

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017332.D
 Acq On : 09 Feb 2024 12:03
 Operator : SY/MD
 Sample : VY0209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

Quant Time: Feb 09 22:00:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	118417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	168389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48718	46.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.100%
35) Dibromofluoromethane	7.722	113	52519	49.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.185	98	194509	49.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.489	95	62066	48.688	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19126	21.306	ug/l	96
3) Chloromethane	2.113	50	33826	20.975	ug/l	98
4) Vinyl Chloride	2.247	62	40395	20.555	ug/l	100
5) Bromomethane	2.644	94	28292	20.769	ug/l	93
6) Chloroethane	2.790	64	25911	20.420	ug/l	100
7) Trichlorofluoromethane	3.119	101	44783	22.161	ug/l	98
8) Diethyl Ether	3.528	74	12634	19.876	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	27579	22.514	ug/l	99
10) Methyl Iodide	4.088	142	23460	18.217	ug/l	99
11) Tert butyl alcohol	4.960	59	9363	94.927	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	23678	20.628	ug/l	98
13) Acrolein	3.723	56	8202	85.884	ug/l	98
14) Allyl chloride	4.472	41	35103	20.229	ug/l	97
15) Acrylonitrile	5.161	53	27345	95.547	ug/l	100
16) Acetone	3.942	43	32781	105.432	ug/l	96
17) Carbon Disulfide	4.192	76	61379	16.752	ug/l	99
18) Methyl Acetate	4.479	43	11281	16.264	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	52735	19.076	ug/l	97
20) Methylene Chloride	4.716	84	29709	21.321	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	26066	19.962	ug/l	95
22) Diisopropyl ether	6.125	45	79587	20.885	ug/l	98
23) Vinyl Acetate	6.064	43	227028	98.324	ug/l	98
24) 1,1-Dichloroethane	6.015	63	49474	21.193	ug/l	98
25) 2-Butanone	6.990	43	39122	94.650	ug/l	95
26) 2,2-Dichloropropane	6.984	77	41234	21.236	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	30414	20.825	ug/l	99
28) Bromochloromethane	7.338	49	14981	16.760	ug/l	99
29) Tetrahydrofuran	7.350	42	20885	89.447	ug/l	97
30) Chloroform	7.509	83	50680	21.581	ug/l	98
31) Cyclohexane	7.789	56	41122	19.286	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	43945	21.755	ug/l	99
36) 1,1-Dichloropropene	7.923	75	38921	21.111	ug/l	99
37) Ethyl Acetate	7.082	43	16372	19.146	ug/l	98
38) Carbon Tetrachloride	7.905	117	38193	21.636	ug/l	100
39) Methylcyclohexane	9.191	83	42931	19.932	ug/l	99
40) Benzene	8.167	78	111193	21.120	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8206	20.255	ug/l #	71
42) 1,2-Dichloroethane	8.240	62	28484	20.434	ug/l	99
43) Isopropyl Acetate	8.277	43	28319	18.708	ug/l #	86
44) Trichloroethene	8.941	130	28705	21.478	ug/l	99
45) 1,2-Dichloropropane	9.222	63	27259	21.079	ug/l	97
46) Dibromomethane	9.313	93	13910	19.912	ug/l	98
47) Bromodichloromethane	9.502	83	37111	21.228	ug/l	100
48) Methyl methacrylate	9.295	41	12802	18.031	ug/l	97
49) 1,4-Dioxane	9.307	88	2992	393.505	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	77385	95.370	ug/l	100
52) Toluene	10.252	92	68237	21.472	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	32756	19.947	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	40892	20.790	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	19319	20.327	ug/l	93
56) Ethyl methacrylate	10.514	69	21312	18.669	ug/l	95
57) 1,3-Dichloropropane	10.795	76	33779	20.663	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	54041	91.269	ug/l	100
59) 2-Hexanone	10.837	43	57429	97.878	ug/l	98
60) Dibromochloromethane	10.990	129	23211	20.817	ug/l	100
61) 1,2-Dibromoethane	11.093	107	17626	19.940	ug/l	98
64) Tetrachloroethene	10.727	164	24735	22.618	ug/l	98
65) Chlorobenzene	11.526	112	70819	21.802	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	26386	22.352	ug/l	99
67) Ethyl Benzene	11.599	91	128837	21.946	ug/l	98
68) m/p-Xylenes	11.709	106	98737	44.318	ug/l	99
69) o-Xylene	12.038	106	44814	21.843	ug/l	100
70) Styrene	12.050	104	74399	22.009	ug/l	99
71) Bromoform	12.215	173	12430	20.106	ug/l #	100
73) Isopropylbenzene	12.337	105	124093	22.193	ug/l	100
74) N-amyl acetate	12.148	43	23228	18.488	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	21172	19.252	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	26396	37.574	ug/l #	100
77) Bromobenzene	12.617	156	25797	20.800	ug/l	99
78) n-propylbenzene	12.678	91	155720	22.676	ug/l	100
79) 2-Chlorotoluene	12.764	91	82829	21.939	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	99188	22.305	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6161	18.223	ug/l	97
82) 4-Chlorotoluene	12.861	91	87284	22.463	ug/l	100
83) tert-Butylbenzene	13.081	119	85530	22.438	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	97899	22.303	ug/l	98
85) sec-Butylbenzene	13.257	105	137085	23.010	ug/l	98
86) p-Isopropyltoluene	13.373	119	107787	22.640	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	53684	21.697	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	52864	21.992	ug/l	98
89) n-Butylbenzene	13.703	91	106050	23.429	ug/l	99
90) Hexachloroethane	13.965	117	22639	23.163	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	46005	21.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2696	18.820	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	22904	21.892	ug/l	98
94) Hexachlorobutadiene	15.117	225	14809	24.033	ug/l	100
95) Naphthalene	15.245	128	36082	19.875	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19528	21.946	ug/l	99

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QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

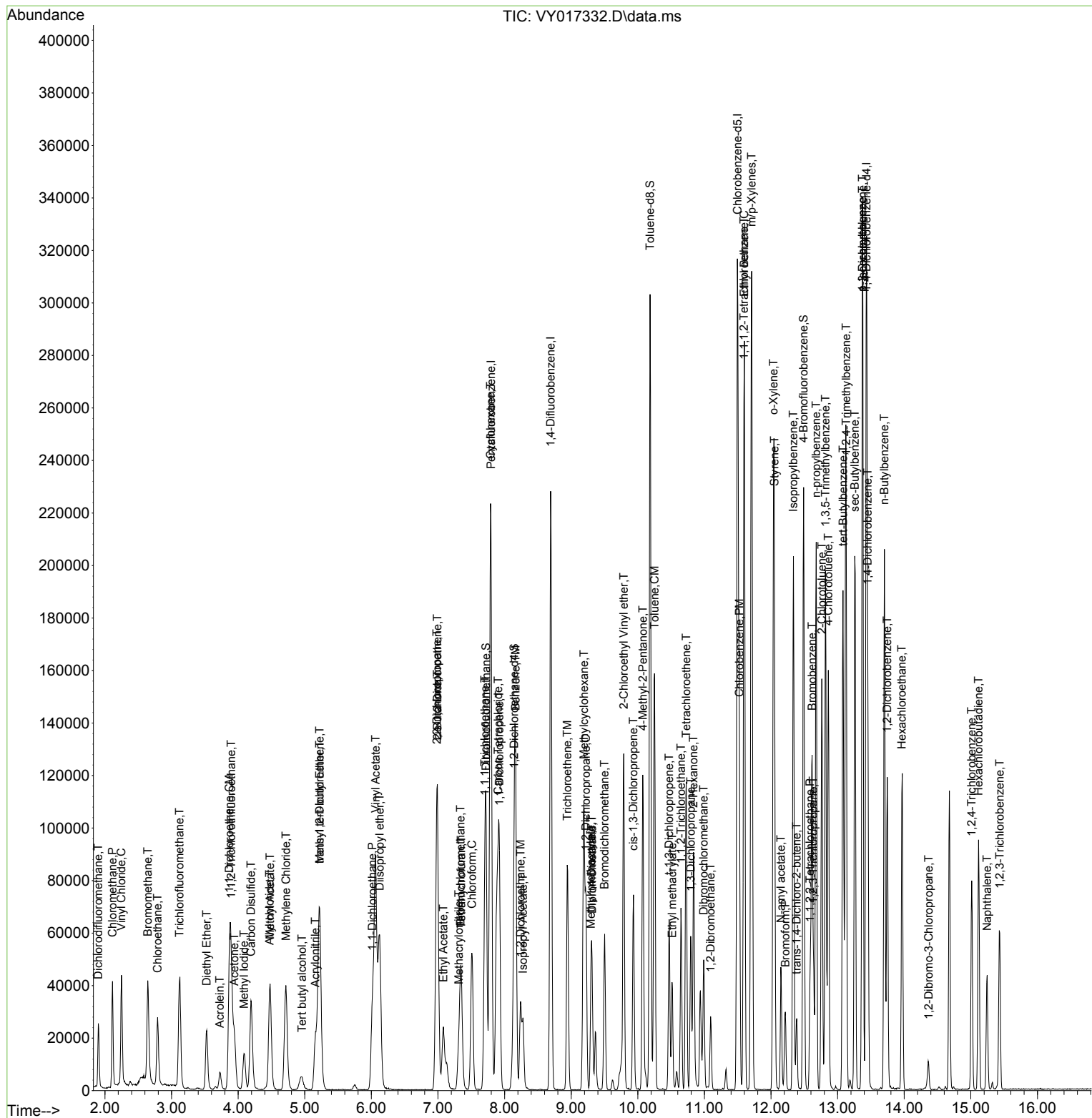
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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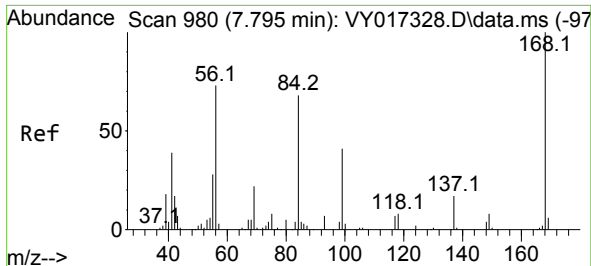
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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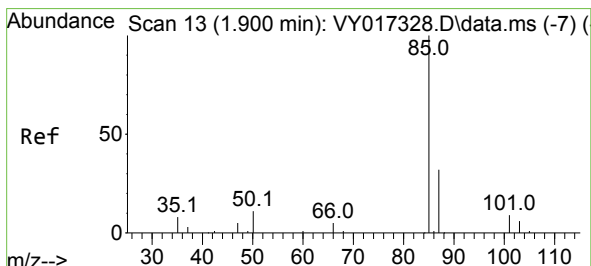
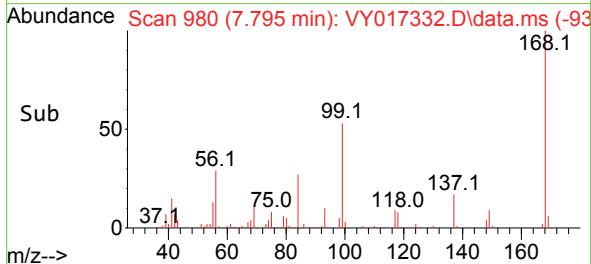
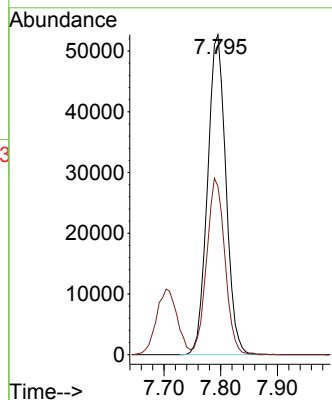
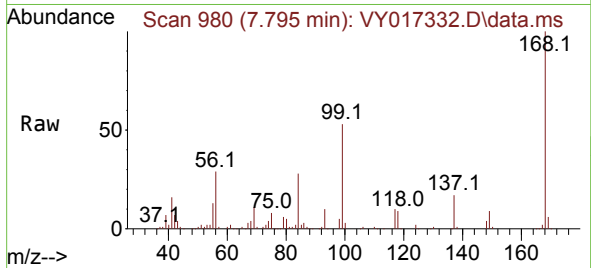




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

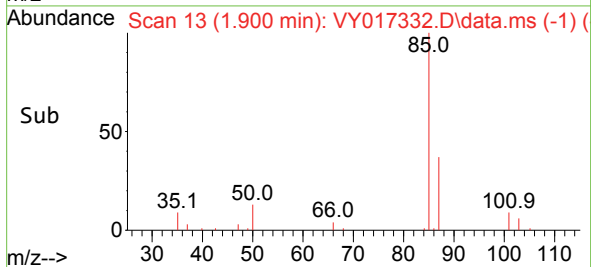
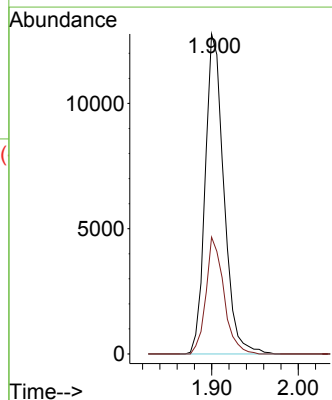
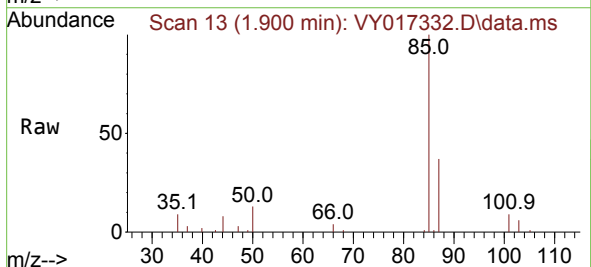
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

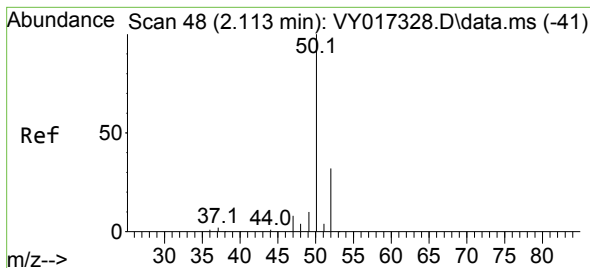
Tgt Ion:168 Resp: 118417
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.306 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 85 Resp: 19126
Ion Ratio Lower Upper
85 100
87 36.5 17.1 51.3





#3

Chloromethane

Concen: 20.975 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

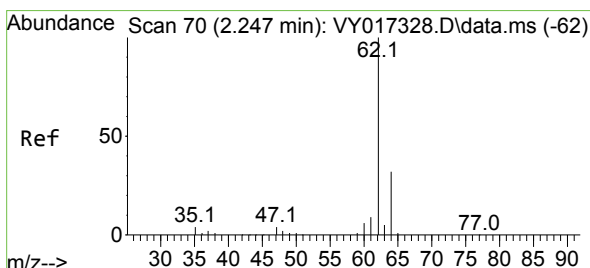
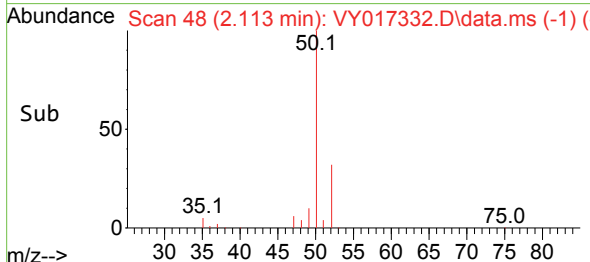
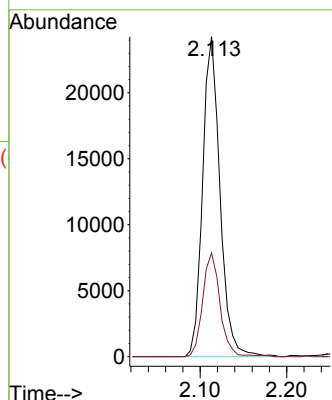
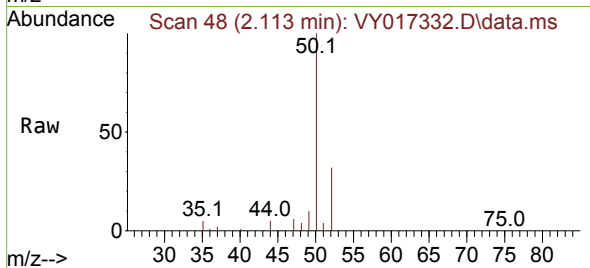
VY0209SBS01

Tgt Ion: 50 Resp: 33826

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



#4

Vinyl Chloride

Concen: 20.555 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY017332.D

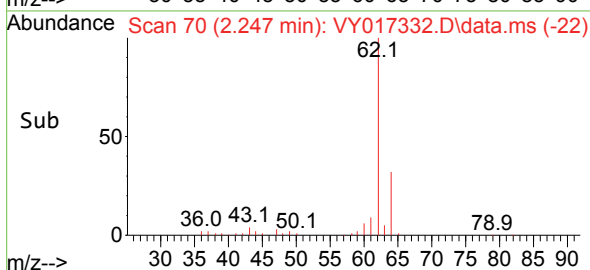
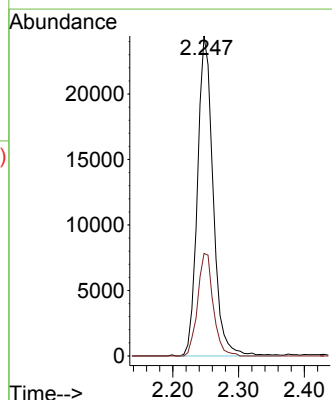
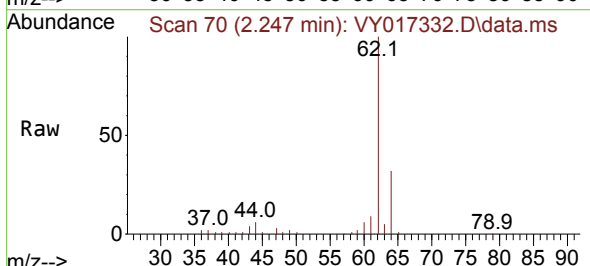
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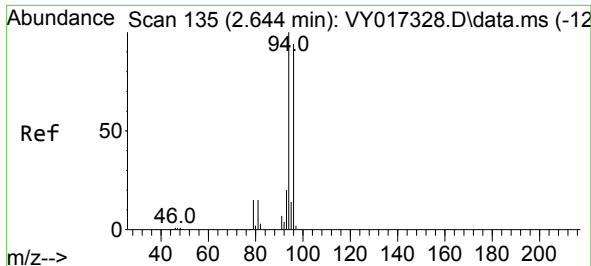
Tgt Ion: 62 Resp: 40395

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 20.769 ug/l

RT: 2.644 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

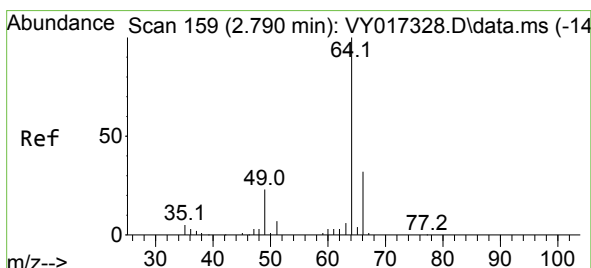
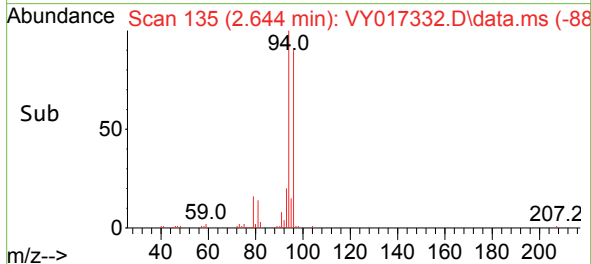
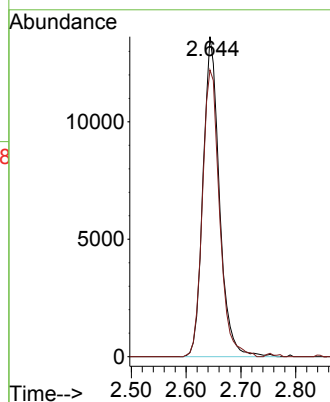
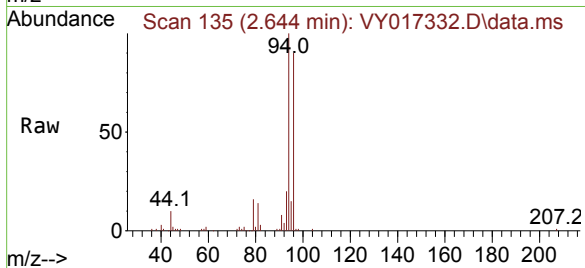
VY0209SBS01

Tgt Ion: 94 Resp: 28292

Ion Ratio Lower Upper

94 100

96 89.6 77.3 115.9



#6

Chloroethane

Concen: 20.420 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY017332.D

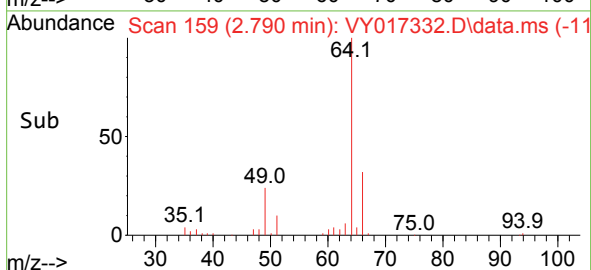
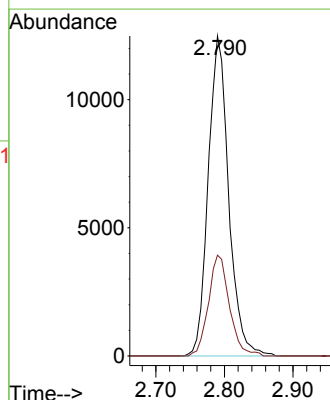
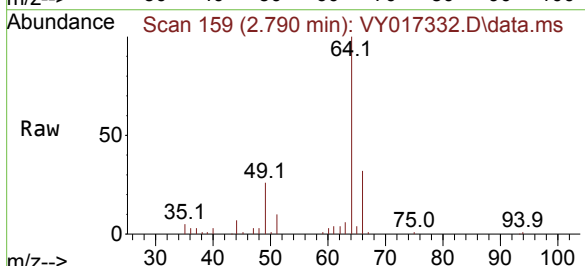
Acq: 09 Feb 2024 12:03

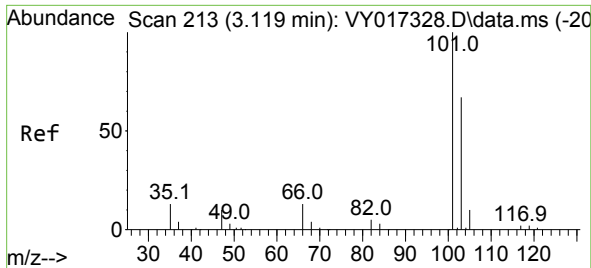
Tgt Ion: 64 Resp: 25911

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7

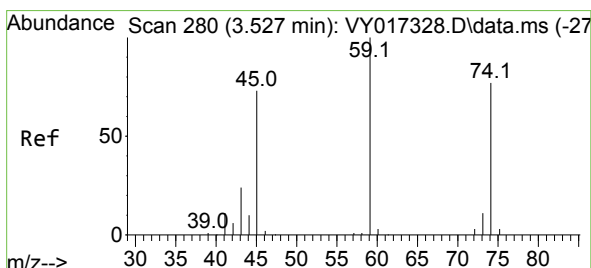
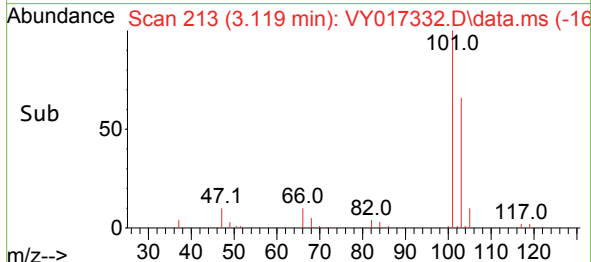
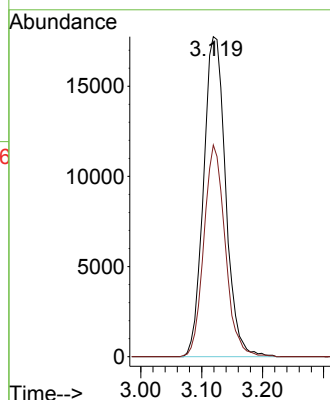
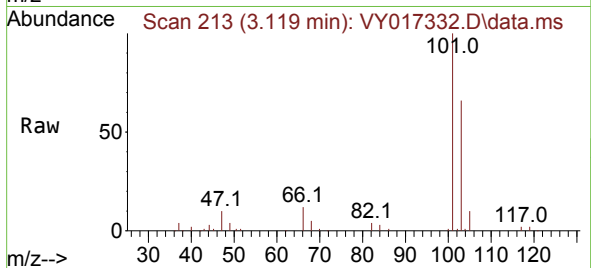




#7
 Trichlorofluoromethane
 Concen: 22.161 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.012 min
 Lab File: VY017332.D
 Acq: 09 Feb 2024 12:03

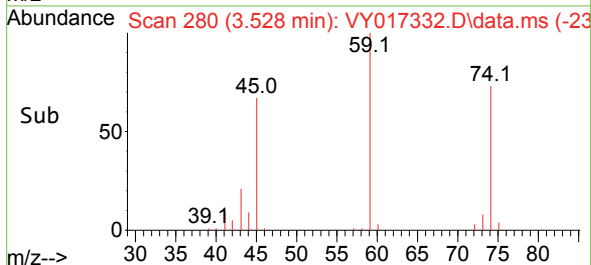
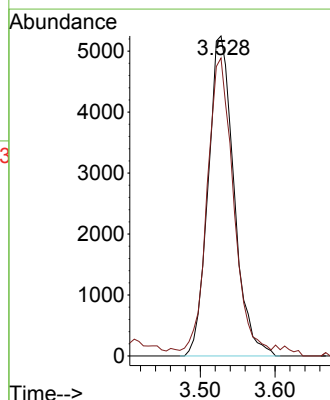
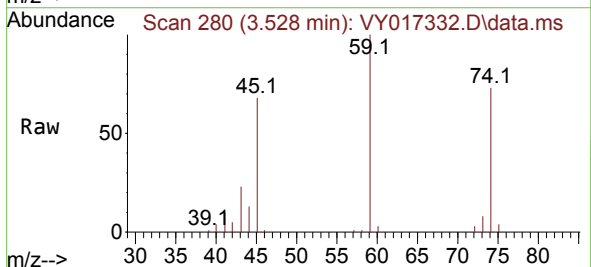
Instrument :
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 VY0209SBS01

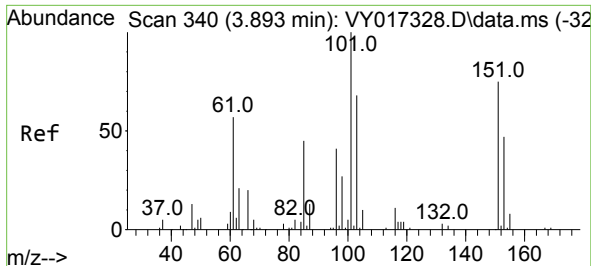
Tgt Ion:101 Resp: 44783
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.876 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY017332.D
 Acq: 09 Feb 2024 12:03

Tgt Ion: 74 Resp: 12634
 Ion Ratio Lower Upper
 74 100
 45 91.7 47.9 143.7

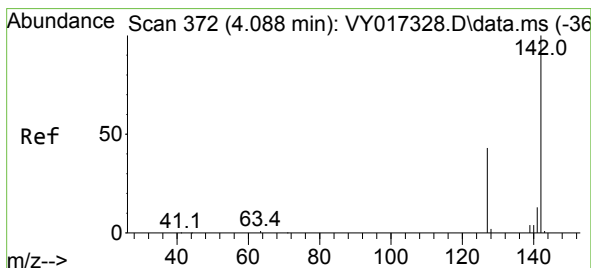
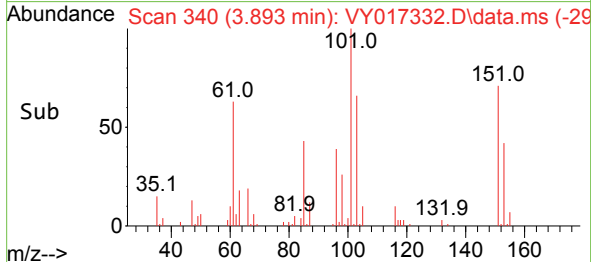
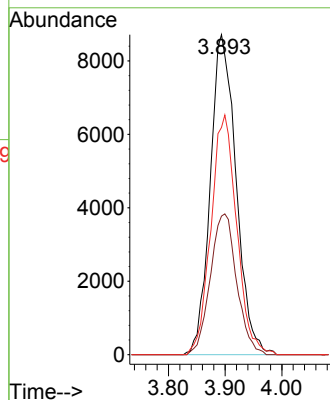
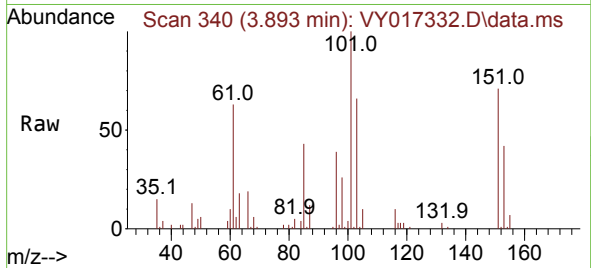




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.514 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

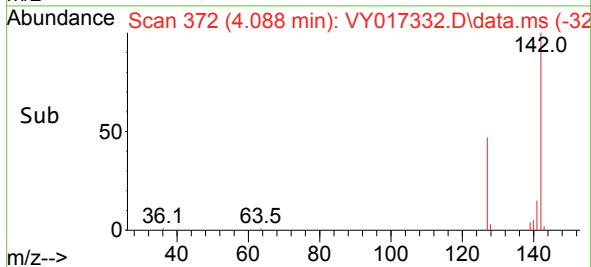
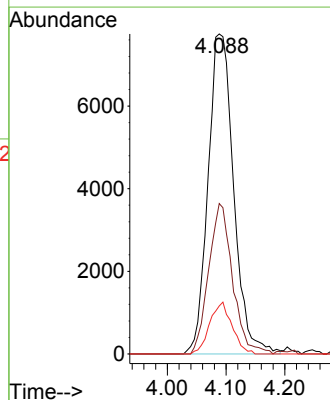
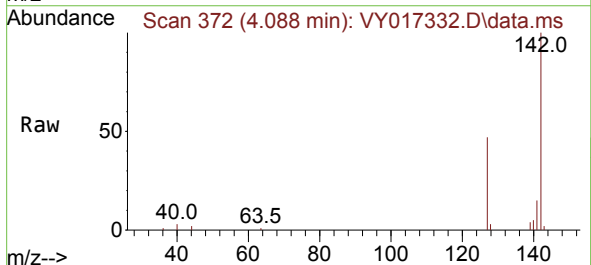
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

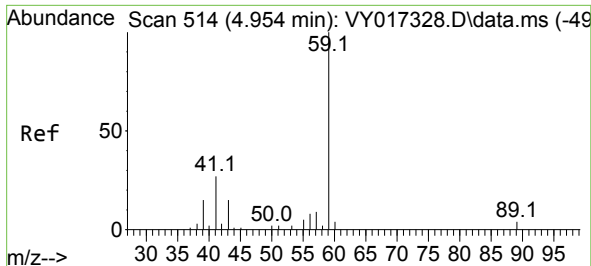
Tgt Ion:101 Resp: 27579
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 74.7 58.6 88.0



#10
Methyl Iodide
Concen: 18.217 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion:142 Resp: 23460
Ion Ratio Lower Upper
142 100
127 43.7 35.1 52.7
141 14.1 11.8 17.6

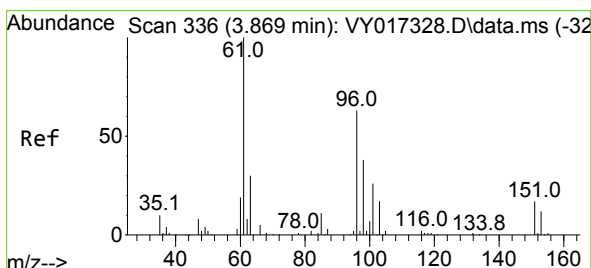
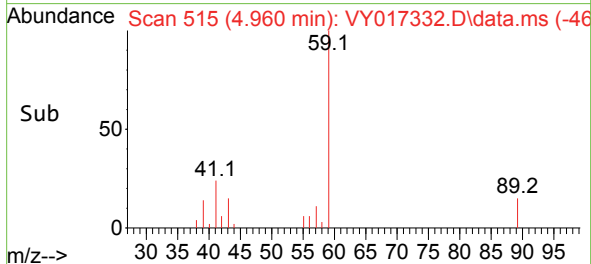
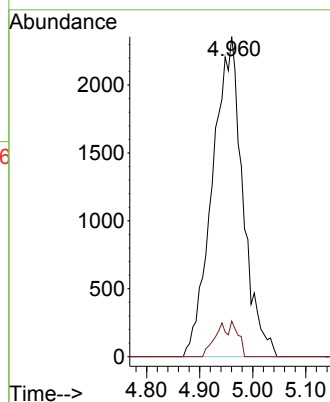
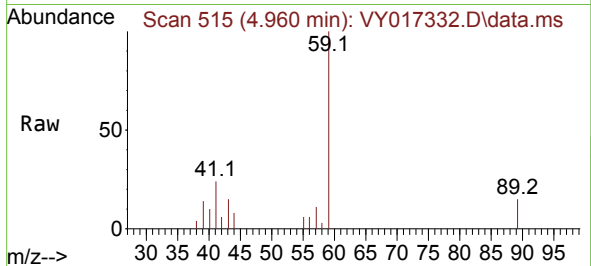




#11
Tert butyl alcohol
Concen: 94.927 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

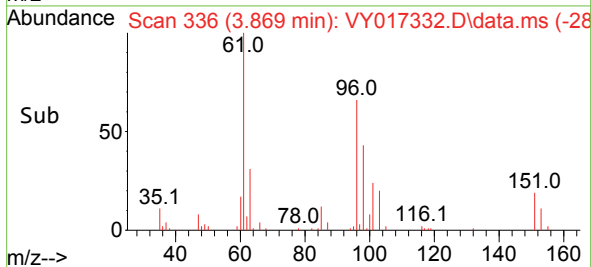
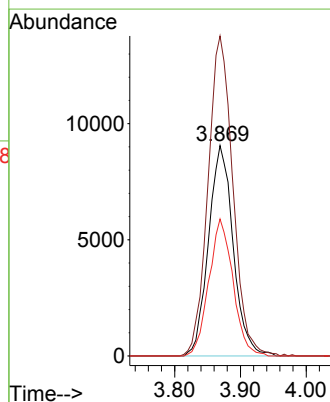
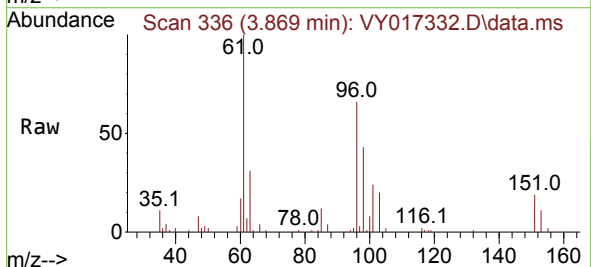
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

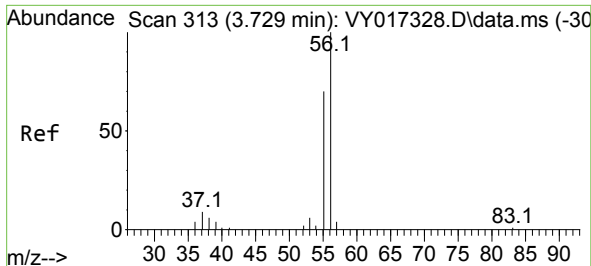
Tgt Ion: 59 Resp: 9363
Ion Ratio Lower Upper
59 100
57 3.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.628 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 96 Resp: 23678
Ion Ratio Lower Upper
96 100
61 152.1 124.2 186.2
98 65.1 52.6 79.0





#13

Acrolein

Concen: 85.884 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.011 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

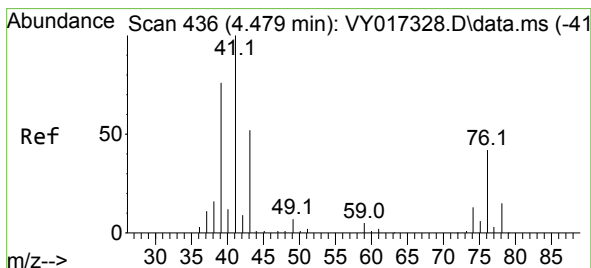
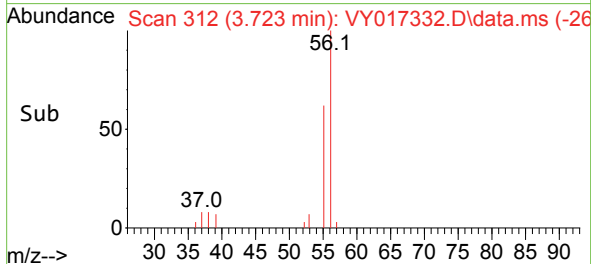
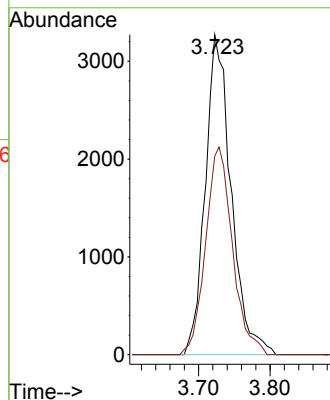
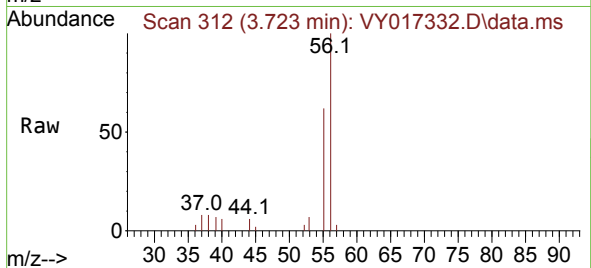
VY0209SBS01

Tgt Ion: 56 Resp: 8202

Ion Ratio Lower Upper

56 100

55 67.6 55.4 83.0



#14

Allyl chloride

Concen: 20.229 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

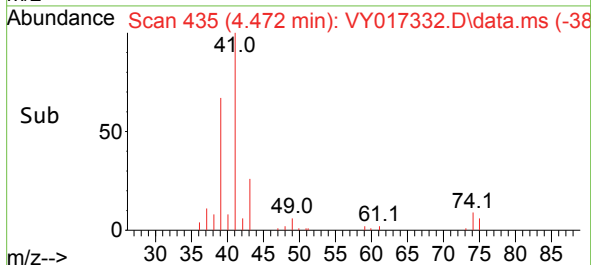
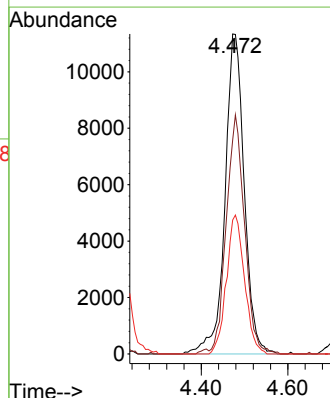
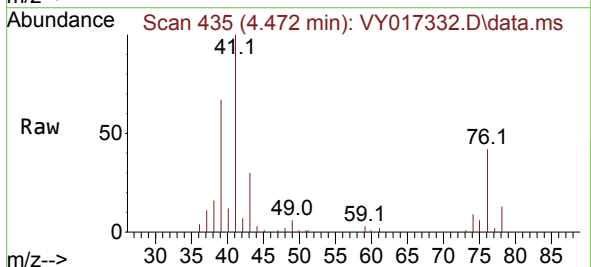
Tgt Ion: 41 Resp: 35103

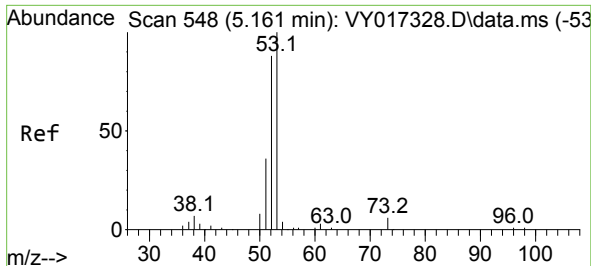
Ion Ratio Lower Upper

41 100

39 71.5 54.7 82.1

76 40.9 31.8 47.6

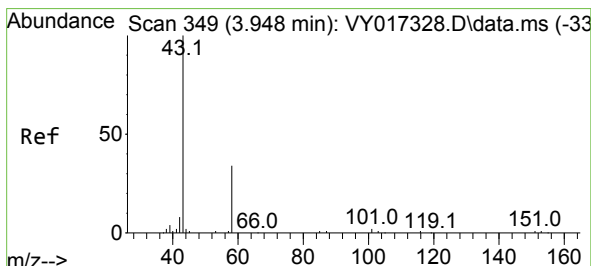
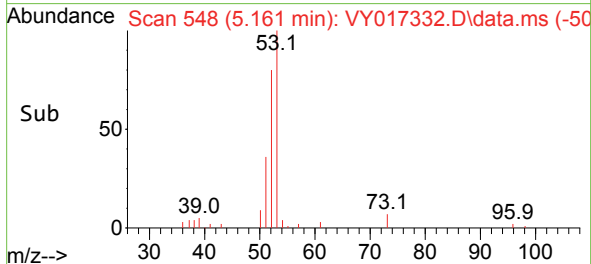
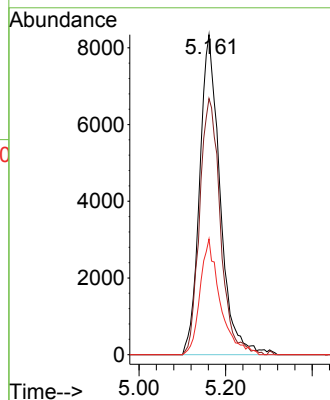
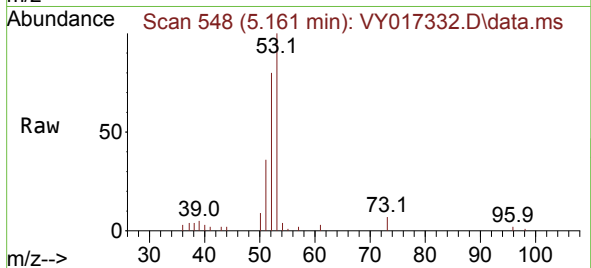




#15
Acrylonitrile
Concen: 95.547 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

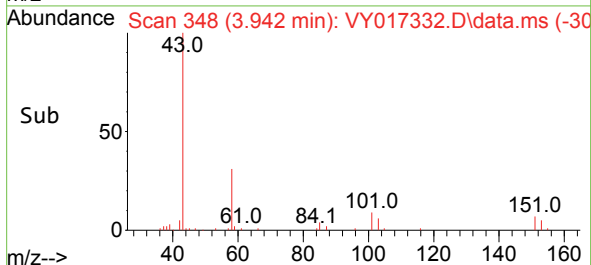
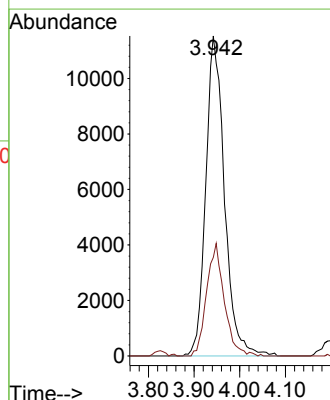
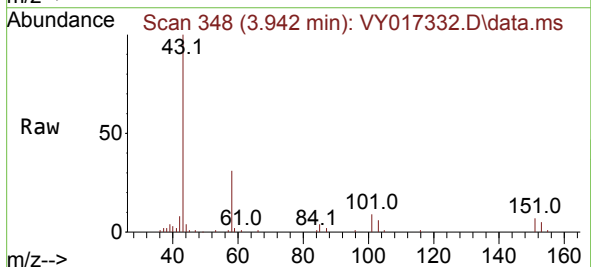
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

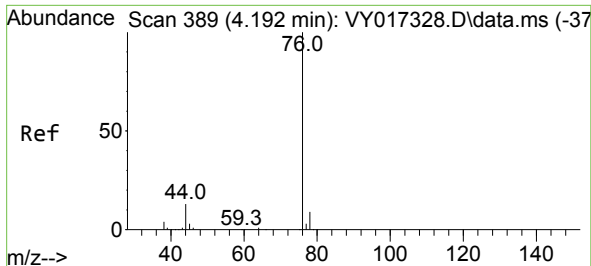
Tgt Ion:	53	Resp:	27345
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.1	97.7
51	35.6	29.0	43.4



#16
Acetone
Concen: 105.432 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion:	43	Resp:	32781
Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.6	39.8

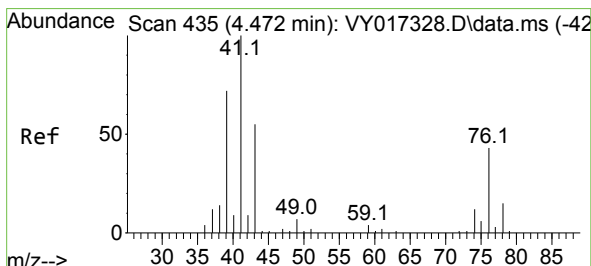
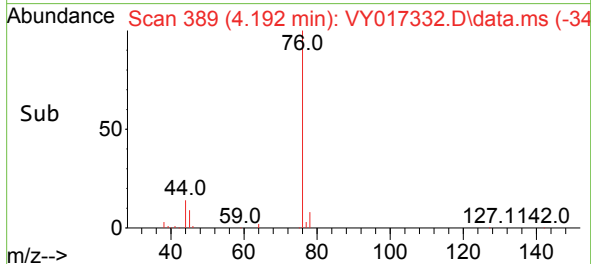
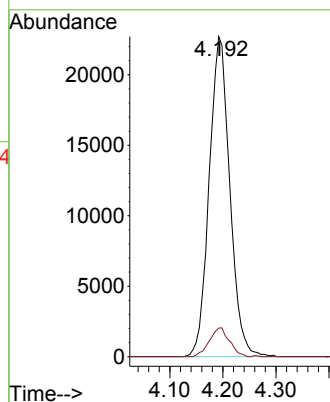
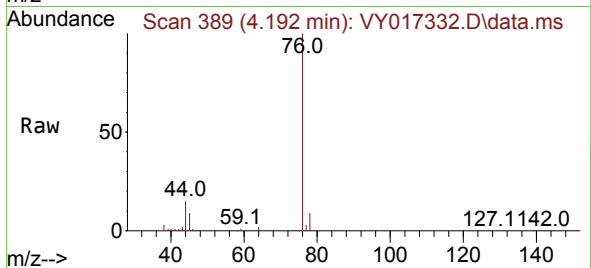




#17
Carbon Disulfide
Concen: 16.752 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.012 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

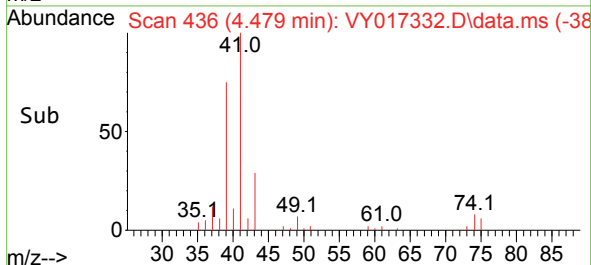
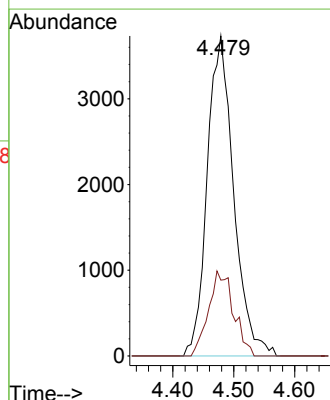
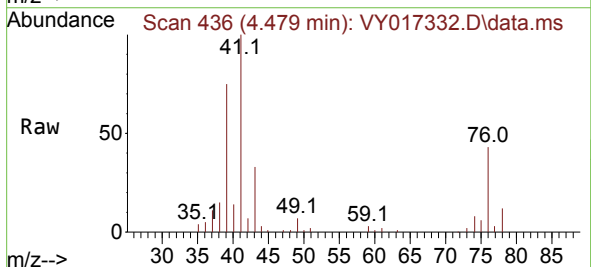
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

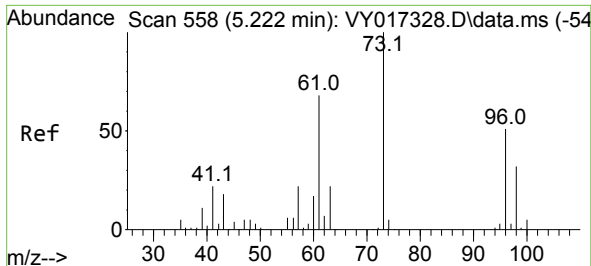
Tgt Ion: 76 Resp: 61379
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 16.264 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 43 Resp: 11281
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.076 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

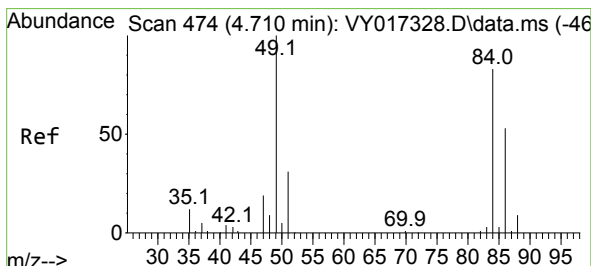
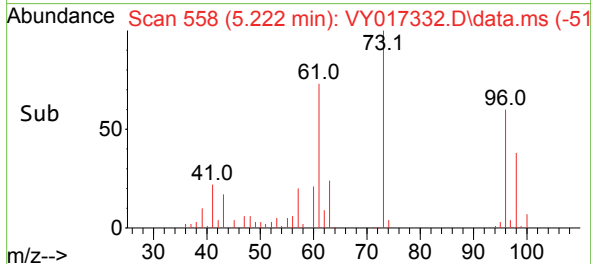
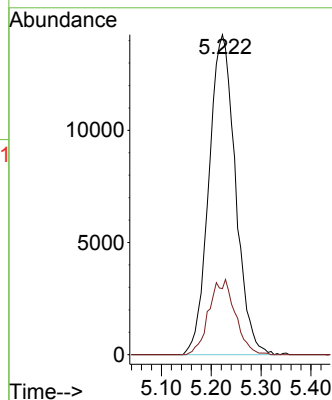
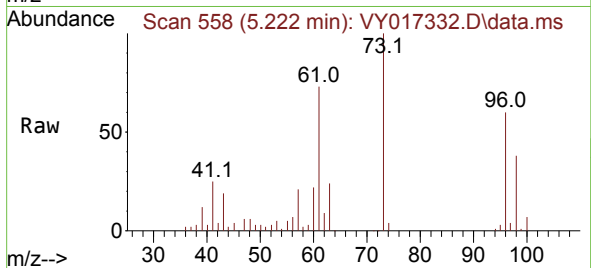
VY0209SBS01

Tgt Ion: 73 Resp: 52735

Ion Ratio Lower Upper

73 100

57 20.6 17.7 26.5



#20

Methylene Chloride

Concen: 21.321 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Tgt Ion: 84 Resp: 29709

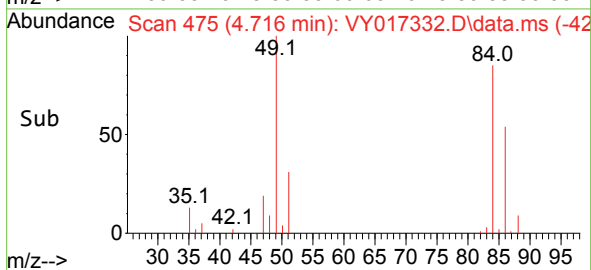
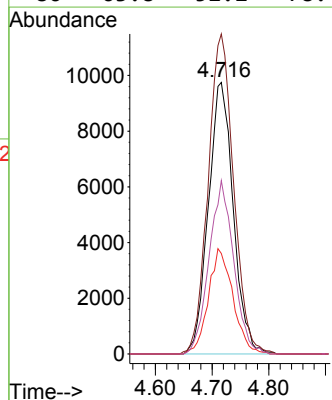
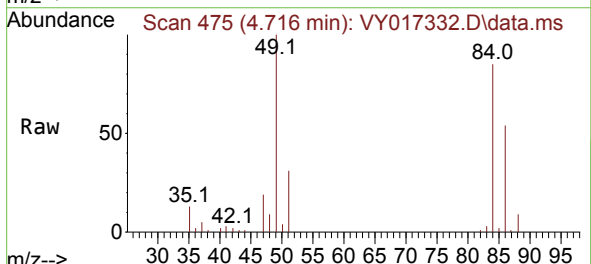
Ion Ratio Lower Upper

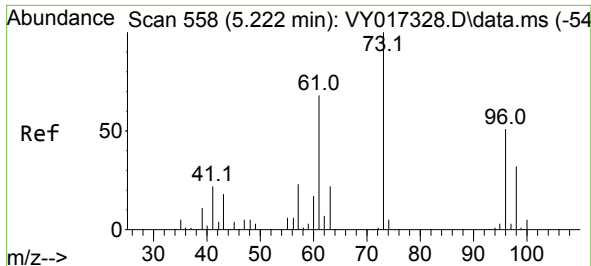
84 100

49 117.8 95.2 142.8

51 37.0 29.9 44.9

86 63.8 52.2 78.4

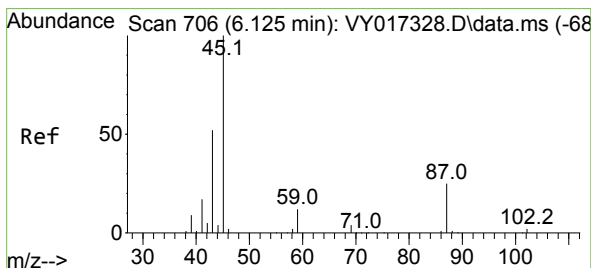
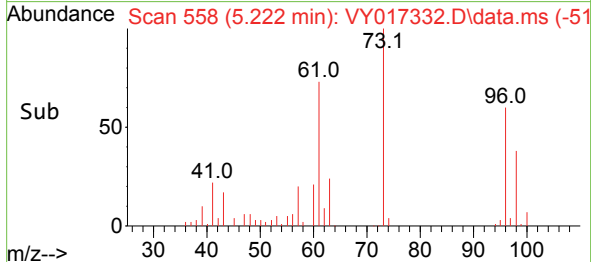
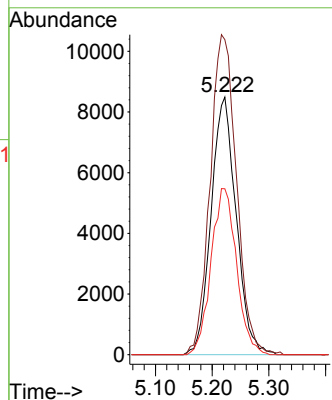
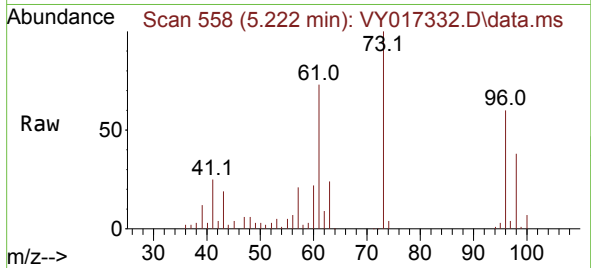




#21
trans-1,2-Dichloroethene
Concen: 19.962 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

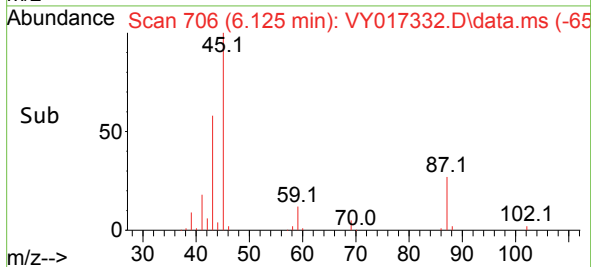
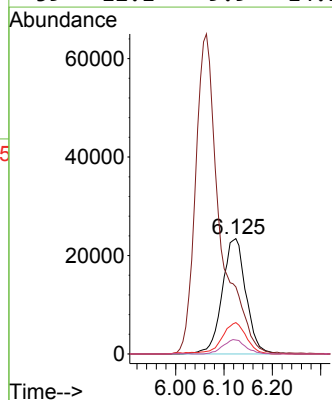
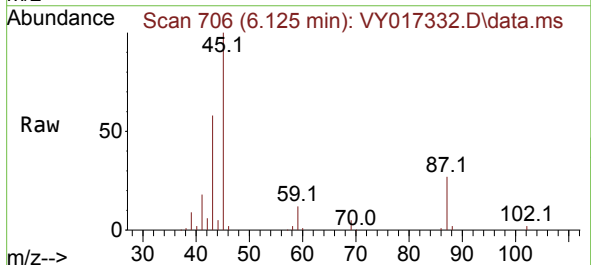
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

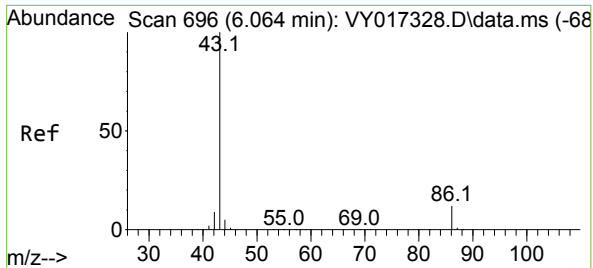
Tgt Ion: 96 Resp: 26066
Ion Ratio Lower Upper
96 100
61 122.3 104.6 156.8
98 64.4 50.9 76.3



#22
Diisopropyl ether
Concen: 20.885 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 45 Resp: 79587
Ion Ratio Lower Upper
45 100
43 57.1 46.8 70.2
87 27.1 22.2 33.2
59 12.1 9.9 14.9

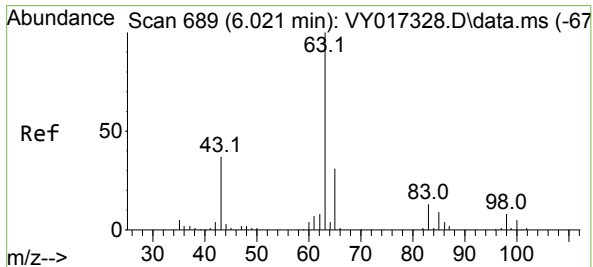
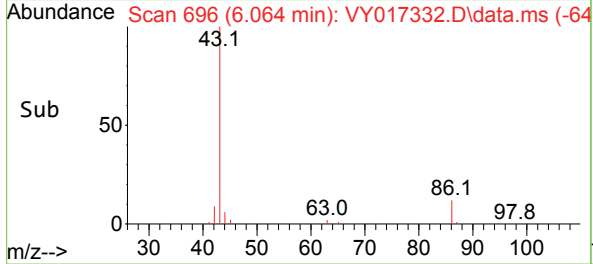
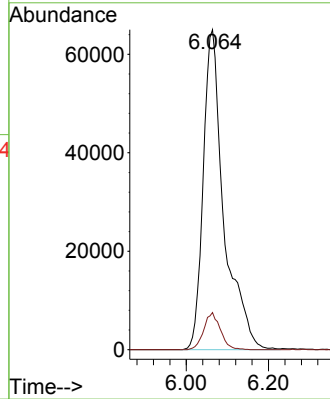
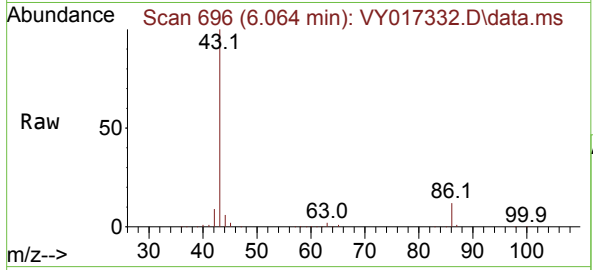




#23
Vinyl Acetate
Concen: 98.324 ug/l
RT: 6.064 min Scan# 696
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

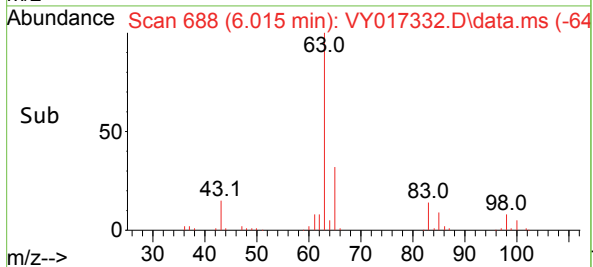
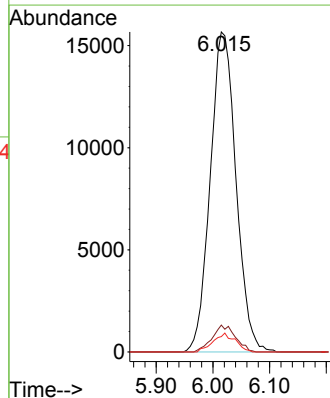
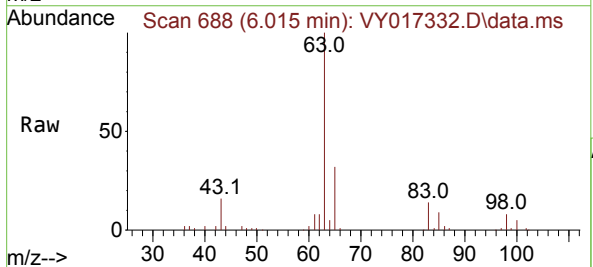
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

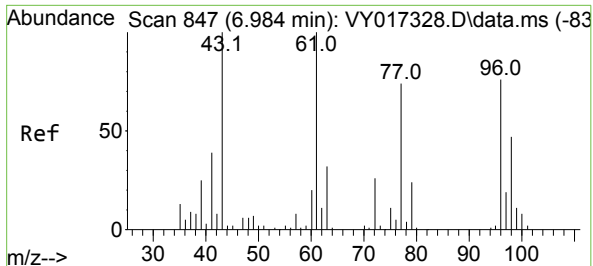
Tgt Ion: 43 Resp: 227028
Ion Ratio Lower Upper
43 100
86 11.6 8.6 13.0



#24
1,1-Dichloroethane
Concen: 21.193 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.012 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 63 Resp: 49474
Ion Ratio Lower Upper
63 100
98 8.4 3.8 11.4
100 4.8 2.1 6.2





#25

2-Butanone

Concen: 94.650 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

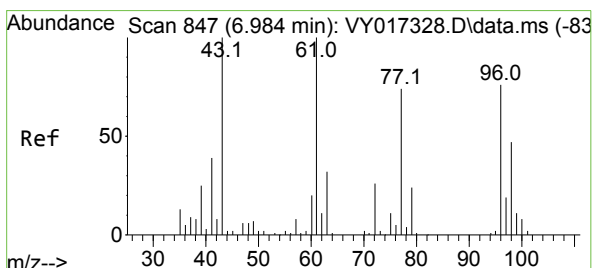
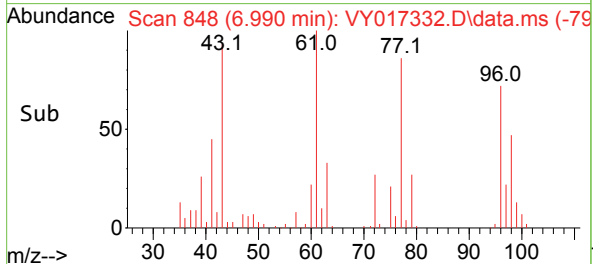
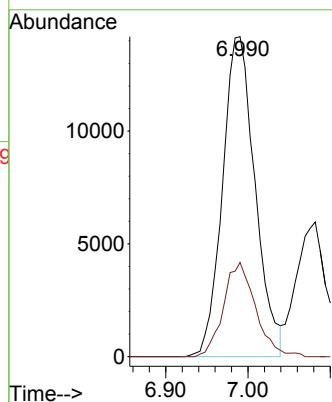
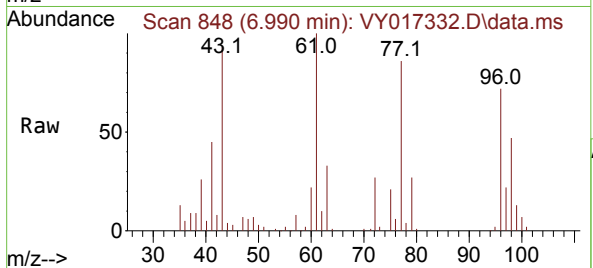
VY0209SBS01

Tgt Ion: 43 Resp: 39122

Ion Ratio Lower Upper

43 100

72 29.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.236 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017332.D

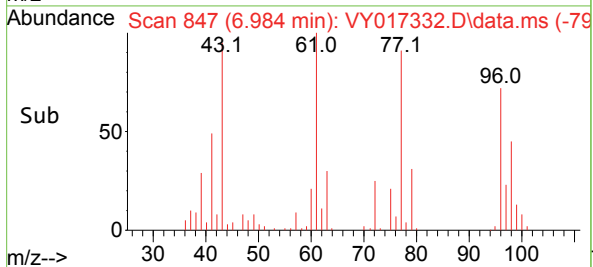
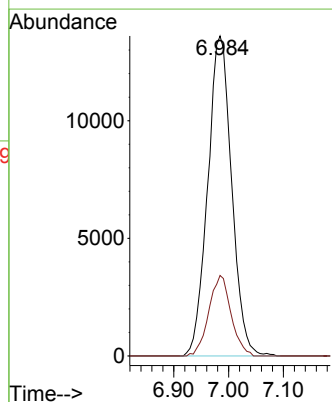
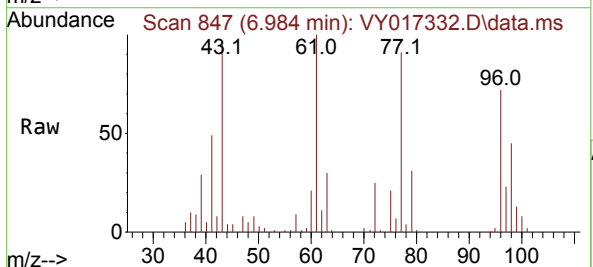
Acq: 09 Feb 2024 12:03

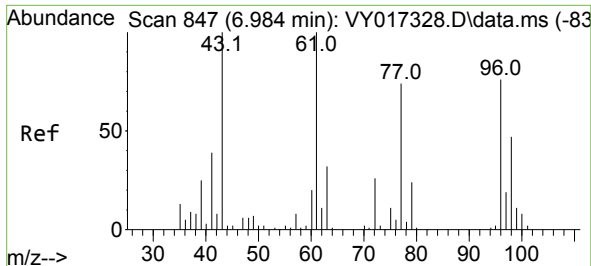
Tgt Ion: 77 Resp: 41234

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.825 ug/l

RT: 6.990 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

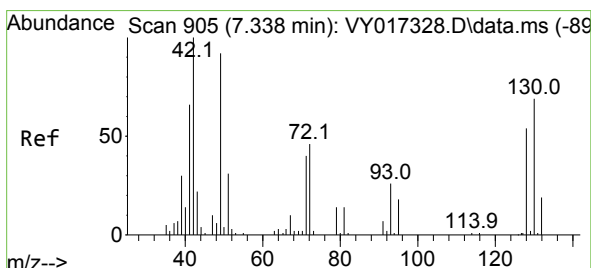
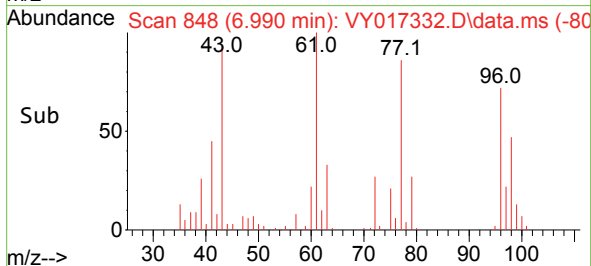
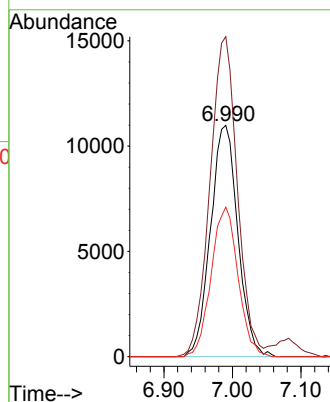
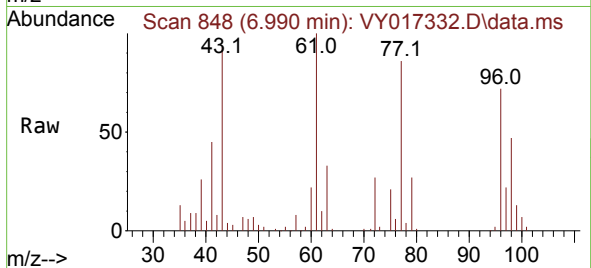
Tgt Ion: 96 Resp: 30414

Ion Ratio Lower Upper

96 100

61 138.4 0.0 278.8

98 63.7 0.0 127.0



#28

Bromochloromethane

Concen: 16.760 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

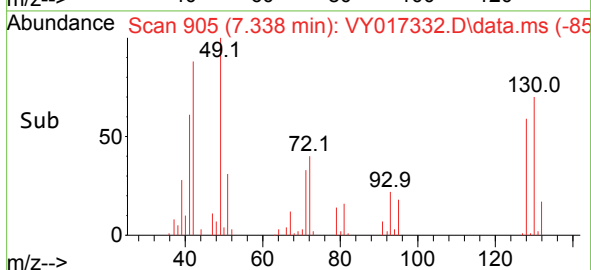
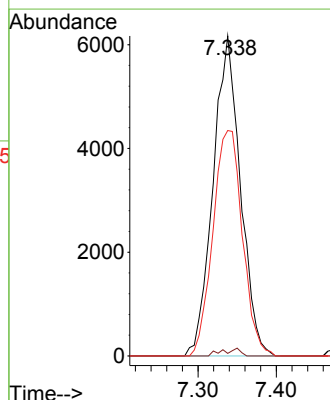
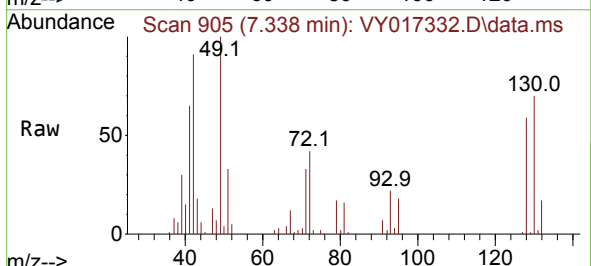
Tgt Ion: 49 Resp: 14981

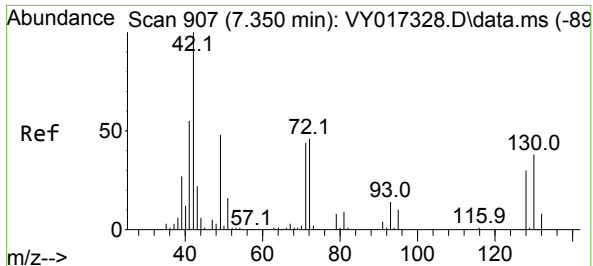
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 75.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 89.447 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

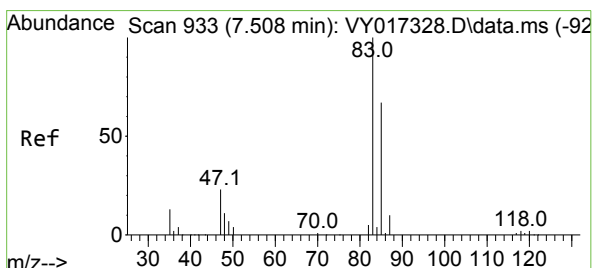
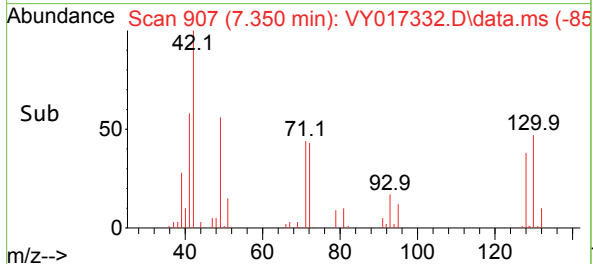
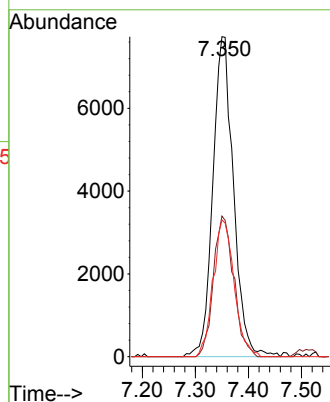
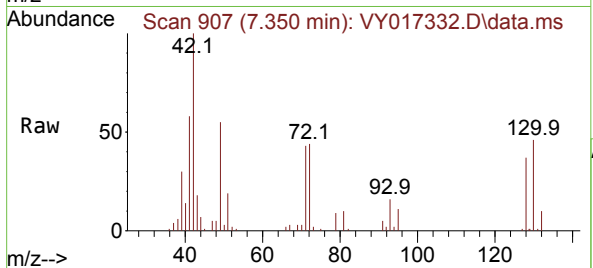
Tgt Ion: 42 Resp: 20885

Ion Ratio Lower Upper

42 100

72 43.3 36.6 54.8

71 43.4 33.8 50.6



#30

Chloroform

Concen: 21.581 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY017332.D

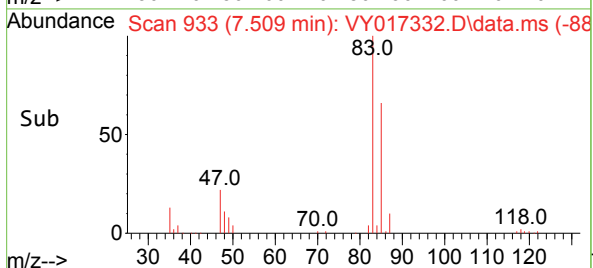
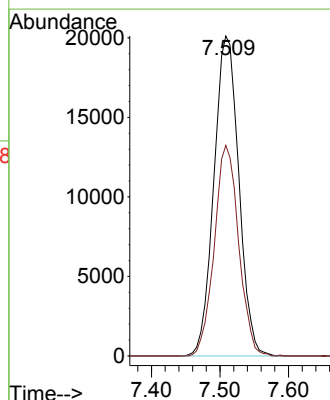
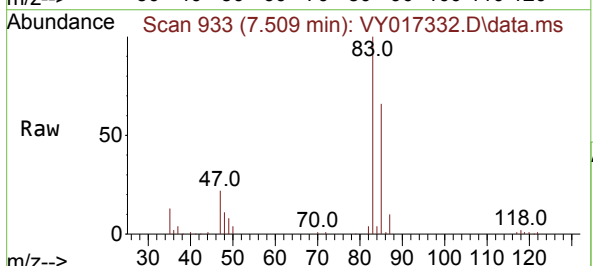
Acq: 09 Feb 2024 12:03

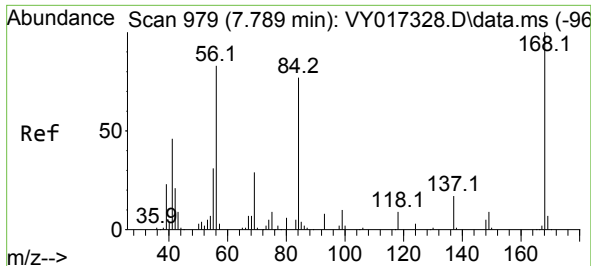
Tgt Ion: 83 Resp: 50680

Ion Ratio Lower Upper

83 100

85 65.8 51.2 76.8

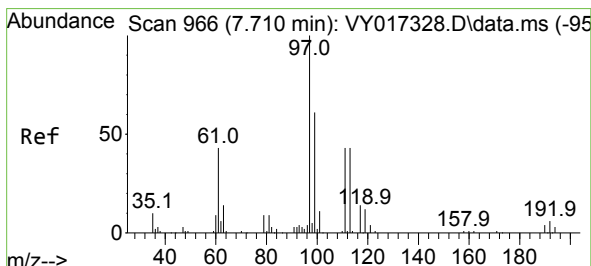
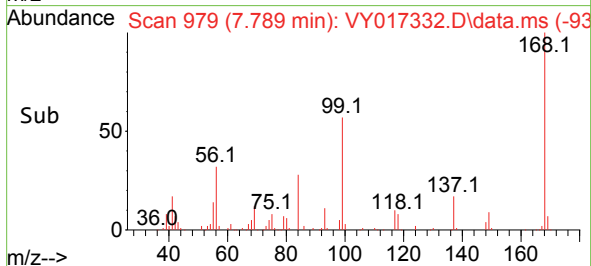
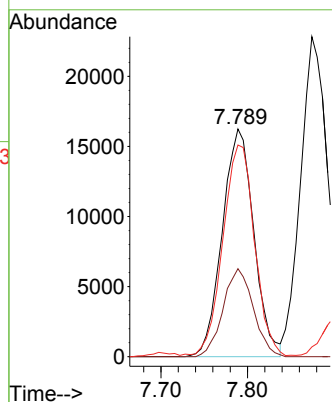
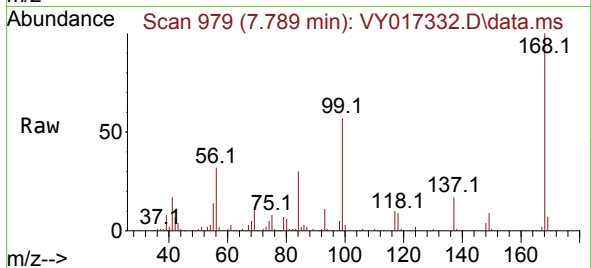




#31
Cyclohexane
Concen: 19.286 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

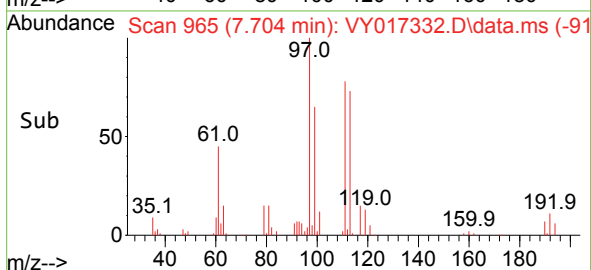
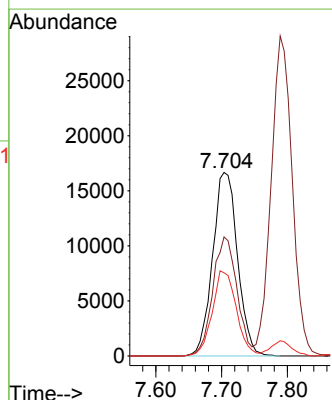
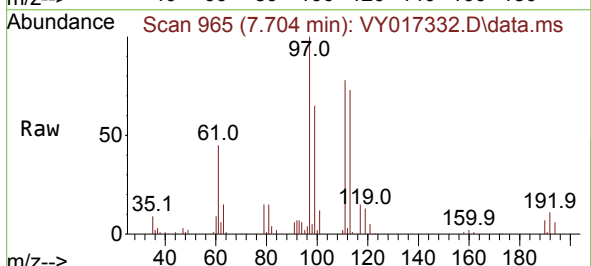
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

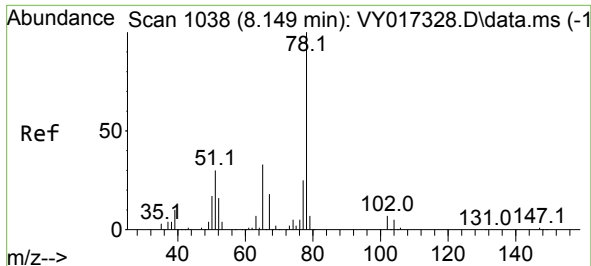
Tgt Ion: 56 Resp: 41122
Ion Ratio Lower Upper
56 100
69 38.7 27.0 40.6
84 92.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.755 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 97 Resp: 43945
Ion Ratio Lower Upper
97 100
99 62.9 51.2 76.8
61 44.8 35.0 52.6

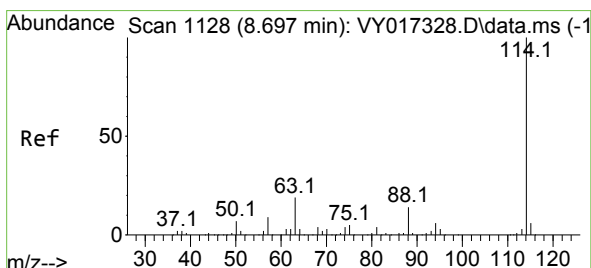
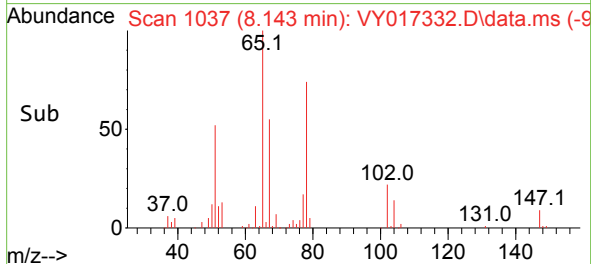
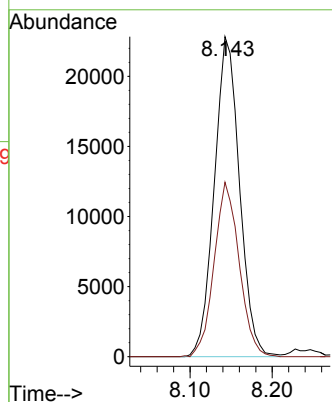
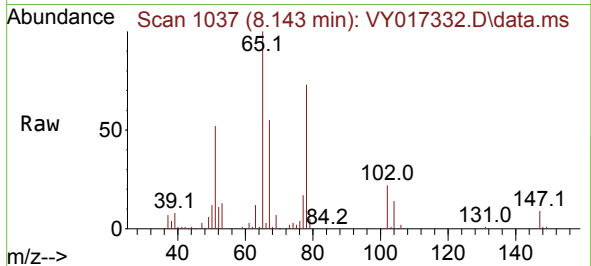




#33
 1,2-Dichloroethane-d4
 Concen: 46.053 ug/l
 RT: 8.143 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: VY017332.D
 Acq: 09 Feb 2024 12:03

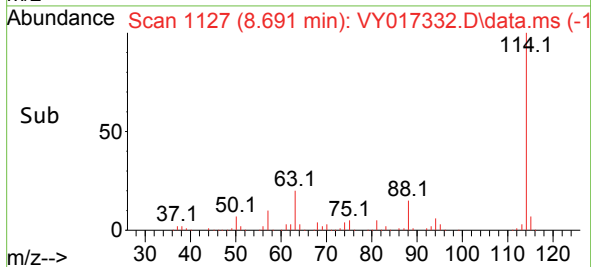
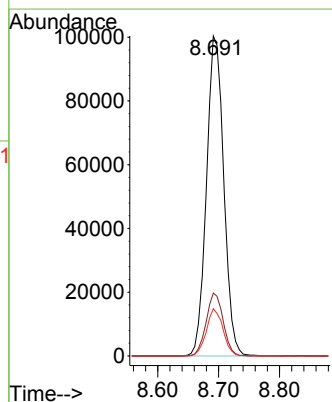
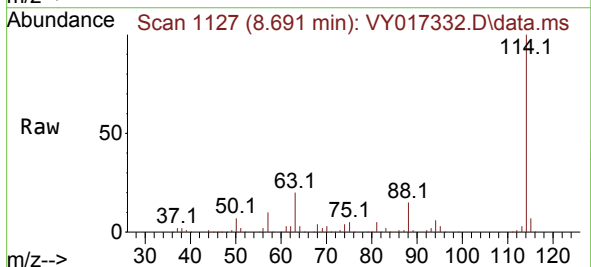
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

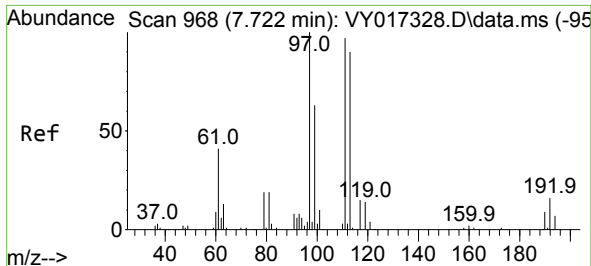
Tgt Ion: 65 Resp: 48718
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY017332.D
 Acq: 09 Feb 2024 12:03

Tgt Ion: 114 Resp: 197953
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.8 0.0 29.0

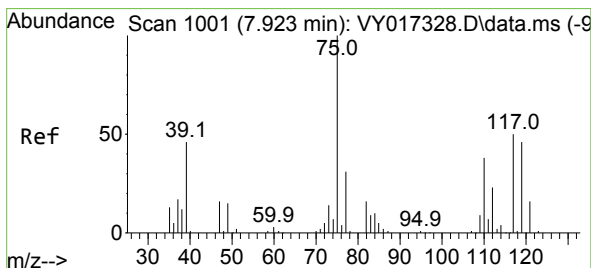
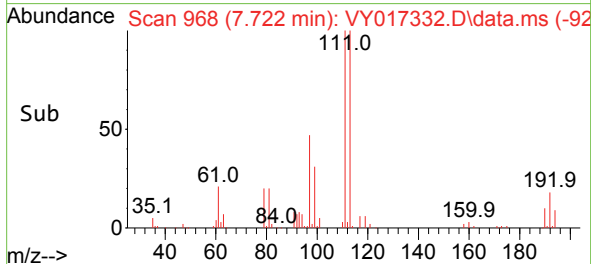
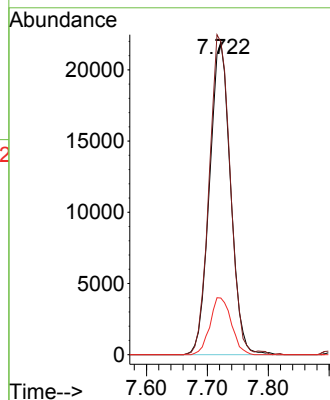
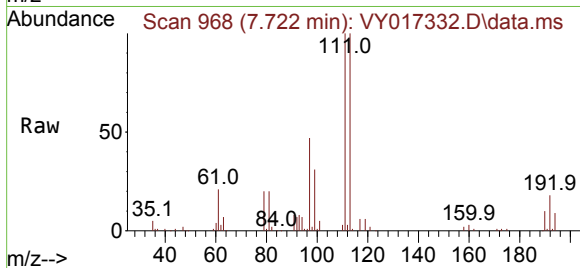




#35
Dibromofluoromethane
Concen: 49.137 ug/l
RT: 7.722 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

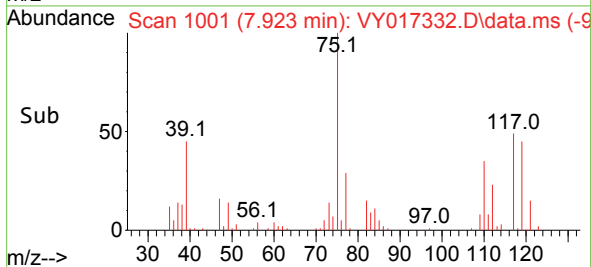
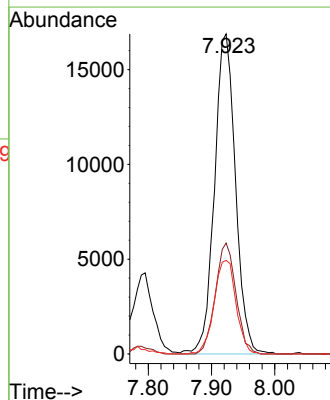
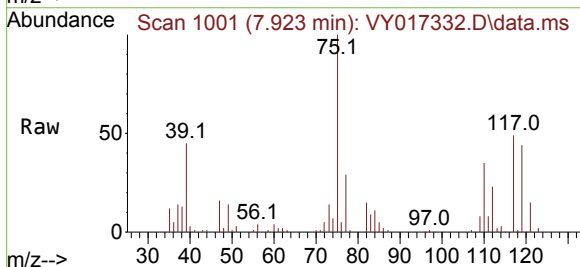
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

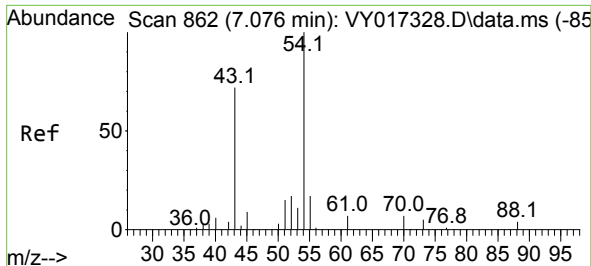
Tgt Ion:113 Resp: 52519
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.111 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 75 Resp: 38921
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.3
77 30.5 24.7 37.1

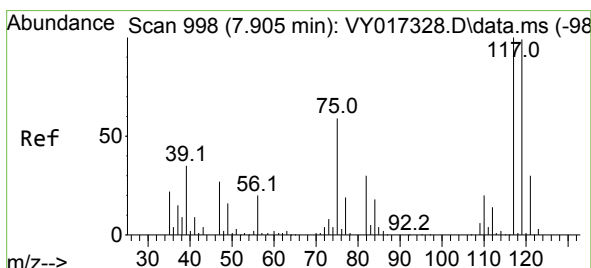
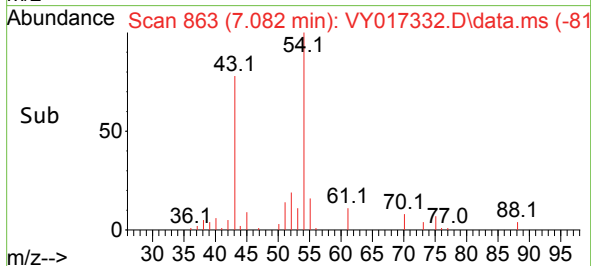
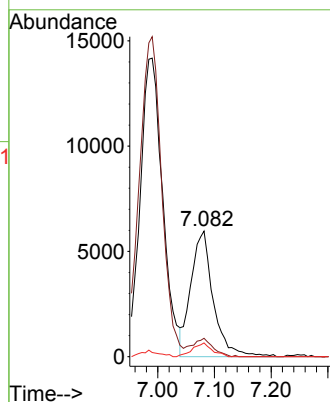
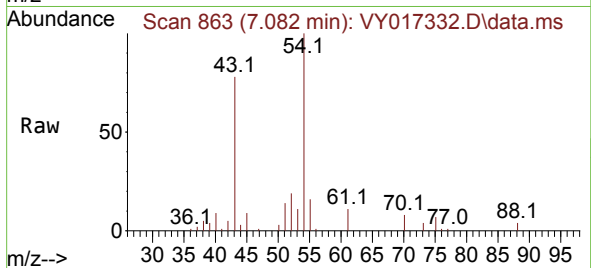




#37
Ethyl Acetate
Concen: 19.146 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

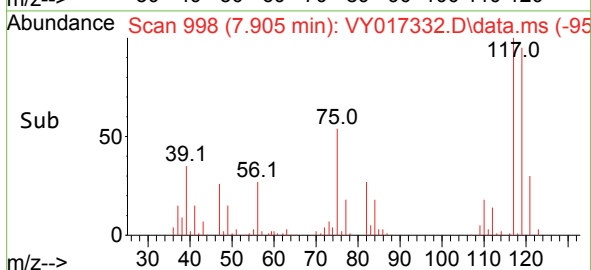
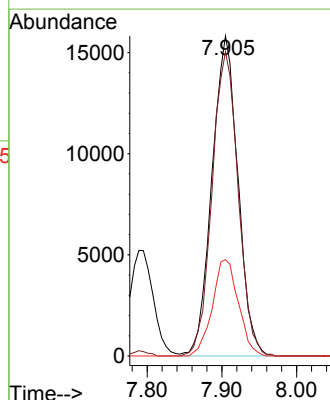
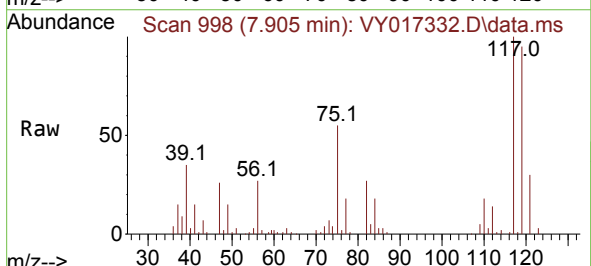
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

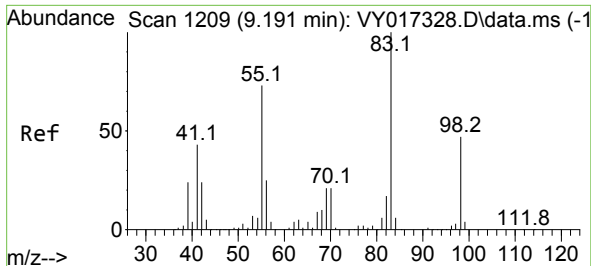
Tgt Ion: 43 Resp: 16372
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.6
70 9.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 21.636 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 117 Resp: 38193
Ion Ratio Lower Upper
117 100
119 95.1 76.0 114.0
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 19.932 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

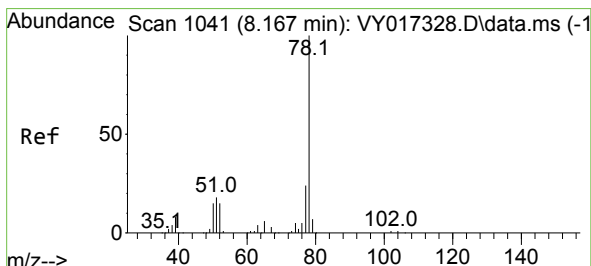
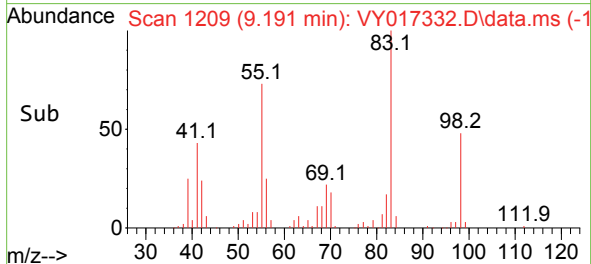
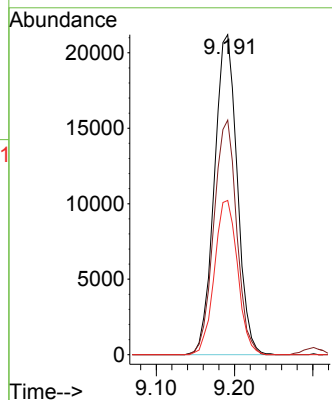
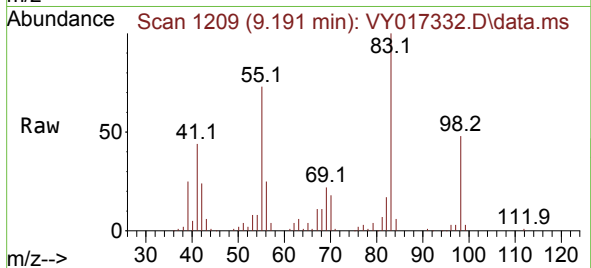
Tgt Ion: 83 Resp: 42931

Ion Ratio Lower Upper

83 100

55 73.3 59.7 89.5

98 48.2 38.0 57.0



#40

Benzene

Concen: 21.120 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017332.D

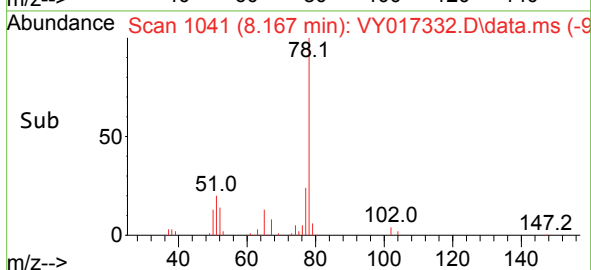
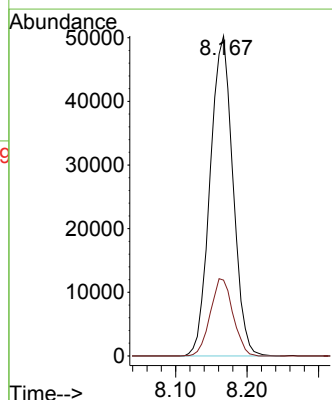
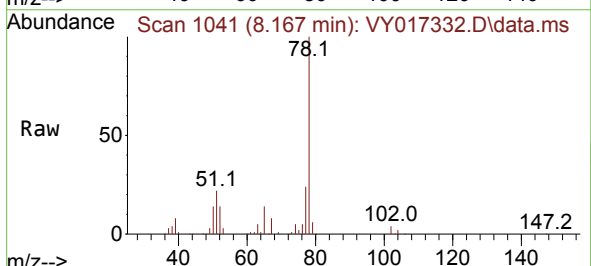
Acq: 09 Feb 2024 12:03

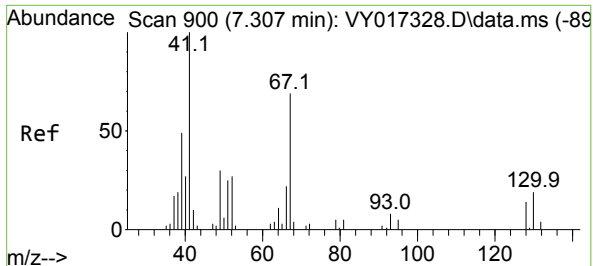
Tgt Ion: 78 Resp: 111193

Ion Ratio Lower Upper

78 100

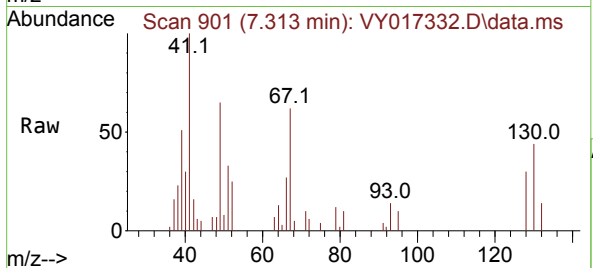
77 23.7 18.8 28.2



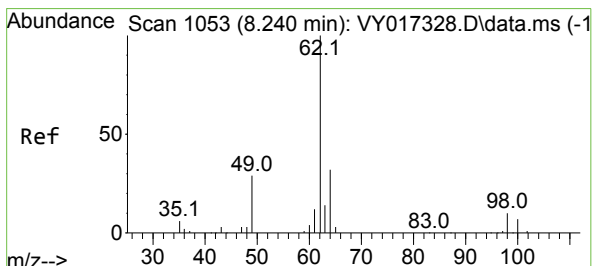
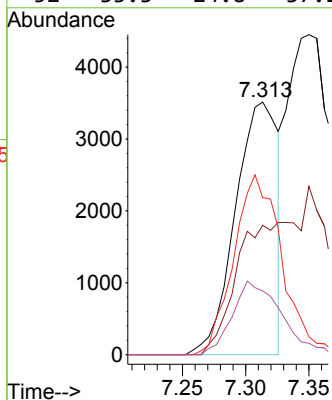
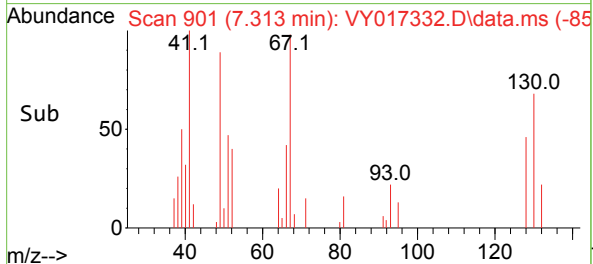


#41
Methacrylonitrile
Concen: 20.255 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

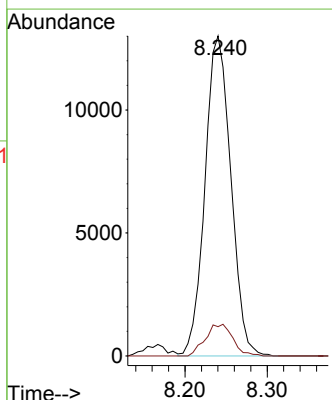
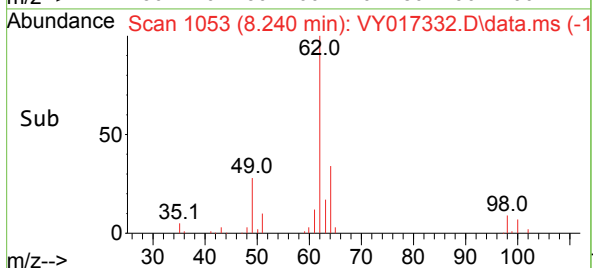
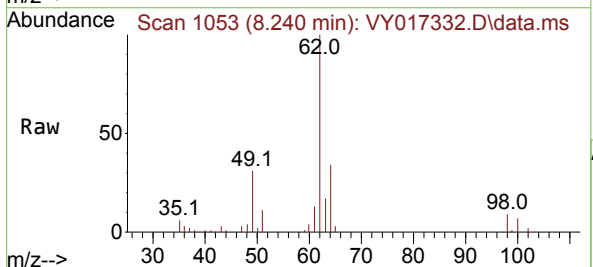


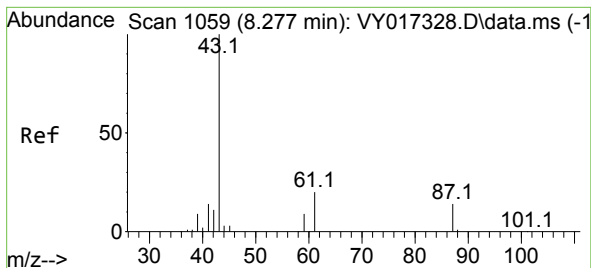
Tgt Ion: 41 Resp: 8206
Ion Ratio Lower Upper
41 100
39 0.0 41.9 62.9#
67 80.6 59.8 89.6
52 33.3 24.8 37.2



#42
1,2-Dichloroethane
Concen: 20.434 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 62 Resp: 28484
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 18.708 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

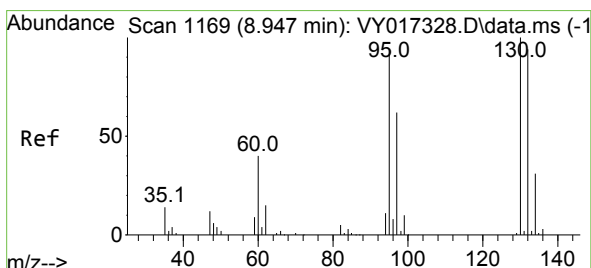
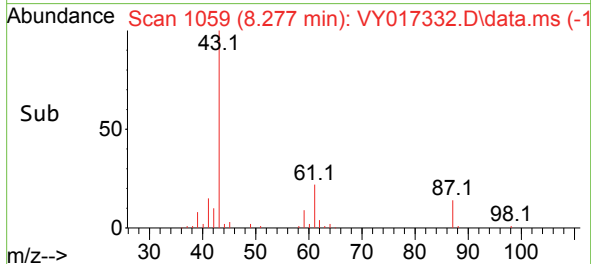
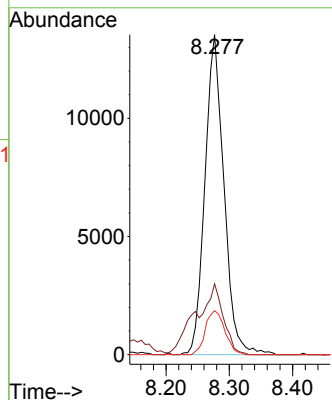
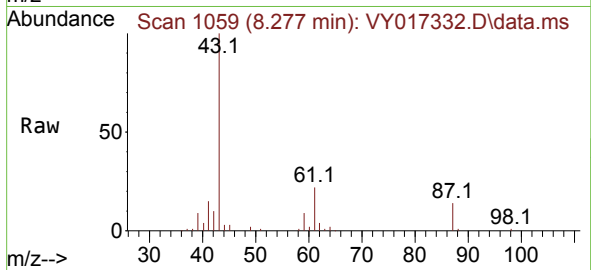
Tgt Ion: 43 Resp: 28319

Ion Ratio Lower Upper

43 100

61 20.7 24.8 37.2#

87 14.1 10.7 16.1



#44

Trichloroethene

Concen: 21.478 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VY017332.D

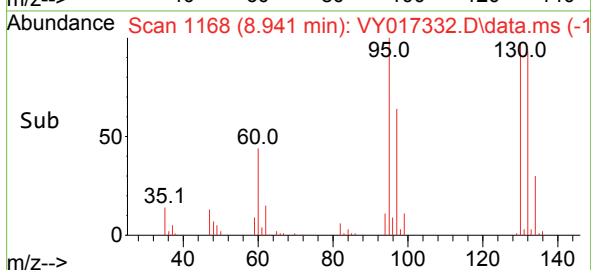
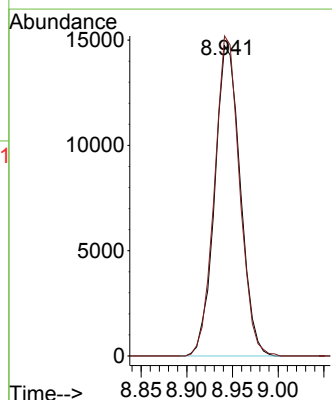
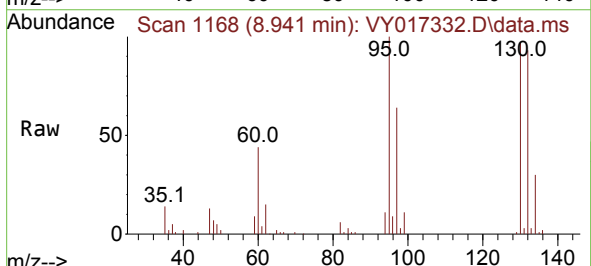
Acq: 09 Feb 2024 12:03

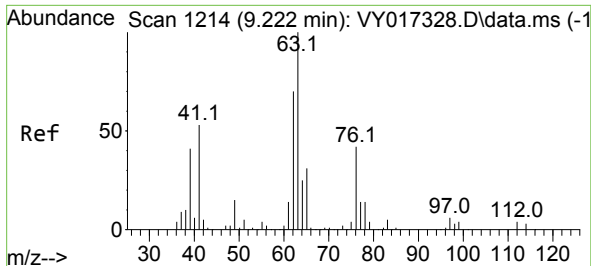
Tgt Ion:130 Resp: 28705

Ion Ratio Lower Upper

130 100

95 103.2 0.0 203.8

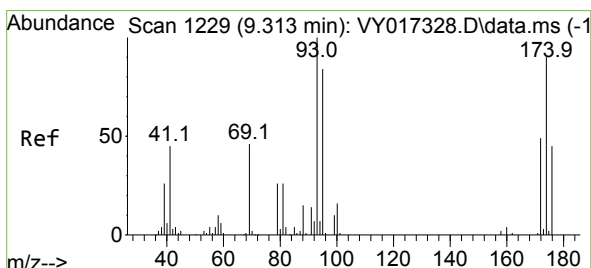
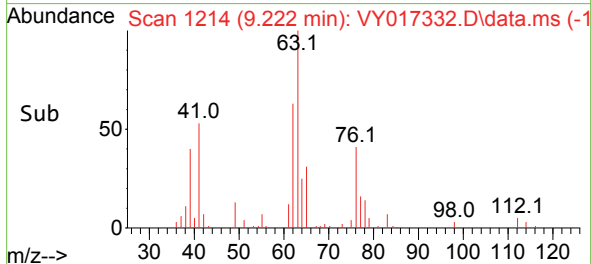
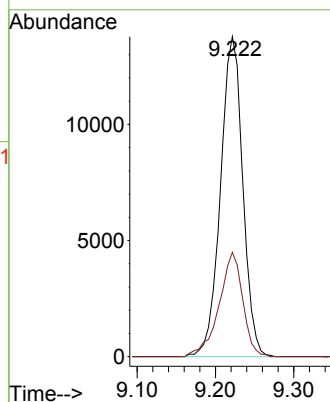
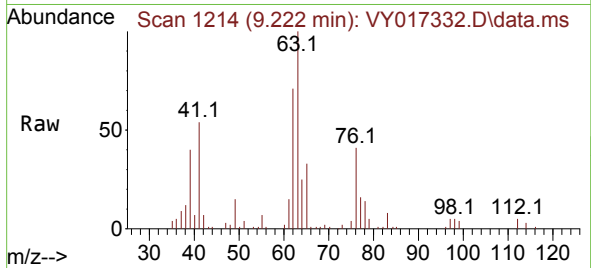




#45
1,2-Dichloropropane
Concen: 21.079 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

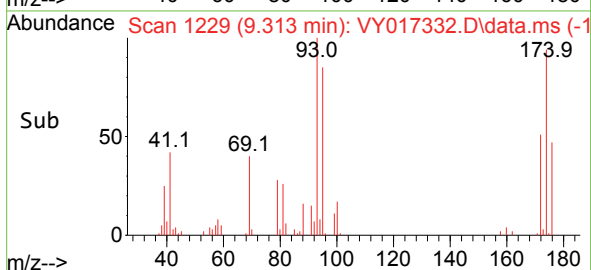
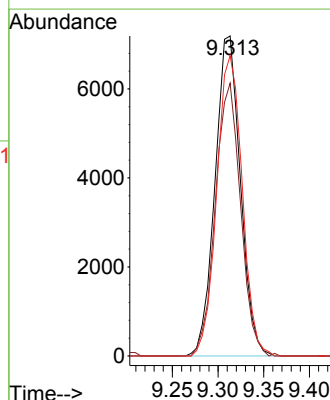
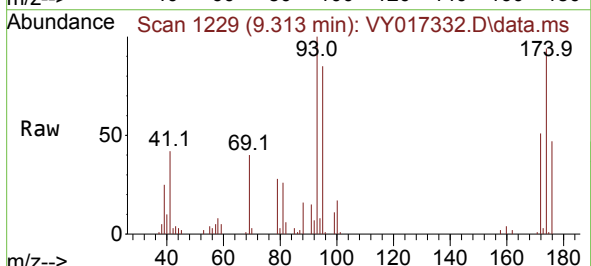
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

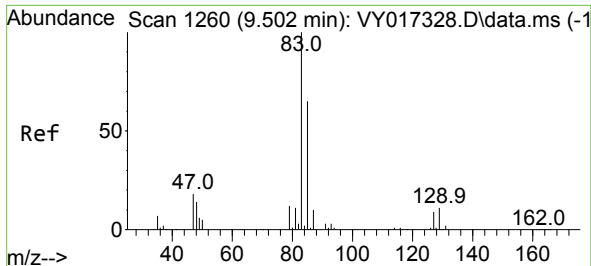
Tgt Ion: 63 Resp: 27259
Ion Ratio Lower Upper
63 100
65 32.6 24.6 36.8



#46
Dibromomethane
Concen: 19.912 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 93 Resp: 13910
Ion Ratio Lower Upper
93 100
95 84.6 66.6 99.8
174 94.0 73.8 110.6

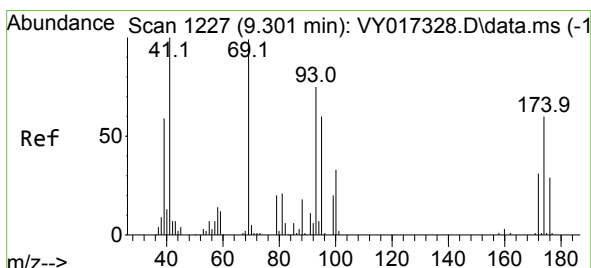
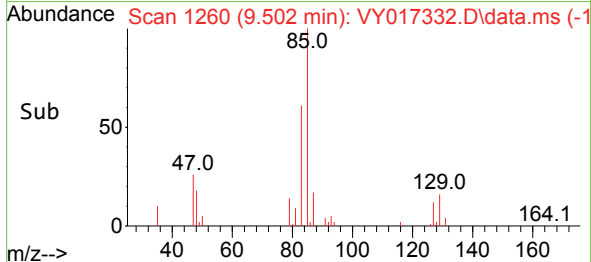
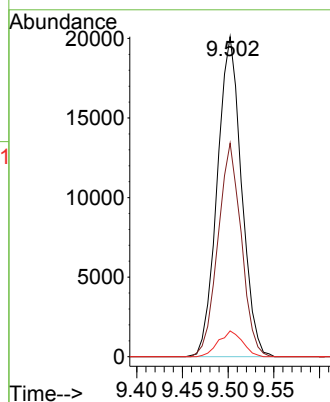
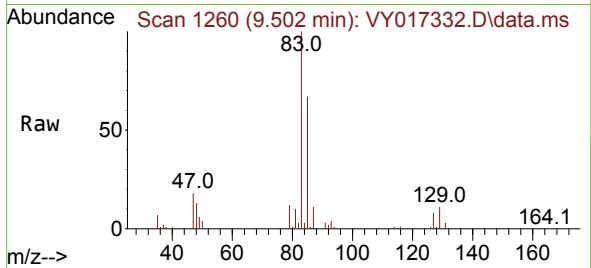




#47
Bromodichloromethane
Concen: 21.228 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

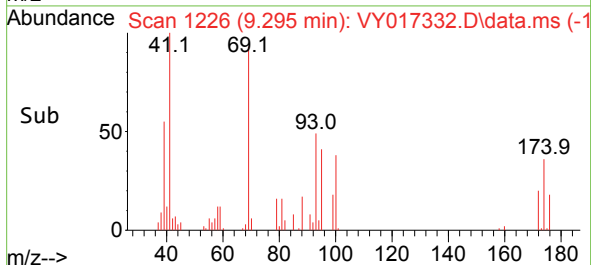
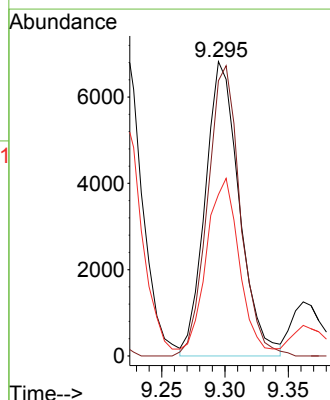
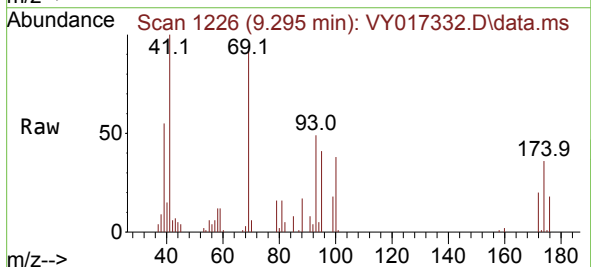
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

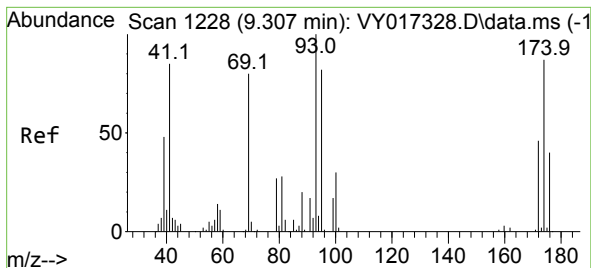
Tgt Ion: 83 Resp: 37111
Ion Ratio Lower Upper
83 100
85 66.7 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 18.031 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 41 Resp: 12802
Ion Ratio Lower Upper
41 100
69 94.4 72.1 108.1
39 54.5 42.8 64.2





#49

1,4-Dioxane

Concen: 393.505 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

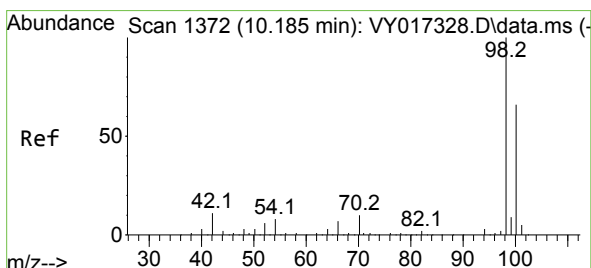
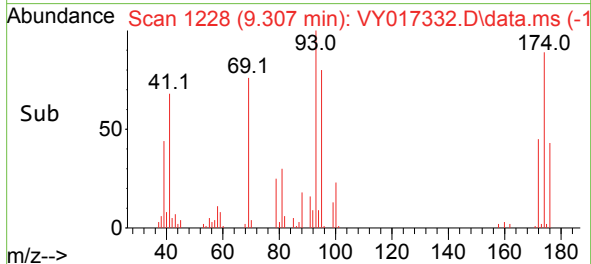
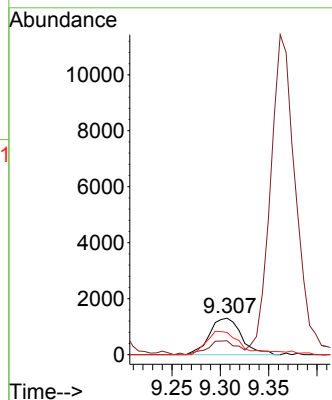
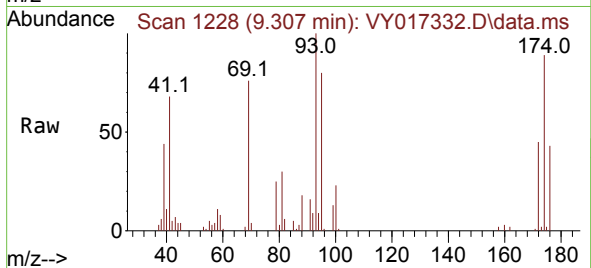
Tgt Ion: 88 Resp: 2992

Ion Ratio Lower Upper

88 100

43 34.7 28.2 42.4

58 73.5 52.2 78.2



#50

Toluene-d8

Concen: 49.983 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017332.D

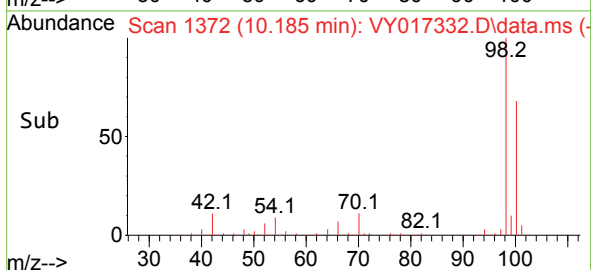
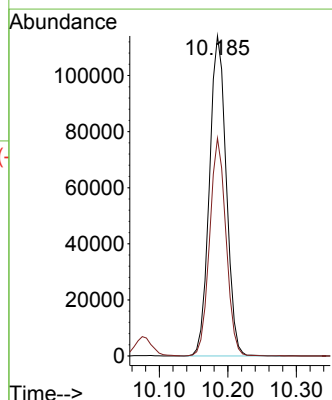
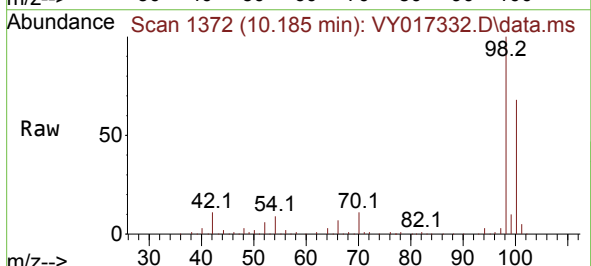
Acq: 09 Feb 2024 12:03

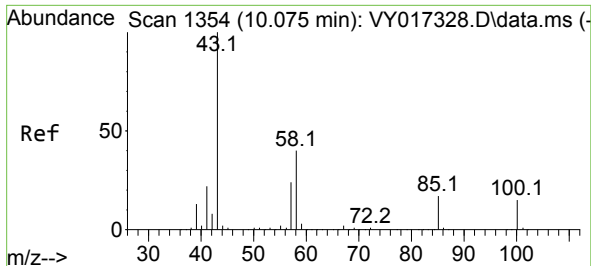
Tgt Ion: 98 Resp: 194509

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5

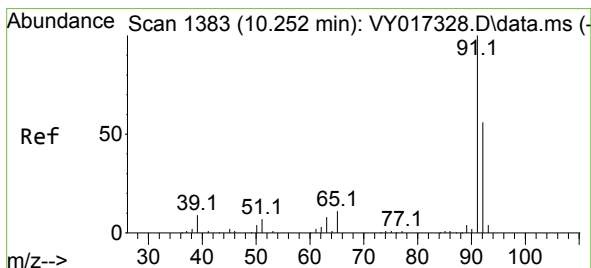
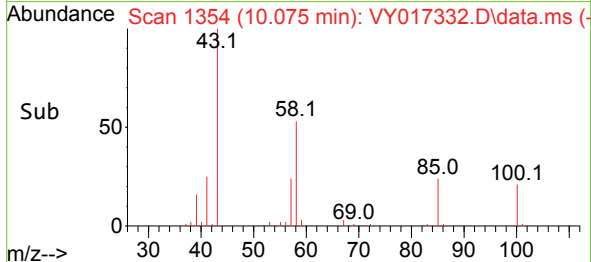
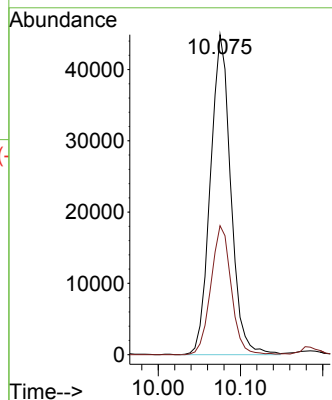
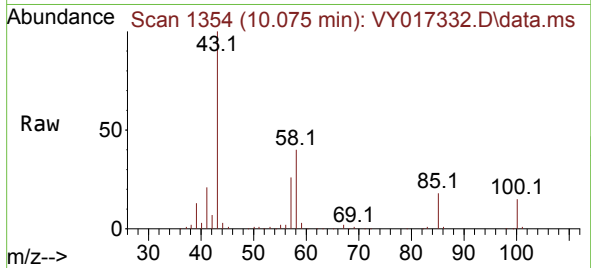




#51
4-Methyl-2-Pentanone
Concen: 95.370 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

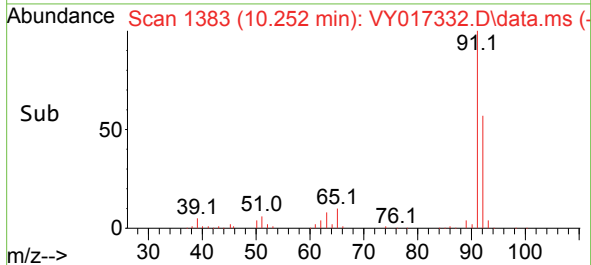
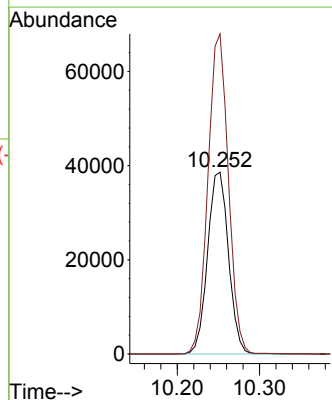
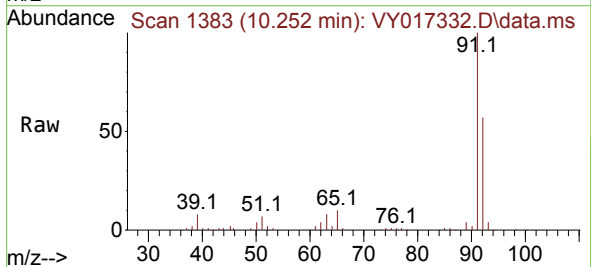
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

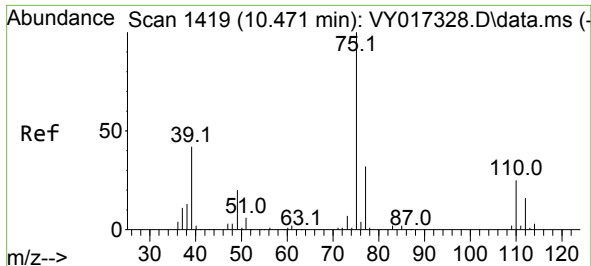
Tgt Ion: 43 Resp: 77385
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 21.472 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 92 Resp: 68237
Ion Ratio Lower Upper
92 100
91 172.1 137.6 206.4

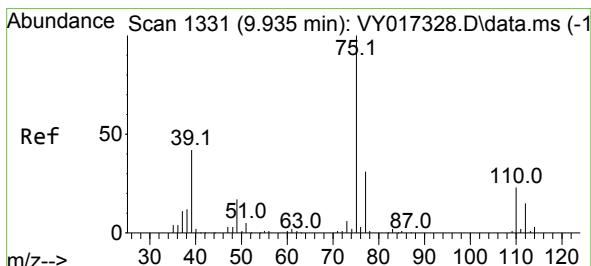
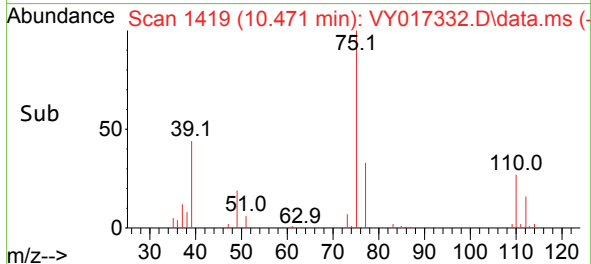
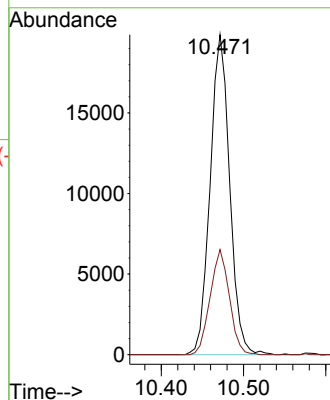
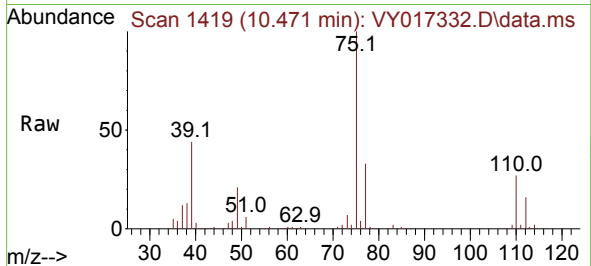




#53
t-1,3-Dichloropropene
Concen: 19.947 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

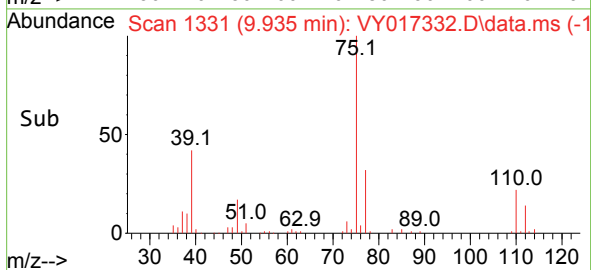
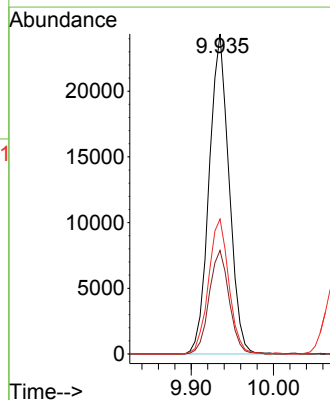
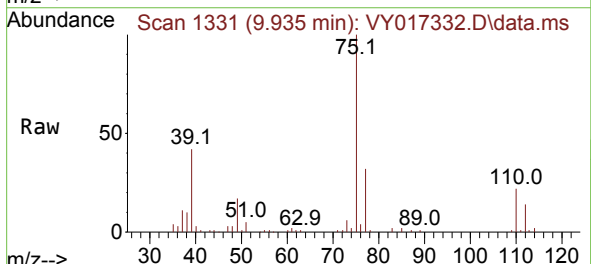
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

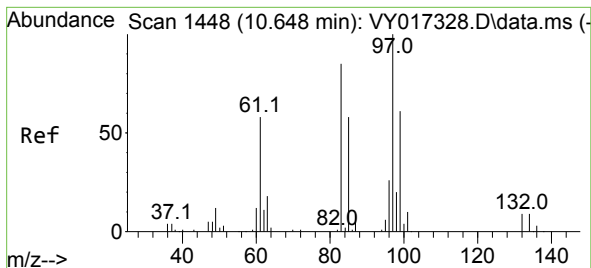
Tgt Ion: 75 Resp: 32756
Ion Ratio Lower Upper
75 100
77 32.9 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.790 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 75 Resp: 40892
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8
39 42.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 20.327 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

Tgt Ion: 97 Resp: 19319

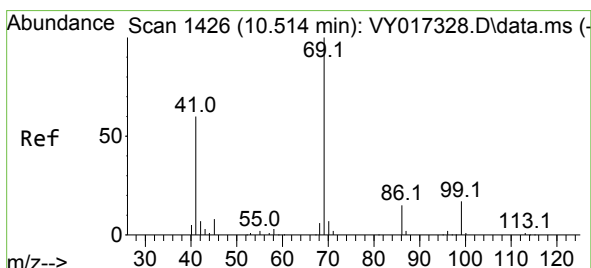
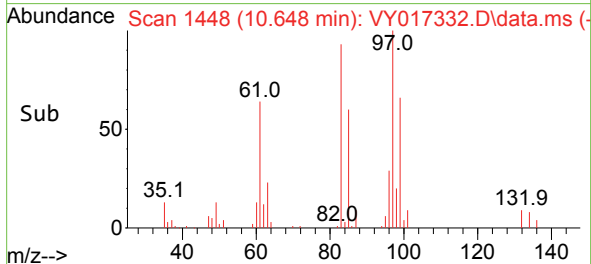
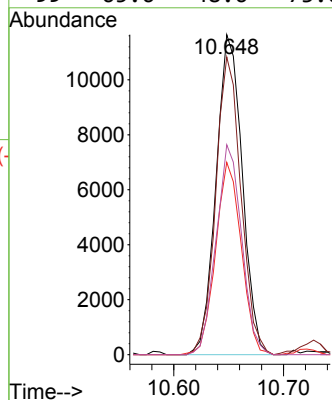
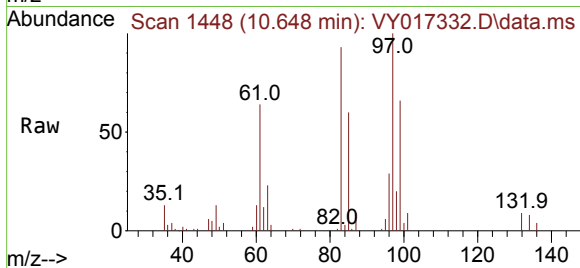
Ion Ratio Lower Upper

97 100

83 93.1 69.4 104.2

85 60.1 43.9 65.9

99 65.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.669 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

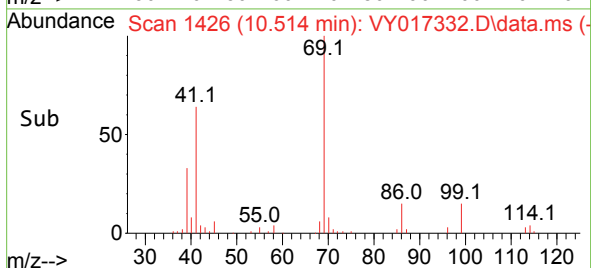
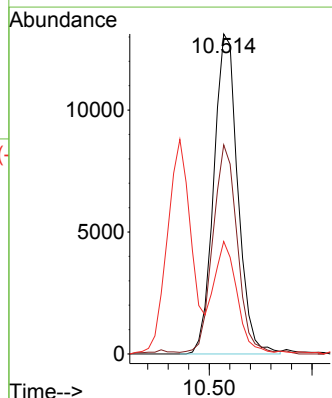
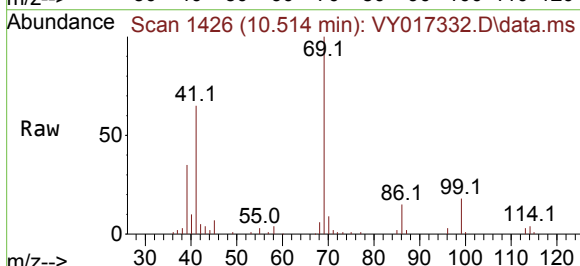
Tgt Ion: 69 Resp: 21312

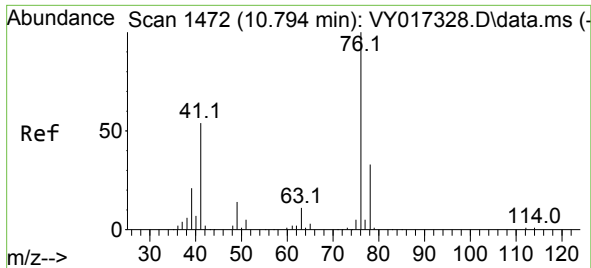
Ion Ratio Lower Upper

69 100

41 67.1 49.2 73.8

39 33.4 26.8 40.2





#57

1,3-Dichloropropane

Concen: 20.663 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

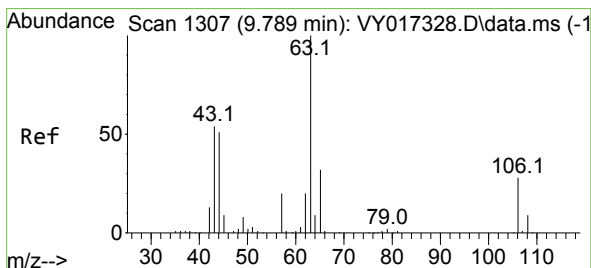
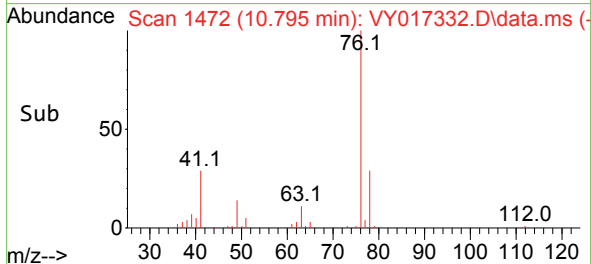
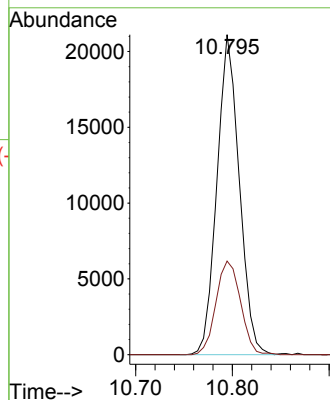
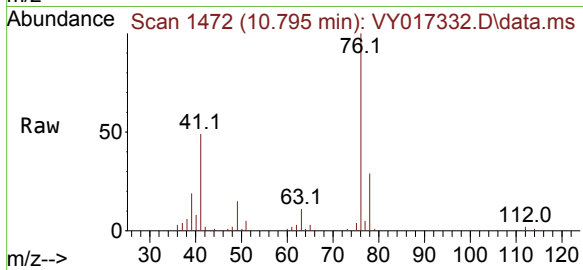
VY0209SBS01

Tgt Ion: 76 Resp: 33779

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.269 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017332.D

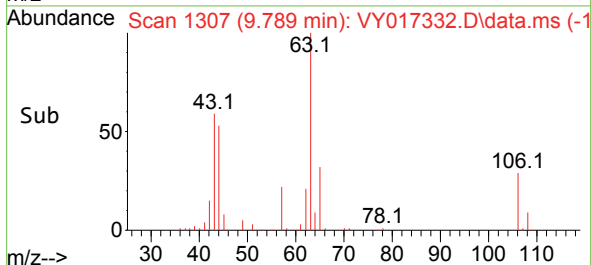
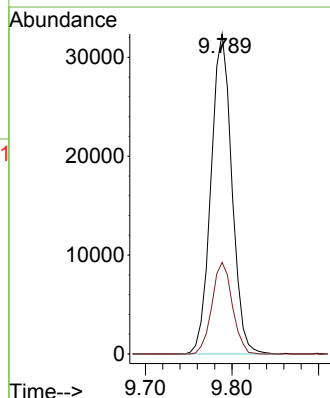
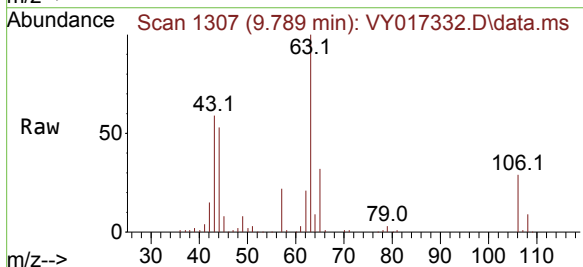
Acq: 09 Feb 2024 12:03

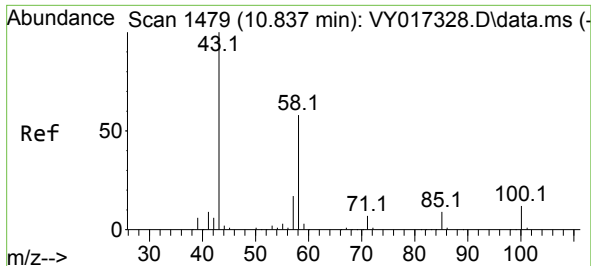
Tgt Ion: 63 Resp: 54041

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6

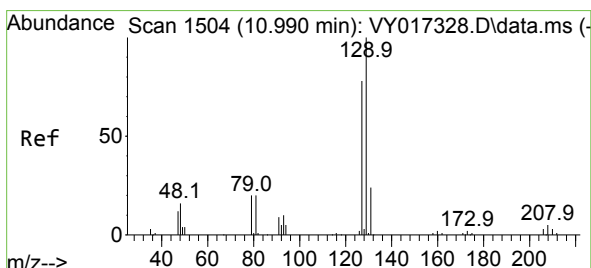
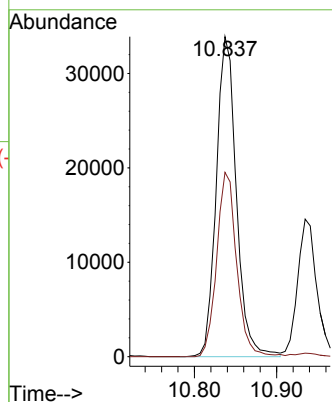
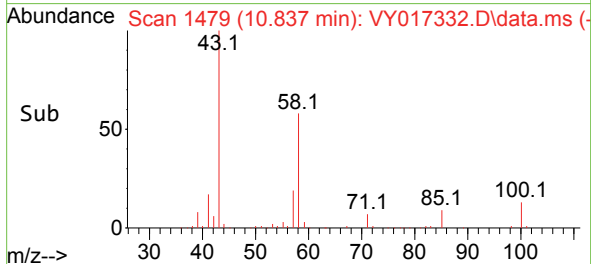
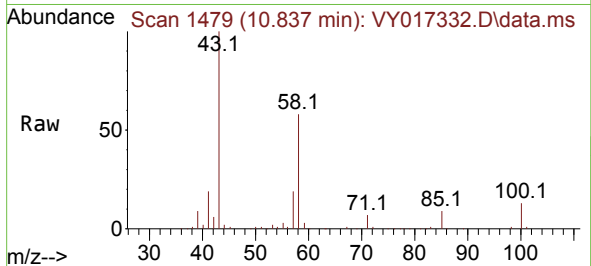




#59
2-Hexanone
Concen: 97.878 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

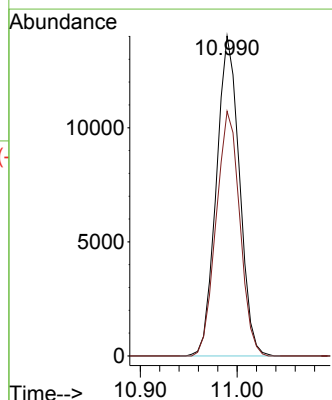
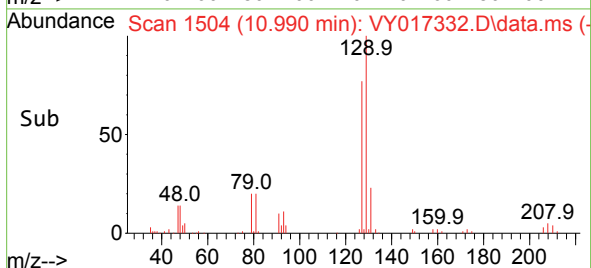
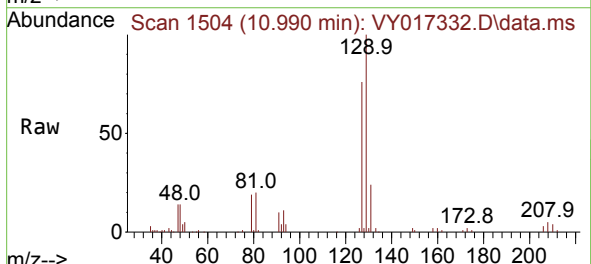
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

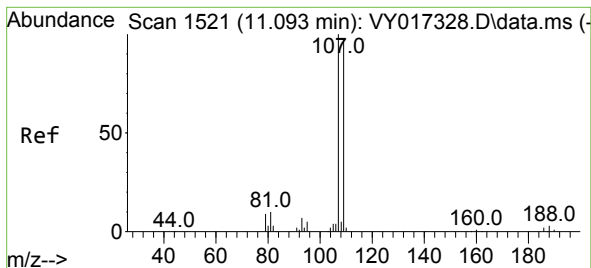
Tgt Ion: 43 Resp: 57429
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.3



#60
Dibromochloromethane
Concen: 20.817 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 129 Resp: 23211
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6

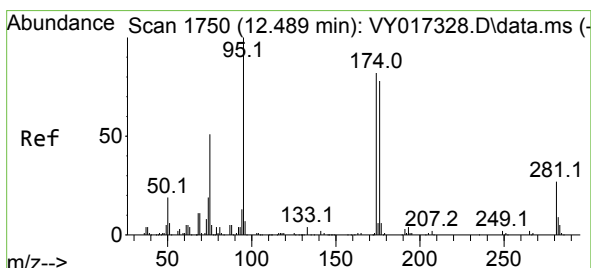
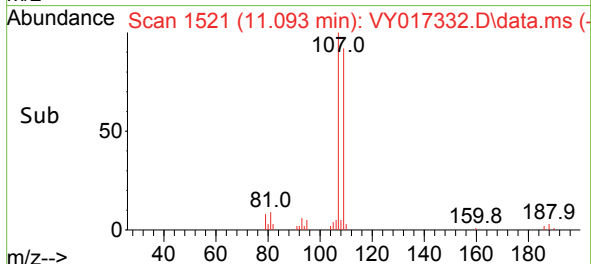
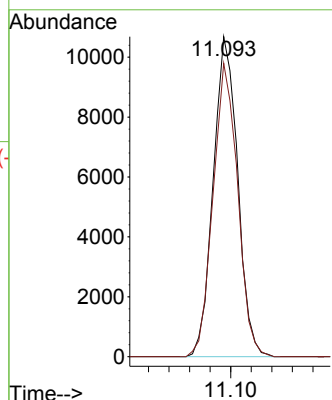
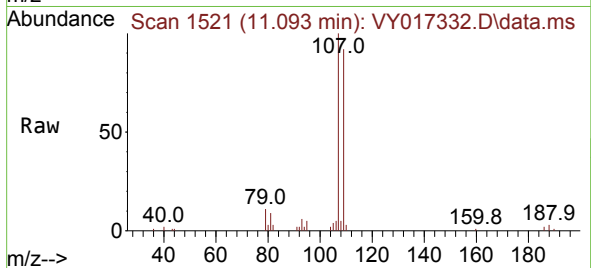




#61
1,2-Dibromoethane
Concen: 19.940 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

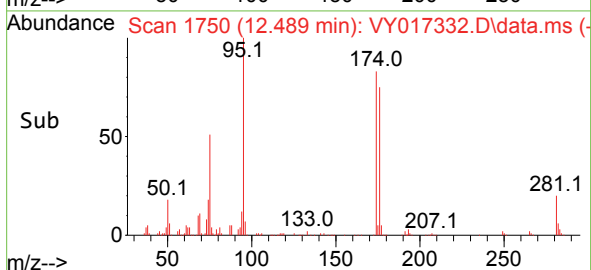
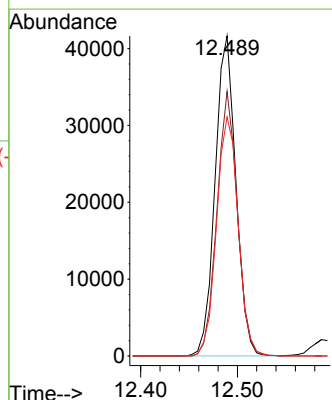
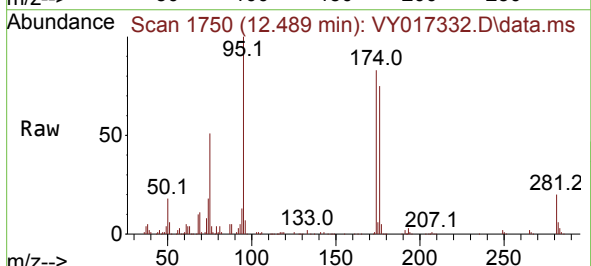
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

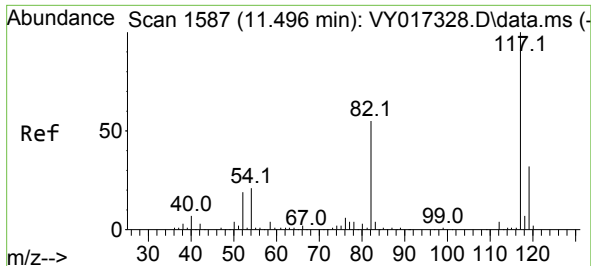
Tgt Ion:107 Resp: 17626
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.688 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 95 Resp: 62066
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 77.7 0.0 151.8

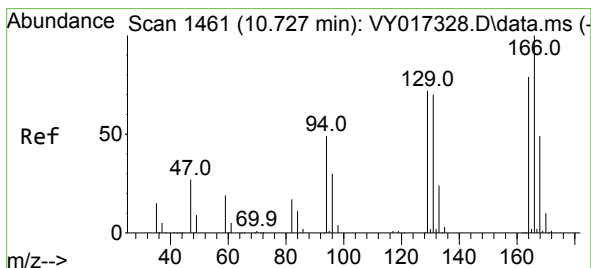
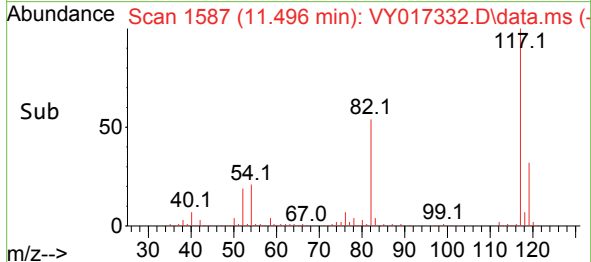
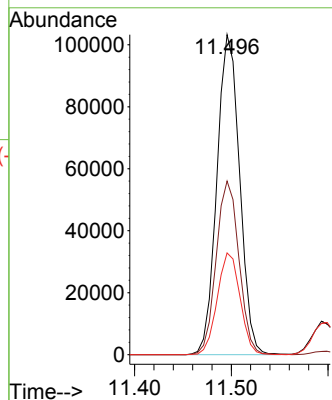
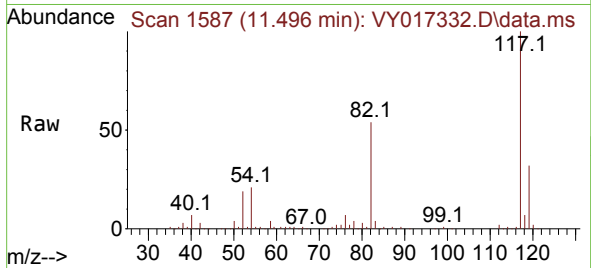




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

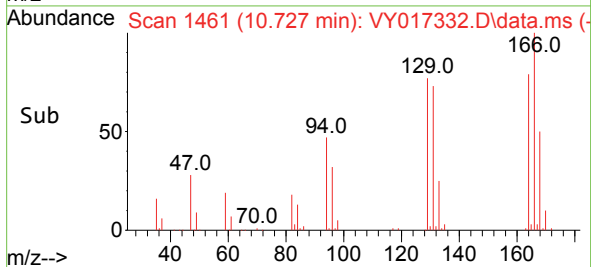
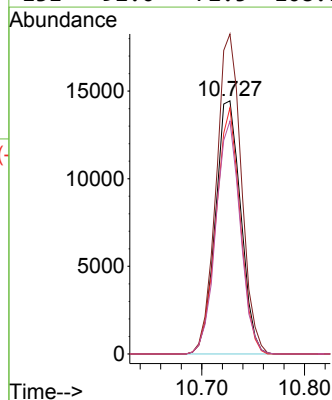
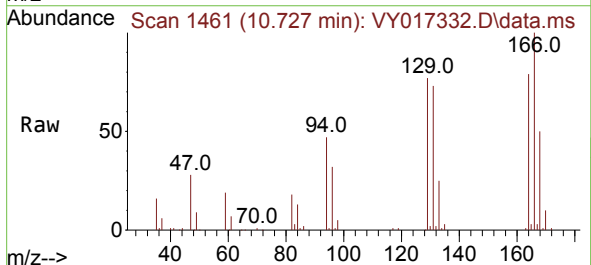
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

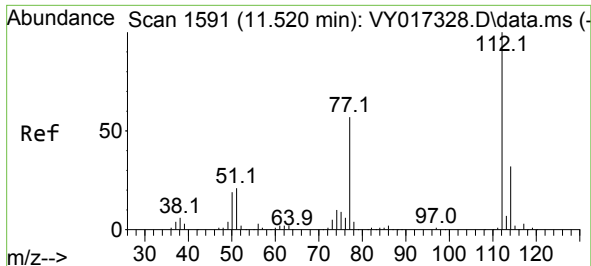
Tgt Ion:117 Resp: 168389
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 22.618 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion:164 Resp: 24735
Ion Ratio Lower Upper
164 100
166 126.4 98.8 148.2
129 97.3 78.9 118.3
131 92.0 72.5 108.7

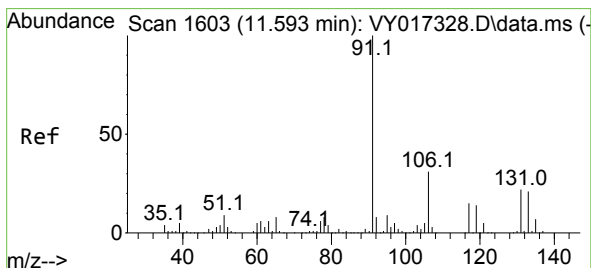
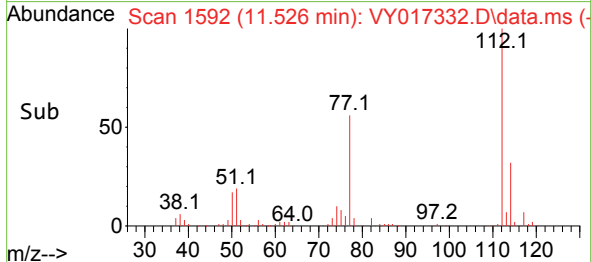
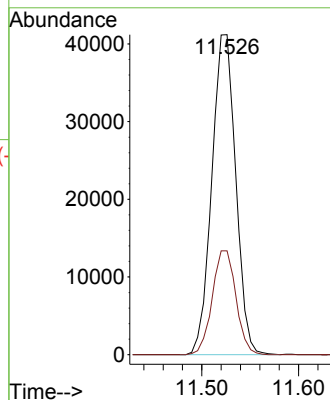
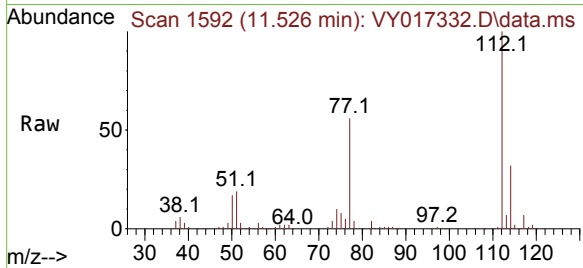




#65
Chlorobenzene
Concen: 21.802 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

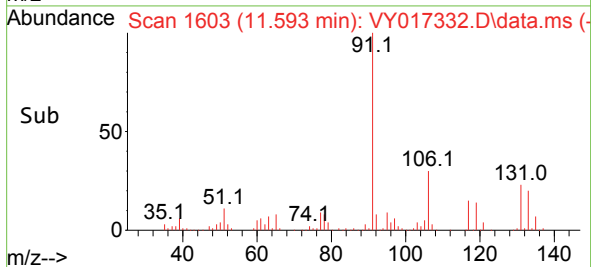
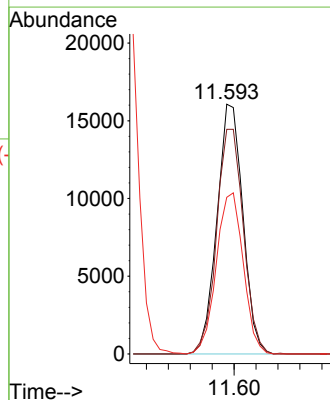
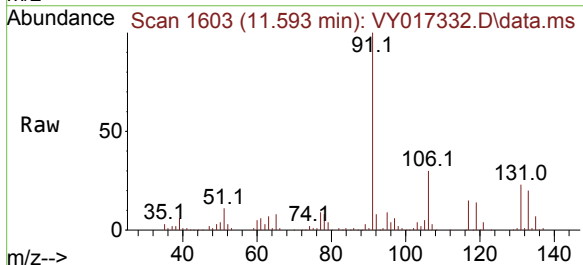
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

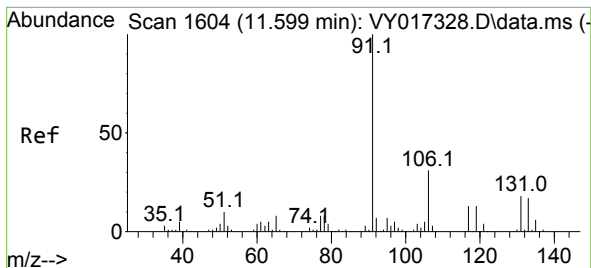
Tgt Ion:112 Resp: 70819
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.352 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion:131 Resp: 26386
Ion Ratio Lower Upper
131 100
133 93.1 47.0 141.0
119 67.0 33.3 99.9





#67

Ethyl Benzene

Concen: 21.946 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

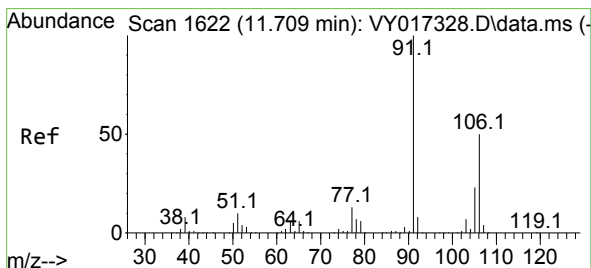
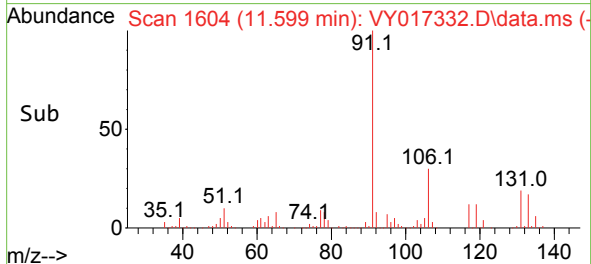
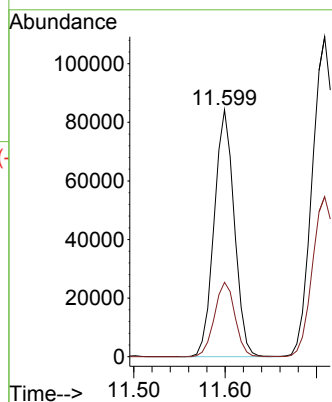
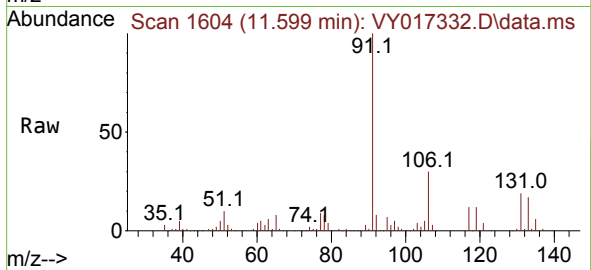
VY0209SBS01

Tgt Ion: 91 Resp: 128837

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.4



#68

m/p-Xylenes

Concen: 44.318 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017332.D

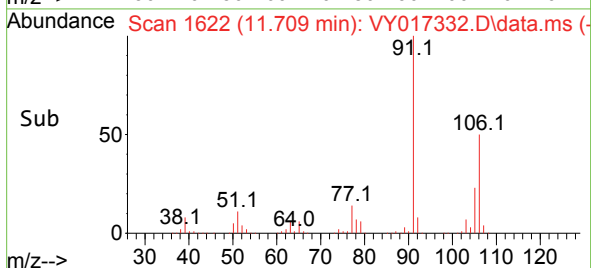
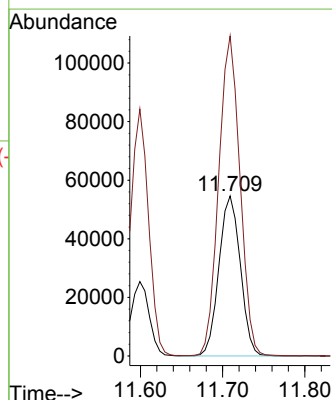
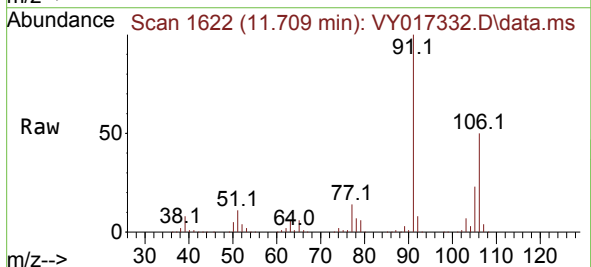
Acq: 09 Feb 2024 12:03

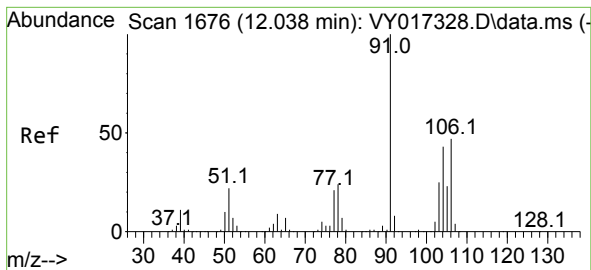
Tgt Ion:106 Resp: 98737

Ion Ratio Lower Upper

106 100

91 198.8 160.7 241.1





#69

o-Xylene

Concen: 21.843 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

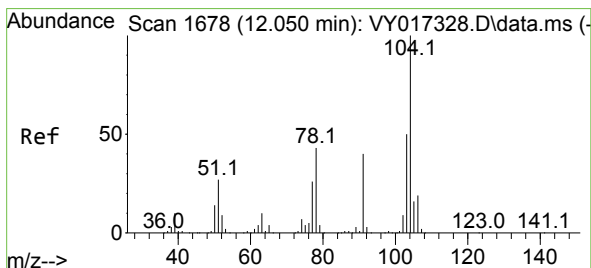
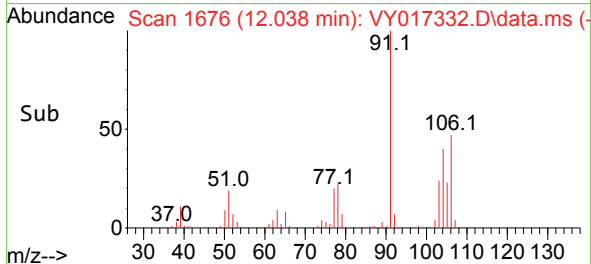
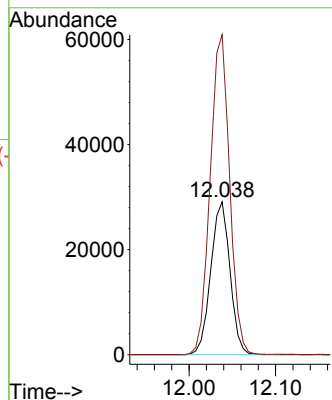
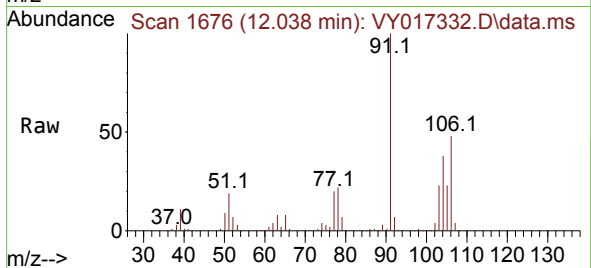
VY0209SBS01

Tgt Ion:106 Resp: 44814

Ion Ratio Lower Upper

106 100

91 212.3 106.5 319.5



#70

Styrene

Concen: 22.009 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

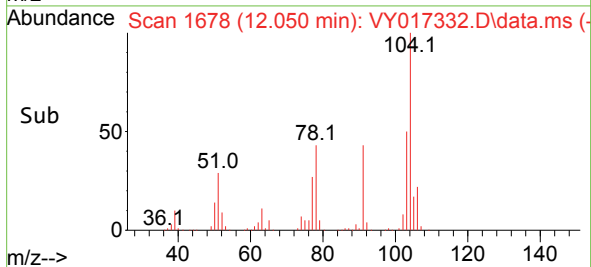
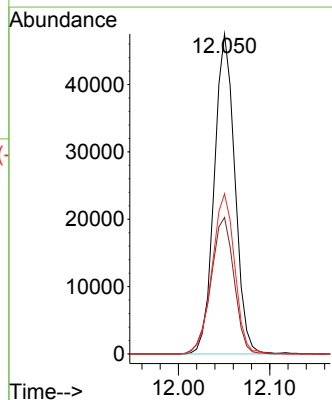
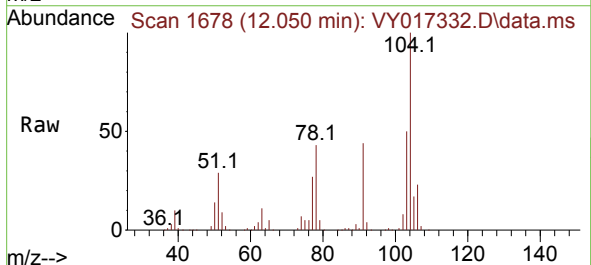
Tgt Ion:104 Resp: 74399

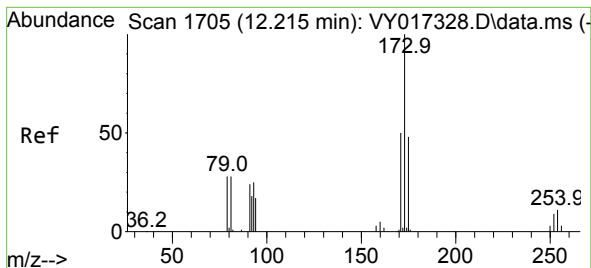
Ion Ratio Lower Upper

104 100

78 47.6 39.2 58.8

103 55.0 43.8 65.6





#71

Bromoform

Concen: 20.106 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

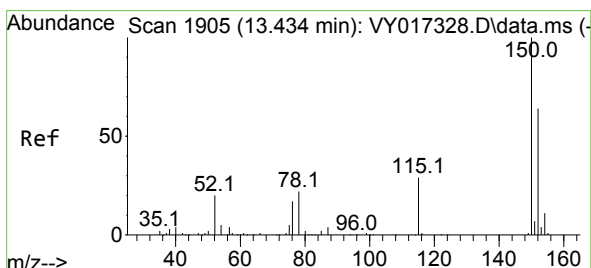
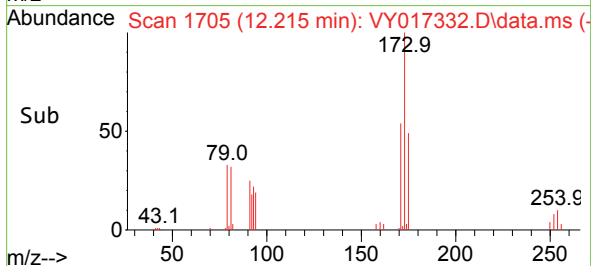
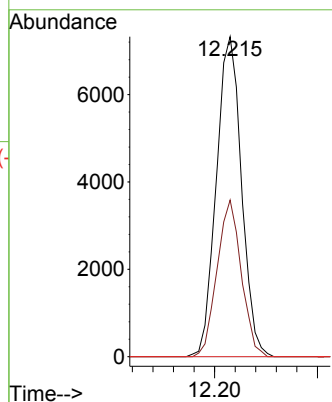
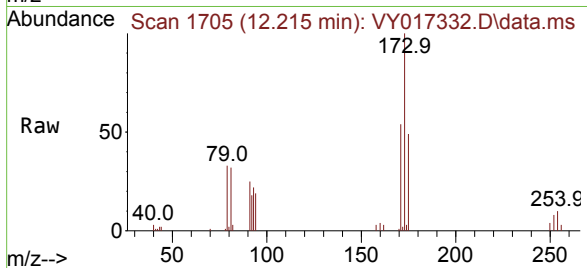
Tgt Ion:173 Resp: 12430

Ion Ratio Lower Upper

173 100

175 47.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

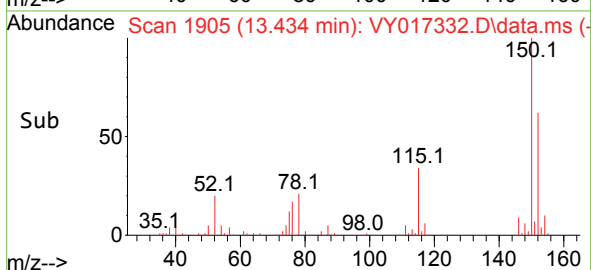
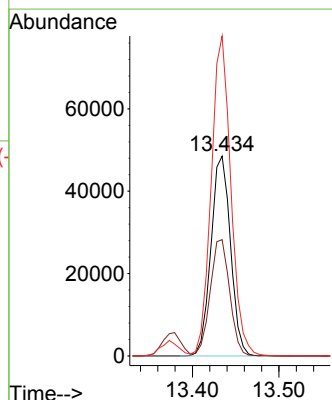
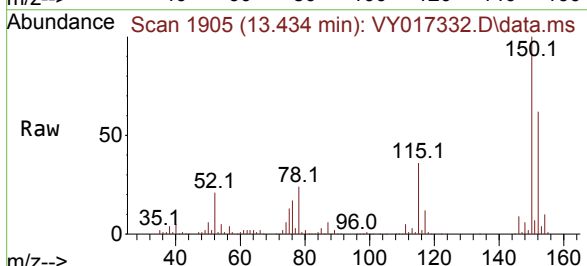
Tgt Ion:152 Resp: 76112

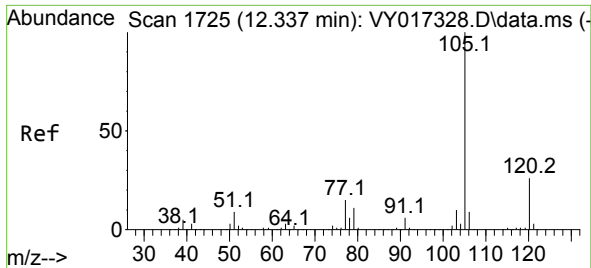
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 160.9 0.0 344.6

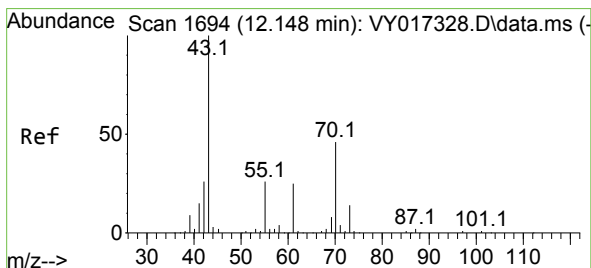
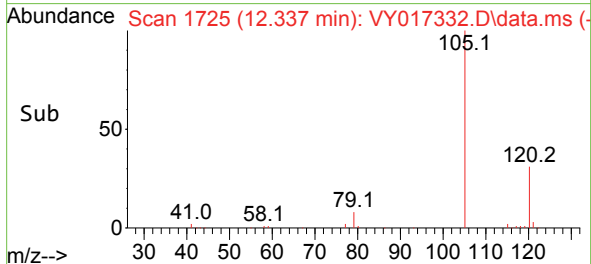
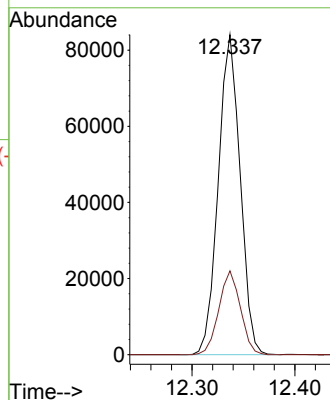
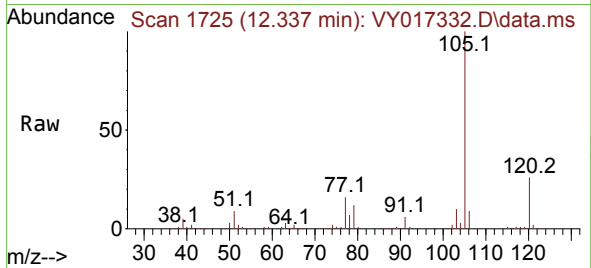




#73
Isopropylbenzene
Concen: 22.193 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

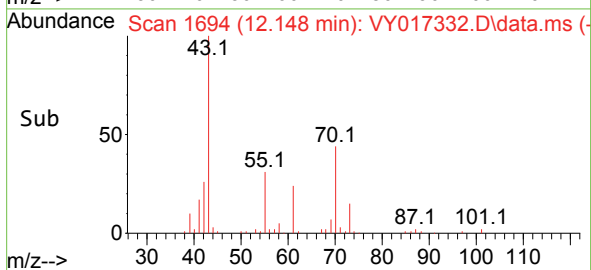
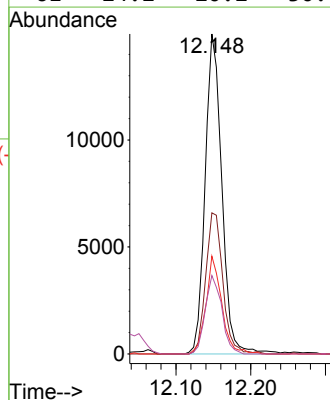
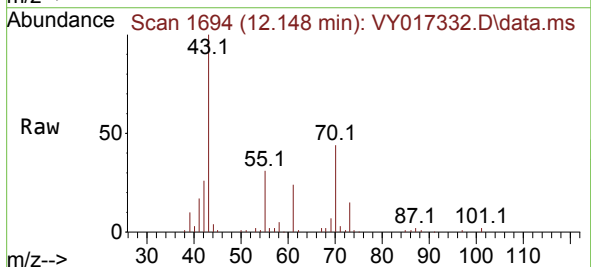
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

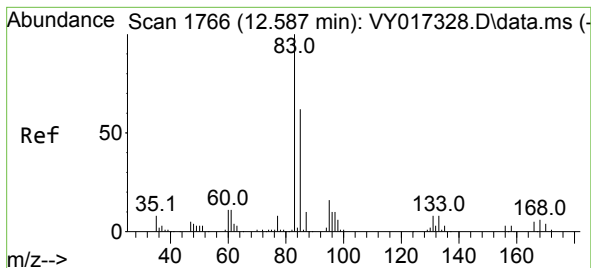
Tgt Ion:105 Resp: 124093
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 18.488 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 43 Resp: 23228
Ion Ratio Lower Upper
43 100
70 45.3 36.6 55.0
55 29.0 22.2 33.4
61 24.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.252 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

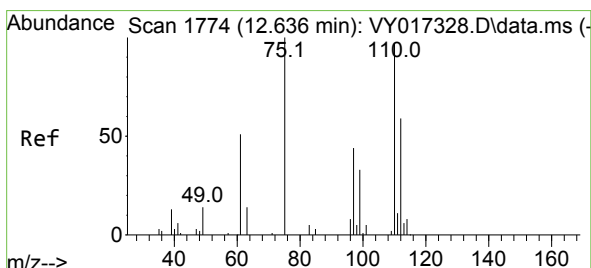
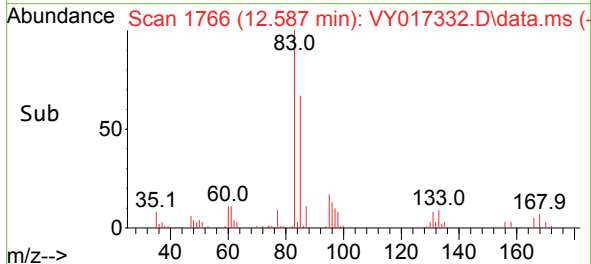
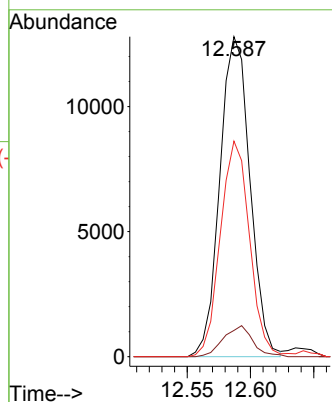
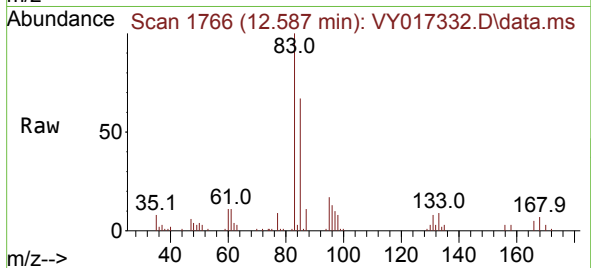
Tgt Ion: 83 Resp: 21172

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 65.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 37.574 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY017332.D

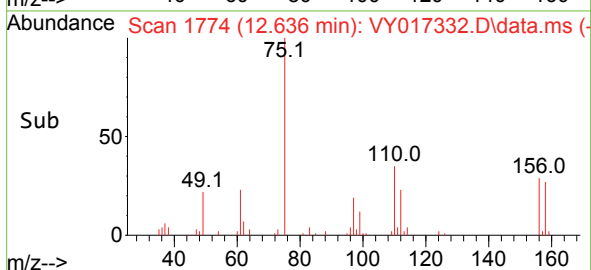
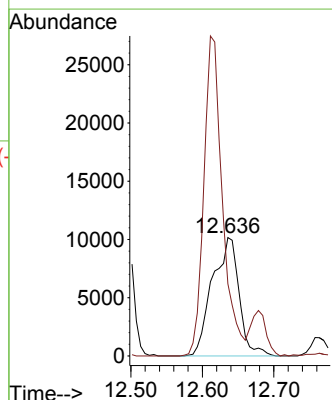
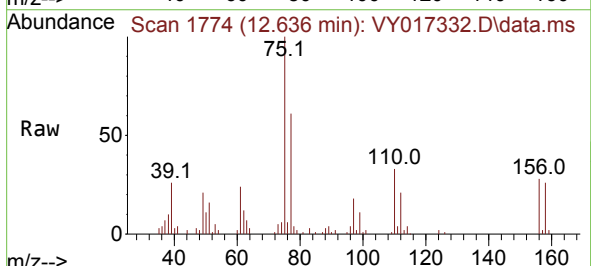
Acq: 09 Feb 2024 12:03

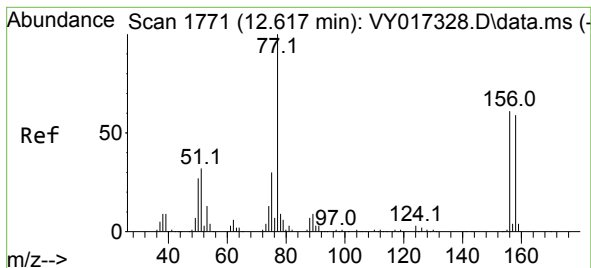
Tgt Ion: 75 Resp: 26396

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.800 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

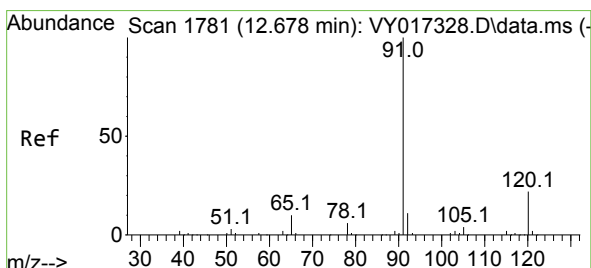
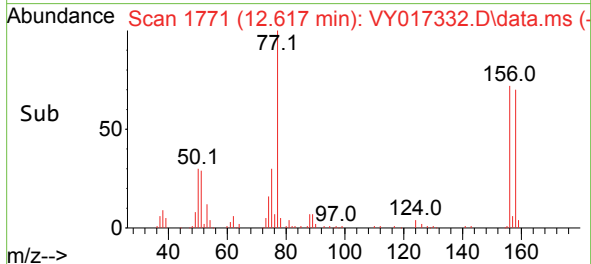
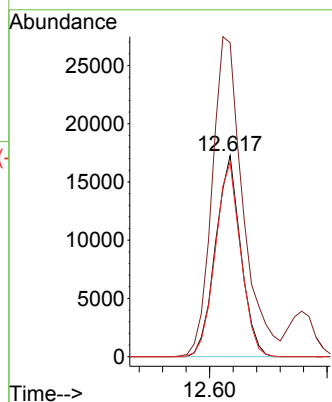
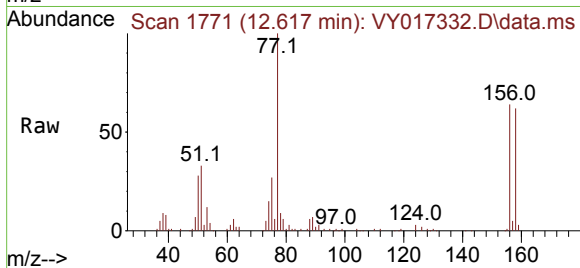
Tgt Ion:156 Resp: 25797

Ion Ratio Lower Upper

156 100

77 192.9 97.3 291.8

158 97.2 48.4 145.0



#78

n-propylbenzene

Concen: 22.676 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017332.D

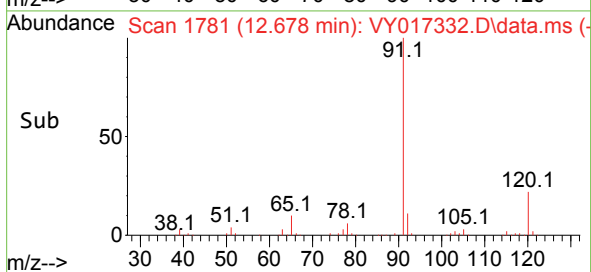
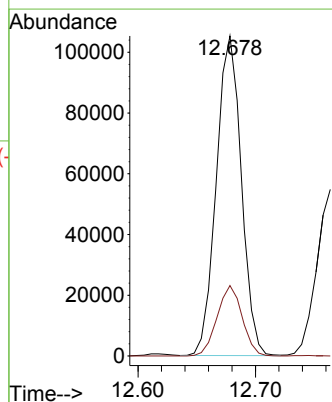
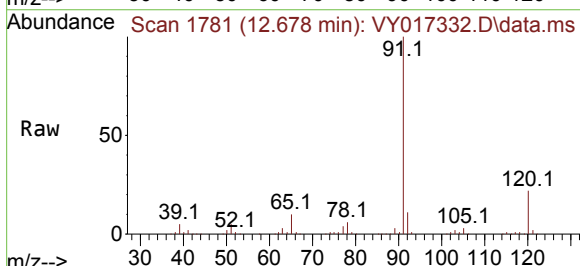
Acq: 09 Feb 2024 12:03

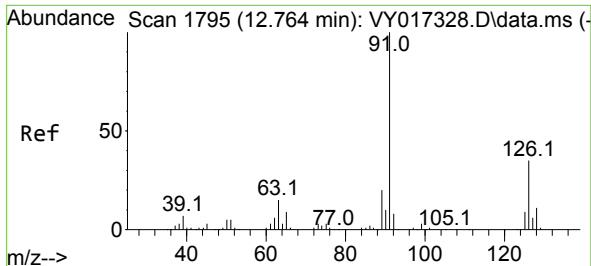
Tgt Ion: 91 Resp: 155720

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

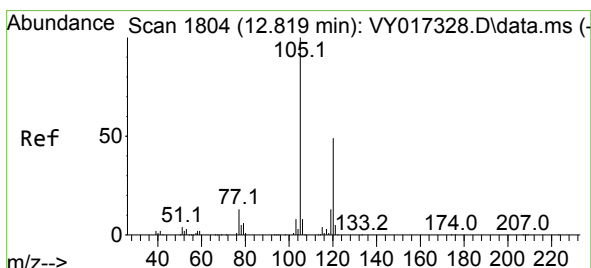
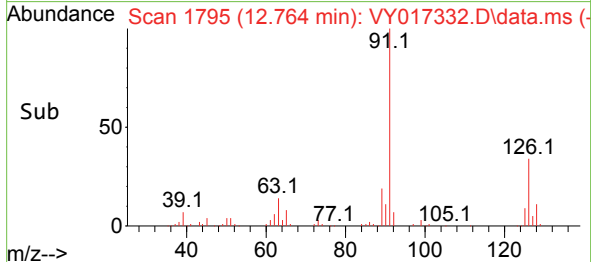
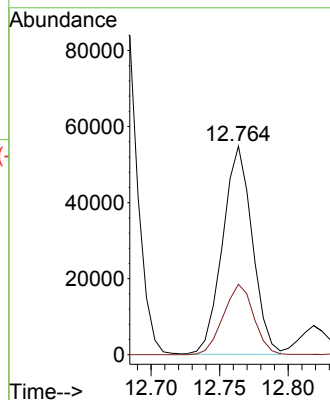
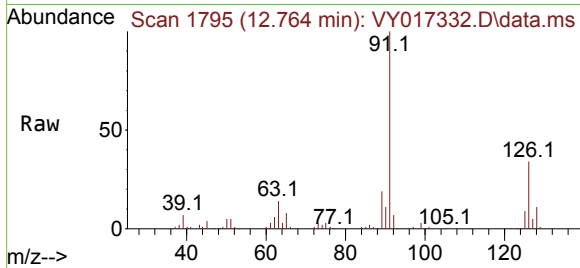




#79
2-Chlorotoluene
Concen: 21.939 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

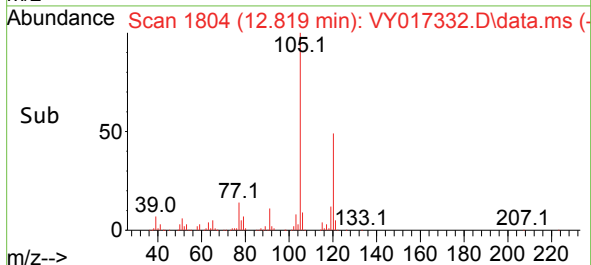
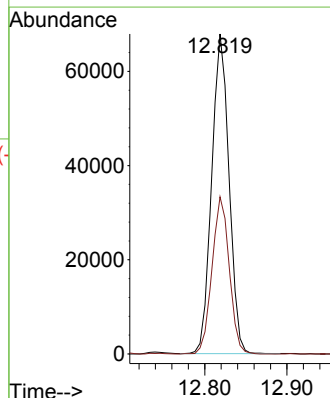
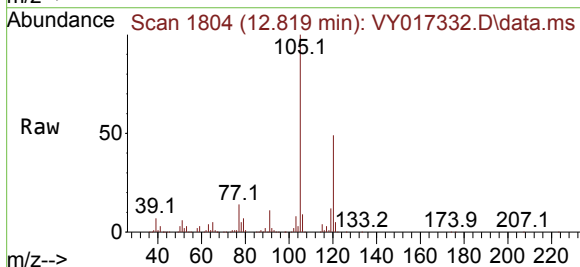
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

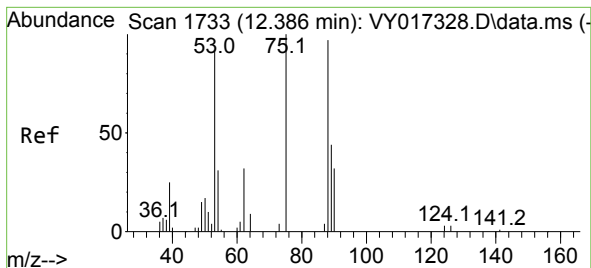
Tgt Ion: 91 Resp: 82829
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 22.305 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 105 Resp: 99188
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

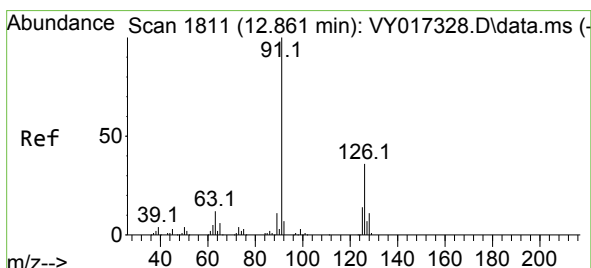
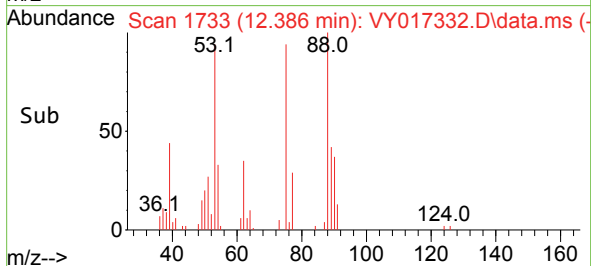
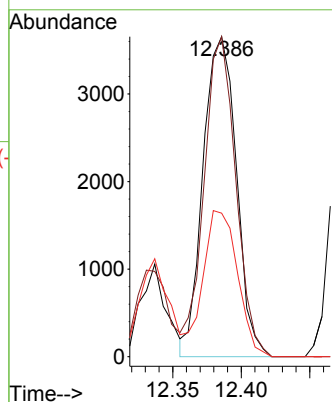
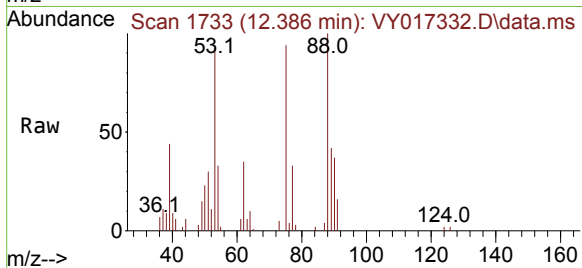




#81
trans-1,4-Dichloro-2-butene
Concen: 18.223 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

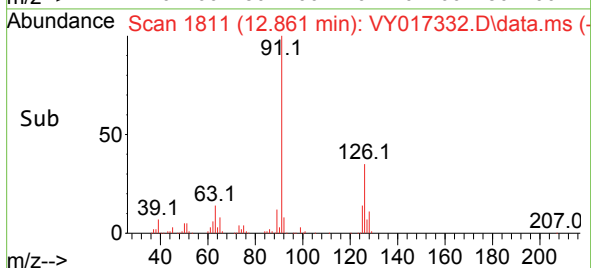
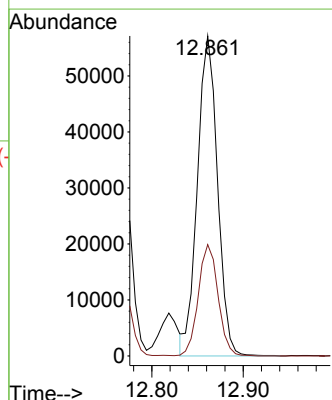
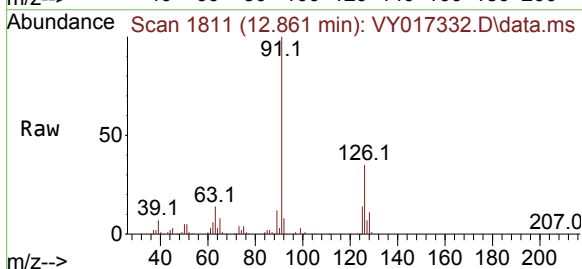
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

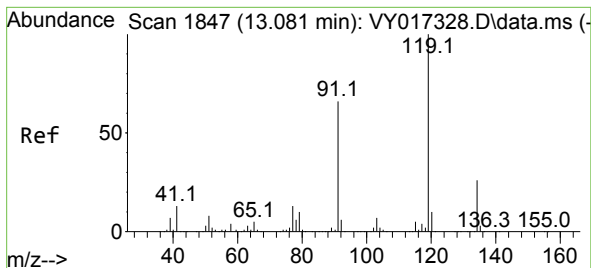
Tgt Ion: 75 Resp: 6161
Ion Ratio Lower Upper
75 100
53 95.5 74.0 111.0
89 47.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 22.463 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 91 Resp: 87284
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.438 ug/l

RT: 13.081 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

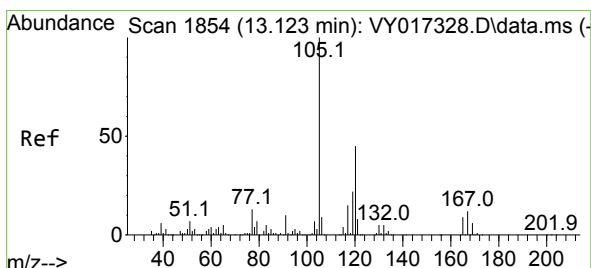
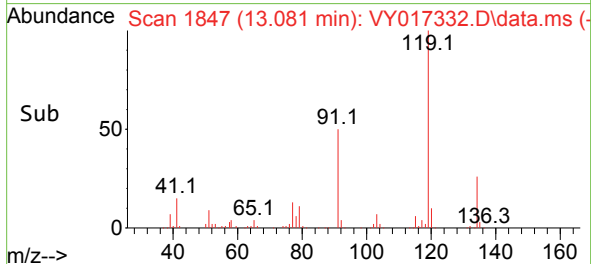
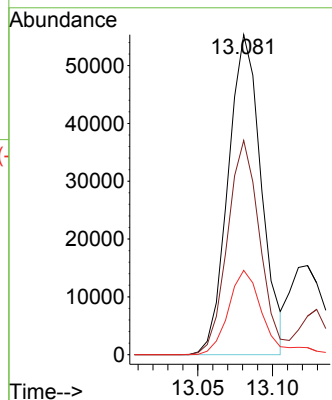
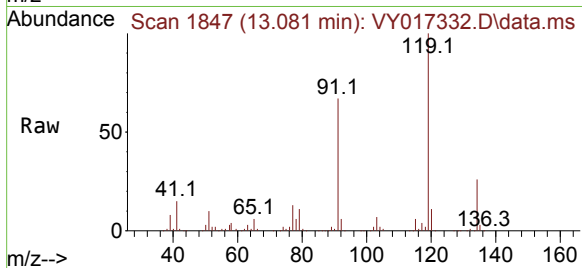
Tgt Ion:119 Resp: 85530

Ion Ratio Lower Upper

119 100

91 65.7 31.5 94.5

134 27.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 22.303 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017332.D

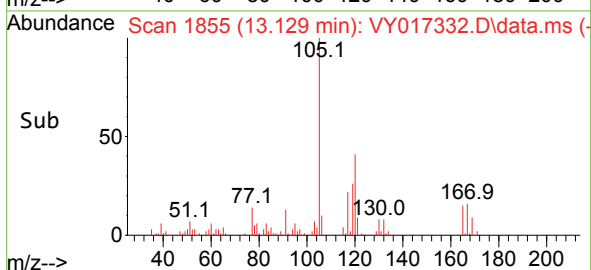
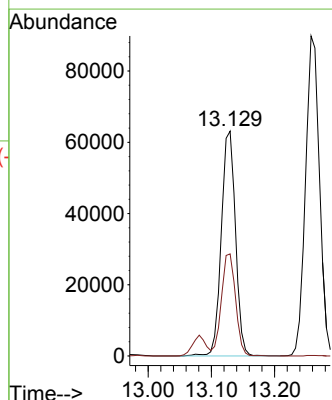
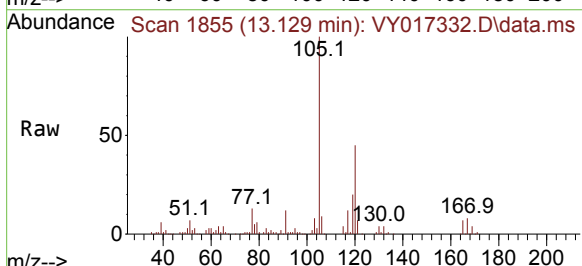
Acq: 09 Feb 2024 12:03

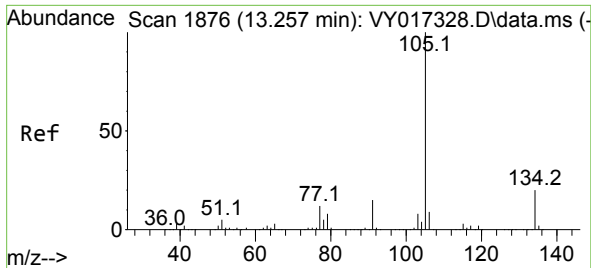
Tgt Ion:105 Resp: 97899

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3

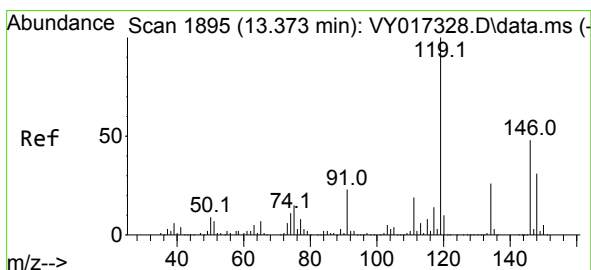
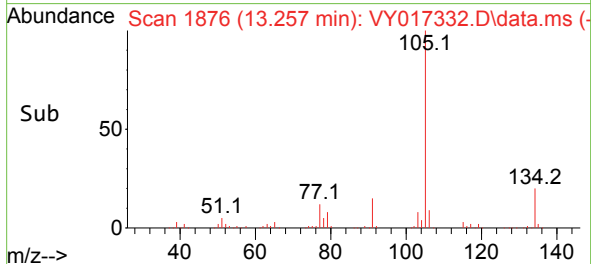
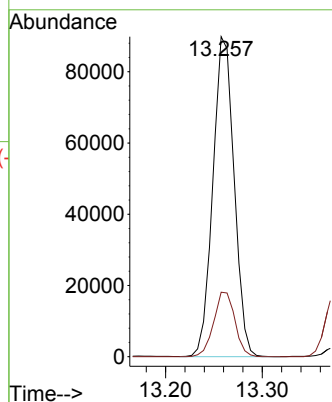
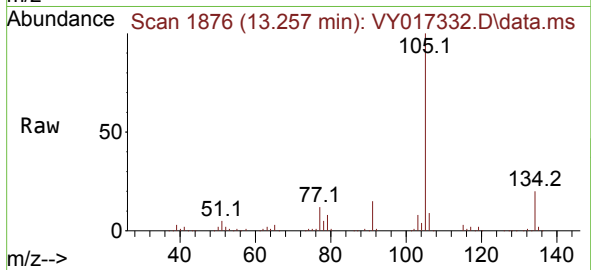




#85
sec-Butylbenzene
Concen: 23.010 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

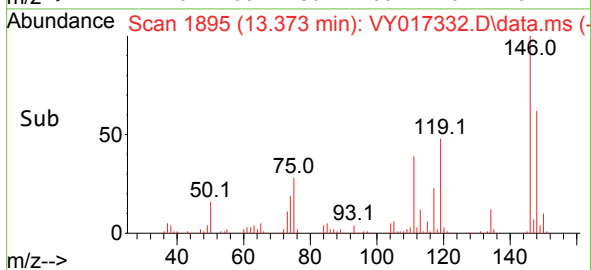
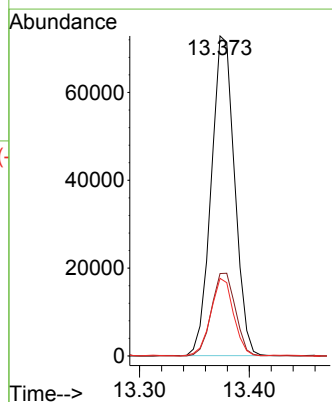
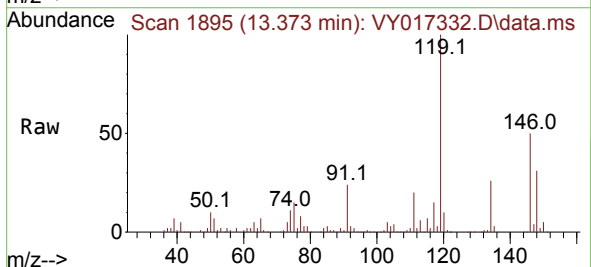
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

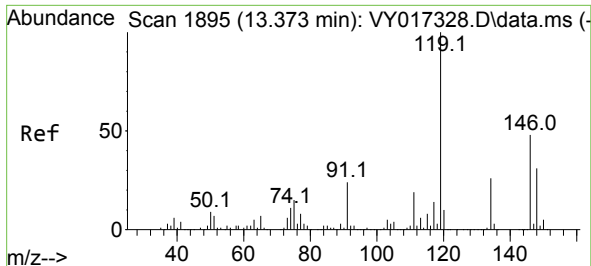
Tgt Ion:105 Resp: 137085
Ion Ratio Lower Upper
105 100
134 20.1 9.7 28.9



#86
p-Isopropyltoluene
Concen: 22.640 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion:119 Resp: 107787
Ion Ratio Lower Upper
119 100
134 26.6 13.1 39.1
91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.697 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

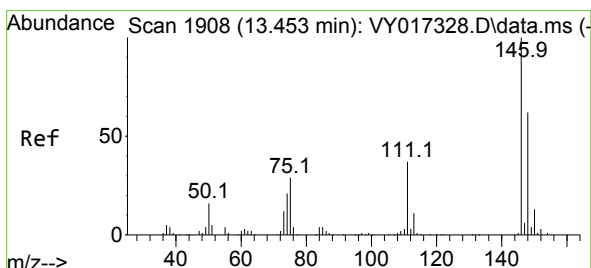
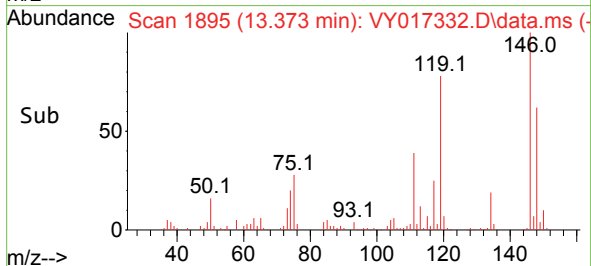
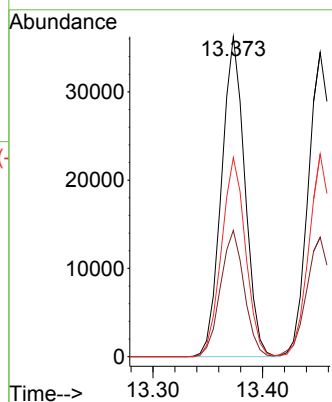
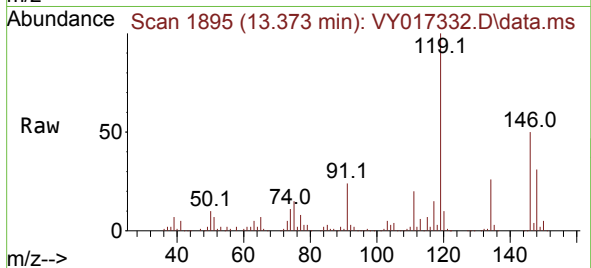
Tgt Ion:146 Resp: 53684

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.992 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

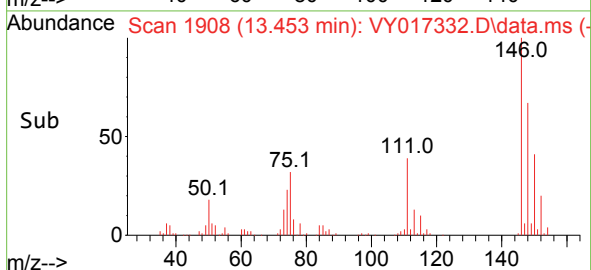
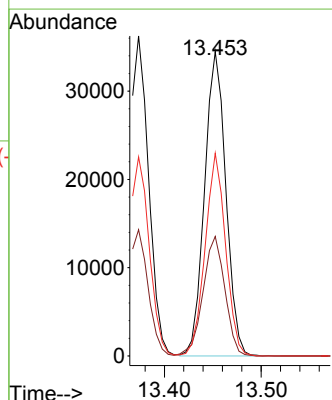
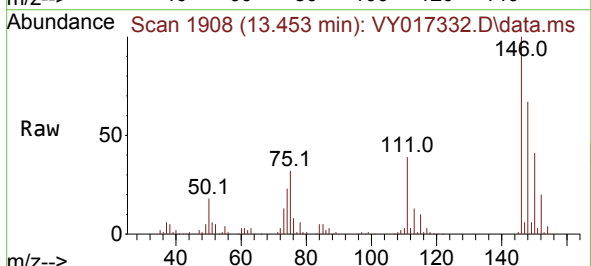
Tgt Ion:146 Resp: 52864

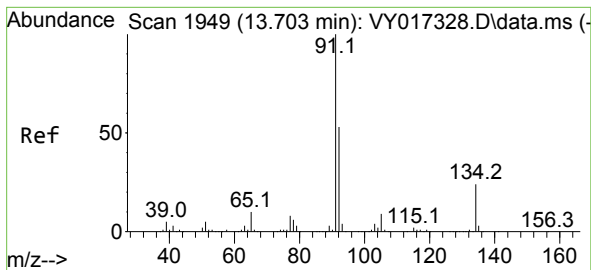
Ion Ratio Lower Upper

146 100

111 40.4 19.3 57.9

148 64.1 31.6 94.7

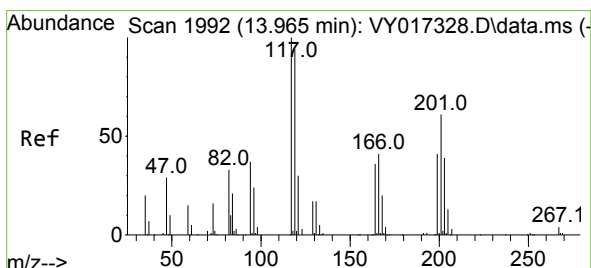
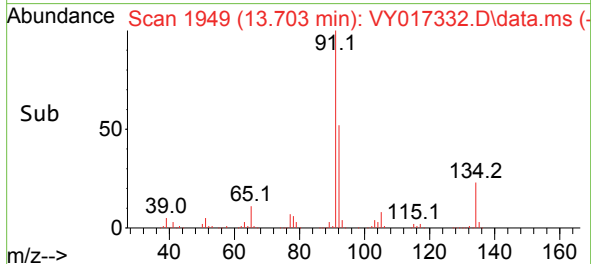
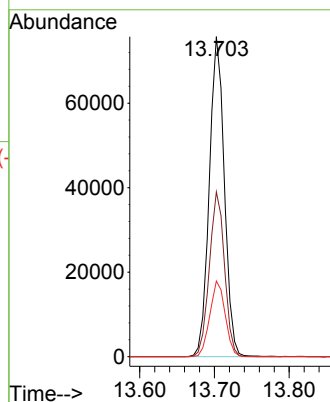
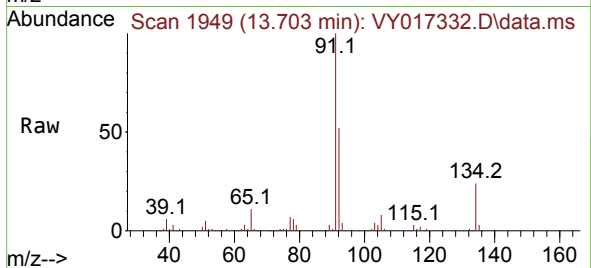




#89
n-Butylbenzene
Concen: 23.429 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

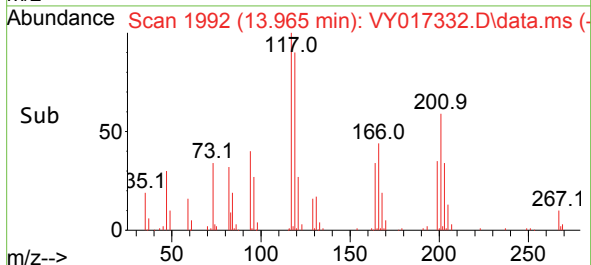
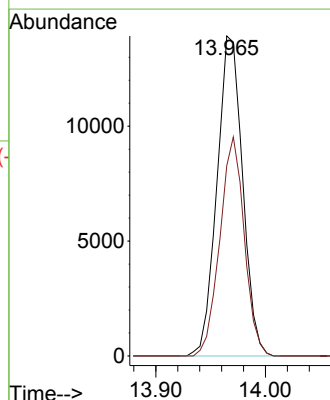
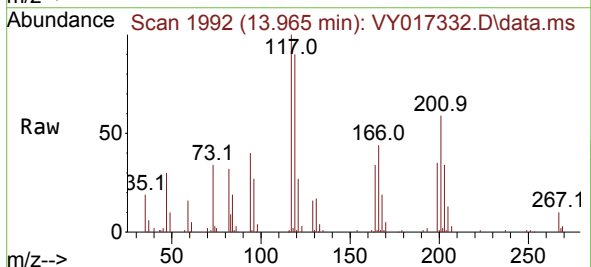
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

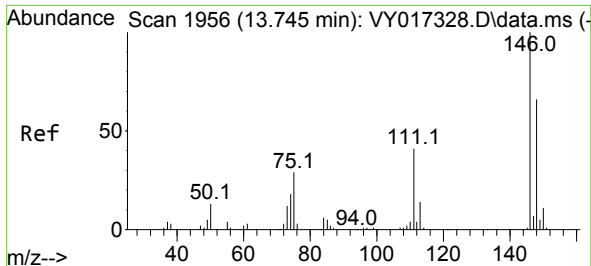
Tgt Ion: 91 Resp: 106050
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.2
134 24.2 12.3 36.8



#90
Hexachloroethane
Concen: 23.163 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY017332.D
Acq: 09 Feb 2024 12:03

Tgt Ion: 117 Resp: 22639
Ion Ratio Lower Upper
117 100
201 65.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.842 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

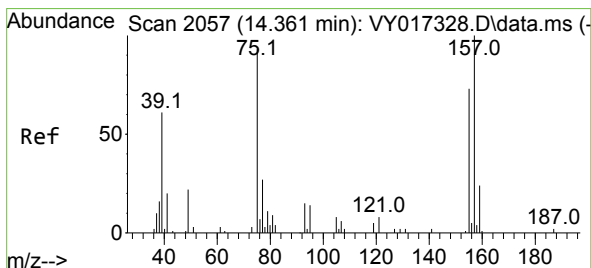
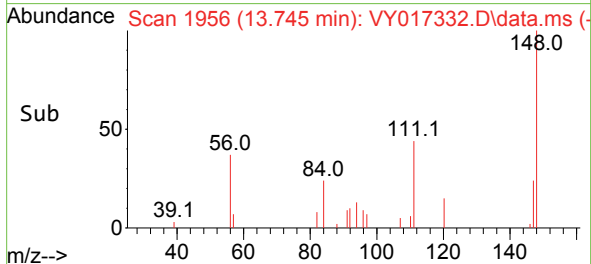
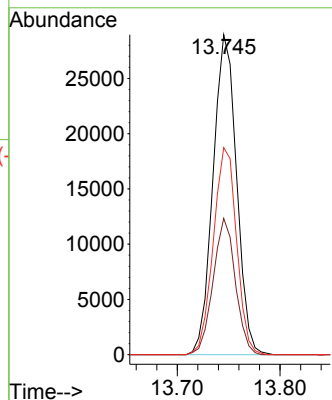
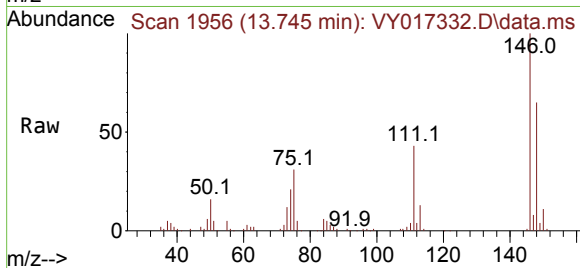
Tgt Ion:146 Resp: 46005

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 63.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.820 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

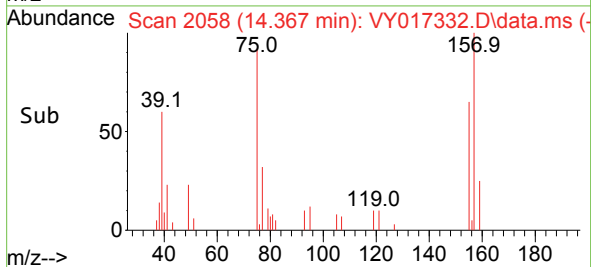
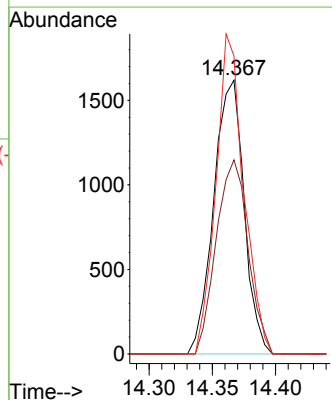
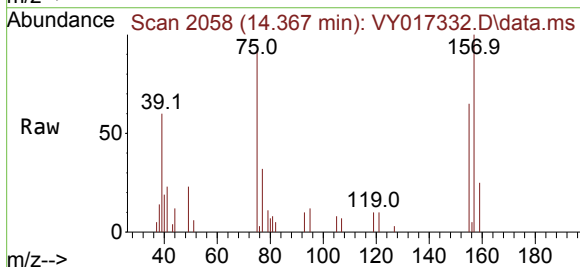
Tgt Ion: 75 Resp: 2696

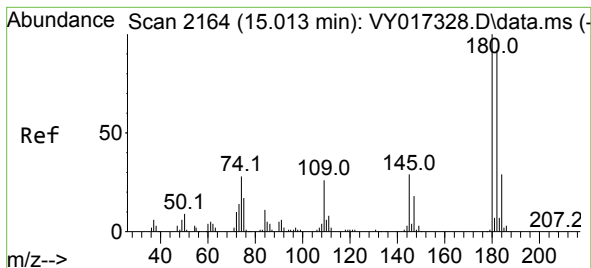
Ion Ratio Lower Upper

75 100

155 74.5 42.1 126.3

157 106.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.892 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

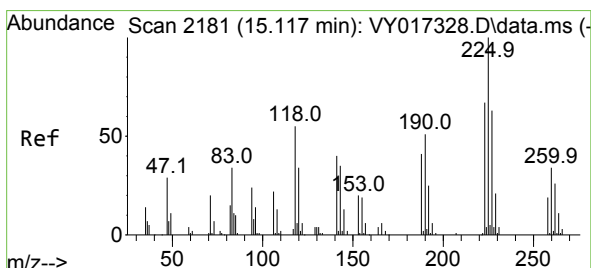
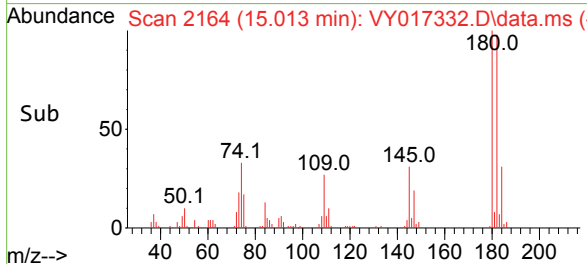
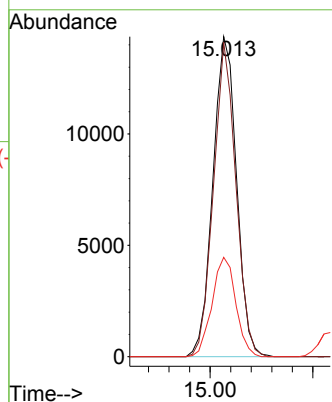
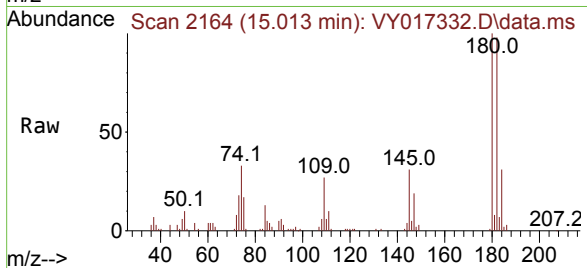
Tgt Ion:180 Resp: 22904

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.7

145 31.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 24.033 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

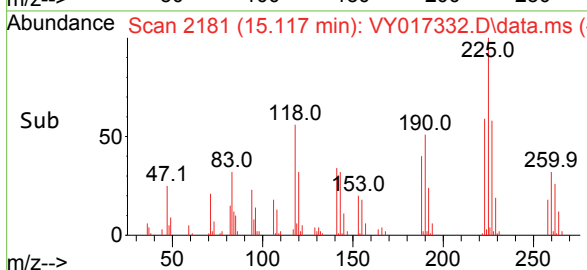
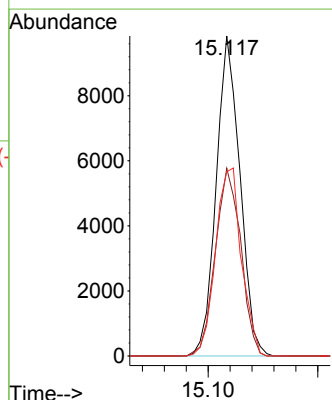
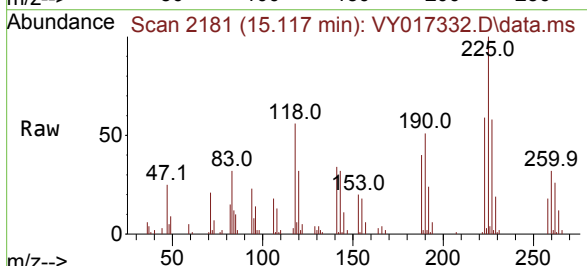
Tgt Ion:225 Resp: 14809

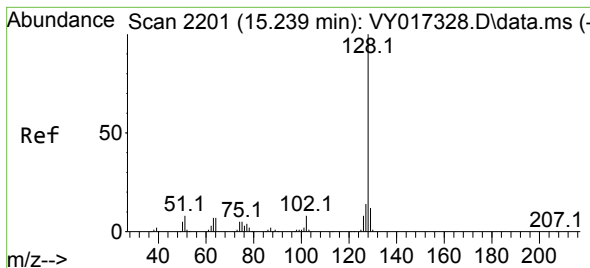
Ion Ratio Lower Upper

225 100

223 62.7 31.4 94.3

227 64.0 32.3 96.8





#95

Naphthalene

Concen: 19.875 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

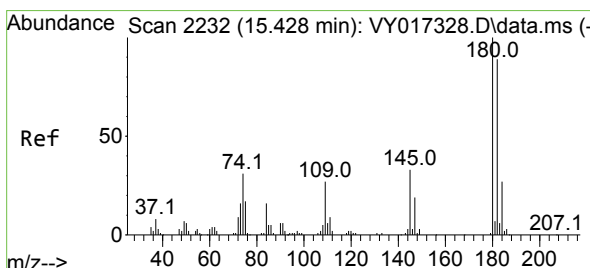
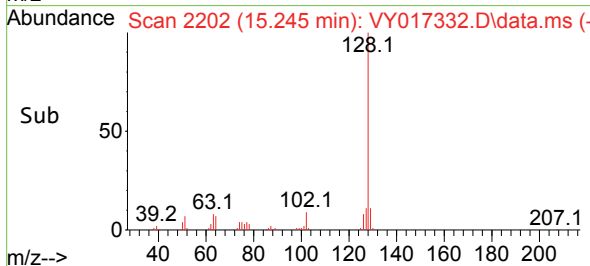
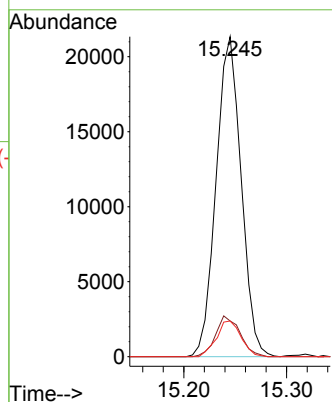
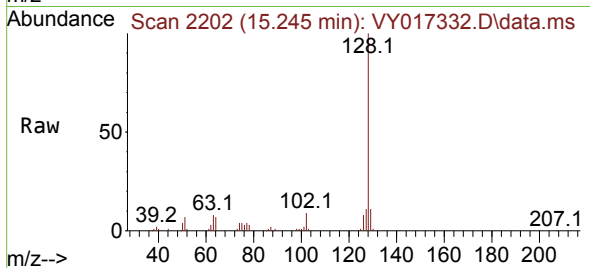
Tgt Ion:128 Resp: 36082

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.946 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017332.D

Acq: 09 Feb 2024 12:03

Tgt Ion:180 Resp: 19528

Ion Ratio Lower Upper

180 100

182 91.6 46.3 138.8

145 31.6 16.1 48.2

