

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018005.D
 Acq On : 19 Apr 2024 17:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 19 23:27:58 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	7.789	168	404573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	627000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	566490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	278437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	168471	48.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.24%
35) Dibromofluoromethane	7.716	113	198724	51.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.74%
50) Toluene-d8	10.185	98	783304	53.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.74%
62) 4-Bromofluorobenzene	12.483	95	245286	53.96	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.92%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	182421	56.84	ug/l	99
3) Chloromethane	2.113	50	188754	35.49	ug/l	99
4) Vinyl Chloride	2.247	62	221420	36.94	ug/l	99
5) Bromomethane	2.650	94	170167	42.65	ug/l	98
6) Chloroethane	2.790	64	148973	39.37	ug/l	97
7) Trichlorofluoromethane	3.119	101	332467	49.21	ug/l	96
8) Diethyl Ether	3.528	74	120150	56.28	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	220006	52.30	ug/l	94
10) Methyl Iodide	4.088	142	332546	59.42	ug/l	99
11) Tert butyl alcohol	4.954	59	65467	262.14	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	228256	55.89	ug/l	96
13) Acrolein	3.723	56	91320	334.91	ug/l	99
14) Allyl chloride	4.479	41	280711	53.11	ug/l	92
15) Acrylonitrile	5.155	53	241914	279.11	ug/l	100
16) Acetone	3.942	43	166030	240.01	ug/l	99
17) Carbon Disulfide	4.192	76	675713	52.01	ug/l	98
18) Methyl Acetate	4.472	43	89156	48.99	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	507636	57.03	ug/l	99
20) Methylene Chloride	4.710	84	273807	58.42	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	250105	55.90	ug/l	98
22) Diisopropyl ether	6.119	45	644153	55.60	ug/l	98
23) Vinyl Acetate	6.058	43	1919408	279.36	ug/l	100
24) 1,1-Dichloroethane	6.015	63	411121	54.35	ug/l	99
25) 2-Butanone	6.984	43	272306	267.80	ug/l	99
26) 2,2-Dichloropropane	6.978	77	328173	54.07	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	298822	58.48	ug/l	97
28) Bromochloromethane	7.332	49	129341	43.47	ug/l	93
29) Tetrahydrofuran	7.350	42	180525	279.77	ug/l	99
30) Chloroform	7.509	83	435381	56.31	ug/l	99
31) Cyclohexane	7.783	56	328649	49.11	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	366155	56.86	ug/l	98
36) 1,1-Dichloropropene	7.917	75	309622	55.04	ug/l	99
37) Ethyl Acetate	7.070	43	128926	55.70	ug/l #	97
38) Carbon Tetrachloride	7.905	117	333912	58.75	ug/l	97
39) Methylcyclohexane	9.185	83	398962	54.42	ug/l	97
40) Benzene	8.161	78	1015860	57.65	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	65026	44.53	ug/l	96
42) 1,2-Dichloroethane	8.240	62	222547	55.12	ug/l	98
43) Isopropyl Acetate	8.271	43	237956	55.15	ug/l	99
44) Trichloroethene	8.941	130	269250	60.13	ug/l	97
45) 1,2-Dichloropropane	9.216	63	228409	56.31	ug/l	100
46) Dibromomethane	9.307	93	132227	58.93	ug/l	93
47) Bromodichloromethane	9.496	83	329529	58.54	ug/l	98
48) Methyl methacrylate	9.295	41	110009	55.65	ug/l	94
49) 1,4-Dioxane	9.301	88	29734	1160.87	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	655975	286.81	ug/l	98
52) Toluene	10.246	92	656934	60.76	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	306751	59.69	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	371356	58.82	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	183924	60.30	ug/l	96
56) Ethyl methacrylate	10.514	69	244985	61.61	ug/l	98
57) 1,3-Dichloropropane	10.795	76	306864	59.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	474827	229.74	ug/l	97
59) 2-Hexanone	10.837	43	460014	294.64	ug/l	99
60) Dibromochloromethane	10.990	129	246239	62.82	ug/l	99
61) 1,2-Dibromoethane	11.093	107	172545	60.70	ug/l	99
64) Tetrachloroethene	10.721	164	246287	60.69	ug/l	98
65) Chlorobenzene	11.520	112	737586	59.41	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	250116	61.09	ug/l	99
67) Ethyl Benzene	11.599	91	1231734	58.92	ug/l	97
68) m/p-Xylenes	11.709	106	960823	119.67	ug/l	99
69) o-Xylene	12.032	106	455977	60.81	ug/l	99
70) Styrene	12.050	104	785701	62.00	ug/l	99
71) Bromoform	12.209	173	146007	61.73	ug/l #	99
73) Isopropylbenzene	12.337	105	1157083	57.03	ug/l	98
74) N-amyl acetate	12.148	43	223499	54.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	207221	54.76	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	247451	94.71	ug/l #	100
77) Bromobenzene	12.611	156	296790	60.45	ug/l	92
78) n-propylbenzene	12.678	91	1380794	56.09	ug/l	98
79) 2-Chlorotoluene	12.764	91	773414	56.13	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	930230	57.82	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	70581	55.70	ug/l	94
82) 4-Chlorotoluene	12.861	91	794624	55.68	ug/l	96
83) tert-Butylbenzene	13.081	119	859356	58.49	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	924330	57.70	ug/l	98
85) sec-Butylbenzene	13.258	105	1231410	55.80	ug/l	97
86) p-Isopropyltoluene	13.373	119	1036362	57.15	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	560292	57.52	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	544883	56.98	ug/l	99
89) n-Butylbenzene	13.703	91	931892	54.62	ug/l	99
90) Hexachloroethane	13.965	117	206624	55.56	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	488117	58.08	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25965	53.35	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	280774	57.37	ug/l	98
94) Hexachlorobutadiene	15.117	225	164896	56.79	ug/l	99
95) Naphthalene	15.239	128	476896	59.13	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	235753	57.41	ug/l	99

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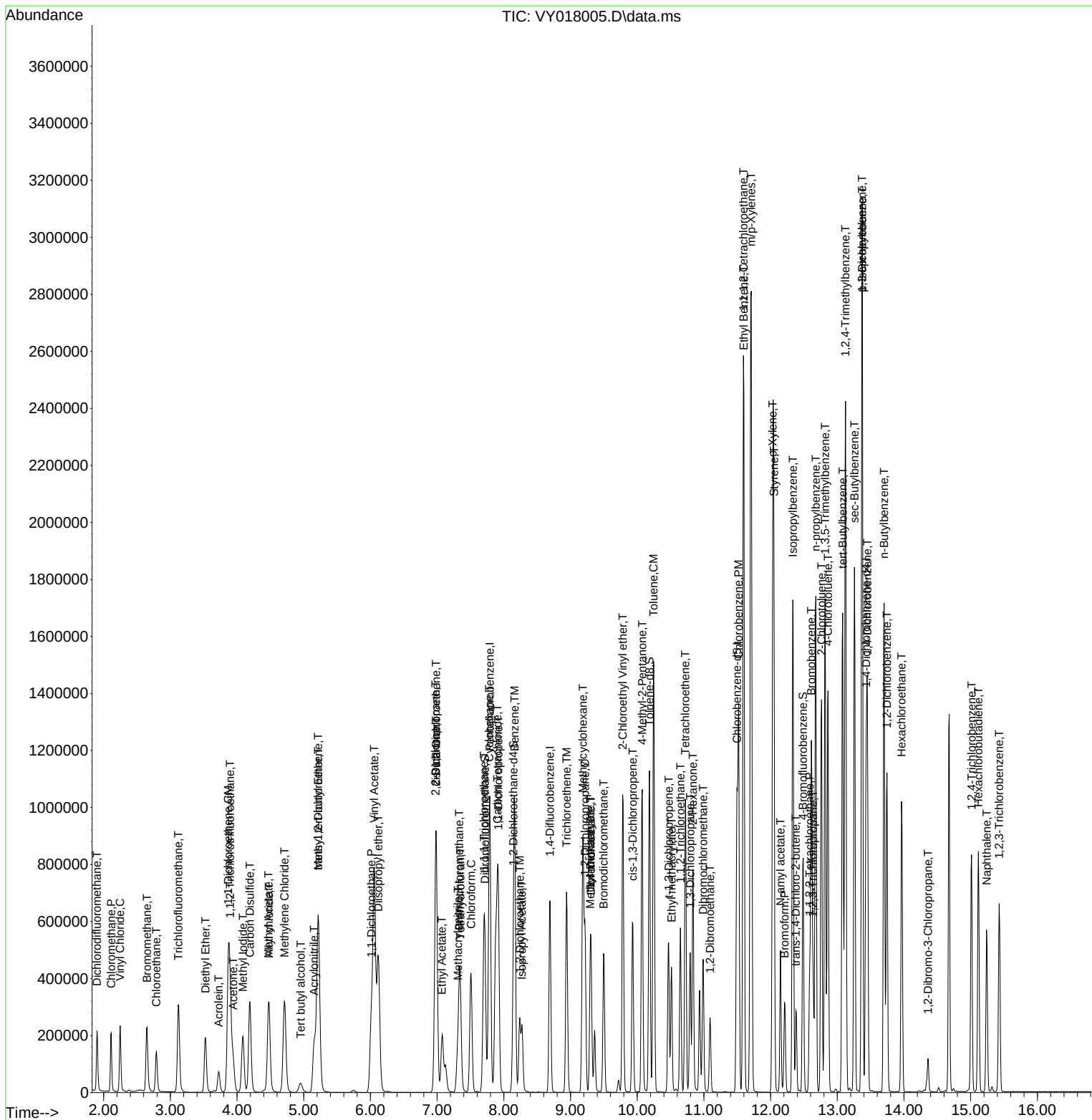
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

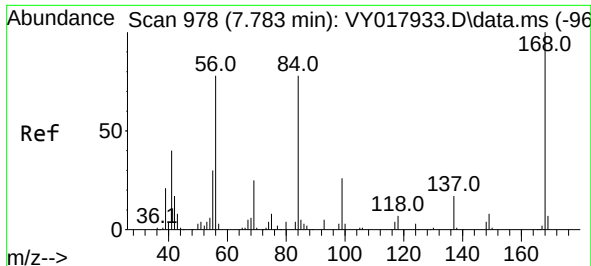
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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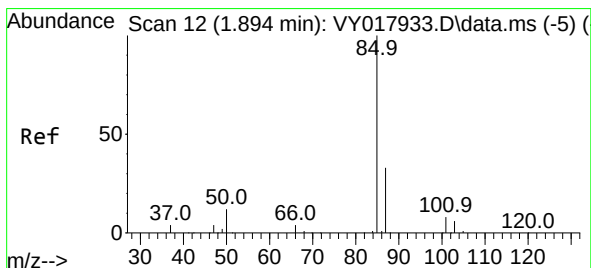
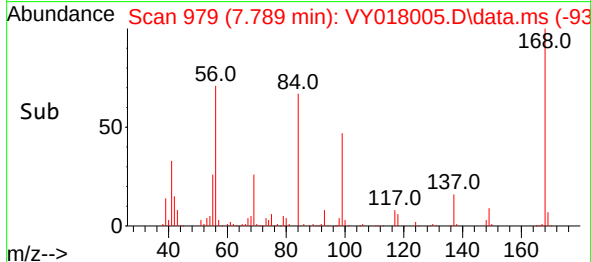
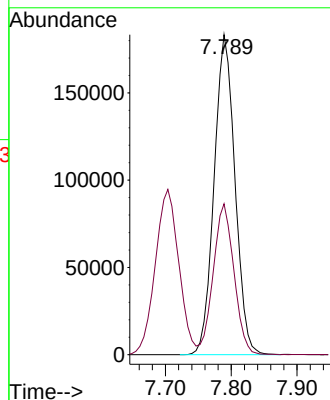
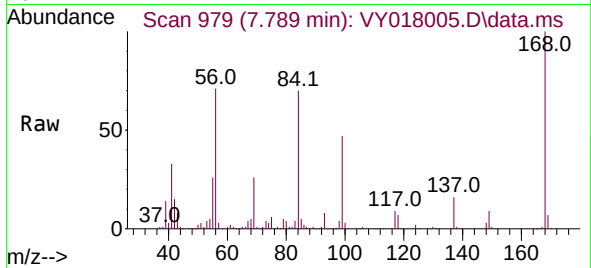




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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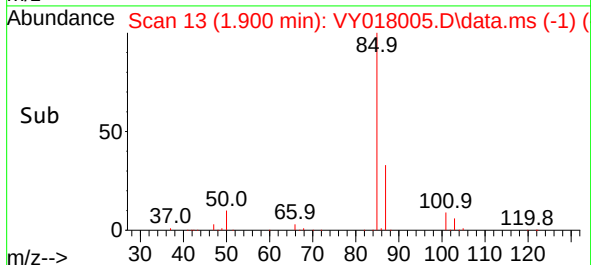
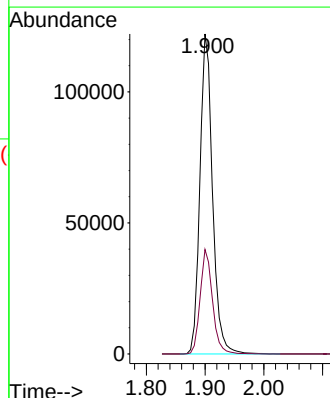
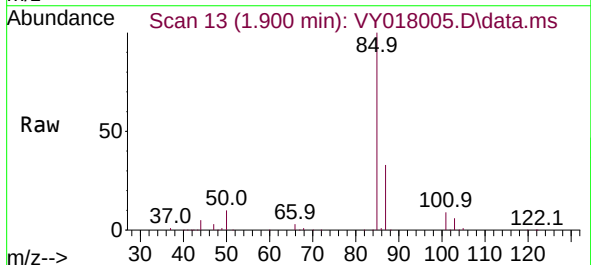
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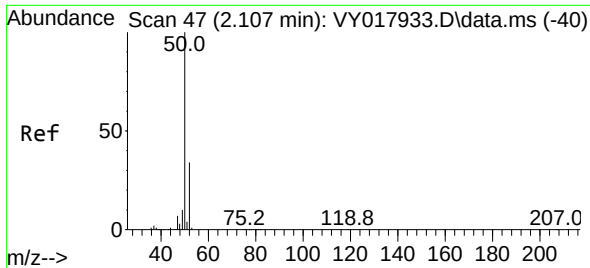
Tgt Ion:168 Resp: 404573
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 56.84 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 85 Resp: 182421
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

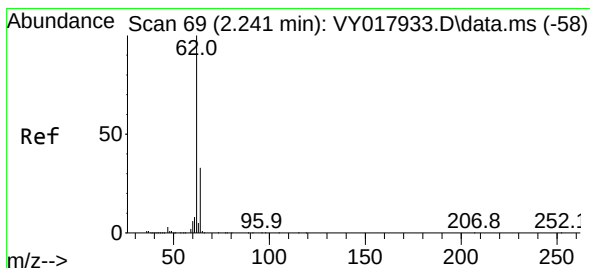
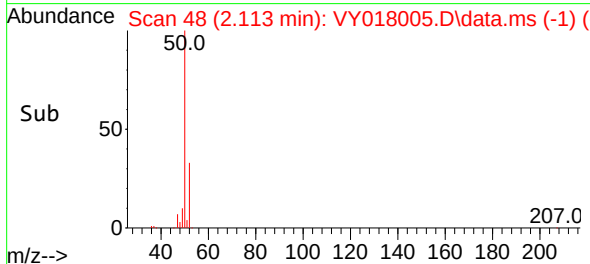
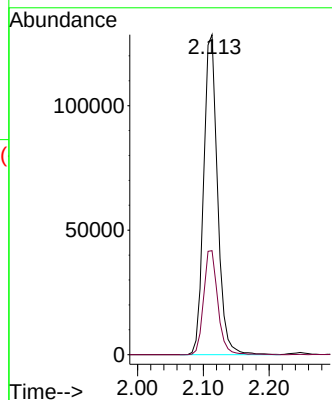
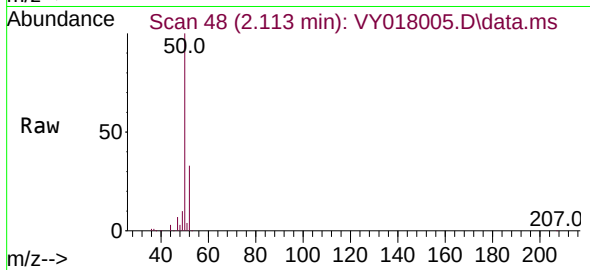




#3
Chloromethane
Concen: 35.49 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

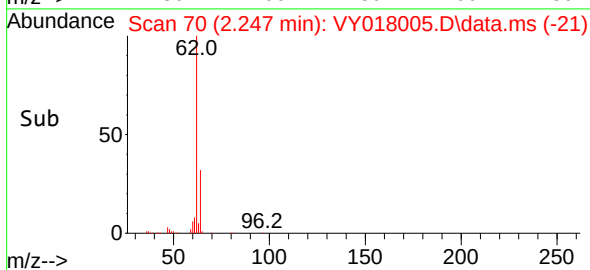
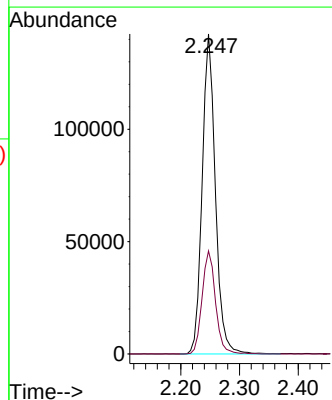
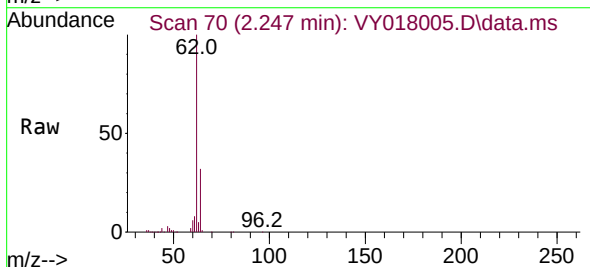
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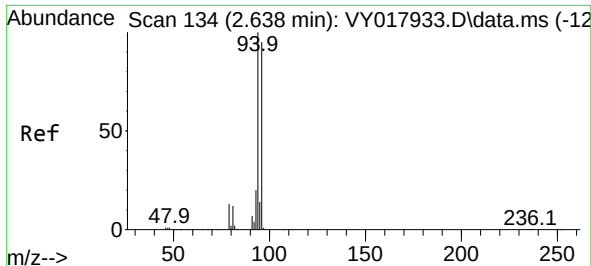
Tgt Ion: 50 Resp: 188754
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4



#4
Vinyl Chloride
Concen: 36.94 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 62 Resp: 221420
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1

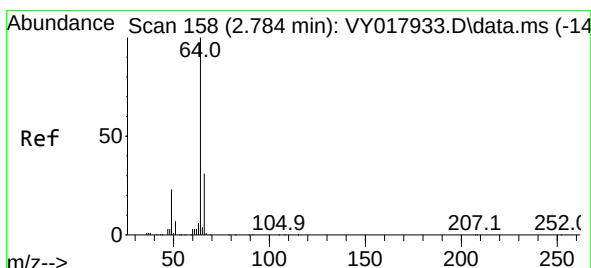
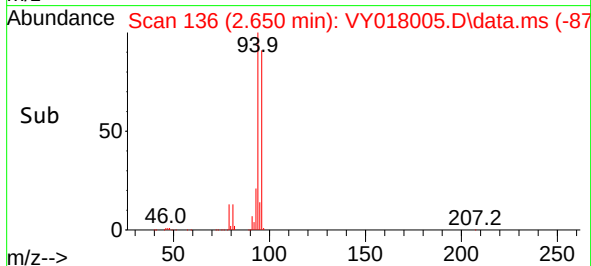
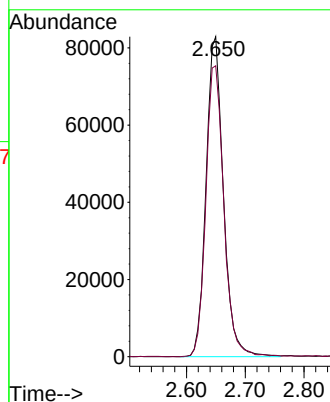
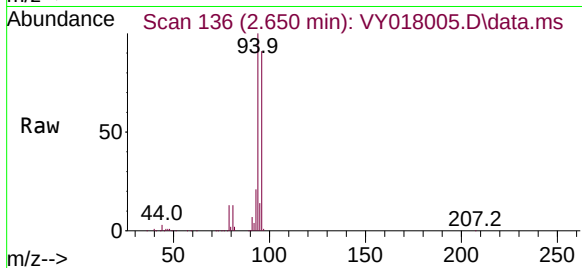




#5
Bromomethane
Concen: 42.65 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

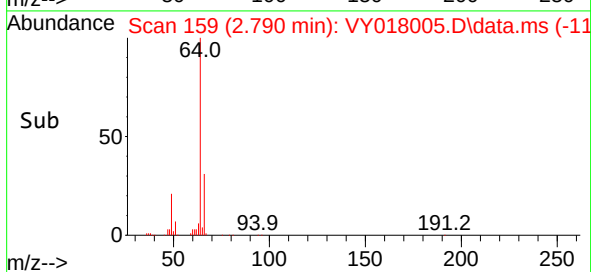
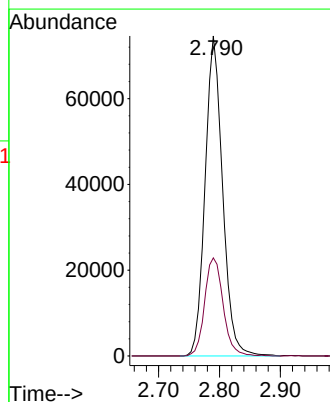
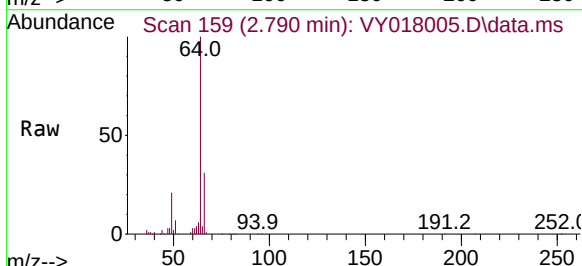
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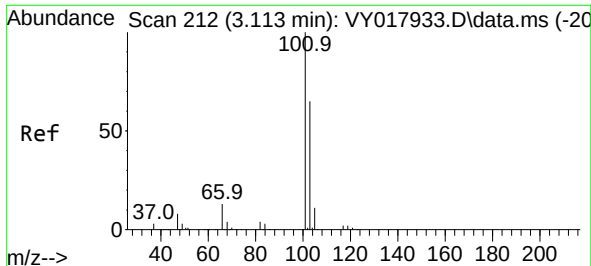
Tgt Ion: 94 Resp: 170167
Ion Ratio Lower Upper
94 100
96 90.9 74.1 111.1



#6
Chloroethane
Concen: 39.37 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 64 Resp: 148973
Ion Ratio Lower Upper
64 100
66 30.7 26.1 39.1

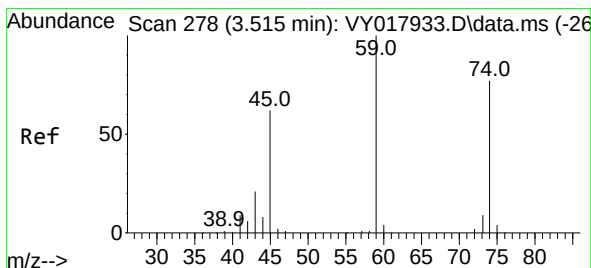
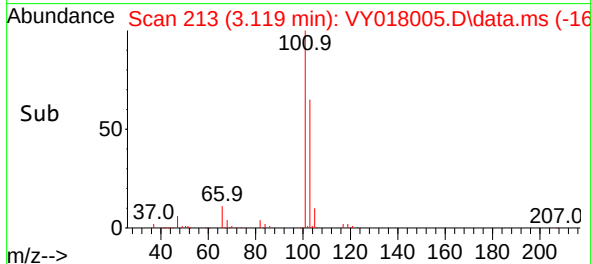
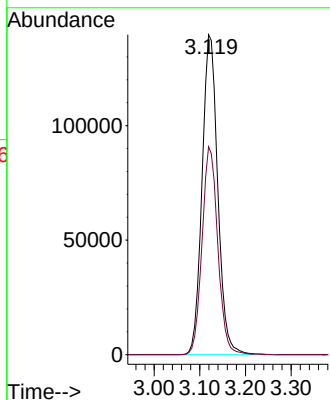
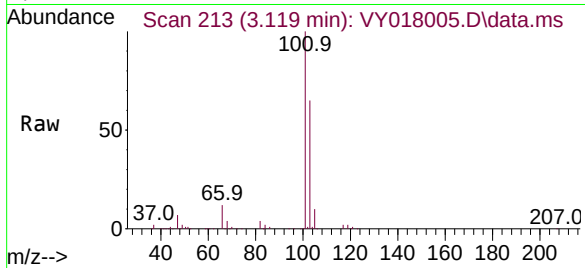




#7
 Trichlorofluoromethane
 Concen: 49.21 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY018005.D
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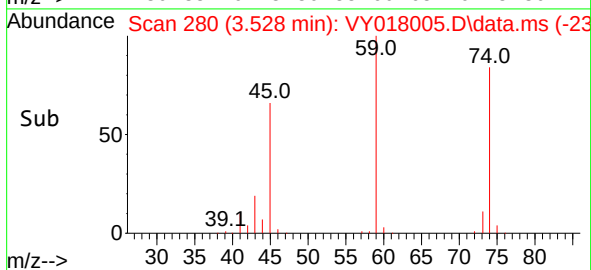
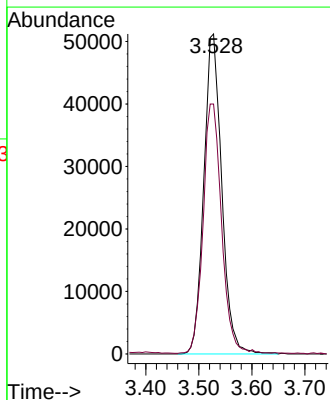
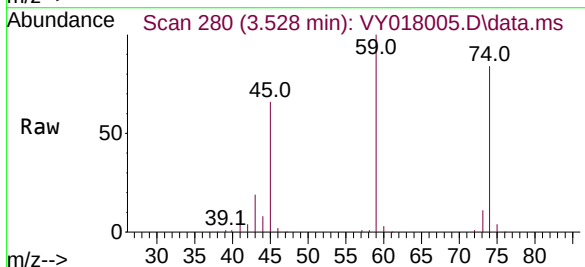
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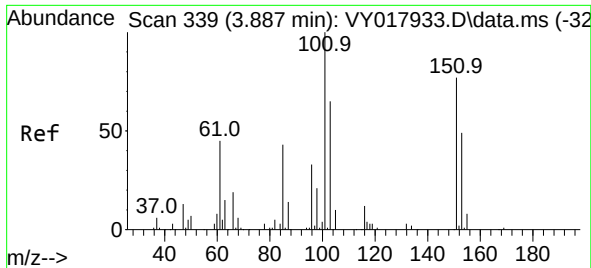
Tgt Ion:101 Resp: 332467
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 56.28 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 120150
 Ion Ratio Lower Upper
 74 100
 45 80.3 41.3 124.1

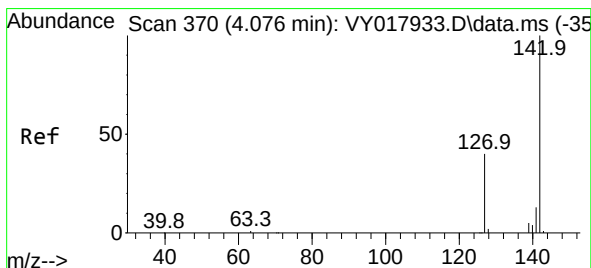
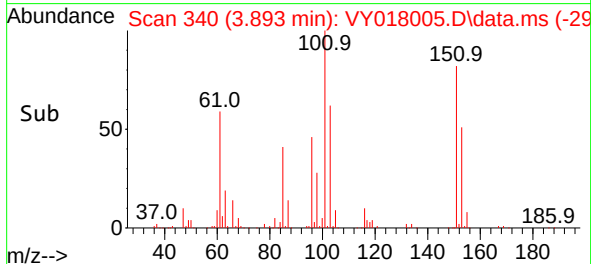
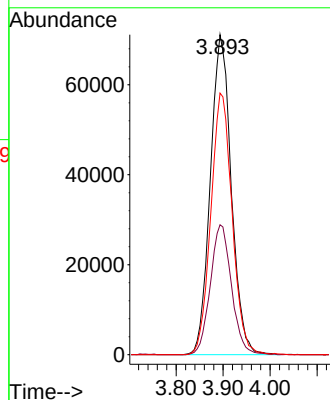
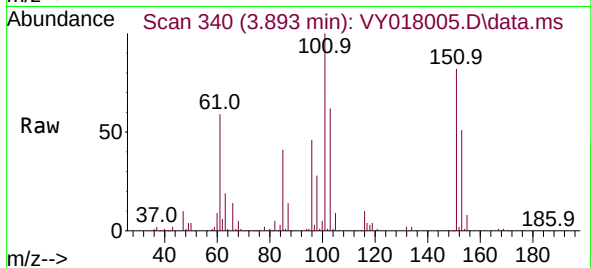




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.30 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

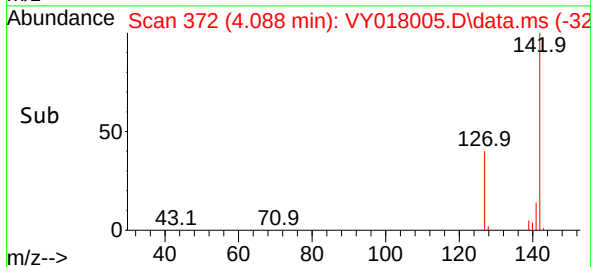
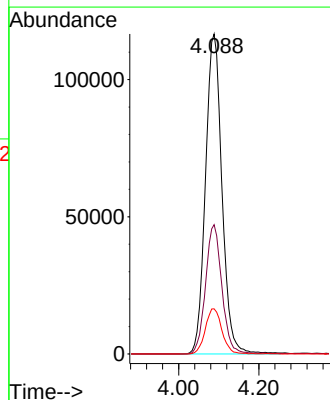
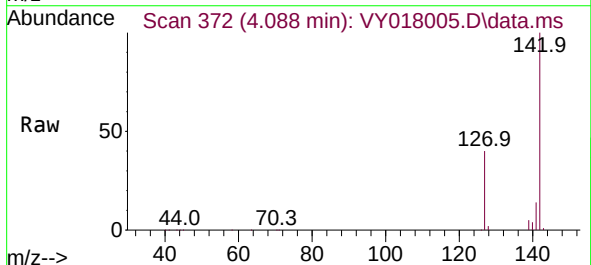
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

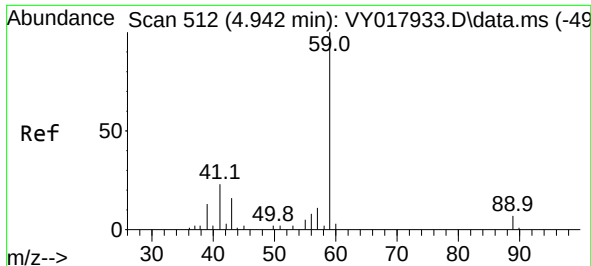
Tgt Ion:101 Resp: 220006
Ion Ratio Lower Upper
101 100
85 41.1 34.5 51.7
151 83.0 61.7 92.5



#10
Methyl Iodide
Concen: 59.42 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion:142 Resp: 332546
Ion Ratio Lower Upper
142 100
127 40.0 32.8 49.2
141 14.2 11.4 17.2

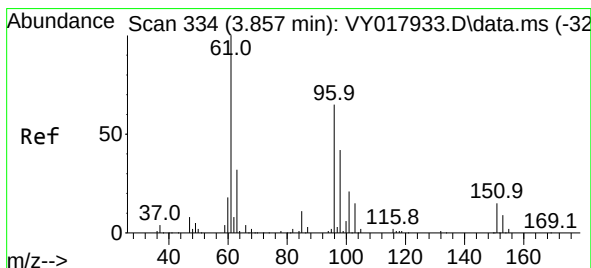
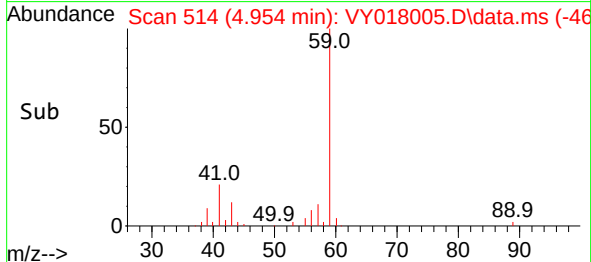
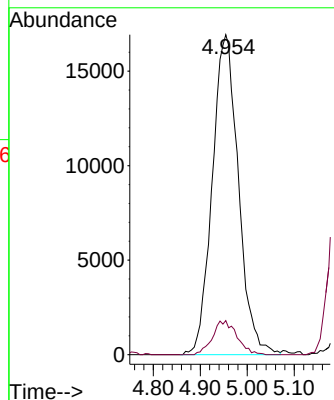
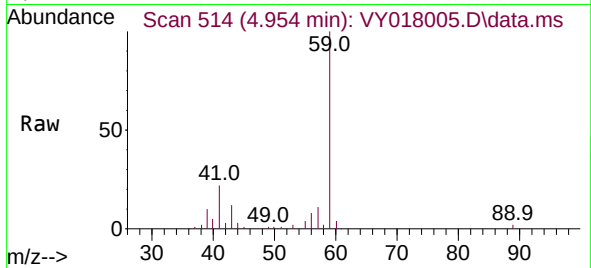




#11
Tert butyl alcohol
Concen: 262.14 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

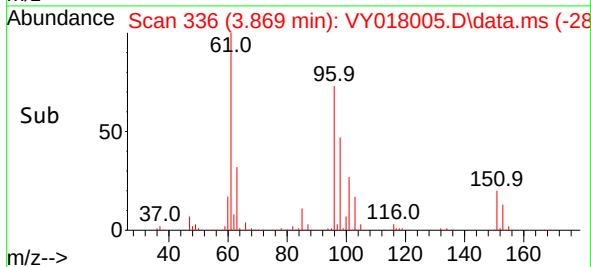
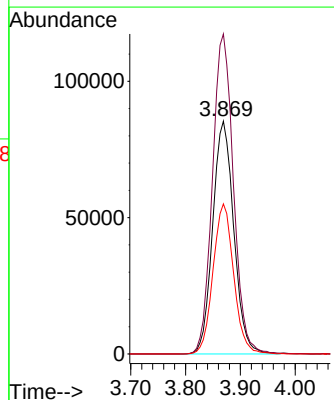
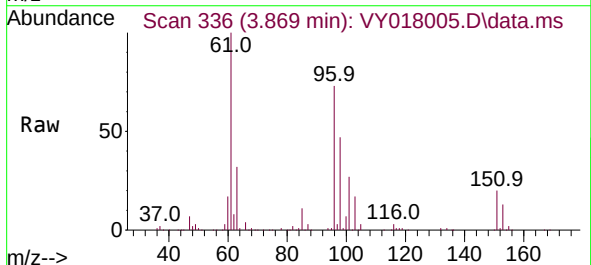
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

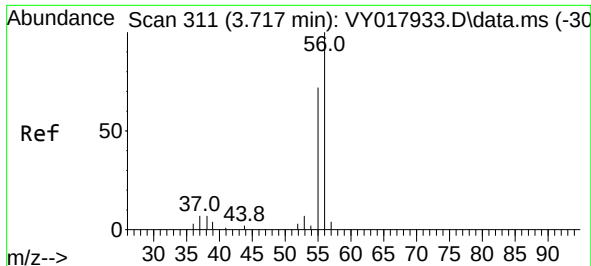
Tgt Ion: 59 Resp: 65467
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 55.89 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 96 Resp: 228256
Ion Ratio Lower Upper
96 100
61 137.4 114.6 171.8
98 64.5 50.8 76.2





#13

Acrolein

Concen: 334.91 ug/l

RT: 3.723 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

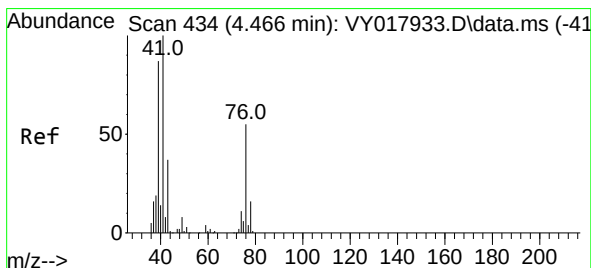
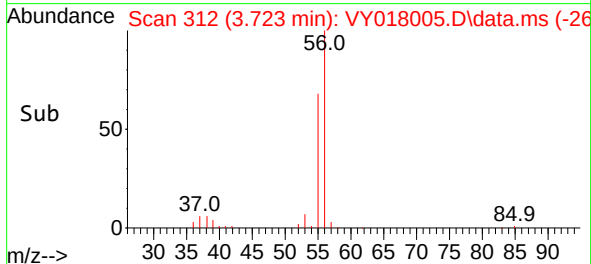
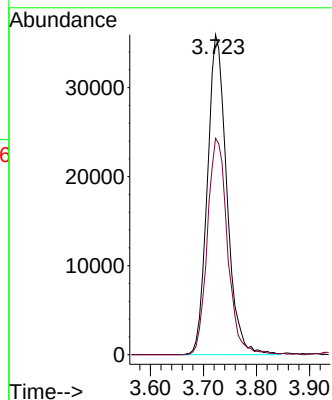
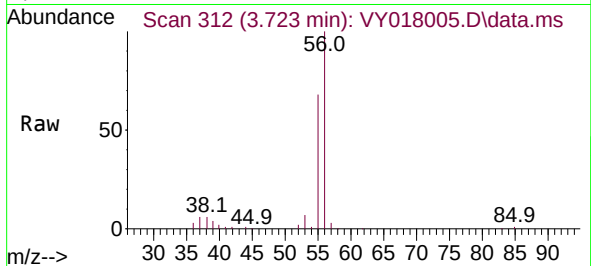
VSTDCCC050EC

Tgt Ion: 56 Resp: 91320

Ion Ratio Lower Upper

56 100

55 70.3 55.7 83.5



#14

Allyl chloride

Concen: 53.11 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

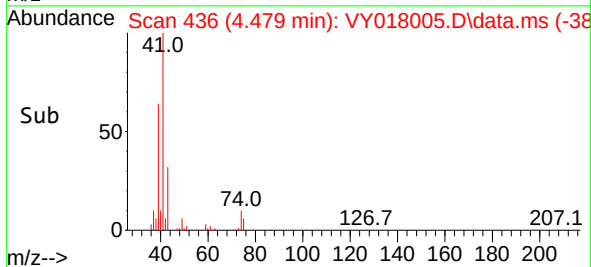
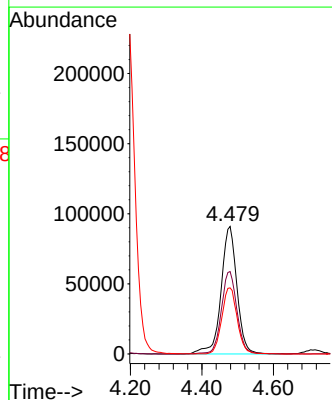
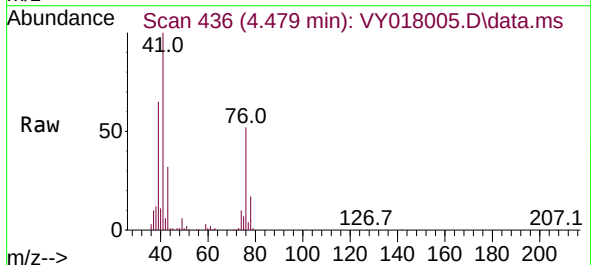
Tgt Ion: 41 Resp: 280711

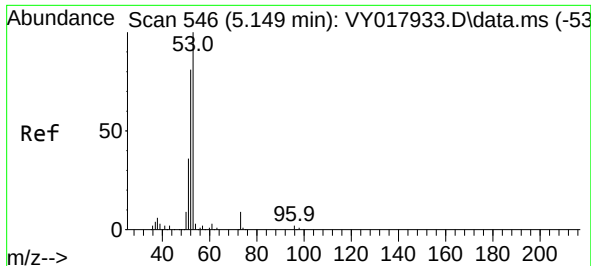
Ion Ratio Lower Upper

41 100

39 63.2 58.3 87.5

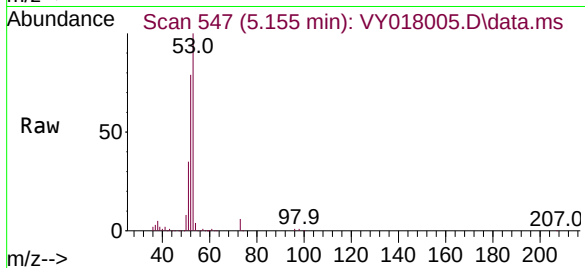
76 50.4 39.0 58.6



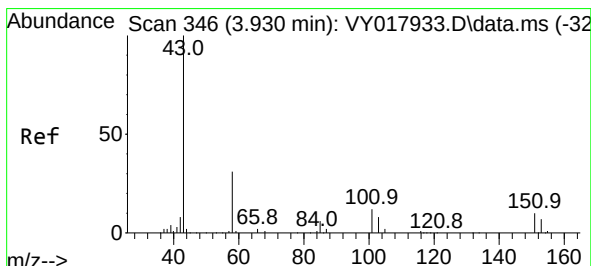
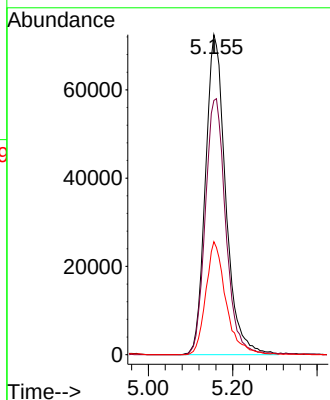
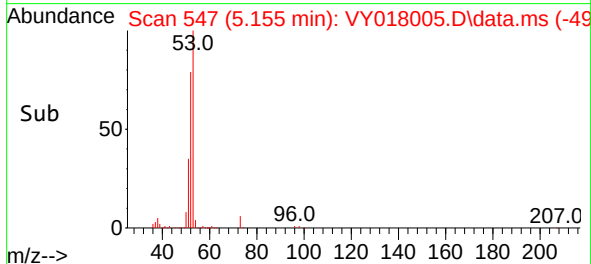


#15
Acrylonitrile
Concen: 279.11 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

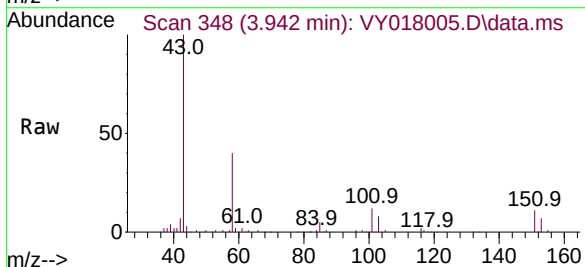
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



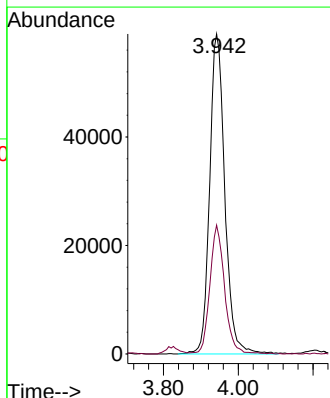
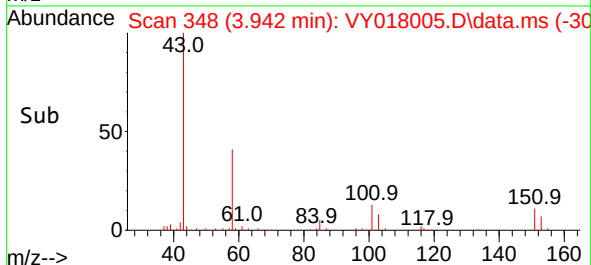
Tgt Ion: 53 Resp: 241914
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 35.3 28.4 42.6

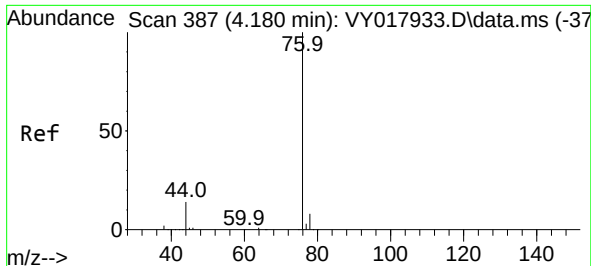


#16
Acetone
Concen: 240.01 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45



Tgt Ion: 43 Resp: 166030
Ion Ratio Lower Upper
43 100
58 40.2 31.7 47.5

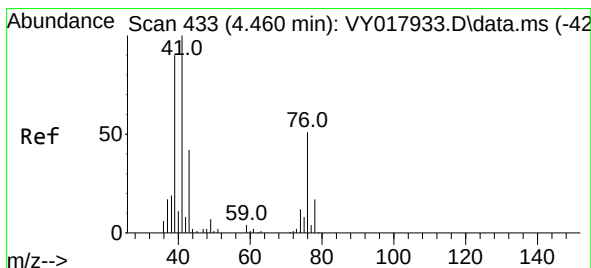
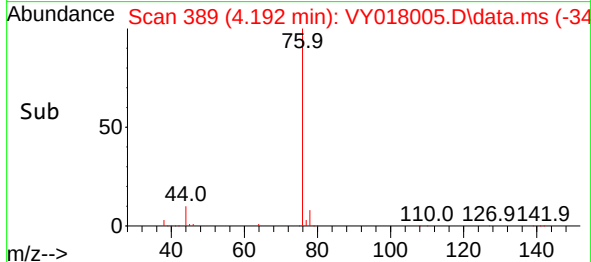
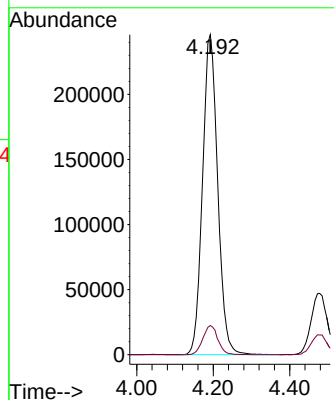
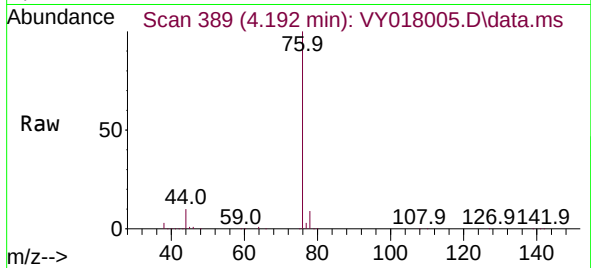




#17
Carbon Disulfide
Concen: 52.01 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

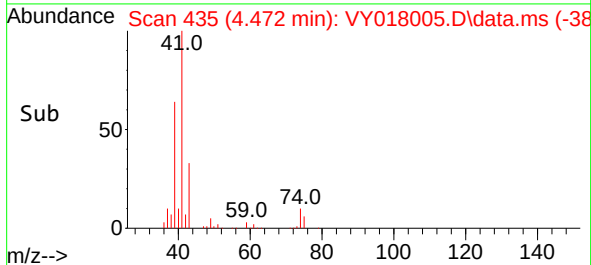
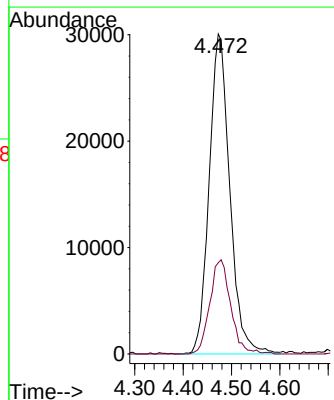
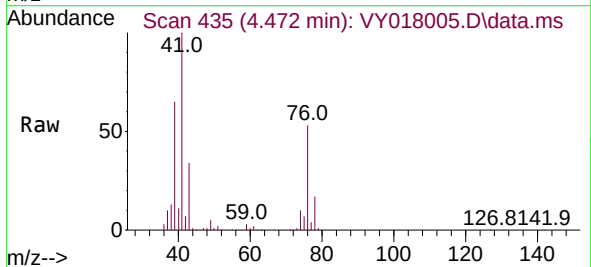
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

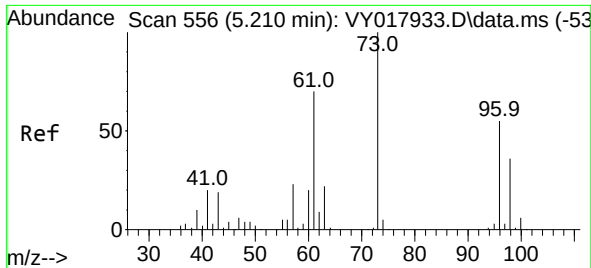
Tgt Ion: 76 Resp: 675713
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 48.99 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 43 Resp: 89156
Ion Ratio Lower Upper
43 100
74 29.6 23.3 34.9

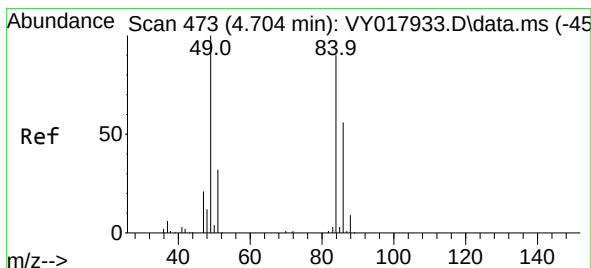
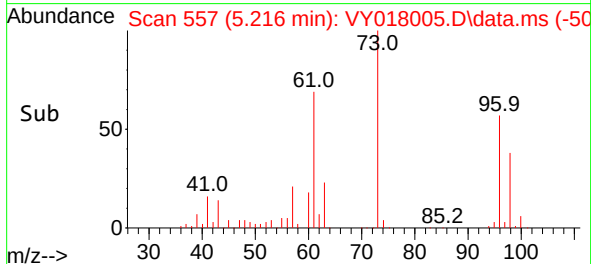
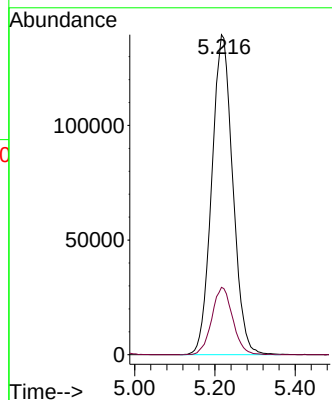
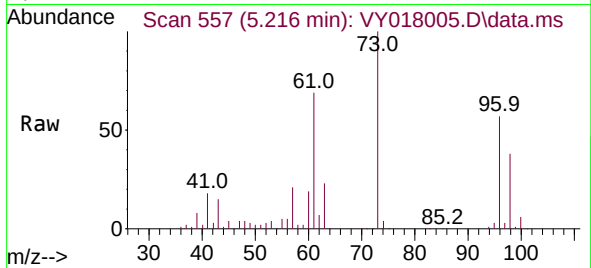




#19
Methyl tert-butyl Ether
Concen: 57.03 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

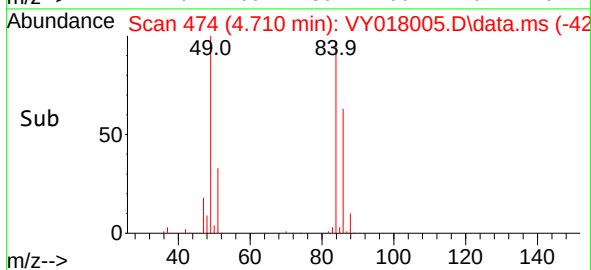
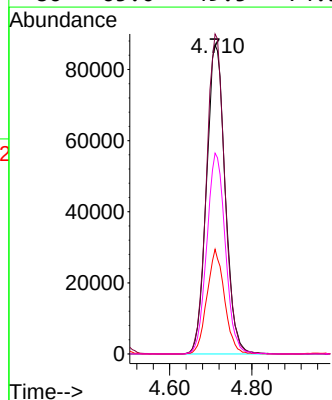
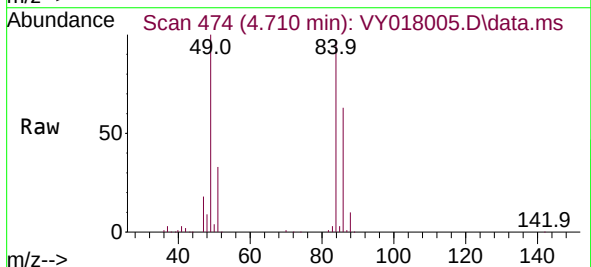
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

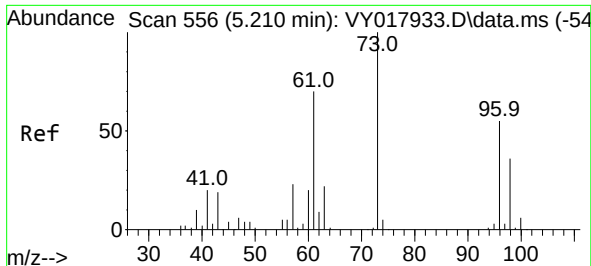
Tgt Ion: 73 Resp: 507636
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 58.42 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 84 Resp: 273807
Ion Ratio Lower Upper
84 100
49 103.5 84.4 126.6
51 33.8 26.0 39.0
86 65.0 49.5 74.3

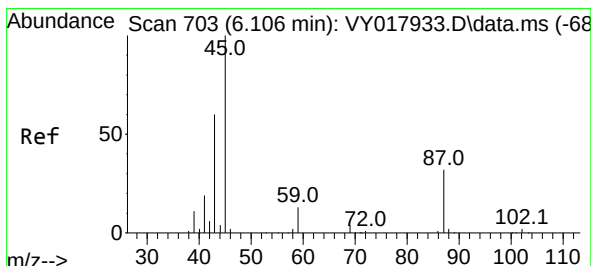
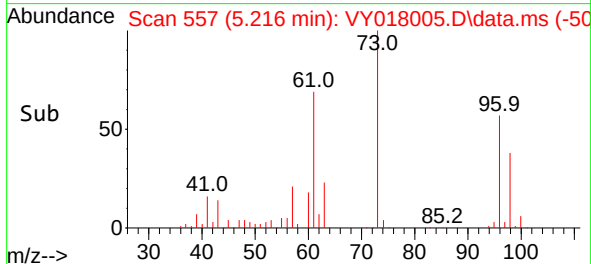
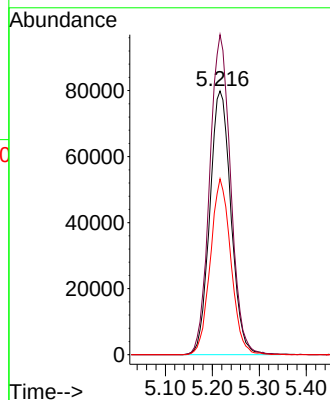
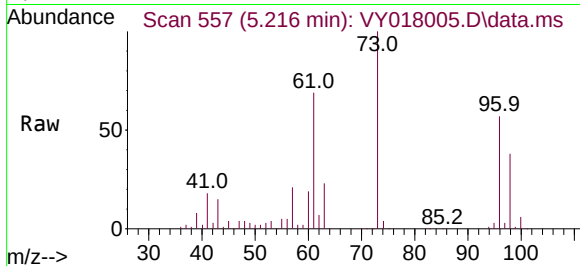




#21
trans-1,2-Dichloroethene
Concen: 55.90 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

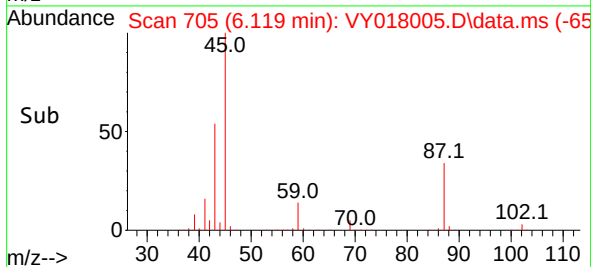
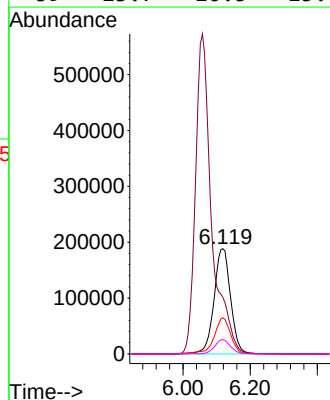
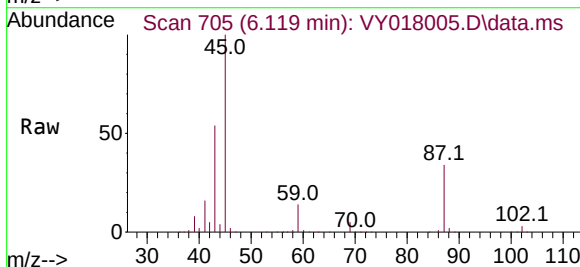
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

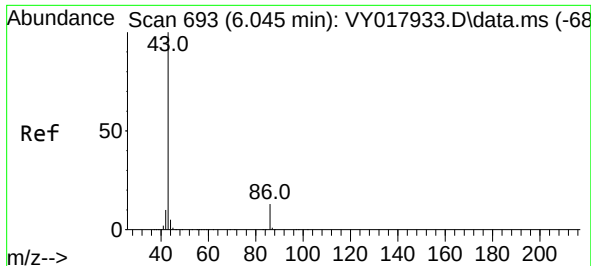
Tgt Ion: 96 Resp: 250105
Ion Ratio Lower Upper
96 100
61 121.4 97.5 146.3
98 66.7 50.5 75.7



#22
Diisopropyl ether
Concen: 55.60 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 45 Resp: 644153
Ion Ratio Lower Upper
45 100
43 53.3 42.2 63.2
87 34.3 25.0 37.6
59 13.7 10.5 15.7

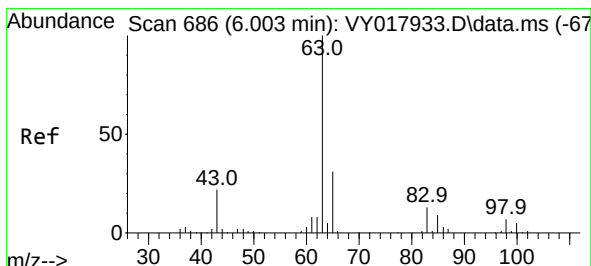
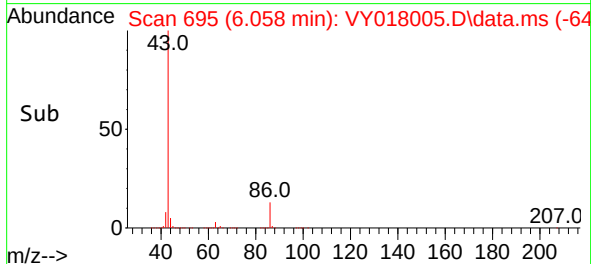
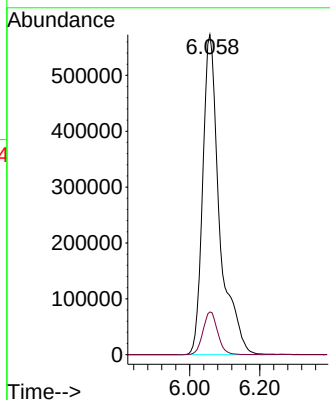
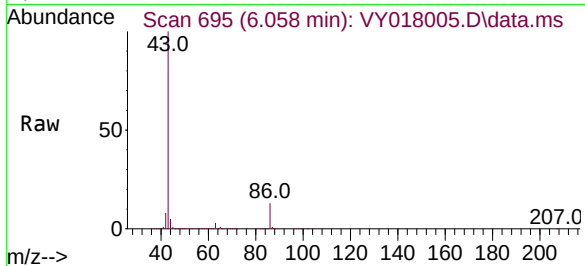




#23
 Vinyl Acetate
 Concen: 279.36 ug/l
 RT: 6.058 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY018005.D
 Acq: 19 Apr 2024 17:45

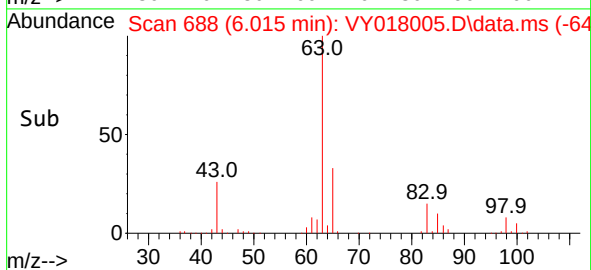
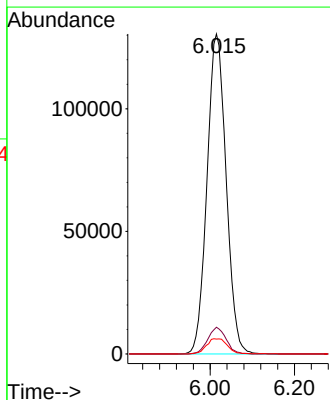
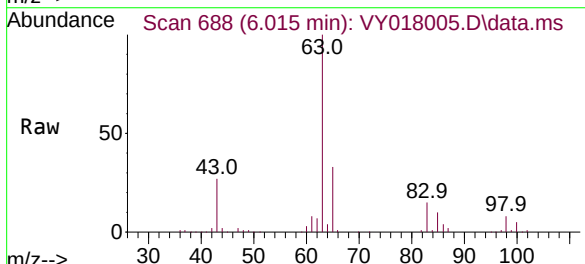
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

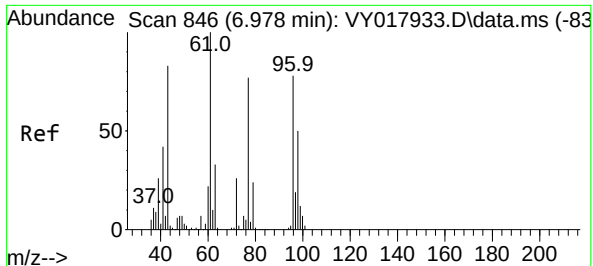
Tgt Ion: 43 Resp: 1919408
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 54.35 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY018005.D
 Acq: 19 Apr 2024 17:45

Tgt Ion: 63 Resp: 411121
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 4.7 2.6 8.0

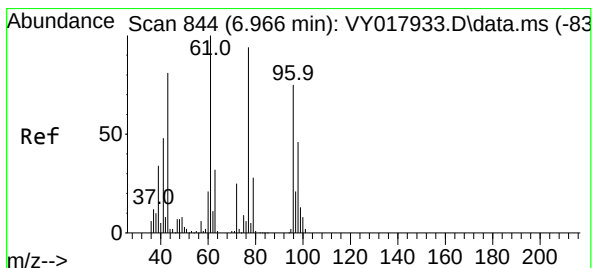
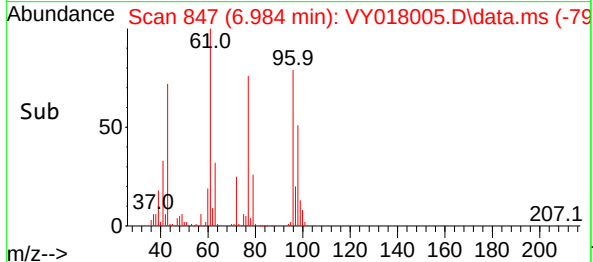
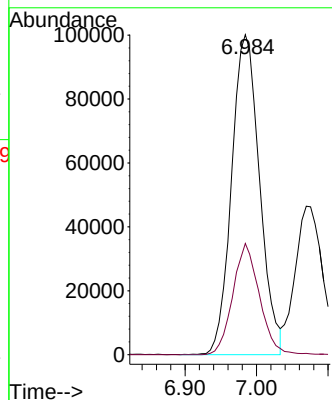
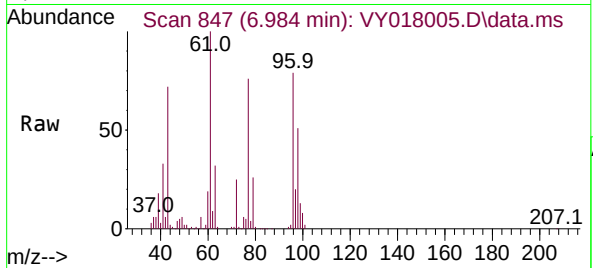




#25
2-Butanone
Concen: 267.80 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

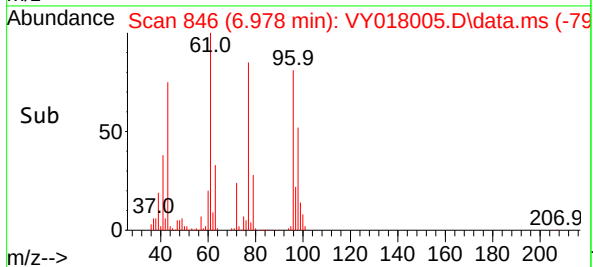
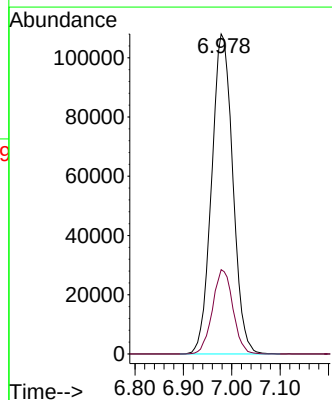
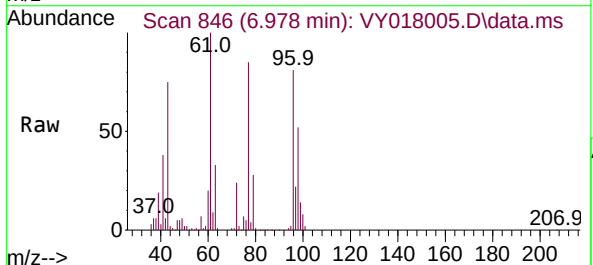
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

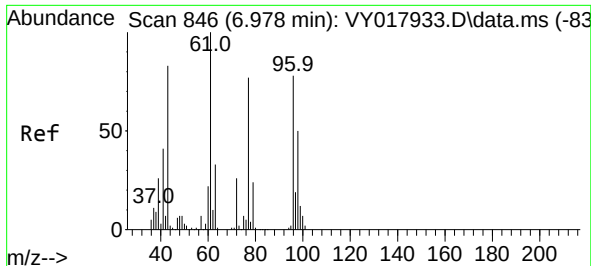
Tgt Ion: 43 Resp: 272306
Ion Ratio Lower Upper
43 100
72 34.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 54.07 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 77 Resp: 328173
Ion Ratio Lower Upper
77 100
97 25.4 12.0 36.1

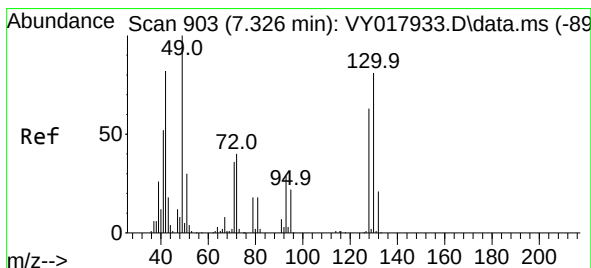
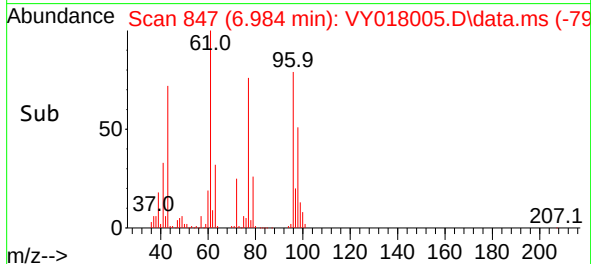
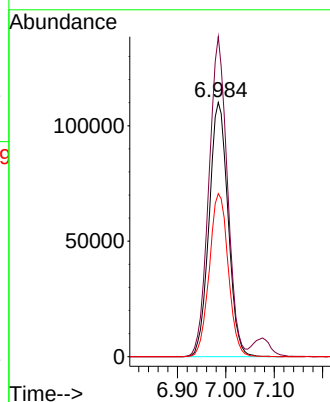
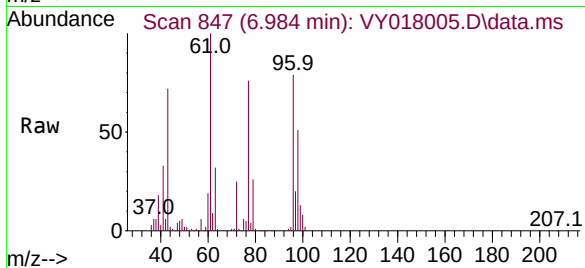




#27
 cis-1,2-Dichloroethene
 Concen: 58.48 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018005.D
 Acq: 19 Apr 2024 17:45

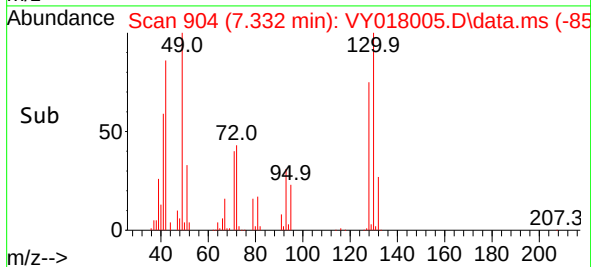
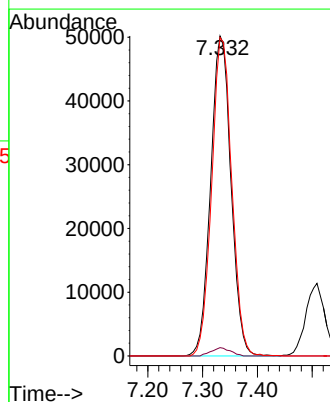
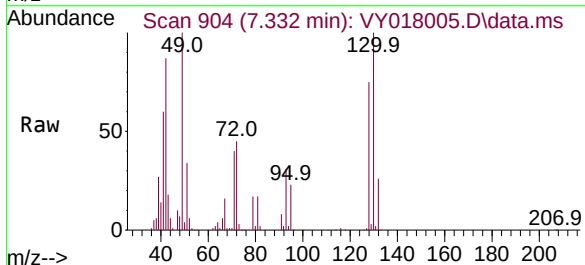
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

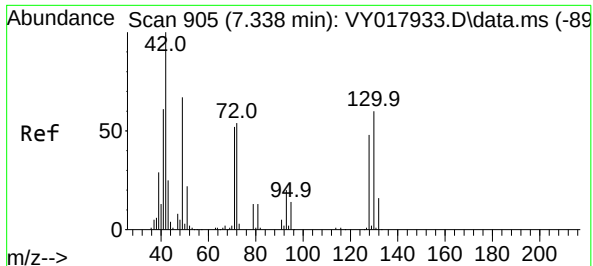
Tgt Ion: 96 Resp: 298822
 Ion Ratio Lower Upper
 96 100
 61 123.3 0.0 256.2
 98 64.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 43.47 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY018005.D
 Acq: 19 Apr 2024 17:45

Tgt Ion: 49 Resp: 129341
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 98.1 72.7 109.1

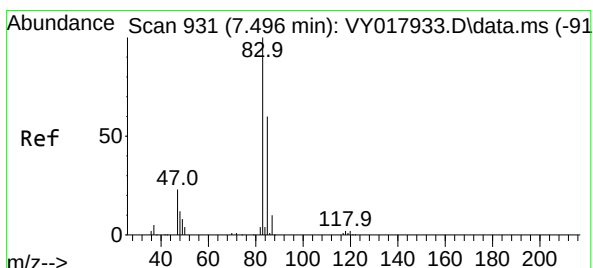
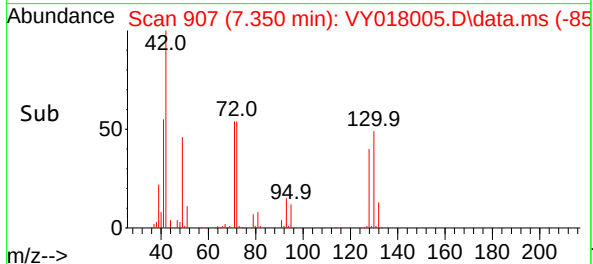
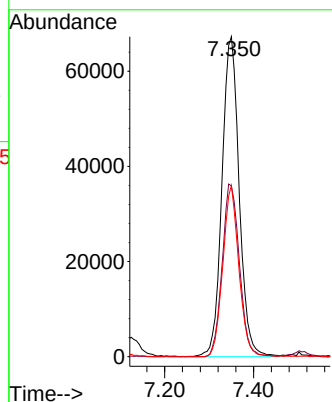
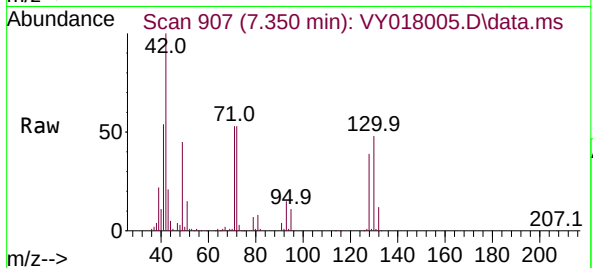




#29
Tetrahydrofuran
Concen: 279.77 ug/l
RT: 7.350 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

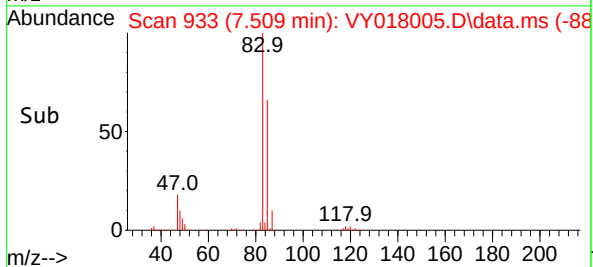
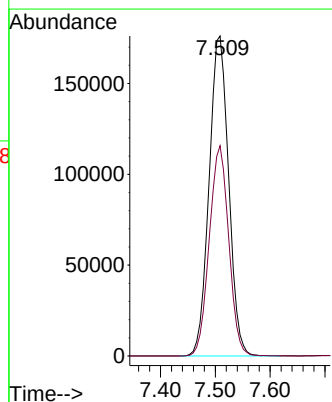
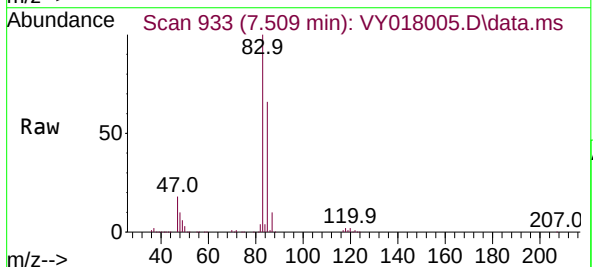
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

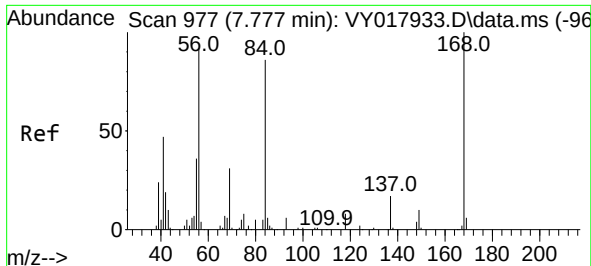
Tgt Ion: 42 Resp: 180525
Ion Ratio Lower Upper
42 100
72 53.9 43.0 64.4
71 49.8 40.8 61.2



#30
Chloroform
Concen: 56.31 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 83 Resp: 435381
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.4

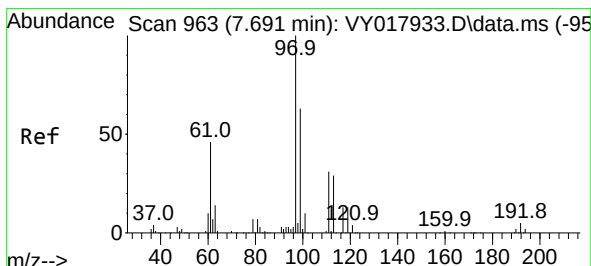
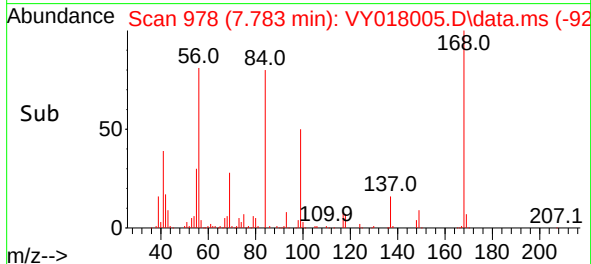
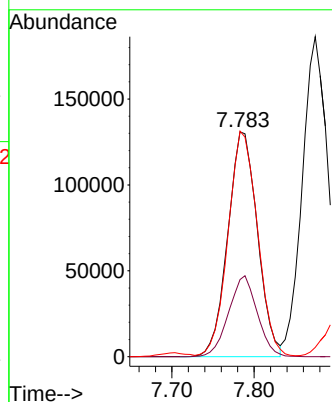
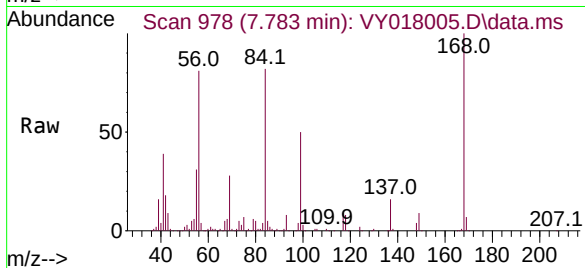




#31
Cyclohexane
Concen: 49.11 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

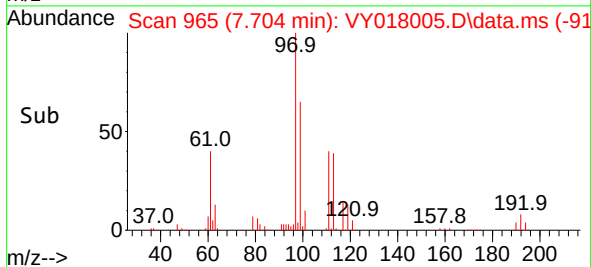
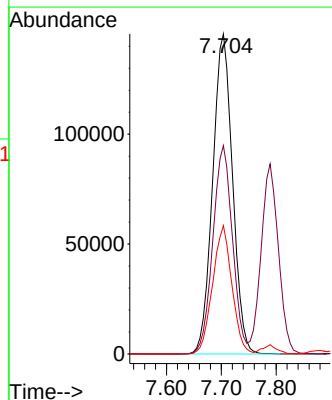
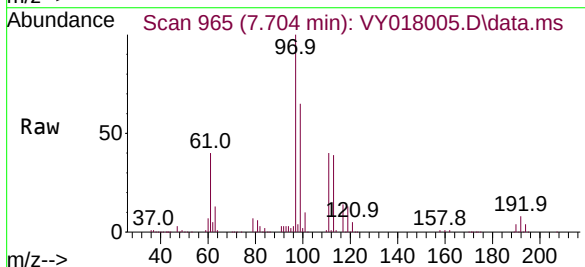
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

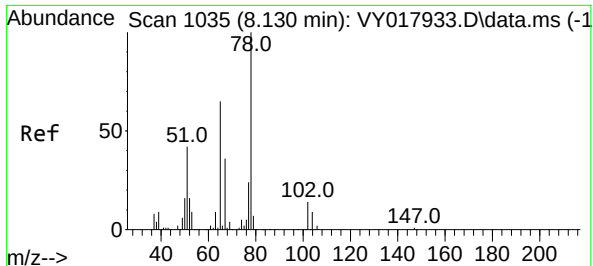
Tgt Ion: 56 Resp: 328649
Ion Ratio Lower Upper
56 100
69 34.3 28.7 43.1
84 99.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.86 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 97 Resp: 366155
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 39.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.12 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

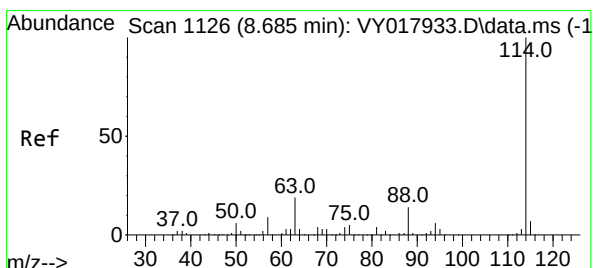
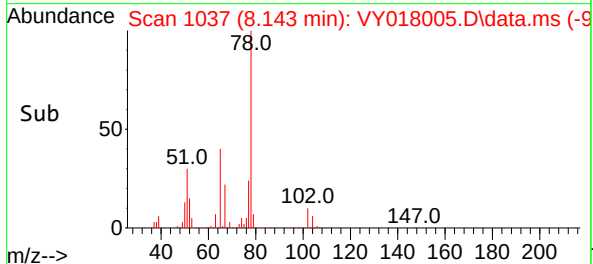
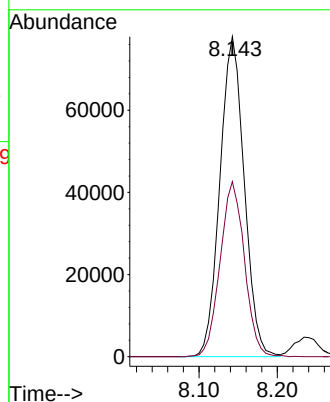
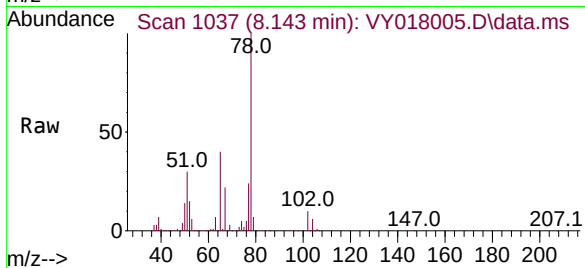
VSTDCCC050EC

Tgt Ion: 65 Resp: 168471

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

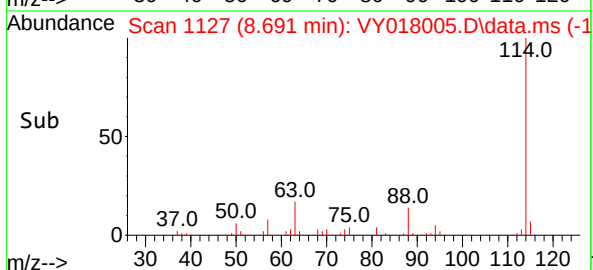
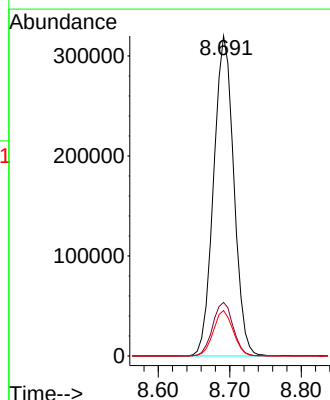
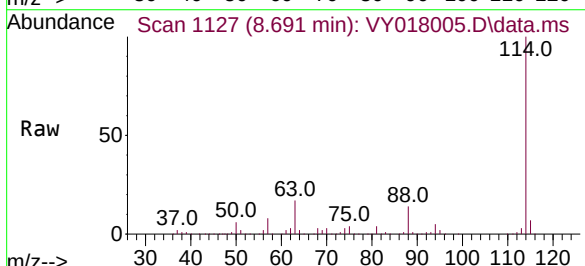
Tgt Ion: 114 Resp: 627000

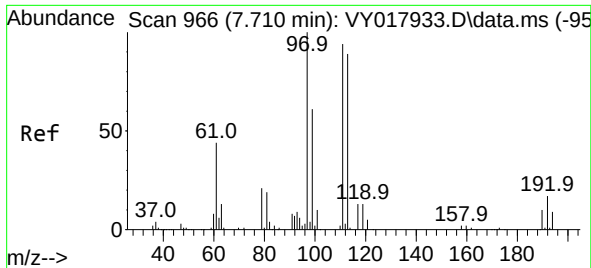
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.2 0.0 27.2

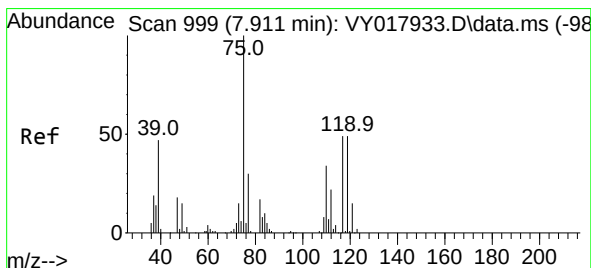
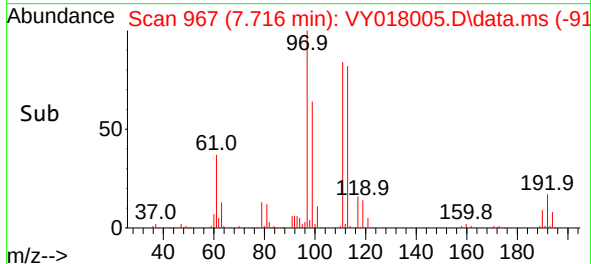
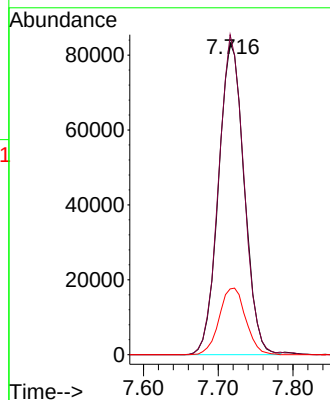
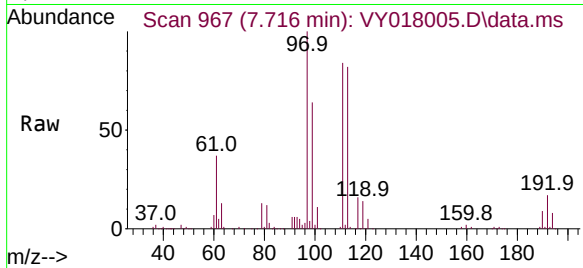




#35
Dibromofluoromethane
Concen: 51.37 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

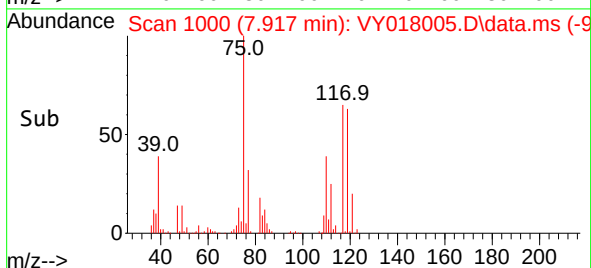
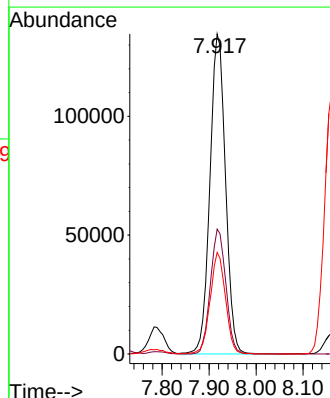
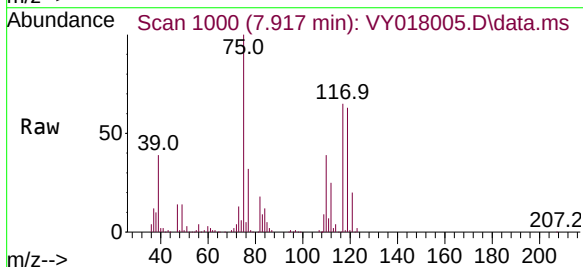
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

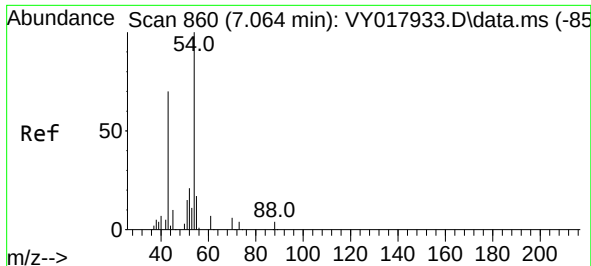
Tgt Ion:113 Resp: 198724
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 22.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 55.04 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 75 Resp: 309622
Ion Ratio Lower Upper
75 100
110 38.6 19.0 57.0
77 31.1 25.3 37.9

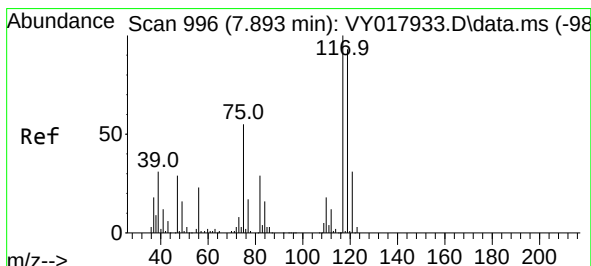
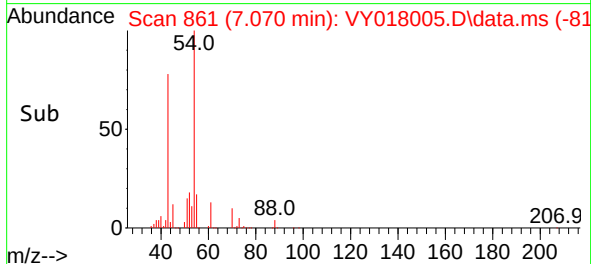
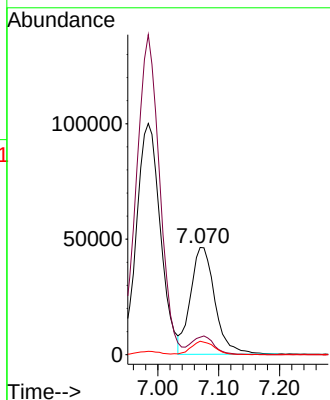
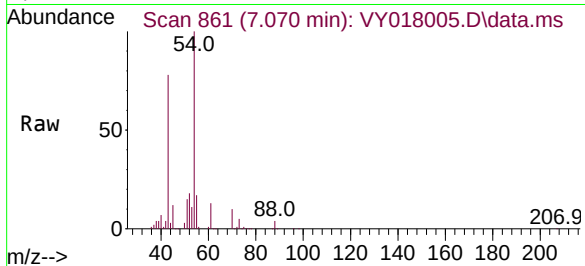




#37
Ethyl Acetate
Concen: 55.70 ug/l
RT: 7.070 min Scan# 860
Delta R.T. -0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

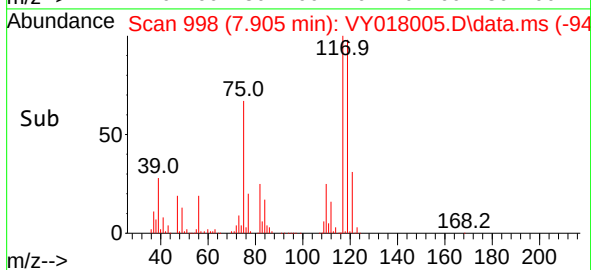
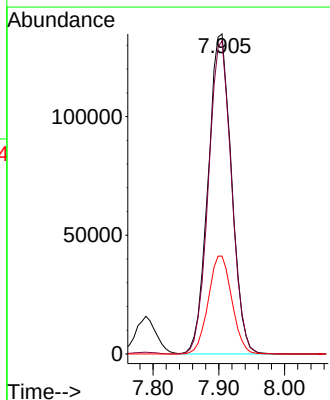
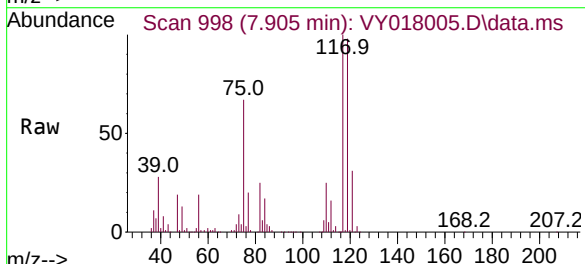
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

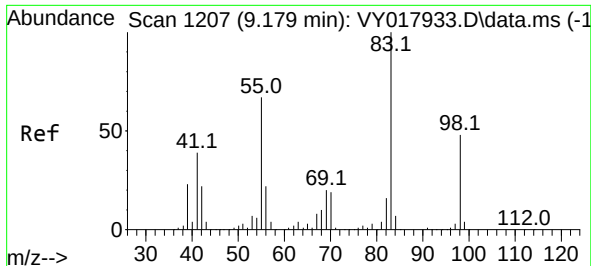
Tgt Ion: 43 Resp: 128926
Ion Ratio Lower Upper
43 100
61 16.0 12.6 19.0
70 12.1 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 58.75 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 117 Resp: 333912
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.6
121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 54.42 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

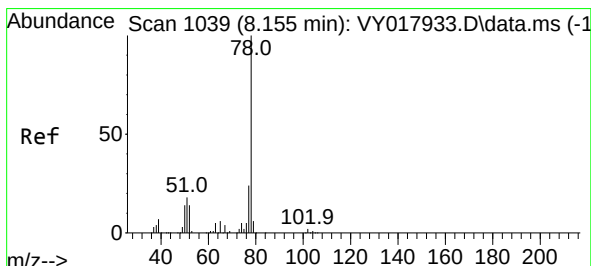
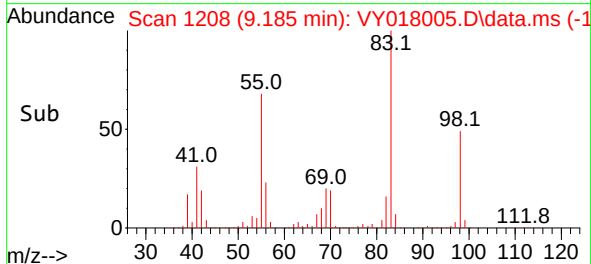
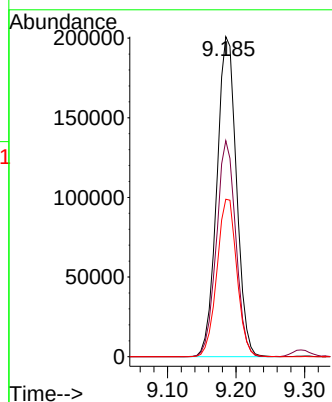
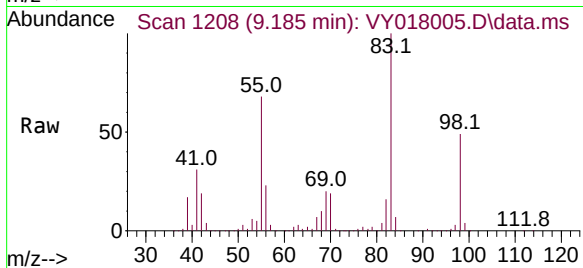
Tgt Ion: 83 Resp: 398962

Ion Ratio Lower Upper

83 100

55 67.5 51.5 77.3

98 49.2 40.5 60.7



#40

Benzene

Concen: 57.65 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY018005.D

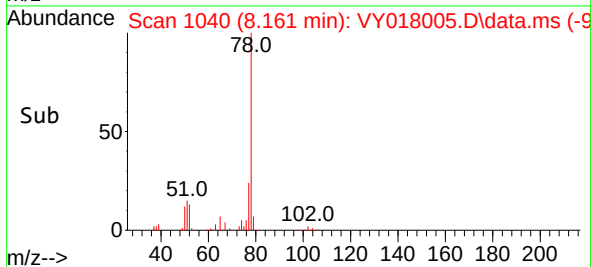
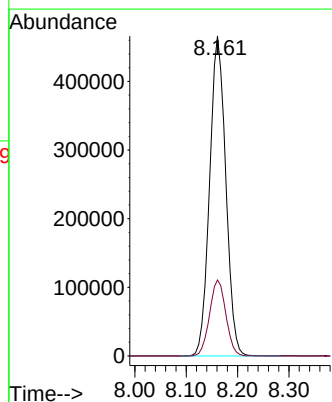
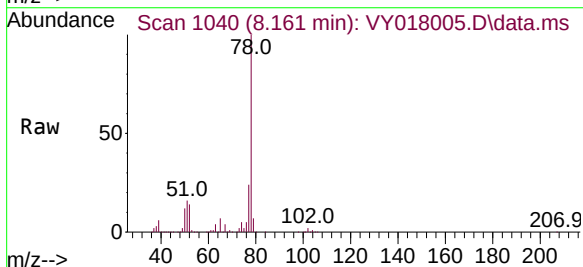
Acq: 19 Apr 2024 17:45

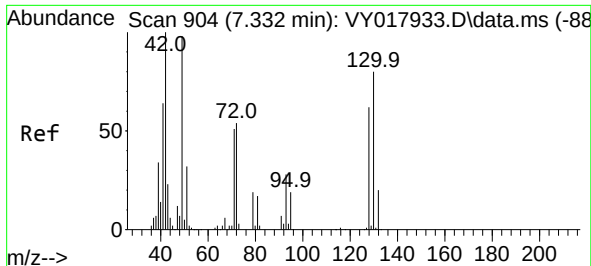
Tgt Ion: 78 Resp: 1015860

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

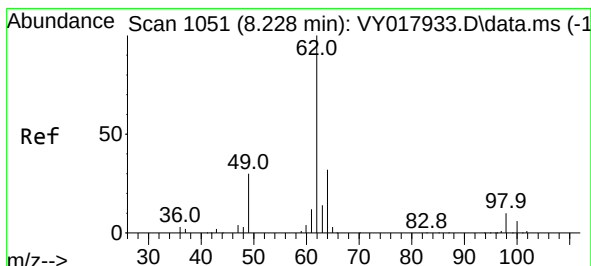
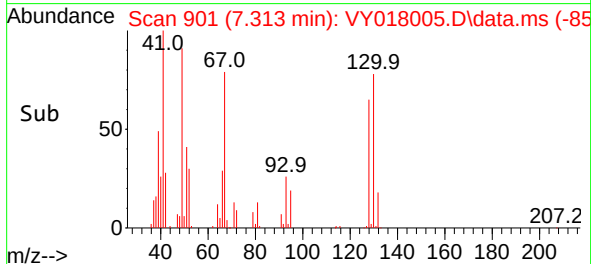
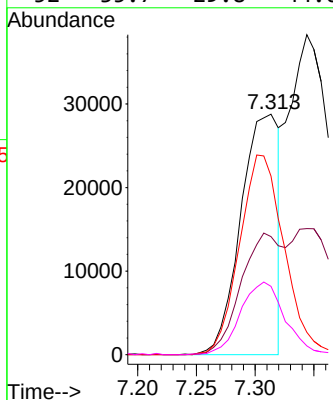
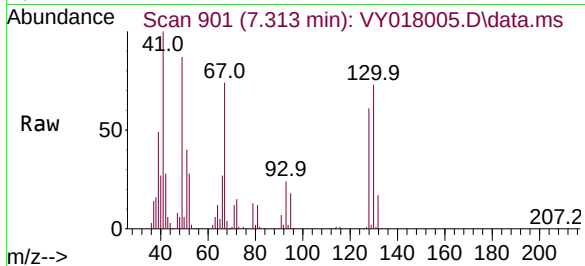




#41
Methacrylonitrile
Concen: 44.53 ug/l
RT: 7.313 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

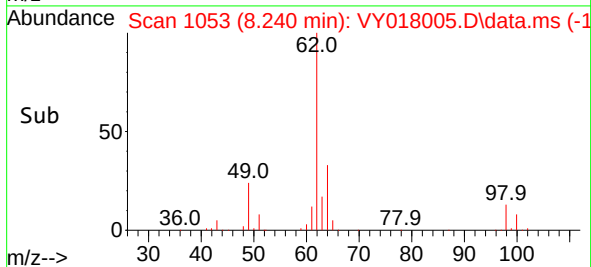
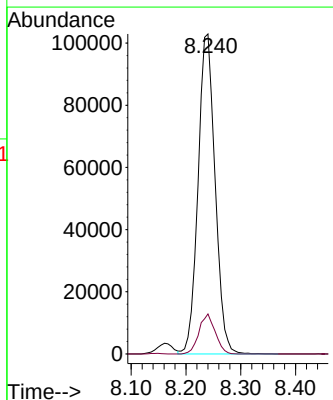
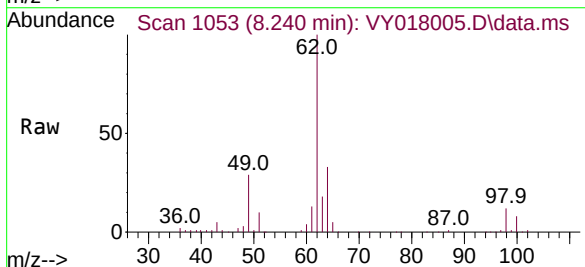
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

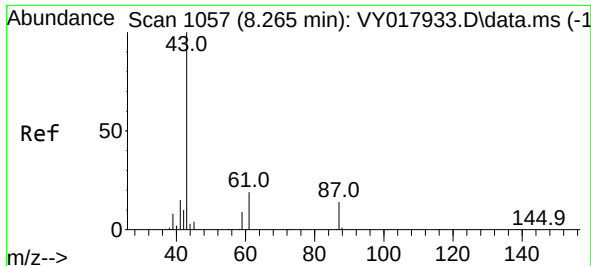
Tgt Ion: 41 Resp: 65026
Ion Ratio Lower Upper
41 100
39 56.8 48.0 72.0
67 98.1 75.1 112.7
52 35.7 29.8 44.6



#42
1,2-Dichloroethane
Concen: 55.12 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 62 Resp: 222547
Ion Ratio Lower Upper
62 100
98 11.9 0.0 22.0

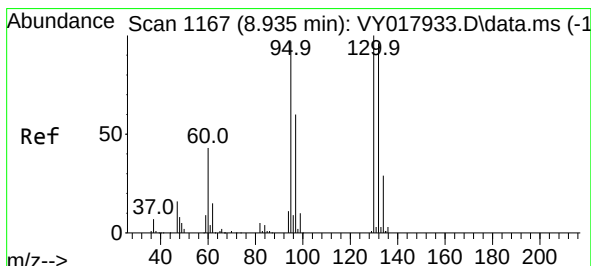
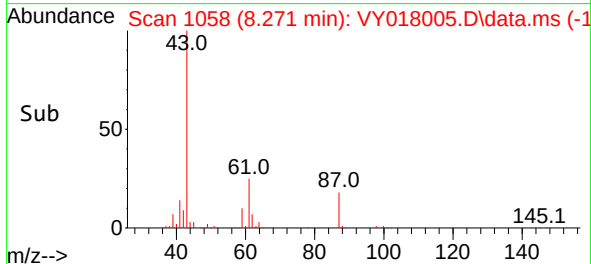
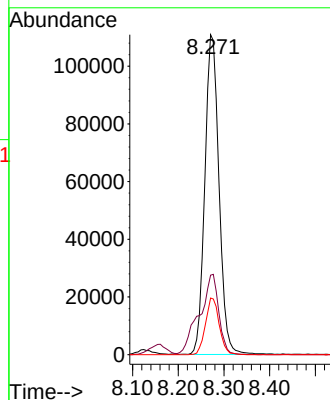
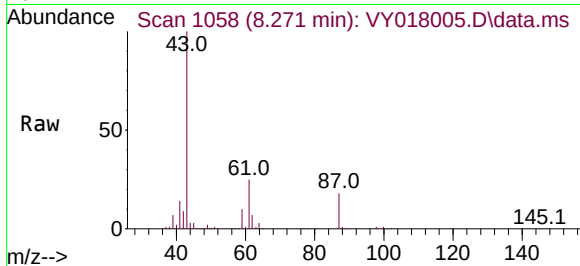




#43
Isopropyl Acetate
Concen: 55.15 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

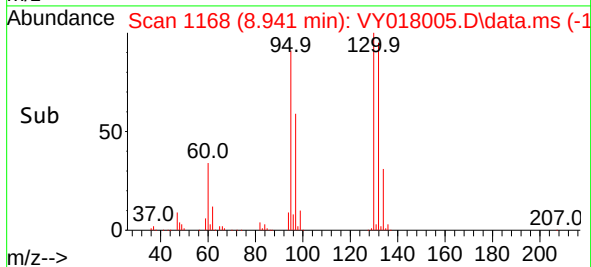
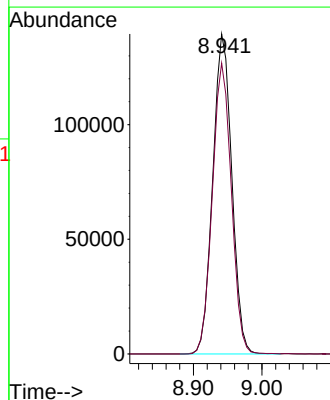
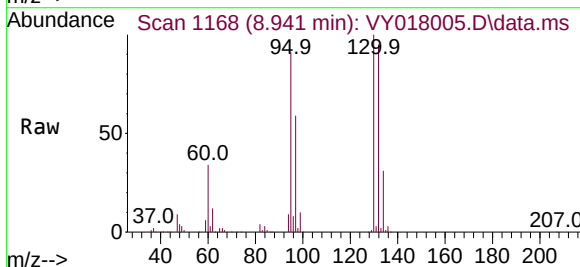
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

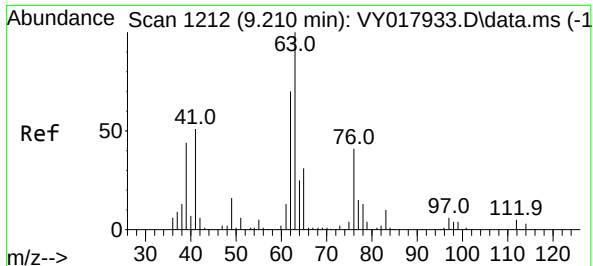
Tgt Ion: 43 Resp: 237956
Ion Ratio Lower Upper
43 100
61 34.6 27.9 41.9
87 17.2 13.1 19.7



#44
Trichloroethene
Concen: 60.13 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion:130 Resp: 269250
Ion Ratio Lower Upper
130 100
95 90.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 56.31 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

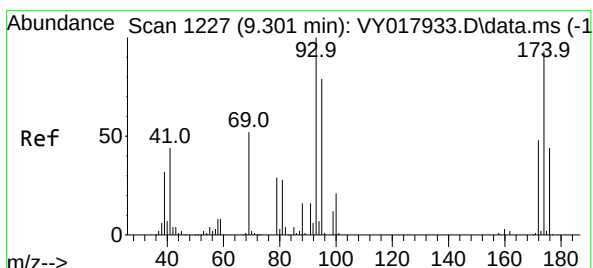
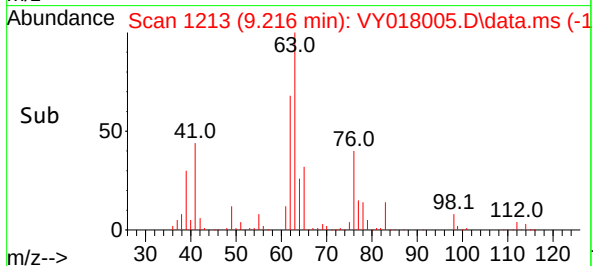
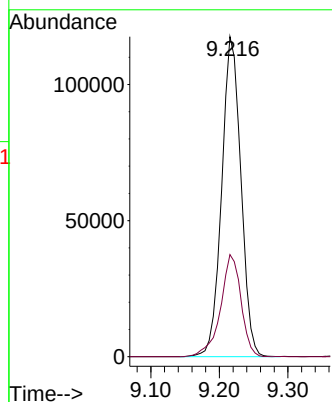
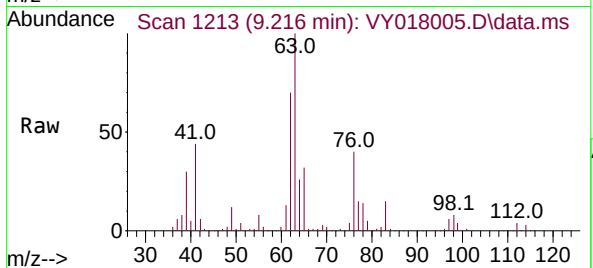
VSTDCCC050EC

Tgt Ion: 63 Resp: 228409

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 58.93 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

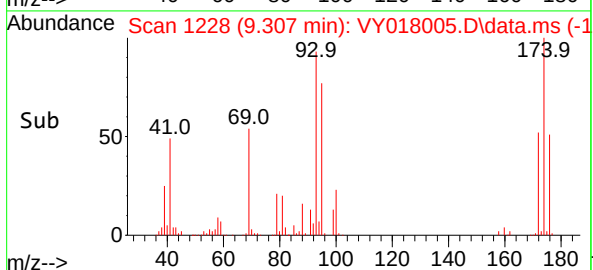
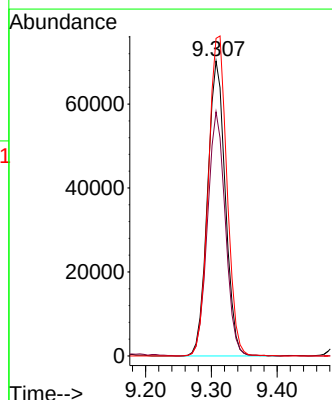
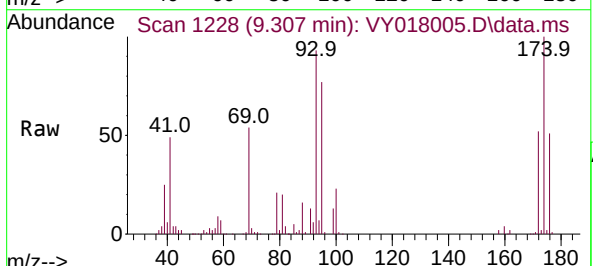
Tgt Ion: 93 Resp: 132227

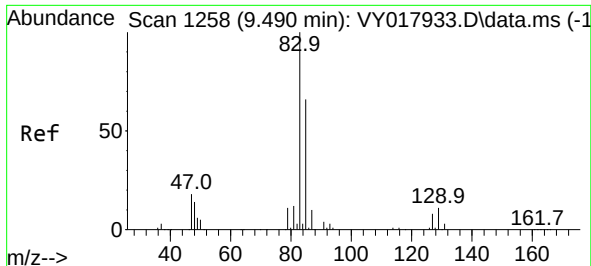
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 113.3 80.9 121.3

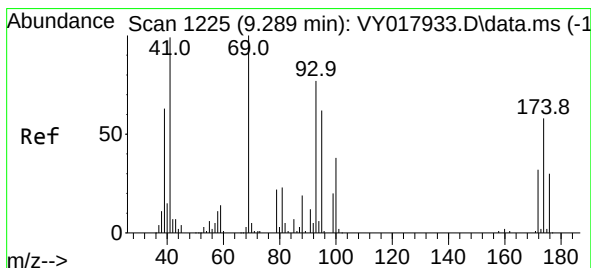
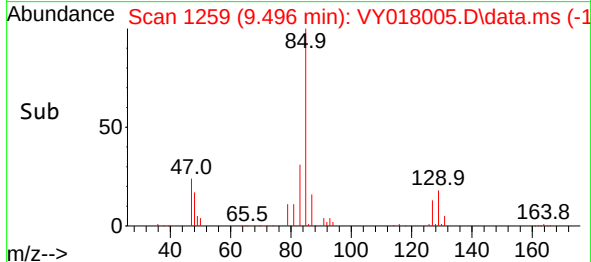
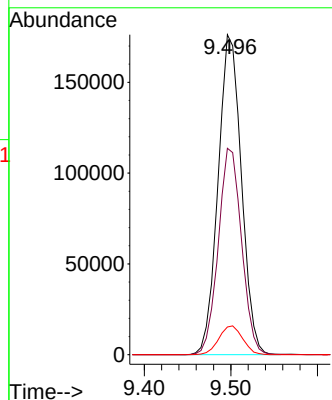
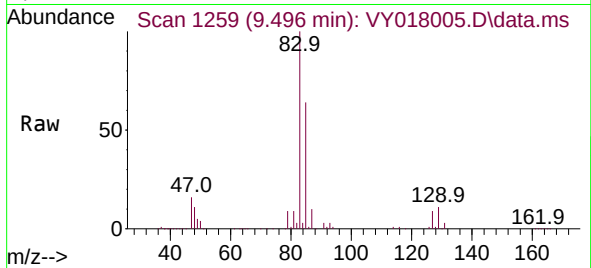




#47
Bromodichloromethane
Concen: 58.54 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

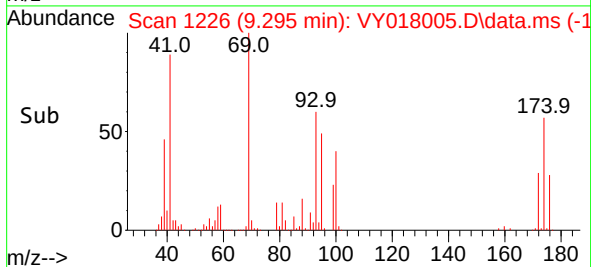
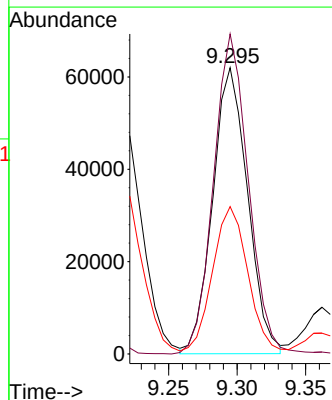
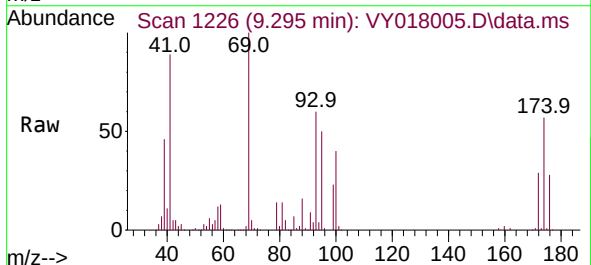
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

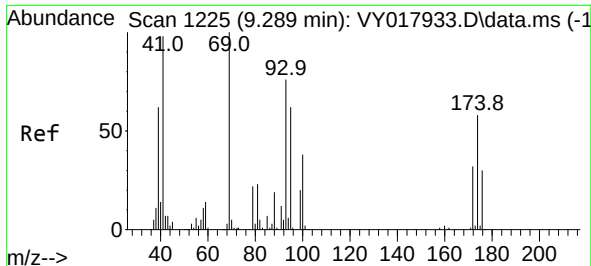
Tgt Ion: 83 Resp: 329529
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 55.65 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 41 Resp: 110009
Ion Ratio Lower Upper
41 100
69 111.2 84.1 126.1
39 50.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1160.87 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

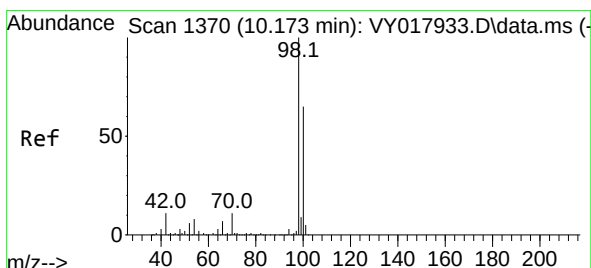
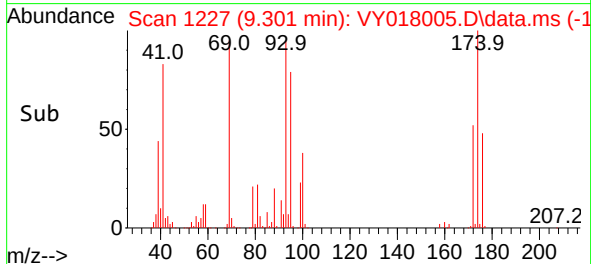
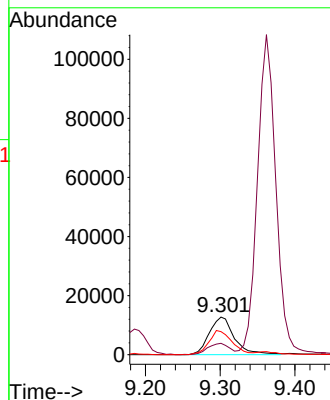
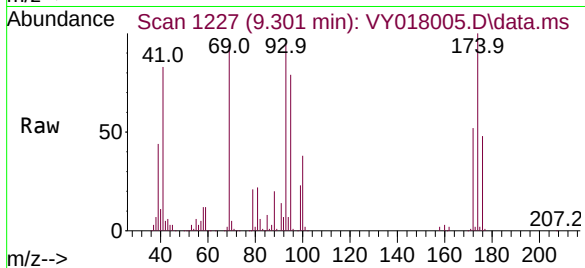
Tgt Ion: 88 Resp: 29734

Ion Ratio Lower Upper

88 100

43 26.1 0.0 0.0#

58 59.3 49.3 73.9



#50

Toluene-d8

Concen: 53.37 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY018005.D

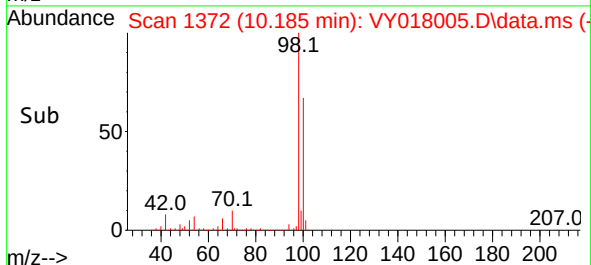
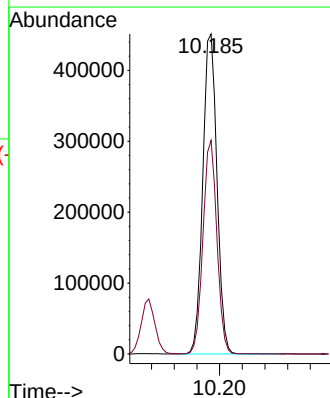
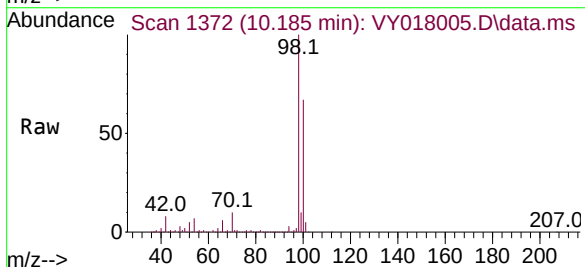
Acq: 19 Apr 2024 17:45

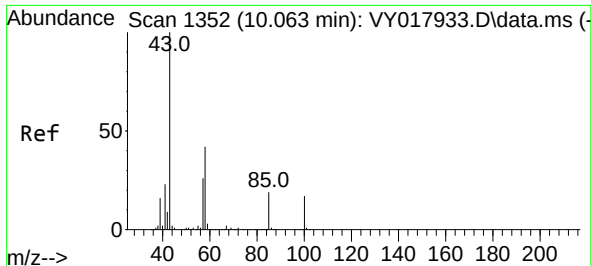
Tgt Ion: 98 Resp: 783304

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

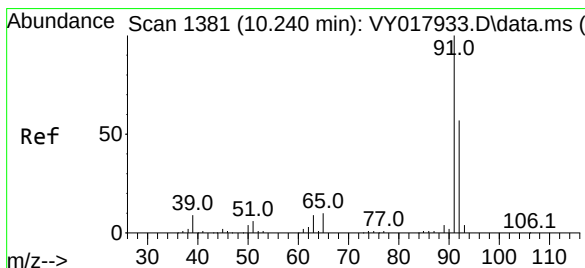
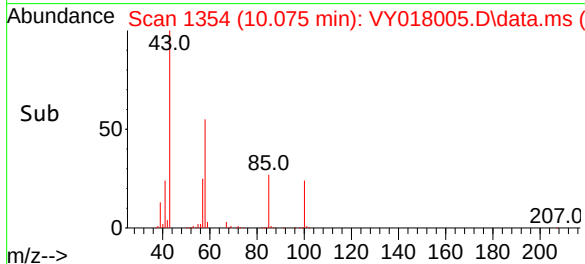
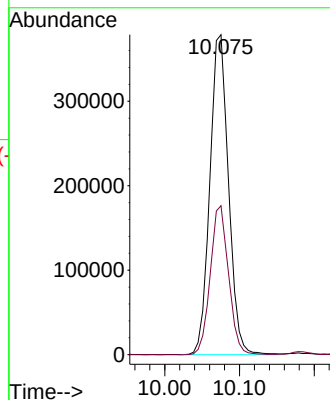
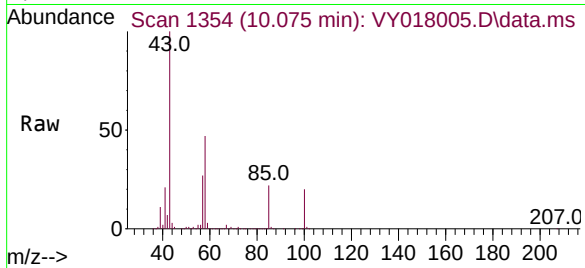




#51
4-Methyl-2-Pentanone
Concen: 286.81 ug/l
RT: 10.075 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

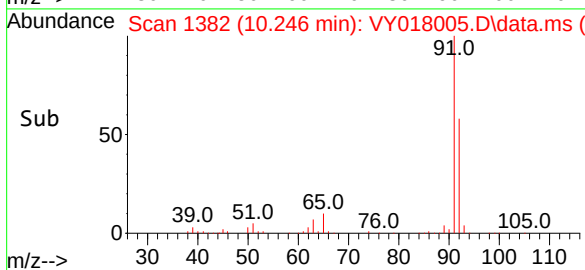
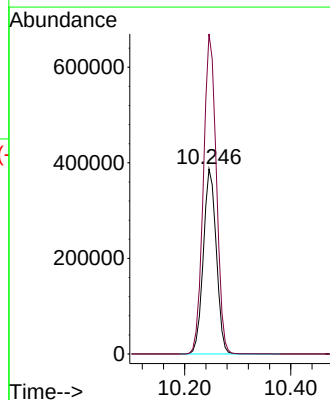
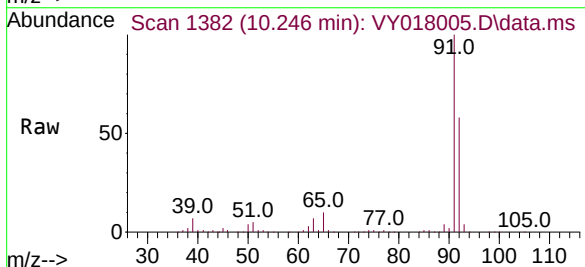
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

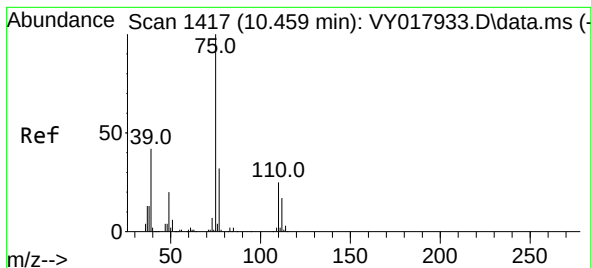
Tgt Ion: 43 Resp: 655975
Ion Ratio Lower Upper
43 100
58 45.7 35.7 53.5



#52
Toluene
Concen: 60.76 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 92 Resp: 656934
Ion Ratio Lower Upper
92 100
91 173.2 139.0 208.6

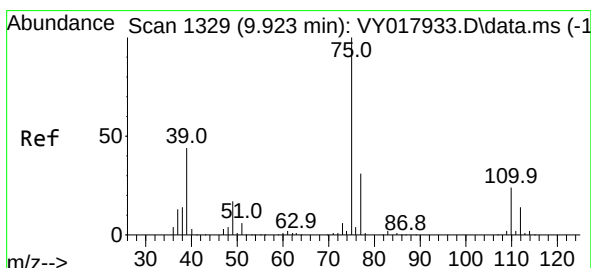
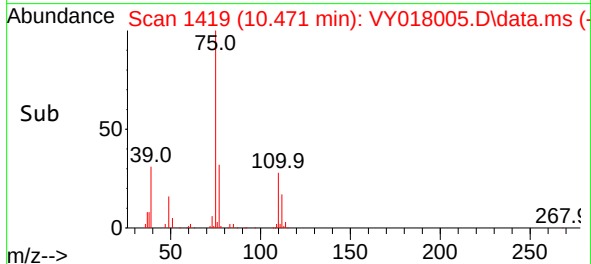
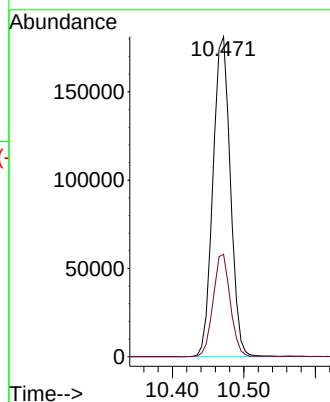
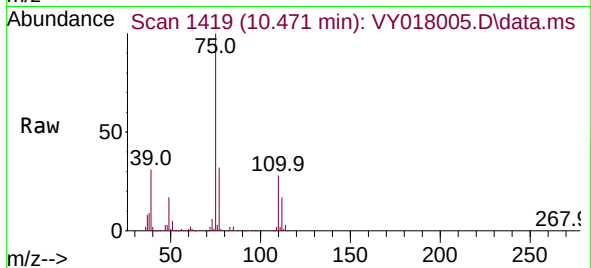




#53
 t-1,3-Dichloropropene
 Concen: 59.69 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY018005.D
 Acq: 19 Apr 2024 17:45

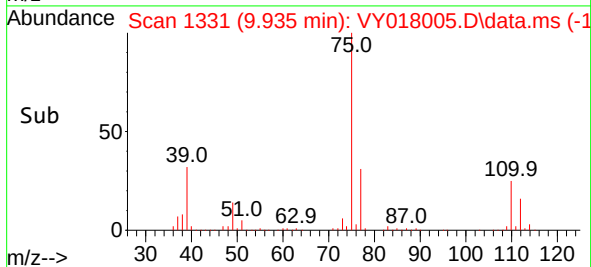
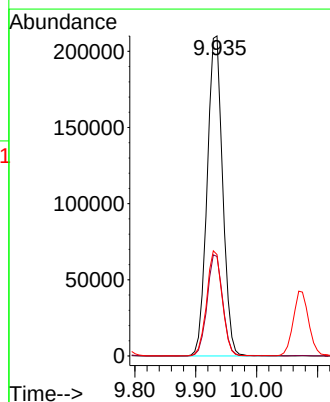
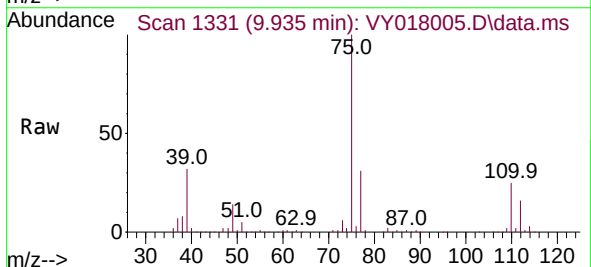
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

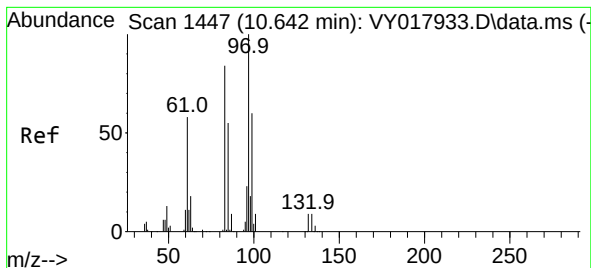
Tgt Ion: 75 Resp: 306751
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 58.82 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY018005.D
 Acq: 19 Apr 2024 17:45

Tgt Ion: 75 Resp: 371356
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 31.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 60.30 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 183924

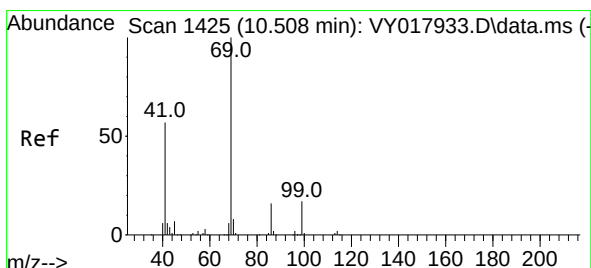
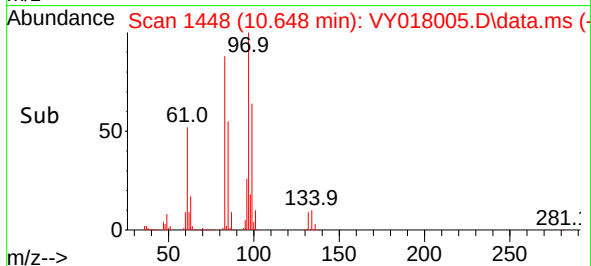
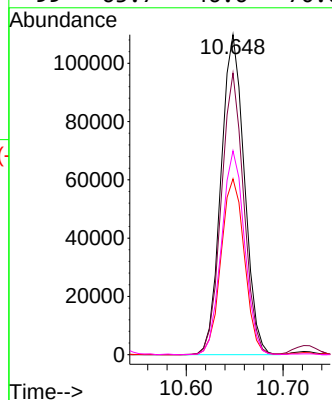
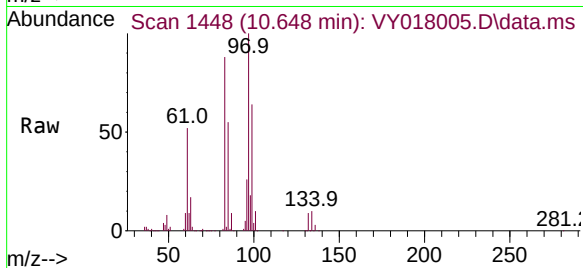
Ion Ratio Lower Upper

97 100

83 88.0 67.5 101.3

85 54.9 42.9 64.3

99 63.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 61.61 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

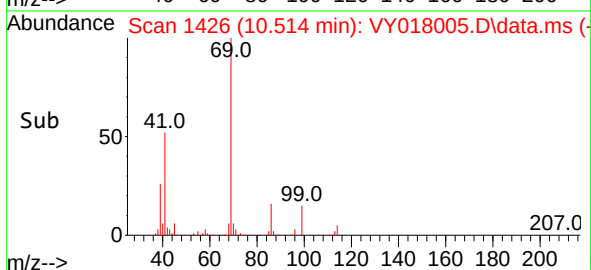
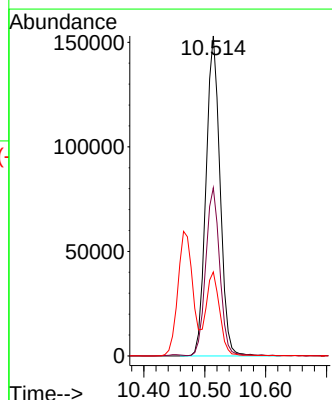
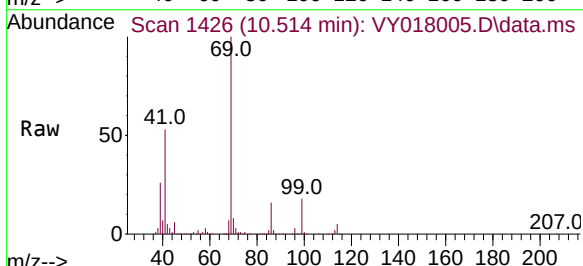
Tgt Ion: 69 Resp: 244985

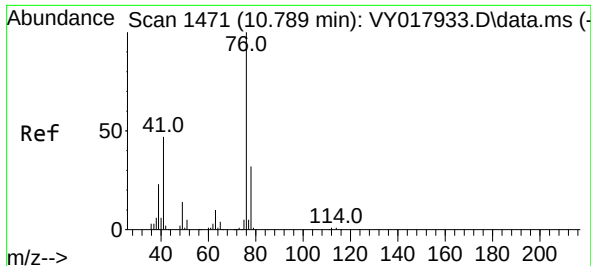
Ion Ratio Lower Upper

69 100

41 52.4 42.3 63.5

39 25.8 22.9 34.3





#57

1,3-Dichloropropane

Concen: 59.42 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

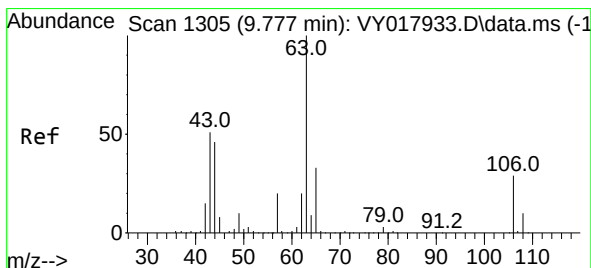
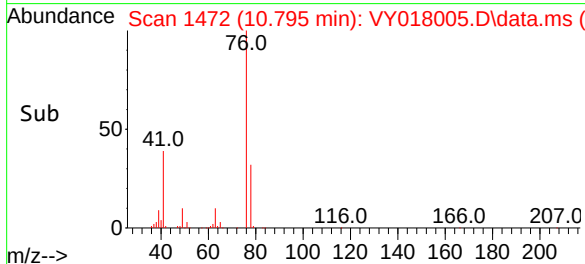
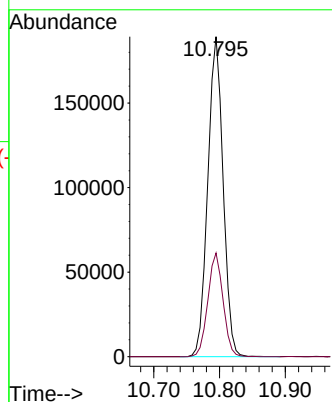
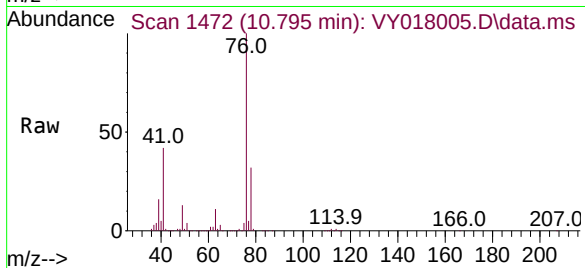
VSTDCCC050EC

Tgt Ion: 76 Resp: 306864

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 229.74 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018005.D

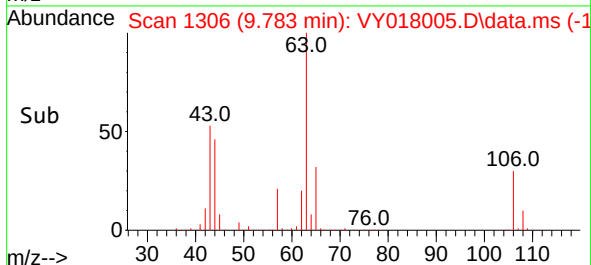
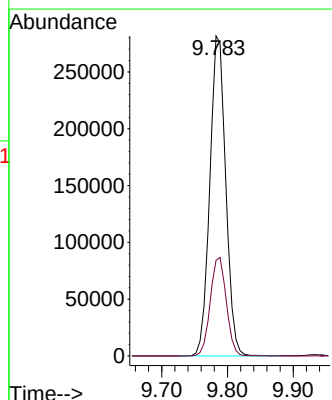
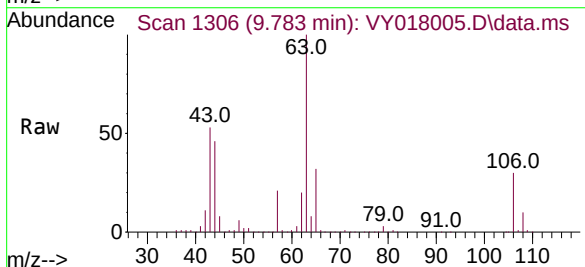
Acq: 19 Apr 2024 17:45

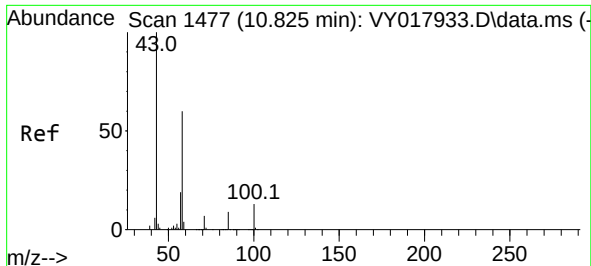
Tgt Ion: 63 Resp: 474827

Ion Ratio Lower Upper

63 100

106 31.0 23.7 35.5

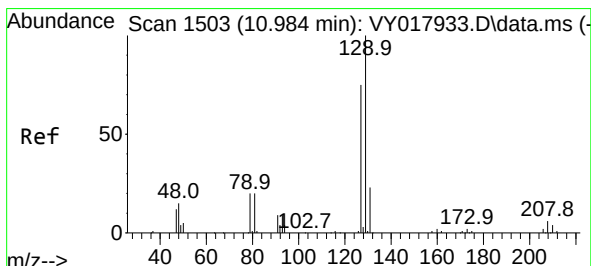
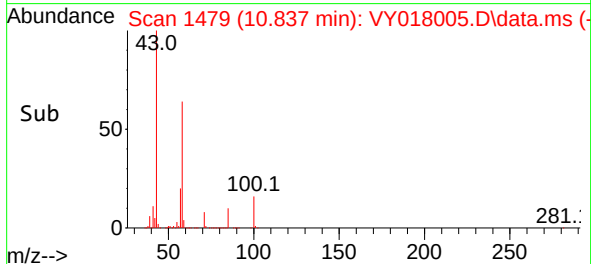
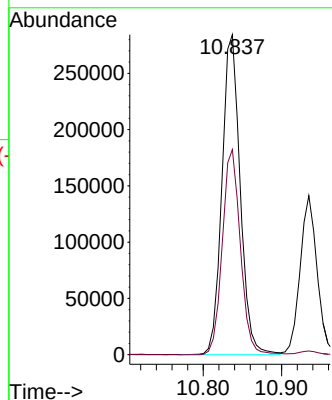
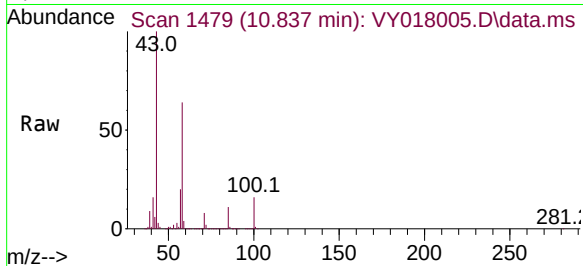




#59
2-Hexanone
Concen: 294.64 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

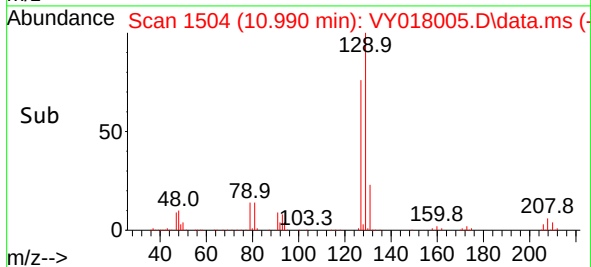
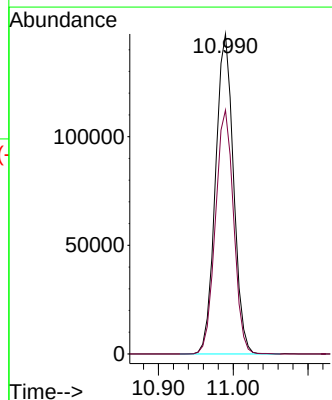
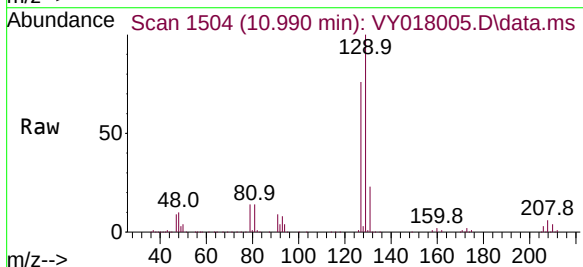
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

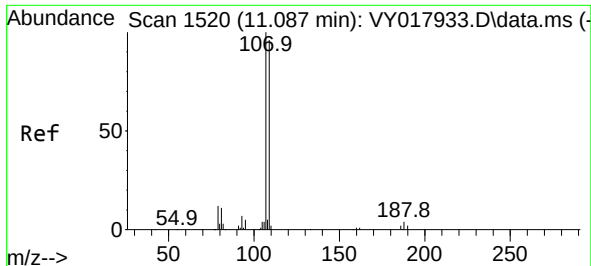
Tgt Ion: 43 Resp: 460014
Ion Ratio Lower Upper
43 100
58 63.6 31.4 94.0



#60
Dibromochloromethane
Concen: 62.82 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion:129 Resp: 246239
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

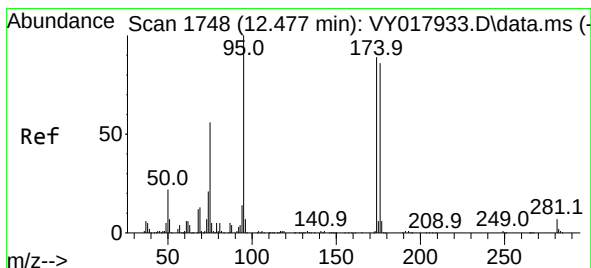
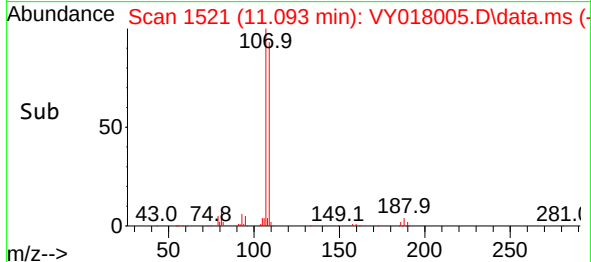
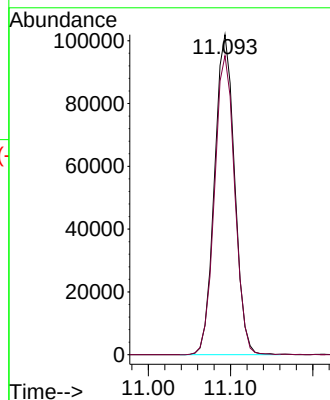
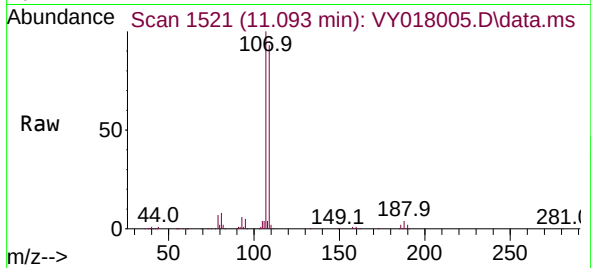




#61
1,2-Dibromoethane
Concen: 60.70 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

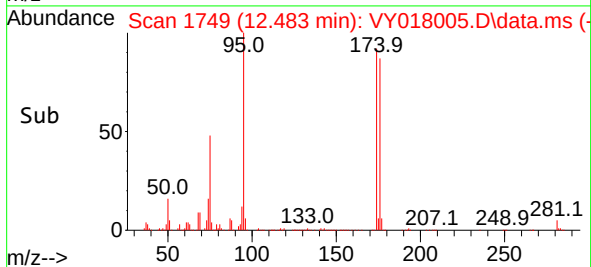
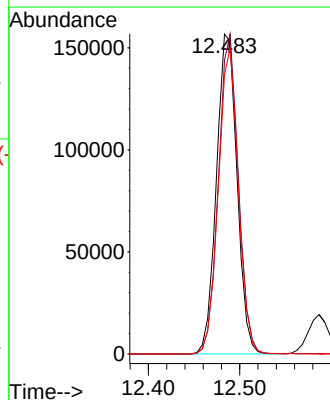
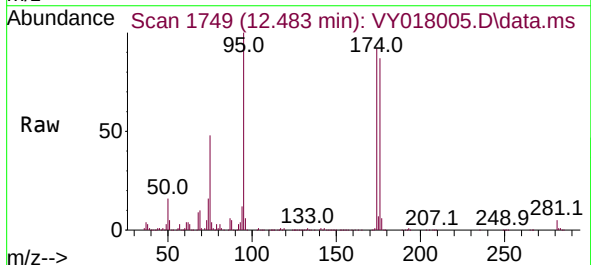
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

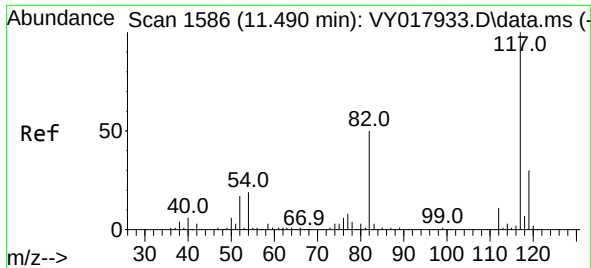
Tgt Ion:107 Resp: 172545
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 95 Resp: 245286
Ion Ratio Lower Upper
95 100
174 96.8 0.0 175.6
176 92.8 0.0 171.4

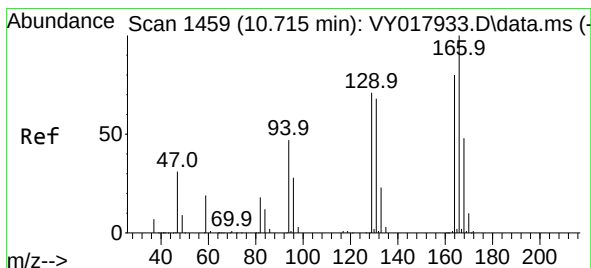
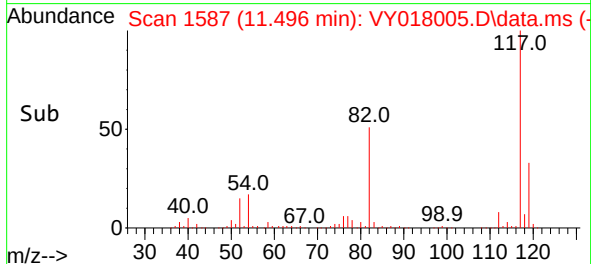
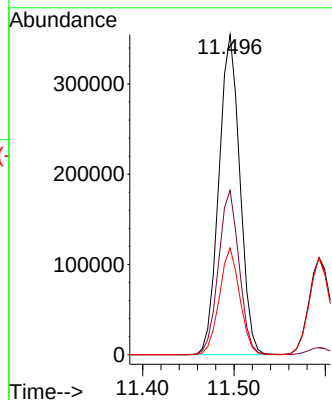
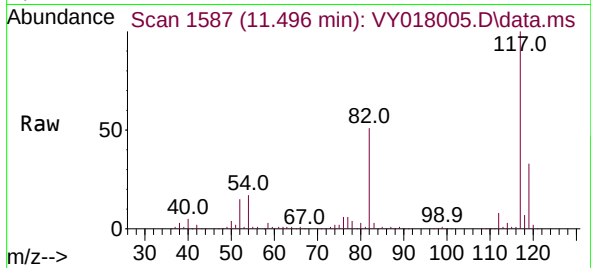




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

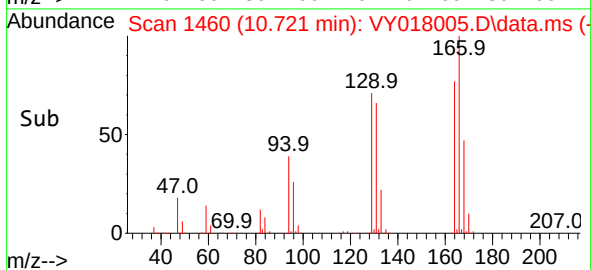
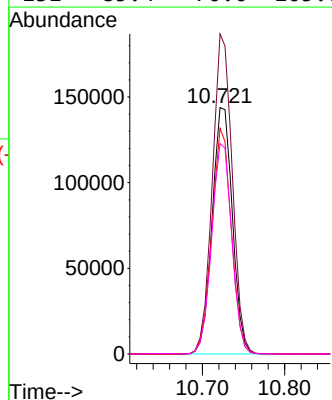
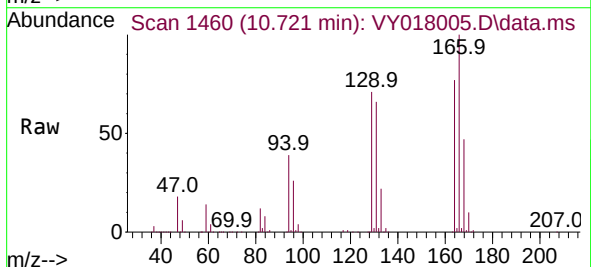
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

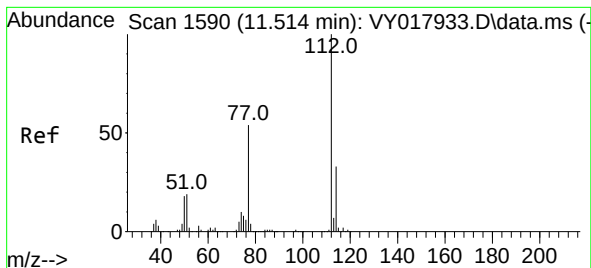
Tgt Ion:117 Resp: 566490
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 33.4 25.9 38.9



#64
Tetrachloroethene
Concen: 60.69 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion:164 Resp: 246287
Ion Ratio Lower Upper
164 100
166 129.8 102.6 154.0
129 91.5 72.0 108.0
131 85.4 70.0 105.0

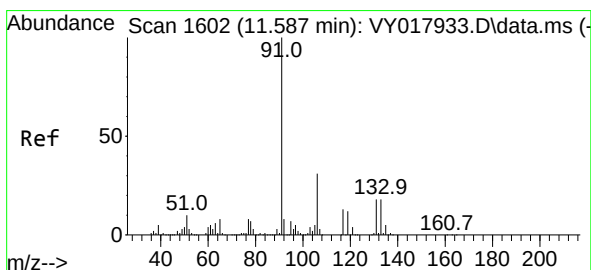
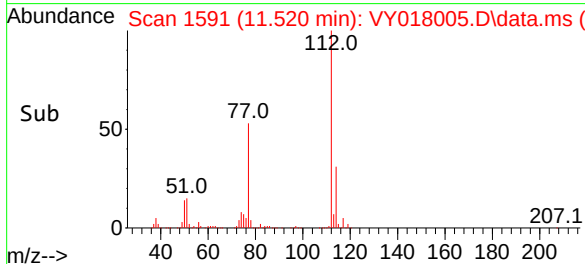
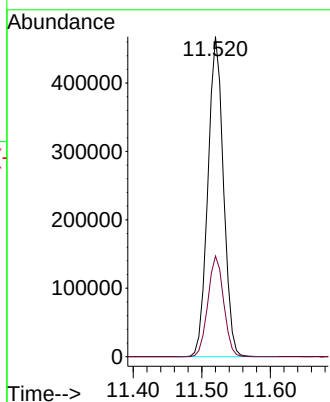
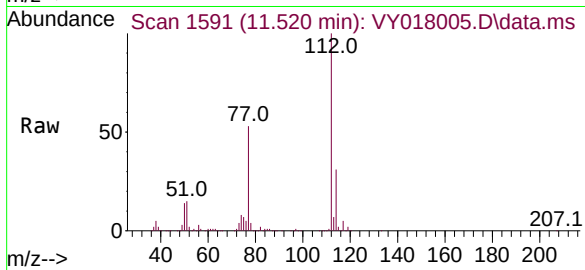




#65
Chlorobenzene
Concen: 59.41 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

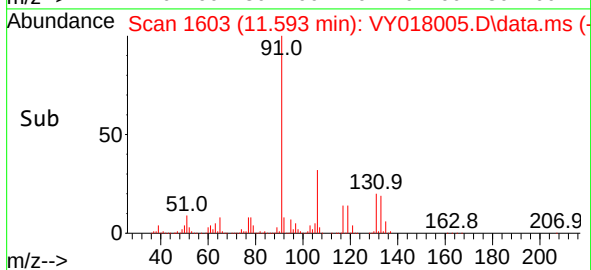
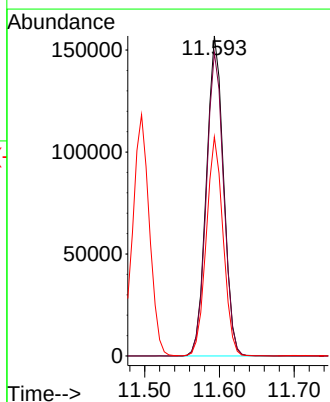
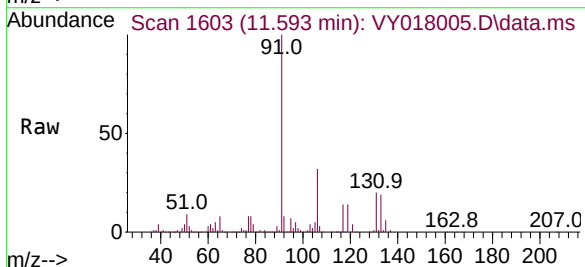
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

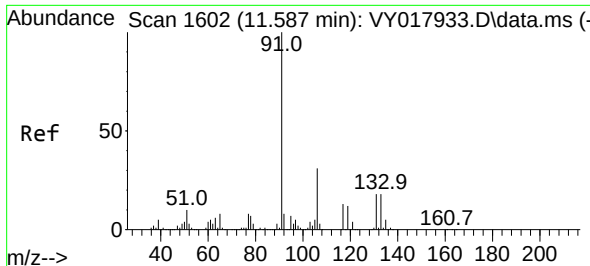
Tgt Ion:112 Resp: 737586
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 61.09 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion:131 Resp: 250116
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 67.2 34.1 102.2

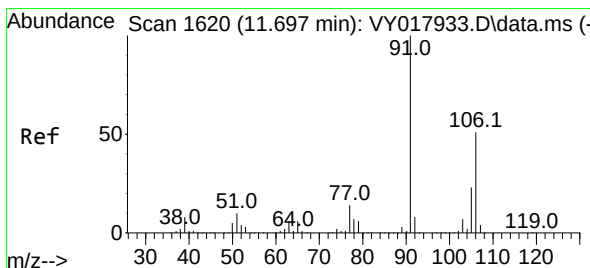
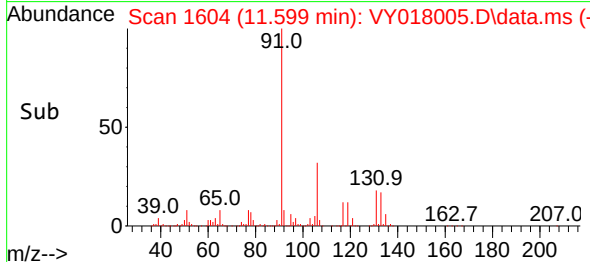
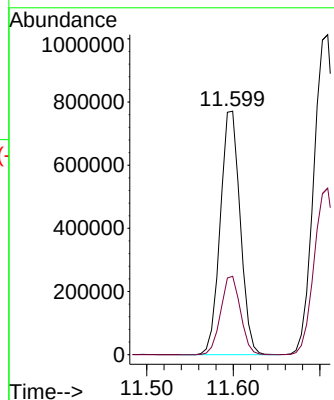
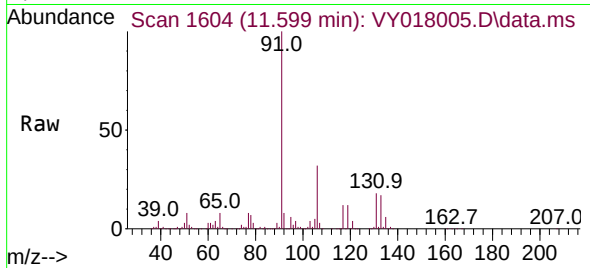




#67
Ethyl Benzene
Concen: 58.92 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

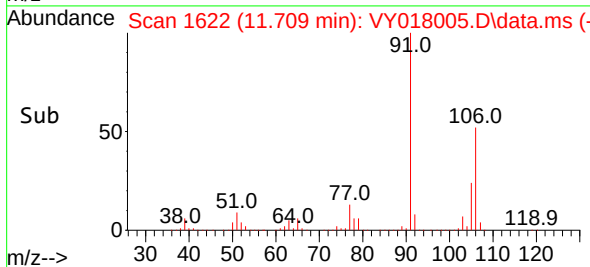
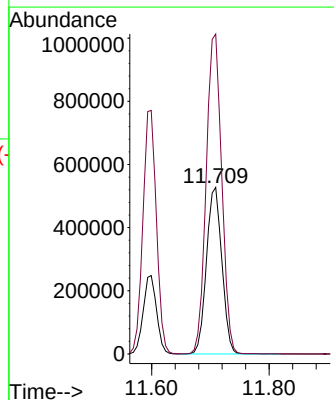
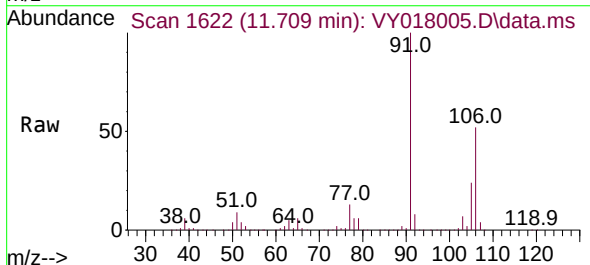
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

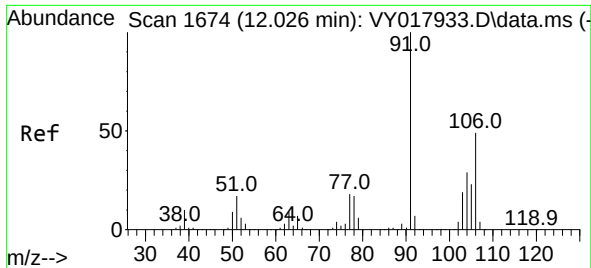
Tgt Ion: 91 Resp: 1231734
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 119.67 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion:106 Resp: 960823
Ion Ratio Lower Upper
106 100
91 193.6 156.0 234.0

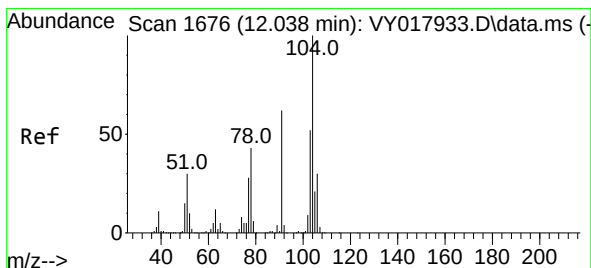
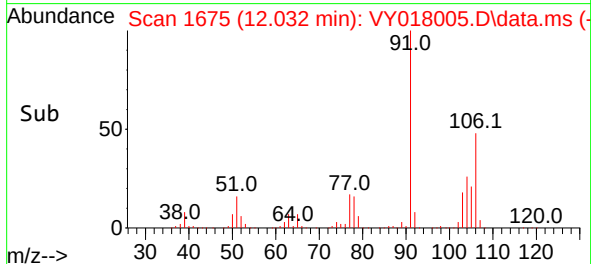
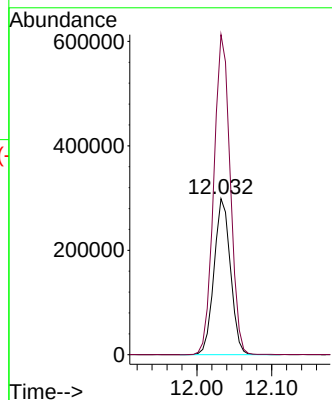
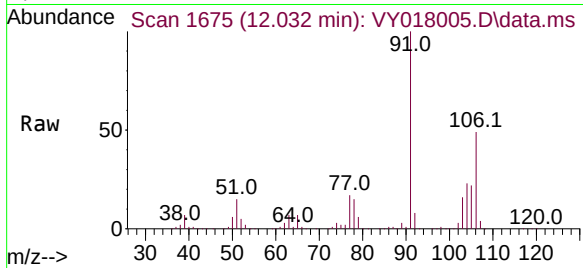




#69
o-Xylene
Concen: 60.81 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

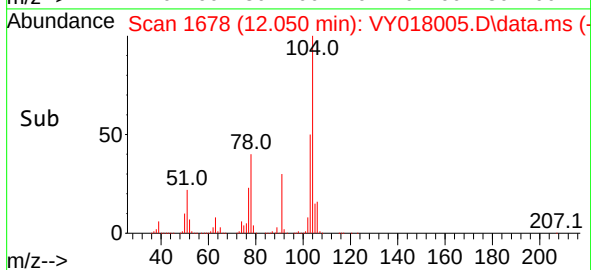
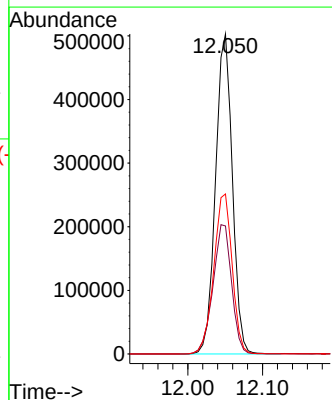
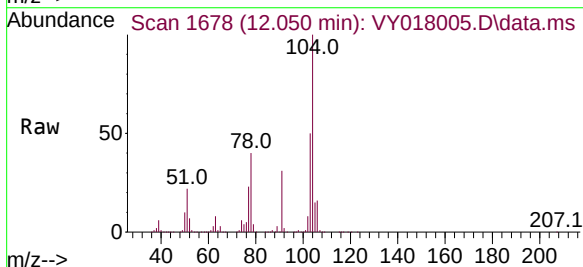
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

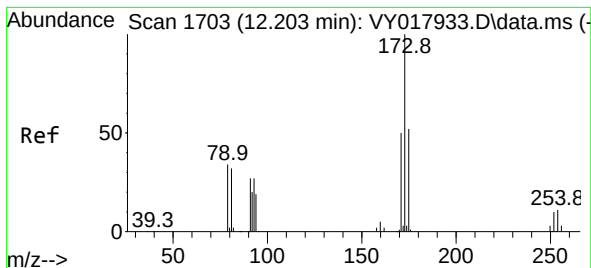
Tgt Ion:106 Resp: 455977
Ion Ratio Lower Upper
106 100
91 205.4 103.6 310.8



#70
Styrene
Concen: 62.00 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion:104 Resp: 785701
Ion Ratio Lower Upper
104 100
78 44.8 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 61.73 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

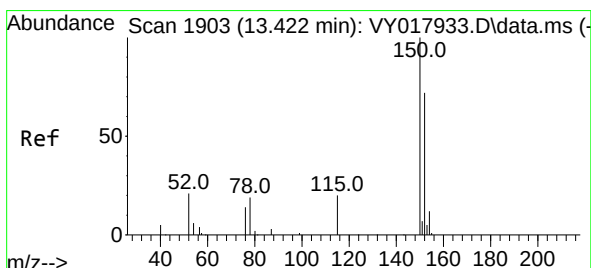
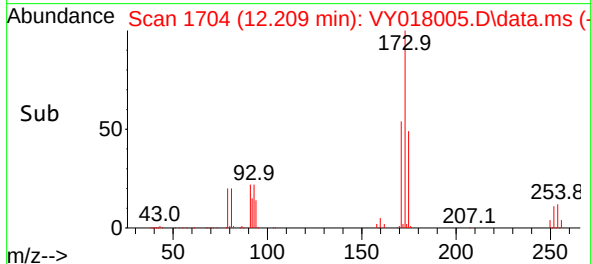
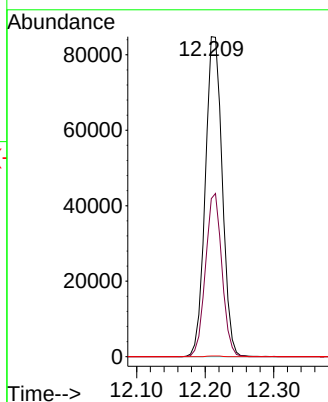
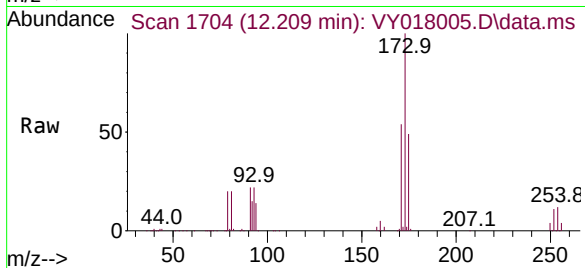
Tgt Ion:173 Resp: 146007

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.3

254 0.2 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: VY018005.D

Acq: 19 Apr 2024 17:45

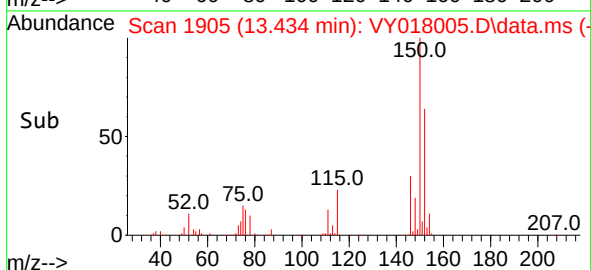
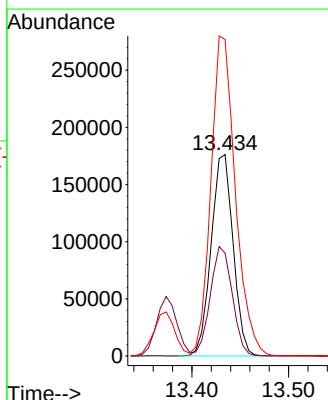
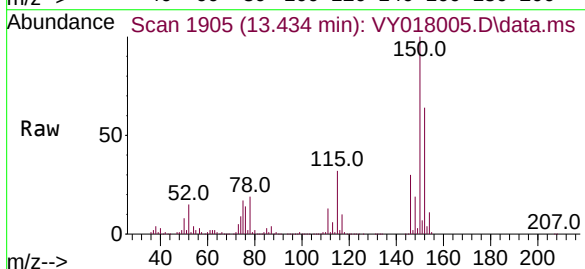
Tgt Ion:152 Resp: 278437

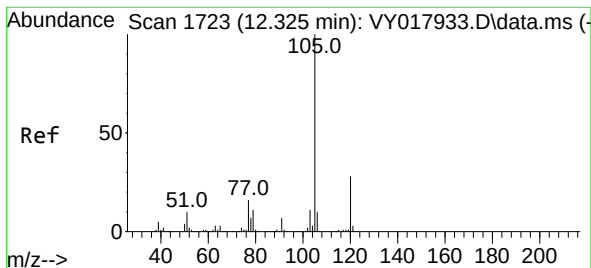
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 176.6 0.0 345.6





#73

Isopropylbenzene

Concen: 57.03 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

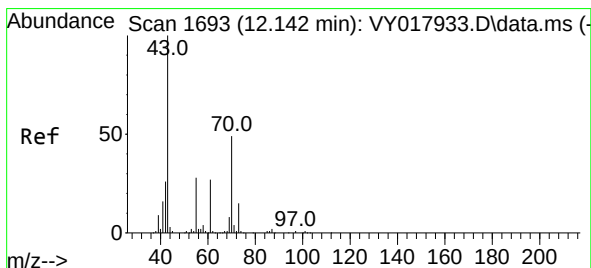
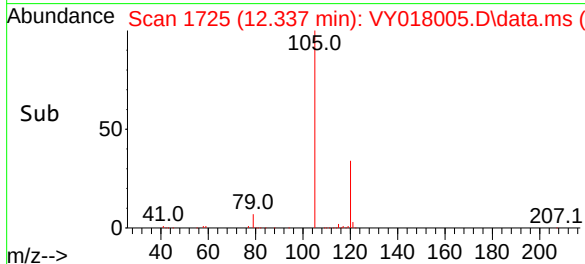
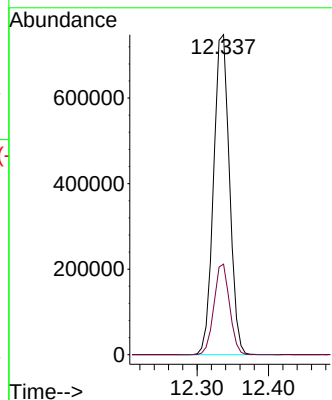
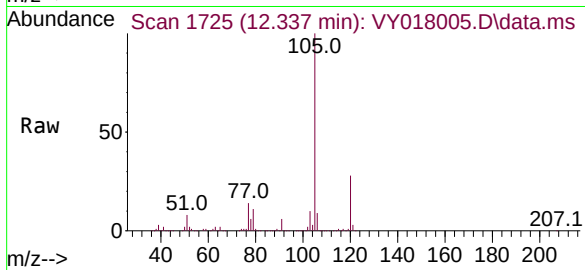
VSTDCCC050EC

Tgt Ion:105 Resp: 1157083

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 54.57 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Tgt Ion: 43 Resp: 223499

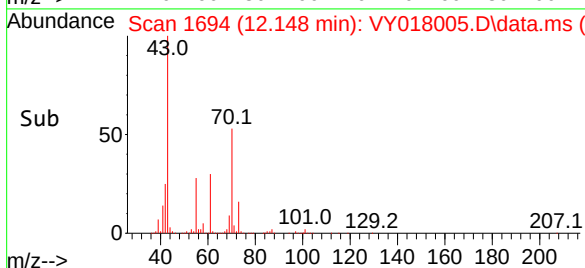
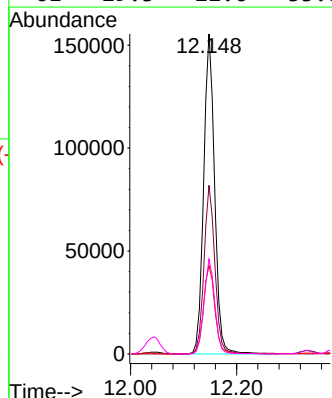
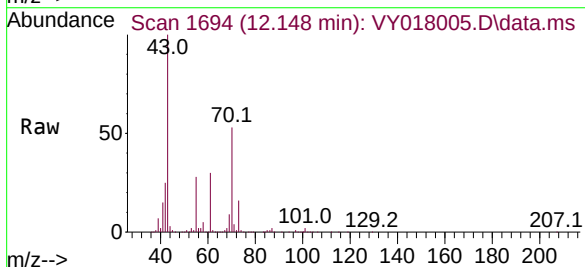
Ion Ratio Lower Upper

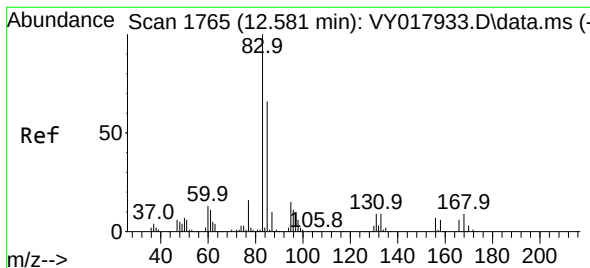
43 100

70 52.5 41.4 62.2

55 28.7 23.3 34.9

61 29.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.76 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

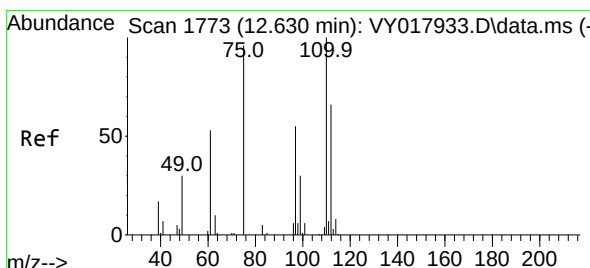
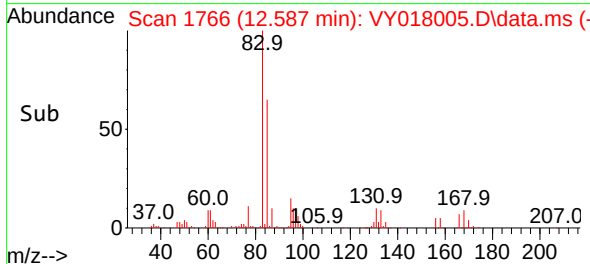
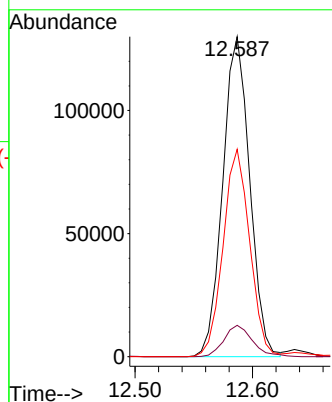
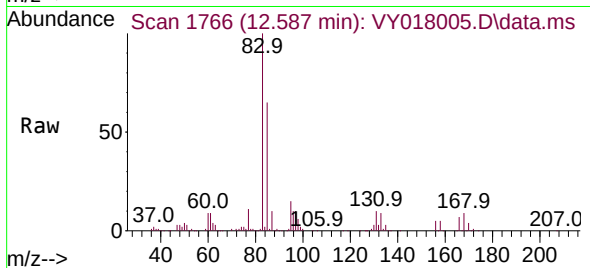
Tgt Ion: 83 Resp: 207221

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 63.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 94.71 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018005.D

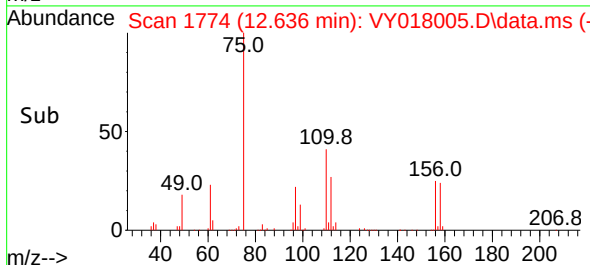
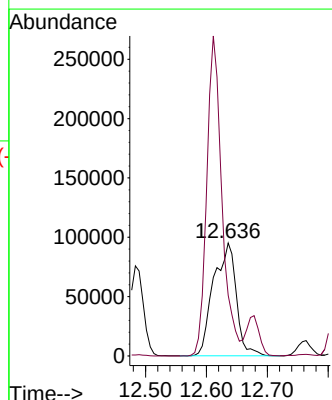
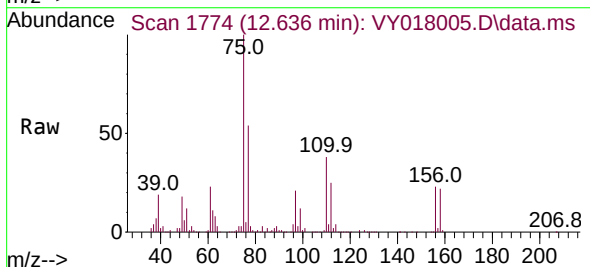
Acq: 19 Apr 2024 17:45

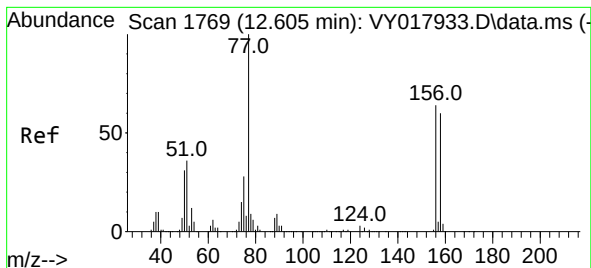
Tgt Ion: 75 Resp: 247451

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 60.45 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

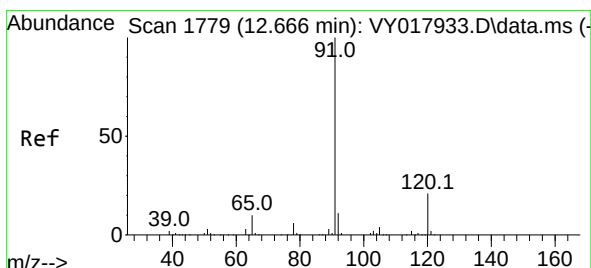
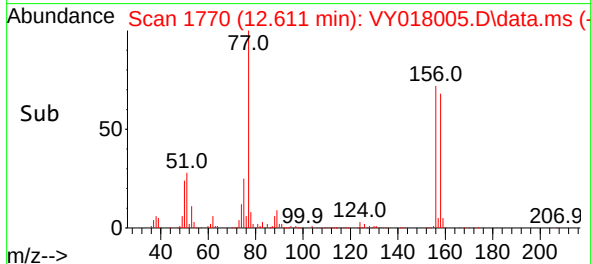
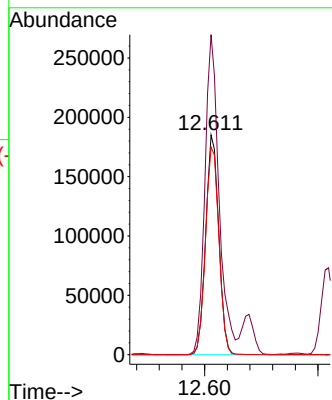
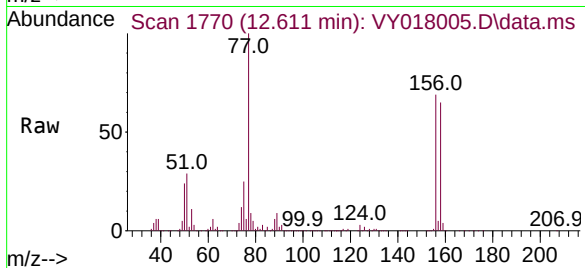
Tgt Ion:156 Resp: 296790

Ion Ratio Lower Upper

156 100

77 157.4 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 56.09 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY018005.D

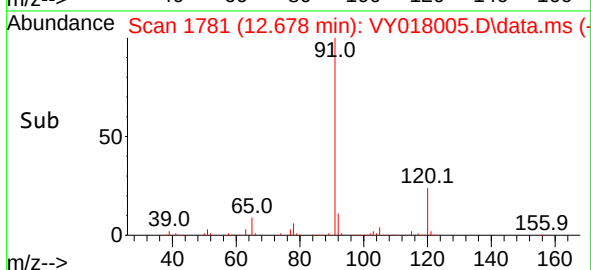
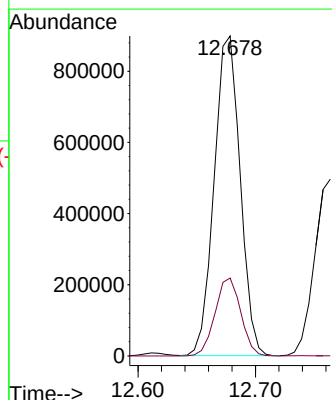
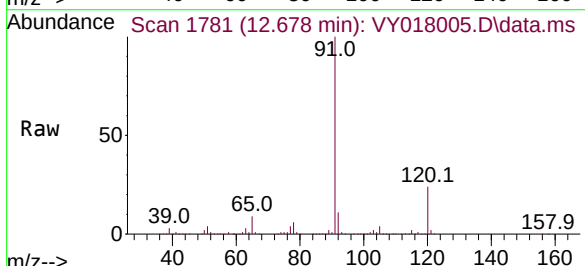
Acq: 19 Apr 2024 17:45

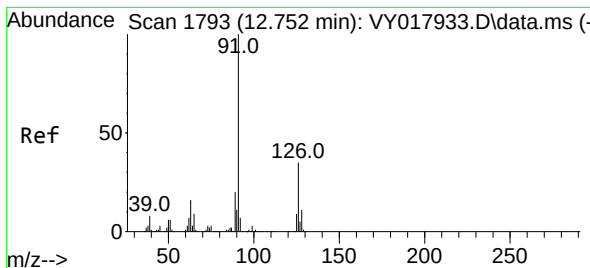
Tgt Ion: 91 Resp: 1380794

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4

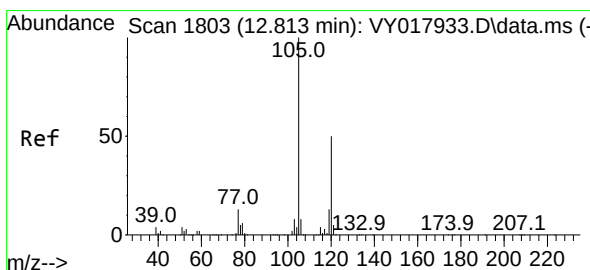
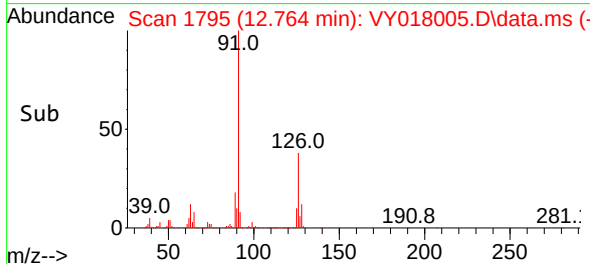
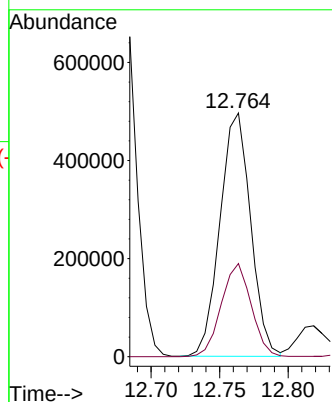
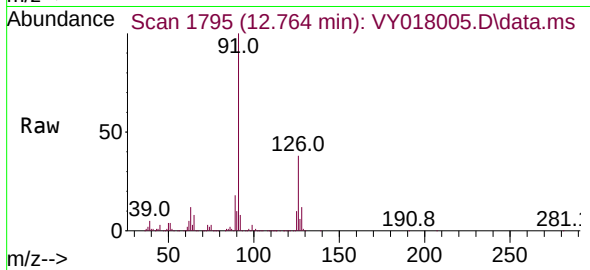




#79
2-Chlorotoluene
Concen: 56.13 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

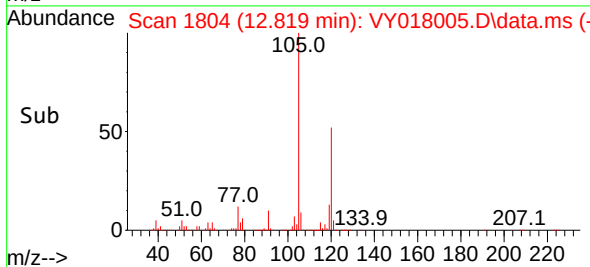
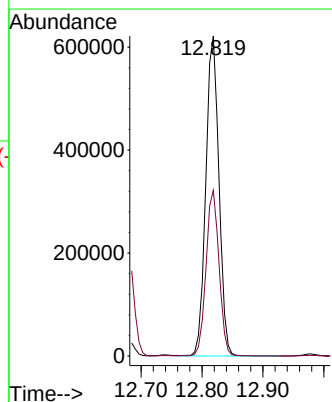
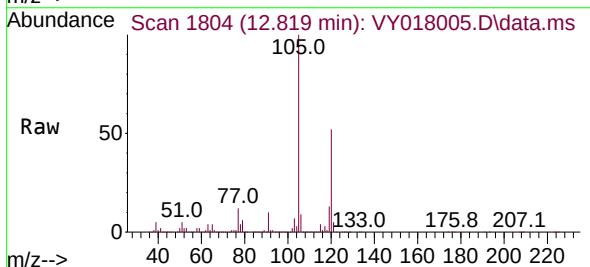
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

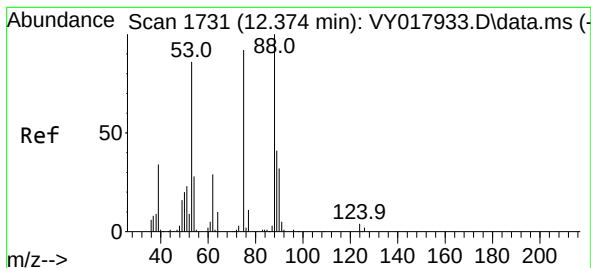
Tgt Ion: 91 Resp: 773414
Ion Ratio Lower Upper
91 100
126 37.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 57.82 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 105 Resp: 930230
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2

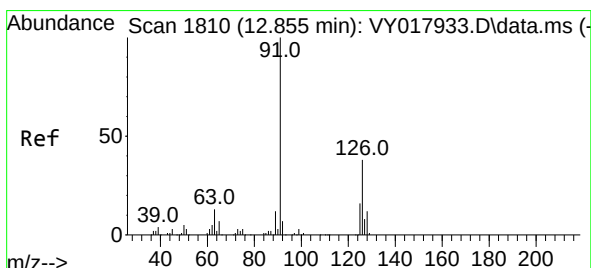
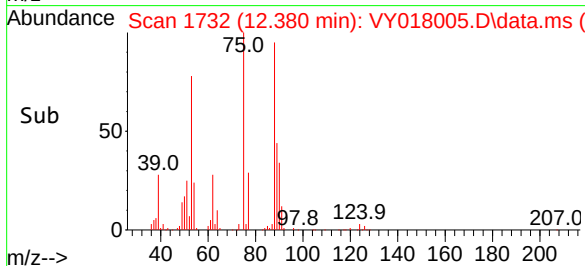
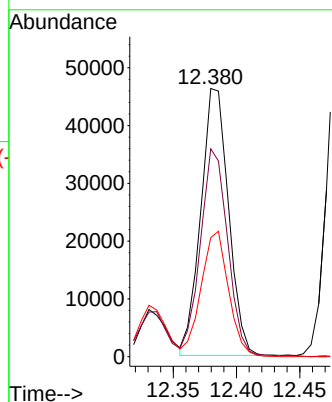
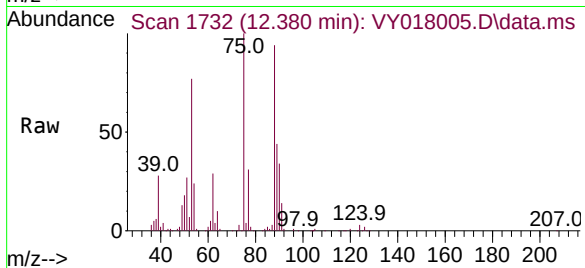




#81
trans-1,4-Dichloro-2-butene
Concen: 55.70 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

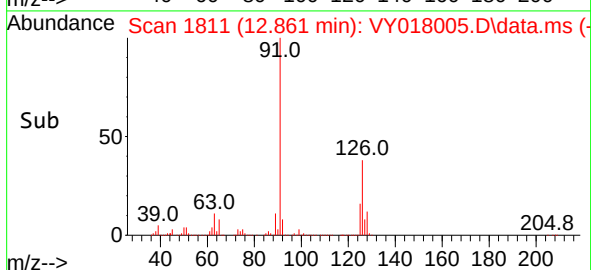
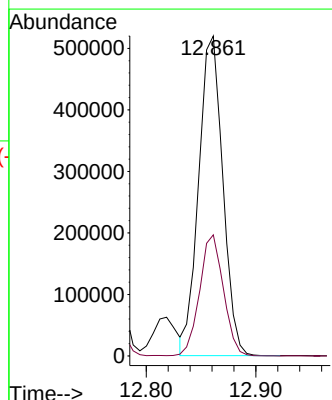
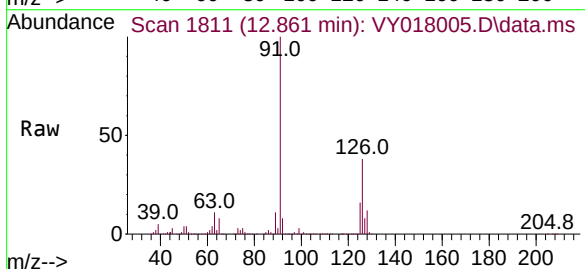
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

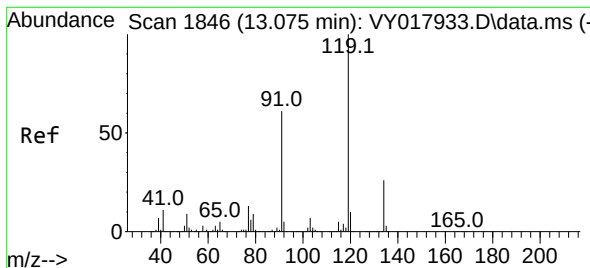
Tgt Ion: 75 Resp: 70581
Ion Ratio Lower Upper
75 100
53 76.3 66.8 100.2
89 46.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.68 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion: 91 Resp: 794624
Ion Ratio Lower Upper
91 100
126 37.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 58.49 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

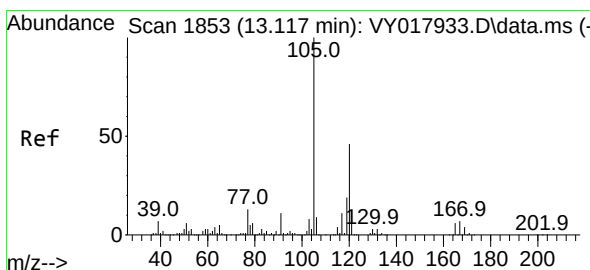
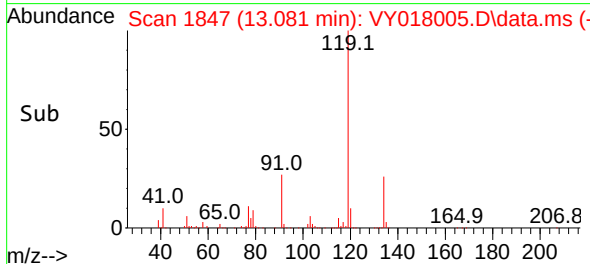
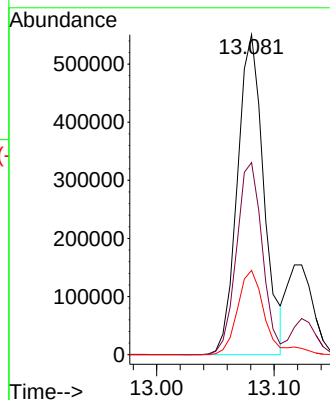
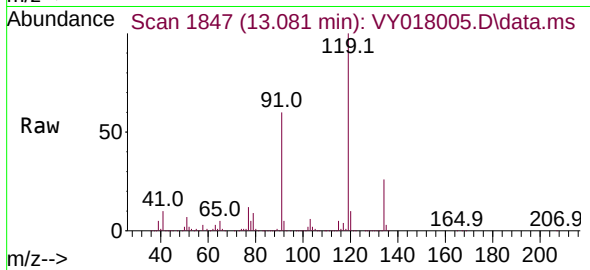
Tgt Ion:119 Resp: 859356

Ion Ratio Lower Upper

119 100

91 58.8 31.3 93.8

134 27.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.70 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018005.D

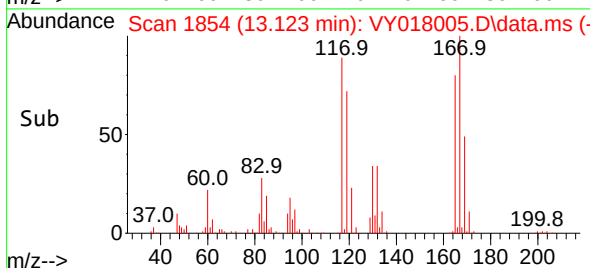
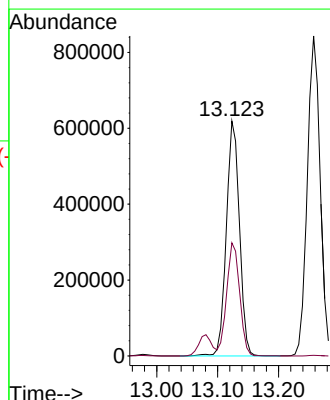
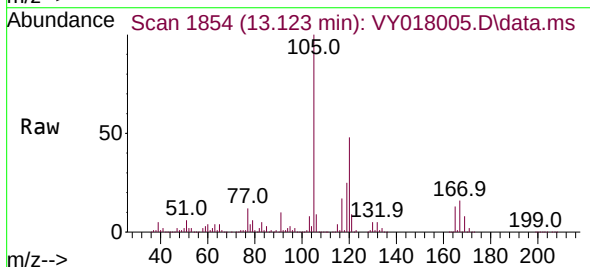
Acq: 19 Apr 2024 17:45

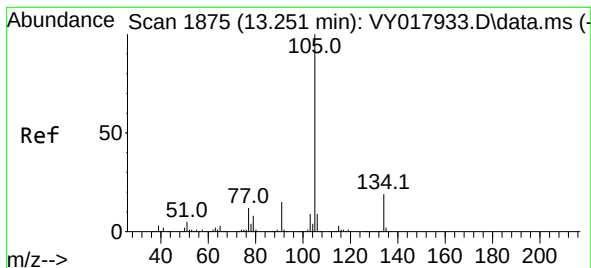
Tgt Ion:105 Resp: 924330

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.80 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

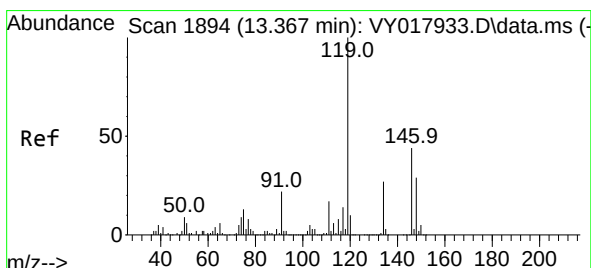
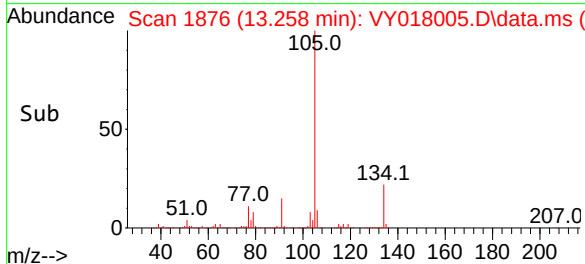
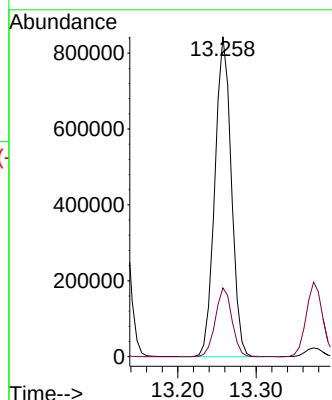
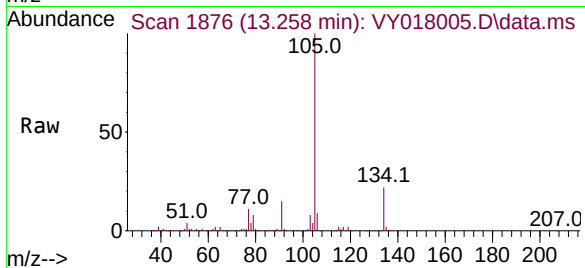
VSTDCCC050EC

Tgt Ion:105 Resp: 1231410

Ion Ratio Lower Upper

105 100

134 21.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 57.15 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

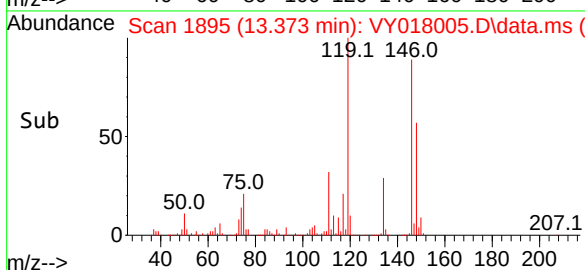
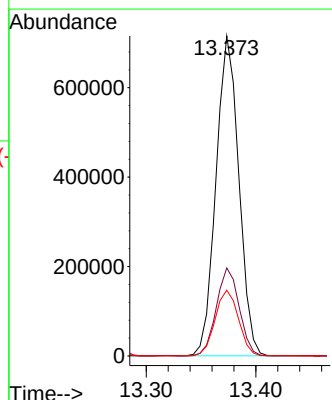
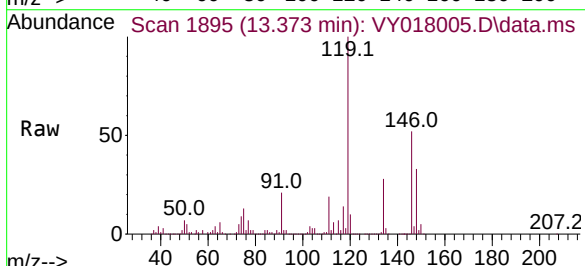
Tgt Ion:119 Resp: 1036362

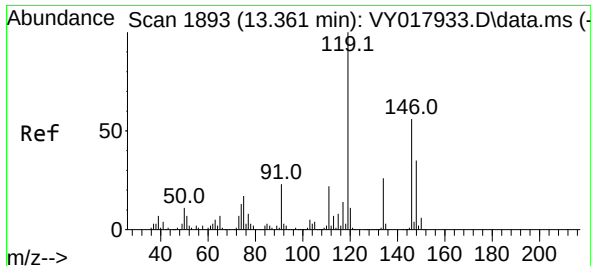
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 20.9 10.7 32.1

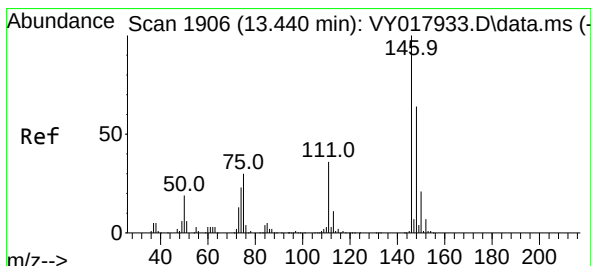
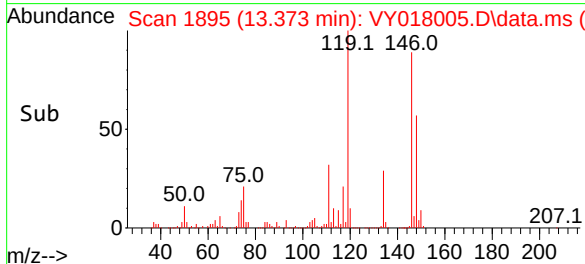
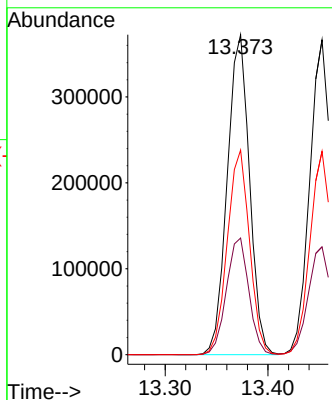
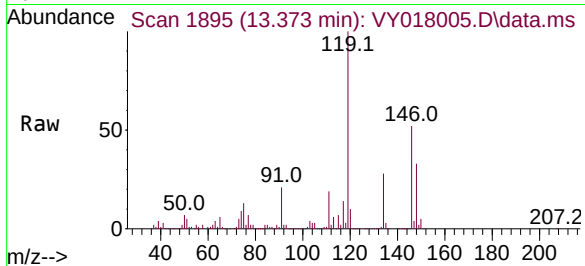




#87
1,3-Dichlorobenzene
Concen: 57.52 ug/l
RT: 13.373 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

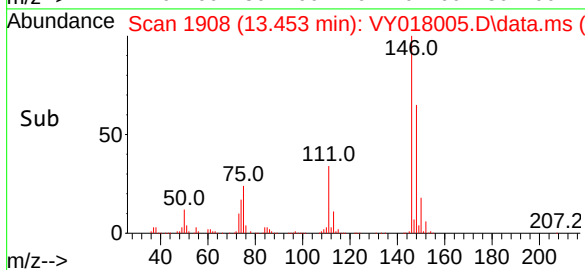
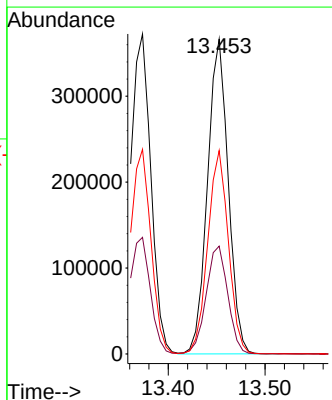
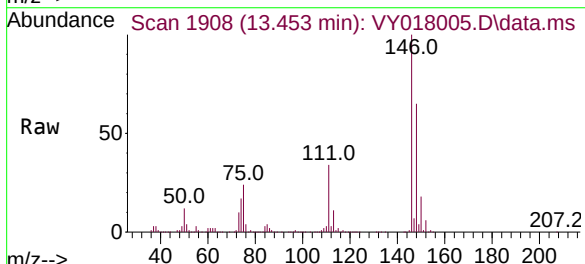
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

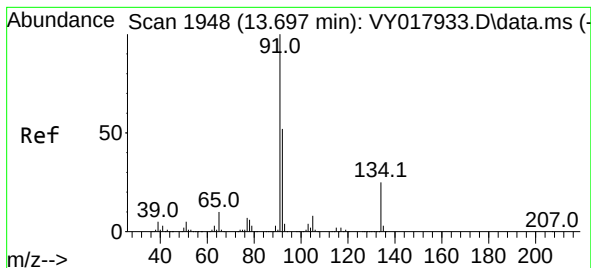
Tgt Ion:146 Resp: 560292
Ion Ratio Lower Upper
146 100
111 36.8 19.0 57.0
148 63.9 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 56.98 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY018005.D
Acq: 19 Apr 2024 17:45

Tgt Ion:146 Resp: 544883
Ion Ratio Lower Upper
146 100
111 35.8 18.4 55.4
148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 54.62 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

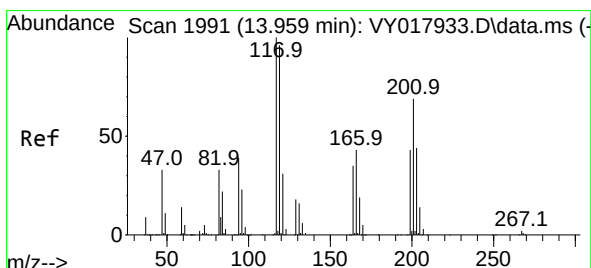
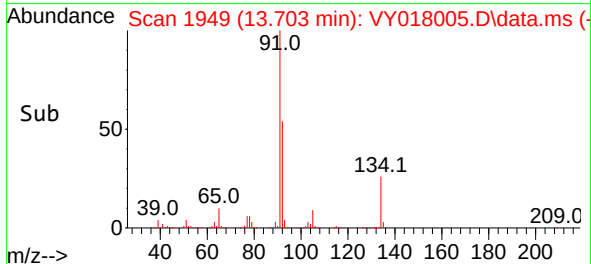
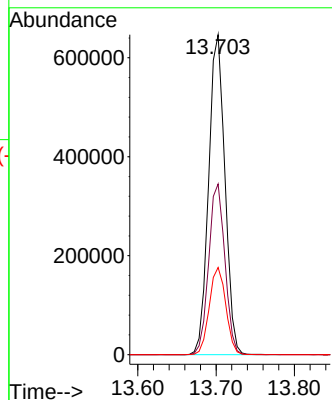
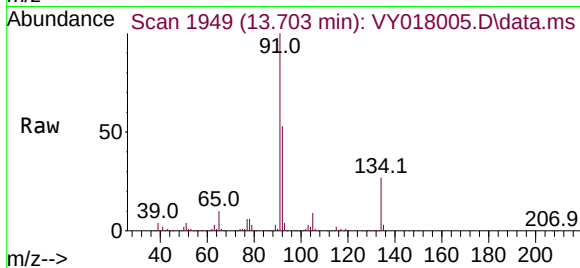
Tgt Ion: 91 Resp: 931892

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 27.8 12.9 38.7



#90

Hexachloroethane

Concen: 55.56 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018005.D

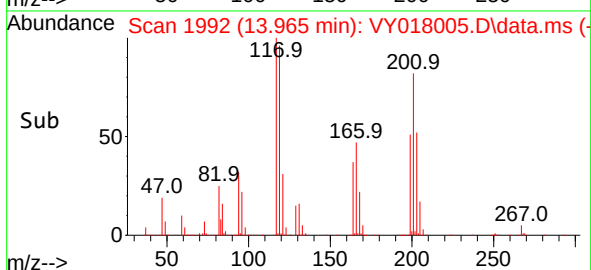
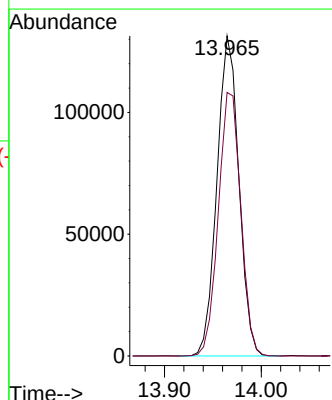
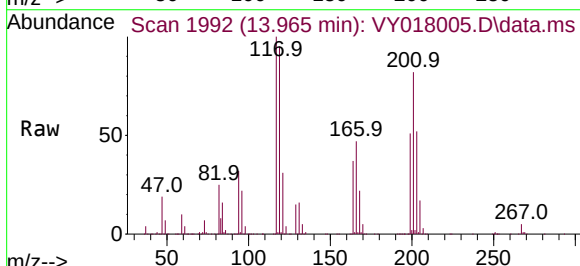
Acq: 19 Apr 2024 17:45

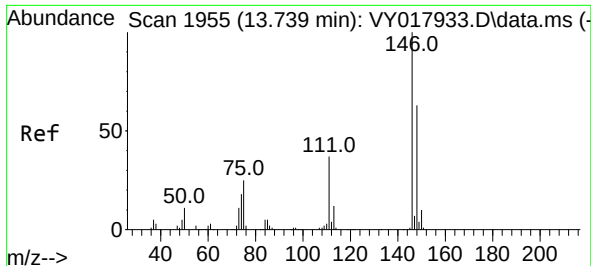
Tgt Ion: 117 Resp: 206624

Ion Ratio Lower Upper

117 100

201 84.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 58.08 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

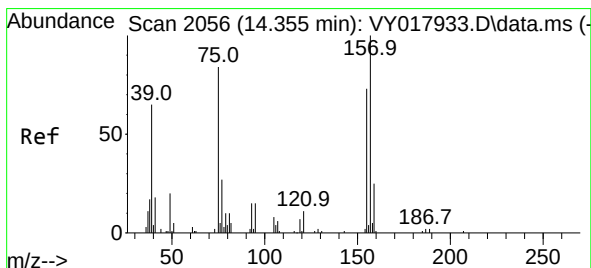
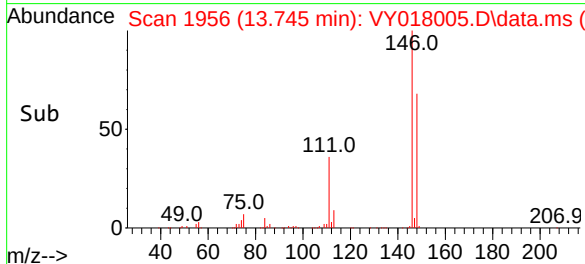
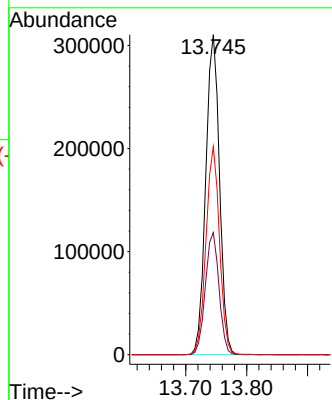
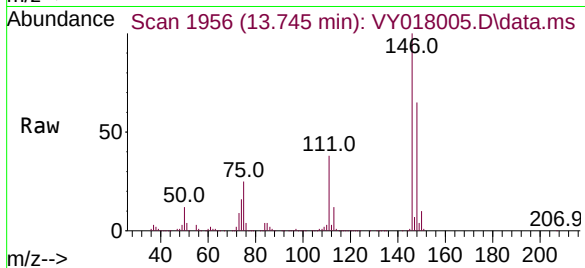
Tgt Ion:146 Resp: 488117

Ion Ratio Lower Upper

146 100

111 37.9 19.9 59.7

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.35 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

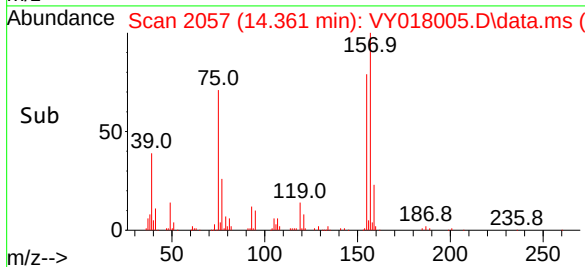
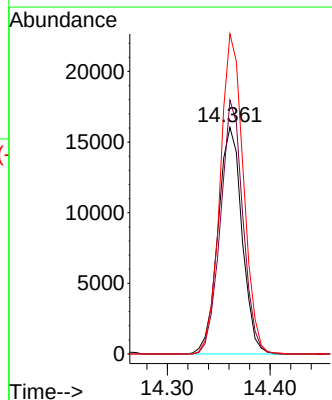
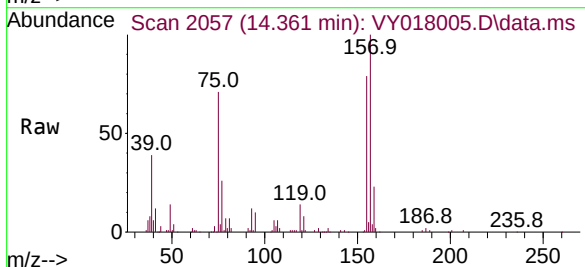
Tgt Ion: 75 Resp: 25965

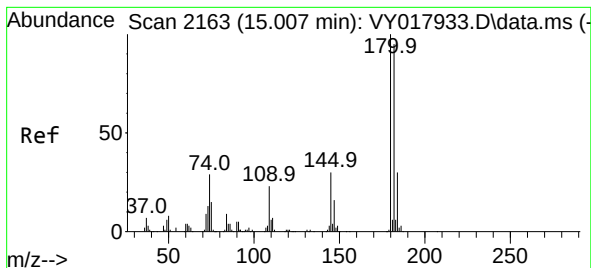
Ion Ratio Lower Upper

75 100

155 104.4 48.6 145.8

157 136.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 57.37 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

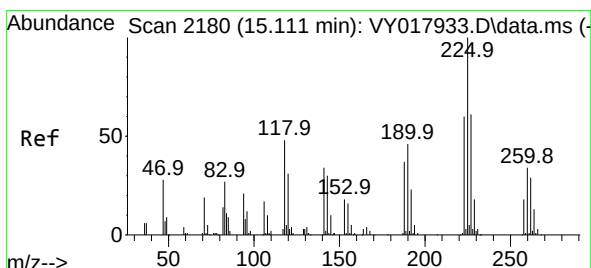
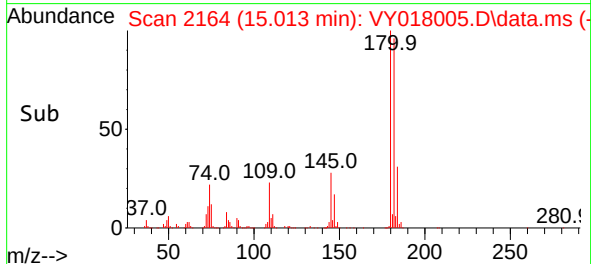
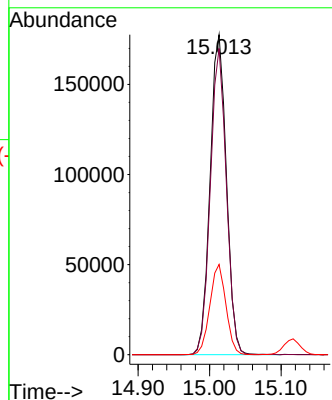
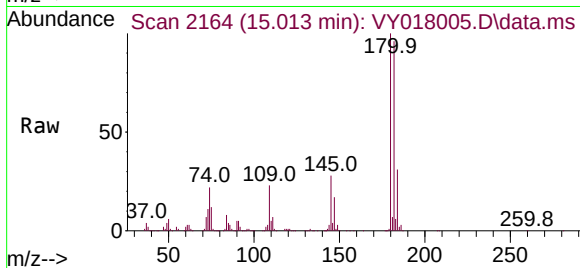
Tgt Ion:180 Resp: 280774

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 56.79 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

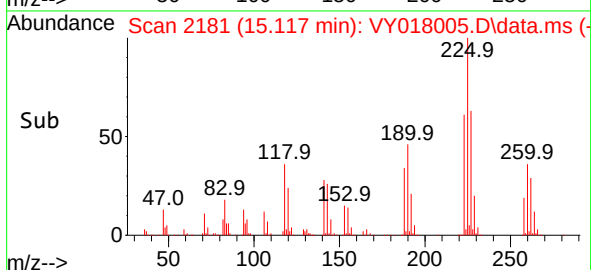
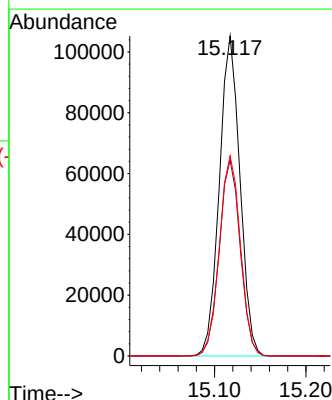
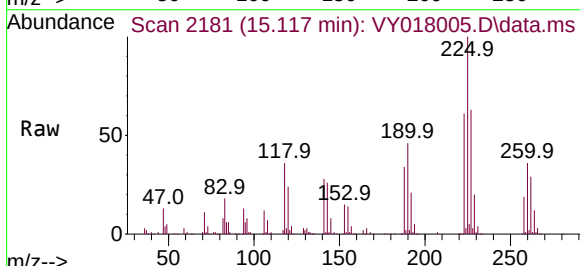
Tgt Ion:225 Resp: 164896

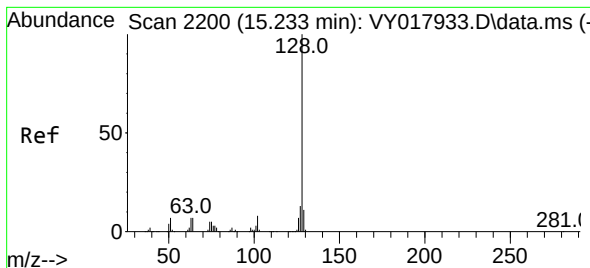
Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 59.13 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

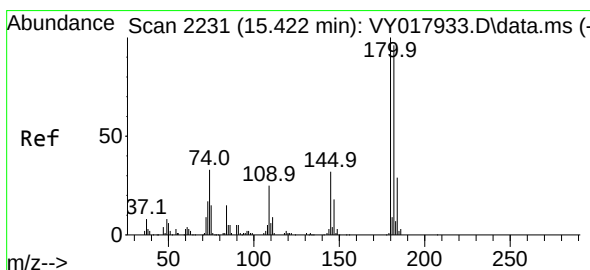
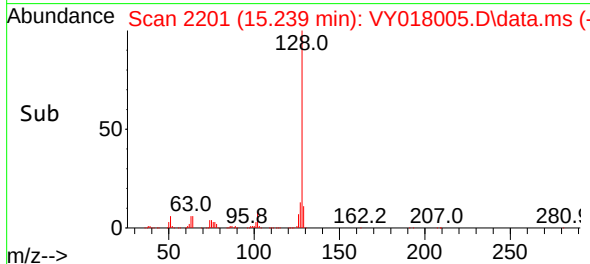
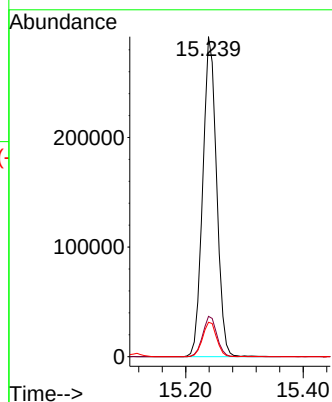
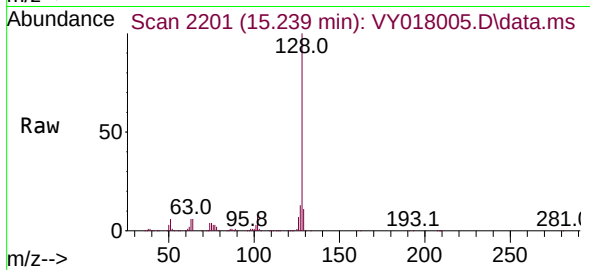
Tgt Ion:128 Resp: 476896

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.41 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018005.D

Acq: 19 Apr 2024 17:45

Tgt Ion:180 Resp: 235753

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 29.5 15.4 46.1

