

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017333.D
 Acq On : 09 Feb 2024 12:26
 Operator : SY/MD
 Sample : VY0209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

Quant Time: Feb 09 22:00:59 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	113876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	166577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	51188	50.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.722	113	54722	53.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.185	98	198396	53.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.489	95	65180	53.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16981	19.671	ug/l	97
3) Chloromethane	2.113	50	28837	18.595	ug/l	99
4) Vinyl Chloride	2.247	62	35345	18.703	ug/l	99
5) Bromomethane	2.644	94	25039	19.114	ug/l	98
6) Chloroethane	2.796	64	22129	18.135	ug/l	99
7) Trichlorofluoromethane	3.125	101	38625	19.876	ug/l	99
8) Diethyl Ether	3.527	74	11478	18.777	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	23772	20.180	ug/l	99
10) Methyl Iodide	4.094	142	21169	17.093	ug/l	98
11) Tert butyl alcohol	4.954	59	9344	99.179	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	19924	18.050	ug/l	91
13) Acrolein	3.729	56	7891	85.928	ug/l	97
14) Allyl chloride	4.472	41	30241	18.122	ug/l	98
15) Acrylonitrile	5.167	53	25509	92.686	ug/l	100
16) Acetone	3.948	43	30450	101.840	ug/l	100
17) Carbon Disulfide	4.192	76	52459	14.888	ug/l	99
18) Methyl Acetate	4.479	43	10598	15.889	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	49285	18.539	ug/l	99
20) Methylene Chloride	4.716	84	28073	20.884	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	22470	17.894	ug/l	93
22) Diisopropyl ether	6.125	45	71108	19.404	ug/l	95
23) Vinyl Acetate	6.064	43	208372	93.843	ug/l	98
24) 1,1-Dichloroethane	6.021	63	43375	19.322	ug/l	98
25) 2-Butanone	6.990	43	38896	97.856	ug/l	95
26) 2,2-Dichloropropane	6.984	77	35785	19.164	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	26531	18.891	ug/l	98
28) Bromochloromethane	7.332	49	15768	18.344	ug/l	99
29) Tetrahydrofuran	7.356	42	20262	90.240	ug/l	98
30) Chloroform	7.508	83	45639	20.209	ug/l	96
31) Cyclohexane	7.789	56	35392	17.260	ug/l #	95
32) 1,1,1-Trichloroethane	7.710	97	37832	19.476	ug/l	98
36) 1,1-Dichloropropene	7.923	75	32673	18.430	ug/l	100
37) Ethyl Acetate	7.082	43	15222	18.513	ug/l	98
38) Carbon Tetrachloride	7.905	117	32978	19.429	ug/l	99
39) Methylcyclohexane	9.191	83	35486	17.134	ug/l	98
40) Benzene	8.167	78	96851	19.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	19464	49.962	ug/l #	35
42) 1,2-Dichloroethane	8.240	62	26000	19.397	ug/l	100
43) Isopropyl Acetate	8.283	43	27277	18.740	ug/l	99
44) Trichloroethene	8.947	130	25543	19.876	ug/l	96
45) 1,2-Dichloropropane	9.222	63	24345	19.578	ug/l	95
46) Dibromomethane	9.313	93	12687	18.887	ug/l	99
47) Bromodichloromethane	9.502	83	32950	19.601	ug/l	97
48) Methyl methacrylate	9.295	41	11720	17.167	ug/l	94
49) 1,4-Dioxane	9.301	88	2863	391.587	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	74786	95.850	ug/l	98
52) Toluene	10.252	92	59285	19.401	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	29662	18.785	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	36729	19.420	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	18747	20.513	ug/l	98
56) Ethyl methacrylate	10.514	69	20623	18.769	ug/l	98
57) 1,3-Dichloropropane	10.794	76	31379	19.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	56531	99.290	ug/l	100
59) 2-Hexanone	10.837	43	55520	98.406	ug/l	99
60) Dibromochloromethane	10.990	129	21374	19.936	ug/l	100
61) 1,2-Dibromoethane	11.093	107	16749	19.705	ug/l	98
64) Tetrachloroethene	10.727	164	21298	19.687	ug/l	96
65) Chlorobenzene	11.520	112	64288	20.006	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	23494	20.118	ug/l	99
67) Ethyl Benzene	11.599	91	112713	19.408	ug/l	100
68) m/p-Xylenes	11.709	106	85591	38.835	ug/l	99
69) o-Xylene	12.038	106	39959	19.688	ug/l	98
70) Styrene	12.050	104	66777	19.969	ug/l	98
71) Bromoform	12.215	173	12044	19.693	ug/l #	98
73) Isopropylbenzene	12.337	105	107630	19.476	ug/l	99
74) N-amyl acetate	12.148	43	22464	18.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	20122	18.513	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	24551	35.361	ug/l #	100
77) Bromobenzene	12.617	156	23784	19.403	ug/l	97
78) n-propylbenzene	12.678	91	131944	19.440	ug/l	99
79) 2-Chlorotoluene	12.764	91	73824	19.785	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	85913	19.548	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	5950	17.807	ug/l	98
82) 4-Chlorotoluene	12.861	91	75925	19.771	ug/l	99
83) tert-Butylbenzene	13.081	119	74596	19.801	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	84407	19.457	ug/l	98
85) sec-Butylbenzene	13.257	105	116405	19.769	ug/l	100
86) p-Isopropyltoluene	13.373	119	92583	19.677	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	47986	19.624	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	47431	19.965	ug/l	97
89) n-Butylbenzene	13.703	91	89216	19.943	ug/l	100
90) Hexachloroethane	13.965	117	19444	20.129	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	41503	19.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2604	18.393	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	22028	21.304	ug/l	94
94) Hexachlorobutadiene	15.117	225	13043	21.417	ug/l	99
95) Naphthalene	15.239	128	36323	20.175	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	18545	21.088	ug/l	98

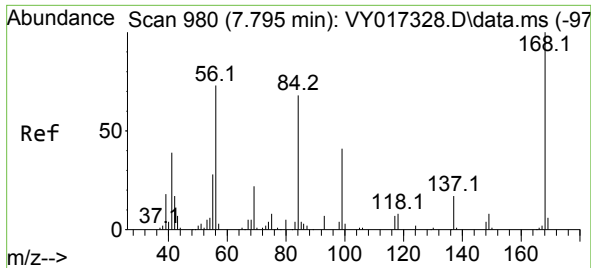
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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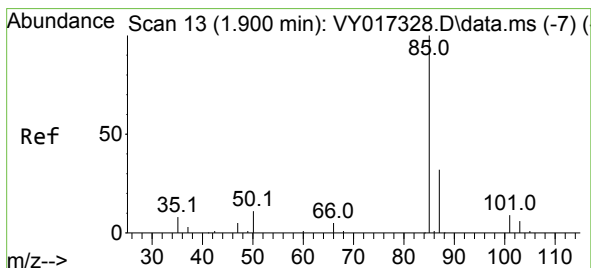
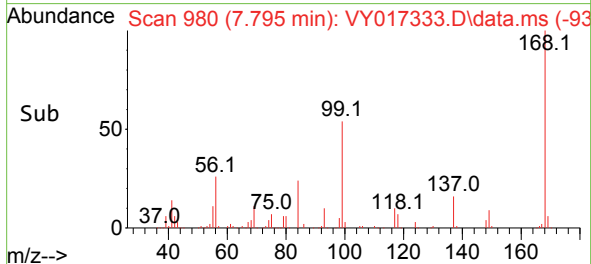
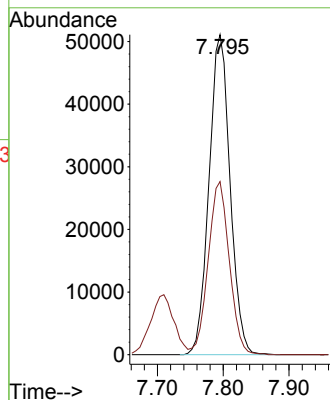
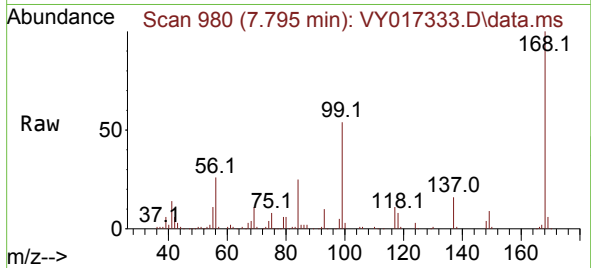
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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Acq: 09 Feb 2024 12:26

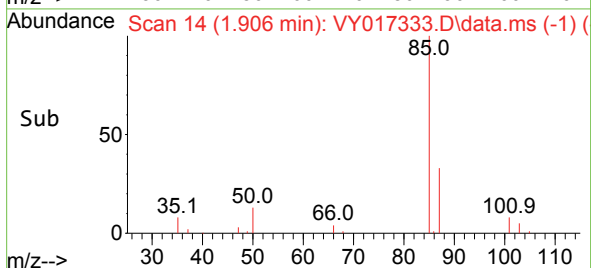
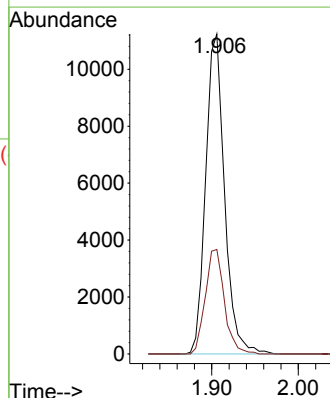
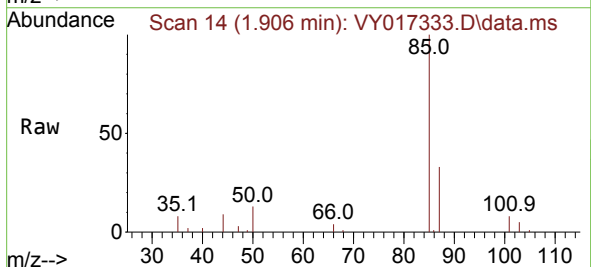
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MSVOA_Y
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VY0209SBS01

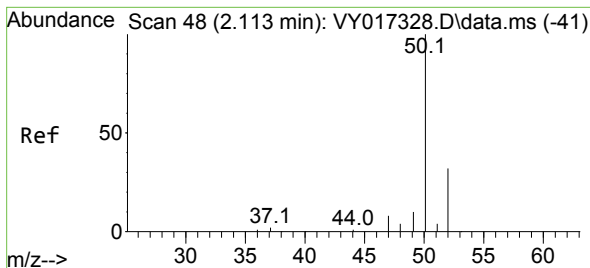
Tgt Ion:168 Resp: 113876
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.671 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 85 Resp: 16981
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3





#3

Chloromethane

Concen: 18.595 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

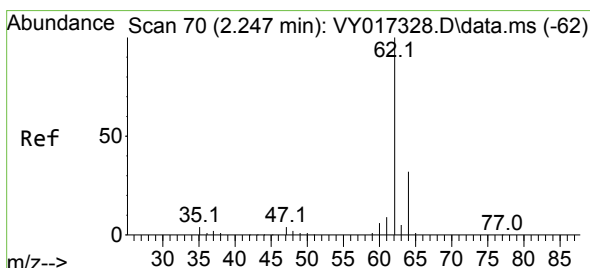
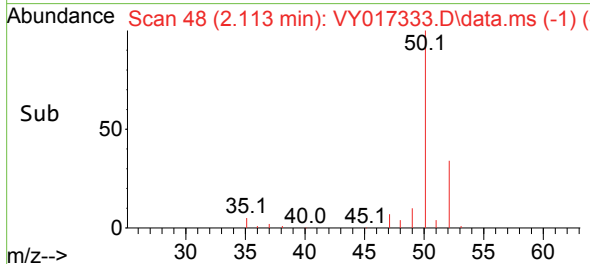
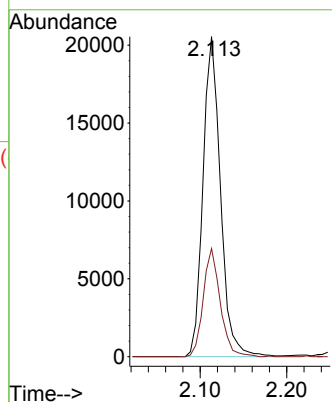
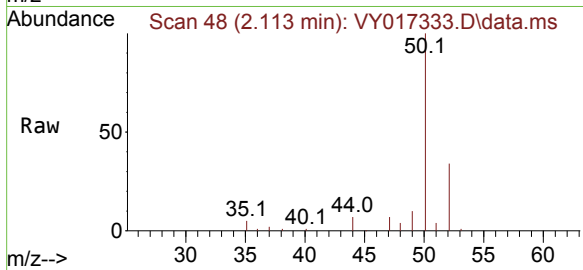
VY0209SBSD01

Tgt Ion: 50 Resp: 28837

Ion Ratio Lower Upper

50 100

52 33.8 26.7 40.1



#4

Vinyl Chloride

Concen: 18.703 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY017333.D

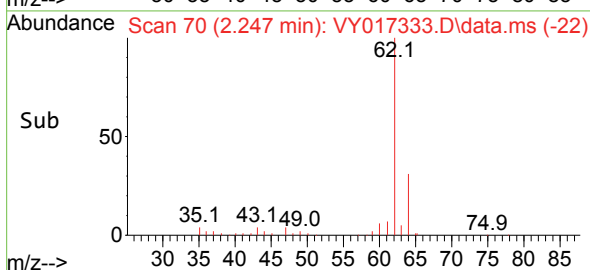
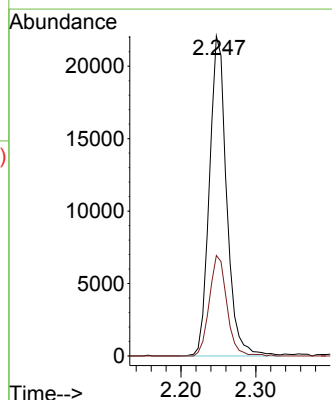
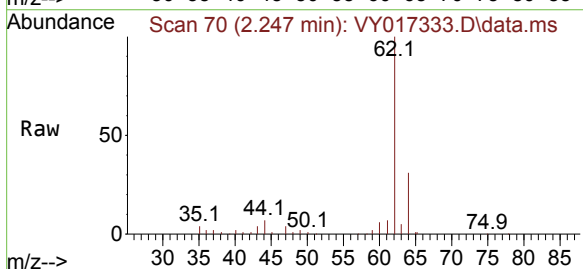
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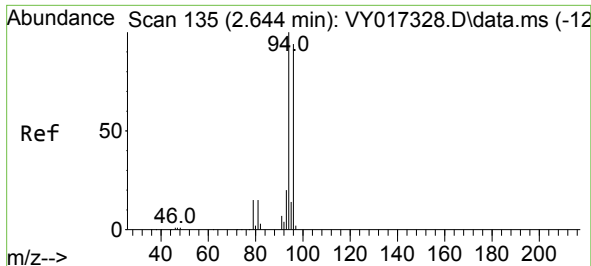
Tgt Ion: 62 Resp: 35345

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5

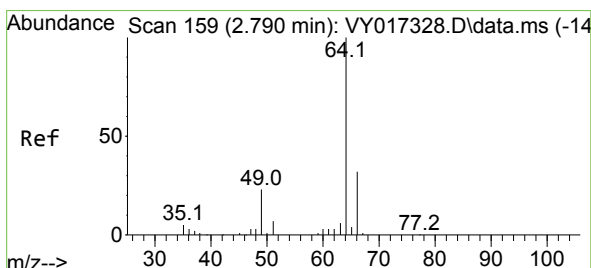
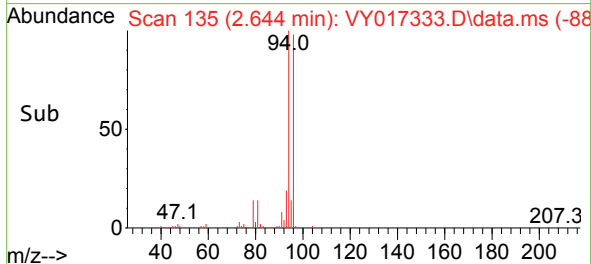
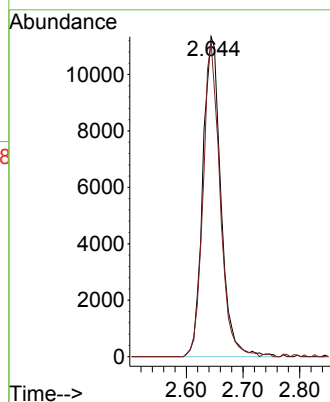
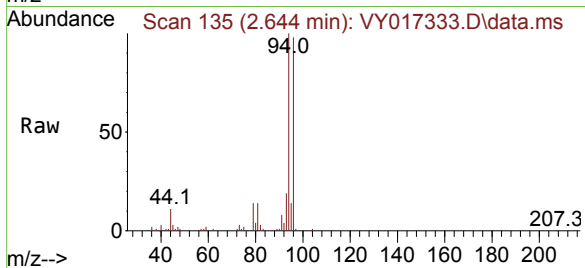




#5
Bromomethane
Concen: 19.114 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

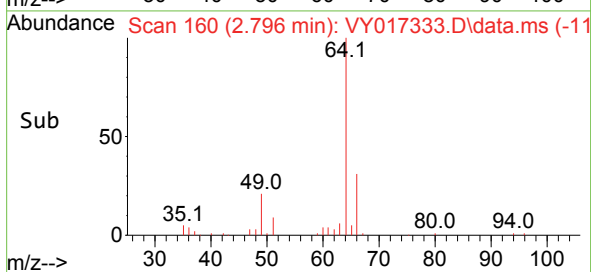
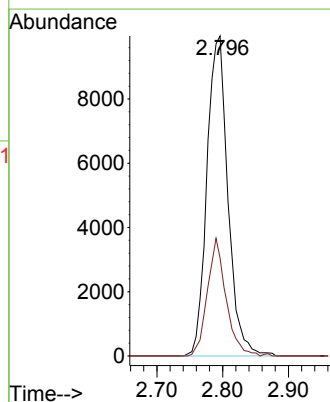
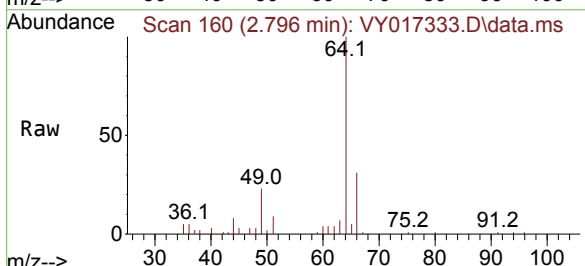
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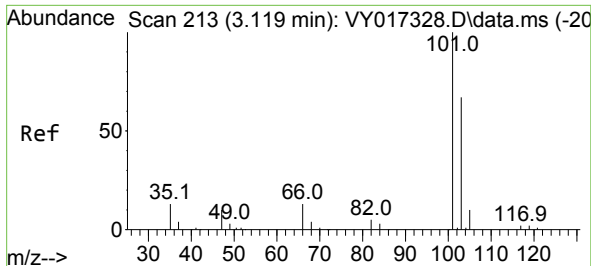
Tgt Ion: 94 Resp: 25039
Ion Ratio Lower Upper
94 100
96 98.3 77.3 115.9



#6
Chloroethane
Concen: 18.135 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 64 Resp: 22129
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7

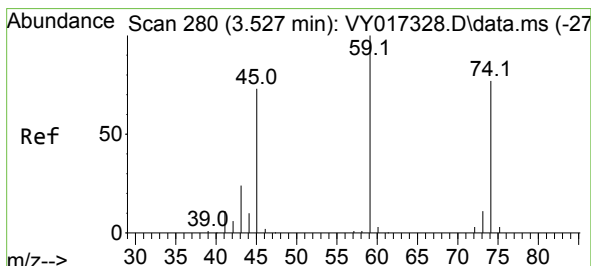
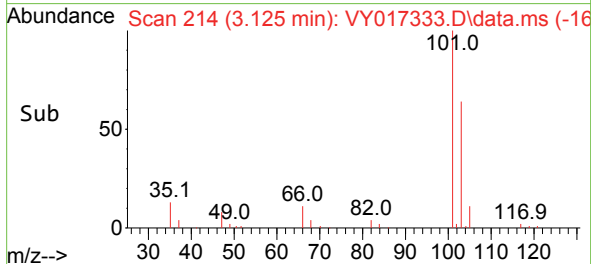
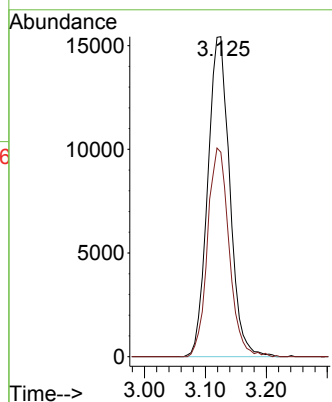
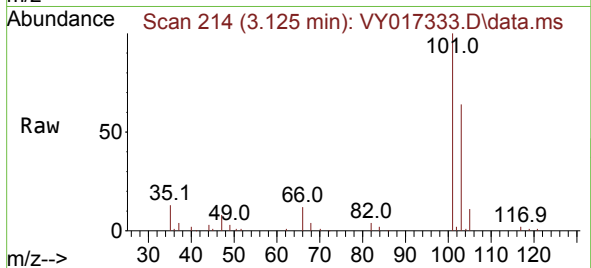




#7
Trichlorofluoromethane
Concen: 19.876 ug/l
RT: 3.125 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

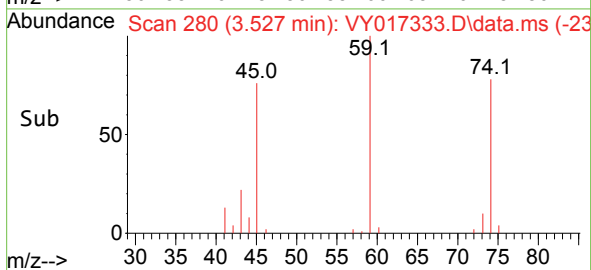
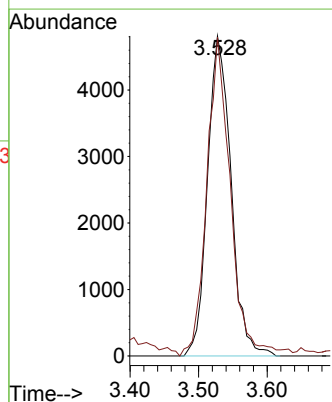
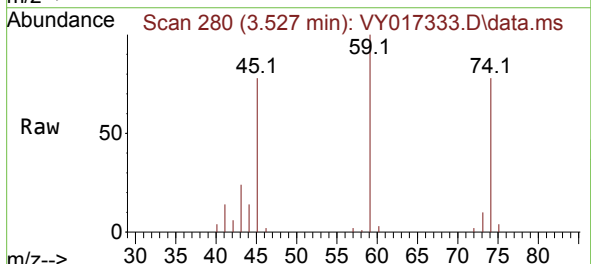
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

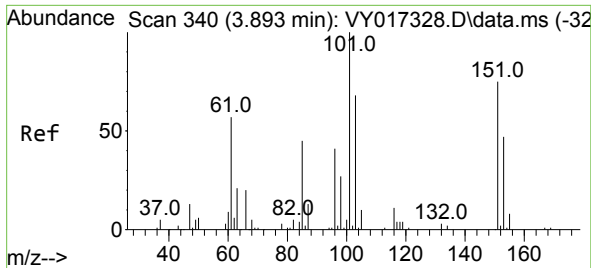
Tgt Ion:101 Resp: 38625
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9



#8
Diethyl Ether
Concen: 18.777 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 74 Resp: 11478
Ion Ratio Lower Upper
74 100
45 100.3 47.9 143.7

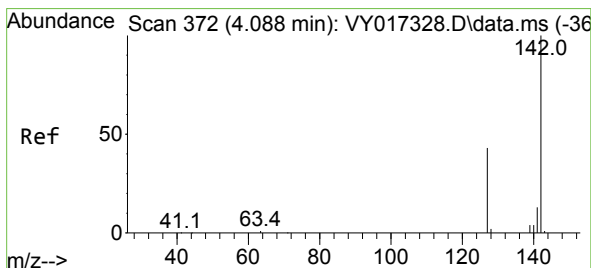
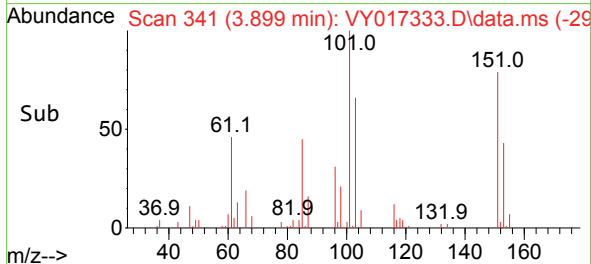
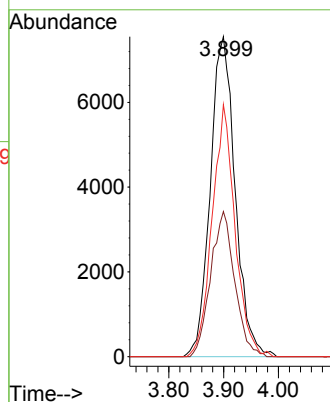
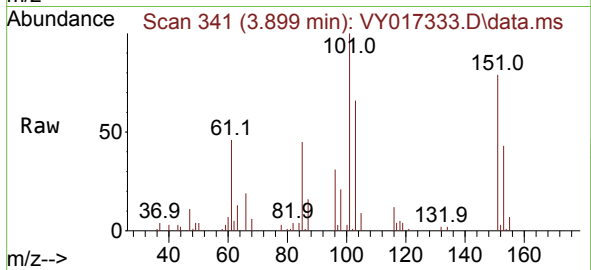




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.180 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017333.D
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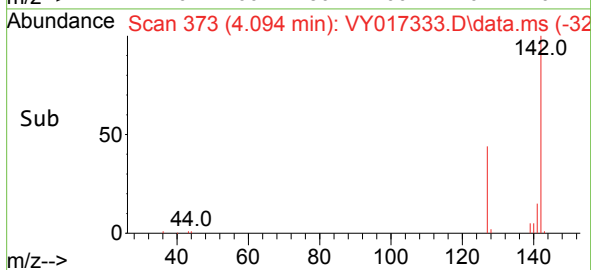
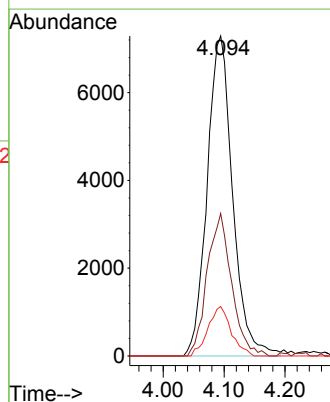
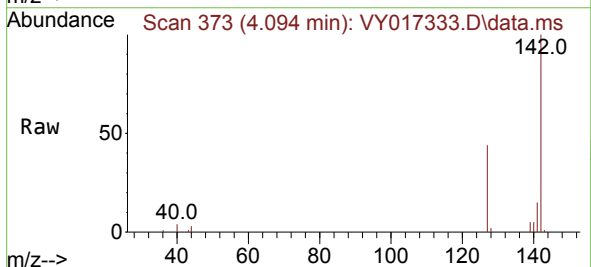
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

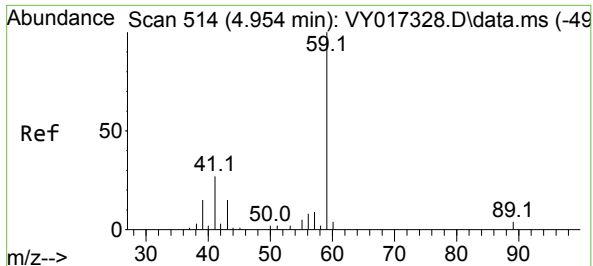
Tgt Ion:101 Resp: 23772
Ion Ratio Lower Upper
101 100
85 44.0 35.8 53.6
151 72.5 58.6 88.0



#10
Methyl Iodide
Concen: 17.093 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion:142 Resp: 21169
Ion Ratio Lower Upper
142 100
127 42.7 35.1 52.7
141 14.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 99.179 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

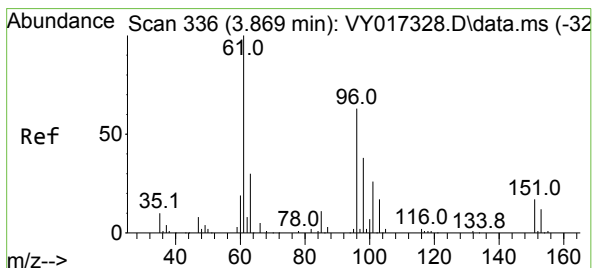
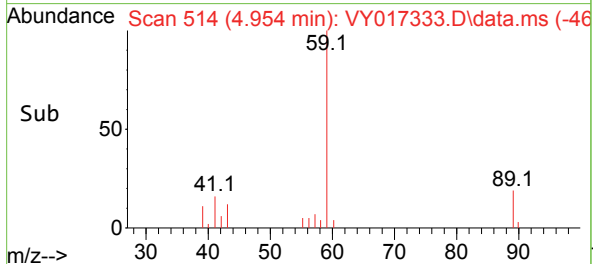
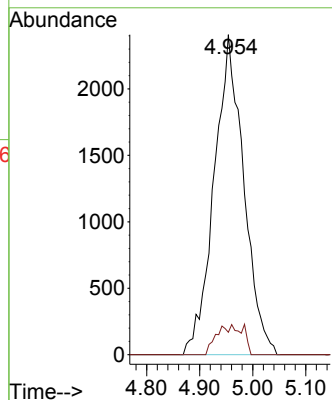
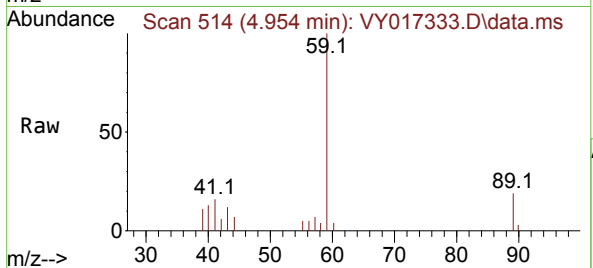
VY0209SBS01

Tgt Ion: 59 Resp: 9344

Ion Ratio Lower Upper

59 100

57 4.1 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 18.050 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

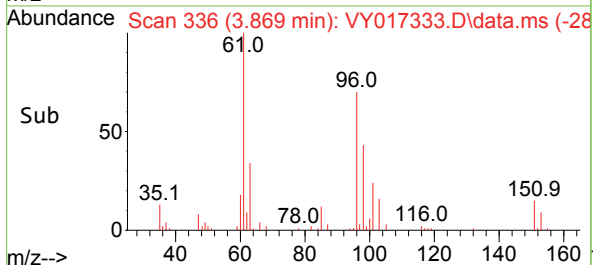
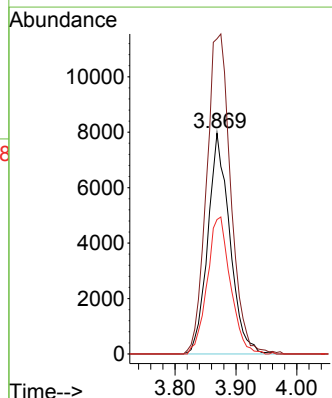
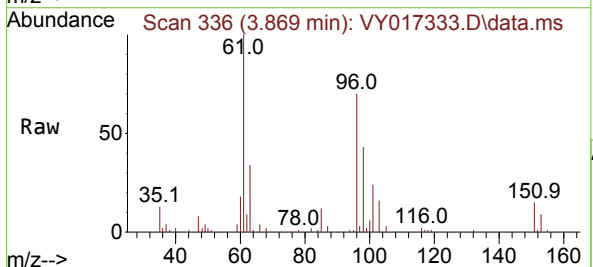
Tgt Ion: 96 Resp: 19924

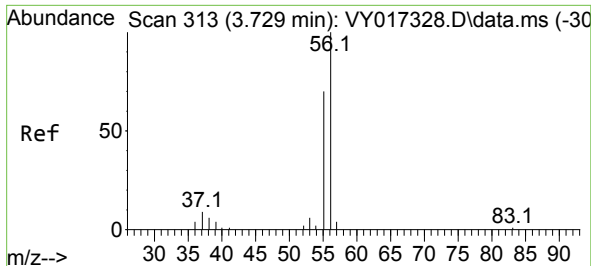
Ion Ratio Lower Upper

96 100

61 142.7 124.2 186.2

98 60.8 52.6 79.0





#13

Acrolein

Concen: 85.928 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.005 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

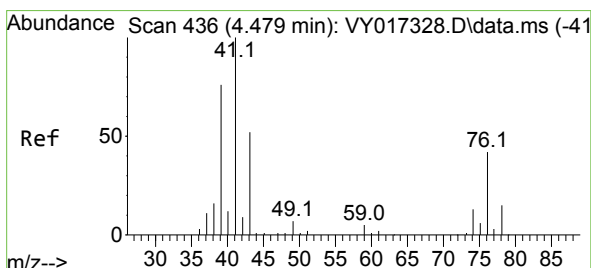
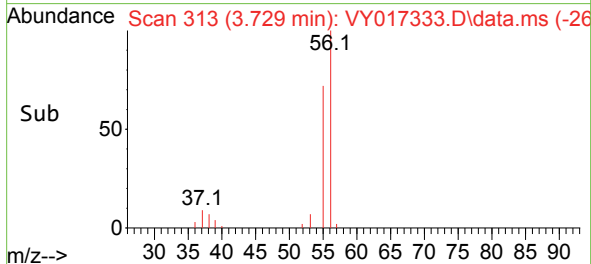
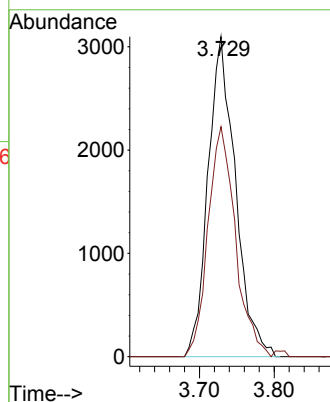
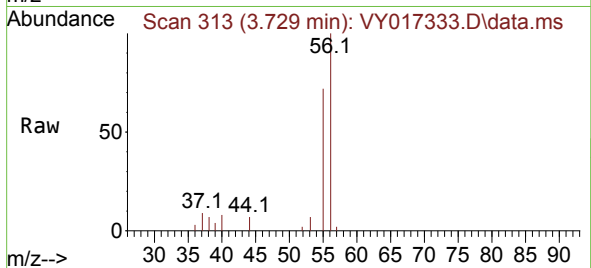
VY0209SBS01

Tgt Ion: 56 Resp: 7891

Ion Ratio Lower Upper

56 100

55 71.8 55.4 83.0



#14

Allyl chloride

Concen: 18.122 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

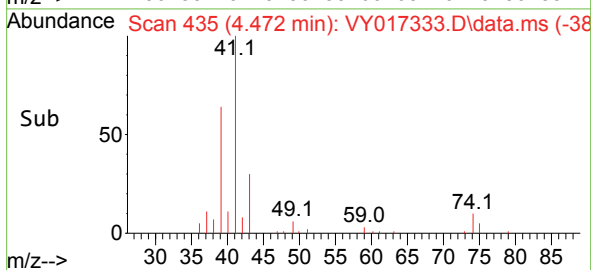
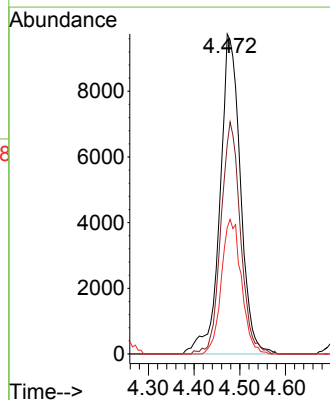
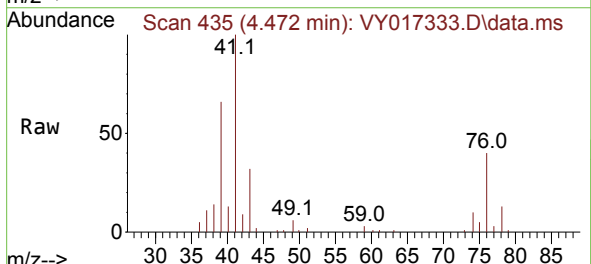
Tgt Ion: 41 Resp: 30241

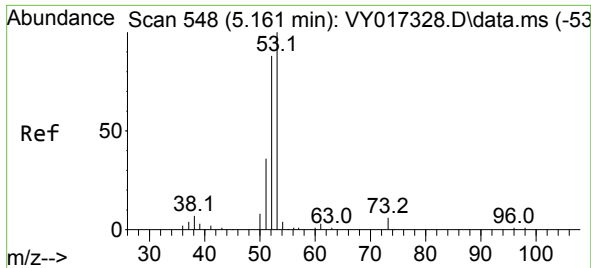
Ion Ratio Lower Upper

41 100

39 69.5 54.7 82.1

76 41.2 31.8 47.6

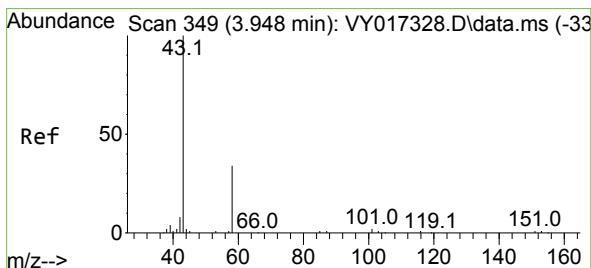
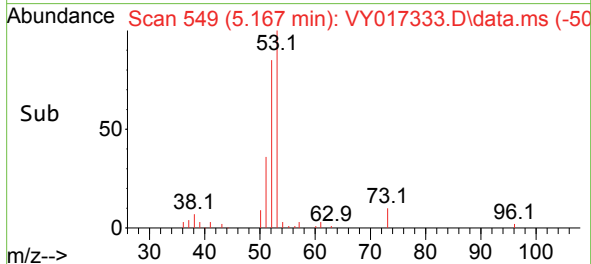
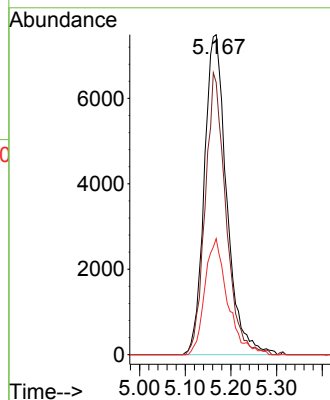
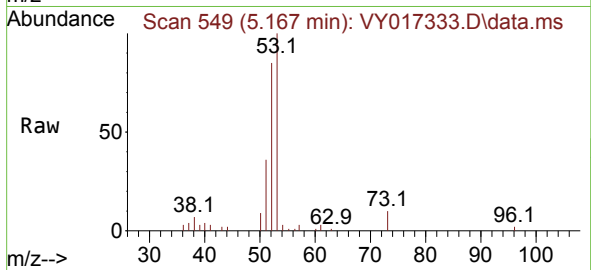




#15
Acrylonitrile
Concen: 92.686 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

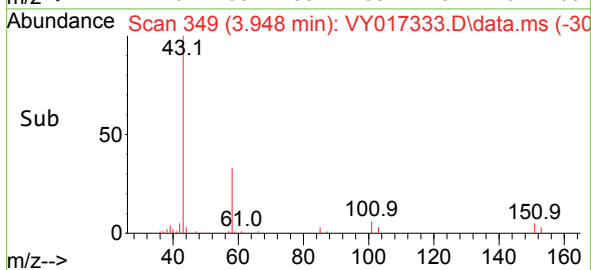
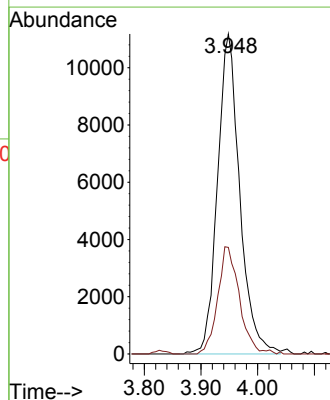
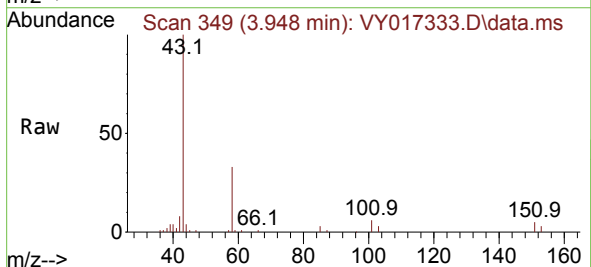
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

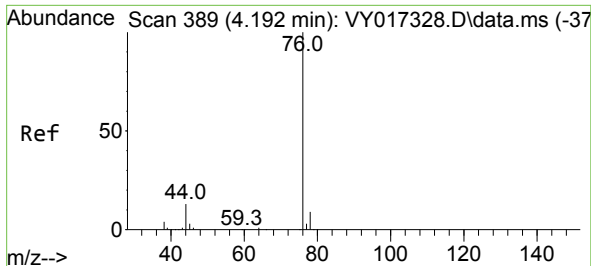
Tgt Ion:	53	Resp:	25509
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	36.9	29.0	43.4



#16
Acetone
Concen: 101.840 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion:	43	Resp:	30450
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.6	39.8

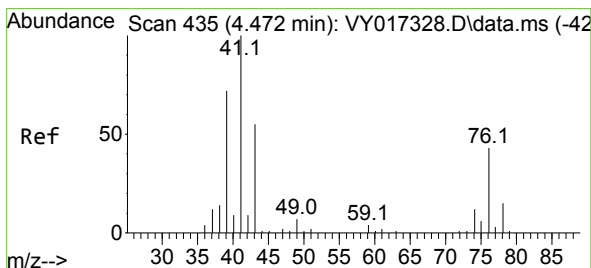
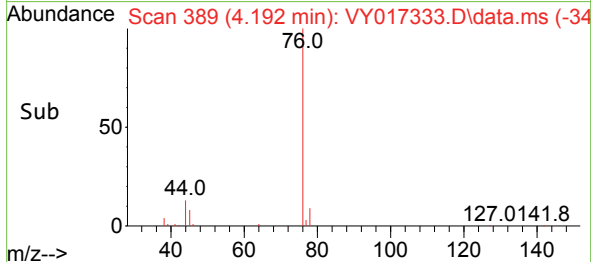
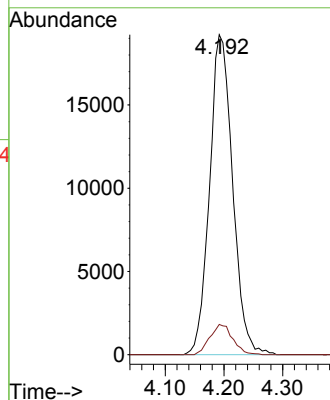
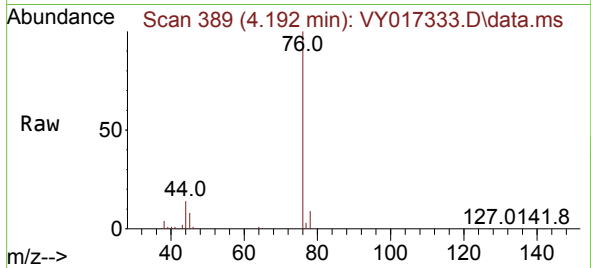




#17
Carbon Disulfide
Concen: 14.888 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.012 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

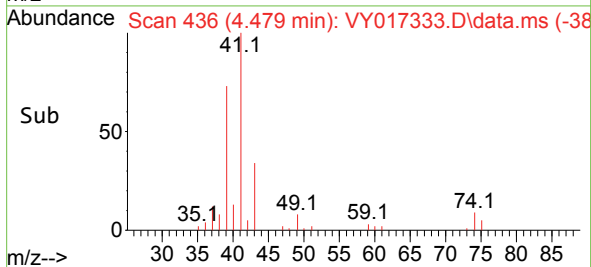
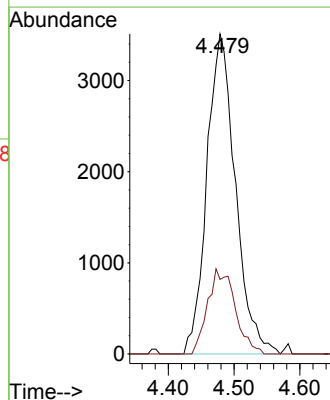
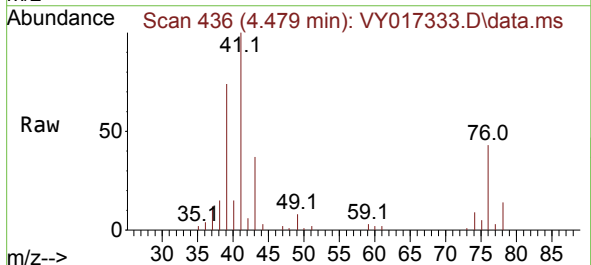
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

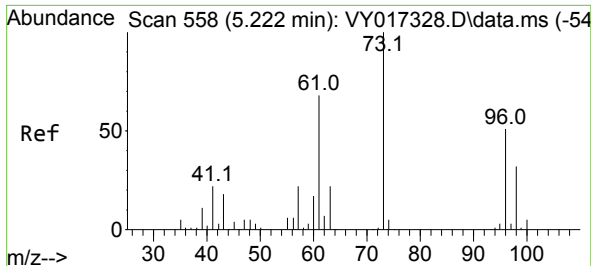
Tgt Ion: 76 Resp: 52459
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 15.889 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 43 Resp: 10598
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6

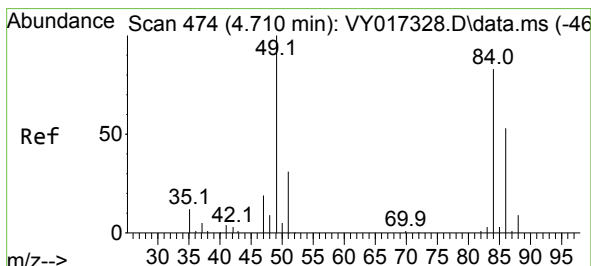
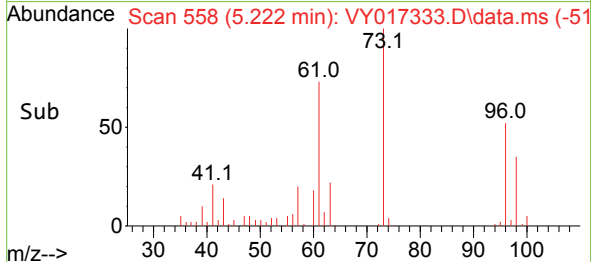
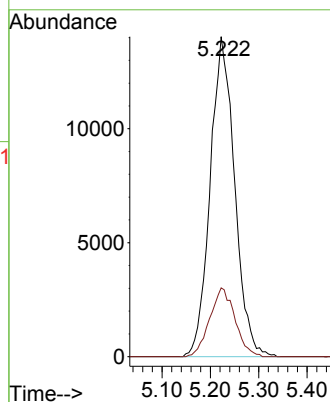
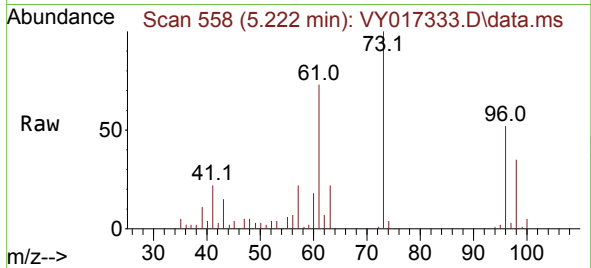




#19
Methyl tert-butyl Ether
Concen: 18.539 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

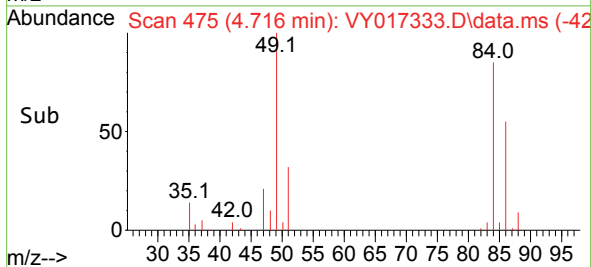
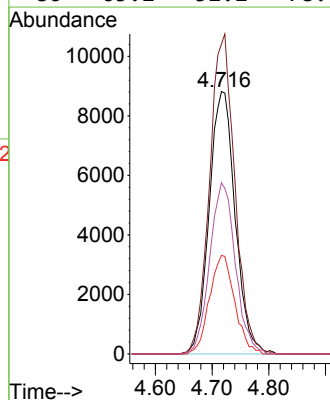
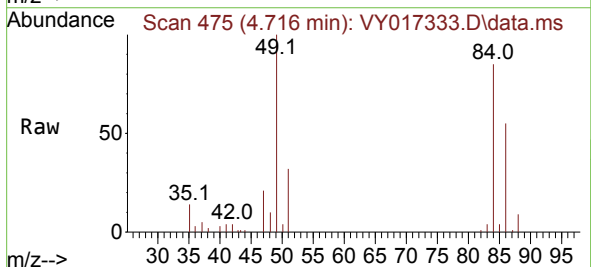
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

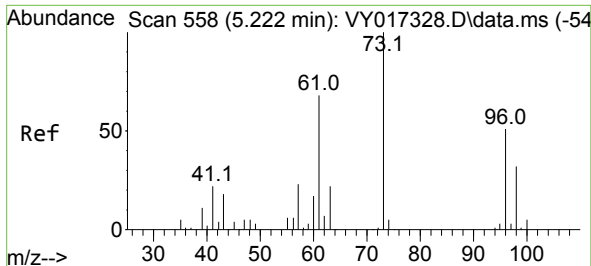
Tgt Ion: 73 Resp: 49285
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 20.884 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

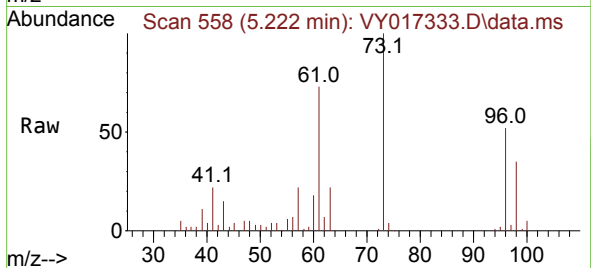
Tgt Ion: 84 Resp: 28073
Ion Ratio Lower Upper
84 100
49 118.1 95.2 142.8
51 37.6 29.9 44.9
86 65.2 52.2 78.4





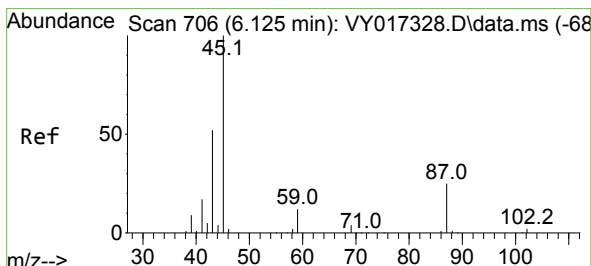
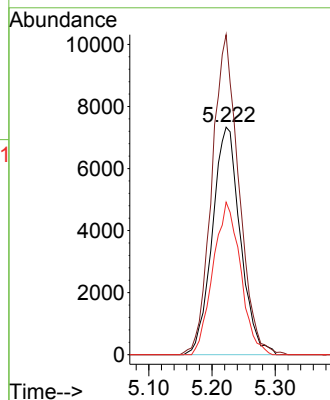
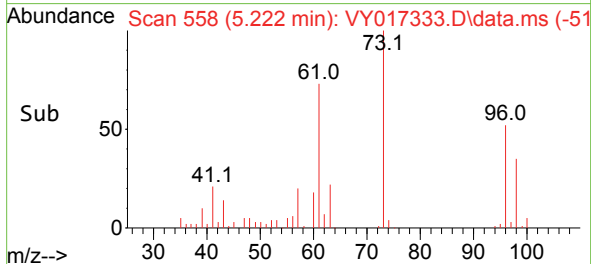
#21
trans-1,2-Dichloroethene
Concen: 17.894 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

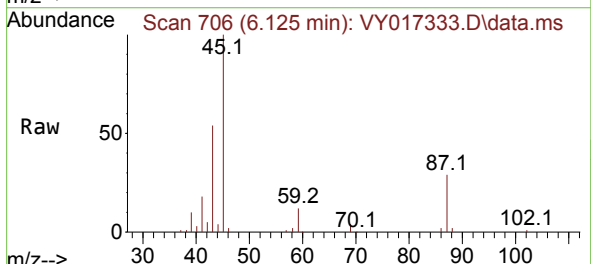


Tgt Ion: 96 Resp: 22470

Ion	Ratio	Lower	Upper
96	100		
61	140.6	104.6	156.8
98	67.0	50.9	76.3

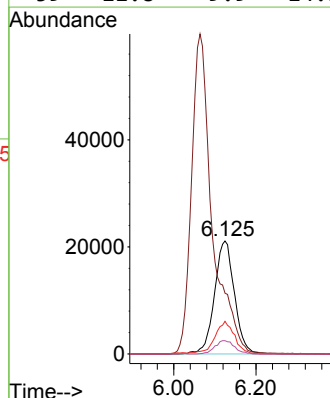
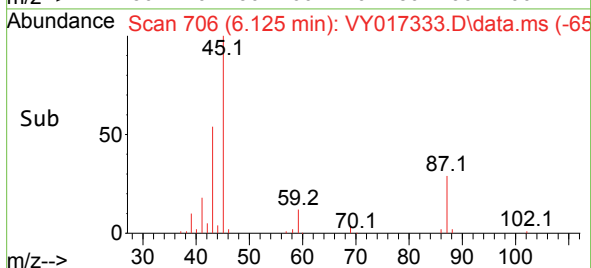


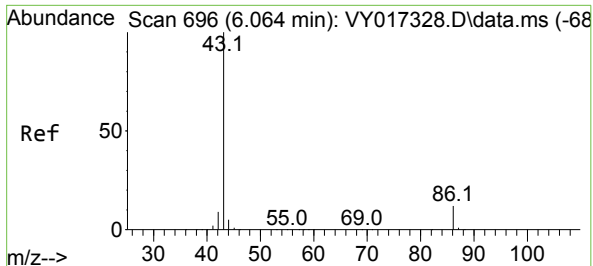
#22
Diisopropyl ether
Concen: 19.404 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26



Tgt Ion: 45 Resp: 71108

Ion	Ratio	Lower	Upper
45	100		
43	53.1	46.8	70.2
87	28.9	22.2	33.2
59	11.8	9.9	14.9

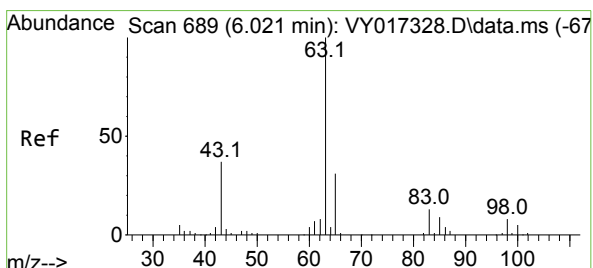
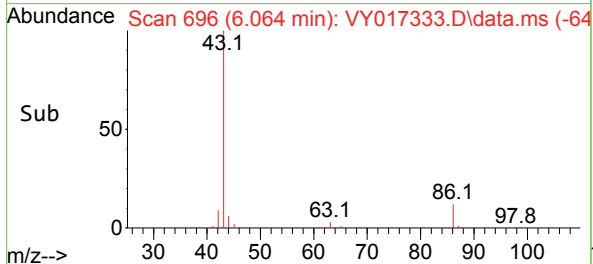
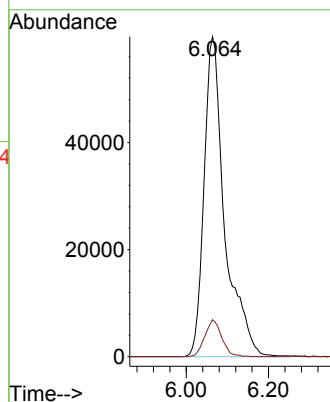
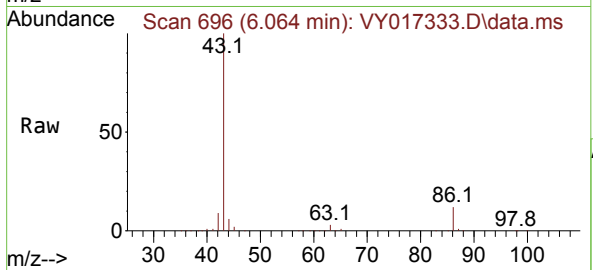




#23
 Vinyl Acetate
 Concen: 93.843 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY017333.D
 Acq: 09 Feb 2024 12:26

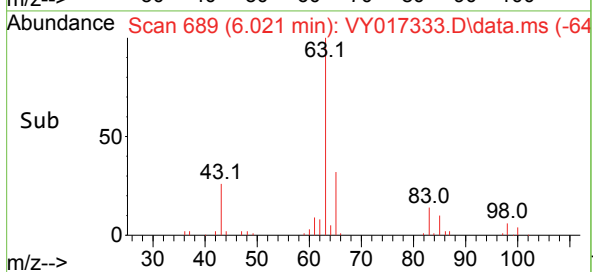
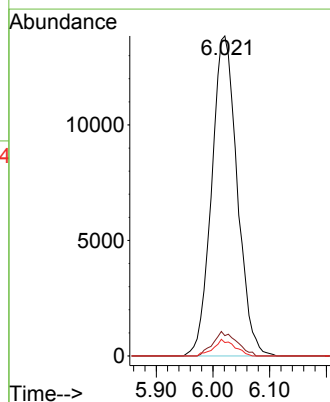
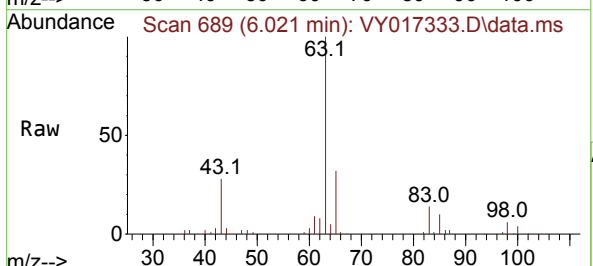
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

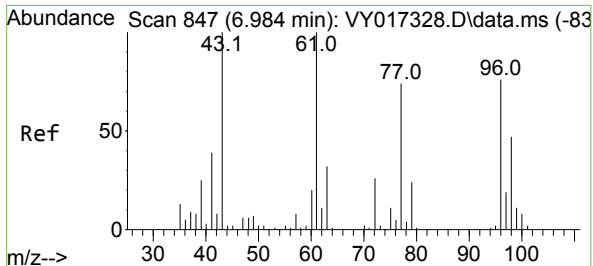
Tgt Ion: 43 Resp: 208372
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.322 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY017333.D
 Acq: 09 Feb 2024 12:26

Tgt Ion: 63 Resp: 43375
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 97.856 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

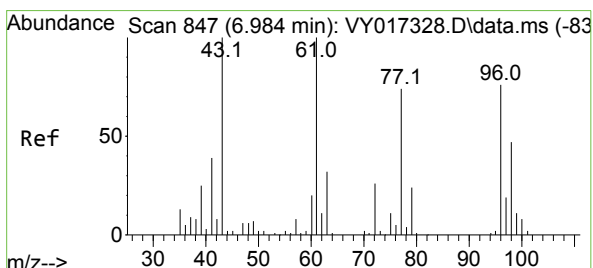
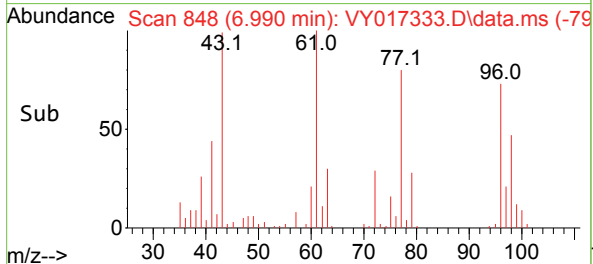
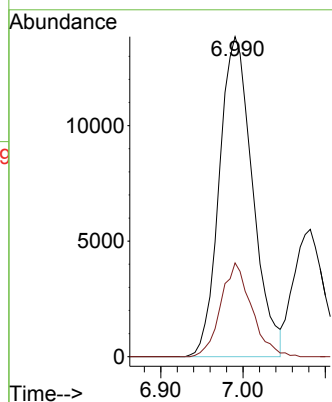
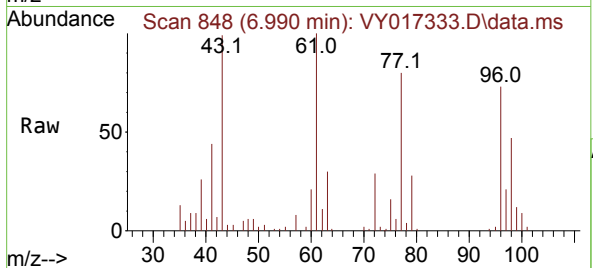
VY0209SBSD01

Tgt Ion: 43 Resp: 38896

Ion Ratio Lower Upper

43 100

72 29.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.164 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017333.D

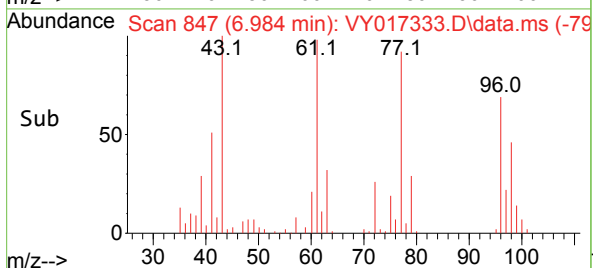
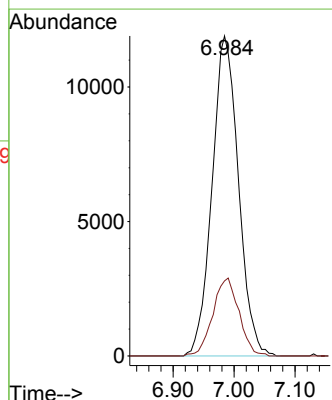
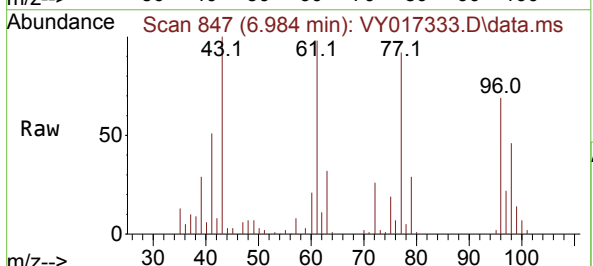
Acq: 09 Feb 2024 12:26

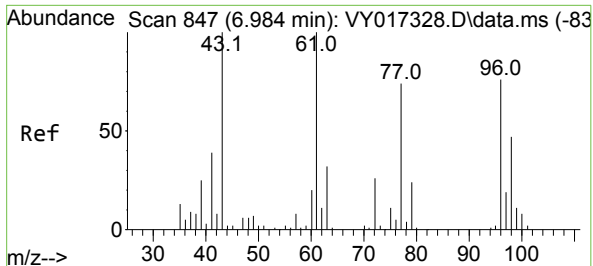
Tgt Ion: 77 Resp: 35785

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.891 ug/l

RT: 6.990 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

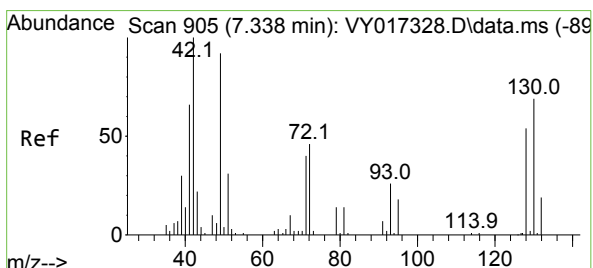
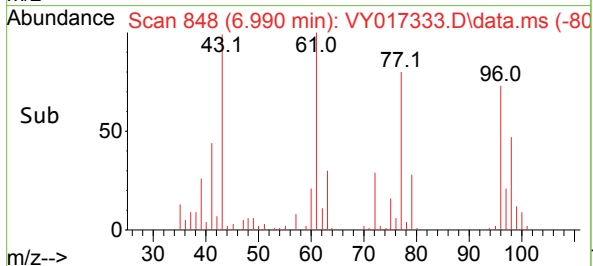
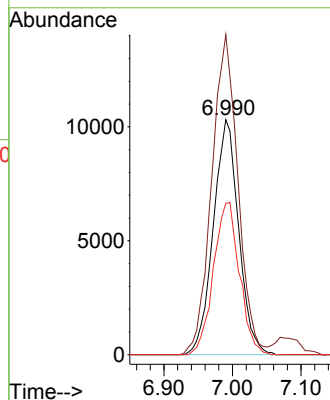
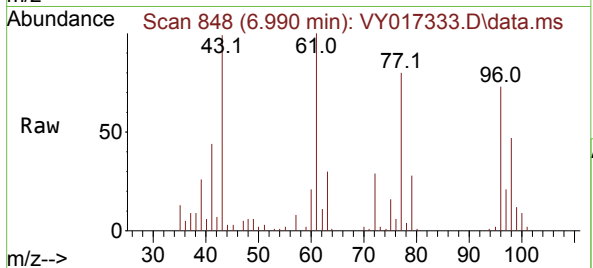
Tgt Ion: 96 Resp: 26531

Ion Ratio Lower Upper

96 100

61 140.8 0.0 278.8

98 66.3 0.0 127.0



#28

Bromochloromethane

Concen: 18.344 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

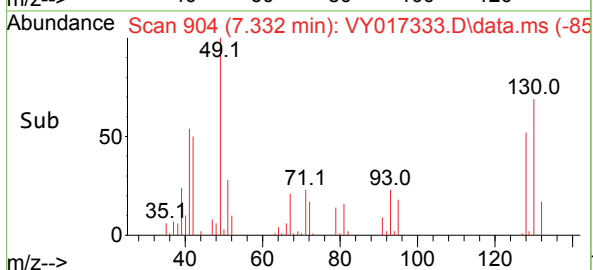
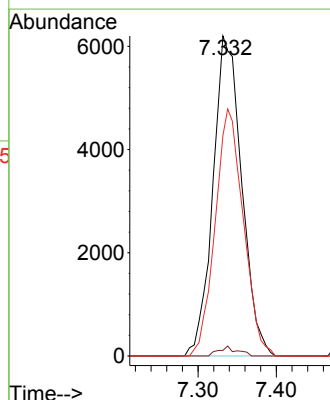
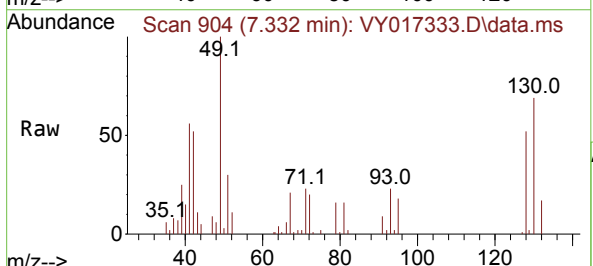
Tgt Ion: 49 Resp: 15768

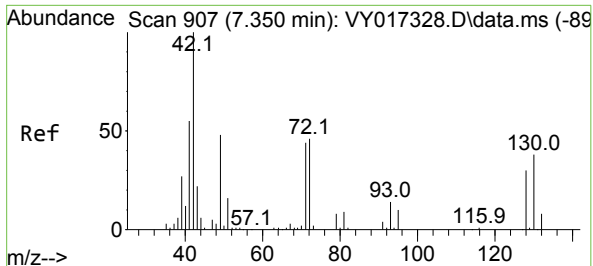
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 90.240 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

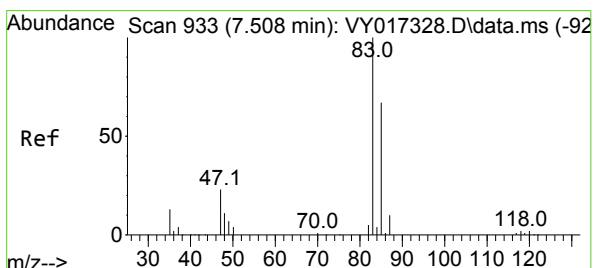
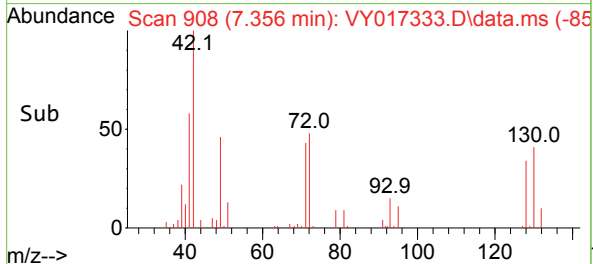
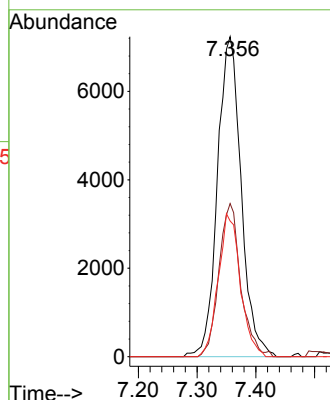
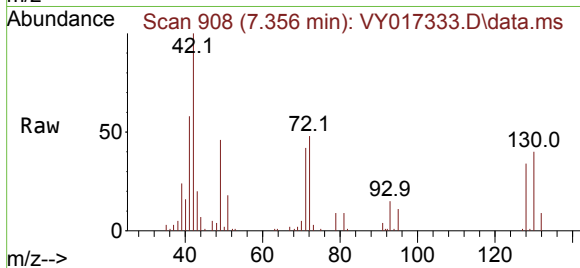
Tgt Ion: 42 Resp: 20262

Ion Ratio Lower Upper

42 100

72 44.2 36.6 54.8

71 41.5 33.8 50.6



#30

Chloroform

Concen: 20.209 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY017333.D

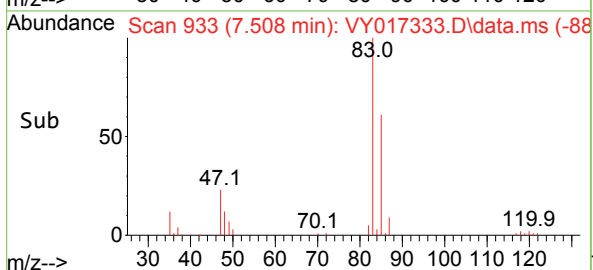
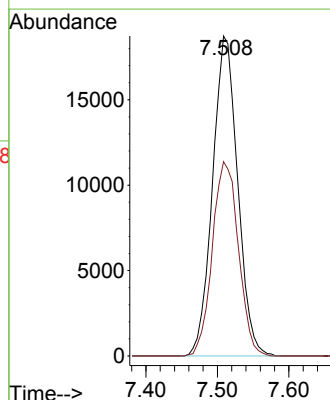
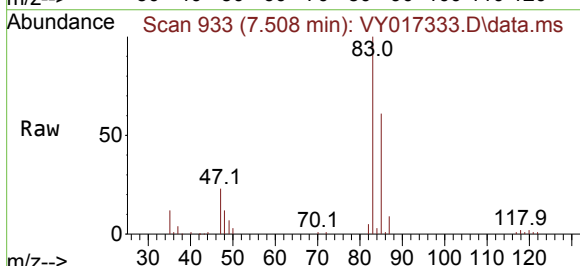
Acq: 09 Feb 2024 12:26

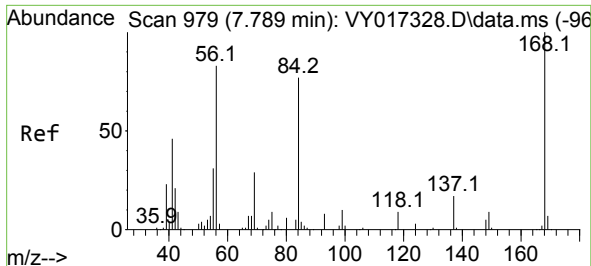
Tgt Ion: 83 Resp: 45639

Ion Ratio Lower Upper

83 100

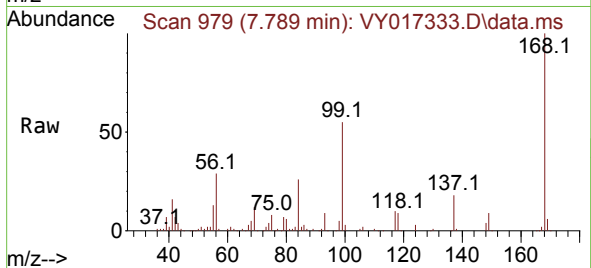
85 60.7 51.2 76.8



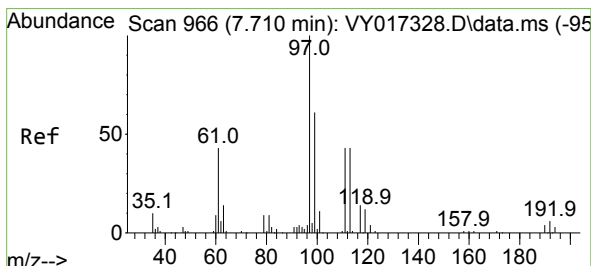
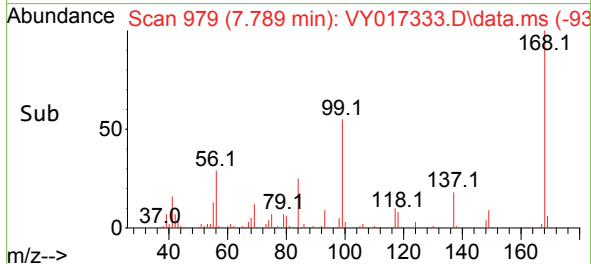
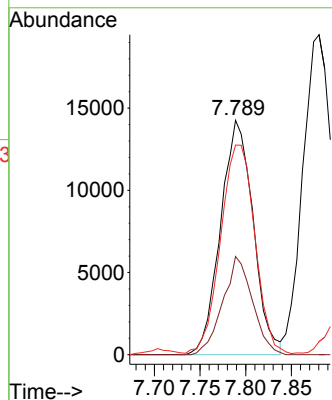


#31
Cyclohexane
Concen: 17.260 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

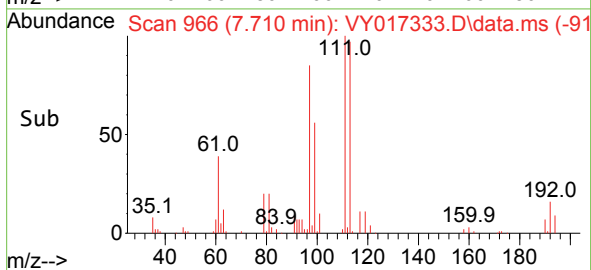
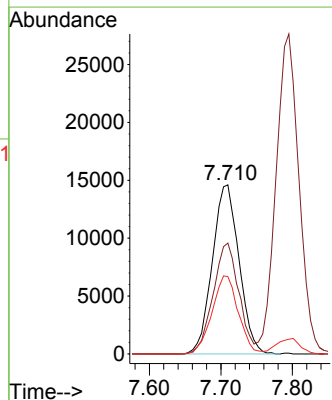
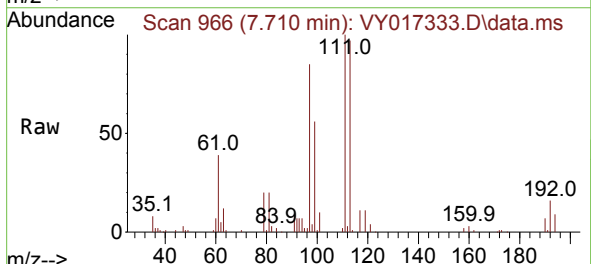


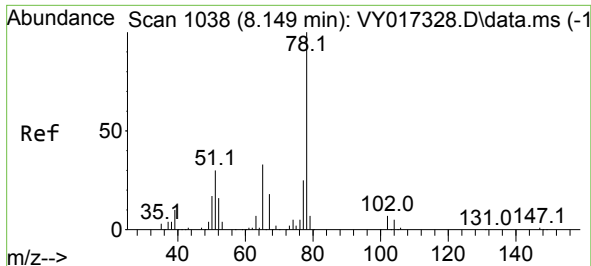
Tgt Ion: 56 Resp: 35392
Ion Ratio Lower Upper
56 100
69 41.9 27.0 40.6#
84 88.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.476 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 97 Resp: 37832
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 45.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.318 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

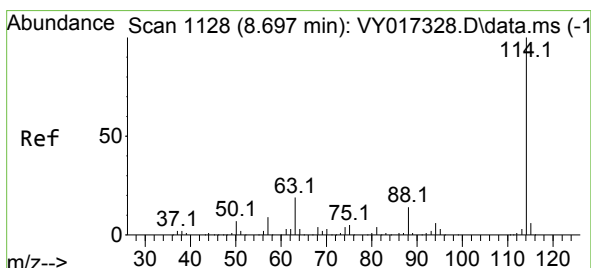
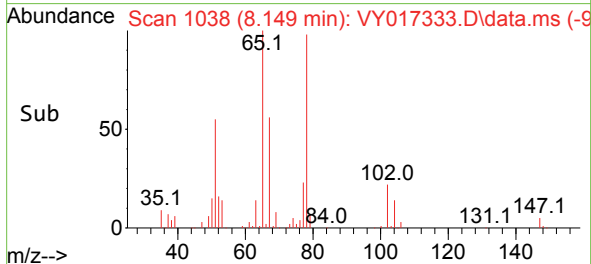
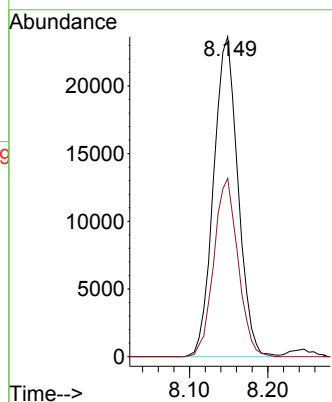
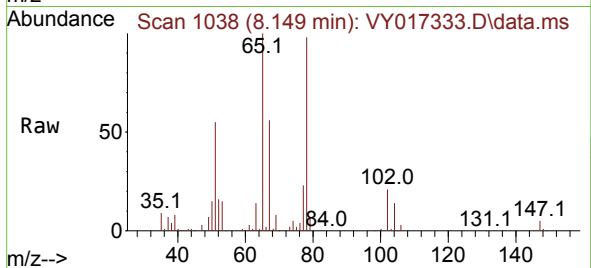
VY0209SBS01

Tgt Ion: 65 Resp: 51188

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

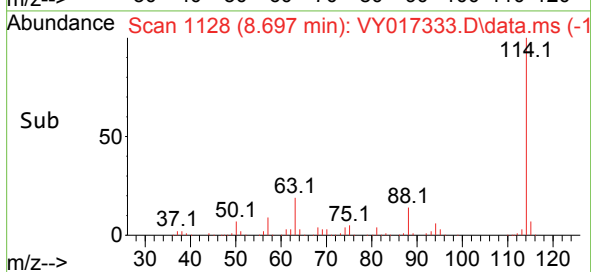
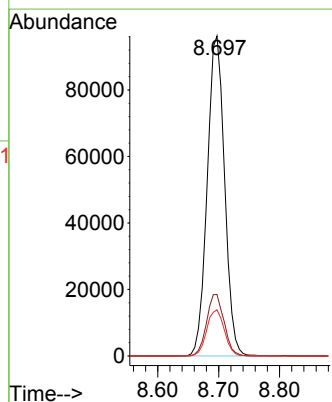
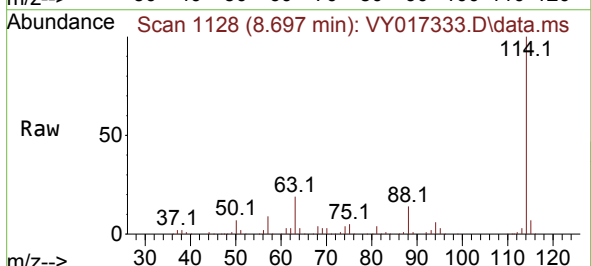
Tgt Ion: 114 Resp: 190346

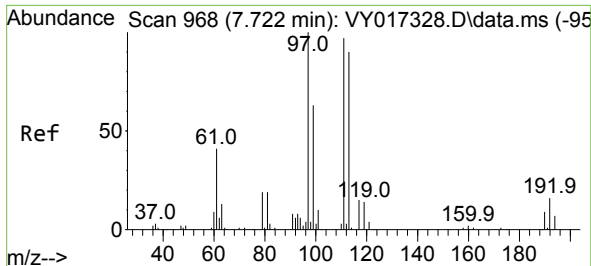
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.5 0.0 29.0

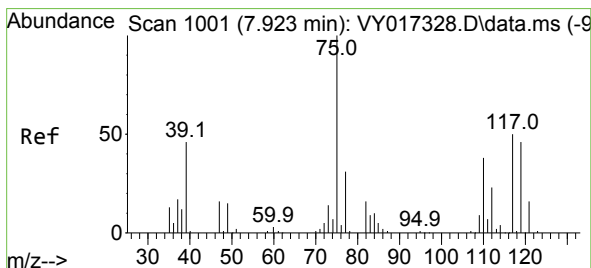
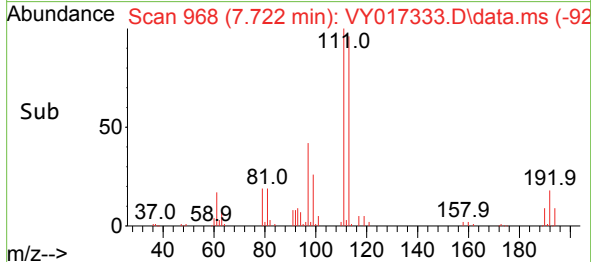
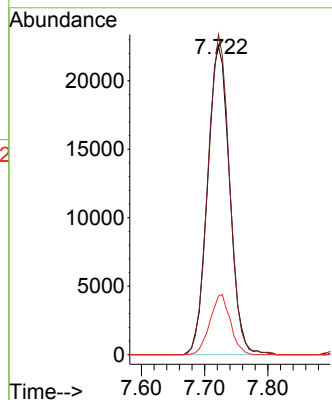
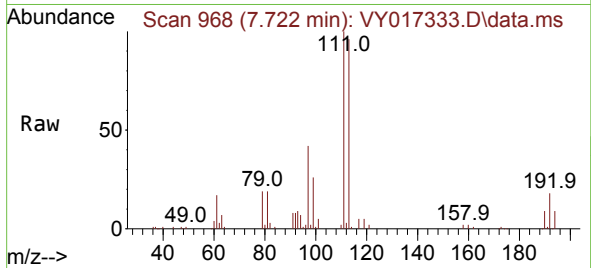




#35
Dibromofluoromethane
Concen: 53.245 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

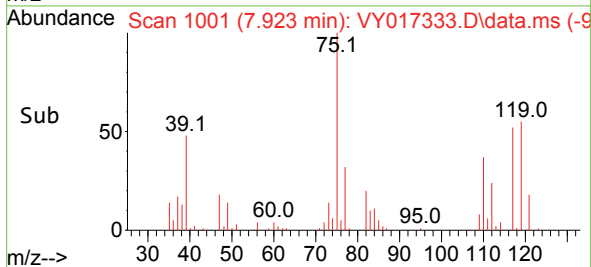
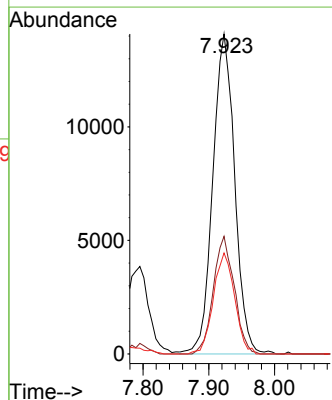
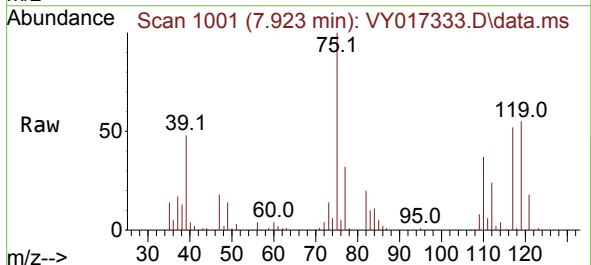
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

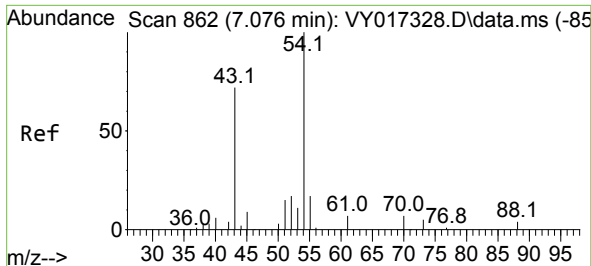
Tgt Ion:113 Resp: 54722
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 18.430 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 75 Resp: 32673
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 30.7 24.7 37.1

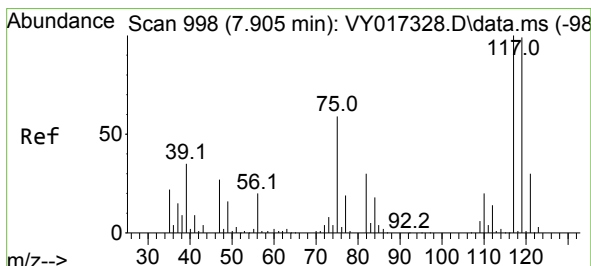
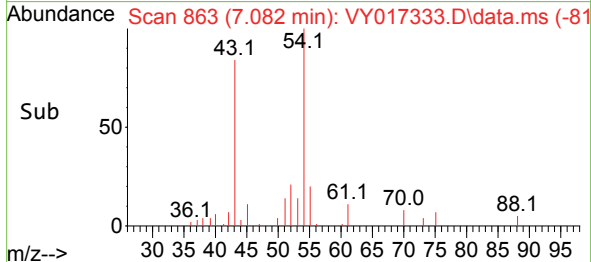
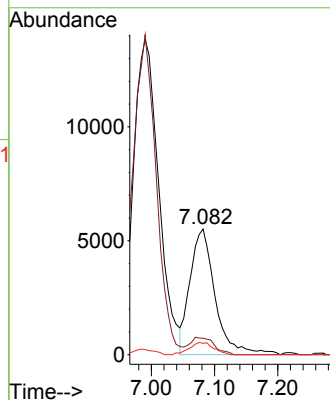
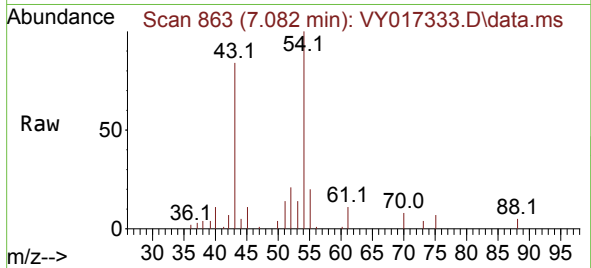




#37
Ethyl Acetate
Concen: 18.513 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

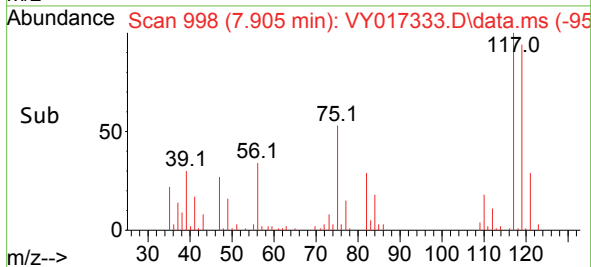
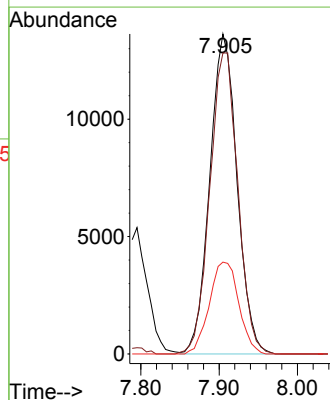
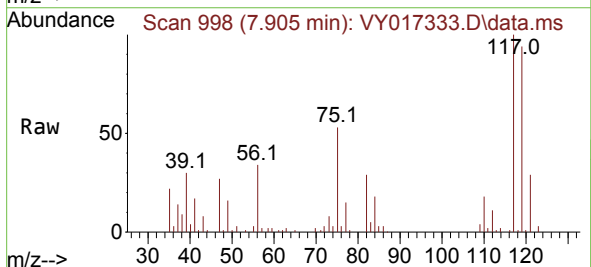
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

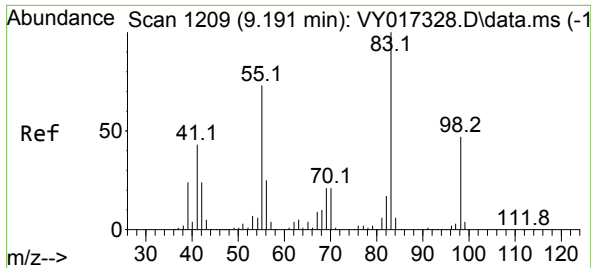
Tgt Ion: 43 Resp: 15222
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.429 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 117 Resp: 32978
Ion Ratio Lower Upper
117 100
119 94.1 76.0 114.0
121 28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 17.134 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBSD01

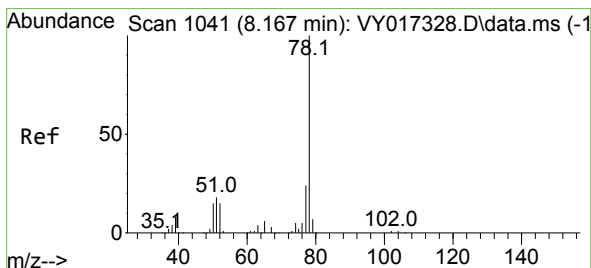
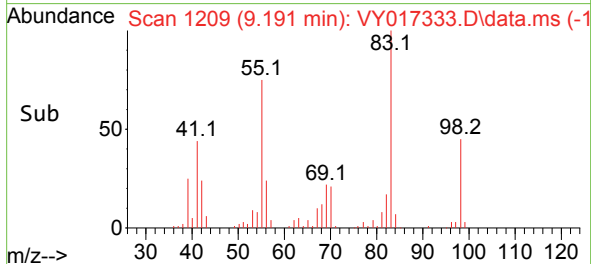
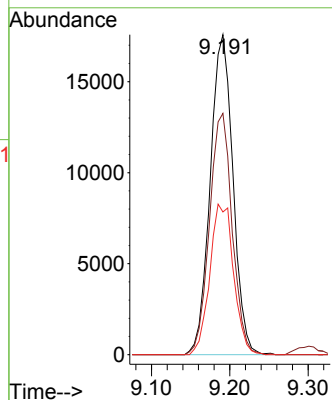
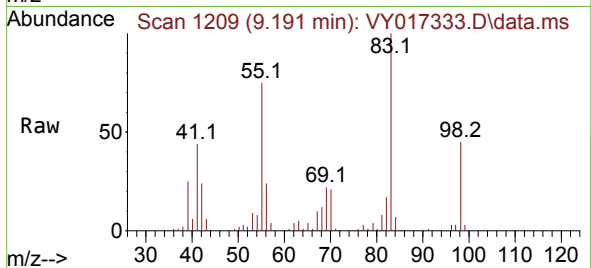
Tgt Ion: 83 Resp: 35486

Ion Ratio Lower Upper

83 100

55 75.4 59.7 89.5

98 44.6 38.0 57.0



#40

Benzene

Concen: 19.131 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017333.D

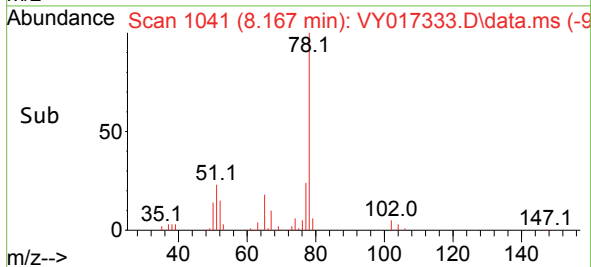
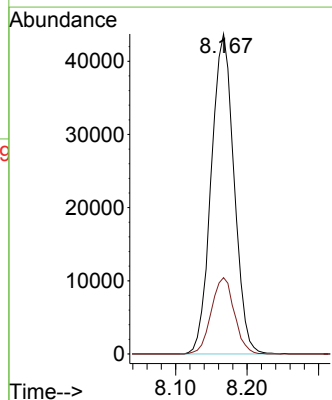
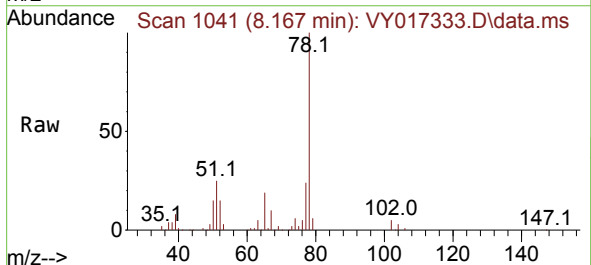
Acq: 09 Feb 2024 12:26

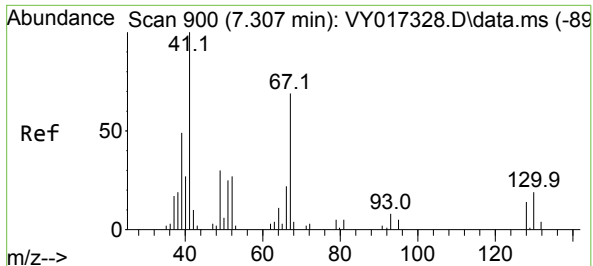
Tgt Ion: 78 Resp: 96851

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

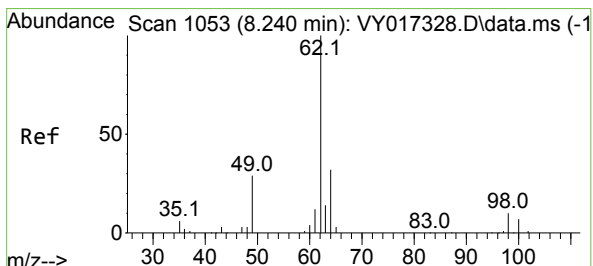
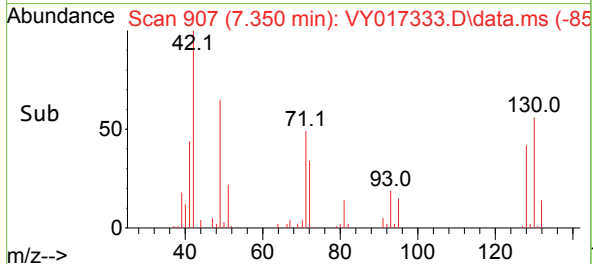
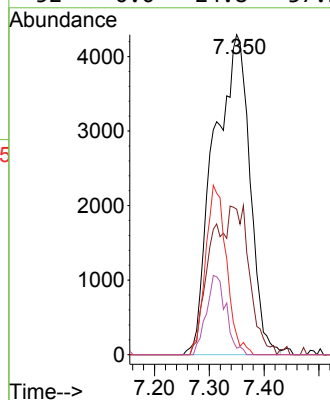
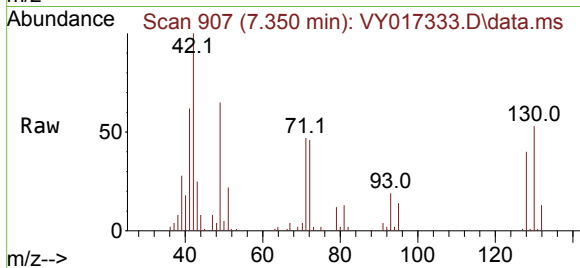




#41
Methacrylonitrile
Concen: 49.962 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

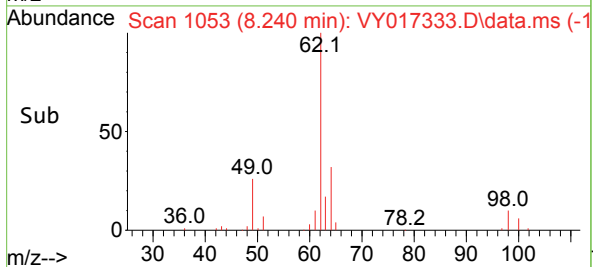
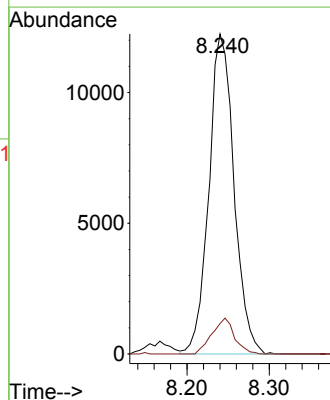
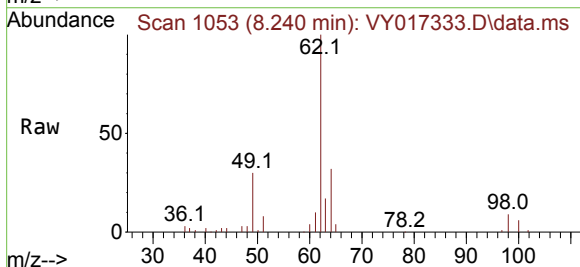
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

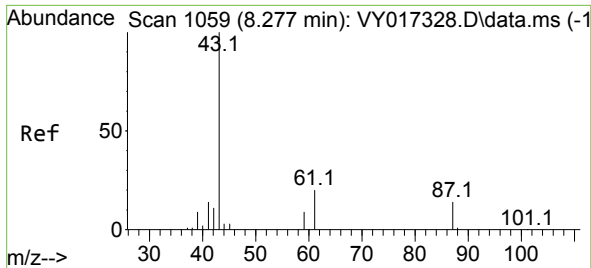
Tgt Ion:	41	Resp:	19464
Ion	Ratio	Lower	Upper
41	100		
39	26.4	41.9	62.9#
67	0.0	59.8	89.6#
52	0.0	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 19.397 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion:	62	Resp:	26000
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

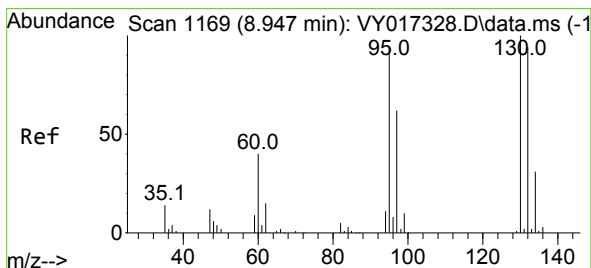
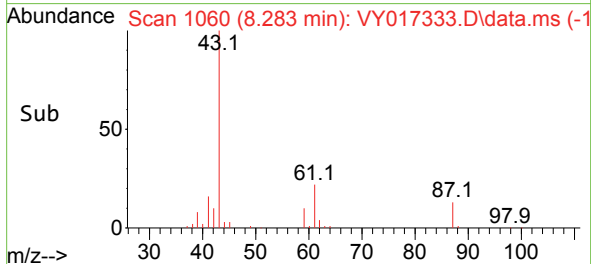
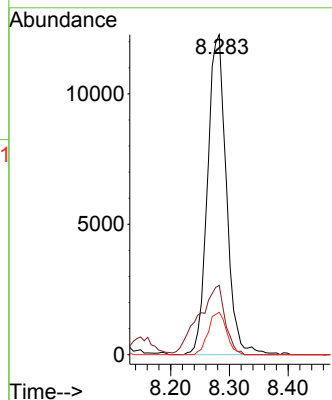
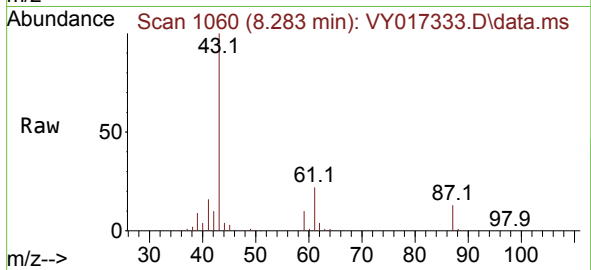




#43
Isopropyl Acetate
Concen: 18.740 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

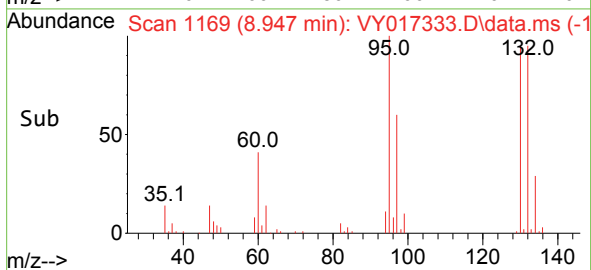
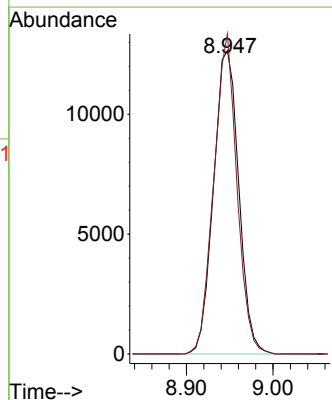
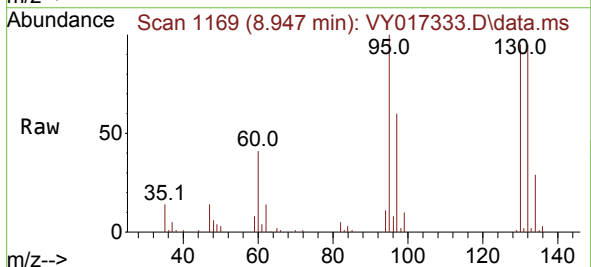
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

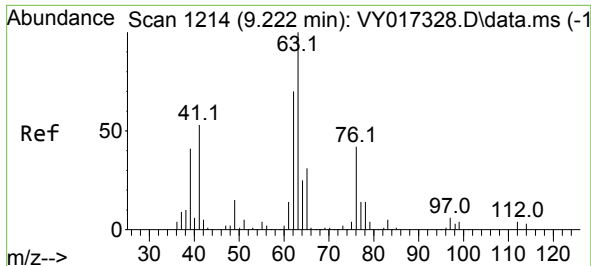
Tgt Ion: 43 Resp: 27277
Ion Ratio Lower Upper
43 100
61 30.3 24.8 37.2
87 12.9 10.7 16.1



#44
Trichloroethene
Concen: 19.876 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion:130 Resp: 25543
Ion Ratio Lower Upper
130 100
95 105.5 0.0 203.8

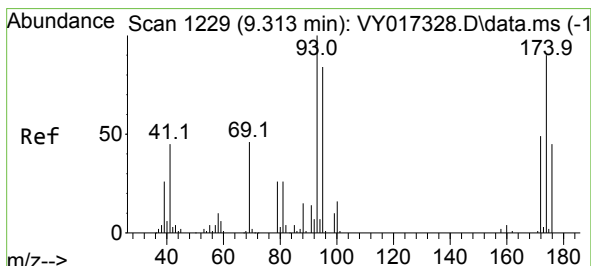
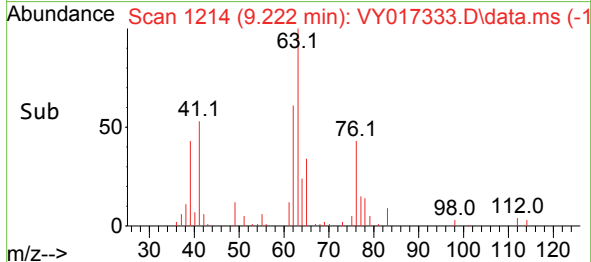
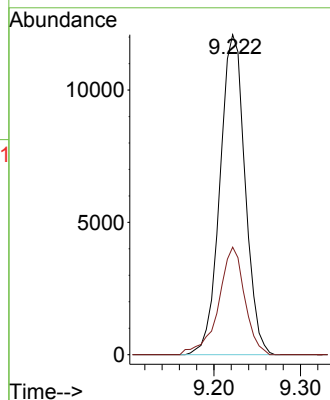
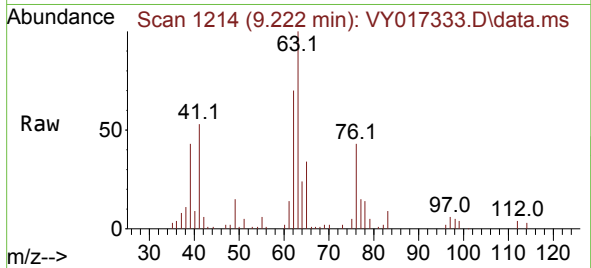




#45
1,2-Dichloropropane
Concen: 19.578 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

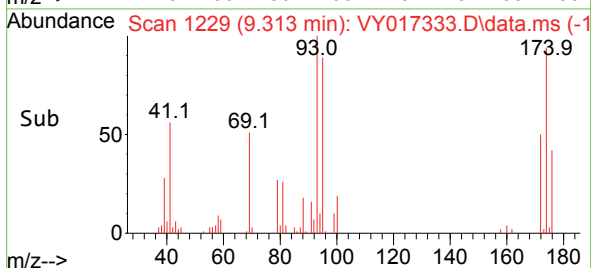
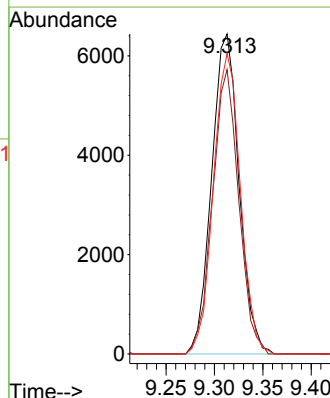
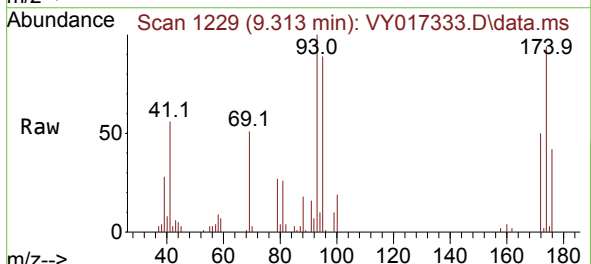
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

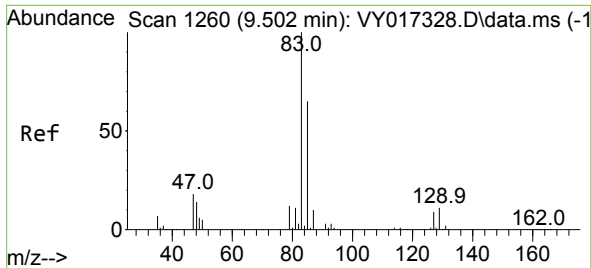
Tgt Ion: 63 Resp: 24345
Ion Ratio Lower Upper
63 100
65 33.6 24.6 36.8



#46
Dibromomethane
Concen: 18.887 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 93 Resp: 12687
Ion Ratio Lower Upper
93 100
95 85.1 66.6 99.8
174 92.2 73.8 110.6

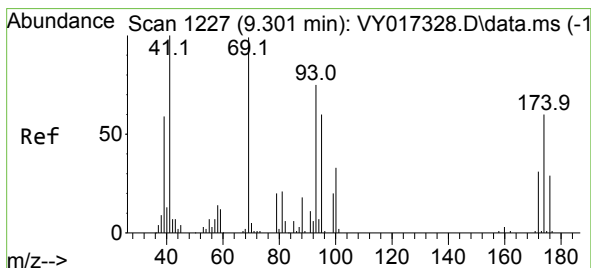
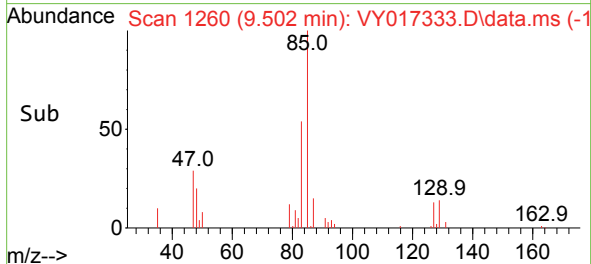
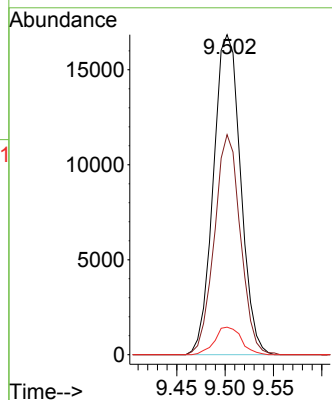
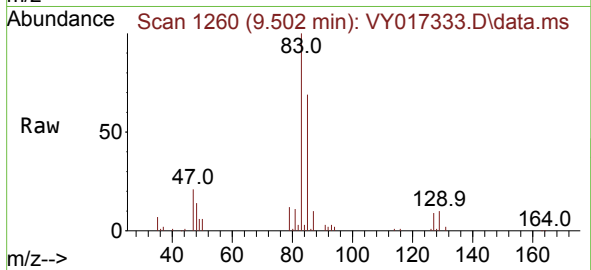




#47
Bromodichloromethane
Concen: 19.601 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

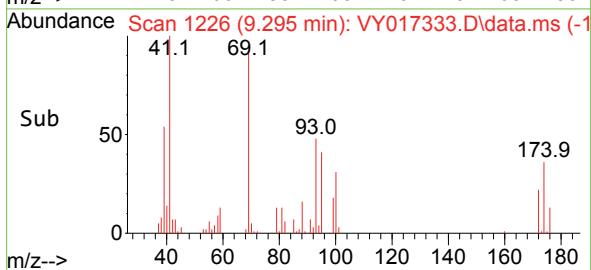
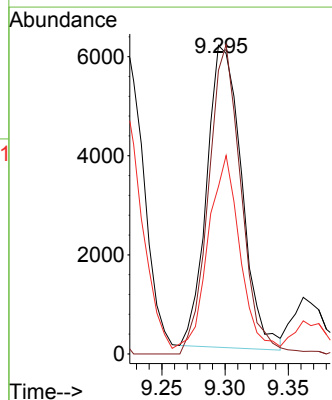
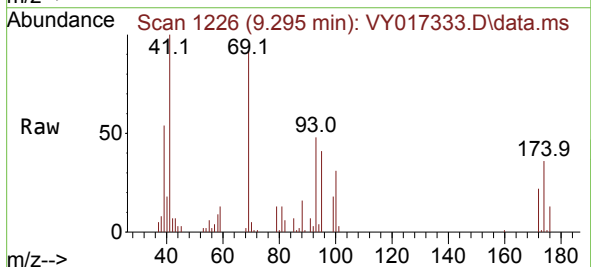
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

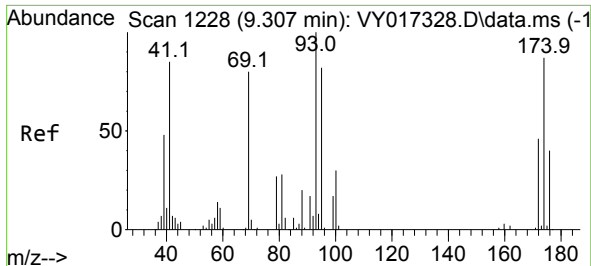
Tgt Ion: 83	Resp:	32950
Ion Ratio	Lower	Upper
83	100	
85	68.7	53.2 79.8
127	8.6	6.4 9.6



#48
Methyl methacrylate
Concen: 17.167 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 41	Resp:	11720
Ion Ratio	Lower	Upper
41	100	
69	95.5	72.1 108.1
39	58.1	42.8 64.2





#49

1,4-Dioxane

Concen: 391.587 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

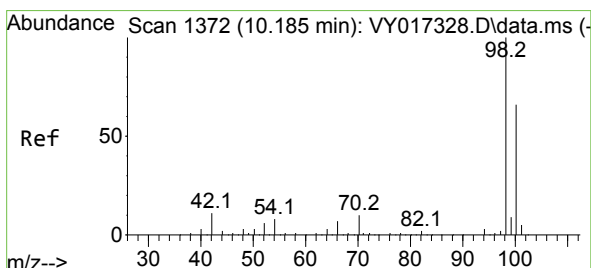
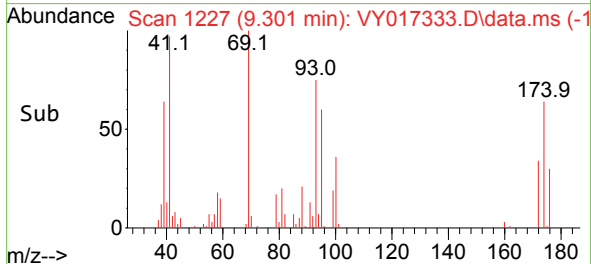
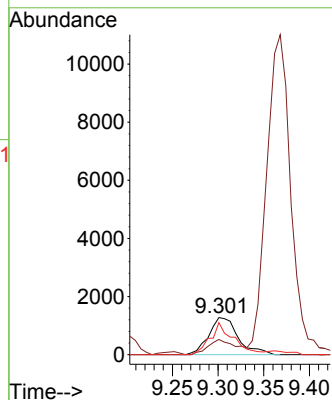
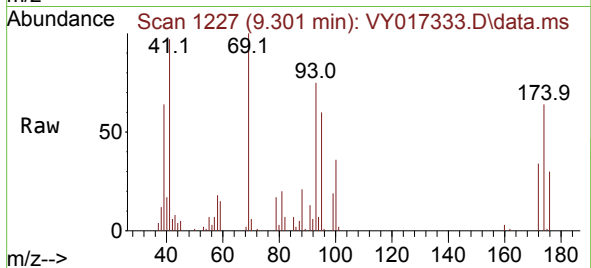
Tgt Ion: 88 Resp: 2863

Ion Ratio Lower Upper

88 100

43 39.0 28.2 42.4

58 68.5 52.2 78.2



#50

Toluene-d8

Concen: 53.020 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017333.D

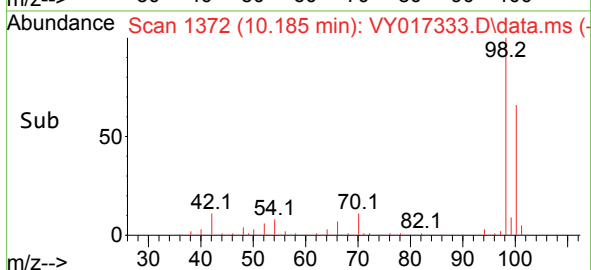
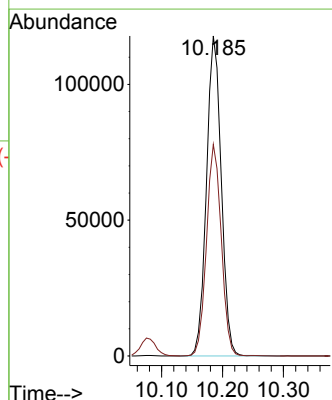
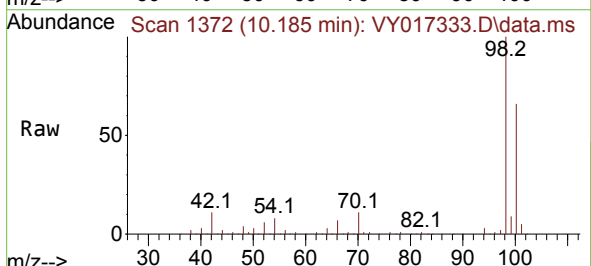
Acq: 09 Feb 2024 12:26

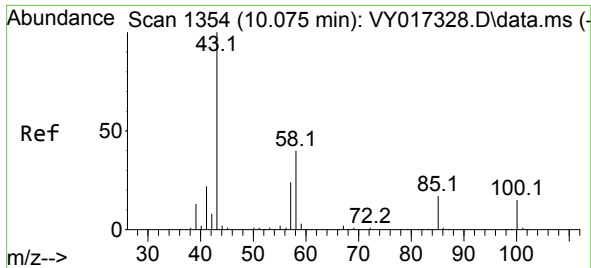
Tgt Ion: 98 Resp: 198396

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5

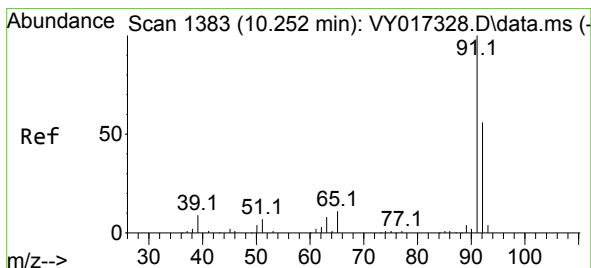
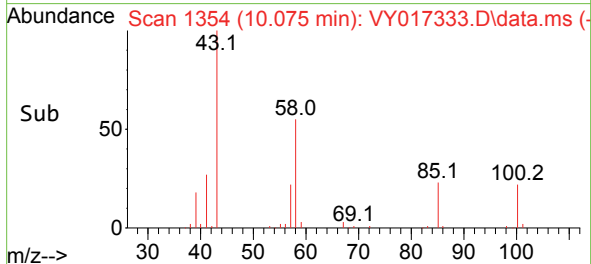
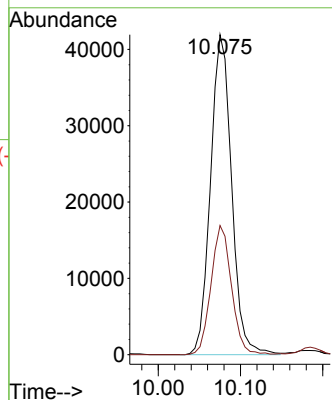
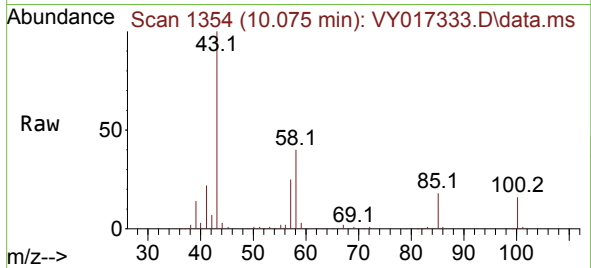




#51
4-Methyl-2-Pentanone
Concen: 95.850 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

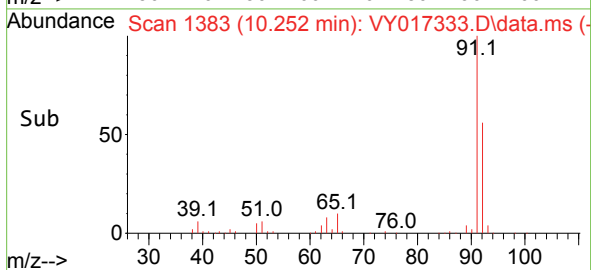
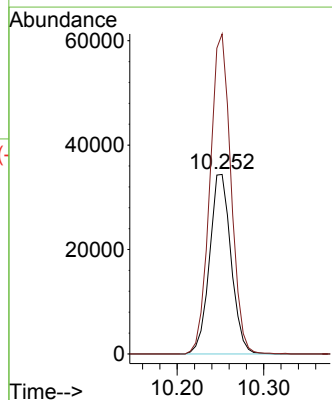
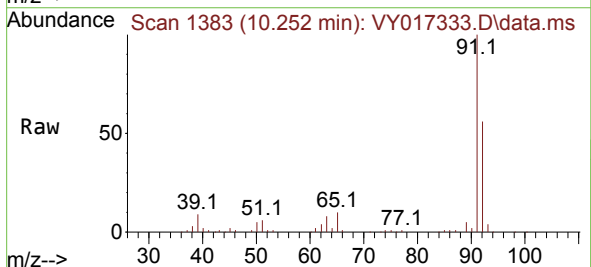
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

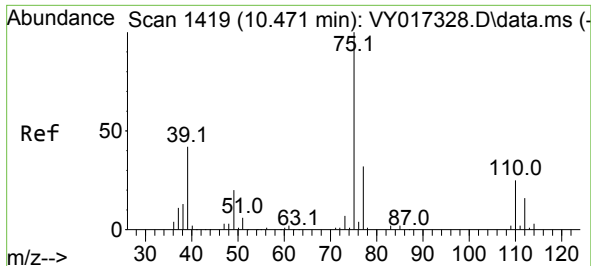
Tgt Ion: 43 Resp: 74786
Ion Ratio Lower Upper
43 100
58 39.2 32.2 48.2



#52
Toluene
Concen: 19.401 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 92 Resp: 59285
Ion Ratio Lower Upper
92 100
91 174.2 137.6 206.4

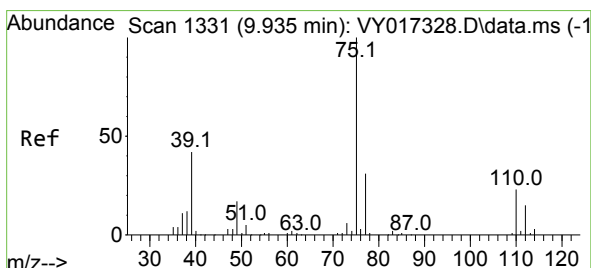
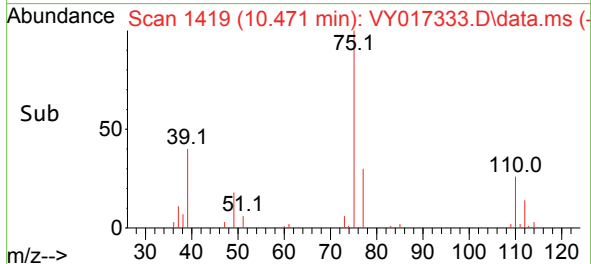
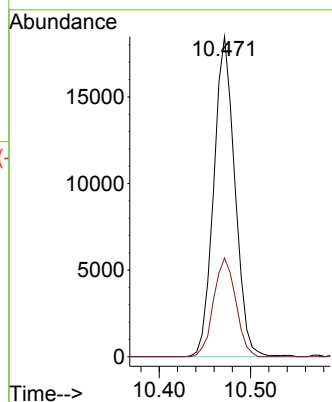
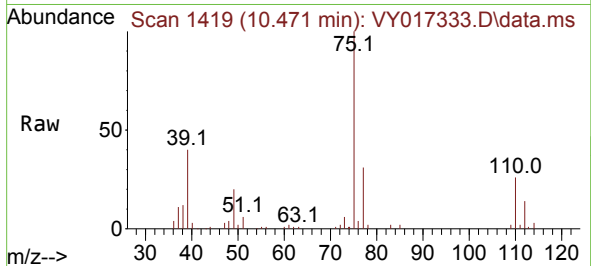




#53
t-1,3-Dichloropropene
Concen: 18.785 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

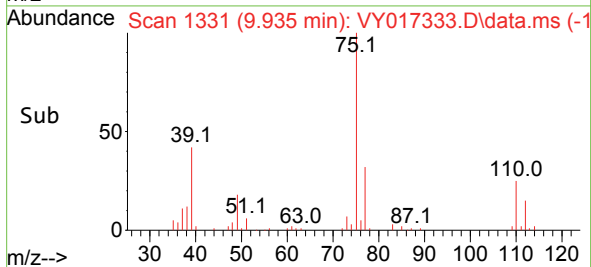
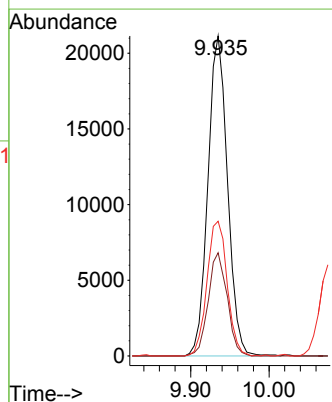
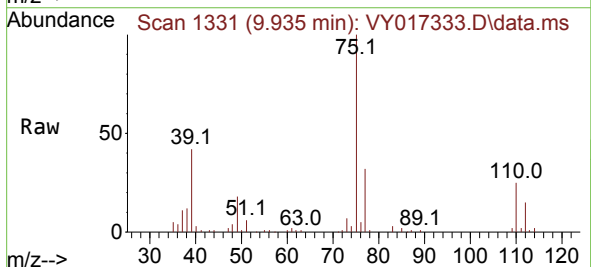
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

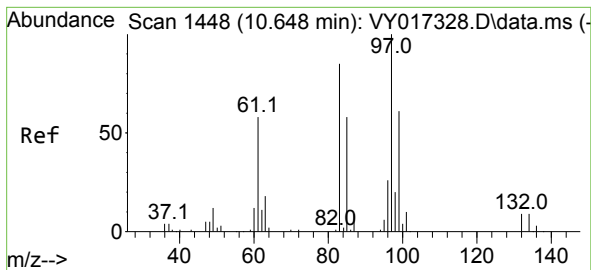
Tgt Ion: 75 Resp: 29662
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.420 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 75 Resp: 36729
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8
39 42.1 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 20.513 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

Tgt Ion: 97 Resp: 18747

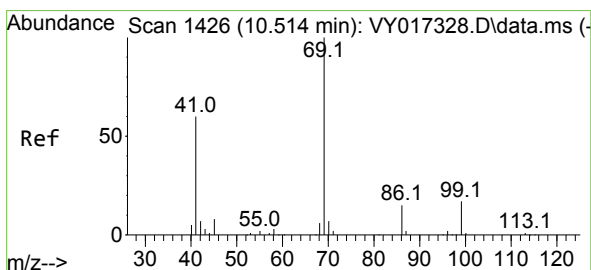
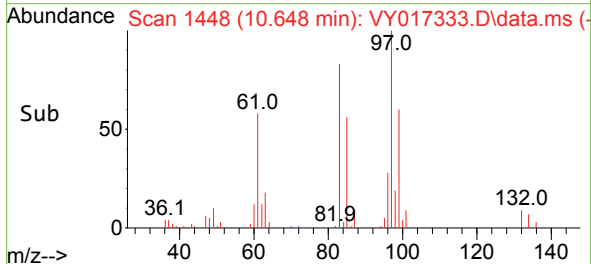
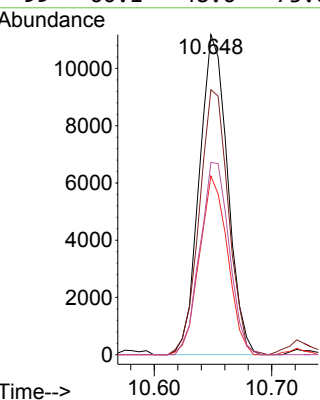
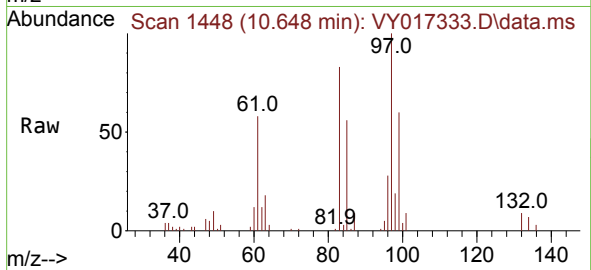
Ion Ratio Lower Upper

97 100

83 82.8 69.4 104.2

85 55.8 43.9 65.9

99 60.1 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.769 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

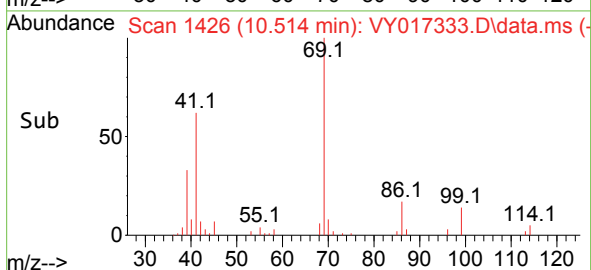
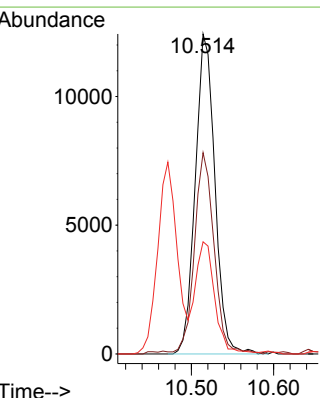
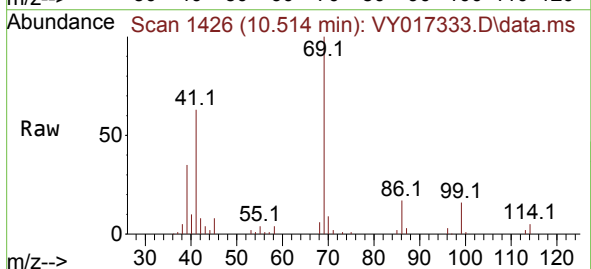
Tgt Ion: 69 Resp: 20623

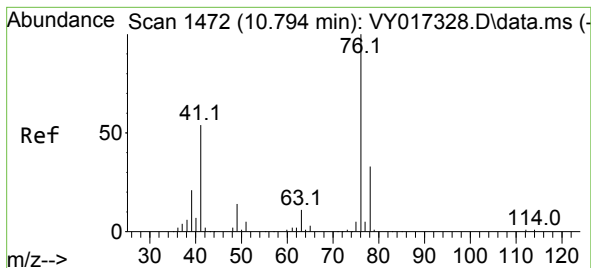
Ion Ratio Lower Upper

69 100

41 63.8 49.2 73.8

39 33.5 26.8 40.2

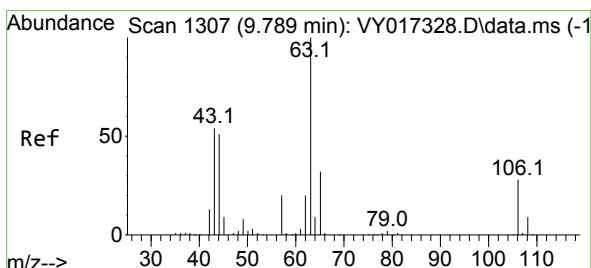
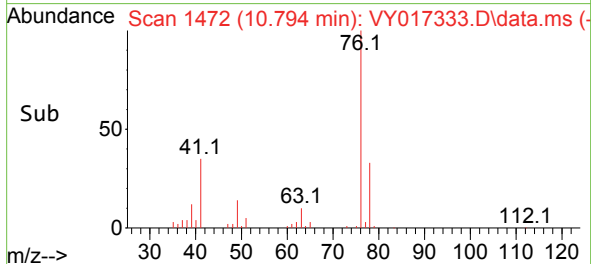
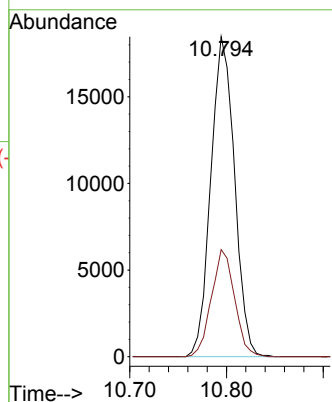
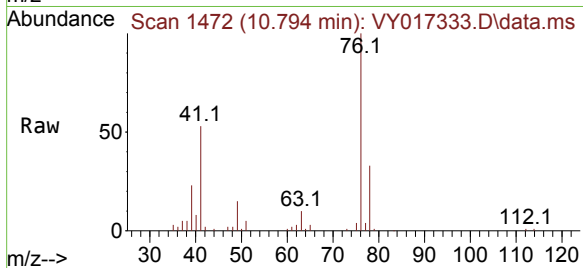




#57
1,3-Dichloropropane
Concen: 19.962 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

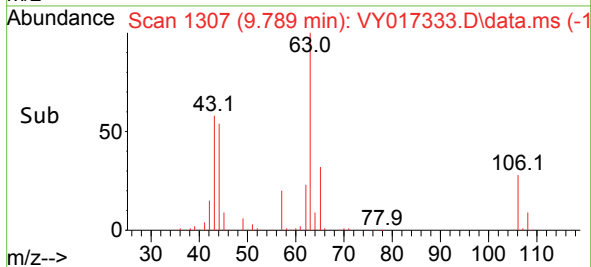
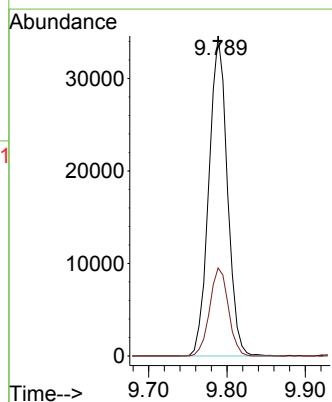
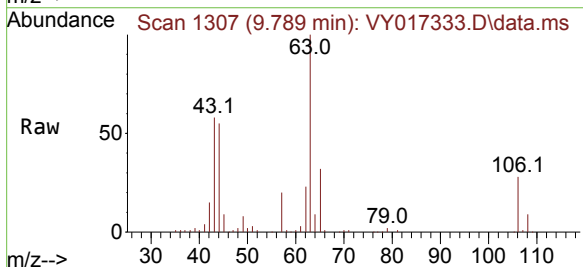
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

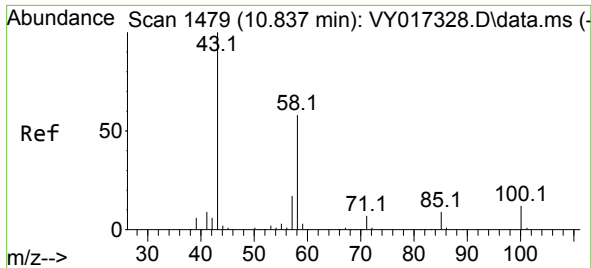
Tgt Ion: 76 Resp: 31379
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 99.290 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 63 Resp: 56531
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6

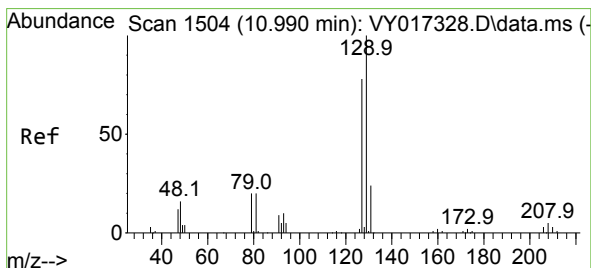
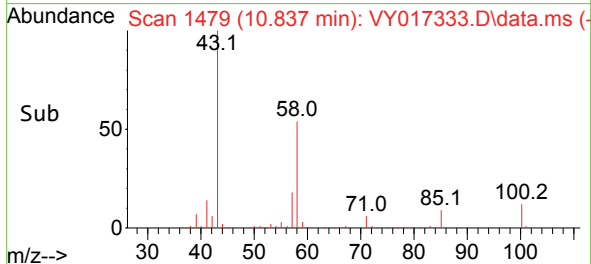
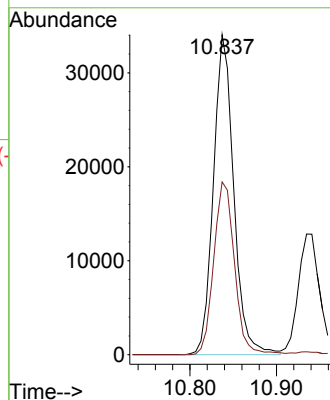
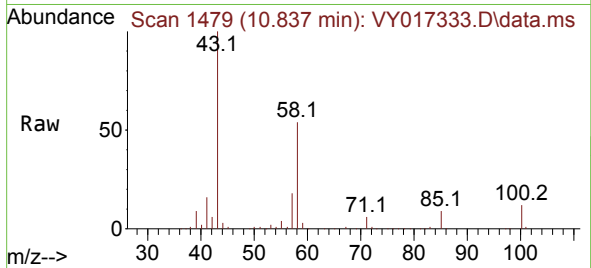




#59
2-Hexanone
Concen: 98.406 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

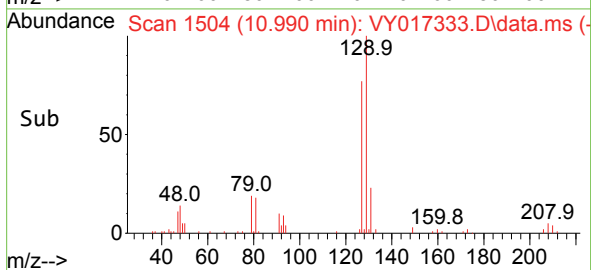
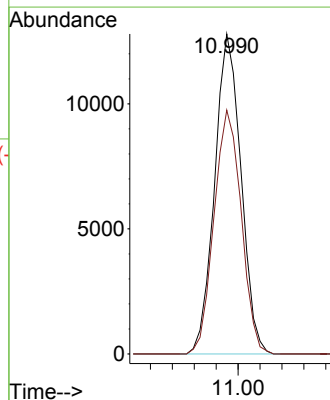
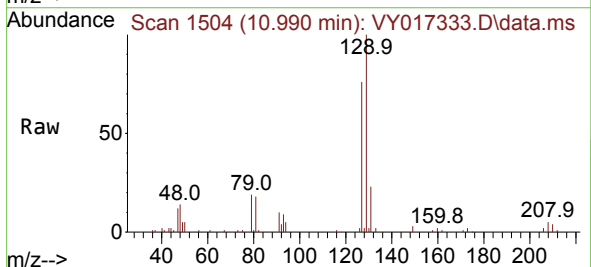
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

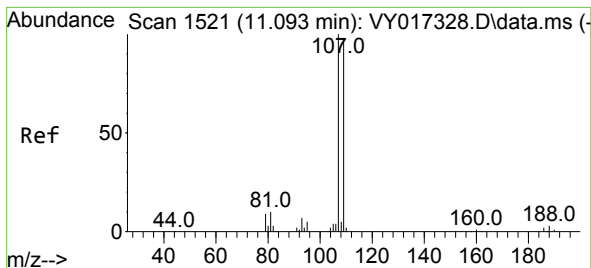
Tgt Ion: 43 Resp: 55520
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3



#60
Dibromochloromethane
Concen: 19.936 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 129 Resp: 21374
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.705 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

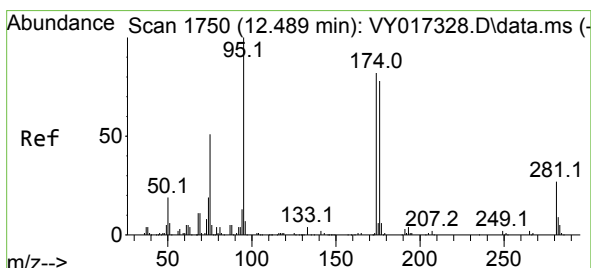
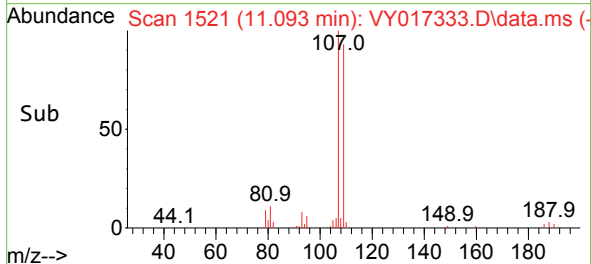
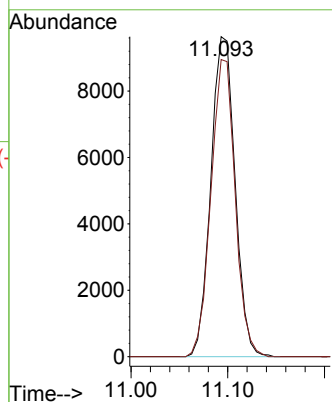
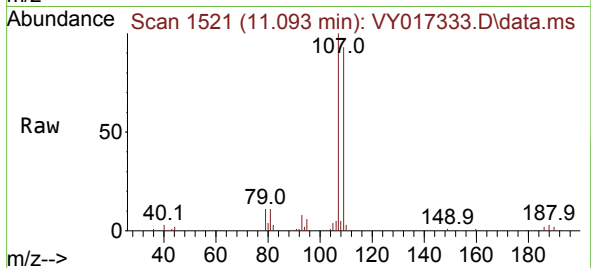
VY0209SBS01

Tgt Ion:107 Resp: 16749

Ion Ratio Lower Upper

107 100

109 92.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 53.174 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

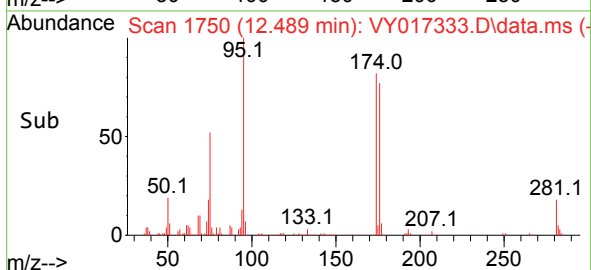
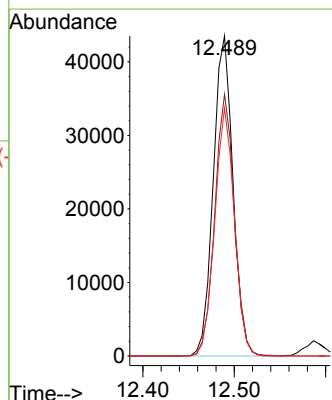
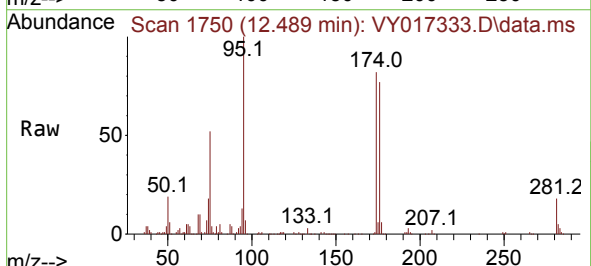
Tgt Ion: 95 Resp: 65180

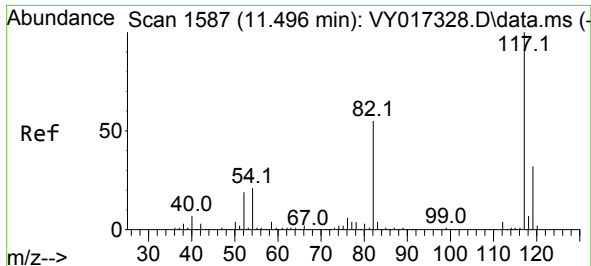
Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.0

176 77.3 0.0 151.8

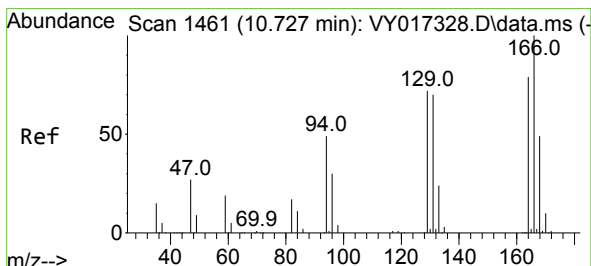
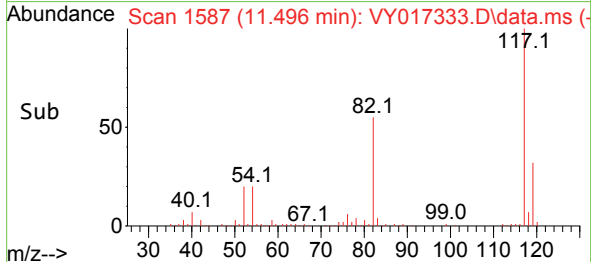
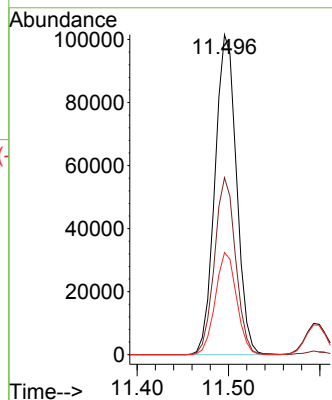
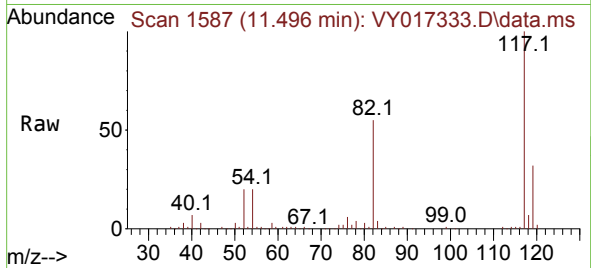




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

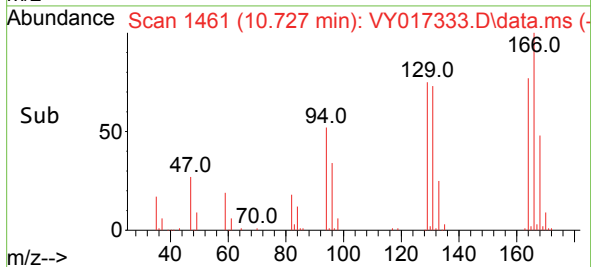
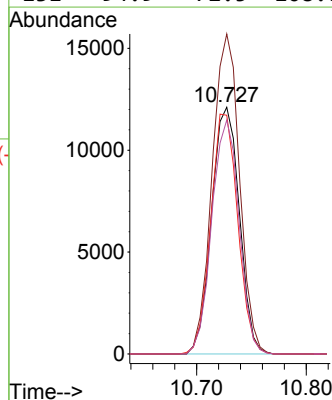
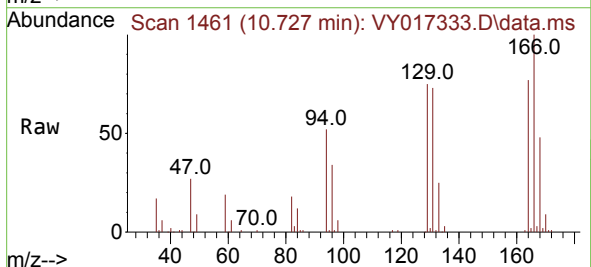
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

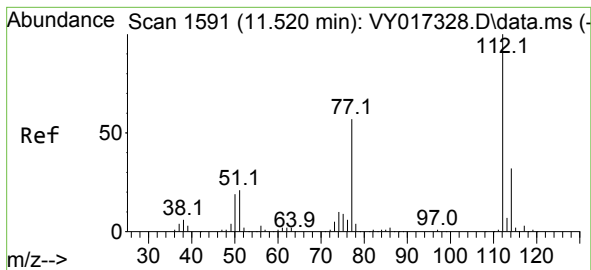
Tgt Ion:117 Resp: 166577
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 19.687 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion:164 Resp: 21298
Ion Ratio Lower Upper
164 100
166 129.7 98.8 148.2
129 96.8 78.9 118.3
131 94.9 72.5 108.7

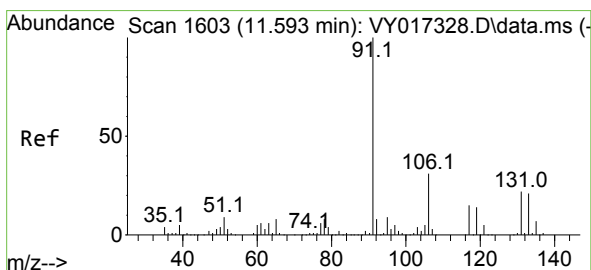
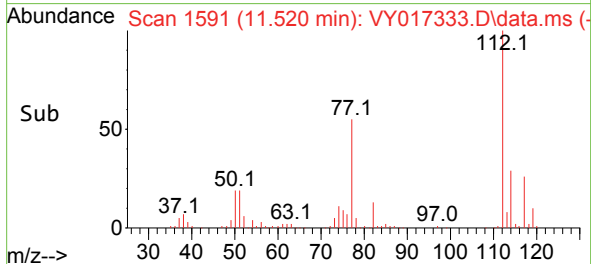
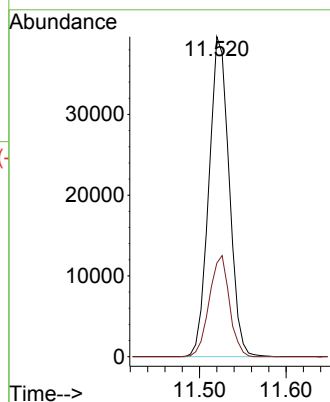
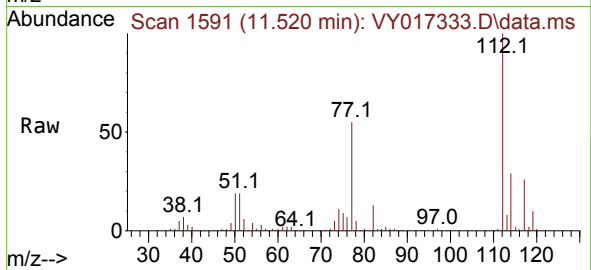




#65
Chlorobenzene
Concen: 20.006 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

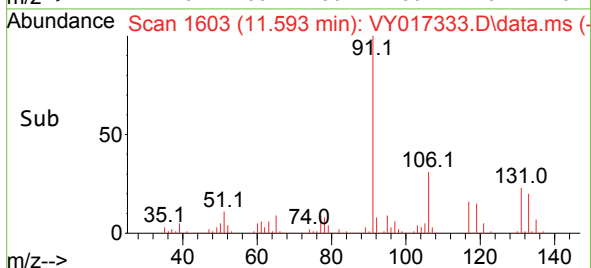
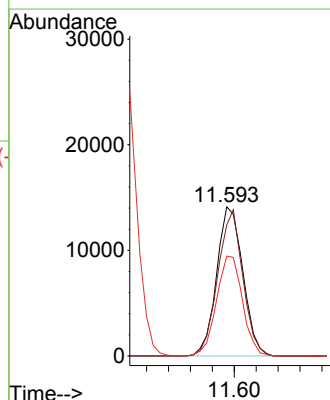
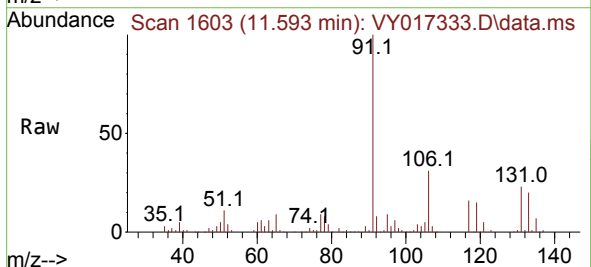
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBSD01

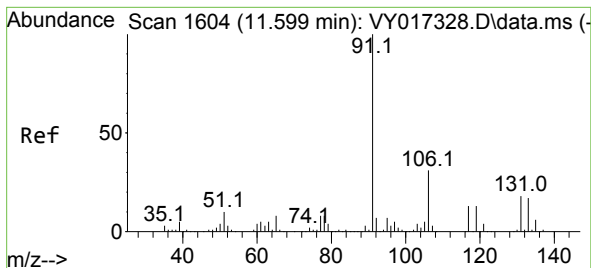
Tgt Ion:112 Resp: 64288
Ion Ratio Lower Upper
112 100
114 29.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.118 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion:131 Resp: 23494
Ion Ratio Lower Upper
131 100
133 93.1 47.0 141.0
119 66.3 33.3 99.9





#67

Ethyl Benzene

Concen: 19.408 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

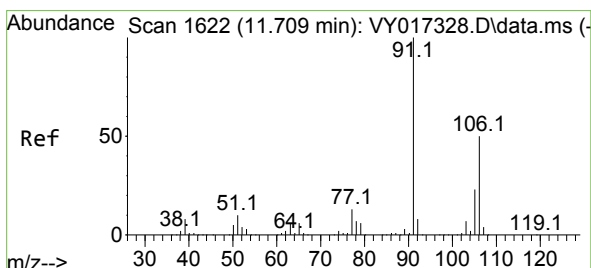
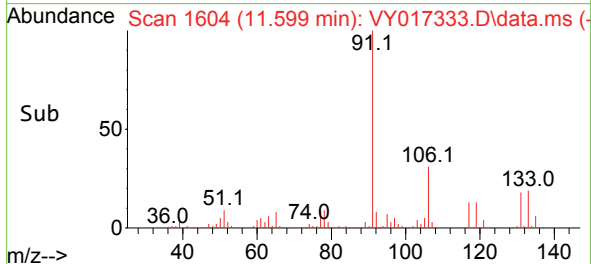
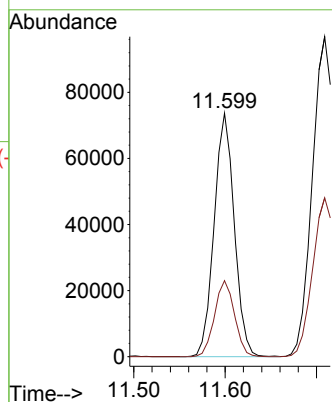
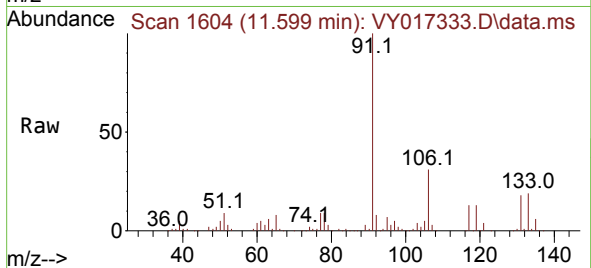
VY0209SBS01

Tgt Ion: 91 Resp: 112713

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 38.835 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017333.D

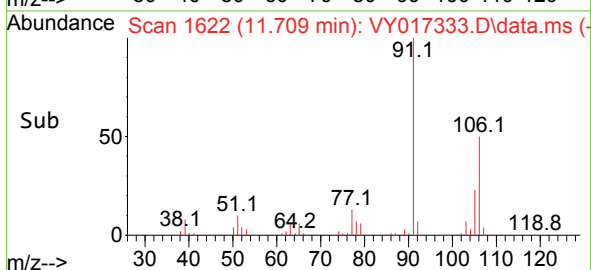
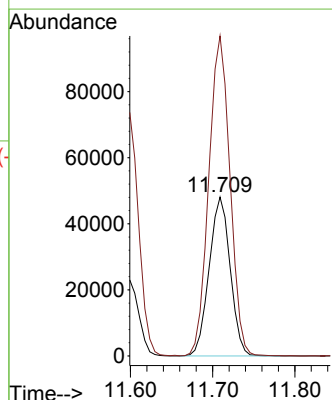
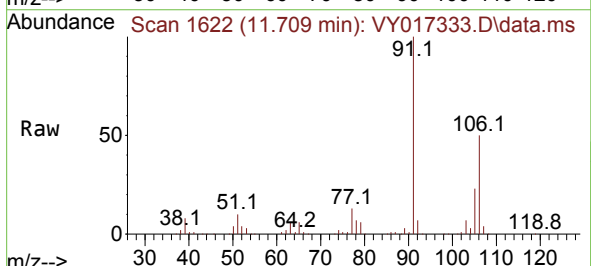
Acq: 09 Feb 2024 12:26

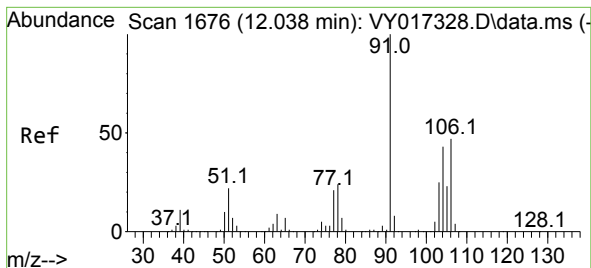
Tgt Ion:106 Resp: 85591

Ion Ratio Lower Upper

106 100

91 203.1 160.7 241.1





#69

o-Xylene

Concen: 19.688 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

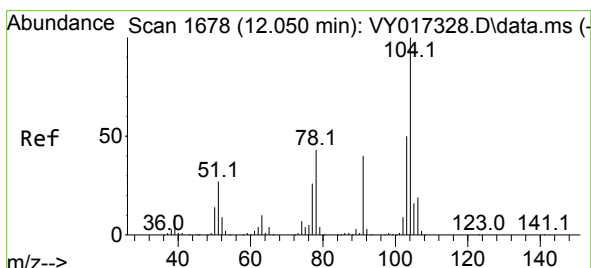
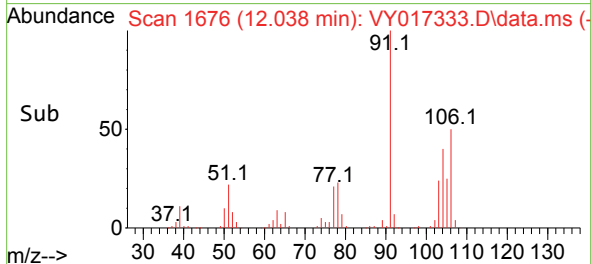
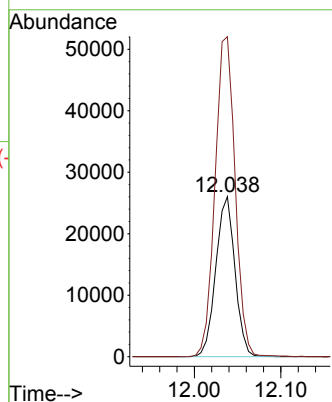
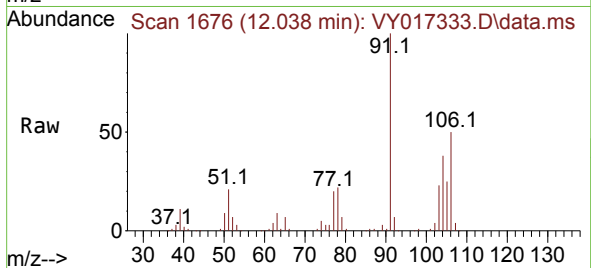
VY0209SBSD01

Tgt Ion:106 Resp: 39959

Ion Ratio Lower Upper

106 100

91 209.9 106.5 319.5



#70

Styrene

Concen: 19.969 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

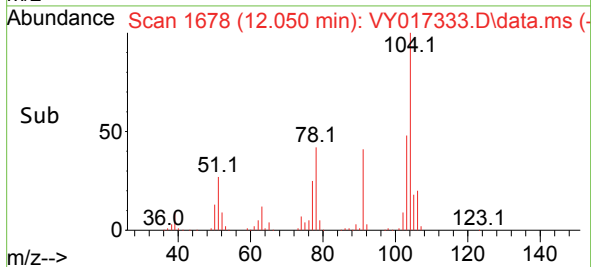
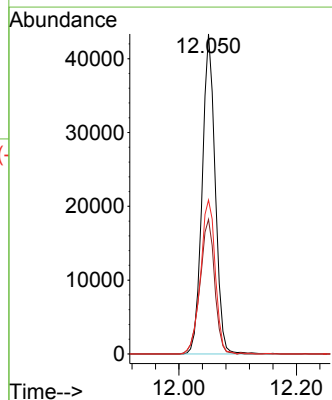
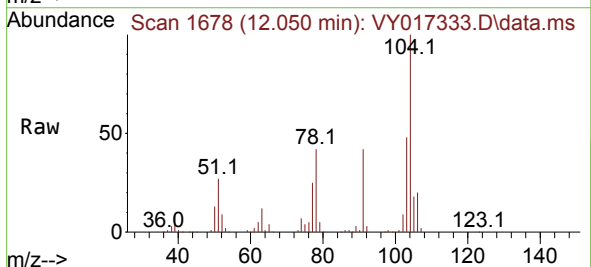
Tgt Ion:104 Resp: 66777

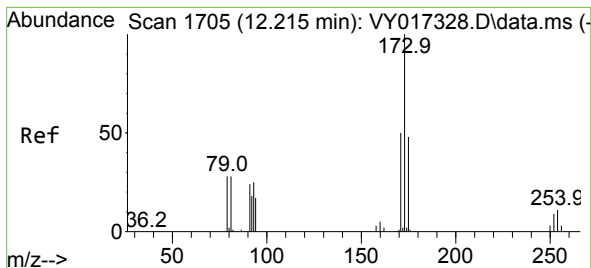
Ion Ratio Lower Upper

104 100

78 47.1 39.2 58.8

103 54.2 43.8 65.6





#71

Bromoform

Concen: 19.693 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

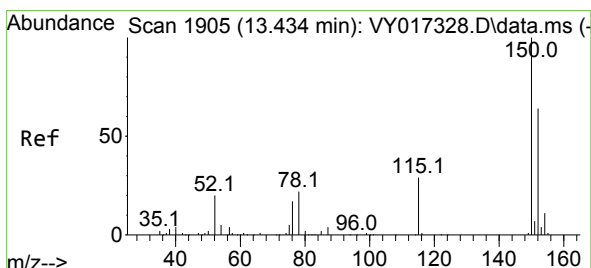
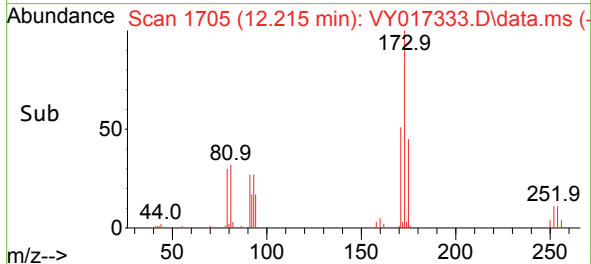
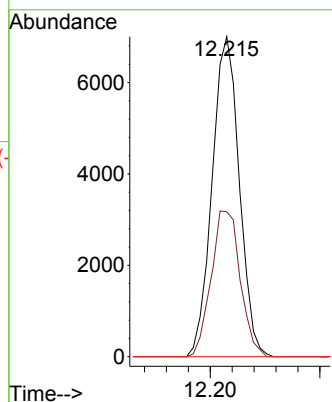
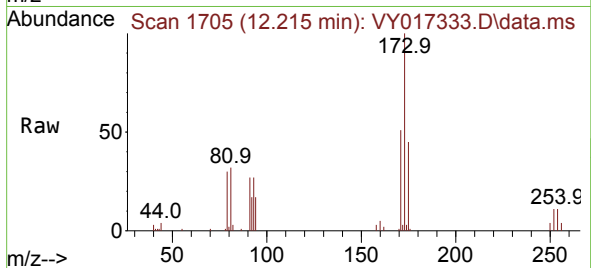
Tgt Ion:173 Resp: 12044

Ion Ratio Lower Upper

173 100

175 48.7 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: VY017333.D

Acq: 09 Feb 2024 12:26

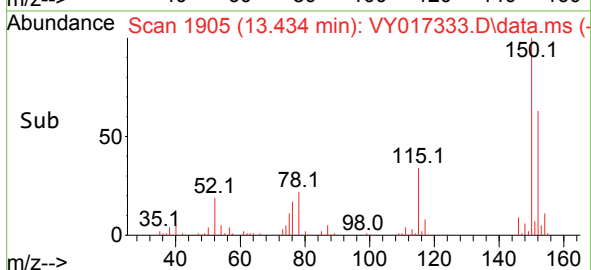
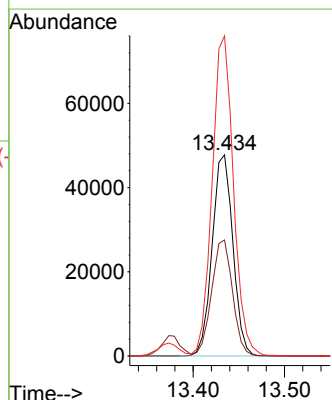
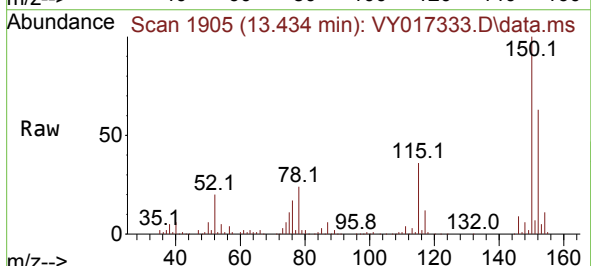
Tgt Ion:152 Resp: 75223

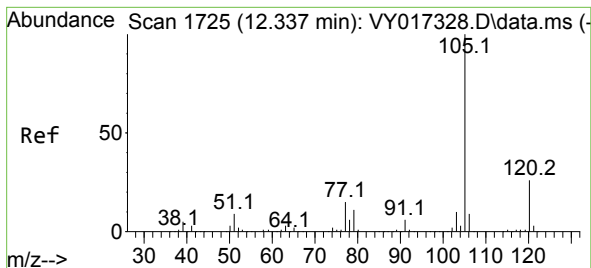
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 163.5 0.0 344.6





#73

Isopropylbenzene

Concen: 19.476 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

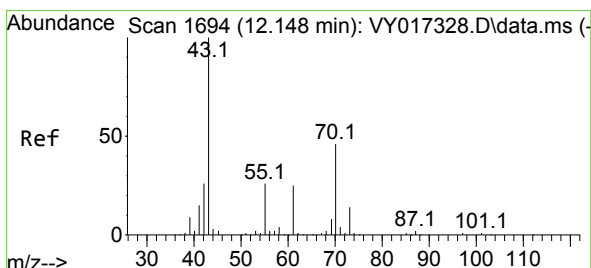
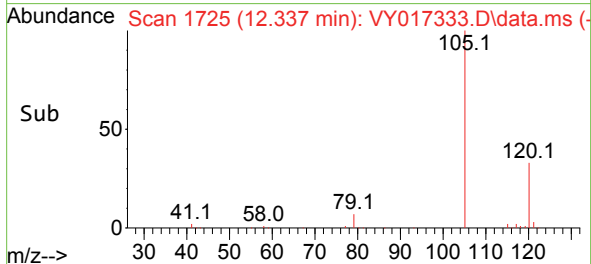
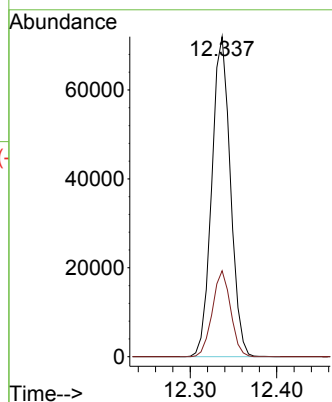
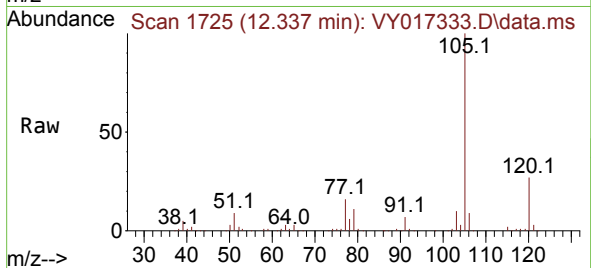
VY0209SBS01

Tgt Ion:105 Resp: 107630

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 18.091 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Tgt Ion: 43 Resp: 22464

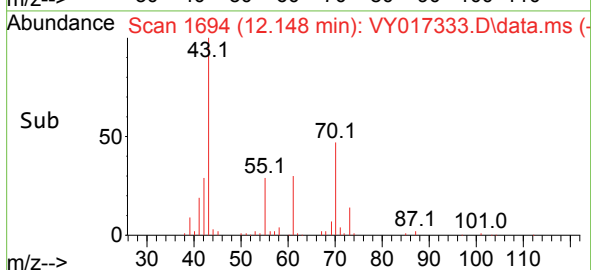
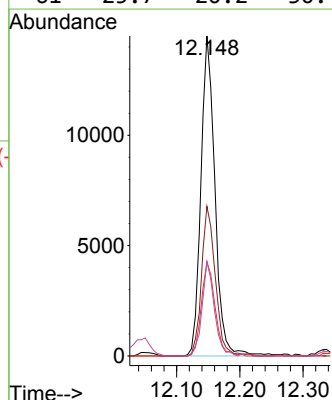
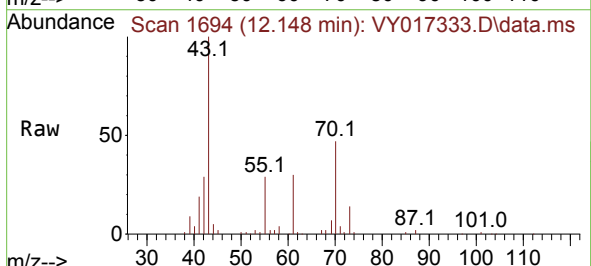
Ion Ratio Lower Upper

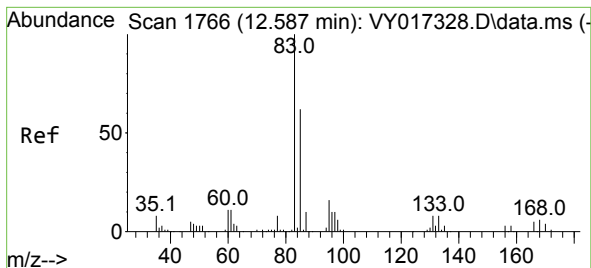
43 100

70 46.0 36.6 55.0

55 28.6 22.2 33.4

61 25.7 20.2 30.4

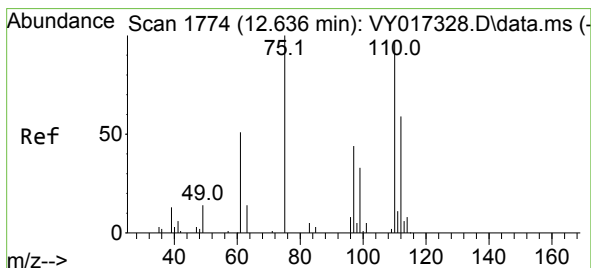
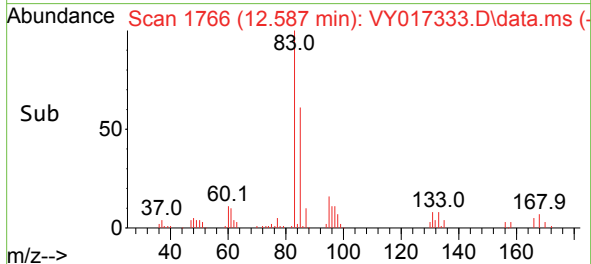
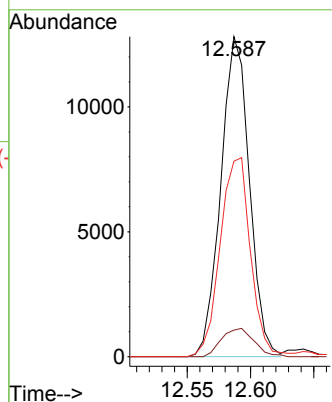
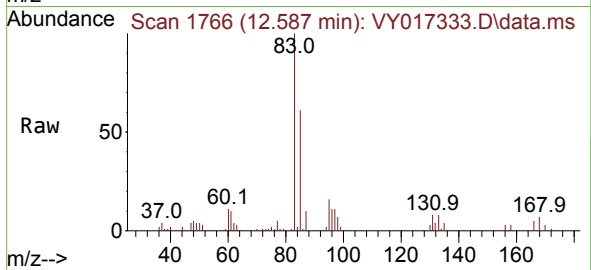




#75
1,1,2,2-Tetrachloroethane
Concen: 18.513 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

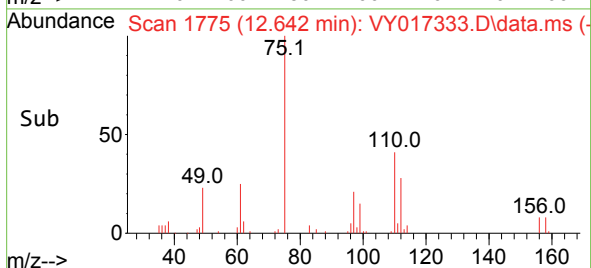
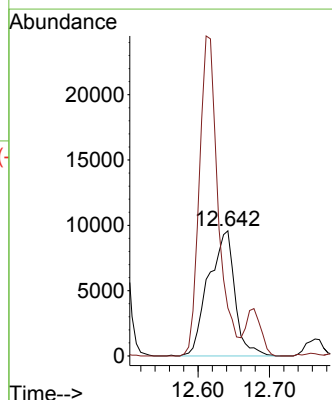
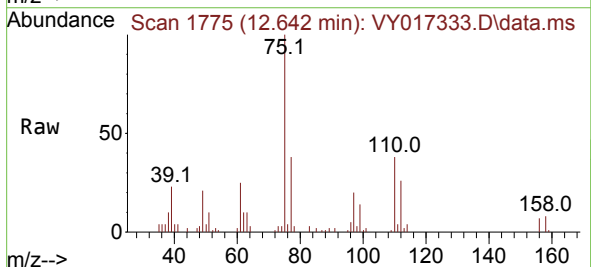
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

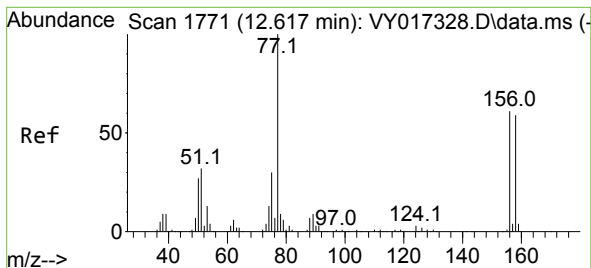
Tgt Ion: 83 Resp: 20122
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 66.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 35.361 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 75 Resp: 24551
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.403 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

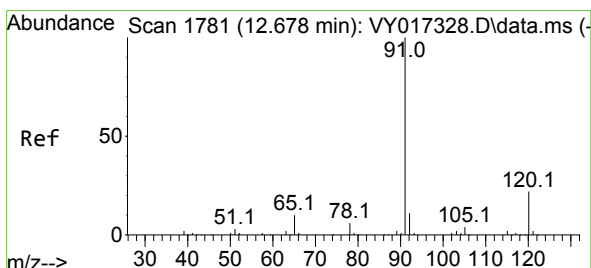
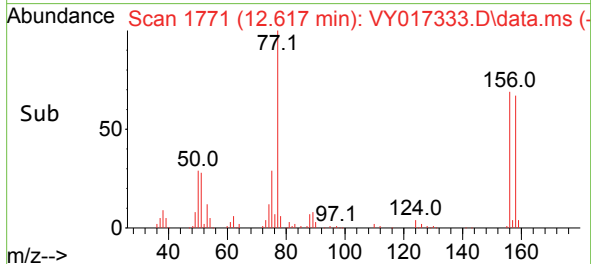
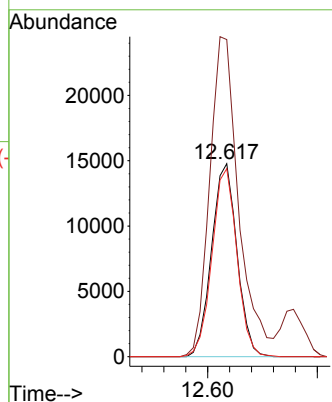
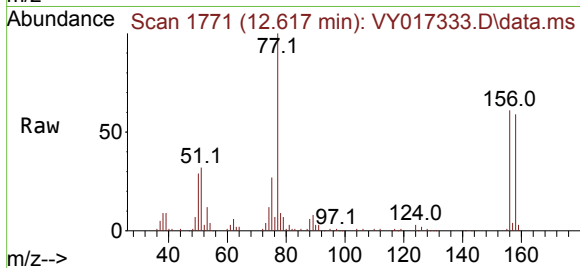
Tgt Ion:156 Resp: 23784

Ion Ratio Lower Upper

156 100

77 189.2 97.3 291.8

158 95.5 48.4 145.0



#78

n-propylbenzene

Concen: 19.440 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017333.D

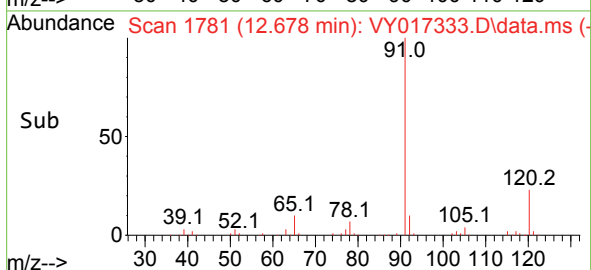
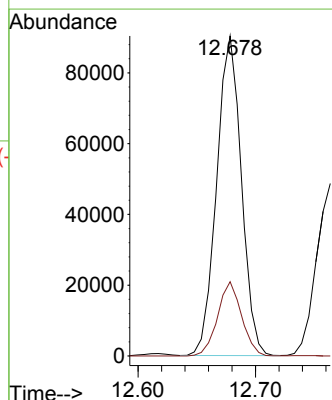
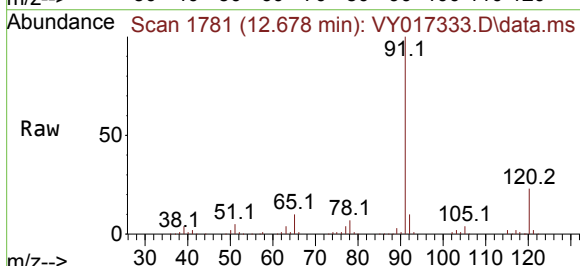
Acq: 09 Feb 2024 12:26

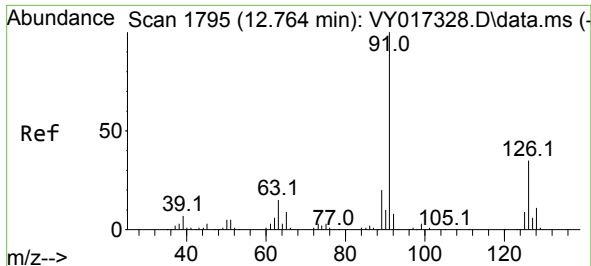
Tgt Ion: 91 Resp: 131944

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0

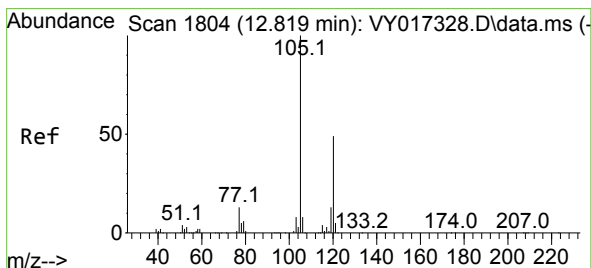
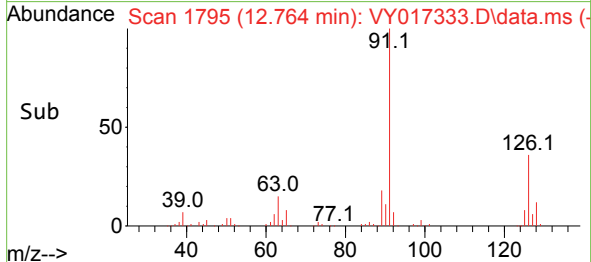
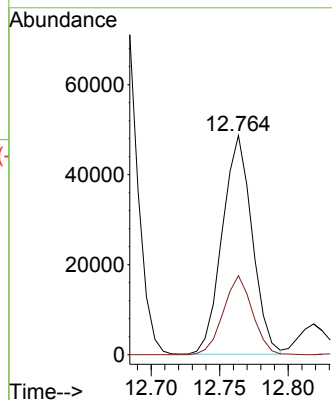
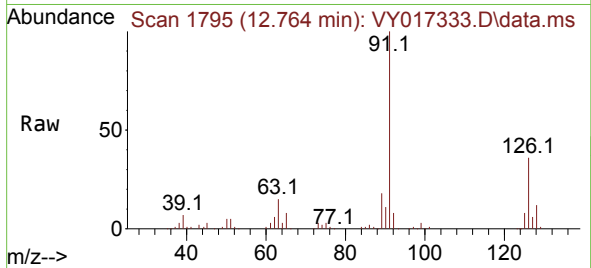




#79
2-Chlorotoluene
Concen: 19.785 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

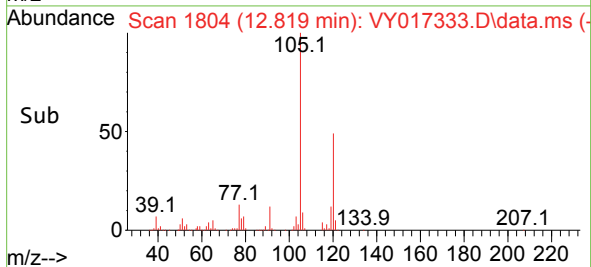
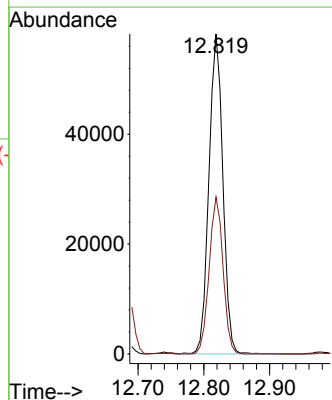
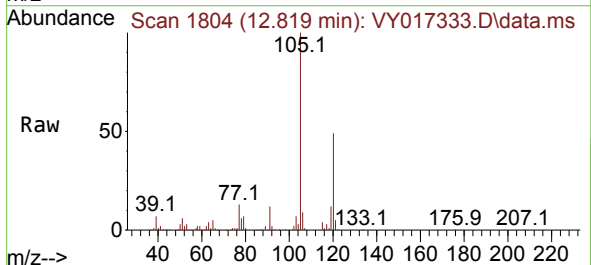
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

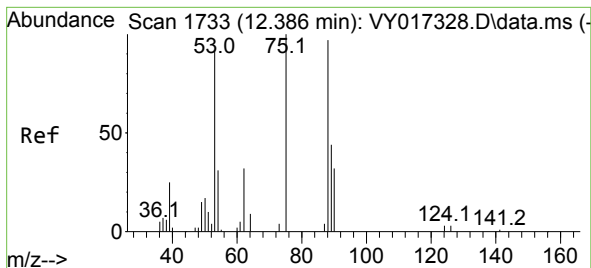
Tgt Ion: 91 Resp: 73824
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.548 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 105 Resp: 85913
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

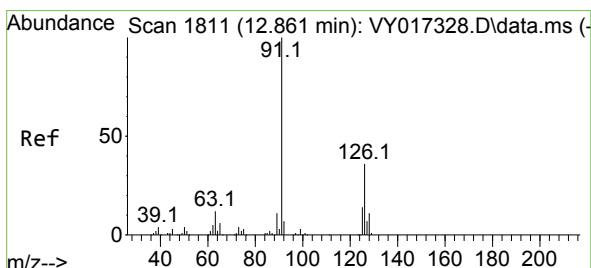
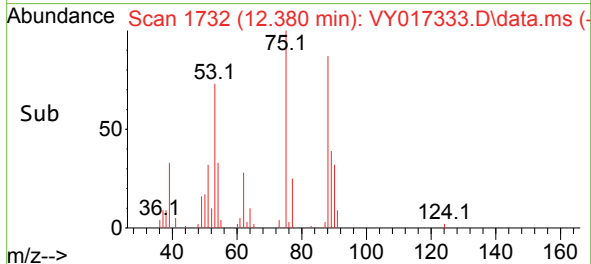
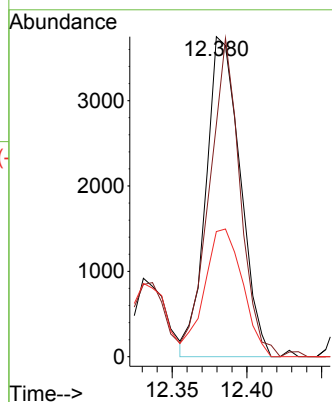
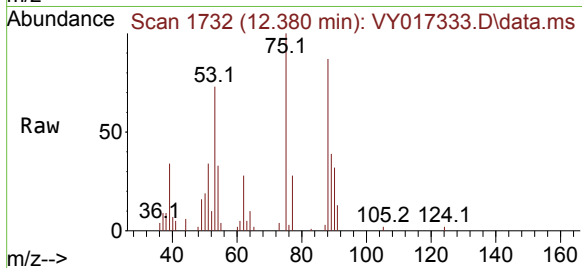




#81
trans-1,4-Dichloro-2-butene
Concen: 17.807 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

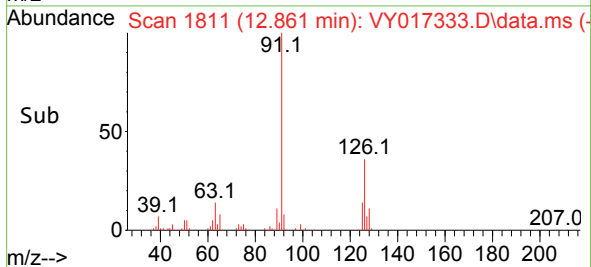
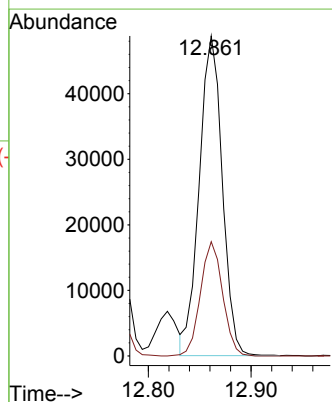
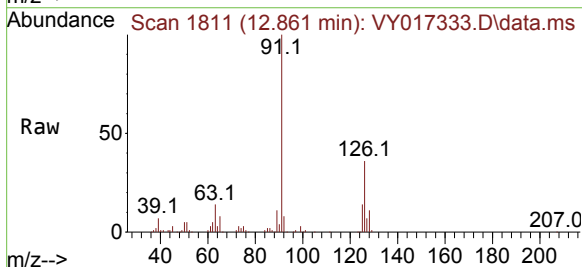
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

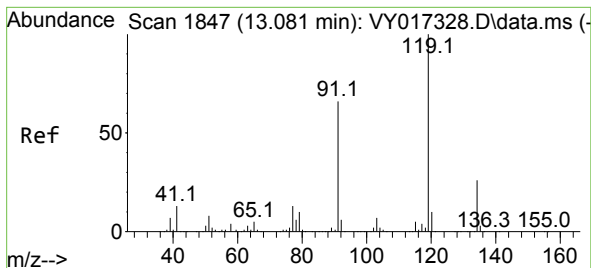
Tgt Ion: 75 Resp: 5950
Ion Ratio Lower Upper
75 100
53 90.2 74.0 111.0
89 44.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.771 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 91 Resp: 75925
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.801 ug/l

RT: 13.081 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

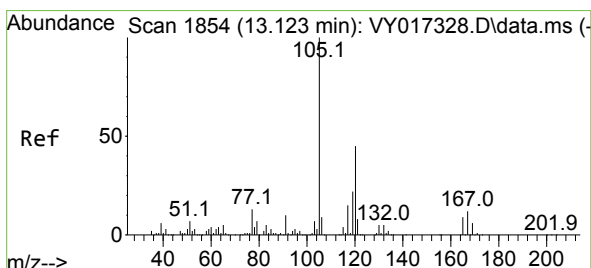
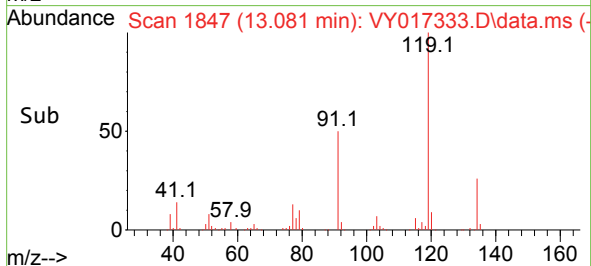
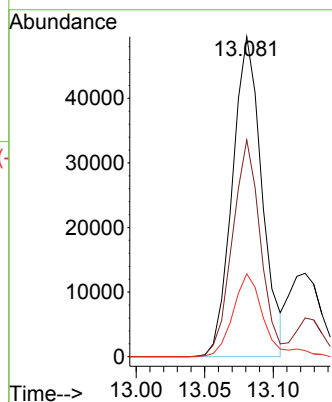
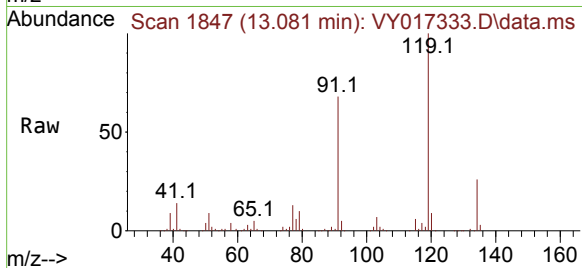
Tgt Ion:119 Resp: 74596

Ion Ratio Lower Upper

119 100

91 64.0 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.457 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017333.D

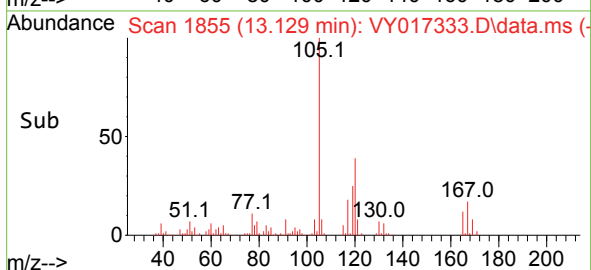
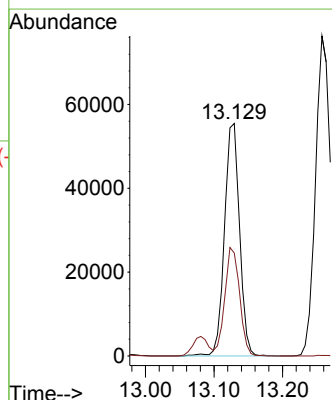
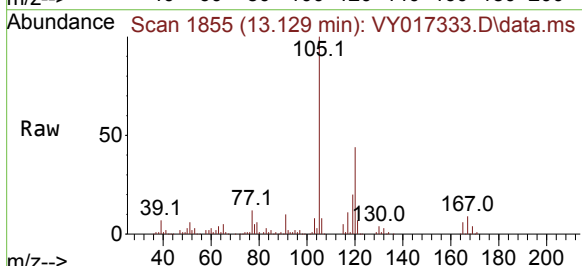
Acq: 09 Feb 2024 12:26

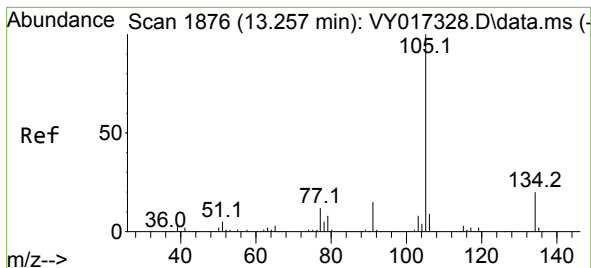
Tgt Ion:105 Resp: 84407

Ion Ratio Lower Upper

105 100

120 45.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.769 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

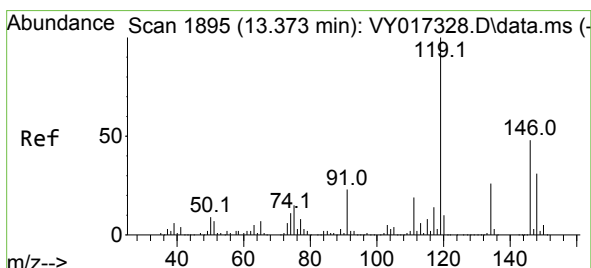
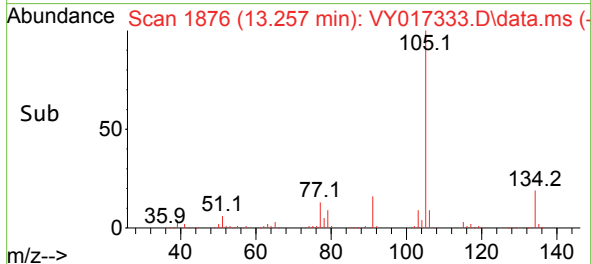
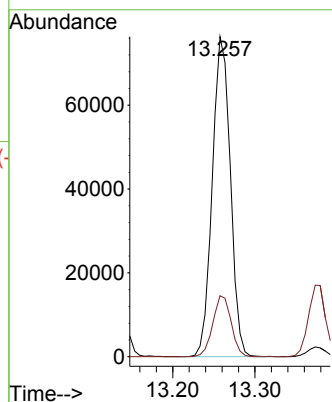
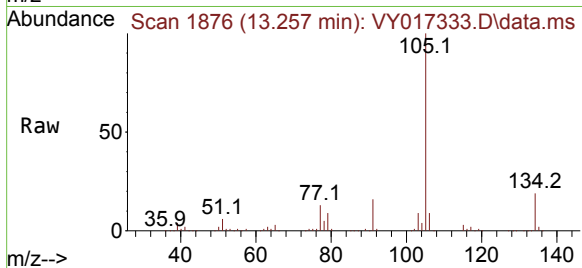
VY0209SBSD01

Tgt Ion:105 Resp: 116405

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.677 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

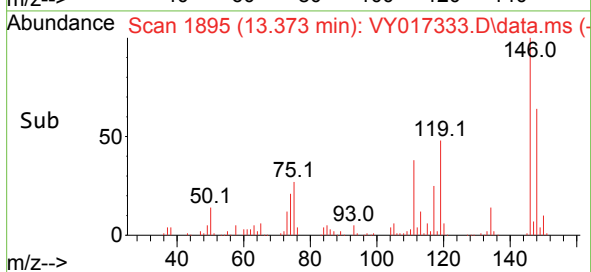
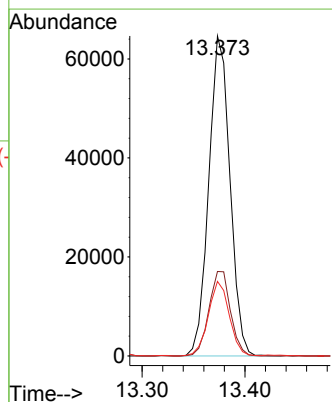
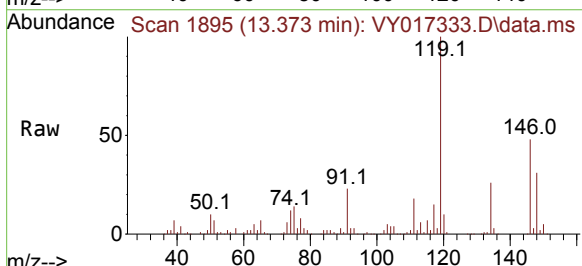
Tgt Ion:119 Resp: 92583

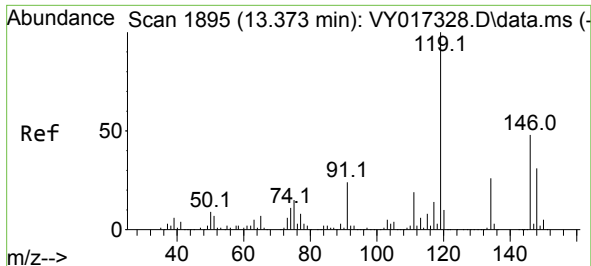
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.1

91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.624 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

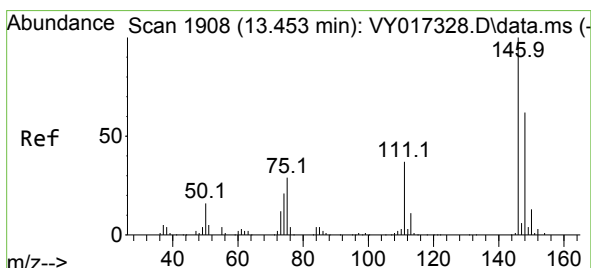
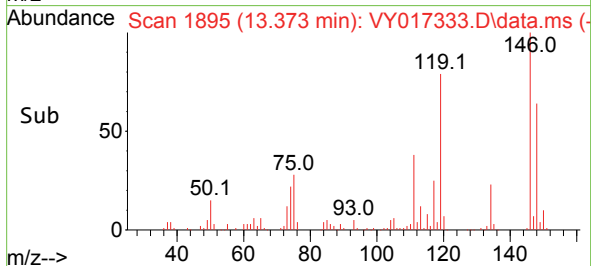
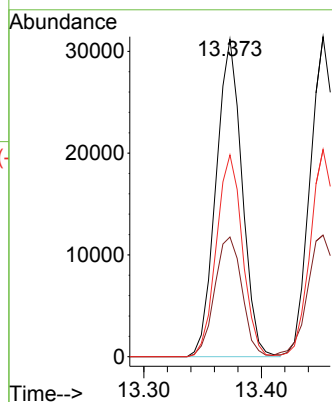
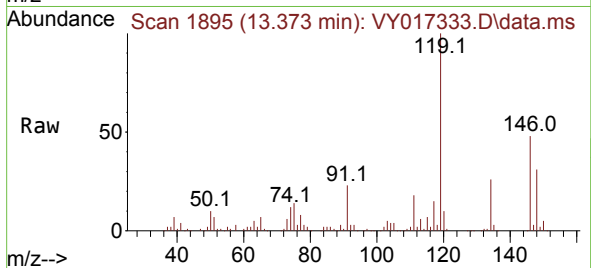
Tgt Ion:146 Resp: 47986

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.965 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

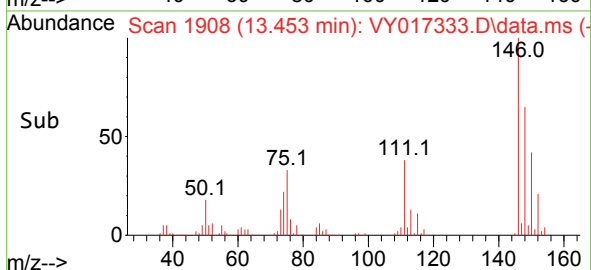
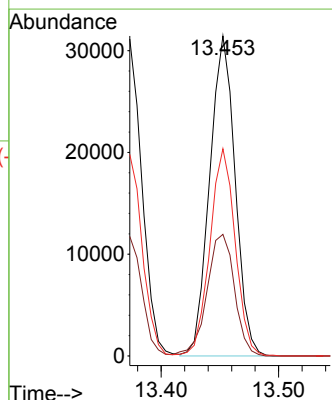
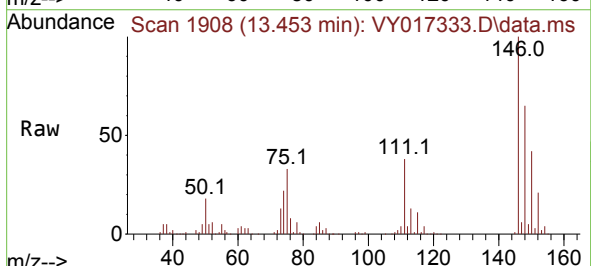
Tgt Ion:146 Resp: 47431

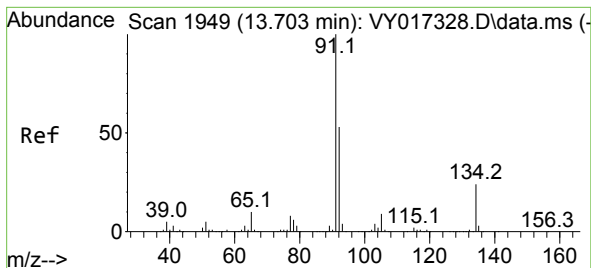
Ion Ratio Lower Upper

146 100

111 41.0 19.3 57.9

148 64.4 31.6 94.7





#89

n-Butylbenzene

Concen: 19.943 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

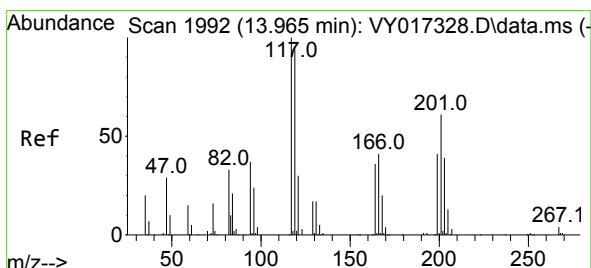
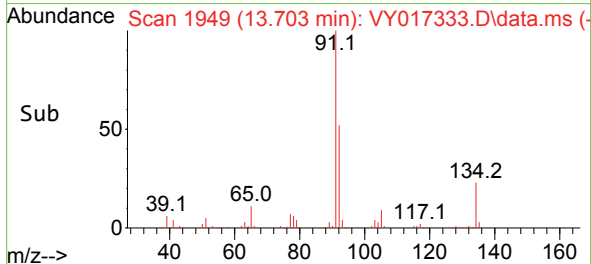
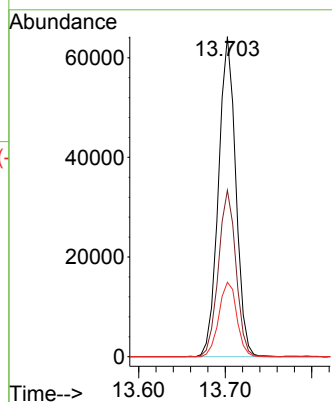
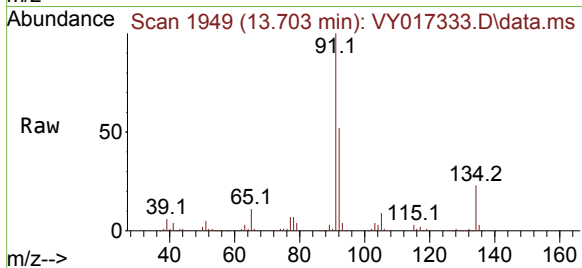
Tgt Ion: 91 Resp: 89216

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 20.129 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017333.D

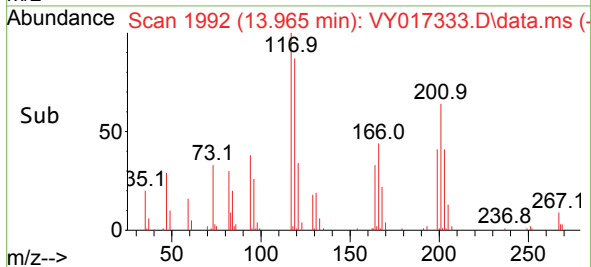
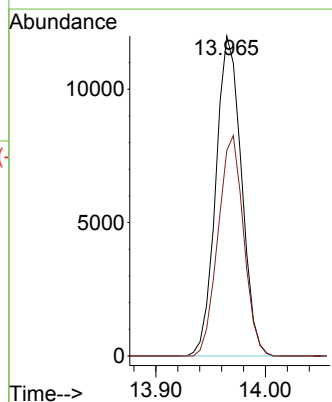
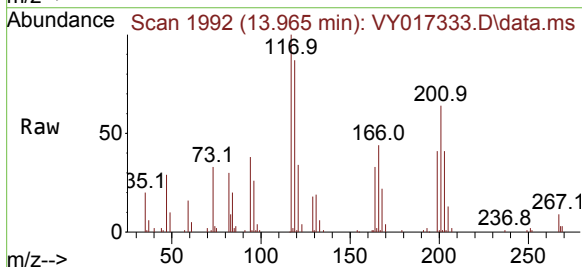
Acq: 09 Feb 2024 12:26

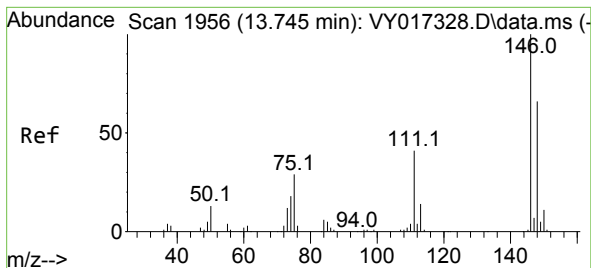
Tgt Ion: 117 Resp: 19444

Ion Ratio Lower Upper

117 100

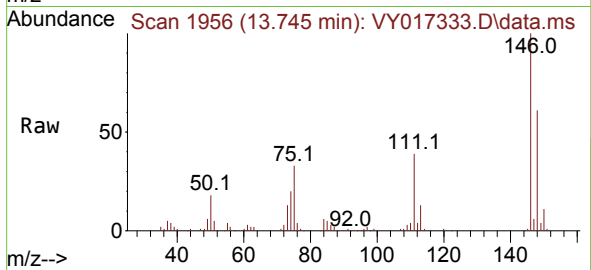
201 68.8 33.4 100.1



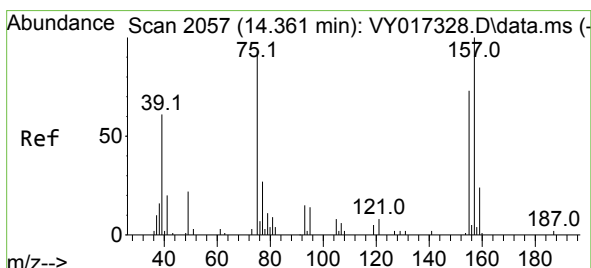
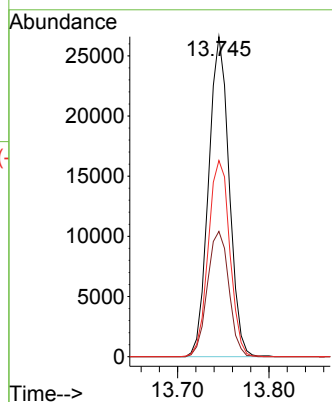
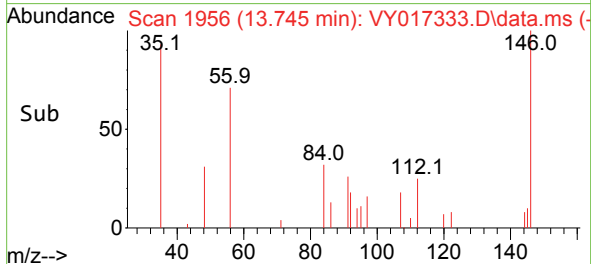


#91
1,2-Dichlorobenzene
Concen: 19.937 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBS01

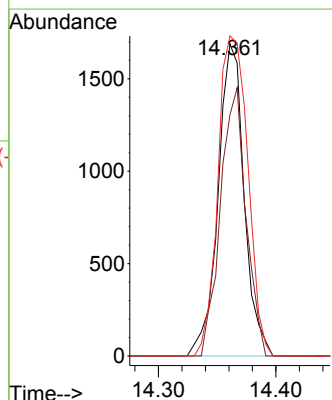
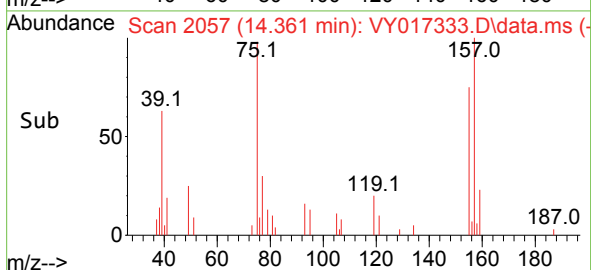
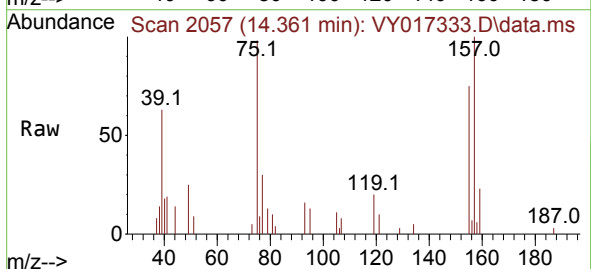


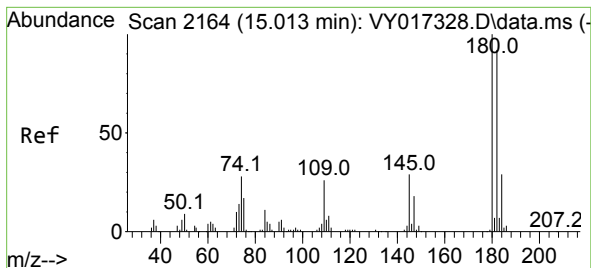
Tgt Ion:146 Resp: 41503
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 64.1 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.393 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017333.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 75 Resp: 2604
Ion Ratio Lower Upper
75 100
155 83.9 42.1 126.3
157 117.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.304 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

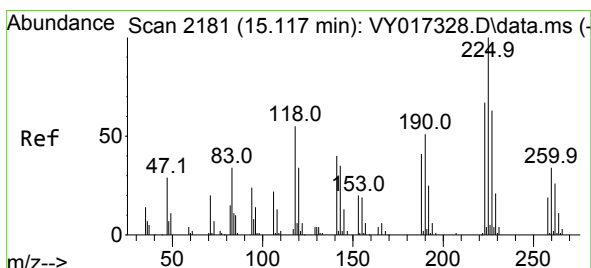
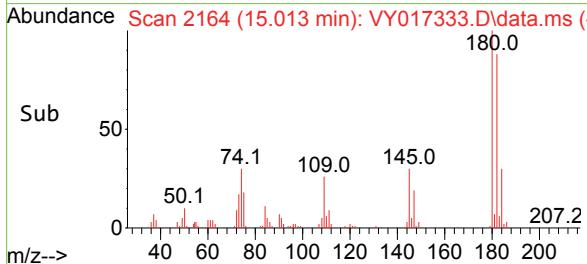
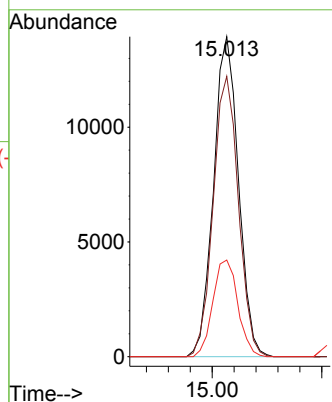
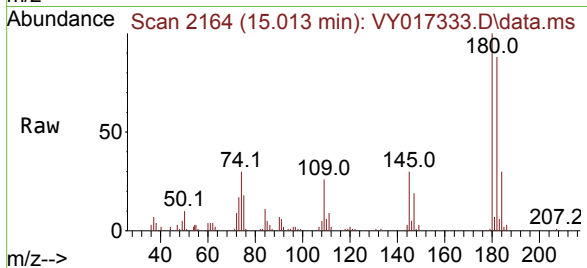
Tgt Ion:180 Resp: 22028

Ion Ratio Lower Upper

180 100

182 88.6 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.417 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

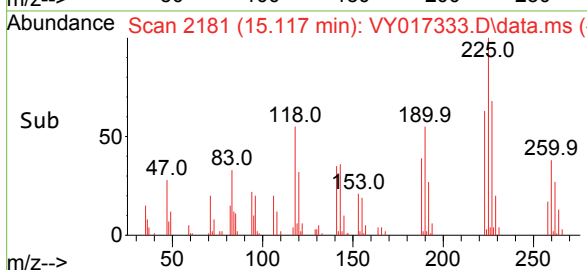
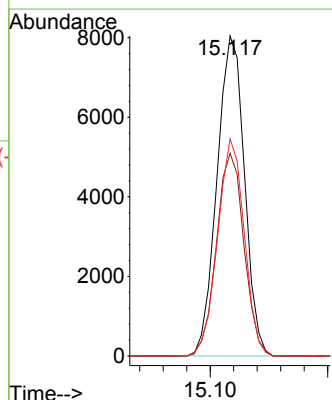
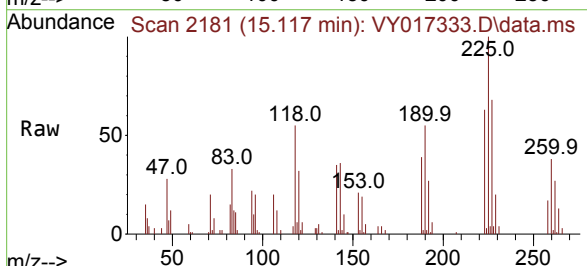
Tgt Ion:225 Resp: 13043

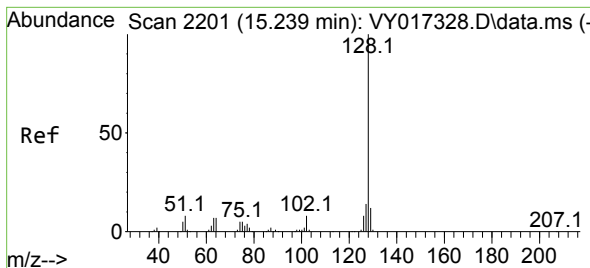
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.3

227 65.9 32.3 96.8





#95

Naphthalene

Concen: 20.175 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBS01

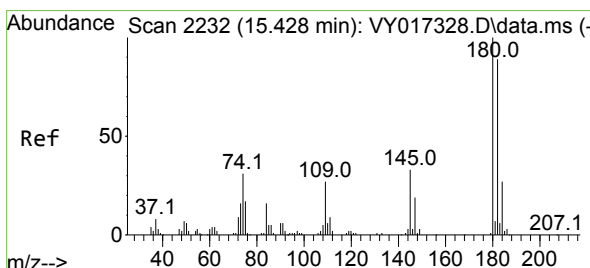
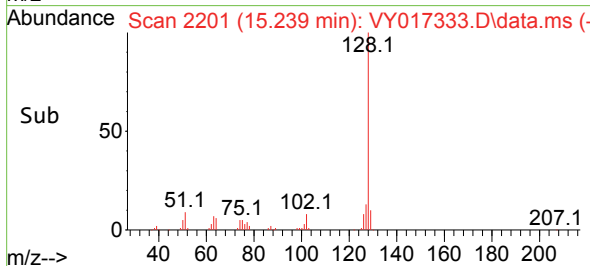
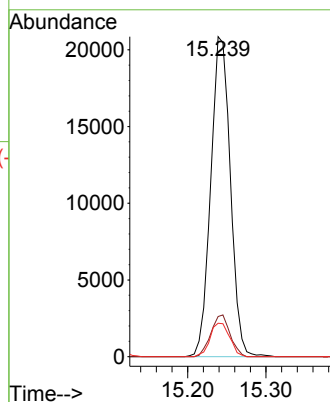
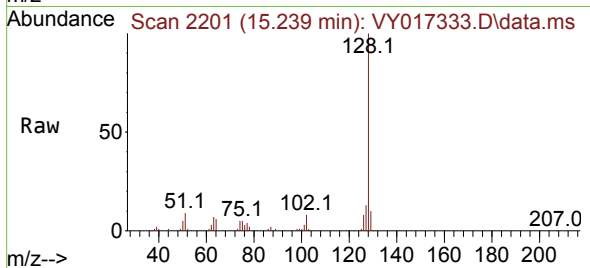
Tgt Ion:128 Resp: 36323

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.088 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017333.D

Acq: 09 Feb 2024 12:26

Tgt Ion:180 Resp: 18545

Ion Ratio Lower Upper

180 100

182 95.0 46.3 138.8

145 31.8 16.1 48.2

