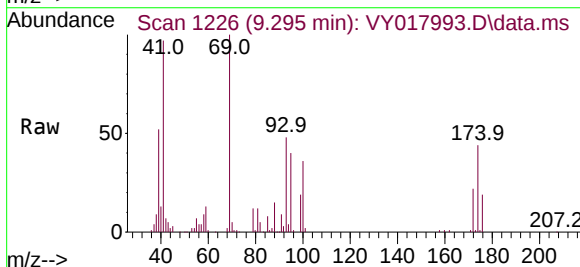
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

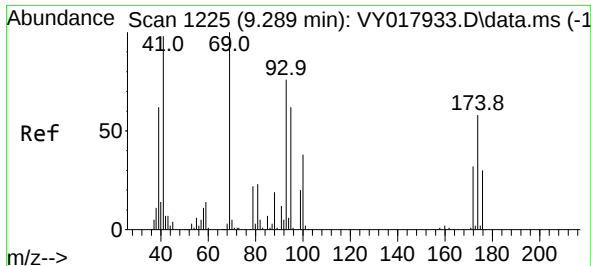
Tgt Ion: 83 Resp: 113541
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 17.08 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 41 Resp: 37663
Ion Ratio Lower Upper
41 100
69 107.6 84.1 126.1
39 50.8 43.6 65.4

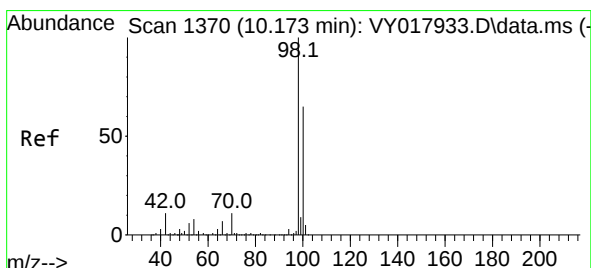
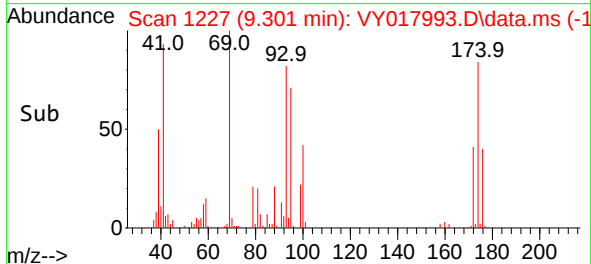
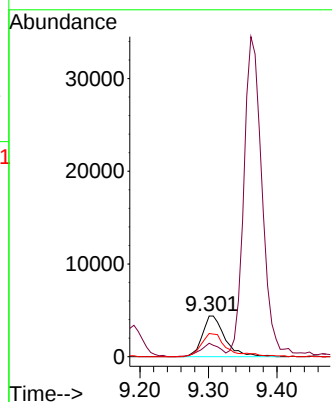
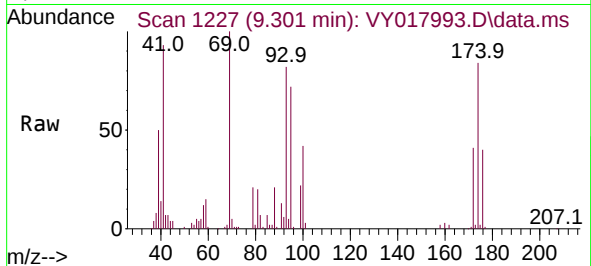




#49
1,4-Dioxane
Concen: 351.74 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

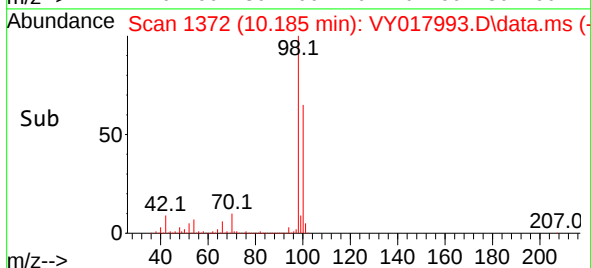
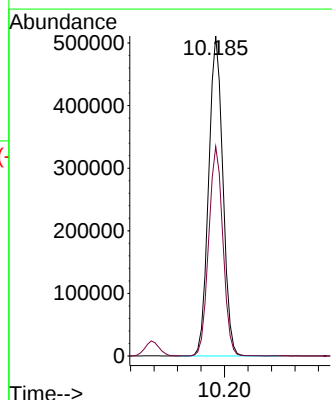
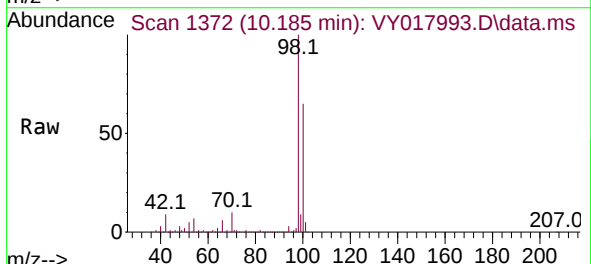
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

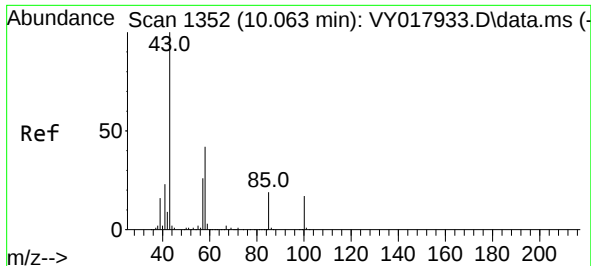
Tgt Ion: 88 Resp: 10046
Ion Ratio Lower Upper
88 100
43 28.3 0.0 0.0#
58 58.3 49.3 73.9



#50
Toluene-d8
Concen: 52.50 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 98 Resp: 859343
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

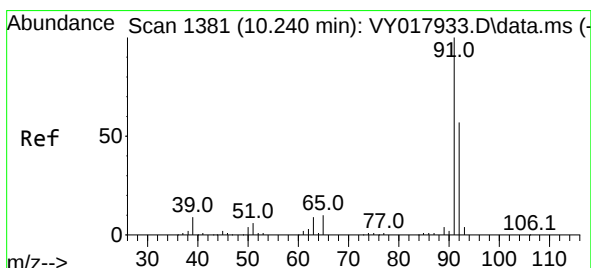
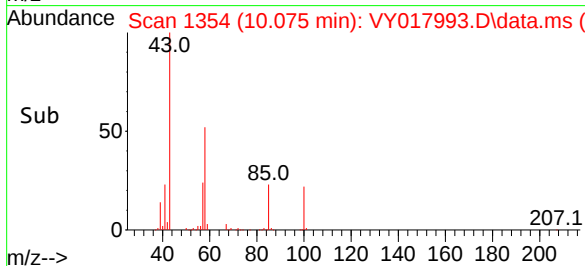
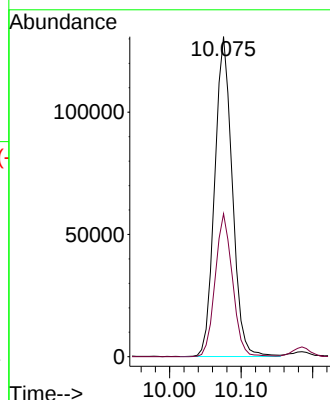
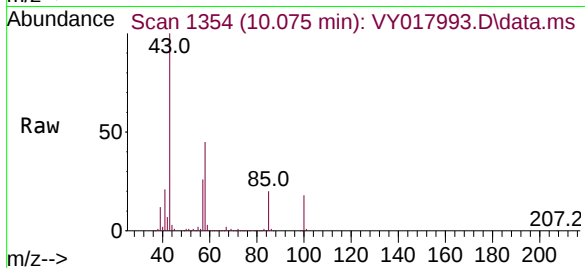




#51
4-Methyl-2-Pentanone
Concen: 87.71 ug/l
RT: 10.075 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

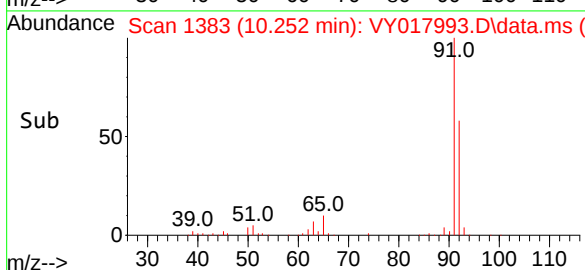
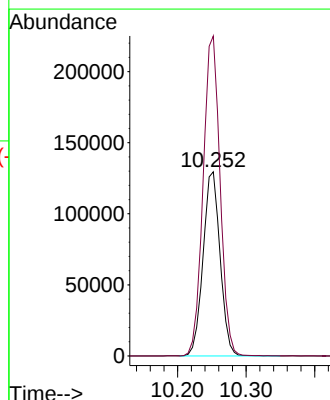
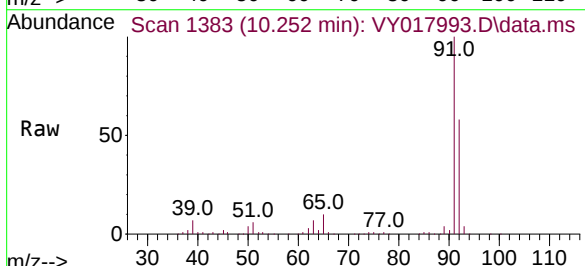
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

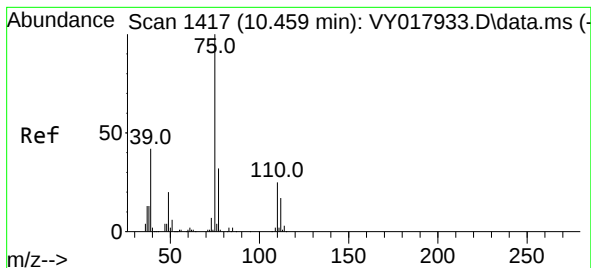
Tgt Ion: 43 Resp: 223683
Ion Ratio Lower Upper
43 100
58 43.9 35.7 53.5



#52
Toluene
Concen: 18.53 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 92 Resp: 223423
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.6

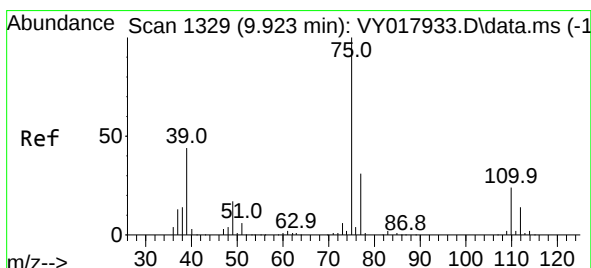
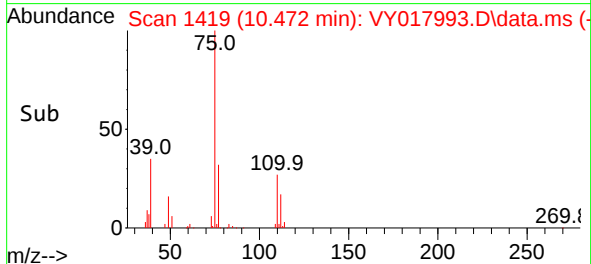
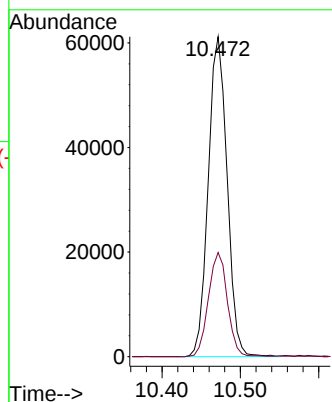
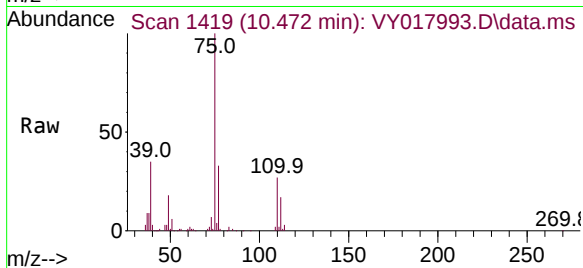




#53
t-1,3-Dichloropropene
Concen: 17.87 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

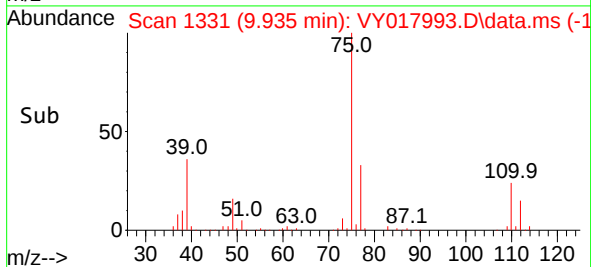
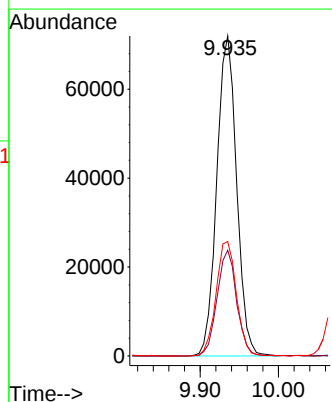
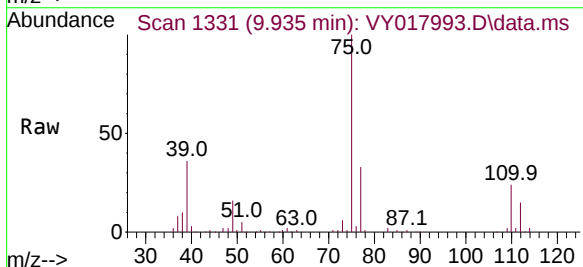
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

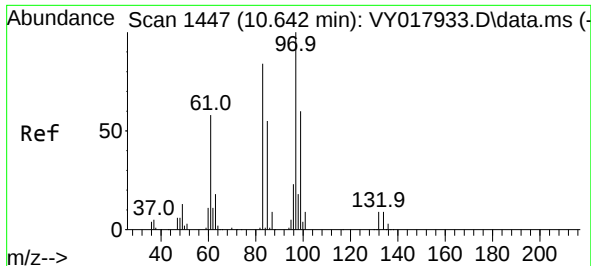
Tgt Ion: 75 Resp: 102373
Ion Ratio Lower Upper
75 100
77 32.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 18.00 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 75 Resp: 126729
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 35.7 29.8 44.6

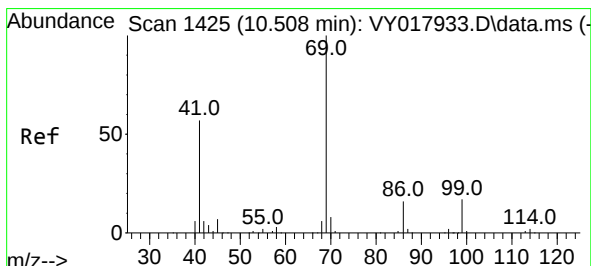
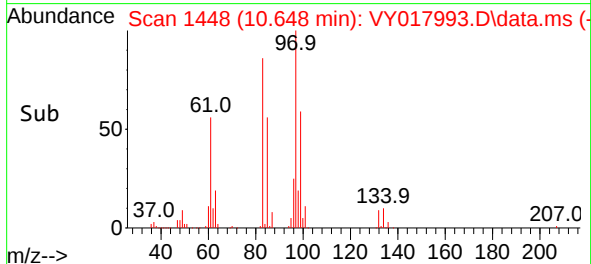
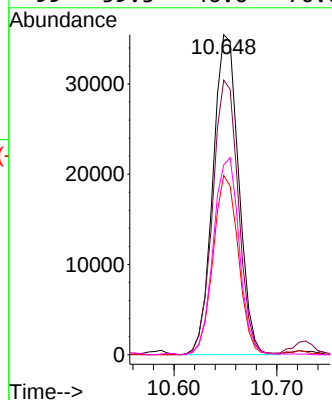
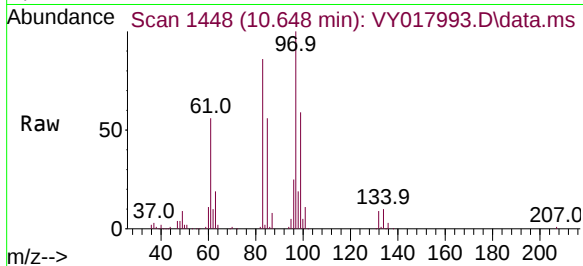




#55
1,1,2-Trichloroethane
Concen: 18.14 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

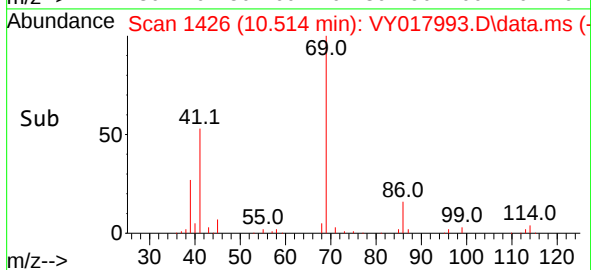
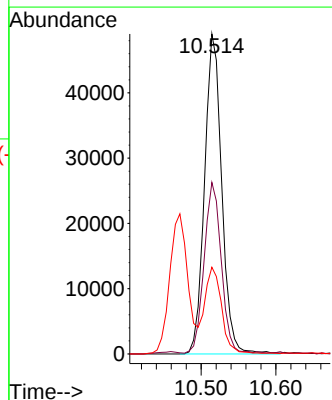
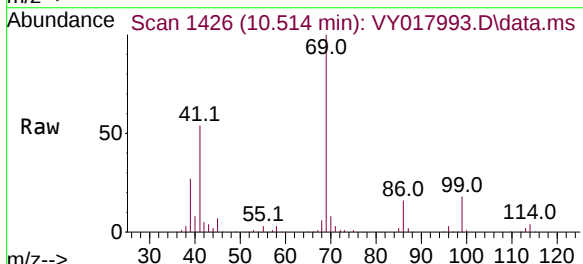
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

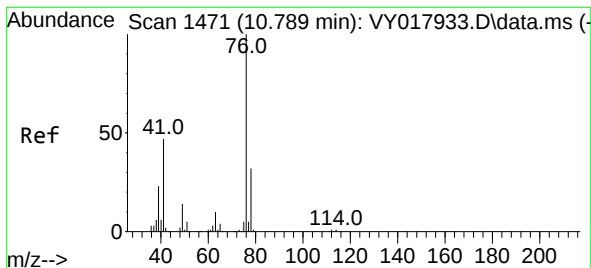
Tgt Ion:	97	Resp:	61701
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.5	101.3
85	56.0	42.9	64.3
99	59.3	46.6	70.0



#56
Ethyl methacrylate
Concen: 17.66 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:	69	Resp:	78319
Ion	Ratio	Lower	Upper
69	100		
41	53.0	42.3	63.5
39	26.1	22.9	34.3





#57

1,3-Dichloropropane

Concen: 18.16 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

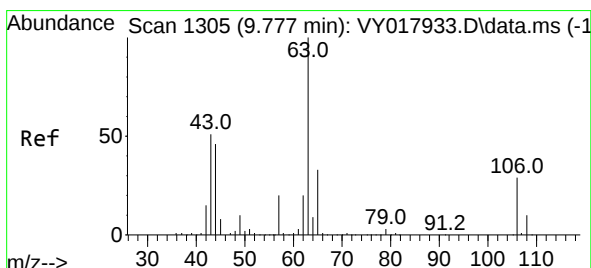
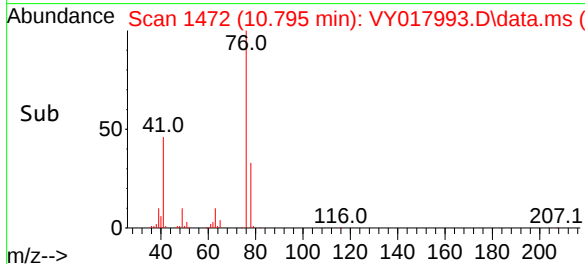
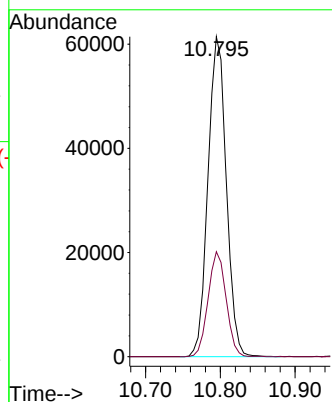
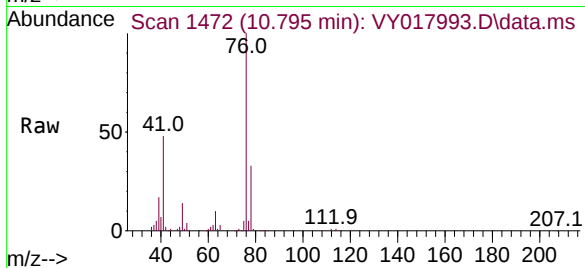
VY0419SBS01

Tgt Ion: 76 Resp: 104604

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 84.49 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY017993.D

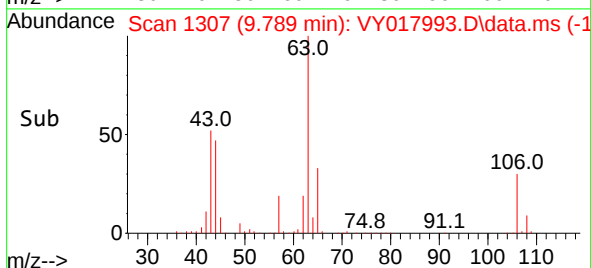
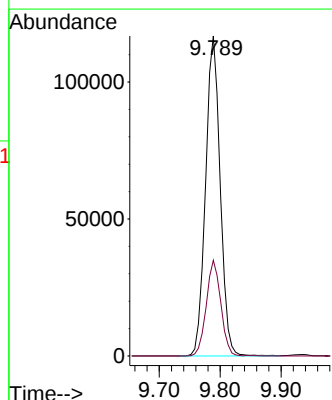
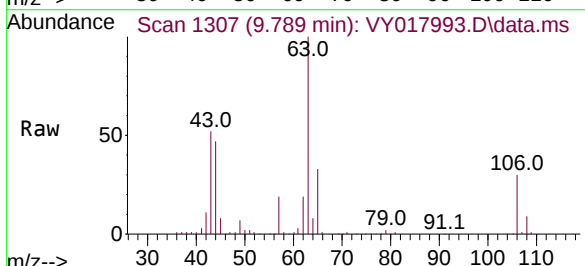
Acq: 19 Apr 2024 12:59

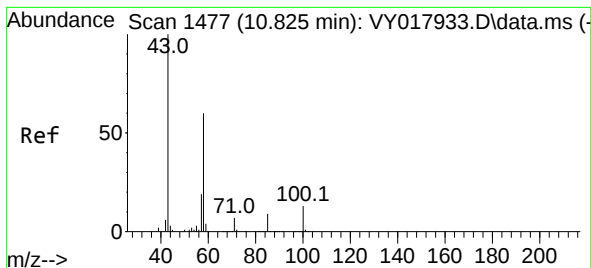
Tgt Ion: 63 Resp: 194735

Ion Ratio Lower Upper

63 100

106 29.7 23.7 35.5

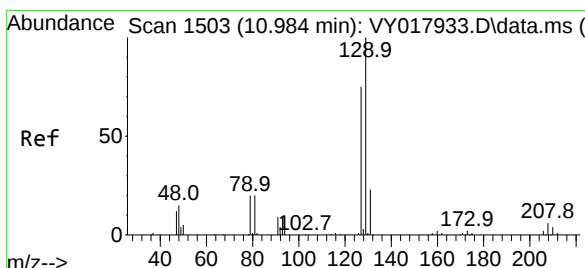
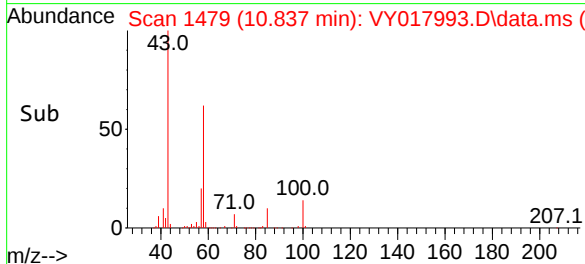
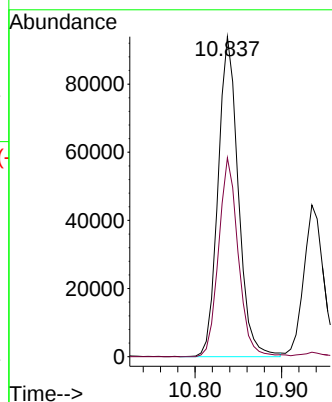
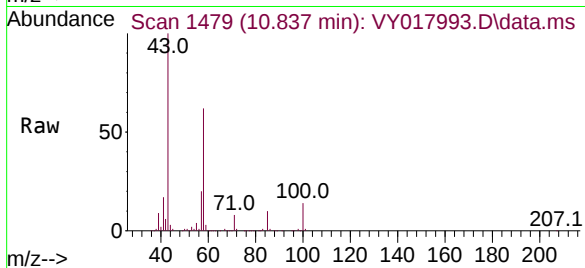




#59
2-Hexanone
Concen: 87.56 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

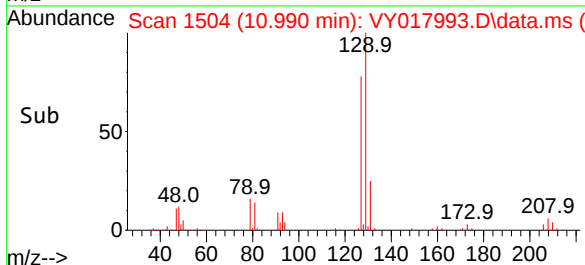
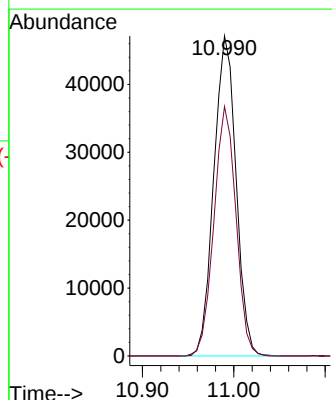
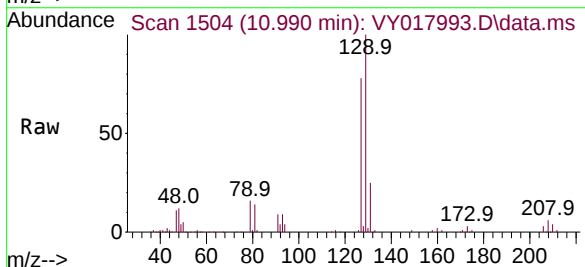
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

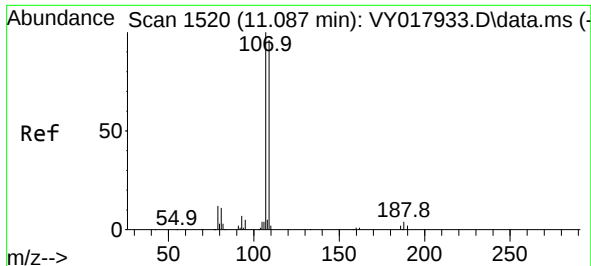
Tgt Ion: 43 Resp: 152440
Ion Ratio Lower Upper
43 100
58 60.4 31.4 94.0



#60
Dibromochloromethane
Concen: 18.24 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 129 Resp: 79707
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

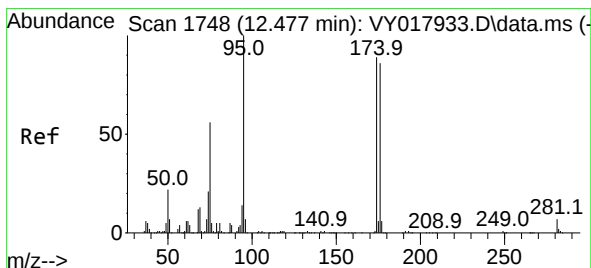
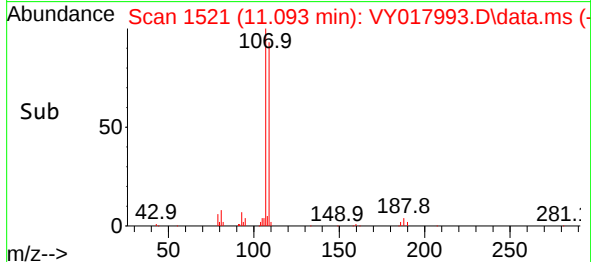
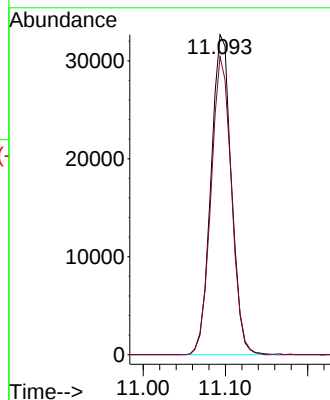
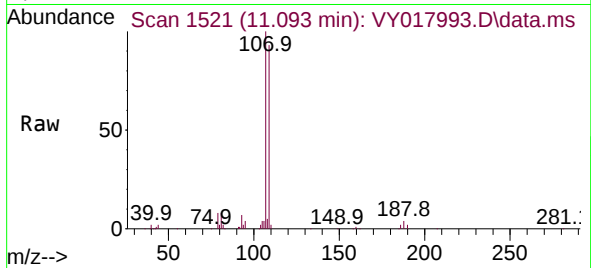




#61
1,2-Dibromoethane
Concen: 17.73 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

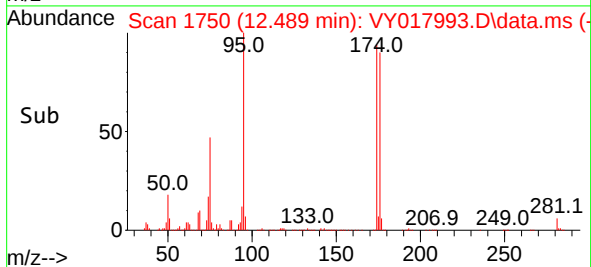
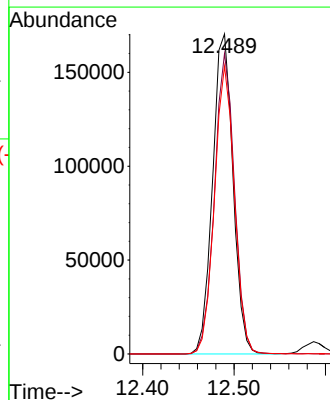
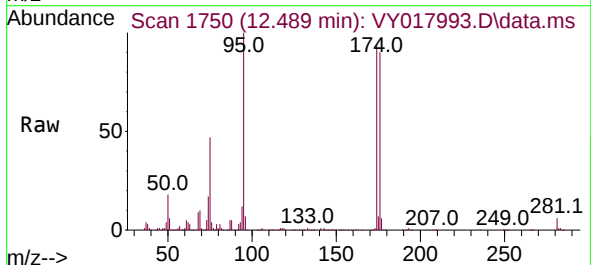
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

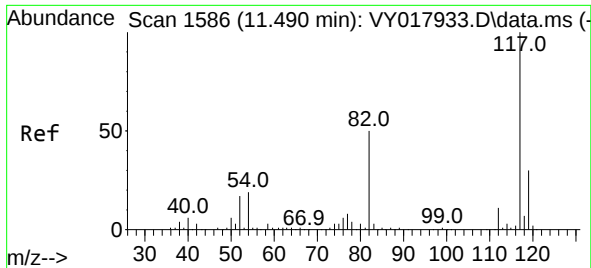
Tgt Ion:107 Resp: 56187
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.15 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 95 Resp: 264336
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 88.1 0.0 171.4

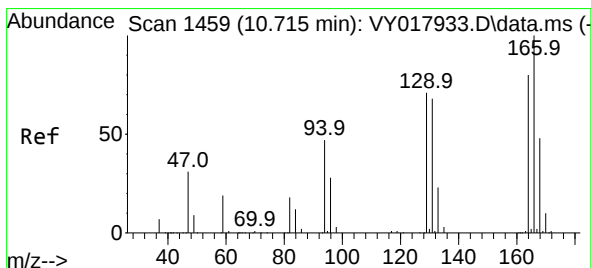
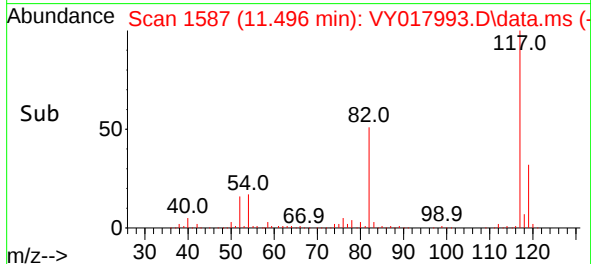
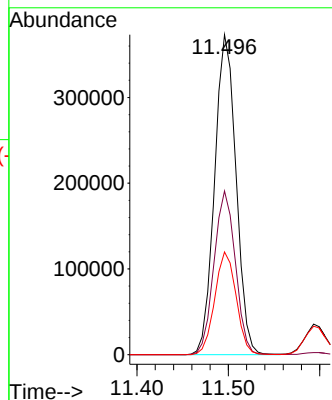
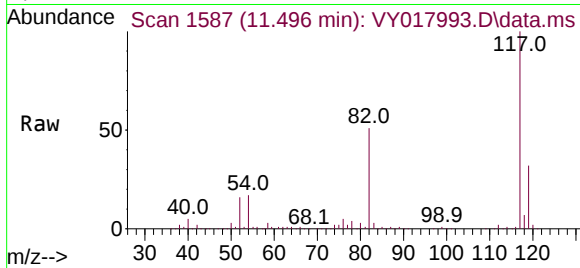




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

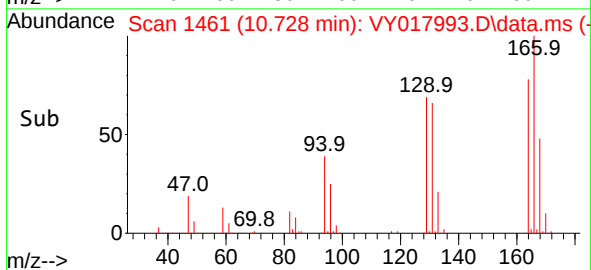
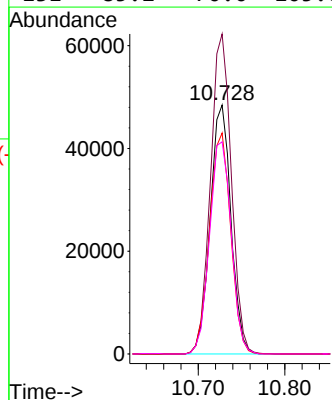
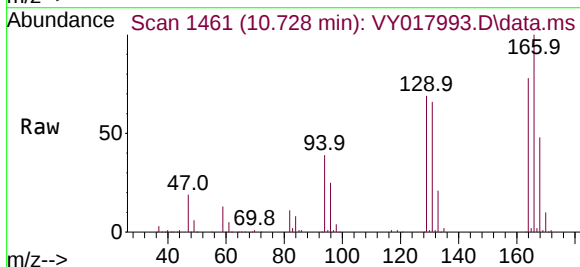
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

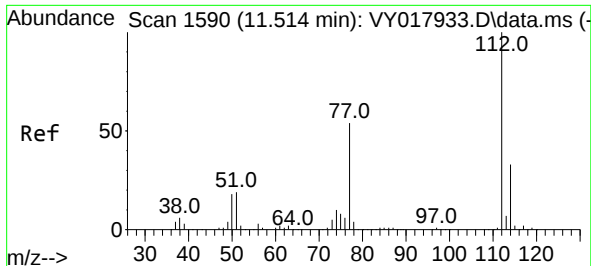
Tgt Ion:117 Resp: 608518
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 18.51 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:164 Resp: 80699
Ion Ratio Lower Upper
164 100
166 128.5 102.6 154.0
129 88.7 72.0 108.0
131 85.2 70.0 105.0

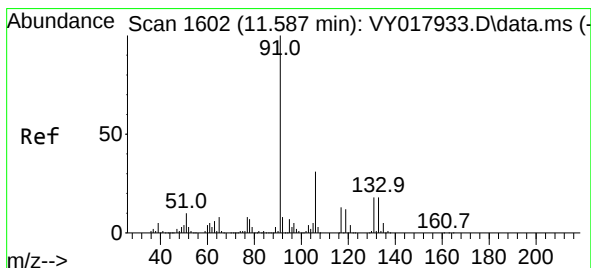
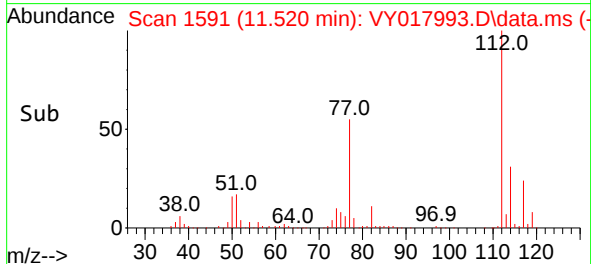
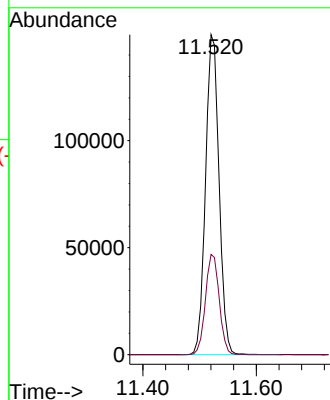
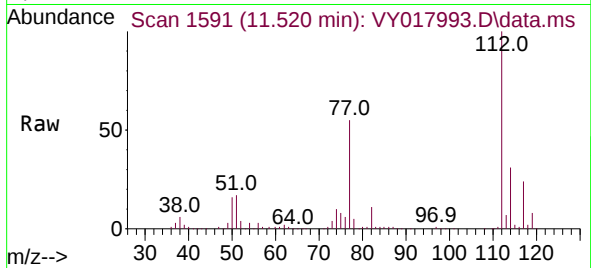




#65
Chlorobenzene
Concen: 18.53 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

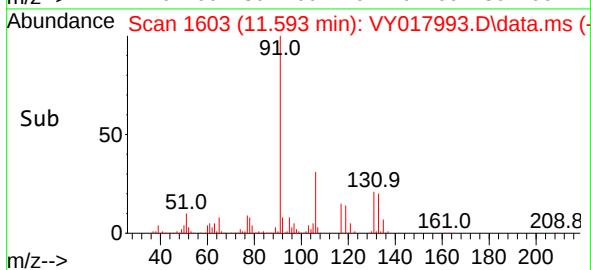
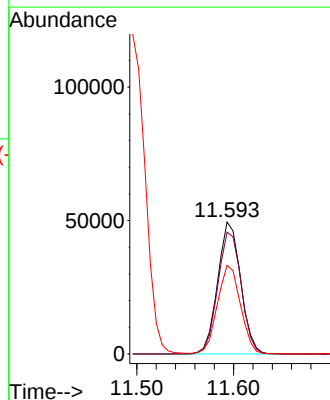
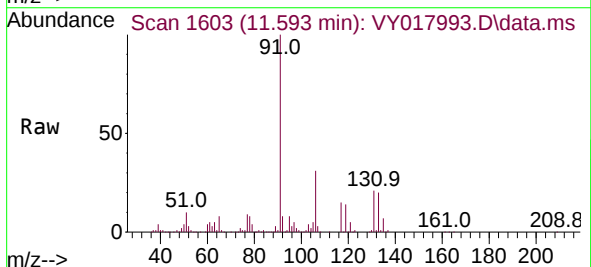
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

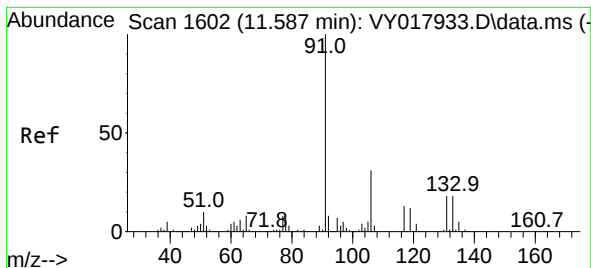
Tgt Ion:112 Resp: 247123
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.54 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:131 Resp: 81515
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 18.18 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

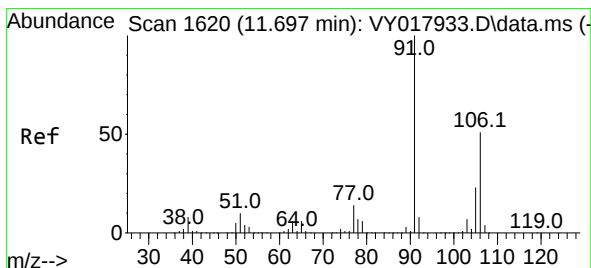
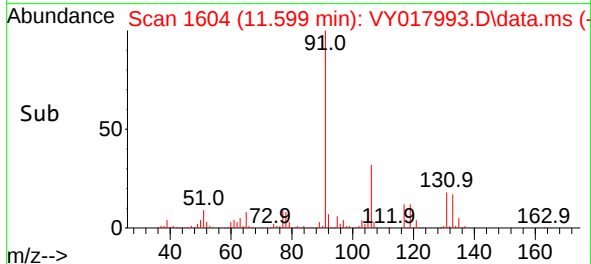
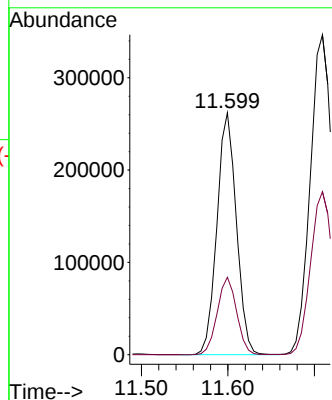
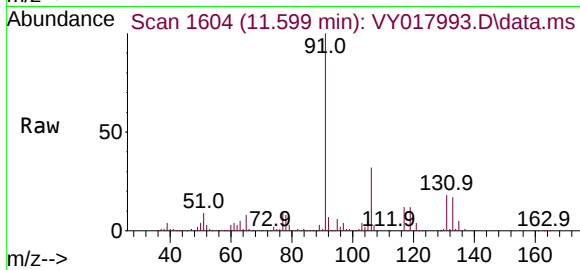
VY0419SBS01

Tgt Ion: 91 Resp: 408307

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 37.04 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY017993.D

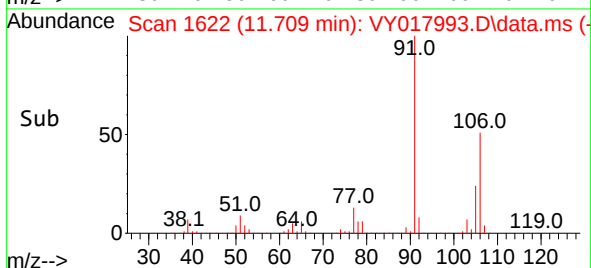
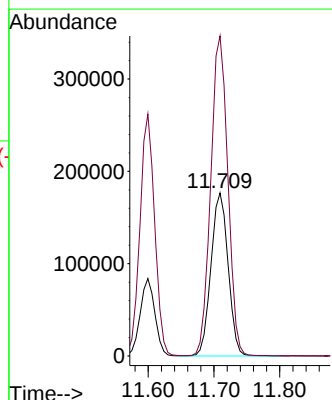
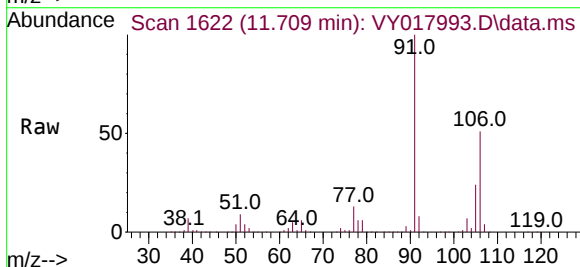
Acq: 19 Apr 2024 12:59

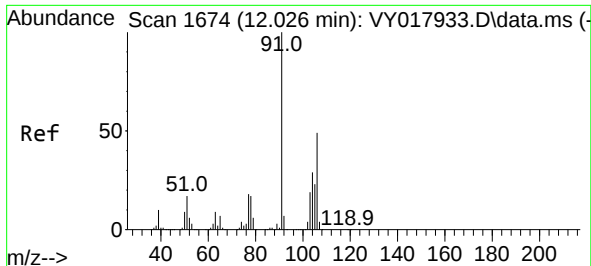
Tgt Ion:106 Resp: 319474

Ion Ratio Lower Upper

106 100

91 196.4 156.0 234.0

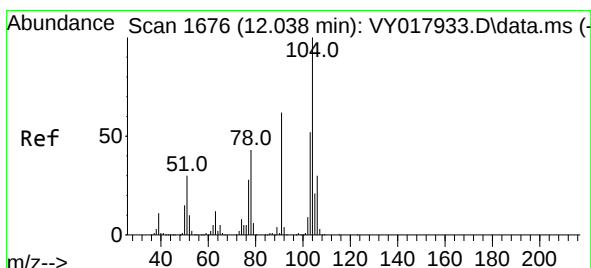
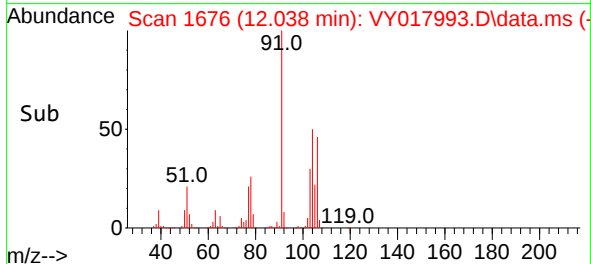
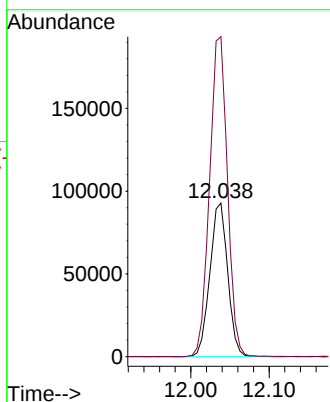
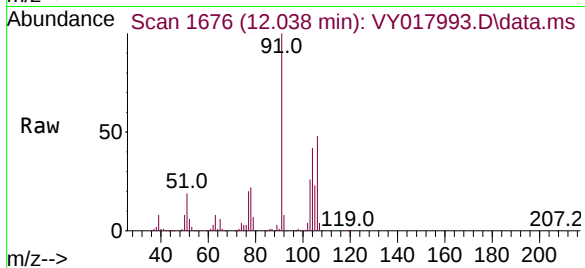




#69
o-Xylene
Concen: 18.20 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

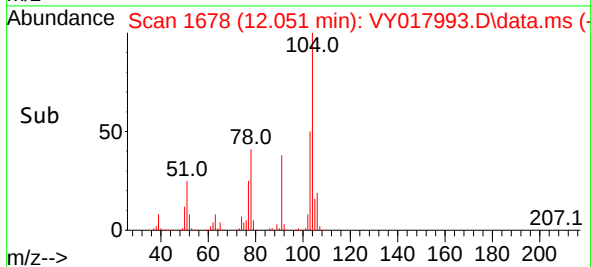
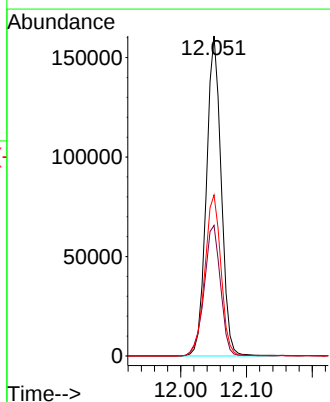
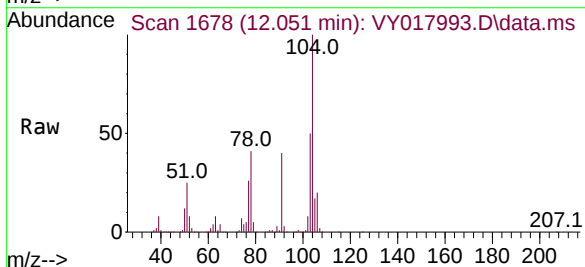
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

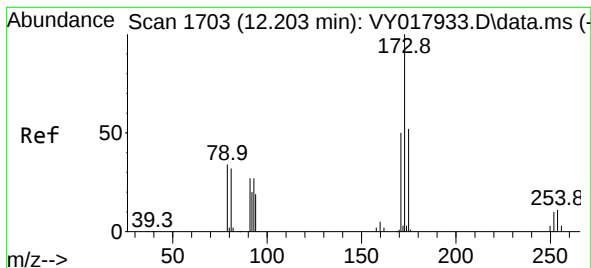
Tgt Ion:106 Resp: 146578
Ion Ratio Lower Upper
106 100
91 209.3 103.6 310.8



#70
Styrene
Concen: 18.54 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:104 Resp: 252338
Ion Ratio Lower Upper
104 100
78 44.9 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 18.10 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBSD01

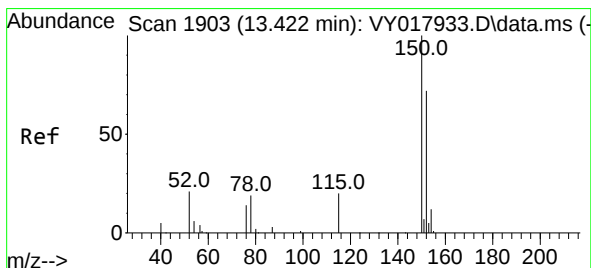
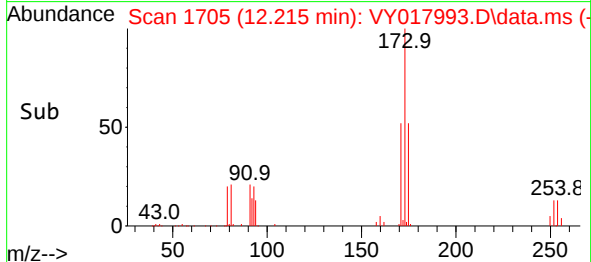
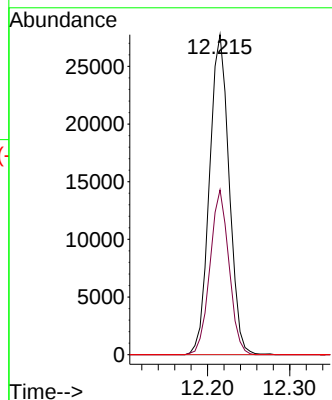
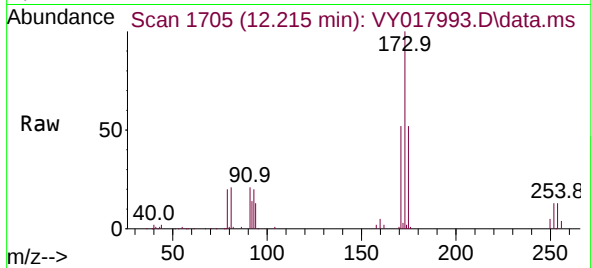
Tgt Ion:173 Resp: 45991

Ion Ratio Lower Upper

173 100

175 49.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

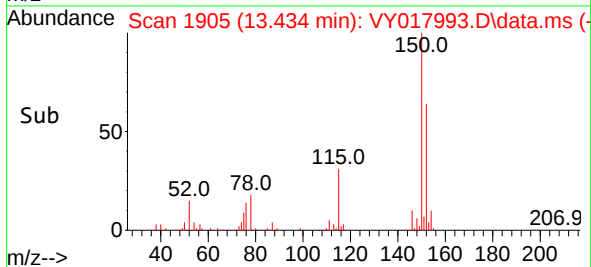
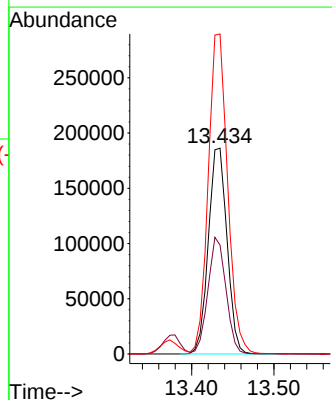
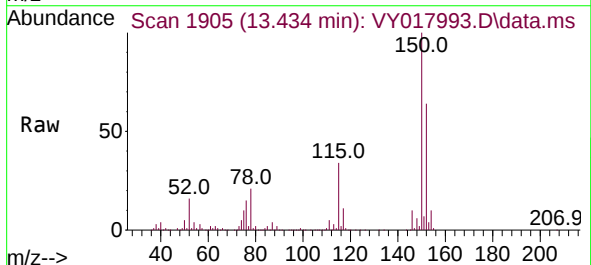
Tgt Ion:152 Resp: 294181

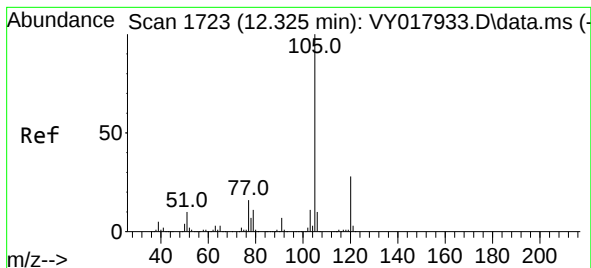
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 161.2 0.0 345.6





#73

Isopropylbenzene

Concen: 17.91 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

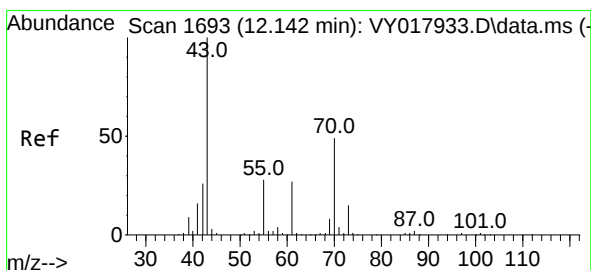
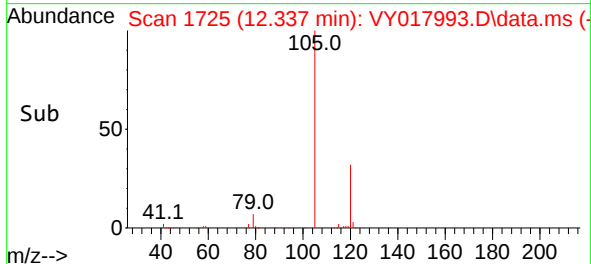
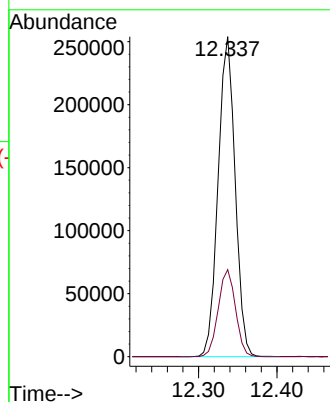
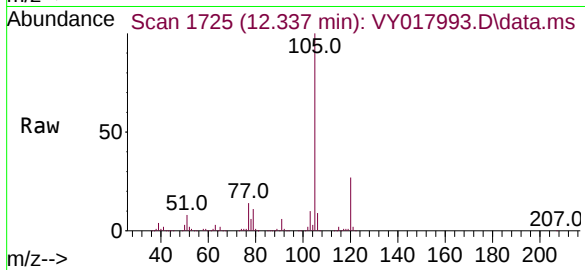
VY0419SBS01

Tgt Ion:105 Resp: 383927

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 16.99 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion: 43 Resp: 73527

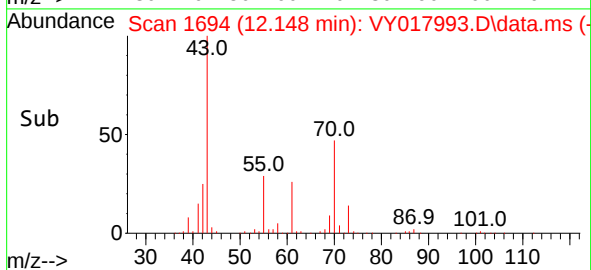
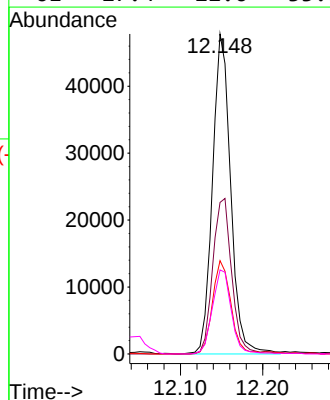
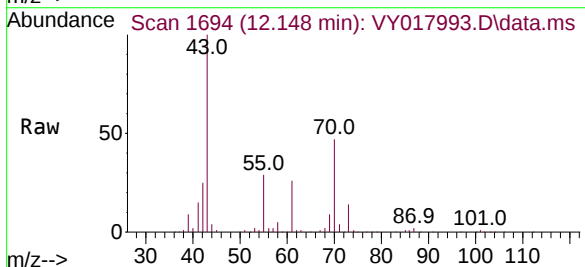
Ion Ratio Lower Upper

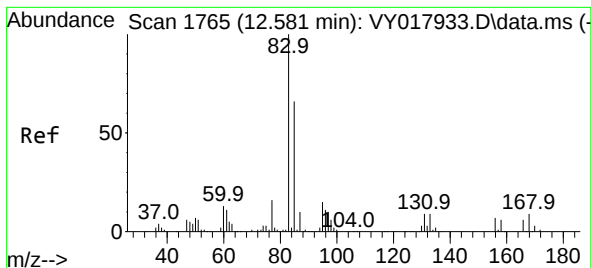
43 100

70 51.0 41.4 62.2

55 30.1 23.3 34.9

61 27.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 17.52 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

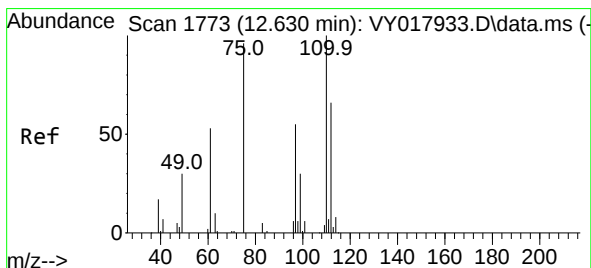
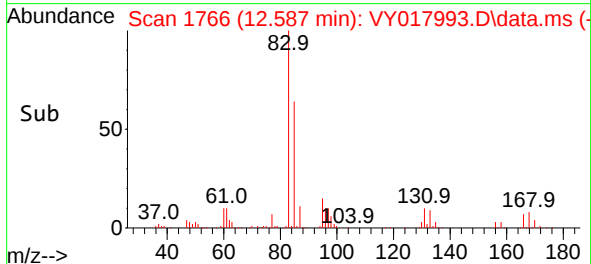
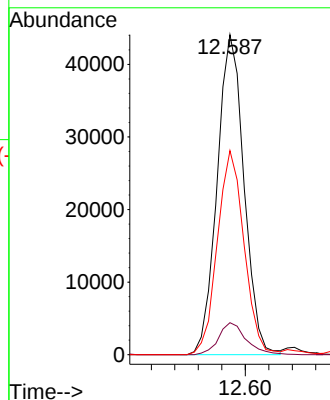
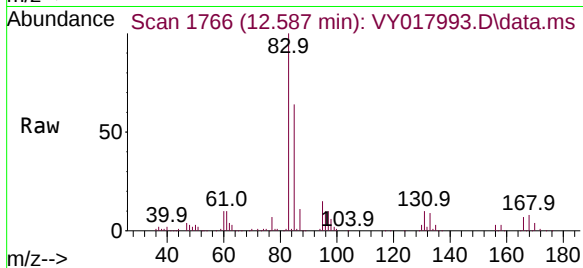
Tgt Ion: 83 Resp: 70056

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 30.15 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017993.D

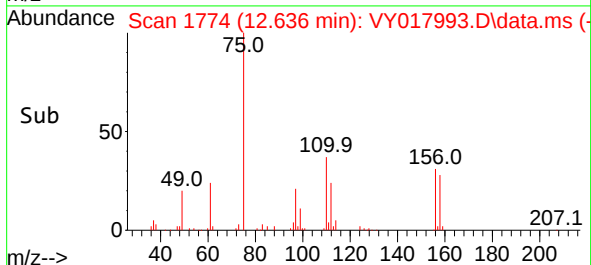
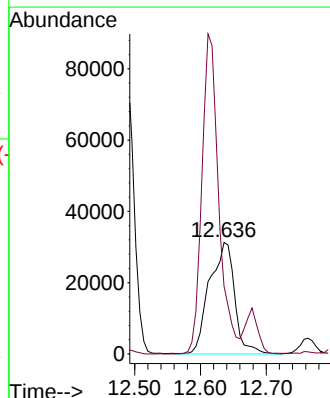
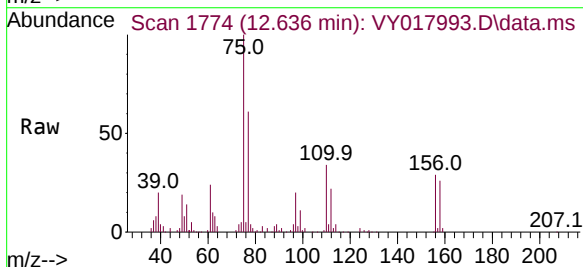
Acq: 19 Apr 2024 12:59

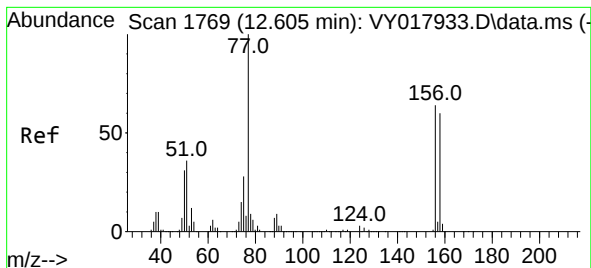
Tgt Ion: 75 Resp: 83240

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.18 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

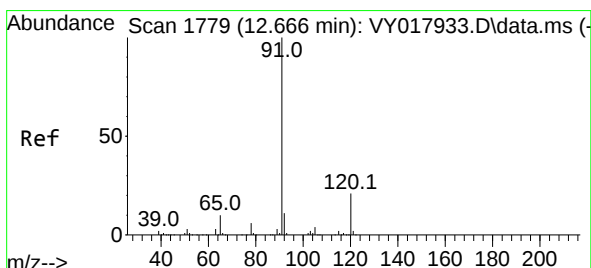
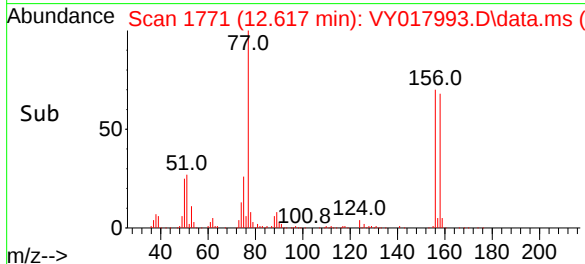
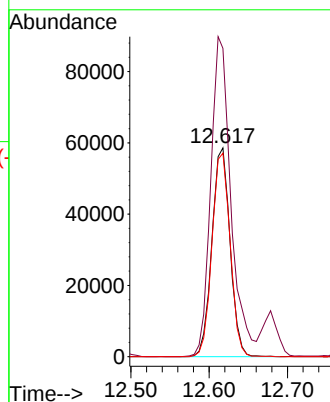
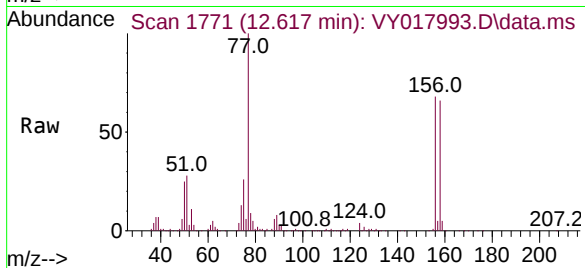
Tgt Ion:156 Resp: 94318

Ion Ratio Lower Upper

156 100

77 170.3 87.1 261.3

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 17.99 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017993.D

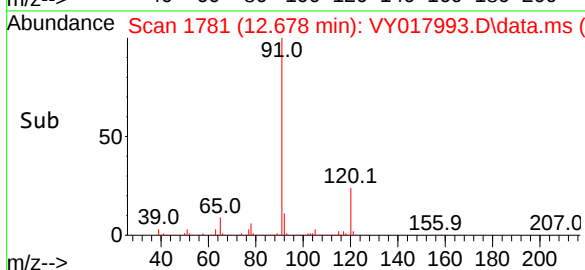
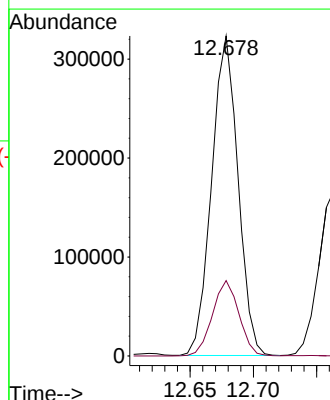
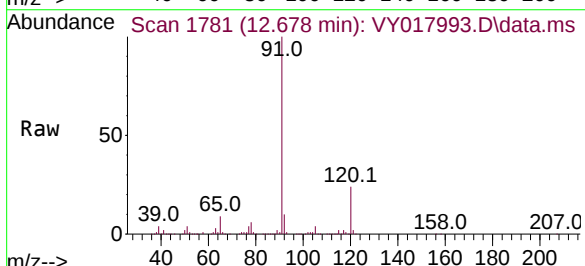
Acq: 19 Apr 2024 12:59

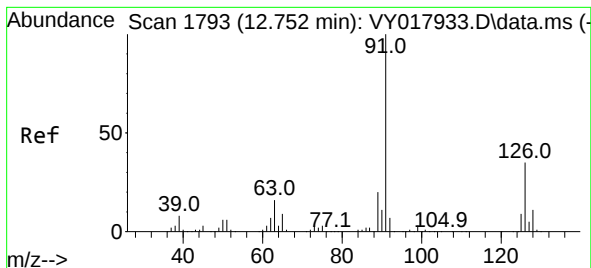
Tgt Ion: 91 Resp: 467910

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.88 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

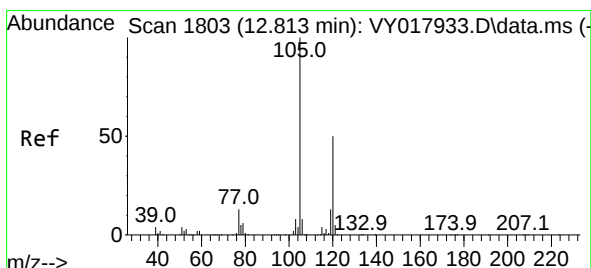
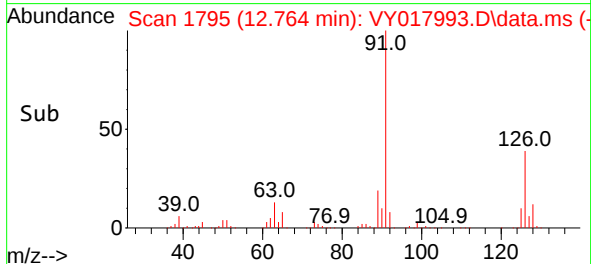
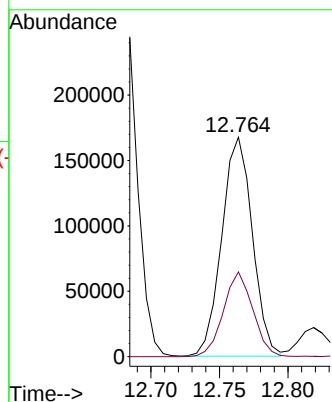
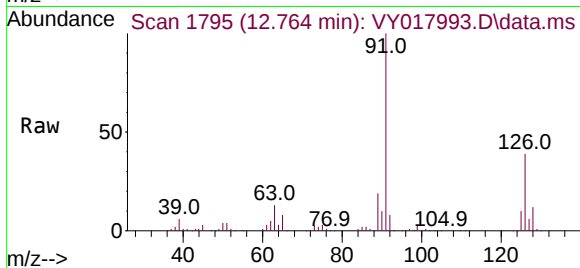
VY0419SBS01

Tgt Ion: 91 Resp: 260301

Ion Ratio Lower Upper

91 100

126 37.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.35 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY017993.D

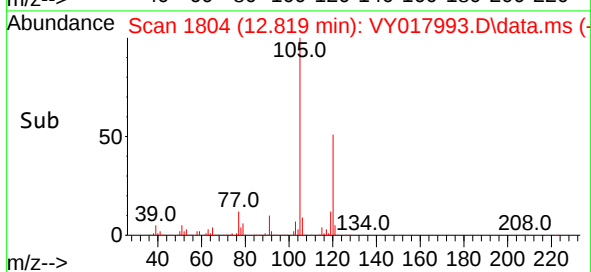
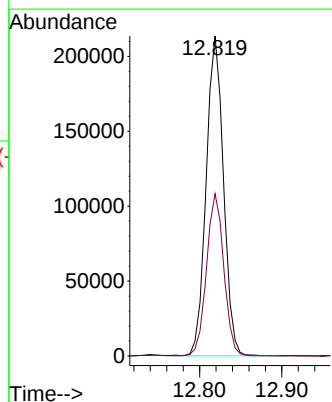
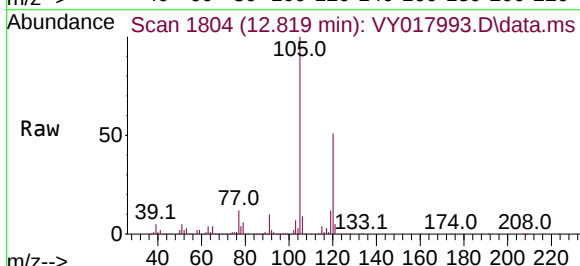
Acq: 19 Apr 2024 12:59

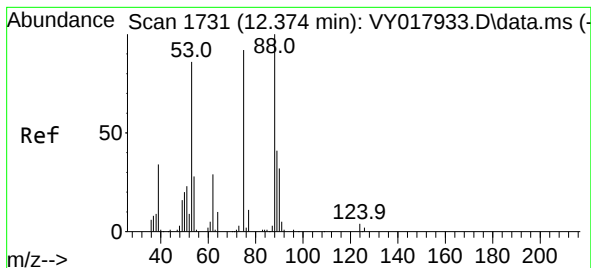
Tgt Ion: 105 Resp: 311925

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2

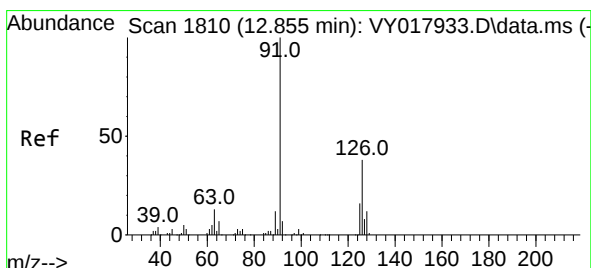
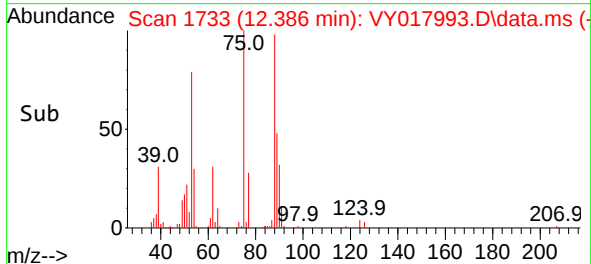
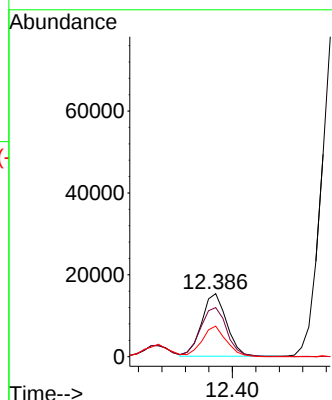
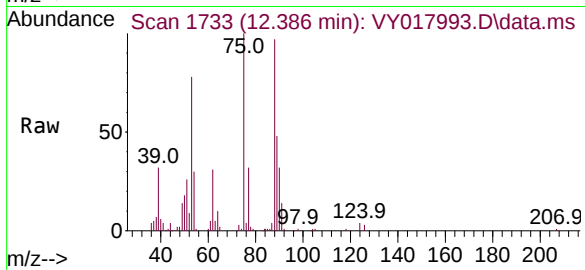




#81
trans-1,4-Dichloro-2-butene
Concen: 16.76 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

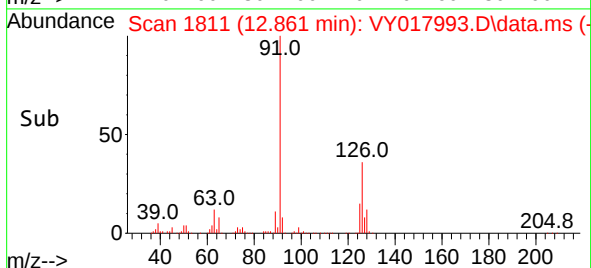
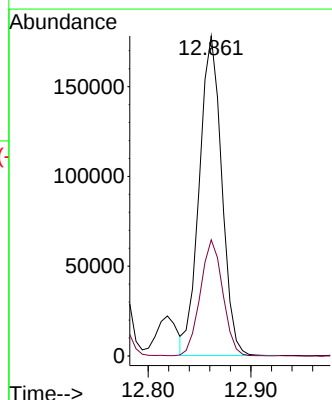
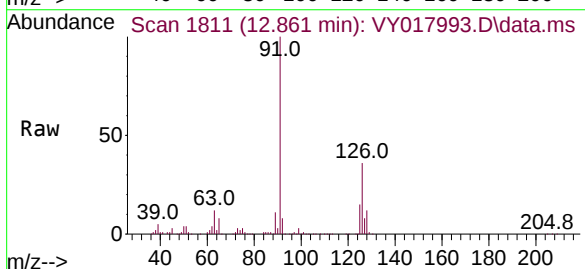
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

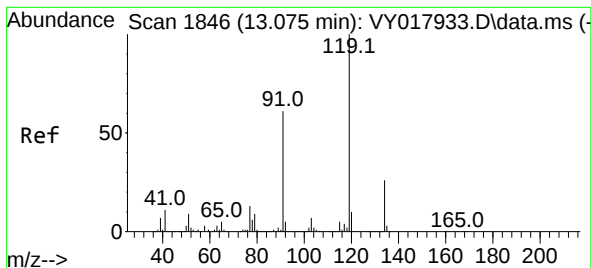
Tgt Ion: 75 Resp: 22434
Ion Ratio Lower Upper
75 100
53 84.6 66.8 100.2
89 47.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 17.92 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 91 Resp: 270121
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.23 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

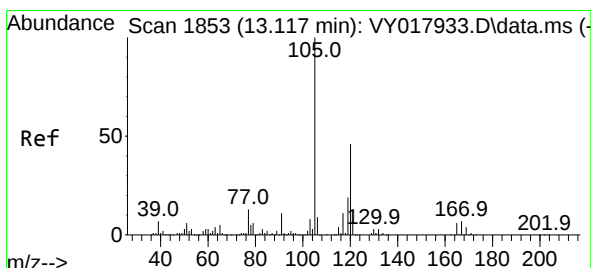
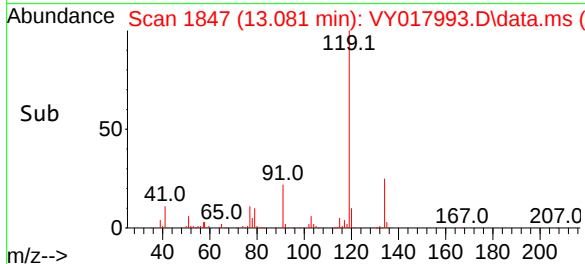
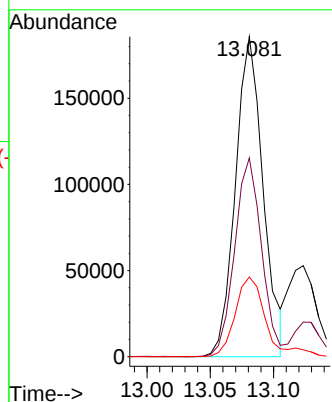
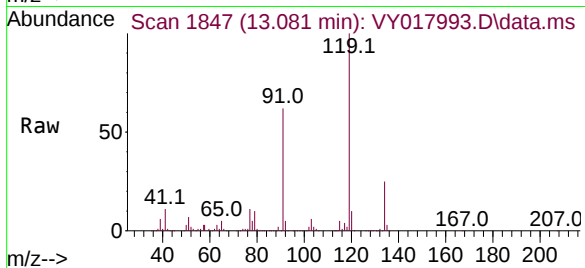
Tgt Ion:119 Resp: 282945

Ion Ratio Lower Upper

119 100

91 60.2 31.3 93.8

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.25 ug/l

RT: 13.124 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY017993.D

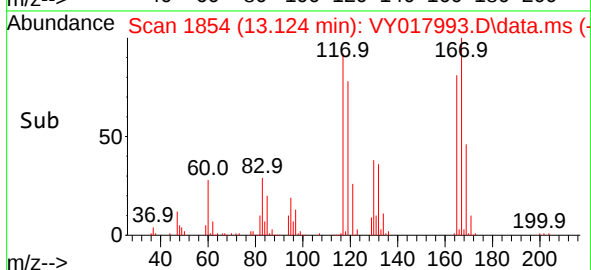
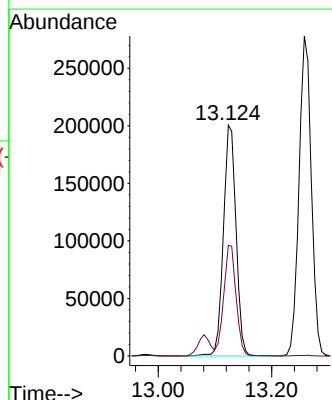
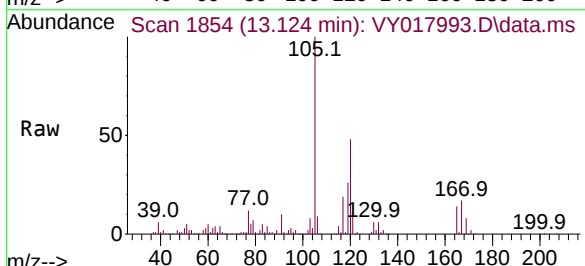
Acq: 19 Apr 2024 12:59

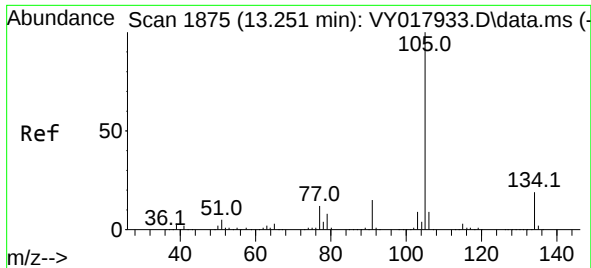
Tgt Ion:105 Resp: 308989

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6

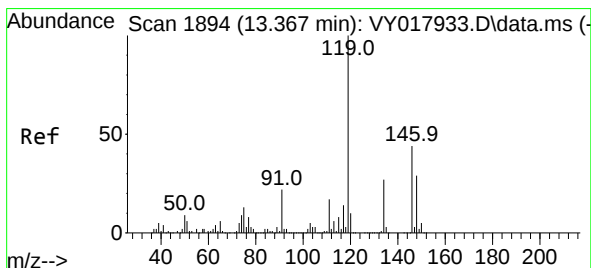
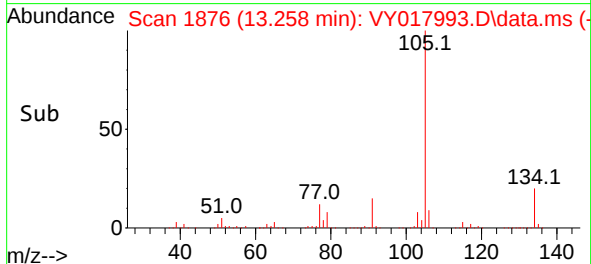
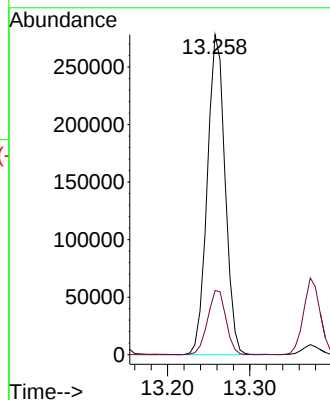
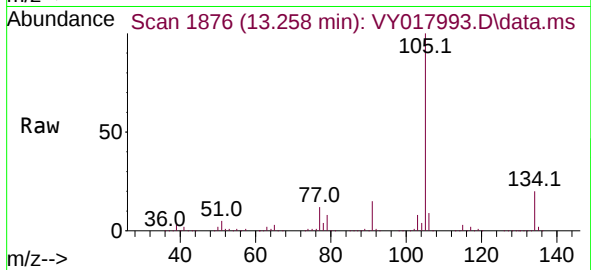




#85
 sec-Butylbenzene
 Concen: 17.93 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

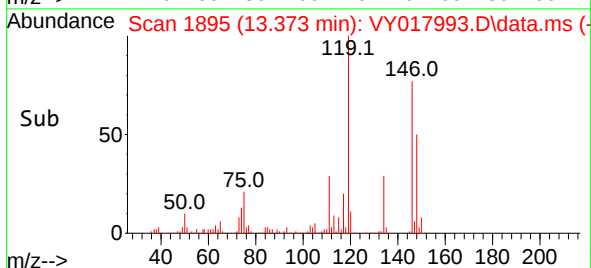
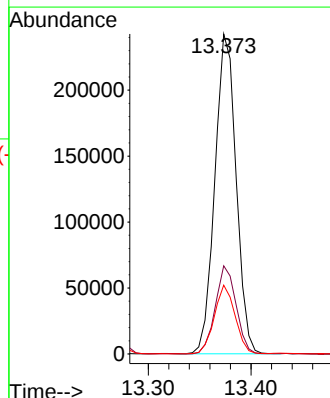
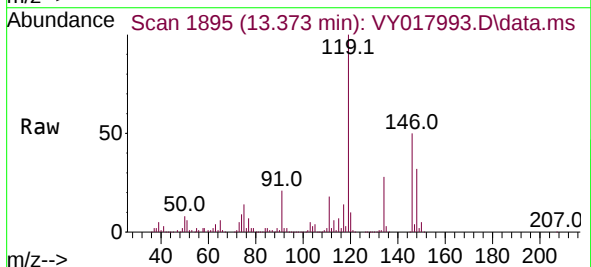
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

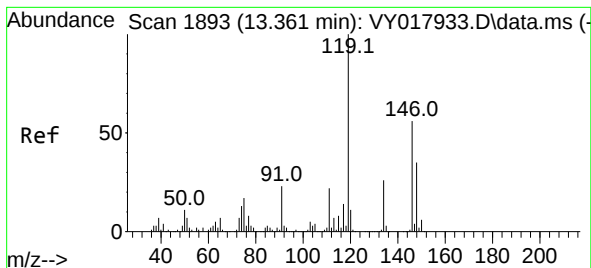
Tgt Ion:105 Resp: 418133
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.14 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY017993.D
 Acq: 19 Apr 2024 12:59

Tgt Ion:119 Resp: 347565
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 20.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.00 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

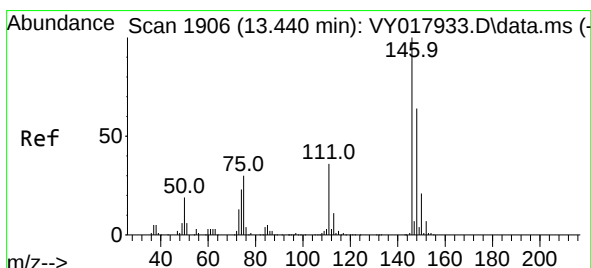
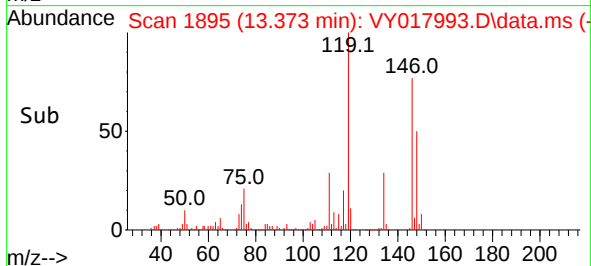
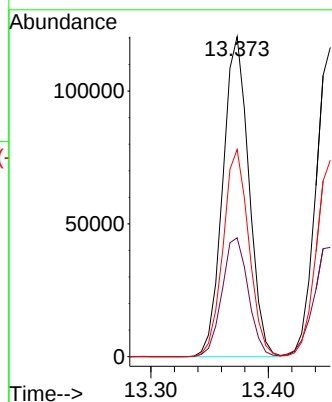
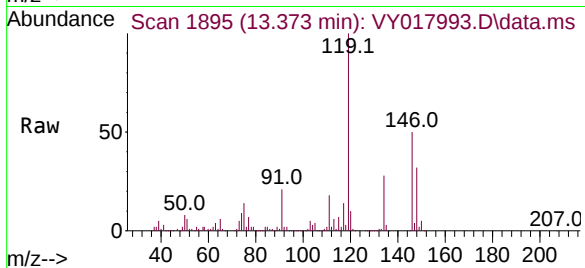
Tgt Ion:146 Resp: 185301

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.10 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

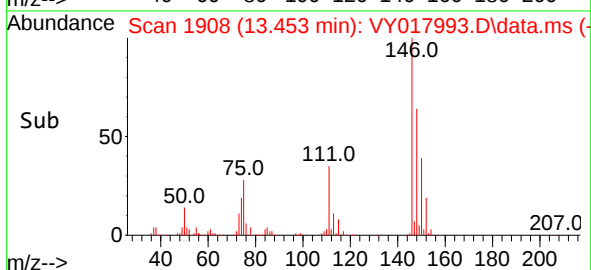
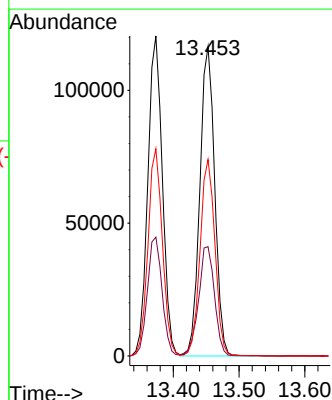
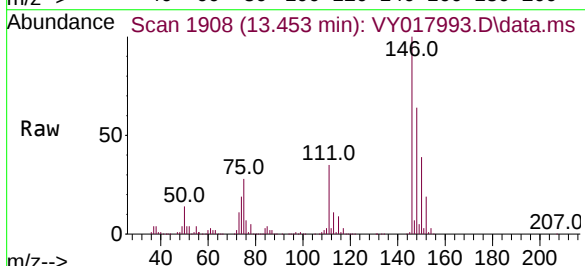
Tgt Ion:146 Resp: 182922

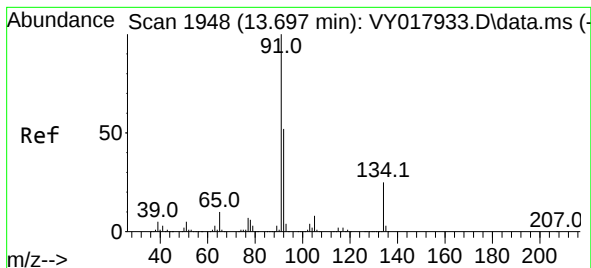
Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 17.82 ug/l

RT: 13.703 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

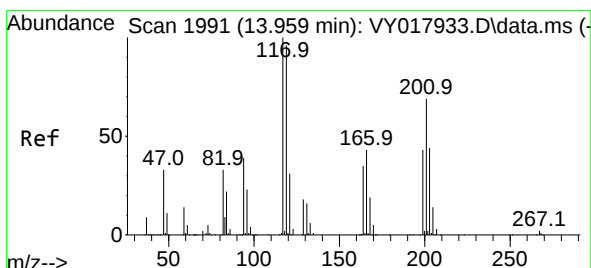
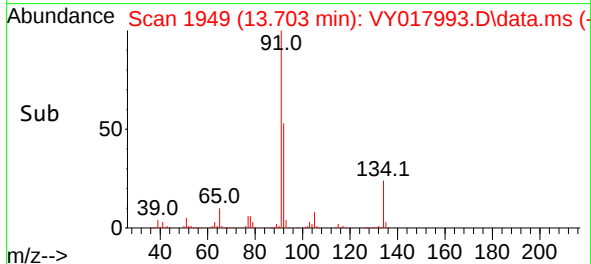
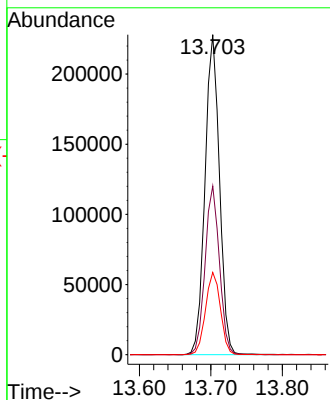
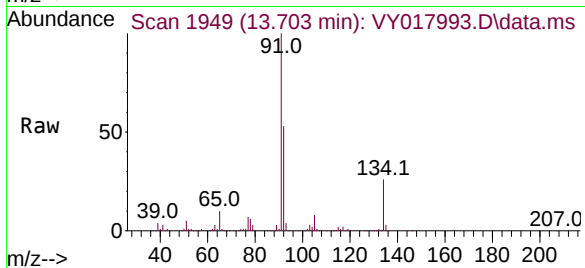
Tgt Ion: 91 Resp: 321204

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 26.5 12.9 38.7



#90

Hexachloroethane

Concen: 17.77 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY017993.D

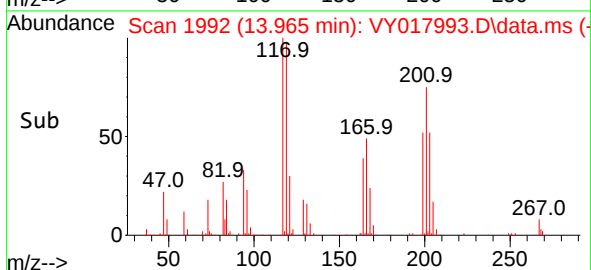
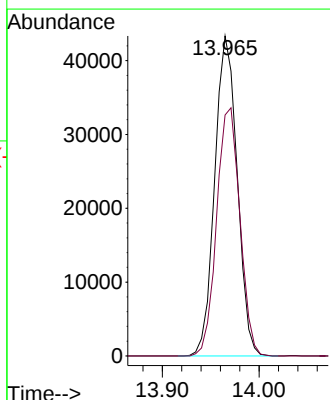
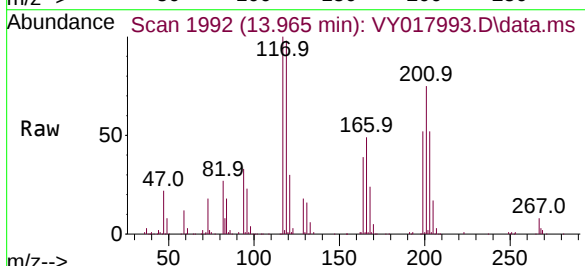
Acq: 19 Apr 2024 12:59

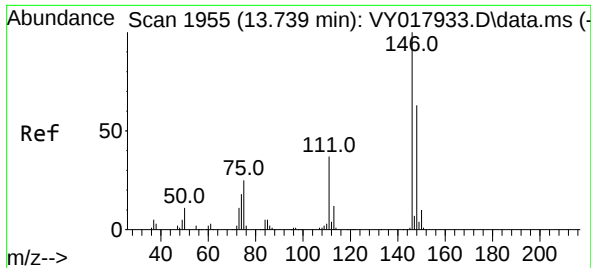
Tgt Ion: 117 Resp: 69817

Ion Ratio Lower Upper

117 100

201 80.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.21 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

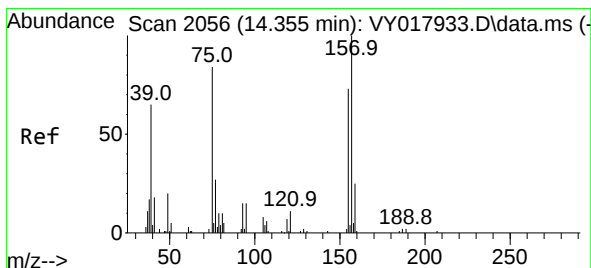
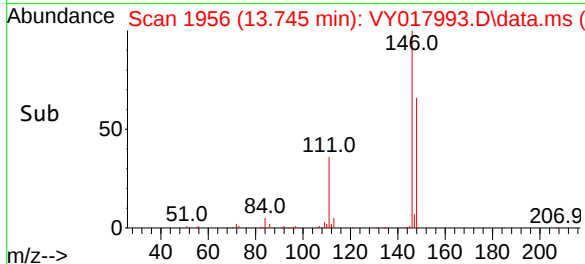
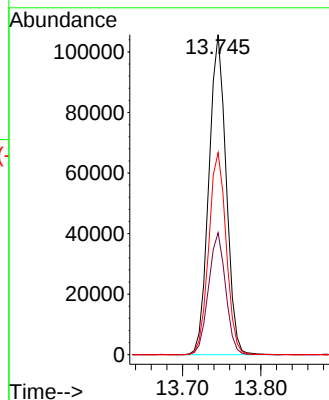
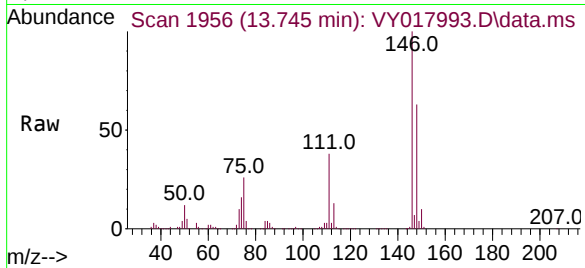
Tgt Ion:146 Resp: 161657

Ion Ratio Lower Upper

146 100

111 37.8 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.59 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

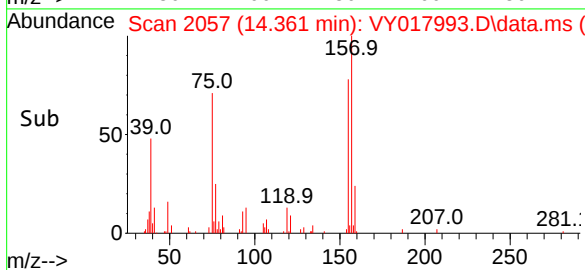
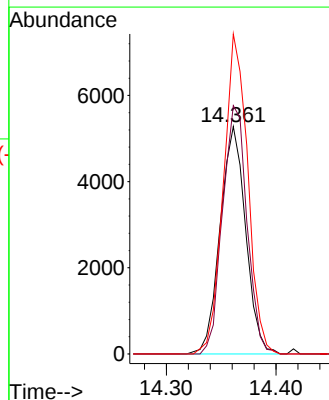
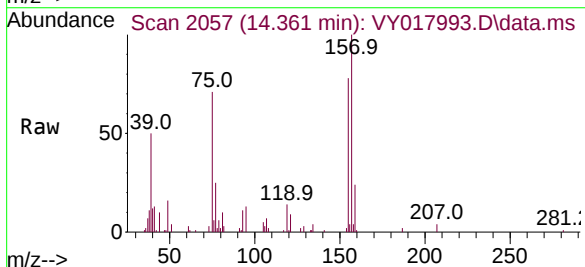
Tgt Ion: 75 Resp: 8529

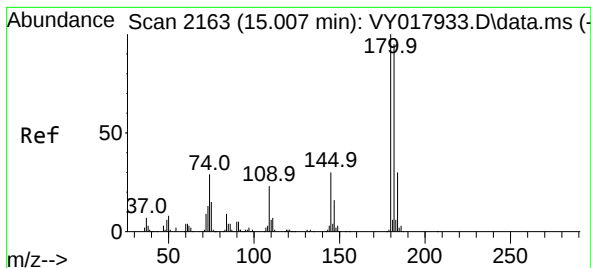
Ion Ratio Lower Upper

75 100

155 104.6 48.6 145.8

157 133.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.23 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

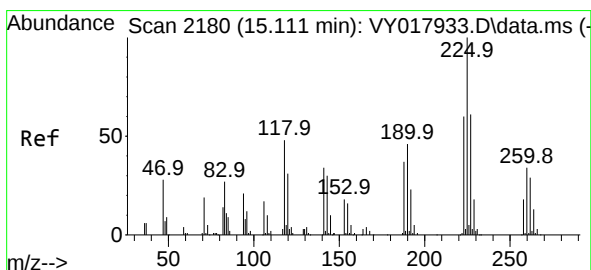
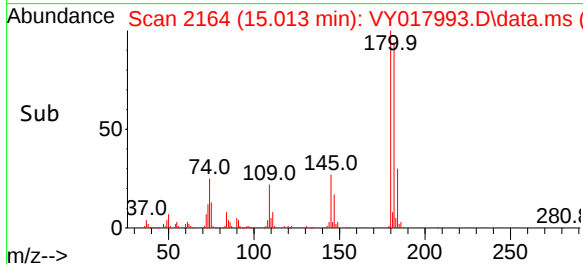
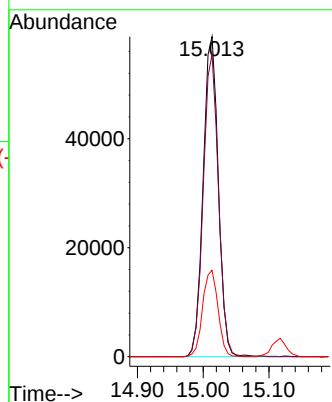
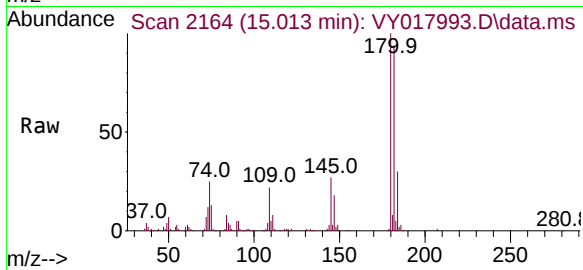
Tgt Ion:180 Resp: 94253

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 27.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.19 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

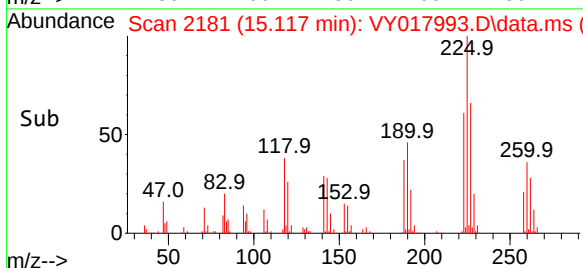
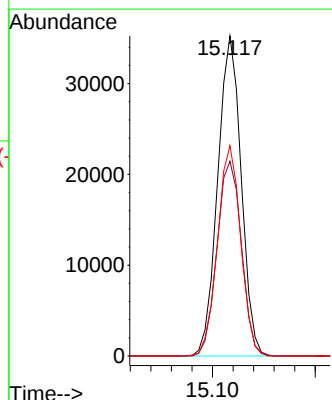
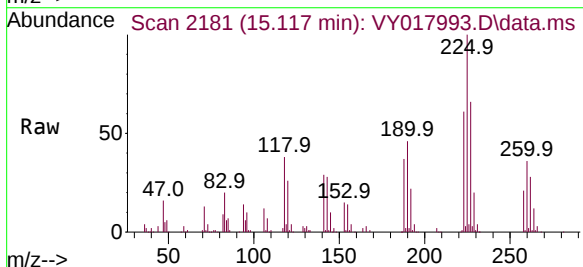
Tgt Ion:225 Resp: 55793

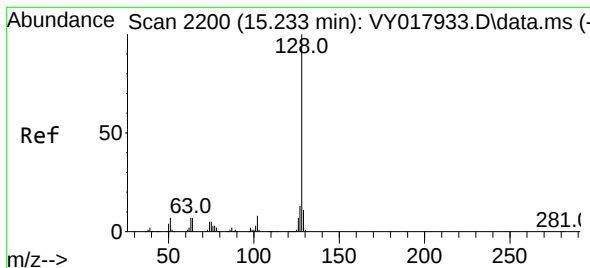
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 16.98 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

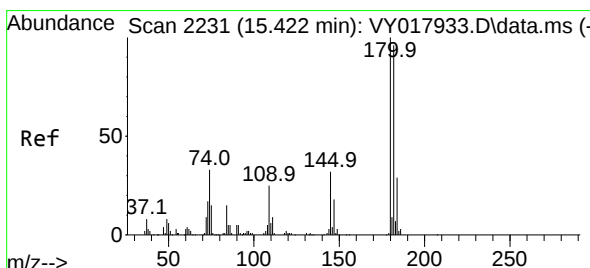
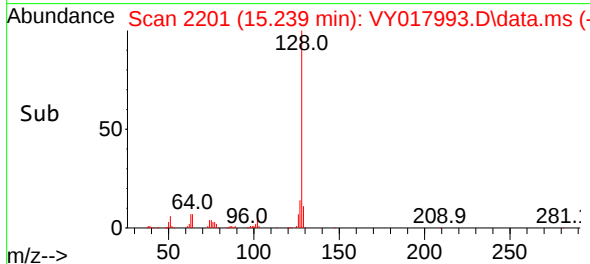
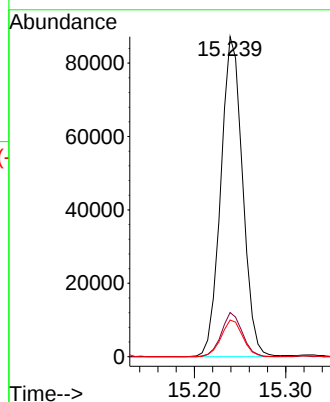
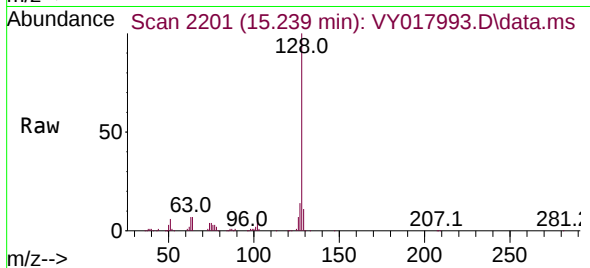
Tgt Ion:128 Resp: 144652

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.24 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion:180 Resp: 79128

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 30.0 15.4 46.1

