

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017791.D
 Acq On : 29 Mar 2024 15:10
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 30 05:43:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	252073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	400692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	342608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	151632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	23172	10.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.240%#
35) Dibromofluoromethane	7.716	113	24077	10.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.800%#
50) Toluene-d8	10.185	98	86725	10.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.060%#
62) 4-Bromofluorobenzene	12.489	95	26216	9.963	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.920%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18748	11.121	ug/l	97
3) Chloromethane	2.113	50	35427	10.767	ug/l	96
4) Vinyl Chloride	2.253	62	46084	10.717	ug/l	98
5) Bromomethane	2.650	94	37673	10.836	ug/l	99
6) Chloroethane	2.796	64	29573	10.541	ug/l	95
7) Trichlorofluoromethane	3.125	101	44576	10.630	ug/l	98
8) Diethyl Ether	3.534	74	12889	10.464	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	27787	11.050	ug/l	99
10) Methyl Iodide	4.095	142	25735	9.410	ug/l	98
11) Tert butyl alcohol	4.948	59	13109	56.732	ug/l	99
12) 1,1-Dichloroethene	3.875	96	24972	10.612	ug/l	96
13) Acrolein	3.729	56	7802	51.053	ug/l	100
14) Allyl chloride	4.479	41	30214	10.466	ug/l	98
15) Acrylonitrile	5.168	53	27245	52.400	ug/l	99
16) Acetone	3.948	43	22762	50.483	ug/l	95
17) Carbon Disulfide	4.198	76	66591	10.000	ug/l	96
18) Methyl Acetate	4.479	43	10378	10.392	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	54091	10.039	ug/l	99
20) Methylene Chloride	4.716	84	38956	12.086	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	26330	10.456	ug/l	95
22) Diisopropyl ether	6.119	45	68350	10.243	ug/l	92
23) Vinyl Acetate	6.064	43	201289	49.408	ug/l	99
24) 1,1-Dichloroethane	6.021	63	47436	10.711	ug/l	98
25) 2-Butanone	6.984	43	32200	50.131	ug/l	91
26) 2,2-Dichloropropane	6.984	77	40768	10.658	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	30568	10.271	ug/l	93
28) Bromochloromethane	7.338	49	16505	9.164	ug/l	94
29) Tetrahydrofuran	7.356	42	19277	50.017	ug/l	97
30) Chloroform	7.509	83	49894	10.858	ug/l	98
31) Cyclohexane	7.789	56	39905	10.385	ug/l #	86
32) 1,1,1-Trichloroethane	7.704	97	40989	10.480	ug/l	93
36) 1,1-Dichloropropene	7.923	75	33981	10.059	ug/l	97
37) Ethyl Acetate	7.076	43	14579	10.000	ug/l	98
38) Carbon Tetrachloride	7.905	117	36534	10.417	ug/l	99
39) Methylcyclohexane	9.191	83	40554	9.610	ug/l	94
40) Benzene	8.161	78	108794	10.450	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	18895	24.879	ug/l #	35
42) 1,2-Dichloroethane	8.240	62	26806	10.461	ug/l	98
43) Isopropyl Acetate	8.277	43	26382	9.971	ug/l	99
44) Trichloroethene	8.941	130	28664	10.582	ug/l	98
45) 1,2-Dichloropropane	9.222	63	25081	10.367	ug/l	95
46) Dibromomethane	9.313	93	14126	10.277	ug/l	100
47) Bromodichloromethane	9.502	83	36453	10.496	ug/l	96
48) Methyl methacrylate	9.295	41	11494	11.583	ug/l	98
49) 1,4-Dioxane	9.307	88	3255	210.955	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	67864	55.321	ug/l	98
52) Toluene	10.252	92	64886	10.275	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	30809	9.991	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	37254	9.899	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	19290	10.533	ug/l	99
56) Ethyl methacrylate	10.514	69	22030	11.239	ug/l	94
57) 1,3-Dichloropropane	10.795	76	32274	10.419	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	52104	45.721	ug/l	98
59) 2-Hexanone	10.837	43	45139	55.480	ug/l	97
60) Dibromochloromethane	10.990	129	23689	10.255	ug/l	99
61) 1,2-Dibromoethane	11.093	107	17341	10.384	ug/l	97
64) Tetrachloroethene	10.728	164	31552	10.559	ug/l	97
65) Chlorobenzene	11.520	112	72518	10.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	24202	10.142	ug/l	99
67) Ethyl Benzene	11.599	91	119988	9.931	ug/l	100
68) m/p-Xylenes	11.709	106	90821	19.822	ug/l	99
69) o-Xylene	12.032	106	40878	10.612	ug/l	99
70) Styrene	12.051	104	68749	10.794	ug/l	99
71) Bromoform	12.215	173	13317	10.068	ug/l #	97
73) Isopropylbenzene	12.337	105	109897	10.342	ug/l	100
74) N-amyl acetate	12.148	43	19924	11.126	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	18551	10.092	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	24739	17.880	ug/l #	100
77) Bromobenzene	12.617	156	25824	10.204	ug/l	99
78) n-propylbenzene	12.678	91	133828	10.321	ug/l	97
79) 2-Chlorotoluene	12.764	91	74728	10.522	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	86125	10.385	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6290	11.839	ug/l	95
82) 4-Chlorotoluene	12.861	91	76605	10.416	ug/l	100
83) tert-Butylbenzene	13.081	119	78925	10.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	83276	10.082	ug/l	99
85) sec-Butylbenzene	13.258	105	118702	10.489	ug/l	100
86) p-Isopropyltoluene	13.373	119	93624	9.898	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	50575	10.071	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	51115	10.634	ug/l	98
89) n-Butylbenzene	13.703	91	87594	10.065	ug/l	98
90) Hexachloroethane	13.971	117	20188	10.733	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	43305	10.403	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2389	9.618	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	21694	9.515	ug/l	99
94) Hexachlorobutadiene	15.117	225	14750	10.672	ug/l	98
95) Naphthalene	15.245	128	32830	10.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	18374	9.540	ug/l	99

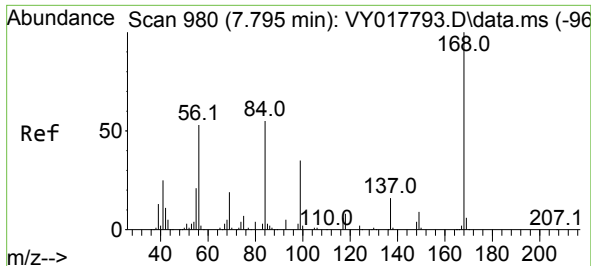
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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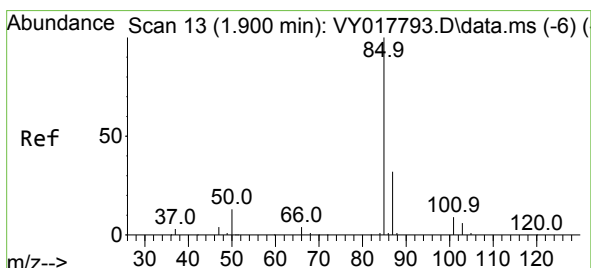
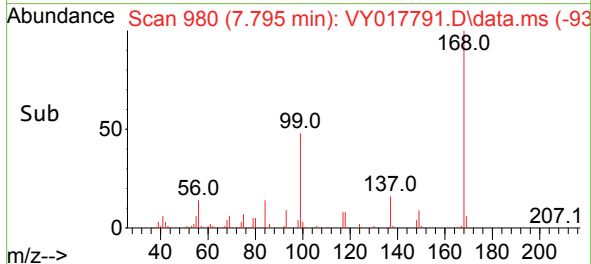
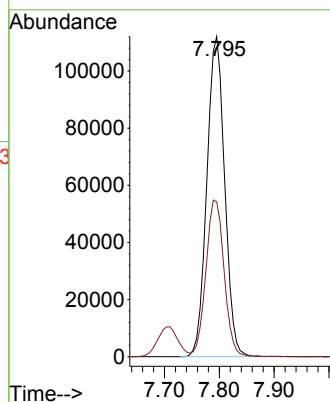
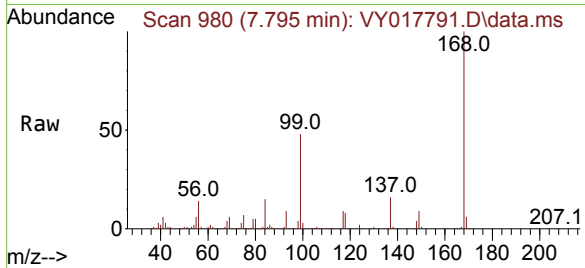
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017791.D
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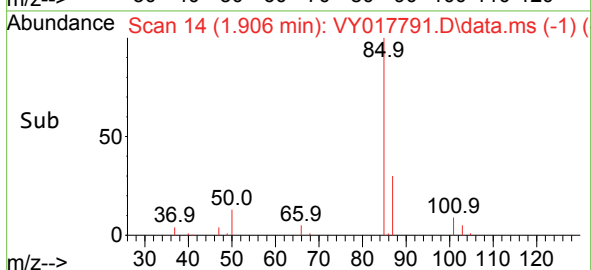
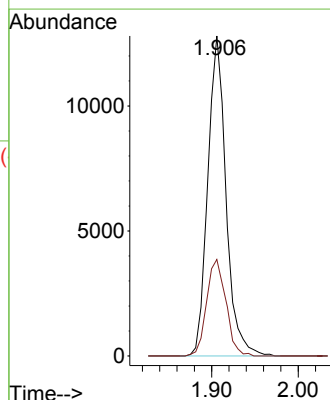
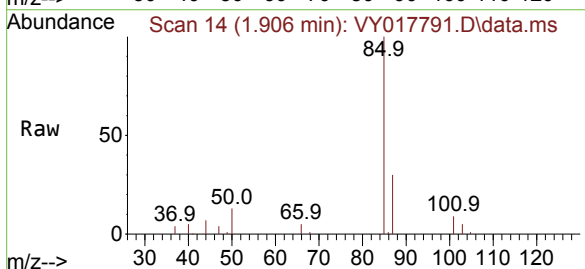
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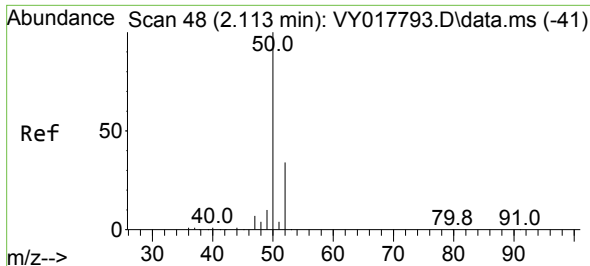
Tgt Ion:168 Resp: 252073
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 11.121 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 85 Resp: 18748
Ion Ratio Lower Upper
85 100
87 30.1 16.0 48.0

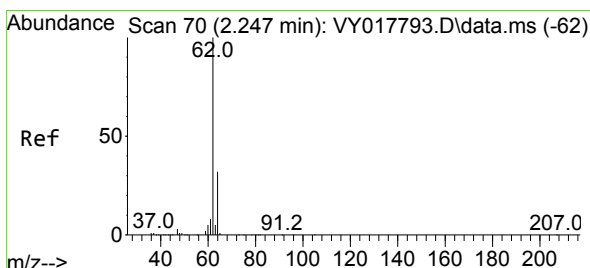
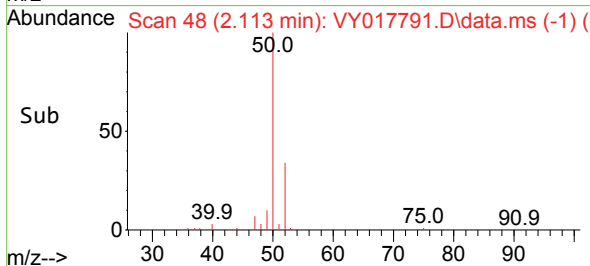
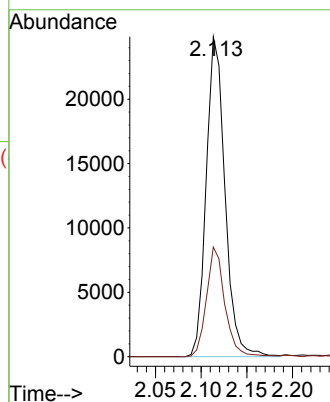
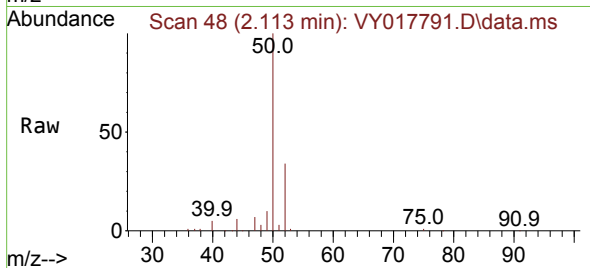




#3
Chloromethane
Concen: 10.767 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

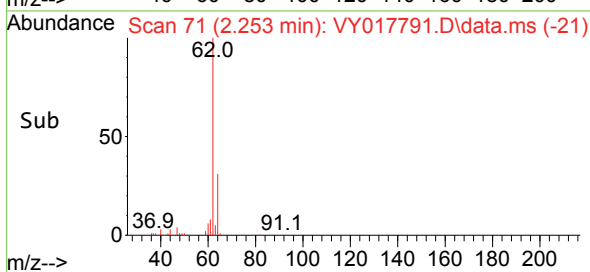
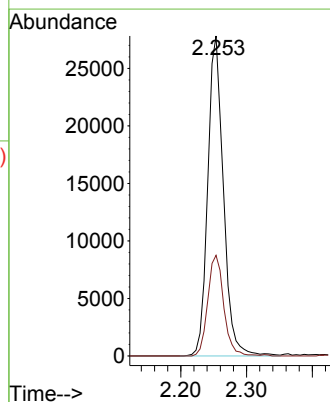
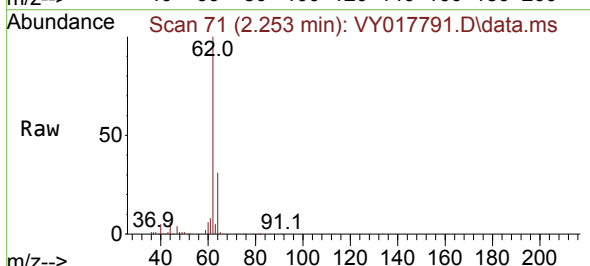
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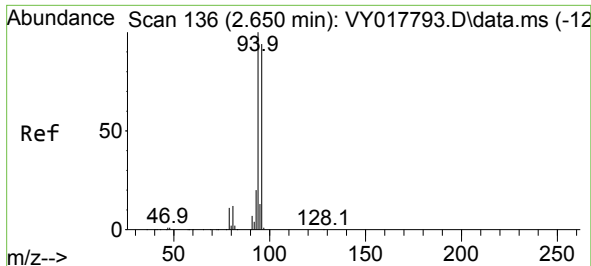
Tgt Ion: 50 Resp: 35427
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 10.717 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 62 Resp: 46084
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1

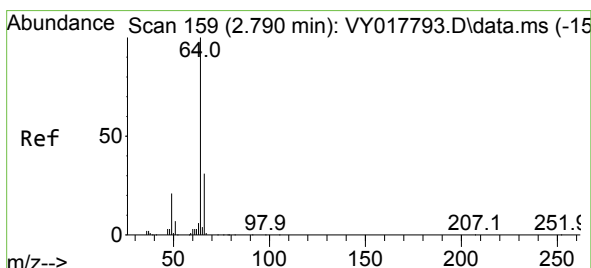
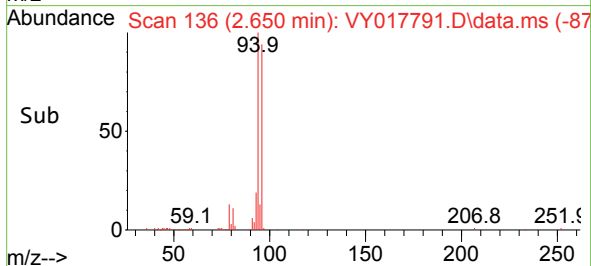
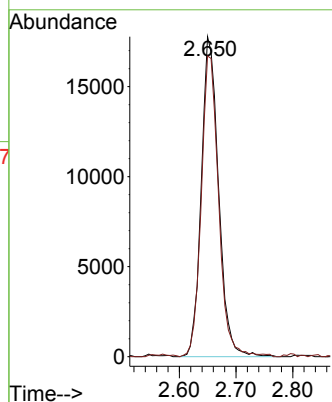
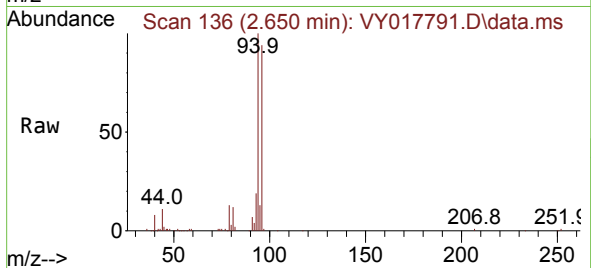




#5
Bromomethane
Concen: 10.836 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

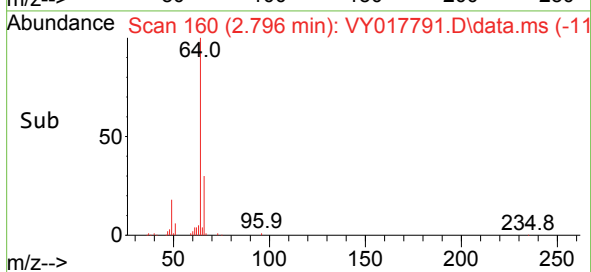
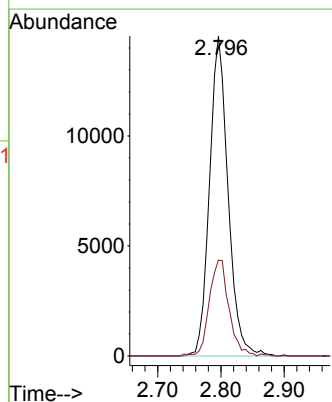
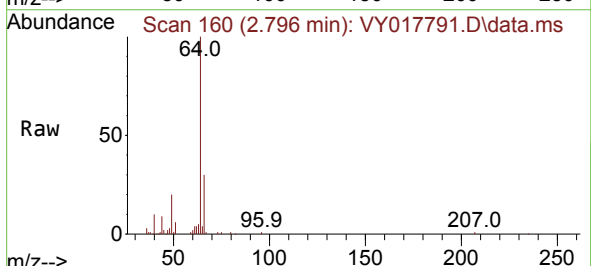
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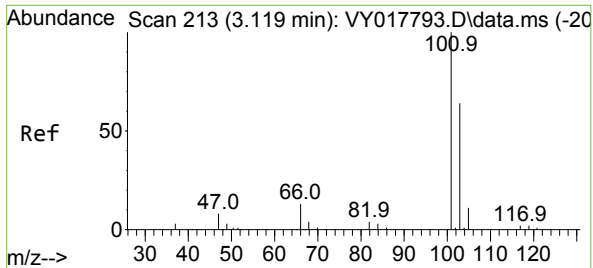
Tgt Ion: 94 Resp: 37673
Ion Ratio Lower Upper
94 100
96 94.0 74.1 111.1



#6
Chloroethane
Concen: 10.541 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 64 Resp: 29573
Ion Ratio Lower Upper
64 100
66 30.0 26.1 39.1

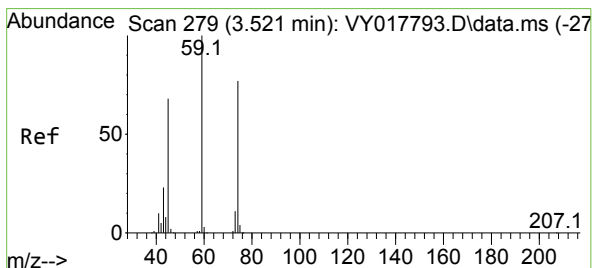
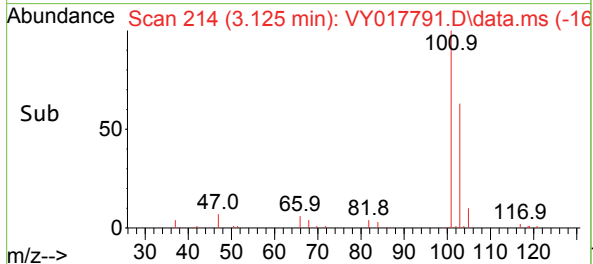
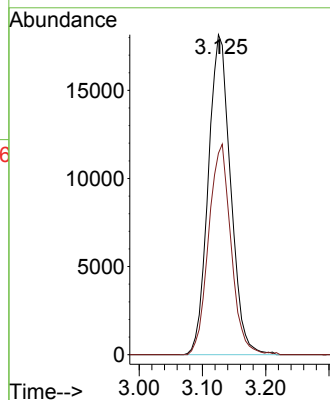
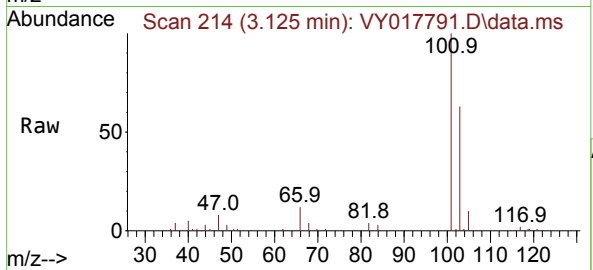




#7
 Trichlorofluoromethane
 Concen: 10.630 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017791.D
 Acq: 29 Mar 2024 15:10

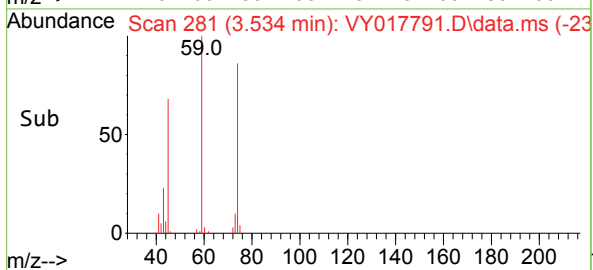
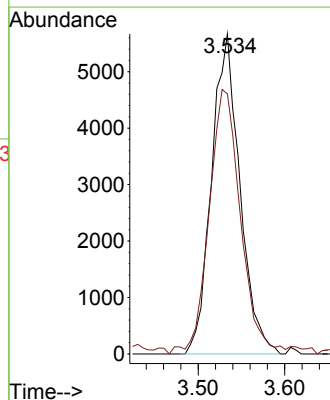
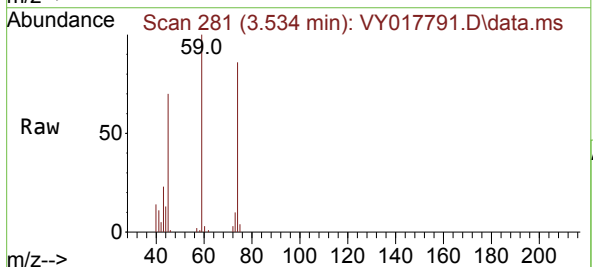
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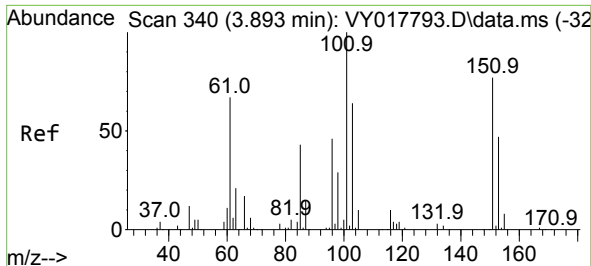
Tgt Ion:101 Resp: 44576
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 10.464 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY017791.D
 Acq: 29 Mar 2024 15:10

Tgt Ion: 74 Resp: 12889
 Ion Ratio Lower Upper
 74 100
 45 91.4 41.3 124.1

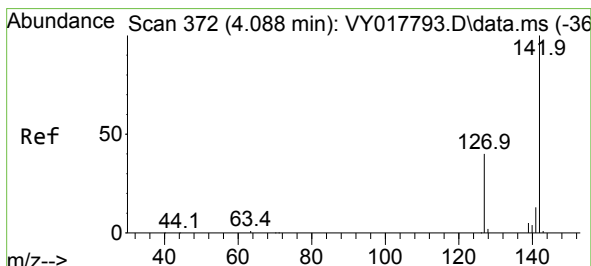
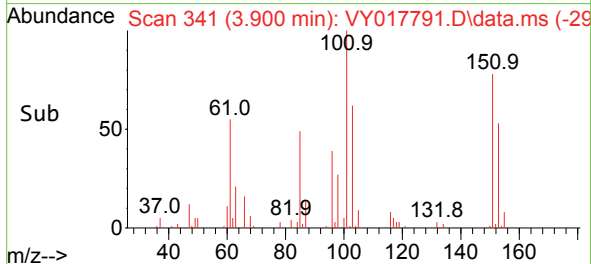
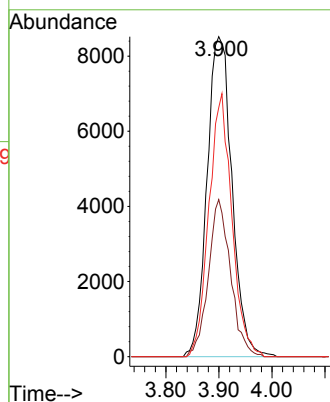
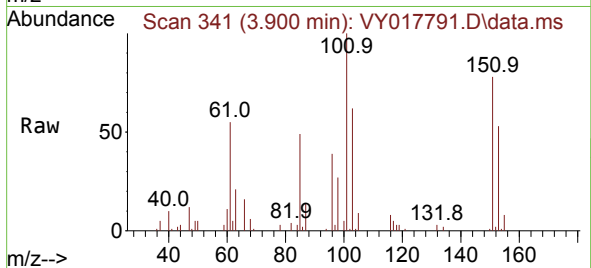




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.050 ug/l
 RT: 3.900 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VY017791.D
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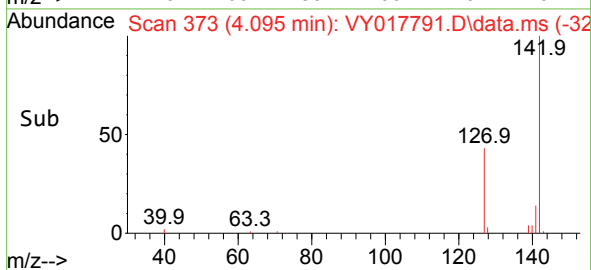
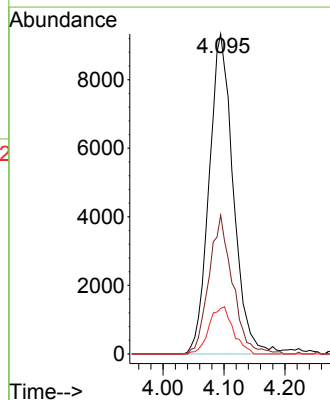
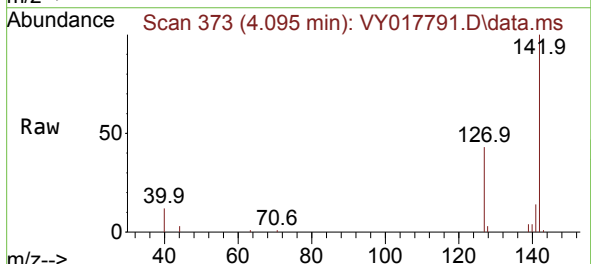
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

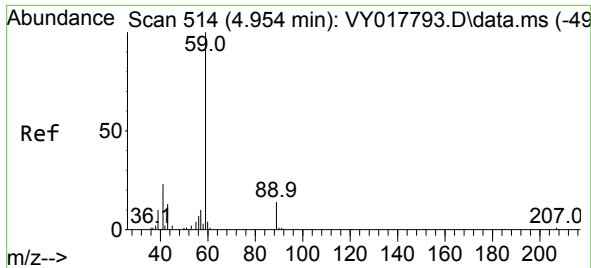
Tgt Ion:	101	Resp:	27787
Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.5	51.7
151	75.8	61.7	92.5



#10
 Methyl Iodide
 Concen: 9.410 ug/l
 RT: 4.095 min Scan# 373
 Delta R.T. 0.006 min
 Lab File: VY017791.D
 Acq: 29 Mar 2024 15:10

Tgt Ion:	142	Resp:	25735
Ion	Ratio	Lower	Upper
142	100		
127	42.4	32.8	49.2
141	14.7	11.4	17.2

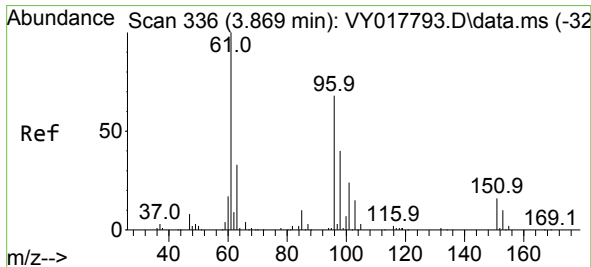
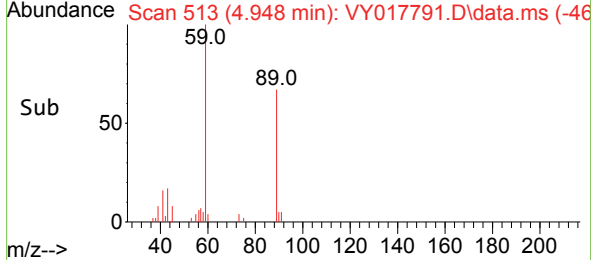
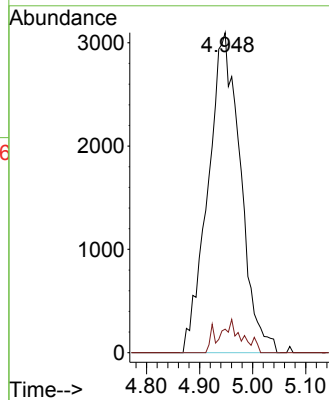
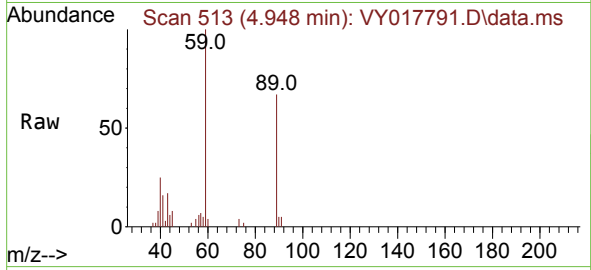




#11
Tert butyl alcohol
Concen: 56.732 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

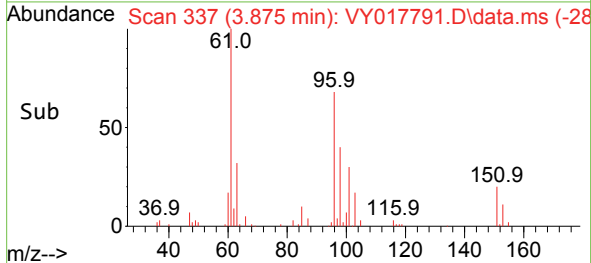
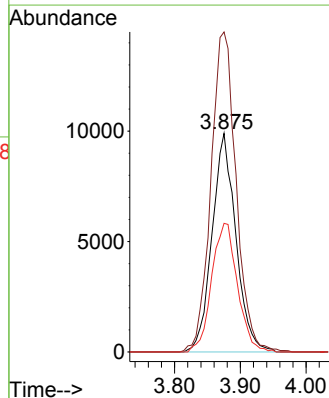
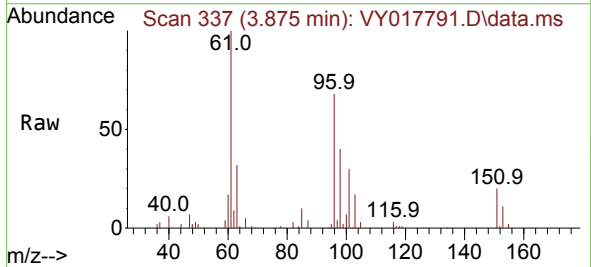
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

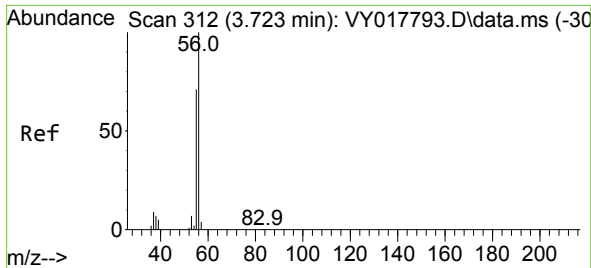
Tgt Ion: 59 Resp: 13109
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.6



#12
1,1-Dichloroethene
Concen: 10.612 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 96 Resp: 24972
Ion Ratio Lower Upper
96 100
61 146.5 114.6 171.8
98 58.9 50.8 76.2





#13

Acrolein

Concen: 51.053 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

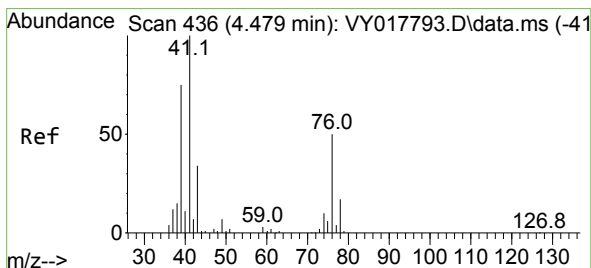
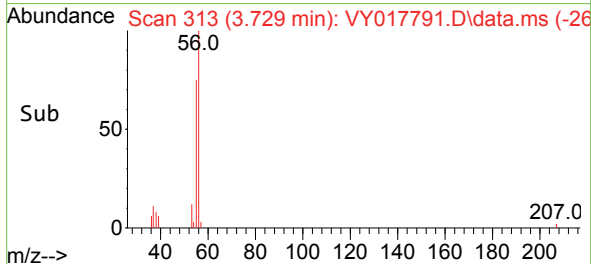
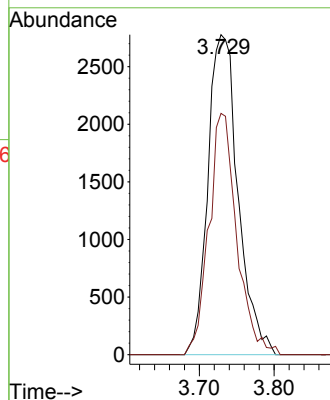
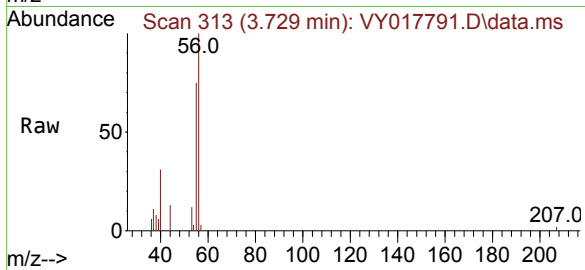
VSTDICC010

Tgt Ion: 56 Resp: 7802

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 10.466 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

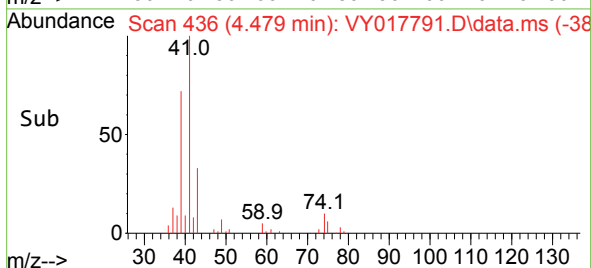
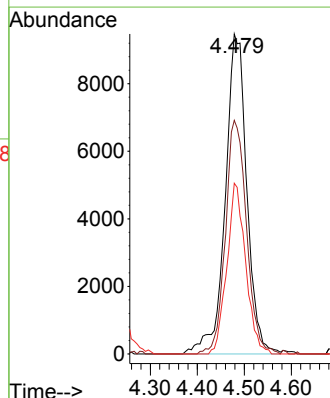
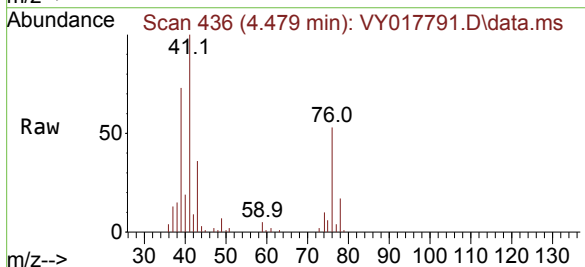
Tgt Ion: 41 Resp: 30214

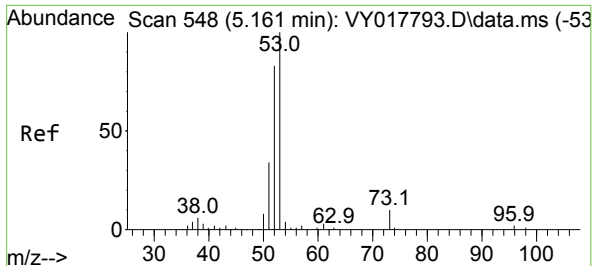
Ion Ratio Lower Upper

41 100

39 71.4 58.3 87.5

76 46.5 39.0 58.6

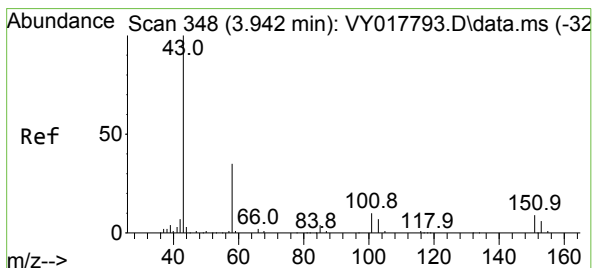
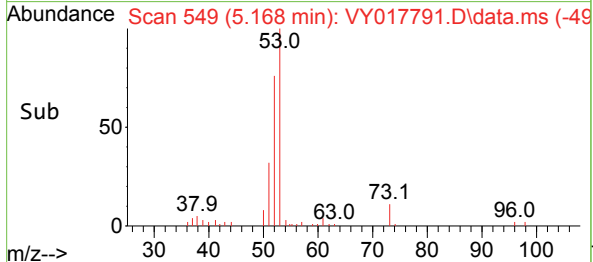
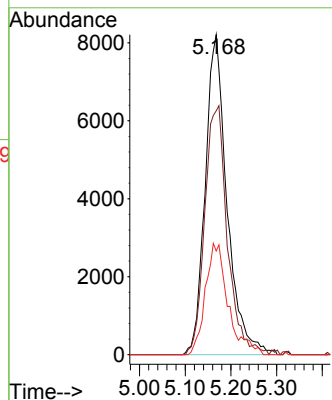
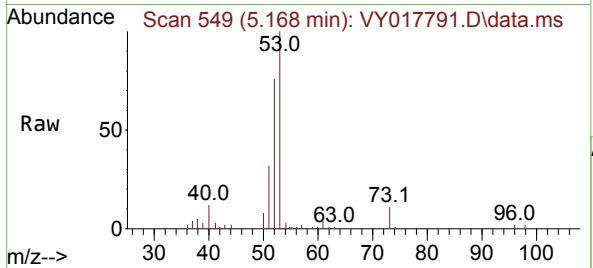




#15
Acrylonitrile
Concen: 52.400 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

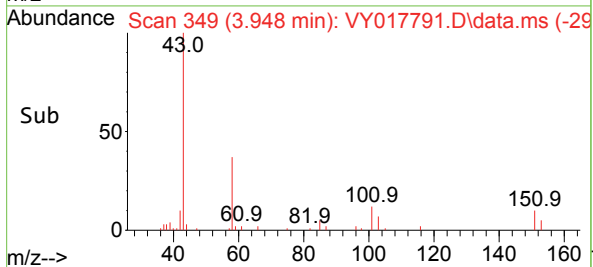
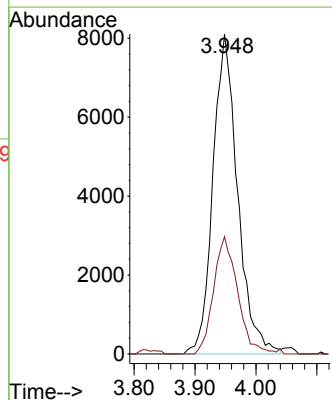
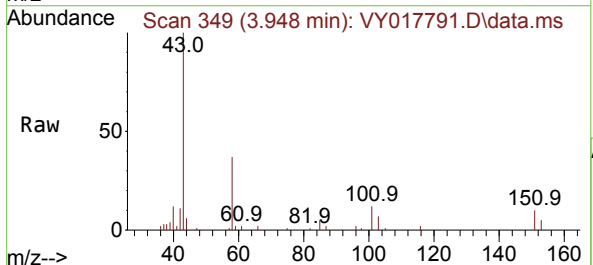
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

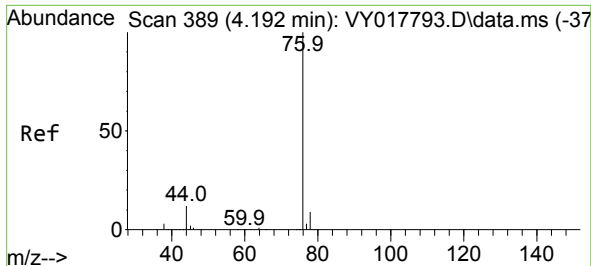
Tgt Ion: 53 Resp: 27245
Ion Ratio Lower Upper
53 100
52 80.3 64.7 97.1
51 36.2 28.4 42.6



#16
Acetone
Concen: 50.483 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 43 Resp: 22762
Ion Ratio Lower Upper
43 100
58 36.7 31.7 47.5

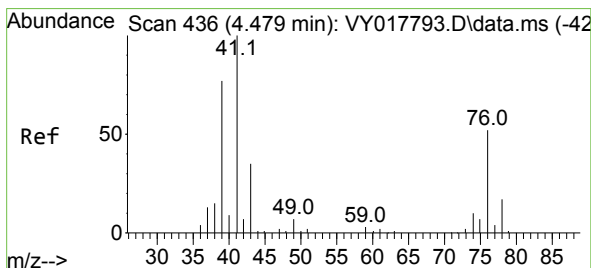
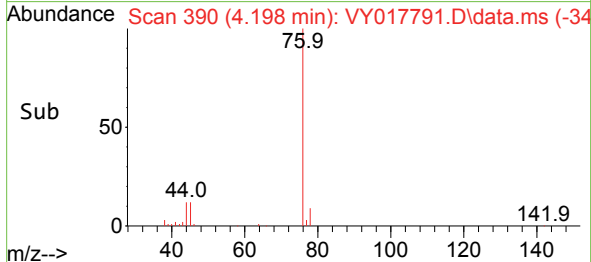
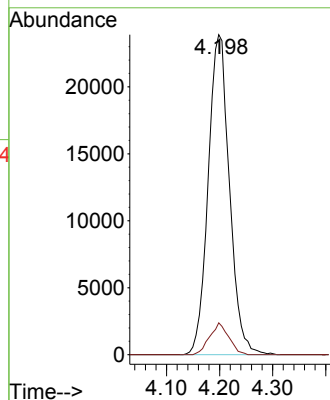
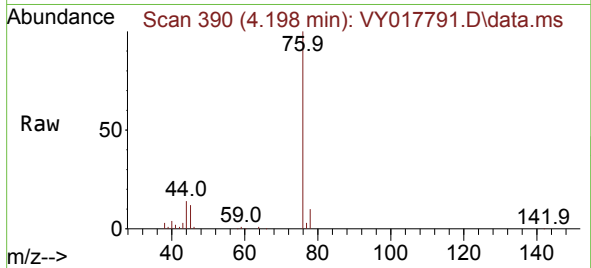




#17
Carbon Disulfide
Concen: 10.000 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

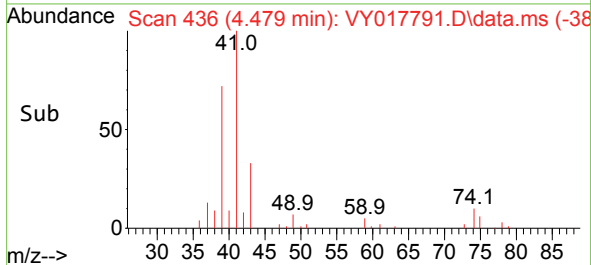
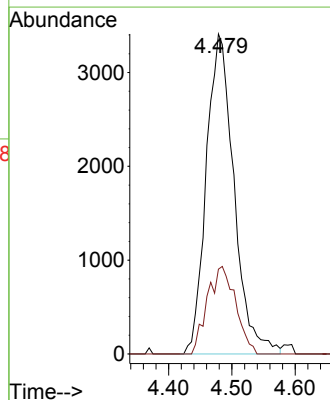
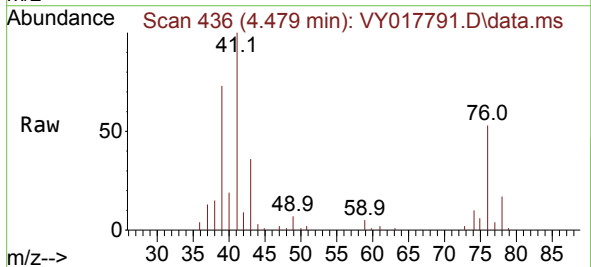
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

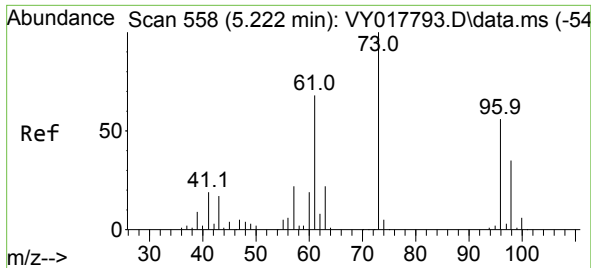
Tgt Ion: 76 Resp: 66591
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 10.392 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 43 Resp: 10378
Ion Ratio Lower Upper
43 100
74 27.9 23.3 34.9

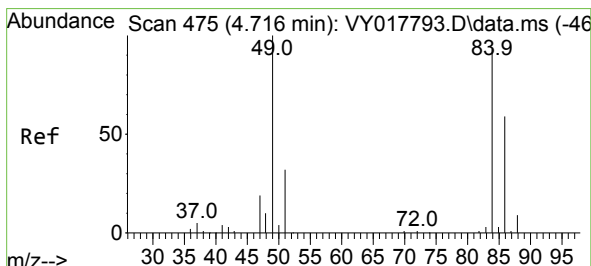
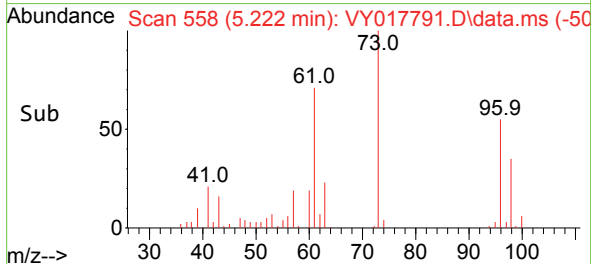
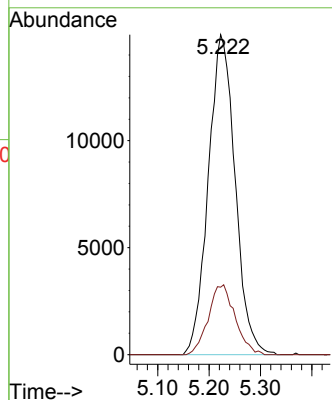
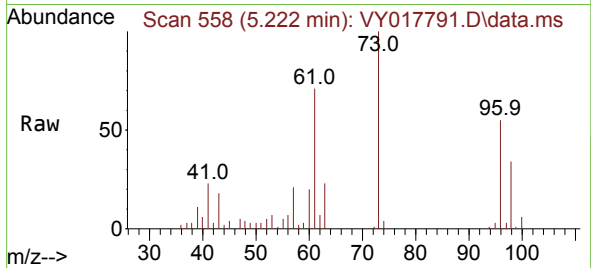




#19
Methyl tert-butyl Ether
Concen: 10.039 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

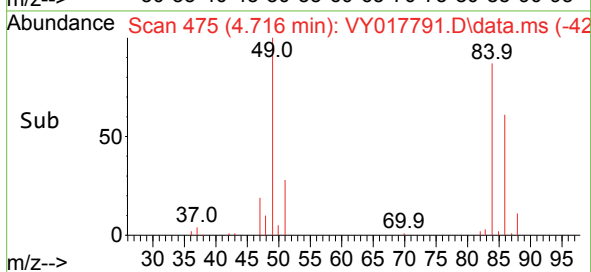
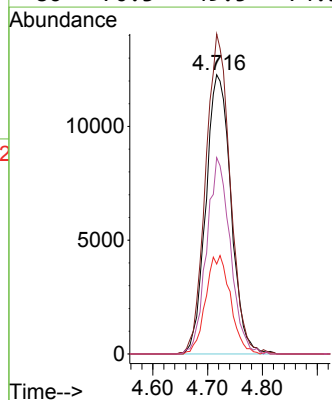
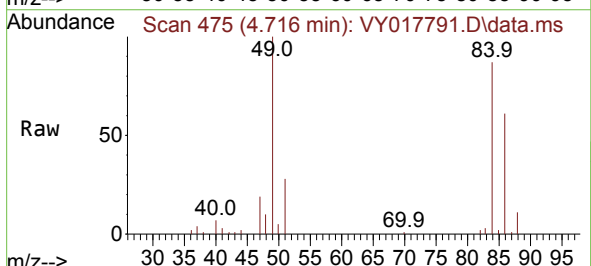
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

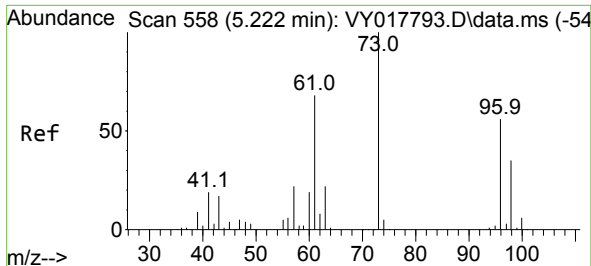
Tgt Ion: 73 Resp: 54091
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 12.086 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 84 Resp: 38956
Ion Ratio Lower Upper
84 100
49 114.6 84.4 126.6
51 32.2 26.0 39.0
86 70.3 49.5 74.3

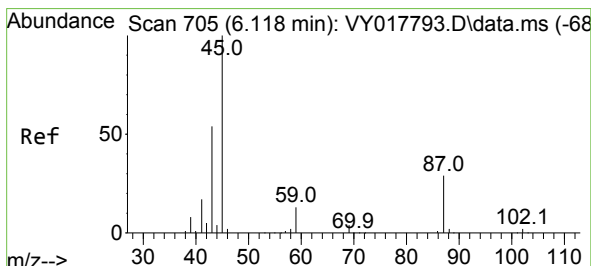
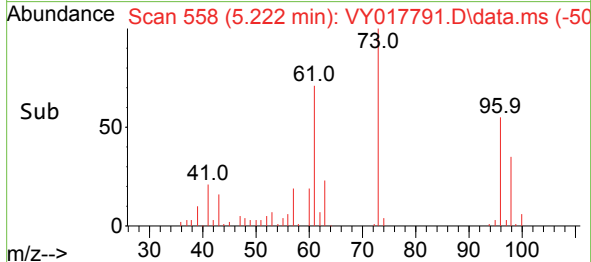
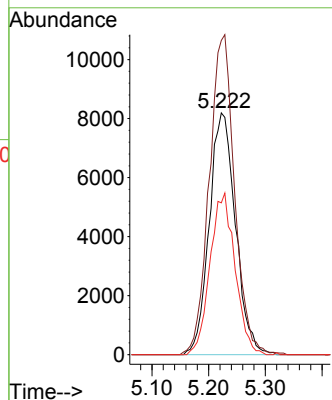
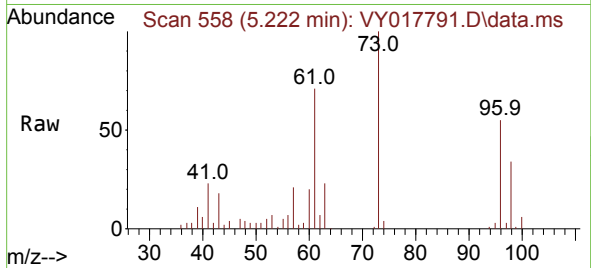




#21
trans-1,2-Dichloroethene
Concen: 10.456 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

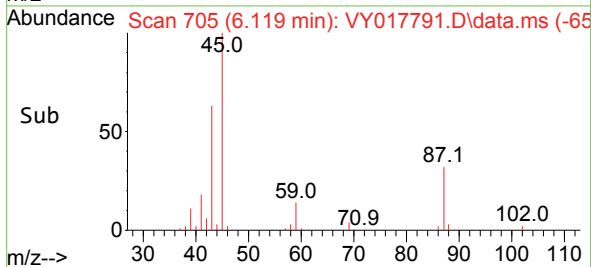
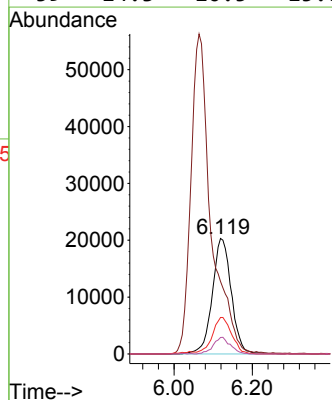
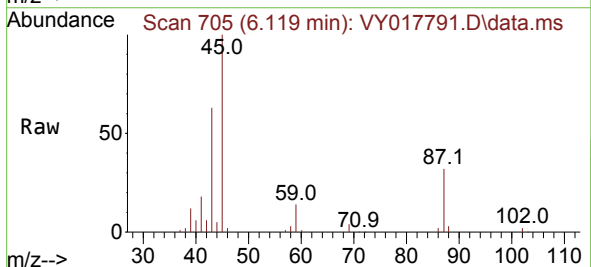
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

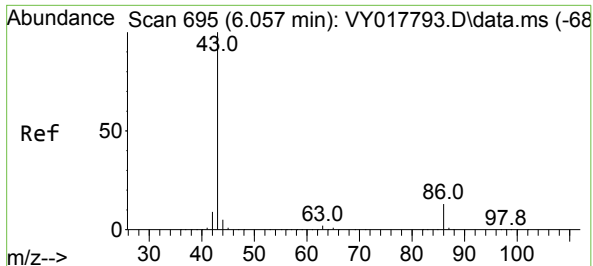
Tgt Ion: 96 Resp: 26330
Ion Ratio Lower Upper
96 100
61 130.0 97.5 146.3
98 62.8 50.5 75.7



#22
Diisopropyl ether
Concen: 10.243 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 45 Resp: 68350
Ion Ratio Lower Upper
45 100
43 62.0 42.2 63.2
87 31.6 25.0 37.6
59 14.3 10.5 15.7

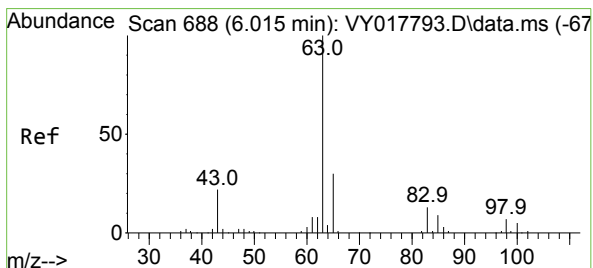
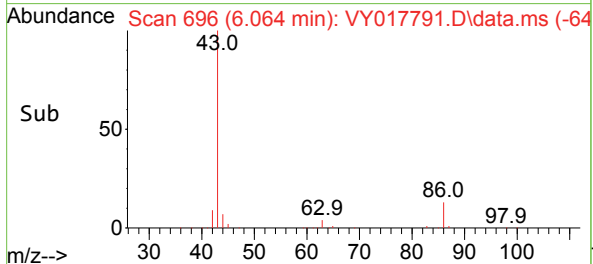
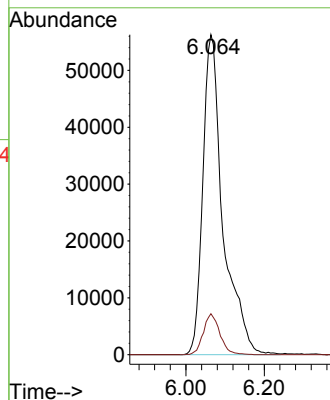
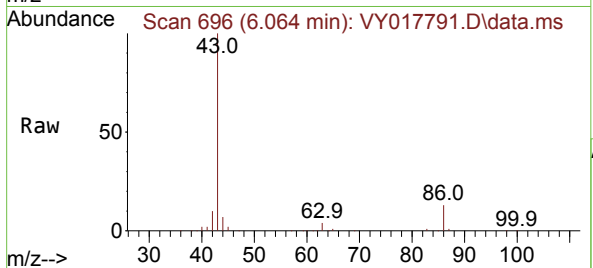




#23
 Vinyl Acetate
 Concen: 49.408 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017791.D
 Acq: 29 Mar 2024 15:10

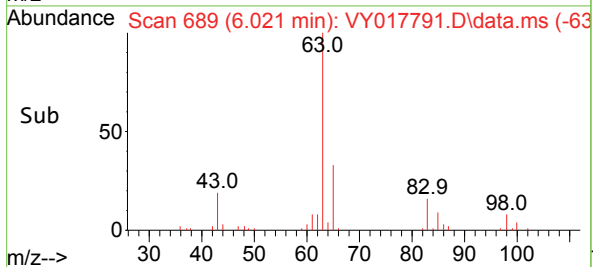
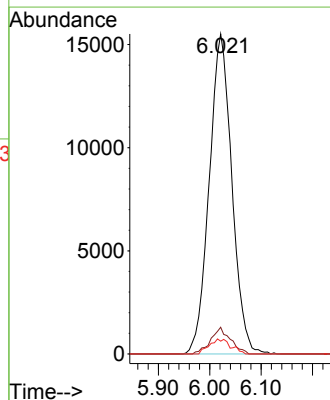
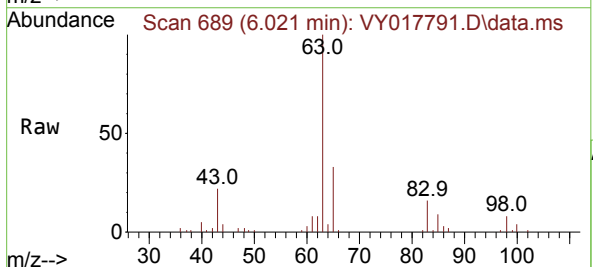
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

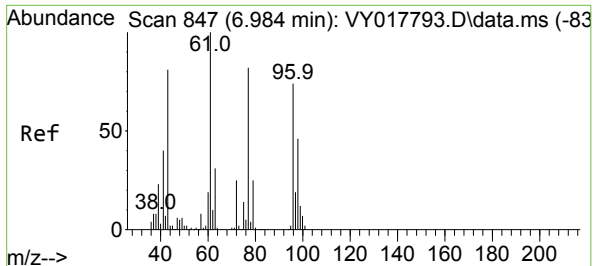
Tgt Ion: 43 Resp: 201289
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 10.711 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017791.D
 Acq: 29 Mar 2024 15:10

Tgt Ion: 63 Resp: 47436
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 4.0 2.6 8.0

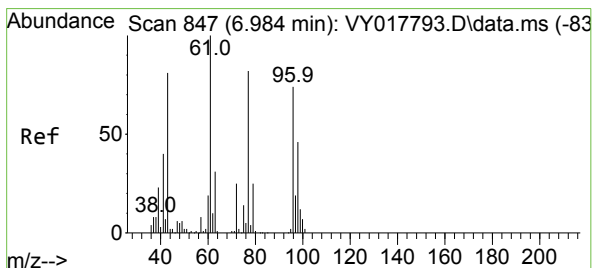
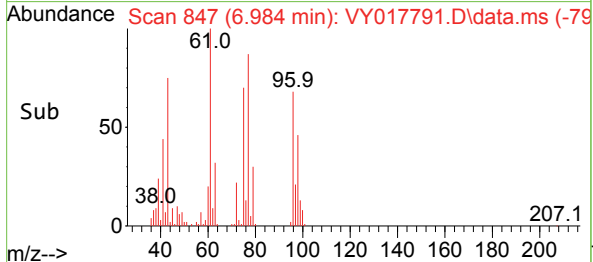
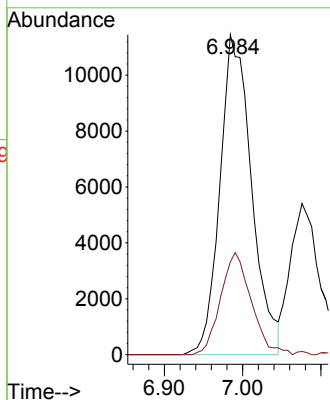
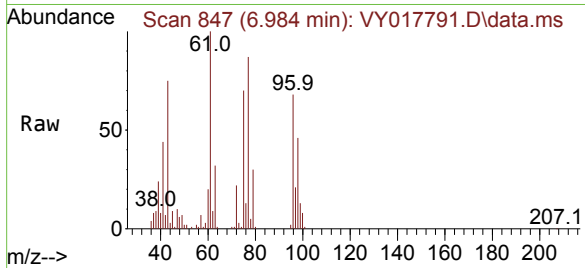




#25
2-Butanone
Concen: 50.131 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

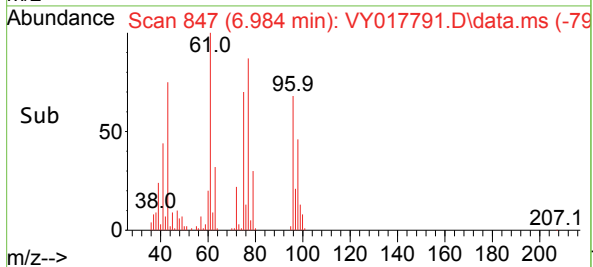
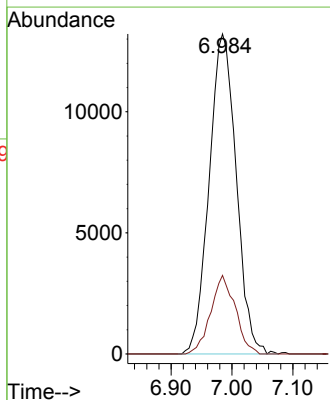
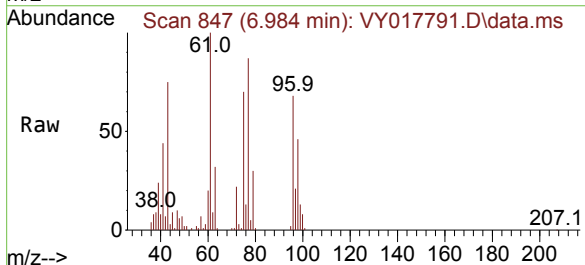
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

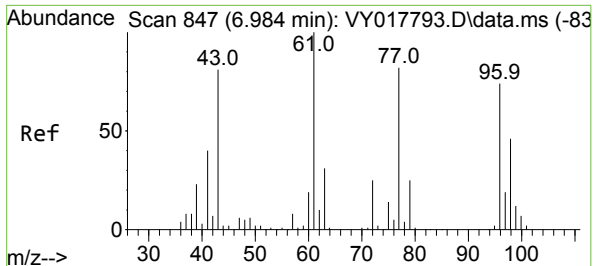
Tgt Ion: 43 Resp: 32200
Ion Ratio Lower Upper
43 100
72 29.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 10.658 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 77 Resp: 40768
Ion Ratio Lower Upper
77 100
97 22.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 10.271 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

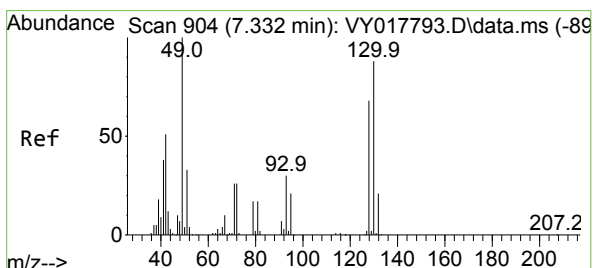
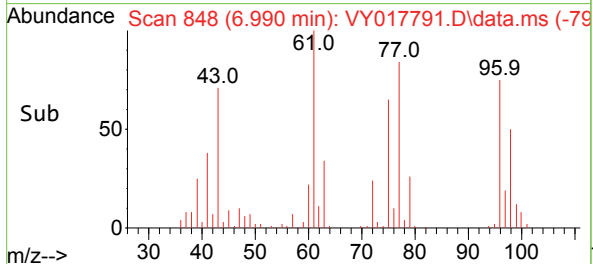
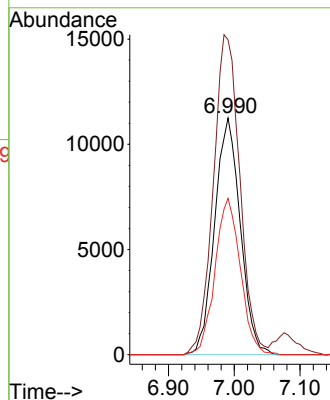
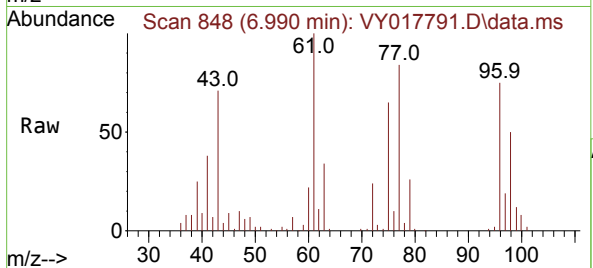
Tgt Ion: 96 Resp: 30568

Ion Ratio Lower Upper

96 100

61 139.6 0.0 256.2

98 65.4 0.0 130.0



#28

Bromochloromethane

Concen: 9.164 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

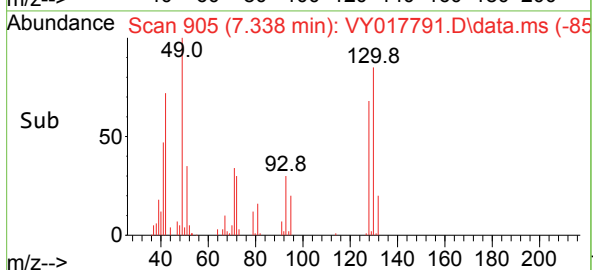
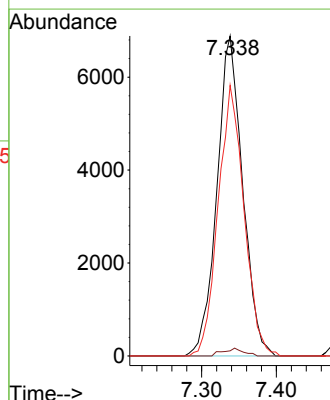
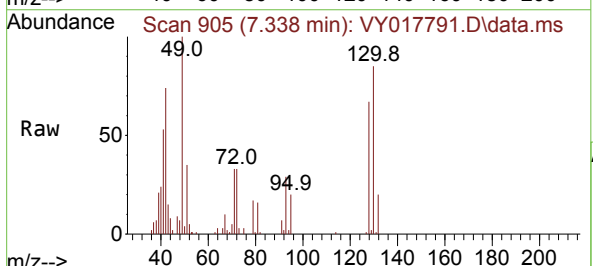
Tgt Ion: 49 Resp: 16505

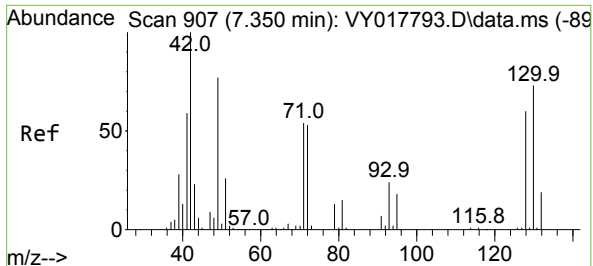
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 84.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 50.017 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

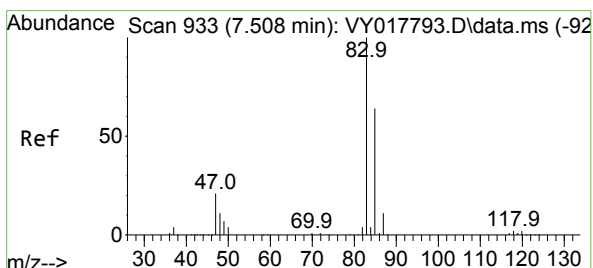
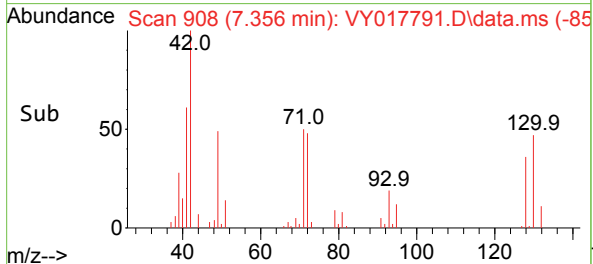
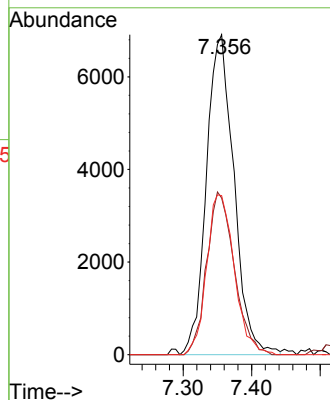
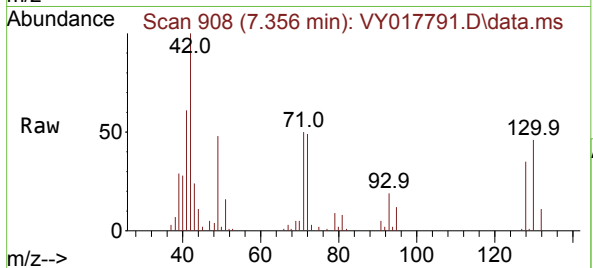
Tgt Ion: 42 Resp: 19277

Ion Ratio Lower Upper

42 100

72 51.0 43.0 64.4

71 50.2 40.8 61.2



#30

Chloroform

Concen: 10.858 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017791.D

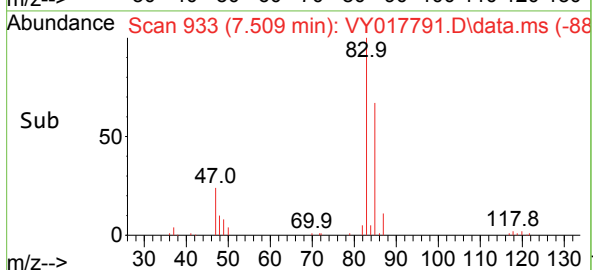
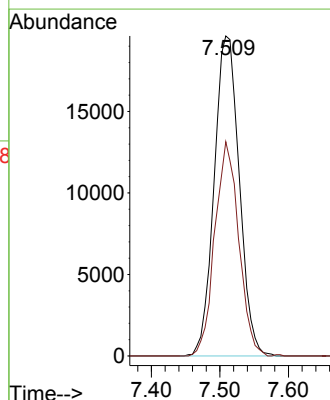
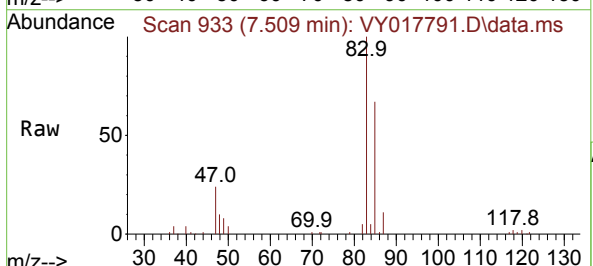
Acq: 29 Mar 2024 15:10

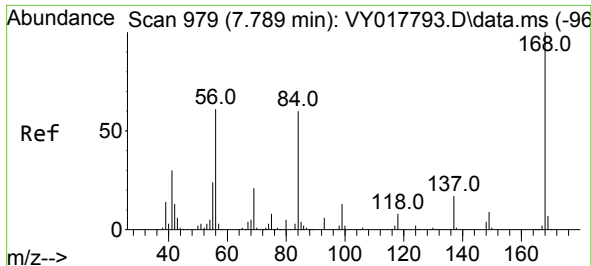
Tgt Ion: 83 Resp: 49894

Ion Ratio Lower Upper

83 100

85 66.9 52.2 78.4

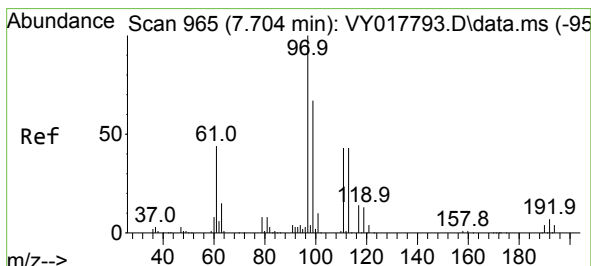
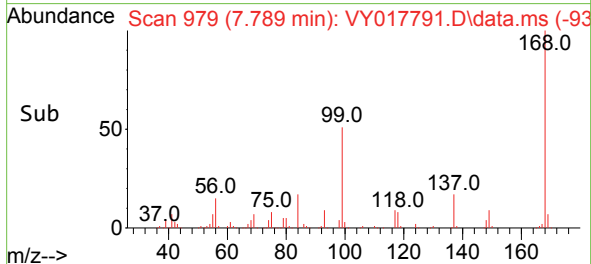
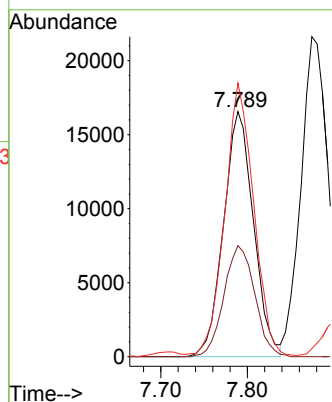
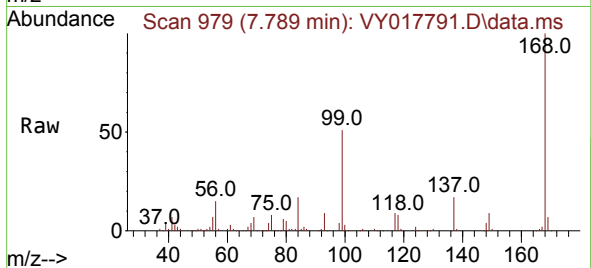




#31
Cyclohexane
Concen: 10.385 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

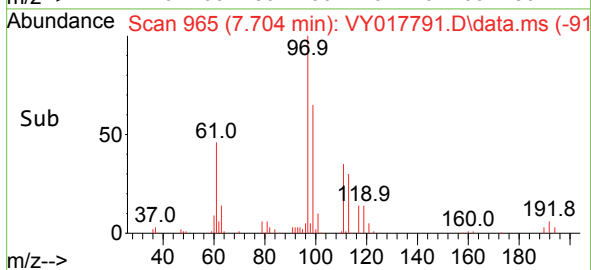
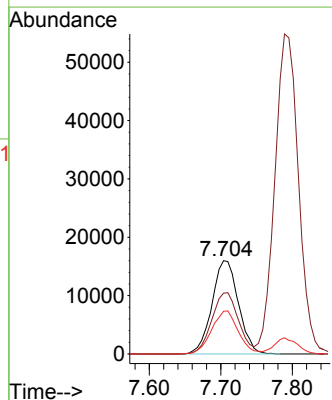
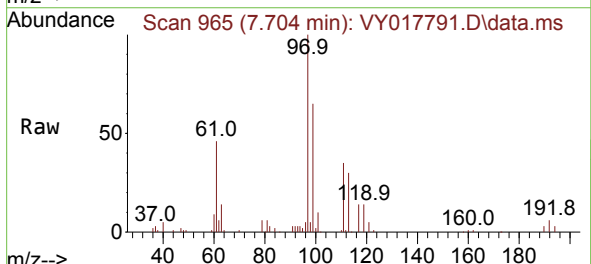
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

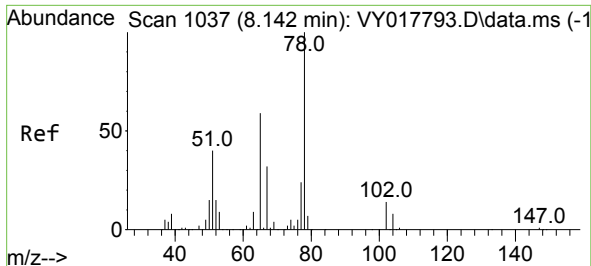
Tgt Ion: 56 Resp: 39905
Ion Ratio Lower Upper
56 100
69 45.3 28.7 43.1#
84 110.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 10.480 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 97 Resp: 40989
Ion Ratio Lower Upper
97 100
99 66.6 50.3 75.5
61 46.8 32.6 48.8

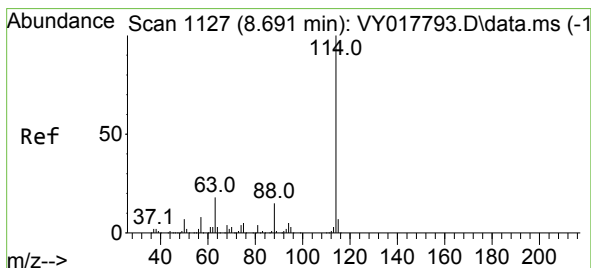
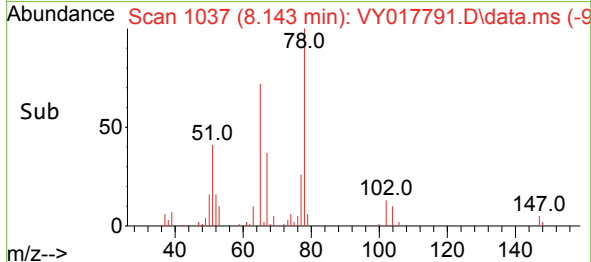
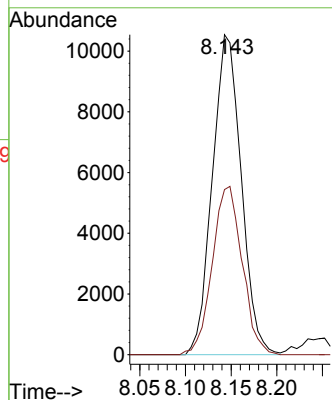
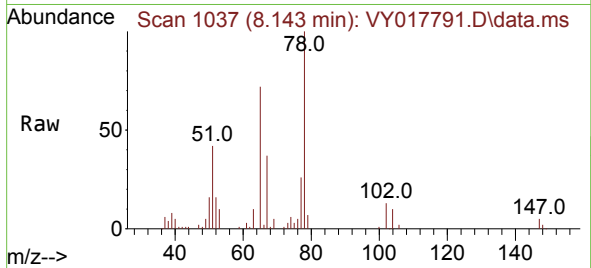




#33
 1,2-Dichloroethane-d4
 Concen: 10.623 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017791.D
 Acq: 29 Mar 2024 15:10

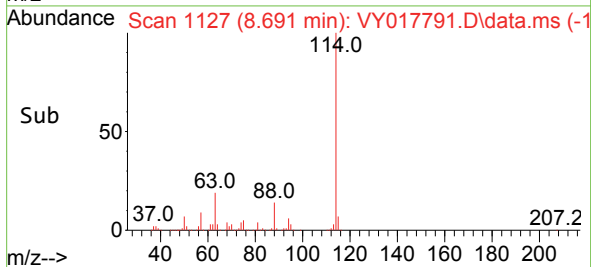
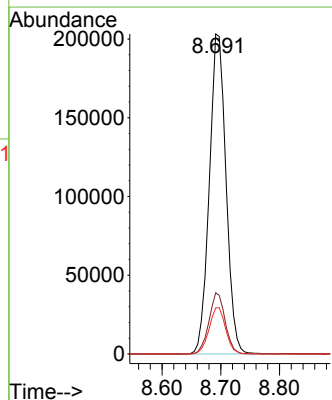
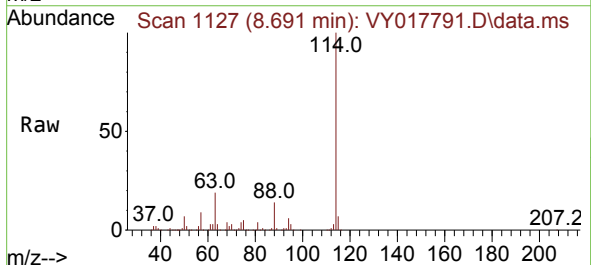
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

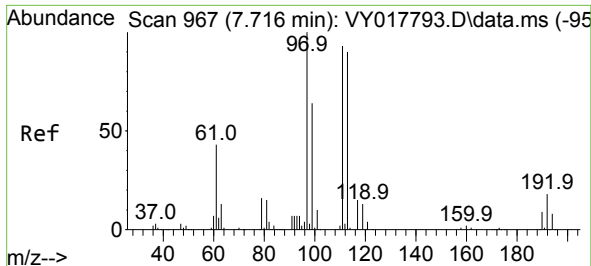
Tgt Ion: 65 Resp: 23172
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017791.D
 Acq: 29 Mar 2024 15:10

Tgt Ion: 114 Resp: 400692
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.0
 88 14.4 0.0 27.2

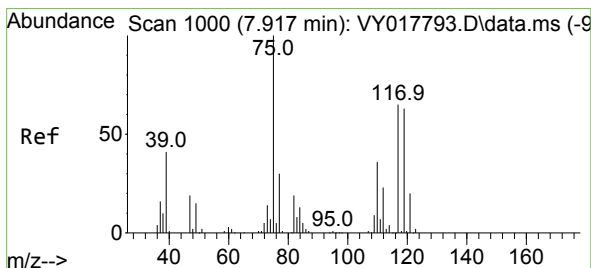
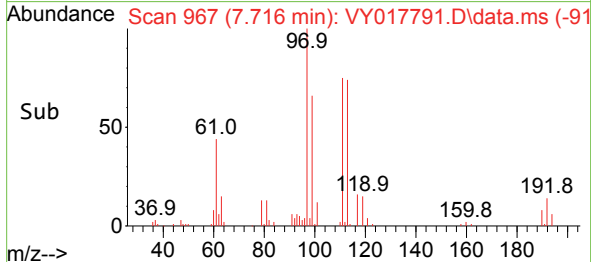
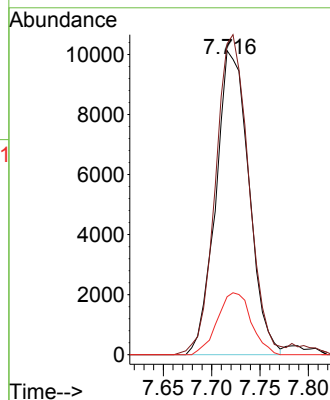
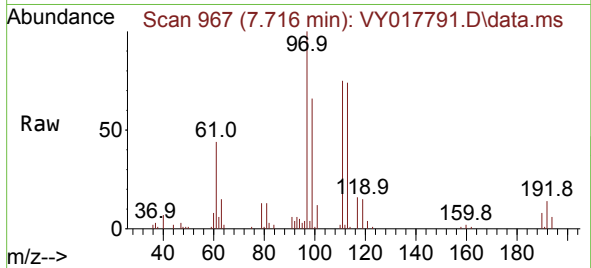




#35
Dibromofluoromethane
Concen: 10.399 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

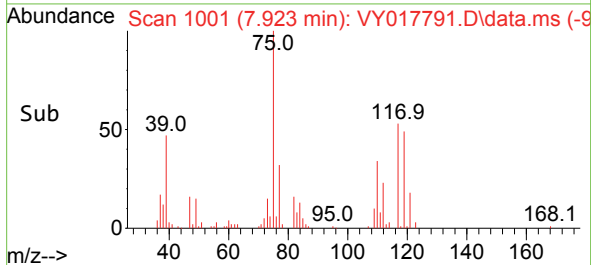
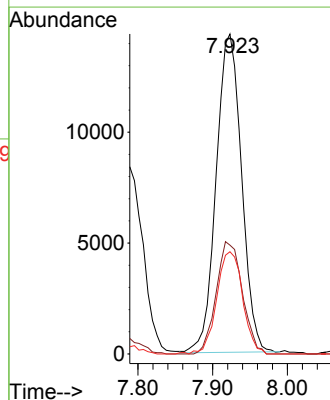
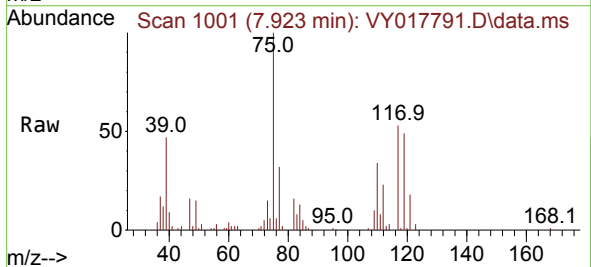
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

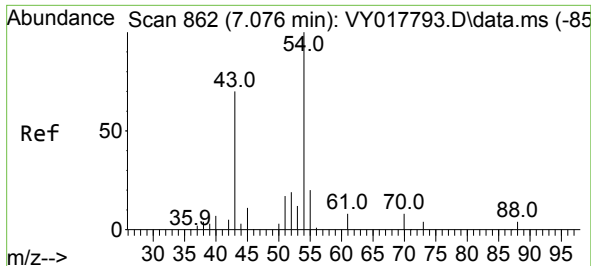
Tgt Ion:113 Resp: 24077
Ion Ratio Lower Upper
113 100
111 105.6 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 10.059 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 75 Resp: 33981
Ion Ratio Lower Upper
75 100
110 36.2 19.0 57.0
77 32.8 25.3 37.9

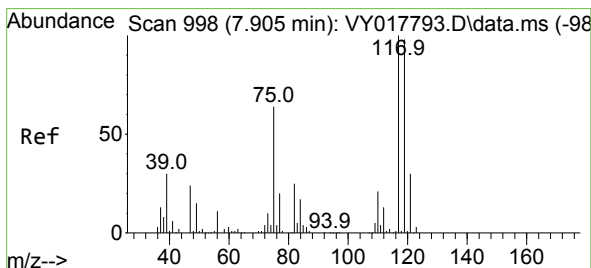
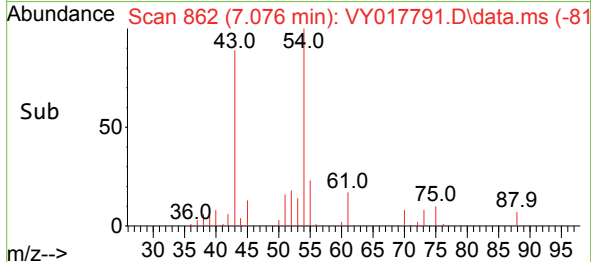
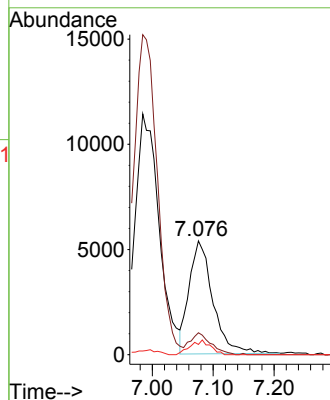
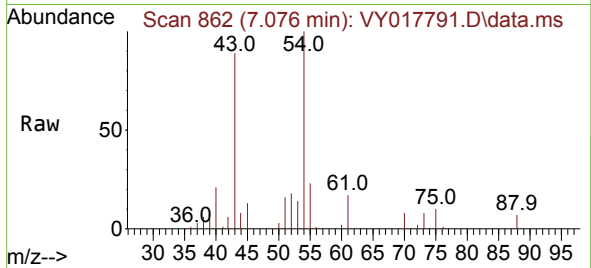




#37
Ethyl Acetate
Concen: 10.000 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

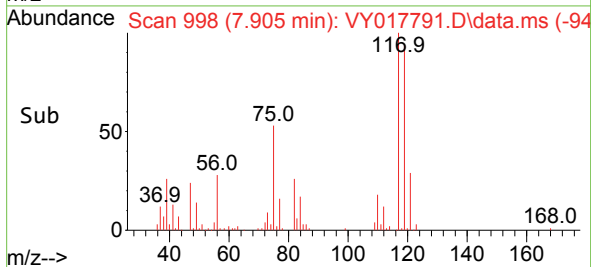
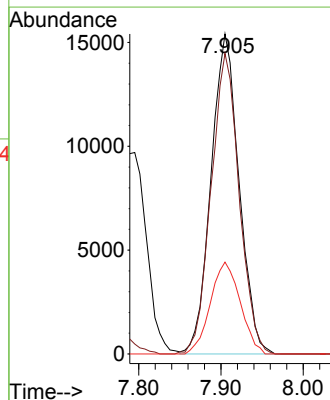
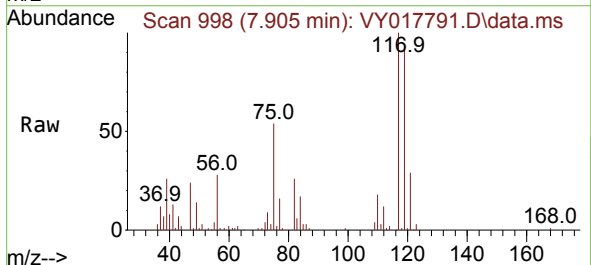
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

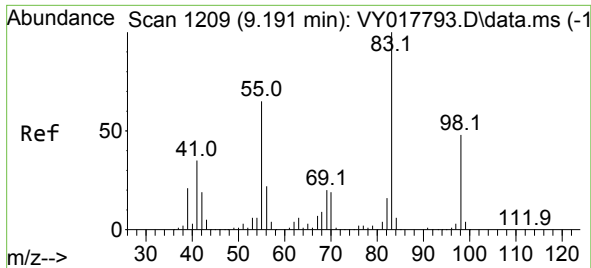
Tgt Ion: 43	Resp:	14579	
Ion	Ratio	Lower	Upper
43	100		
61	16.7	12.6	19.0
70	10.8	7.8	11.8



#38
Carbon Tetrachloride
Concen: 10.417 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion:117	Resp:	36534	
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.6
121	28.7	24.0	36.0

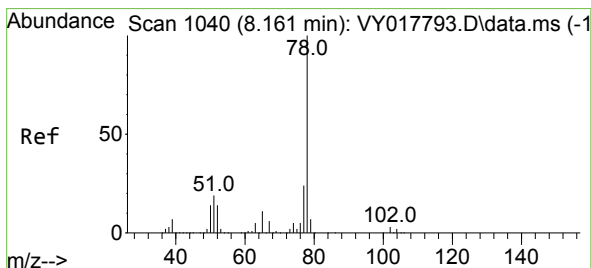
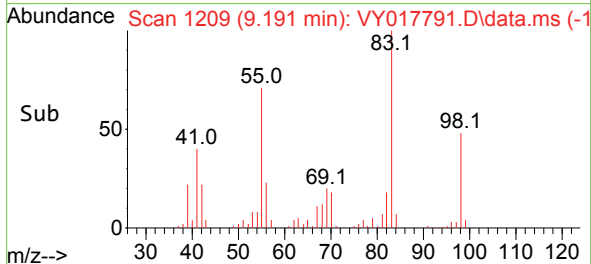
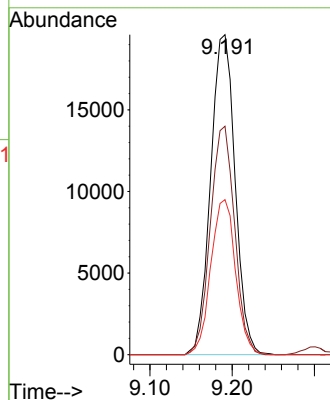
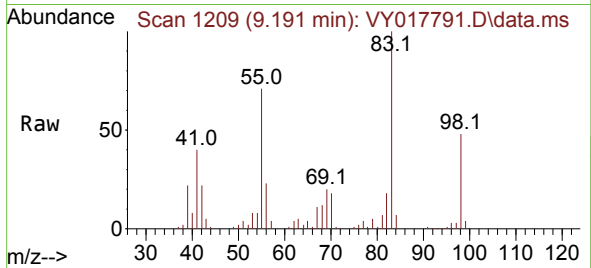




#39
Methylcyclohexane
Concen: 9.610 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

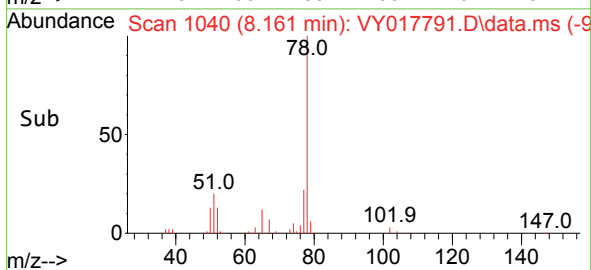
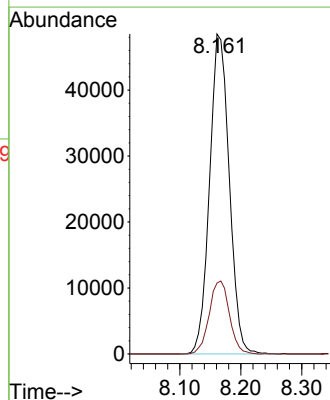
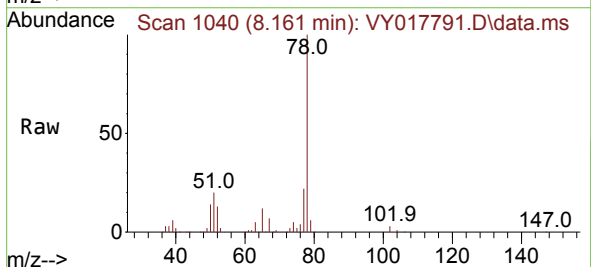
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

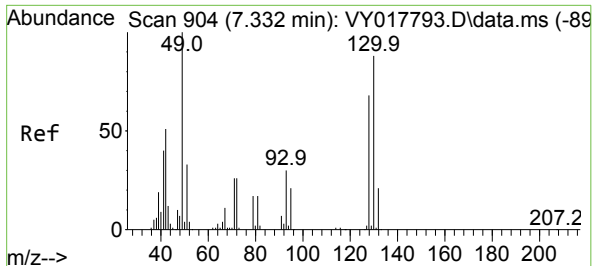
Tgt Ion: 83 Resp: 40554
Ion Ratio Lower Upper
83 100
55 71.4 51.5 77.3
98 48.5 40.5 60.7



#40
Benzene
Concen: 10.450 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 78 Resp: 108794
Ion Ratio Lower Upper
78 100
77 22.2 19.5 29.3

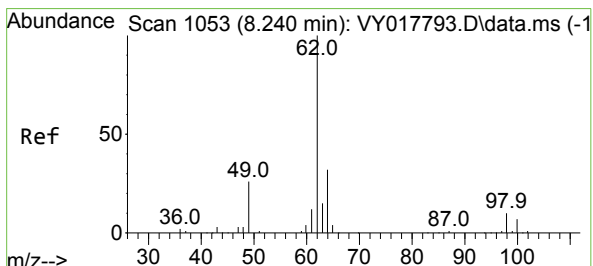
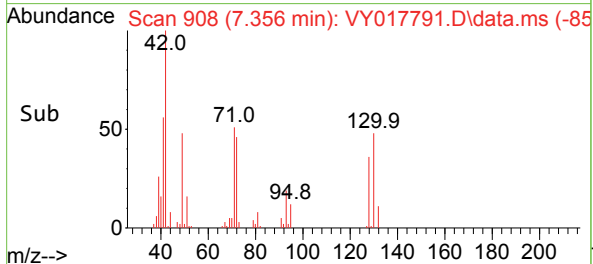
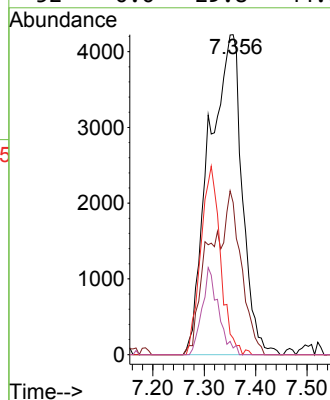
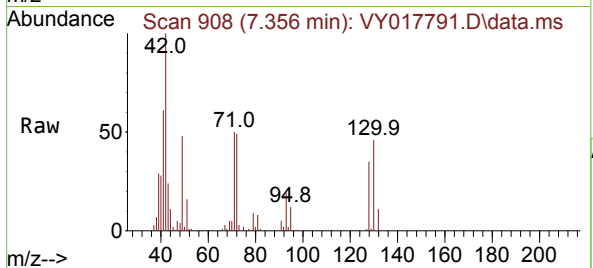




#41
Methacrylonitrile
Concen: 24.879 ug/l
RT: 7.356 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

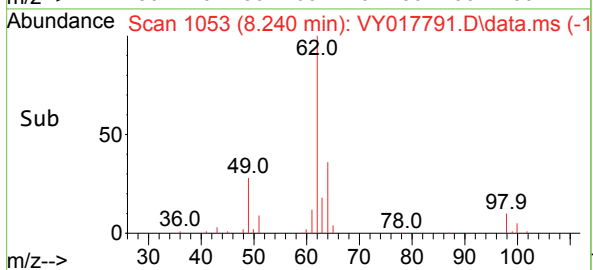
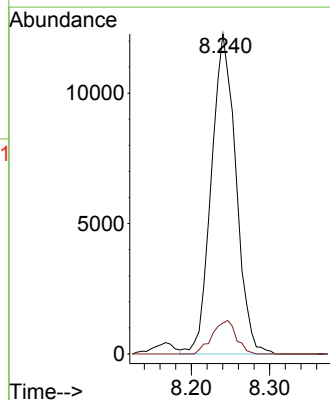
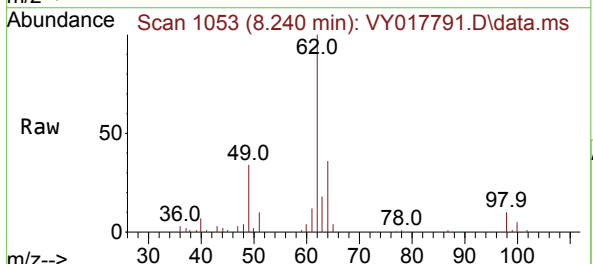
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

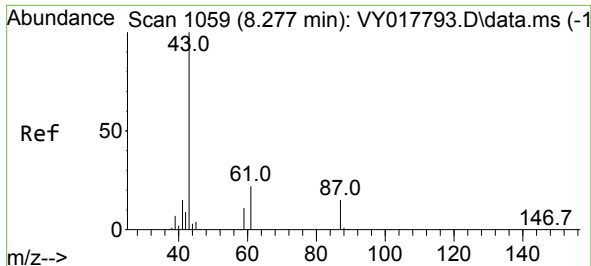
Tgt Ion: 41 Resp: 18895
Ion Ratio Lower Upper
41 100
39 48.8 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 10.461 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 62 Resp: 26806
Ion Ratio Lower Upper
62 100
98 10.2 0.0 22.0

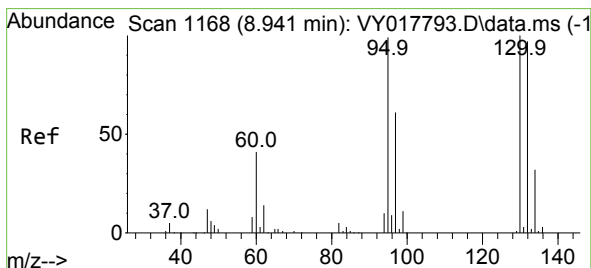
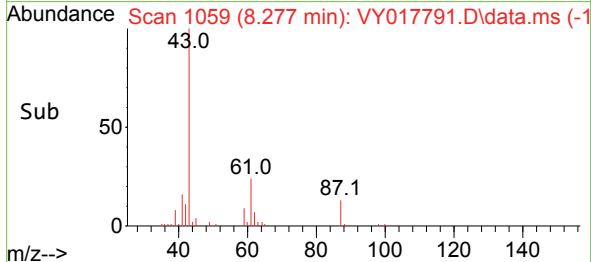
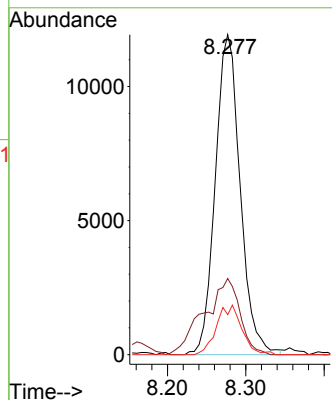
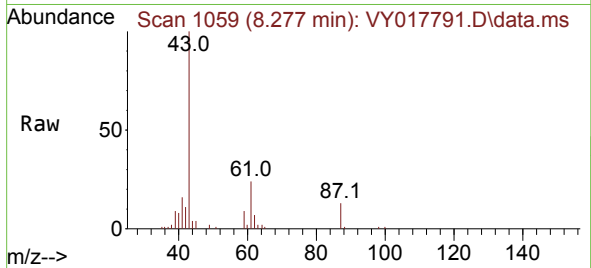




#43
Isopropyl Acetate
Concen: 9.971 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

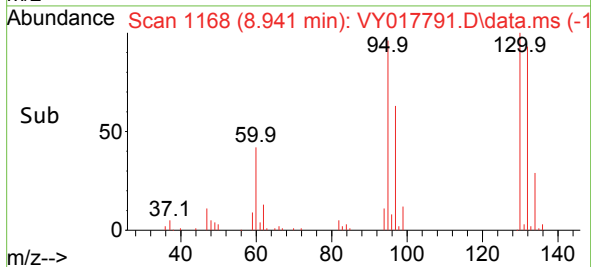
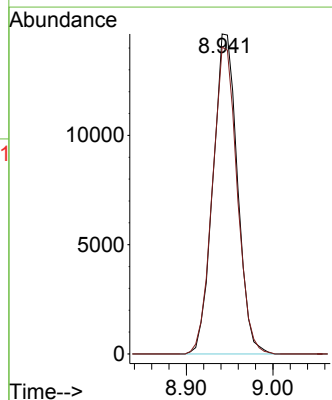
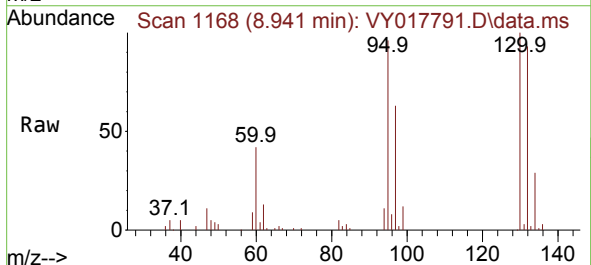
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

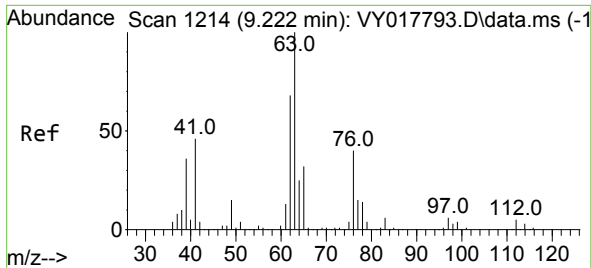
Tgt Ion: 43 Resp: 26382
Ion Ratio Lower Upper
43 100
61 34.1 27.9 41.9
87 15.7 13.1 19.7



#44
Trichloroethene
Concen: 10.582 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 130 Resp: 28664
Ion Ratio Lower Upper
130 100
95 95.8 0.0 188.0

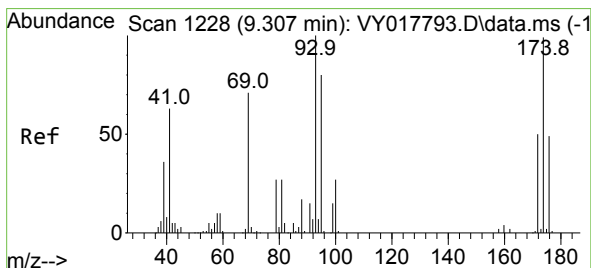
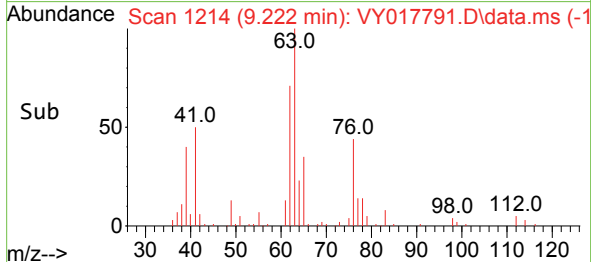
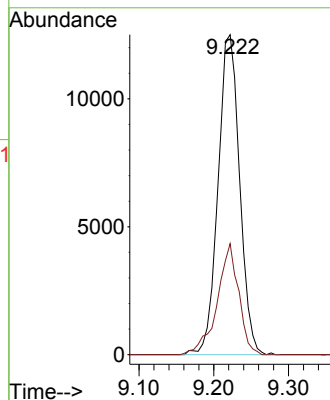
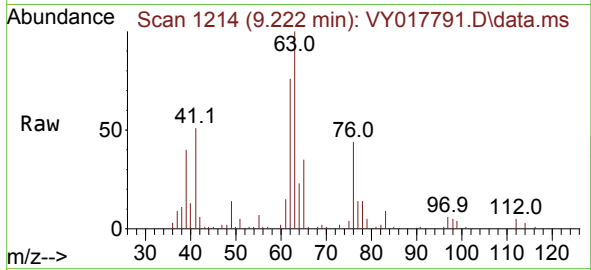




#45
1,2-Dichloropropane
Concen: 10.367 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

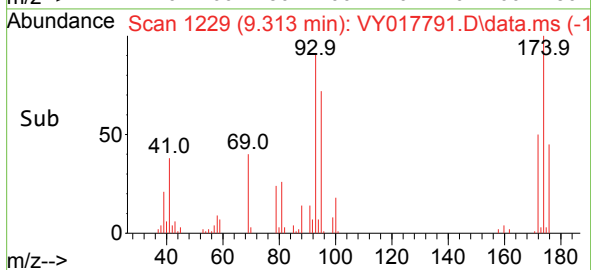
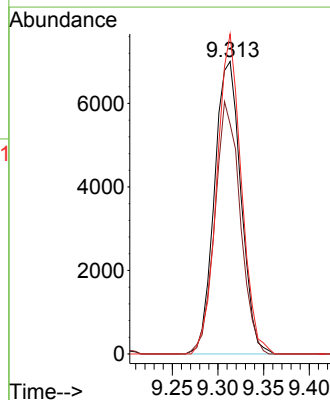
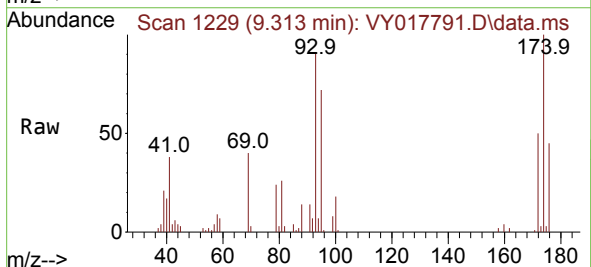
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

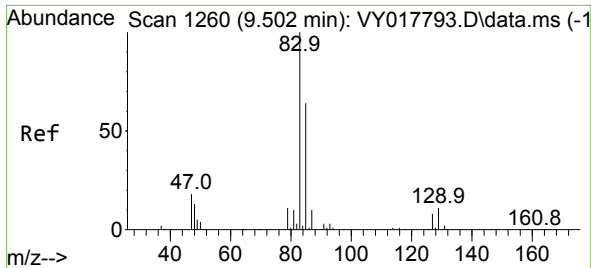
Tgt Ion: 63 Resp: 25081
Ion Ratio Lower Upper
63 100
65 34.7 25.4 38.2



#46
Dibromomethane
Concen: 10.277 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 93 Resp: 14126
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.4
174 101.1 80.9 121.3

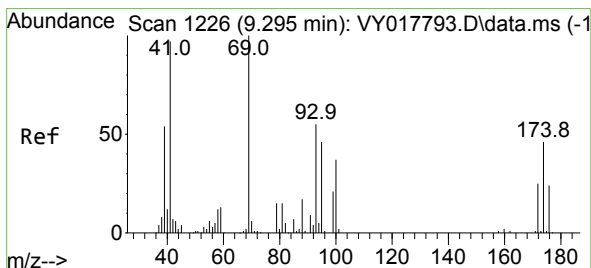
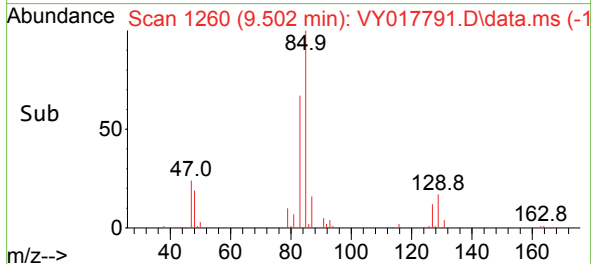
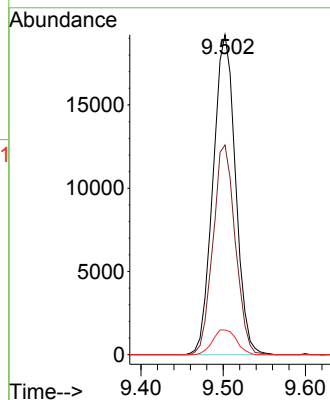
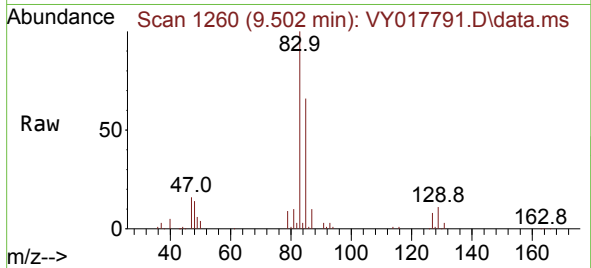




#47
Bromodichloromethane
Concen: 10.496 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

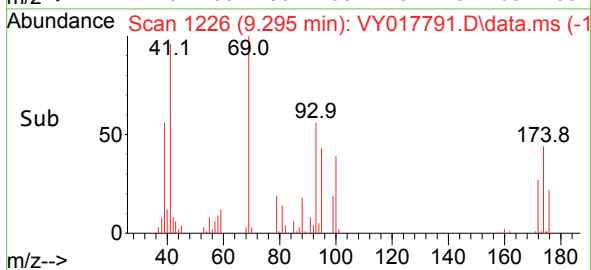
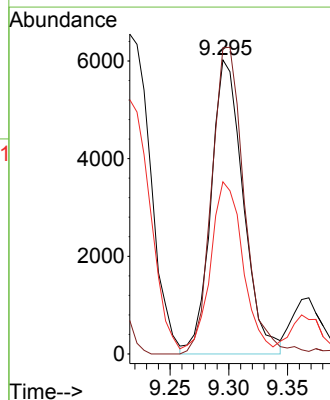
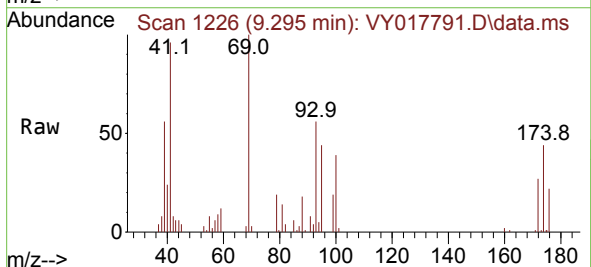
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

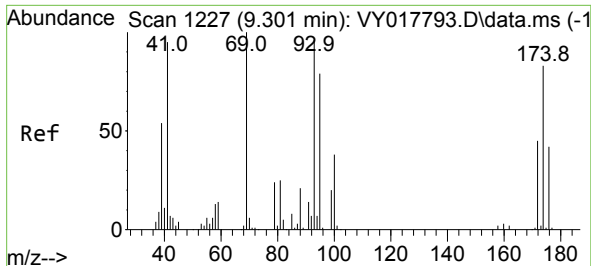
Tgt Ion: 83 Resp: 36453
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 7.7 7.4 11.0



#48
Methyl methacrylate
Concen: 11.583 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 41 Resp: 11494
Ion Ratio Lower Upper
41 100
69 105.0 84.1 126.1
39 59.4 43.6 65.4





#49

1,4-Dioxane

Concen: 210.955 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

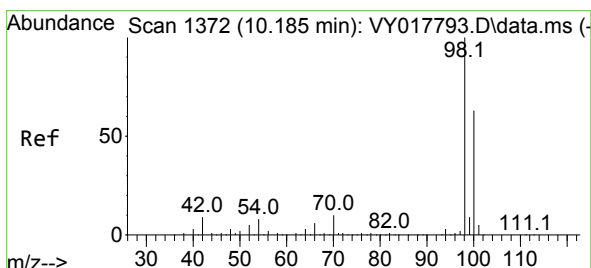
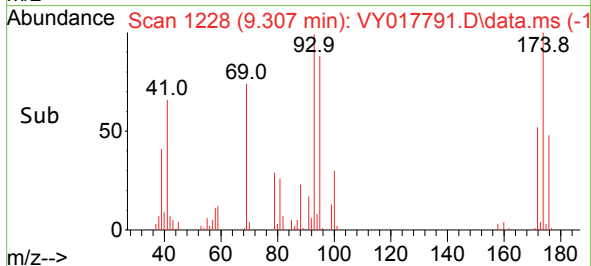
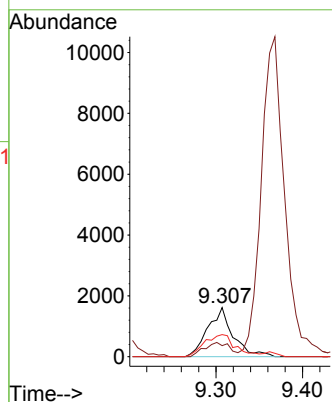
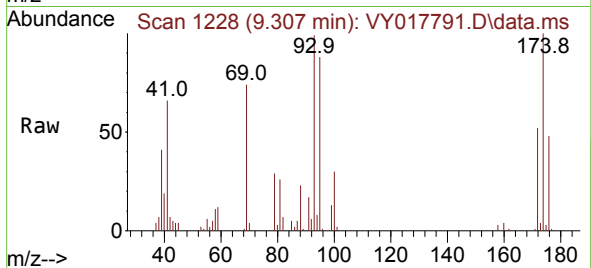
Tgt Ion: 88 Resp: 3255

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 55.5 49.3 73.9



#50

Toluene-d8

Concen: 10.027 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017791.D

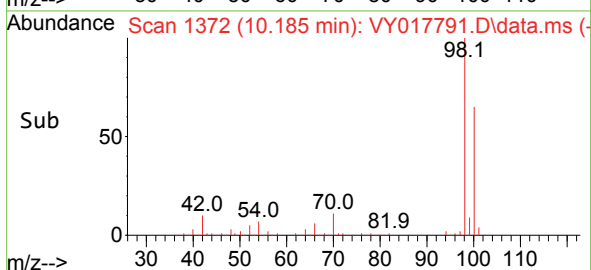
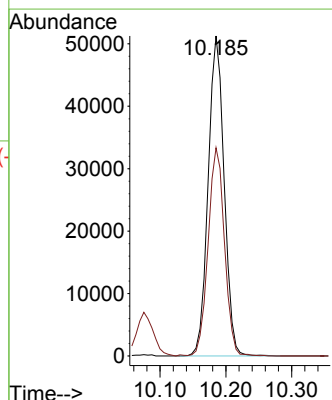
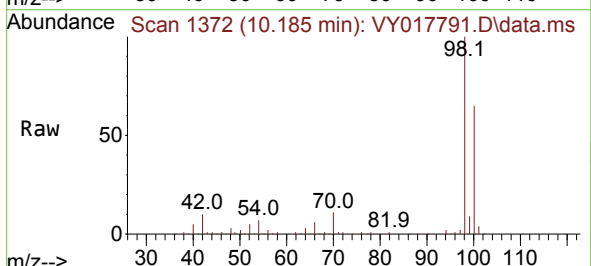
Acq: 29 Mar 2024 15:10

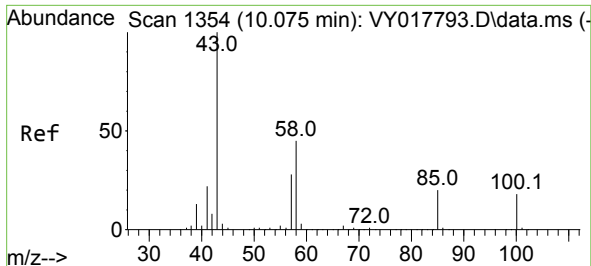
Tgt Ion: 98 Resp: 86725

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0

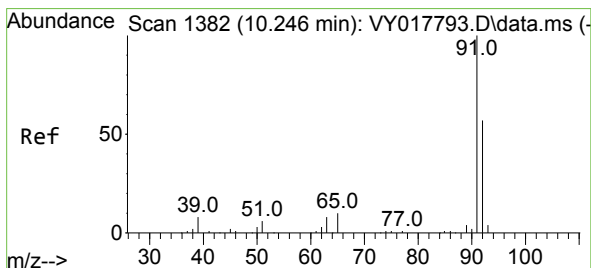
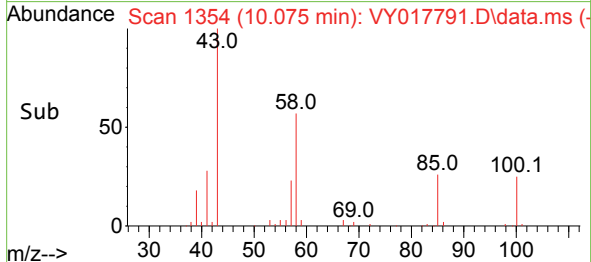
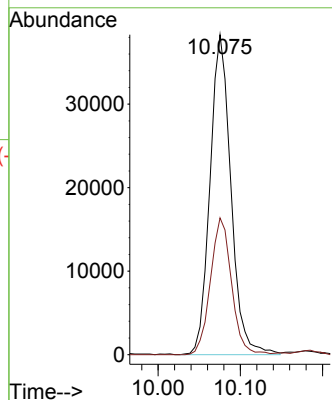
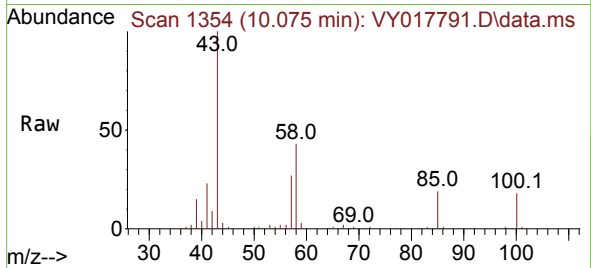




#51
4-Methyl-2-Pentanone
Concen: 55.321 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

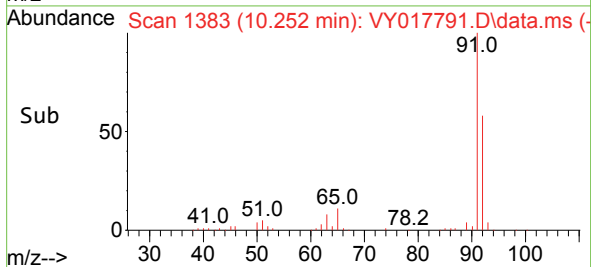
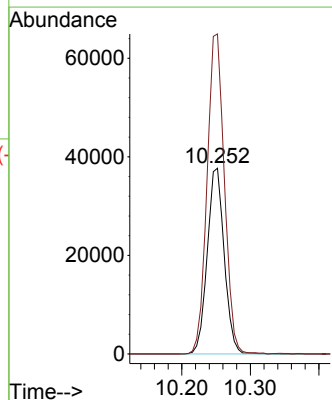
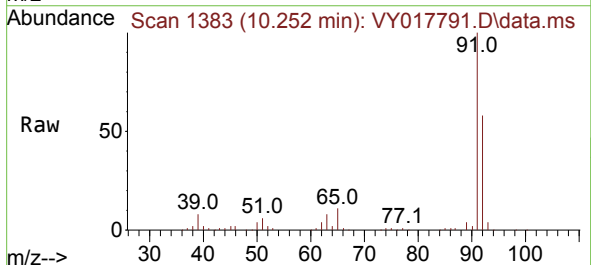
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

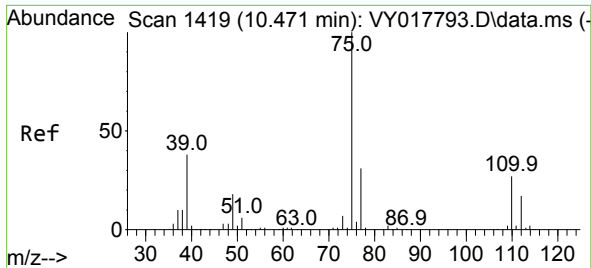
Tgt Ion: 43 Resp: 67864
Ion Ratio Lower Upper
43 100
58 43.0 35.7 53.5



#52
Toluene
Concen: 10.275 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 92 Resp: 64886
Ion Ratio Lower Upper
92 100
91 175.7 139.0 208.6

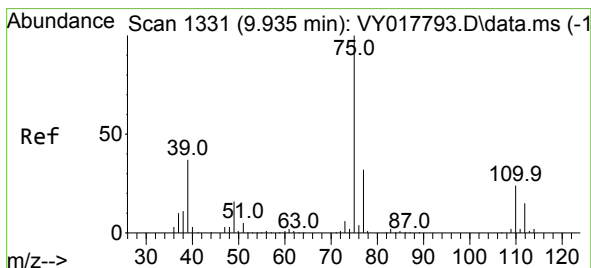
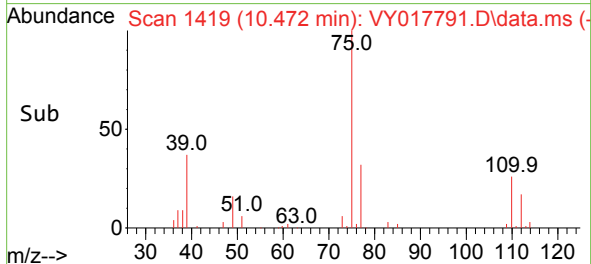
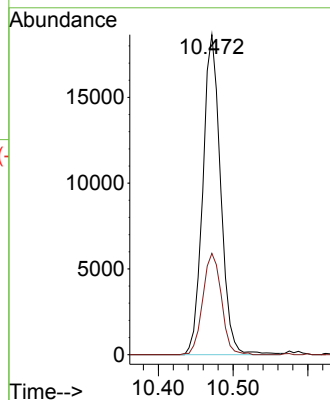
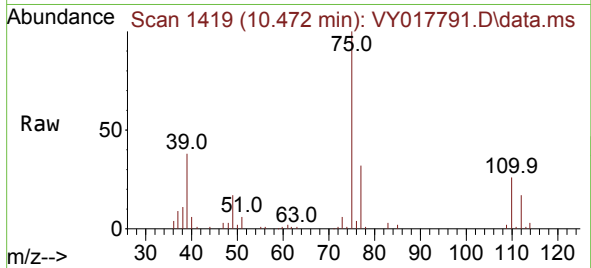




#53
t-1,3-Dichloropropene
Concen: 9.991 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

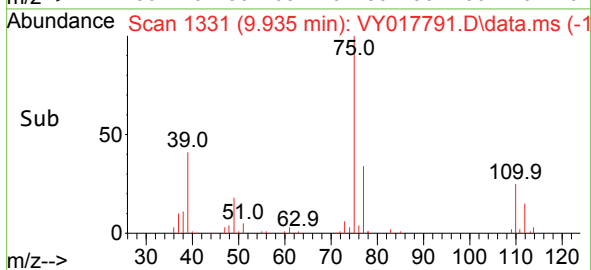
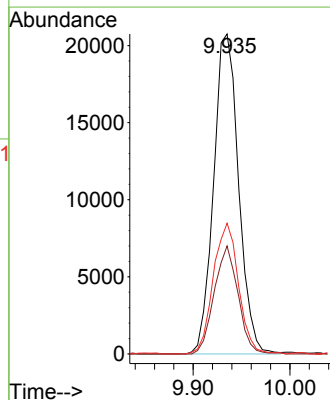
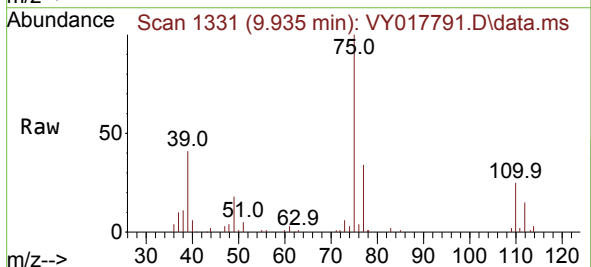
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

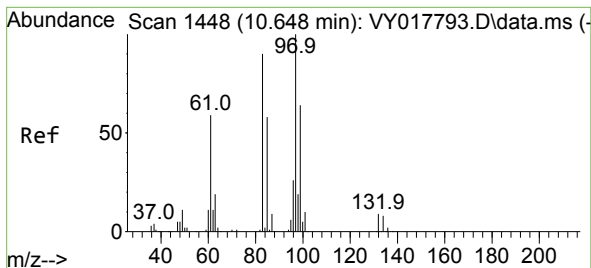
Tgt Ion: 75 Resp: 30809
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 9.899 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 75 Resp: 37254
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.0
39 40.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 10.533 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 19290

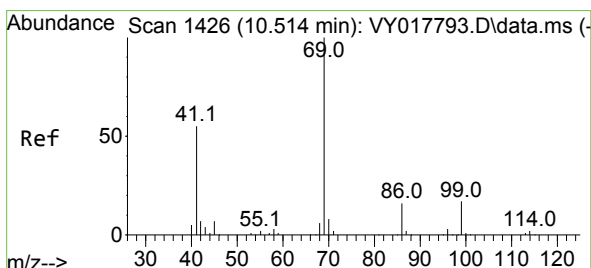
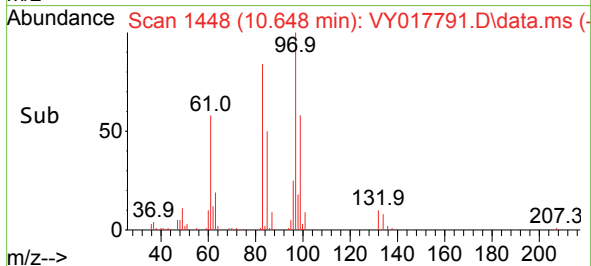
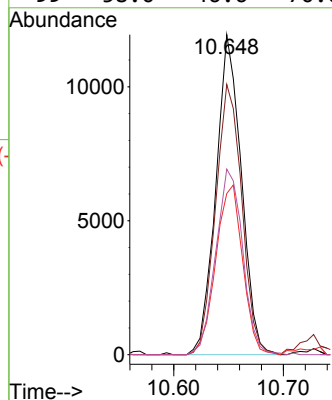
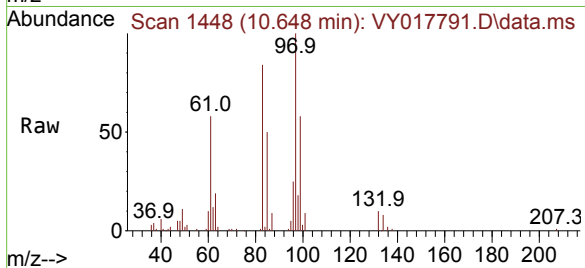
Ion Ratio Lower Upper

97 100

83 84.4 67.5 101.3

85 50.4 42.9 64.3

99 58.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 11.239 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

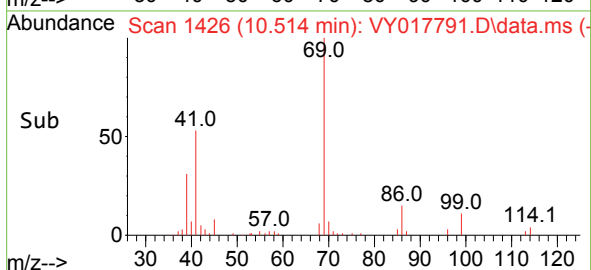
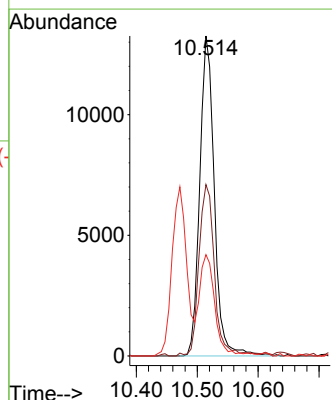
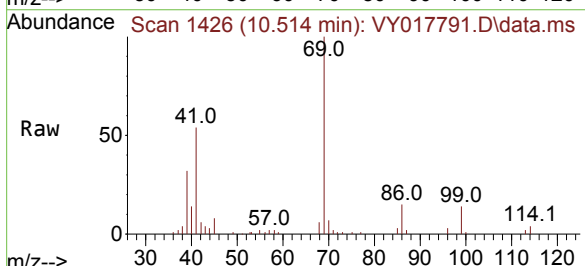
Tgt Ion: 69 Resp: 22030

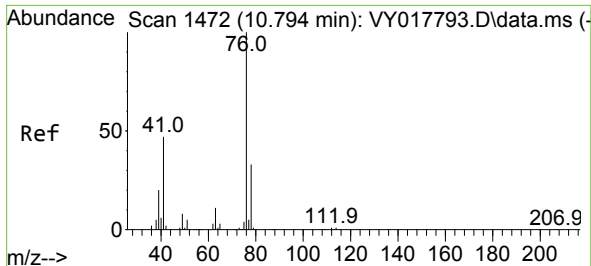
Ion Ratio Lower Upper

69 100

41 57.3 42.3 63.5

39 31.1 22.9 34.3





#57

1,3-Dichloropropane

Concen: 10.419 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

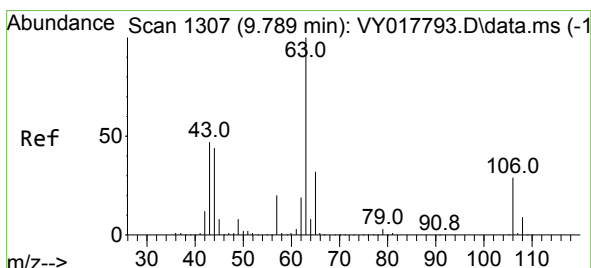
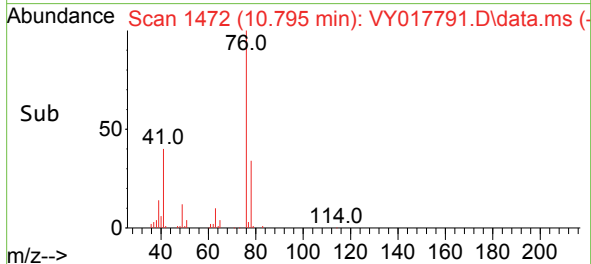
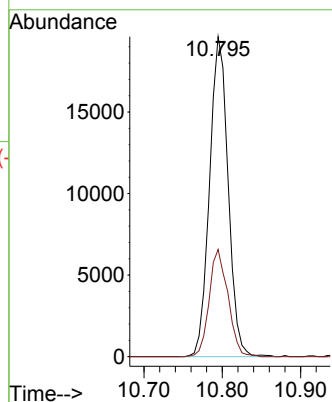
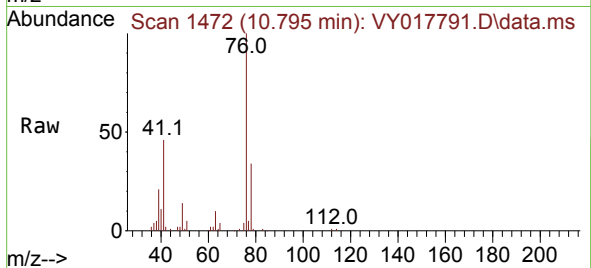
VSTDIC010

Tgt Ion: 76 Resp: 32274

Ion Ratio Lower Upper

76 100

78 33.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 45.721 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017791.D

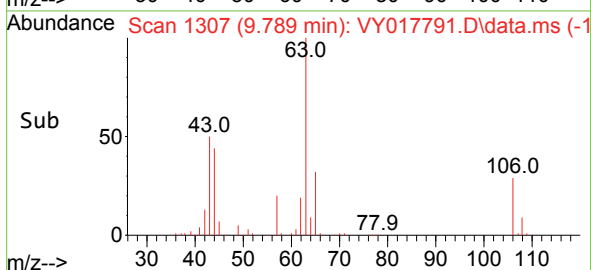
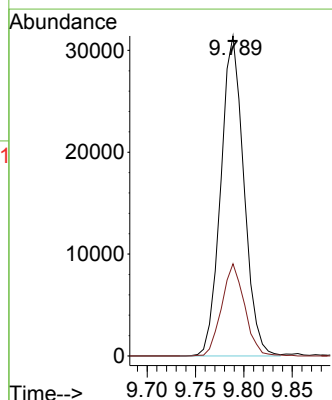
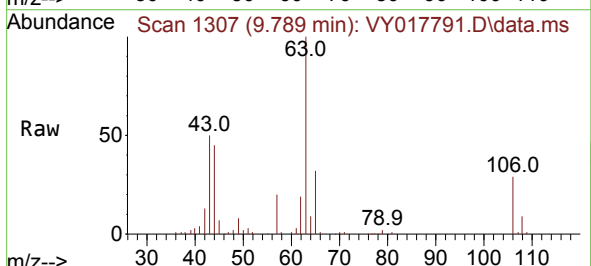
Acq: 29 Mar 2024 15:10

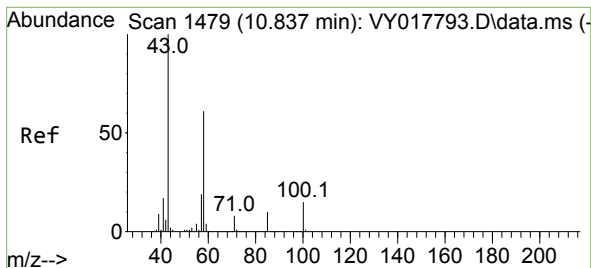
Tgt Ion: 63 Resp: 52104

Ion Ratio Lower Upper

63 100

106 28.6 23.7 35.5

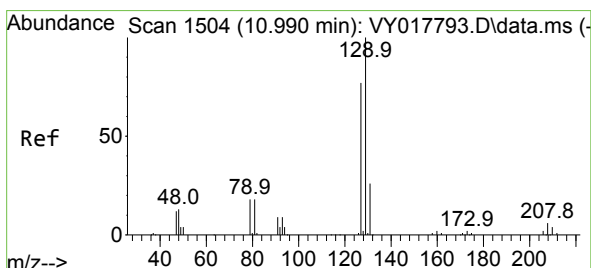
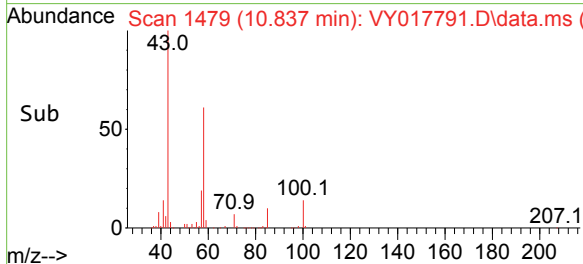
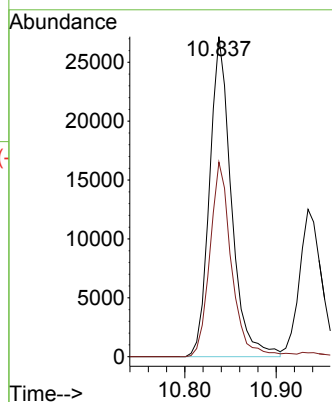
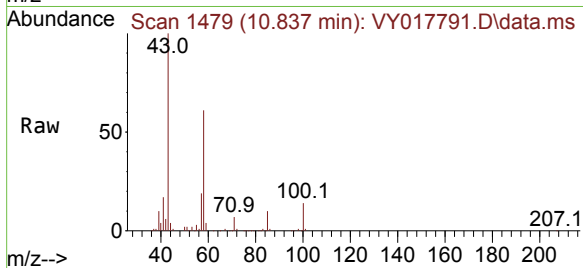




#59
2-Hexanone
Concen: 55.480 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

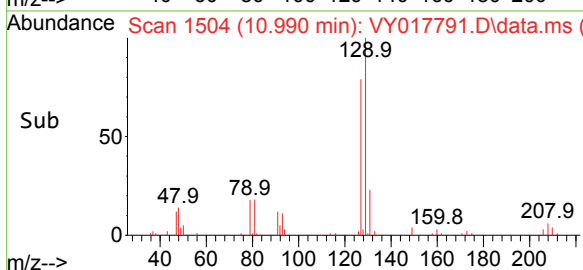
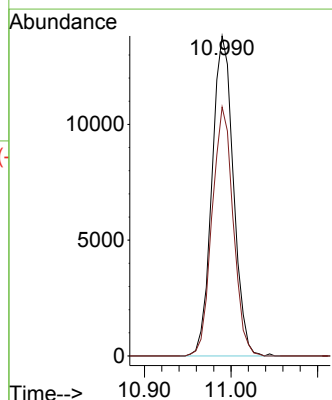
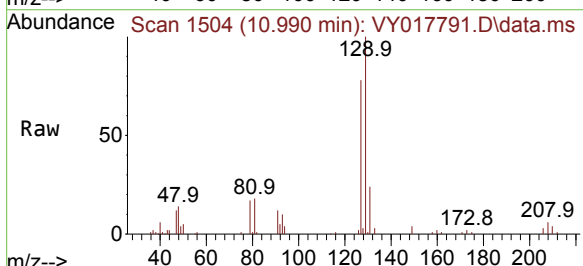
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

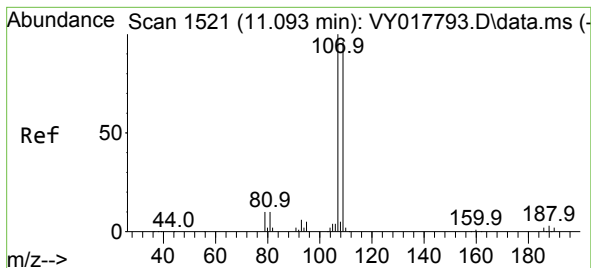
Tgt Ion: 43 Resp: 45139
Ion Ratio Lower Upper
43 100
58 60.3 31.4 94.0



#60
Dibromochloromethane
Concen: 10.255 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 129 Resp: 23689
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

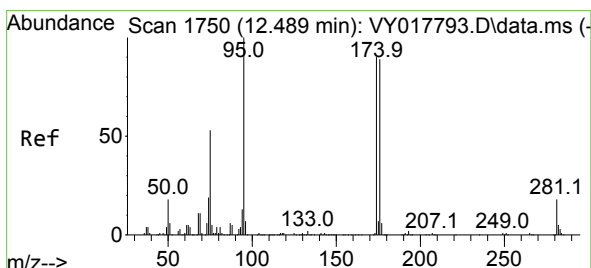
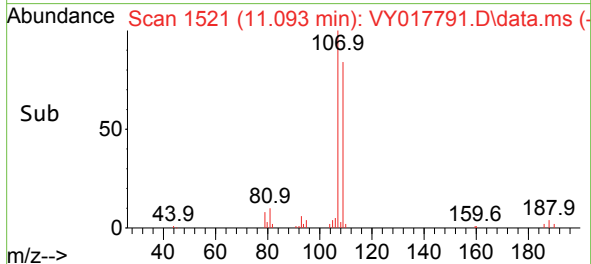
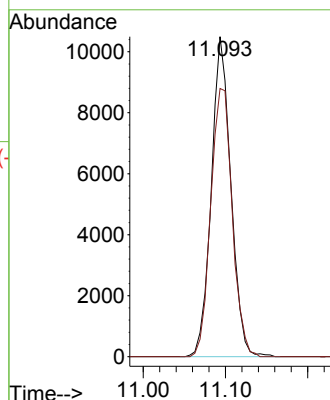
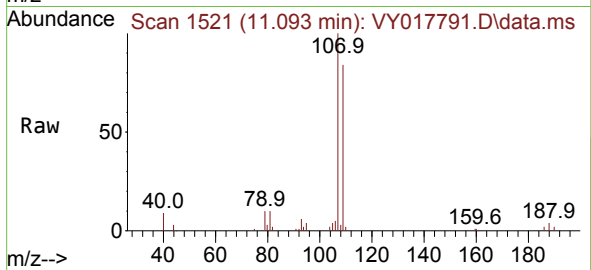




#61
1,2-Dibromoethane
Concen: 10.384 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

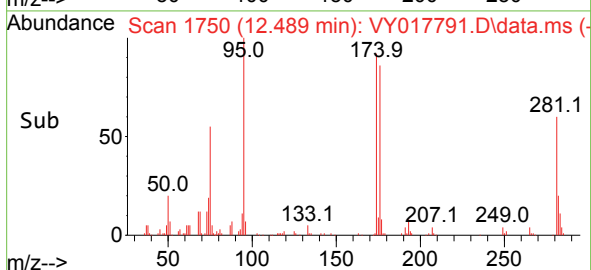
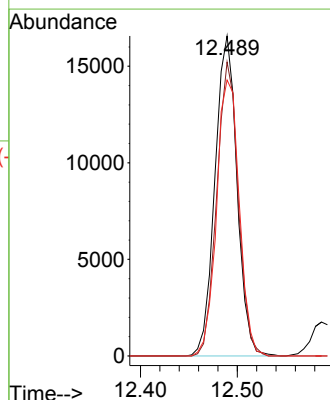
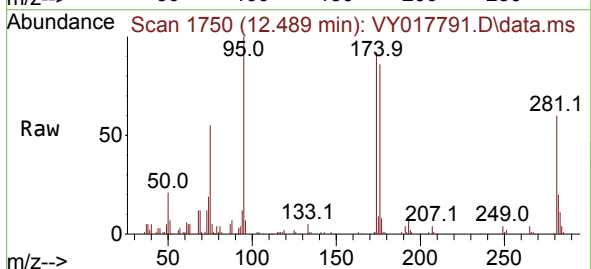
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

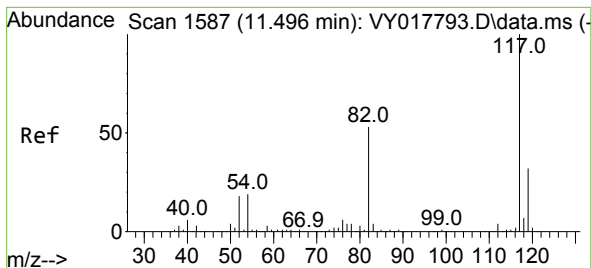
Tgt Ion:107 Resp: 17341
Ion Ratio Lower Upper
107 100
109 91.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 9.963 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 95 Resp: 26216
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 88.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

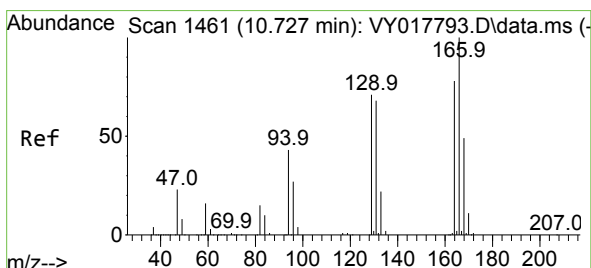
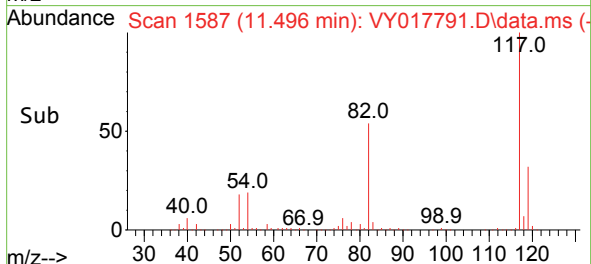
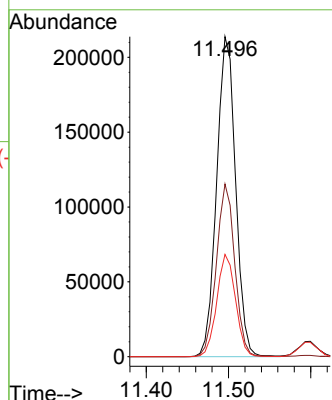
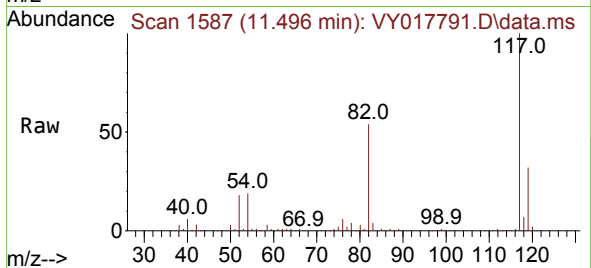
Tgt Ion:117 Resp: 342608

Ion Ratio Lower Upper

117 100

82 53.9 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 10.559 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Tgt Ion:164 Resp: 31552

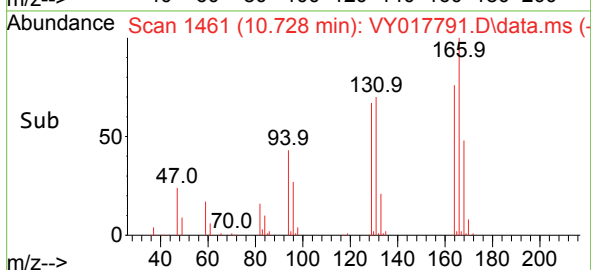
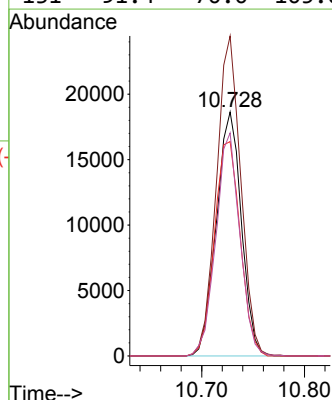
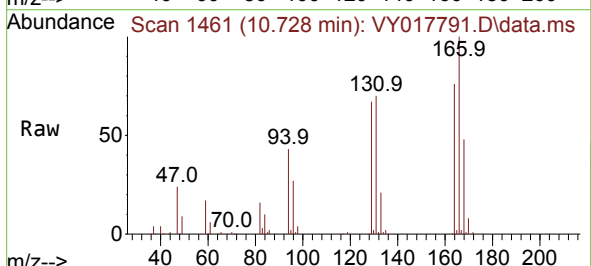
Ion Ratio Lower Upper

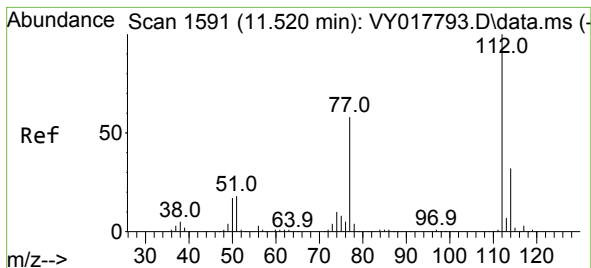
164 100

166 131.1 102.6 154.0

129 87.8 72.0 108.0

131 91.4 70.0 105.0





#65

Chlorobenzene

Concen: 10.318 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

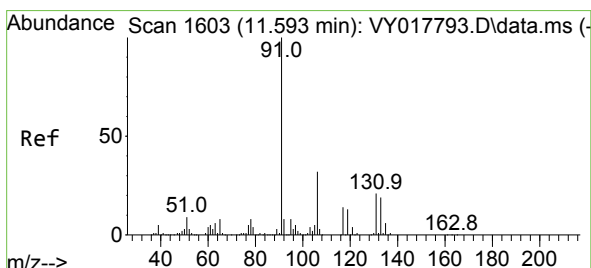
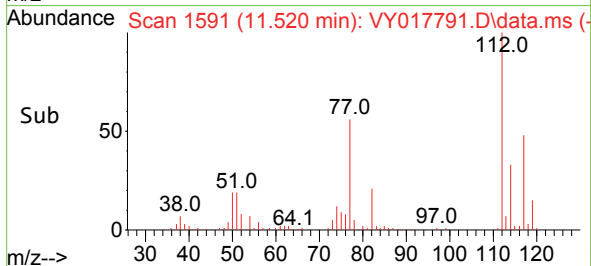
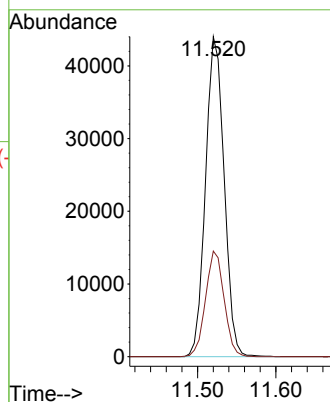
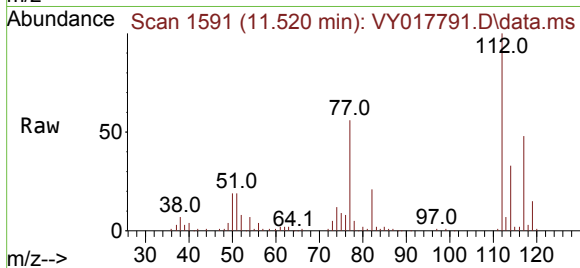
VSTDIC010

Tgt Ion:112 Resp: 72518

Ion Ratio Lower Upper

112 100

114 33.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 10.142 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

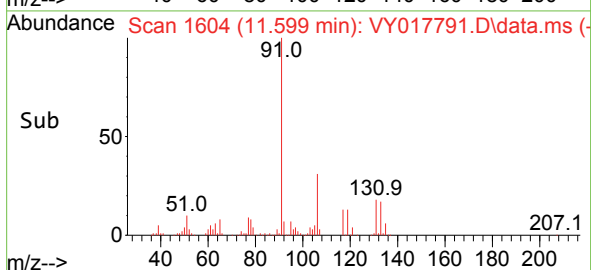
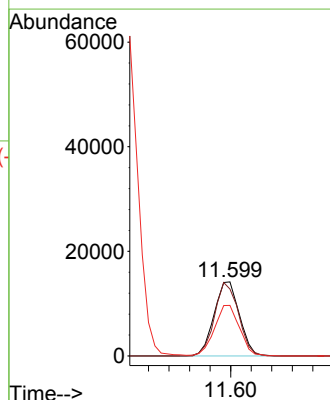
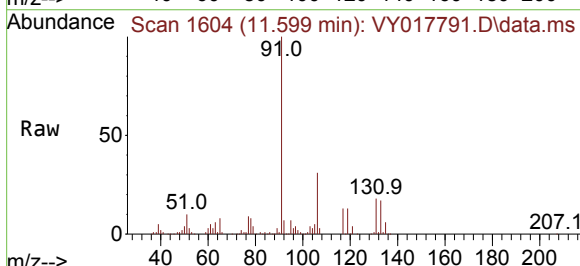
Tgt Ion:131 Resp: 24202

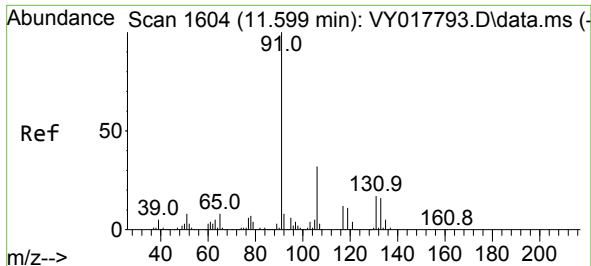
Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.3

119 67.7 34.1 102.2

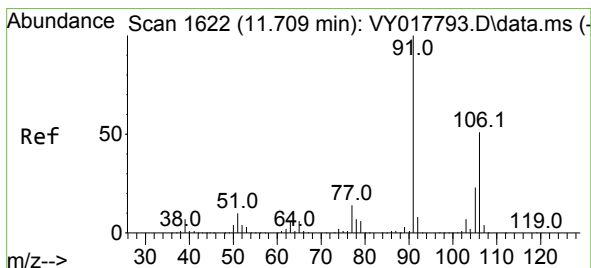
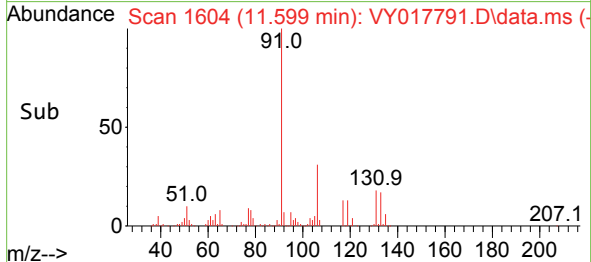
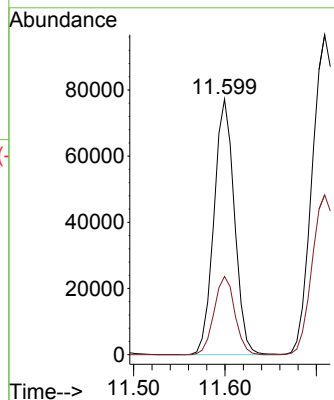
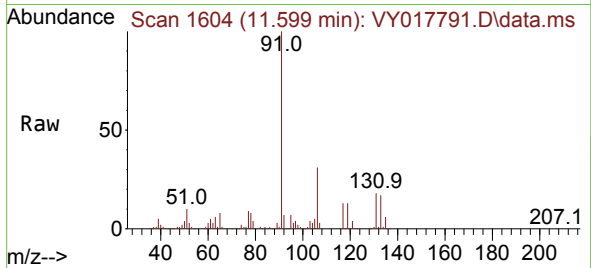




#67
Ethyl Benzene
Concen: 9.931 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

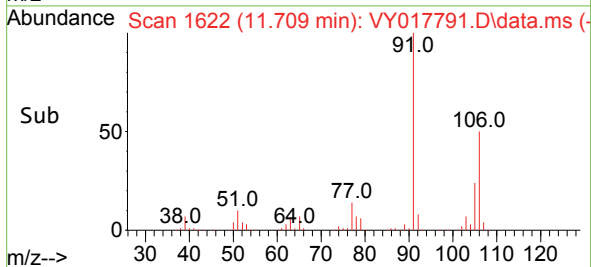
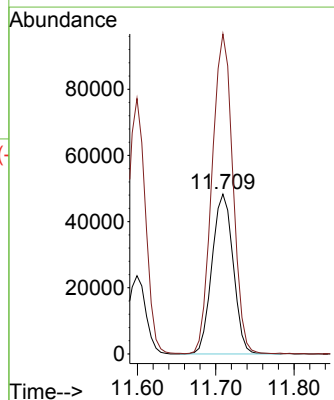
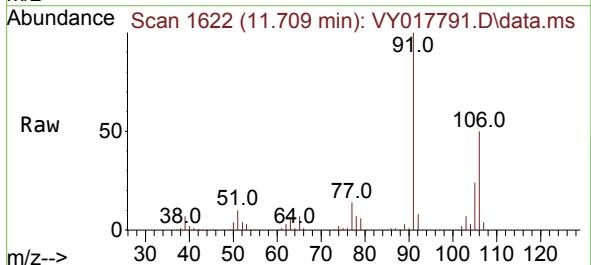
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

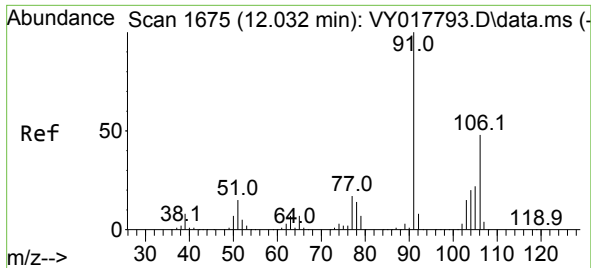
Tgt Ion: 91 Resp: 119988
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 19.822 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 106 Resp: 90821
Ion Ratio Lower Upper
106 100
91 196.5 156.0 234.0

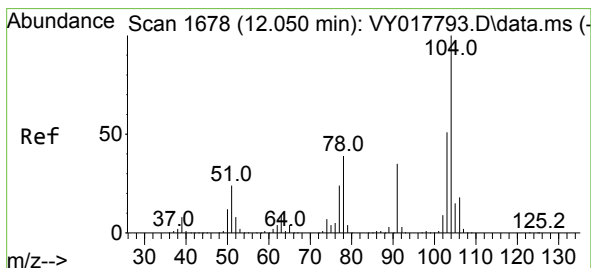
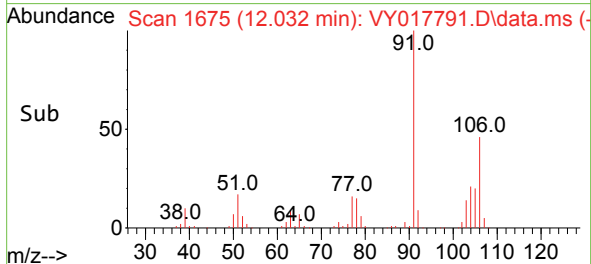
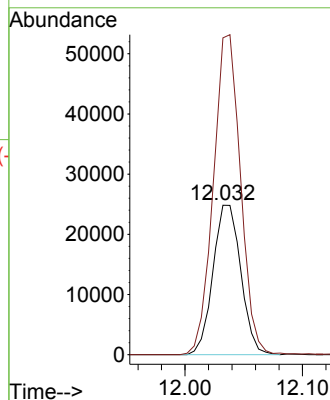
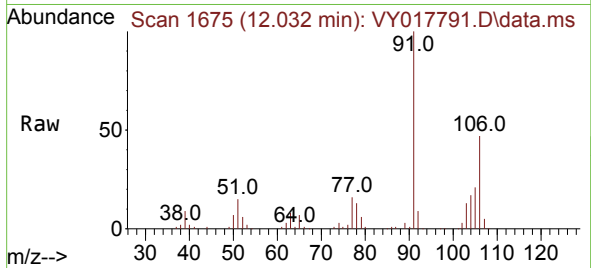




#69
o-Xylene
Concen: 10.612 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

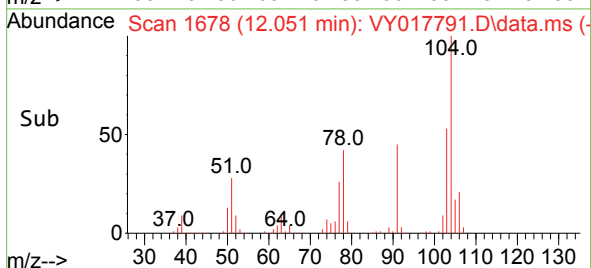
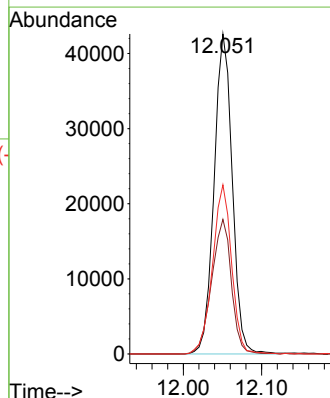
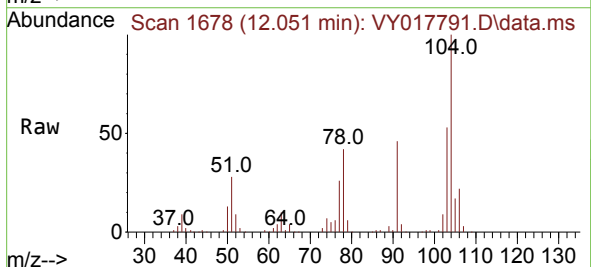
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

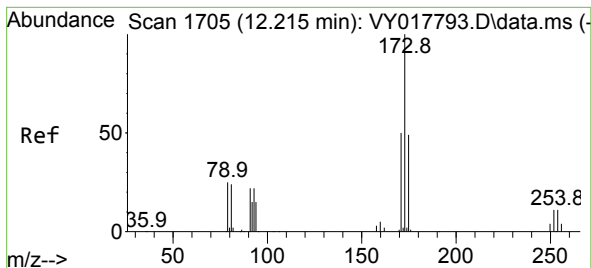
Tgt Ion:106 Resp: 40878
Ion Ratio Lower Upper
106 100
91 209.5 103.6 310.8



#70
Styrene
Concen: 10.794 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion:104 Resp: 68749
Ion Ratio Lower Upper
104 100
78 45.6 37.0 55.4
103 55.4 44.2 66.2





#71

Bromoform

Concen: 10.068 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

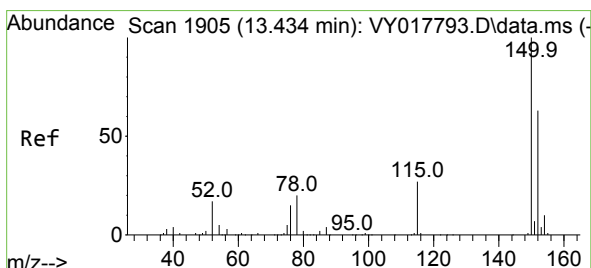
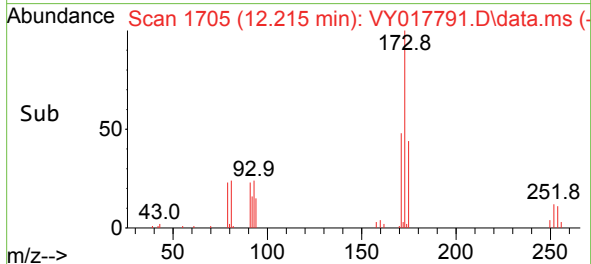
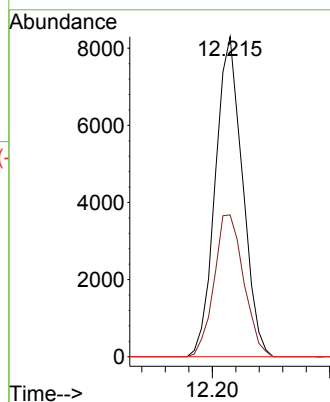
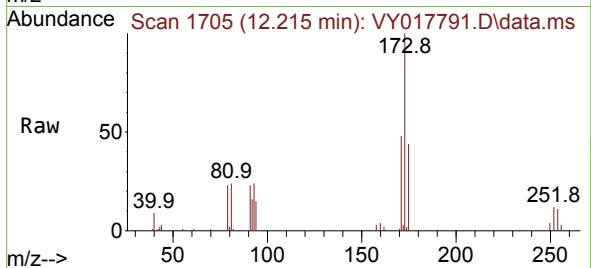
Tgt Ion:173 Resp: 13317

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

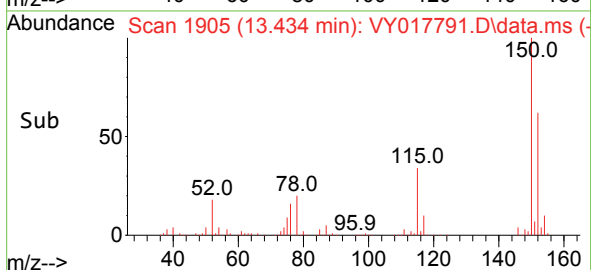
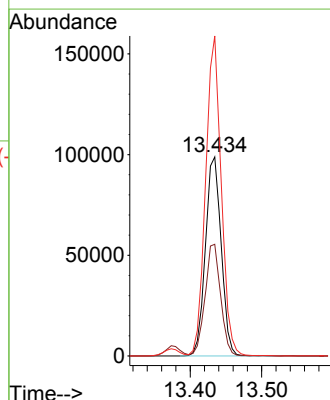
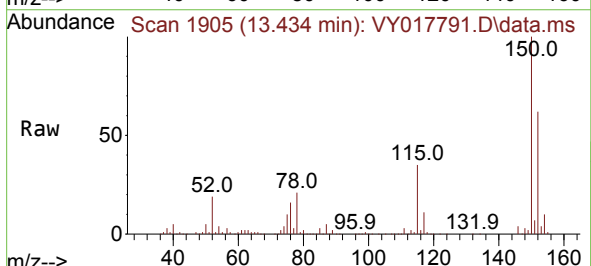
Tgt Ion:152 Resp: 151632

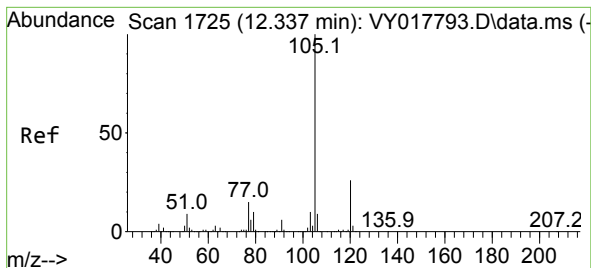
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 159.1 0.0 345.6





#73

Isopropylbenzene

Concen: 10.342 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

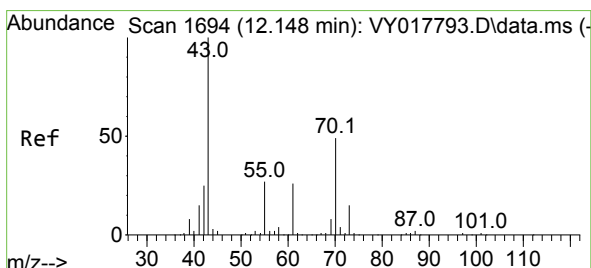
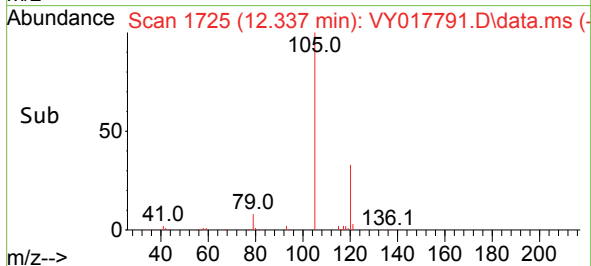
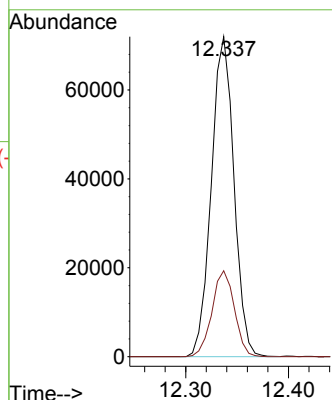
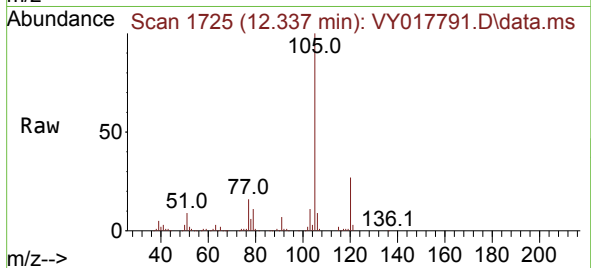
VSTDIC010

Tgt Ion:105 Resp: 109897

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 11.126 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Tgt Ion: 43 Resp: 19924

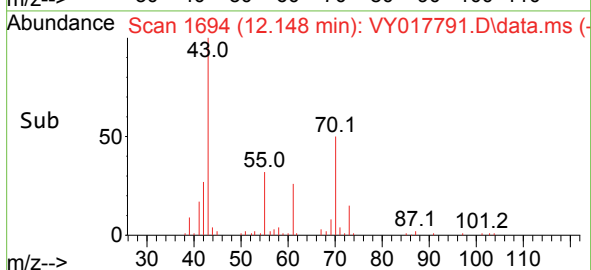
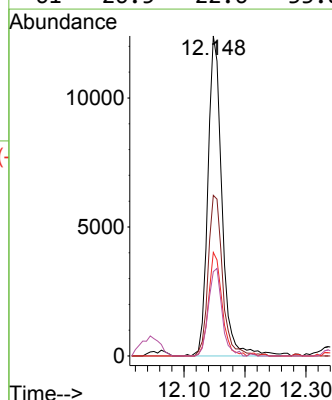
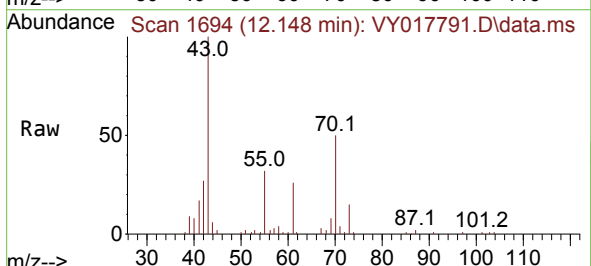
Ion Ratio Lower Upper

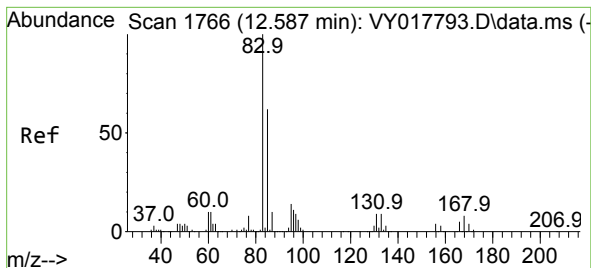
43 100

70 51.3 41.4 62.2

55 30.8 23.3 34.9

61 26.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 10.092 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

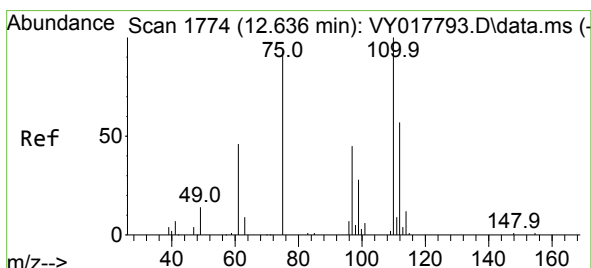
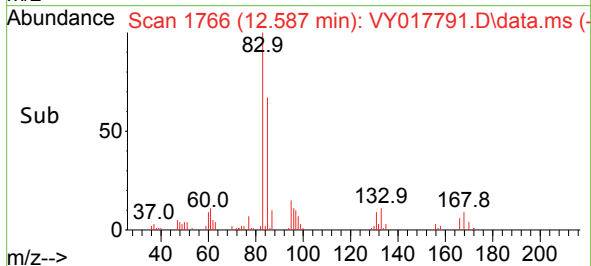
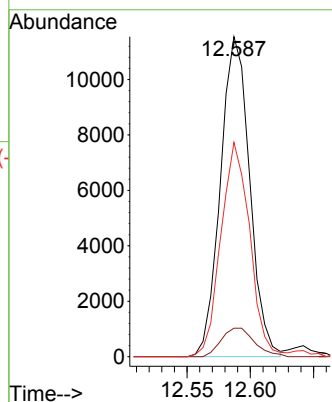
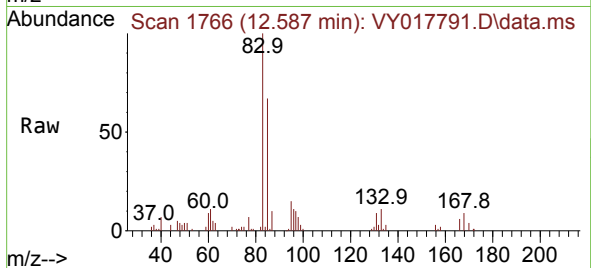
Tgt Ion: 83 Resp: 18551

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 66.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 17.880 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017791.D

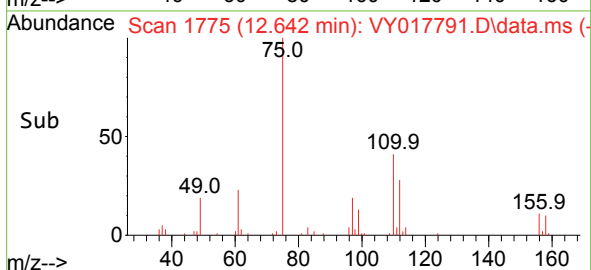
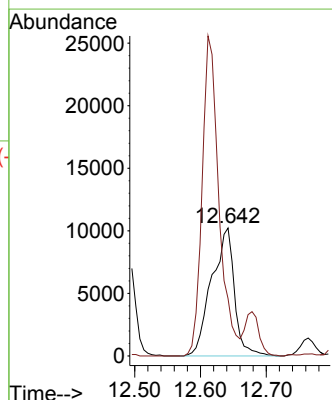
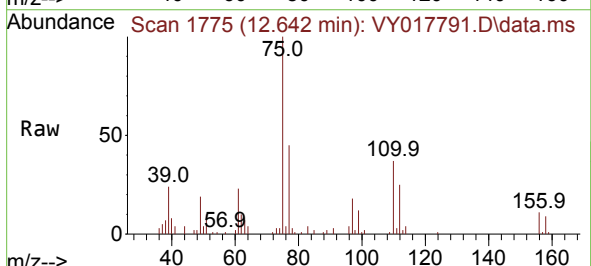
Acq: 29 Mar 2024 15:10

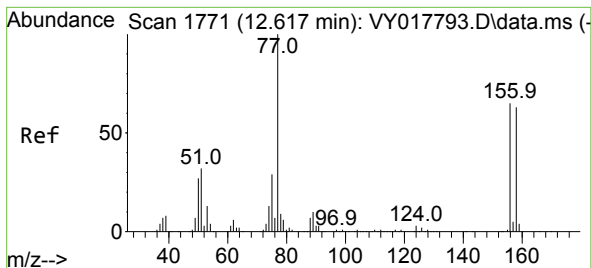
Tgt Ion: 75 Resp: 24739

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.204 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

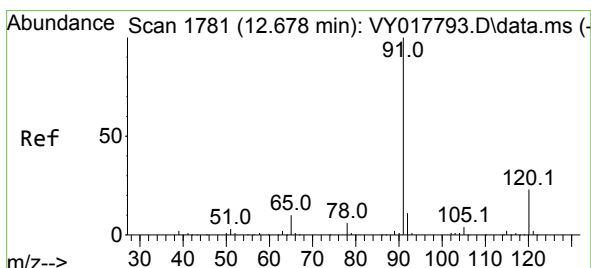
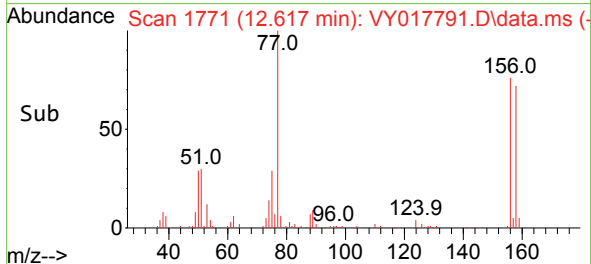
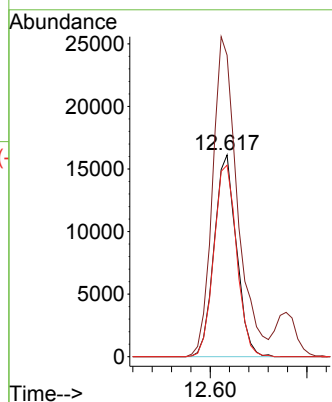
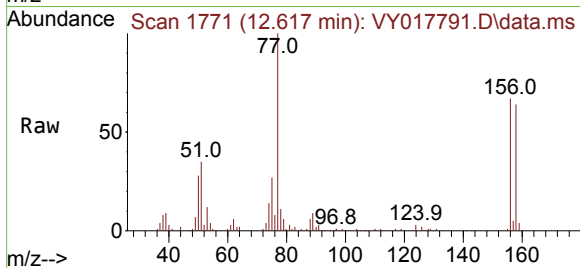
Tgt Ion:156 Resp: 25824

Ion Ratio Lower Upper

156 100

77 177.3 87.1 261.3

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 10.321 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017791.D

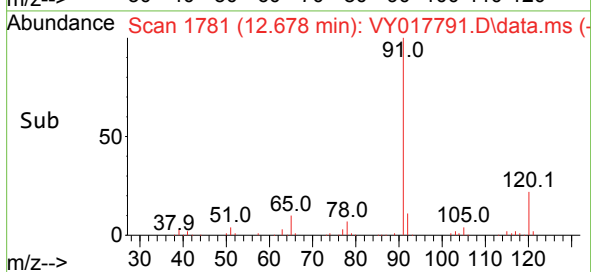
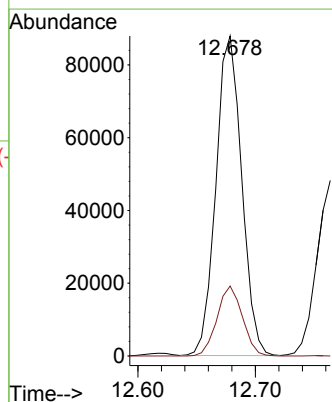
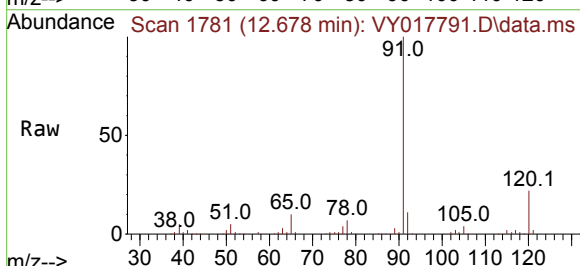
Acq: 29 Mar 2024 15:10

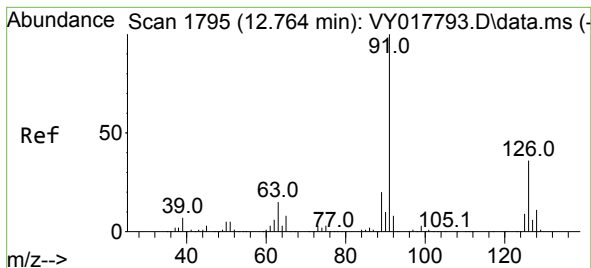
Tgt Ion: 91 Resp: 133828

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 10.522 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

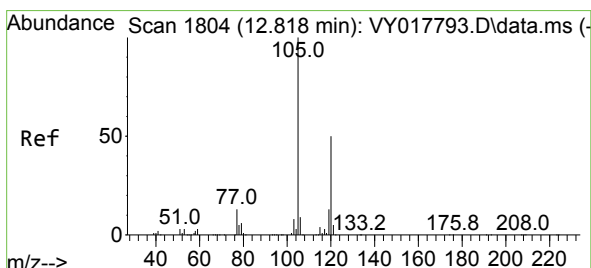
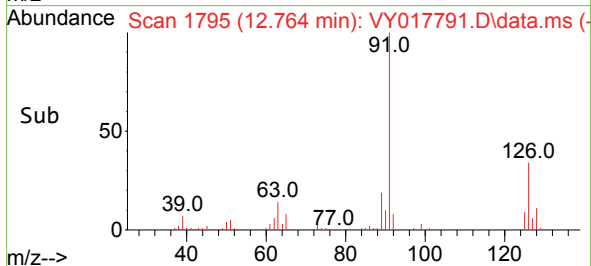
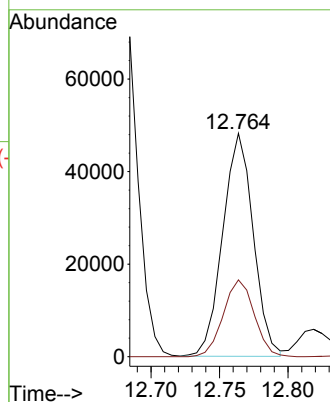
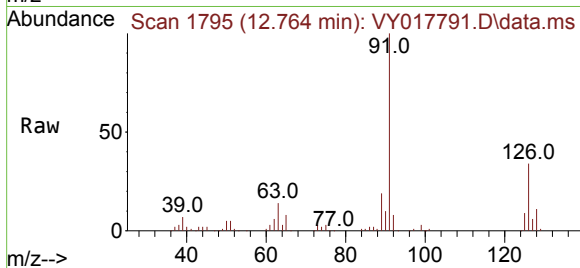
VSTDIC010

Tgt Ion: 91 Resp: 74728

Ion Ratio Lower Upper

91 100

126 34.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 10.385 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017791.D

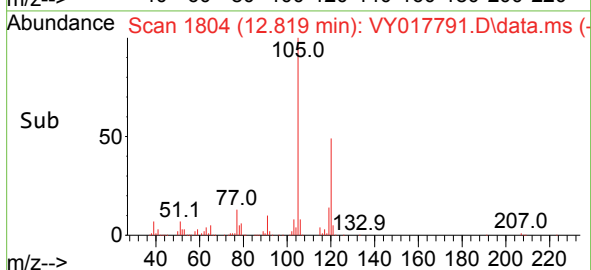
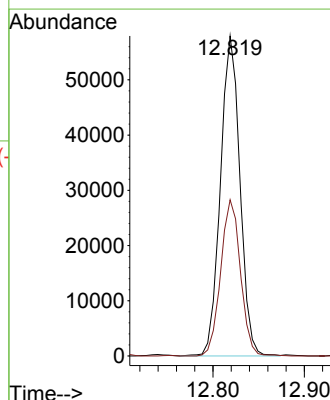
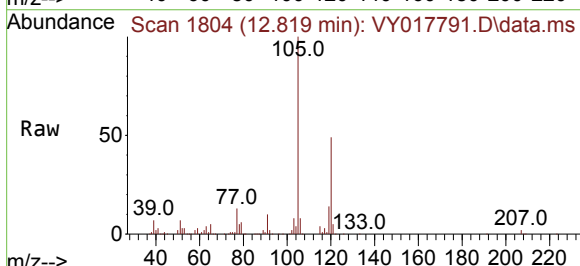
Acq: 29 Mar 2024 15:10

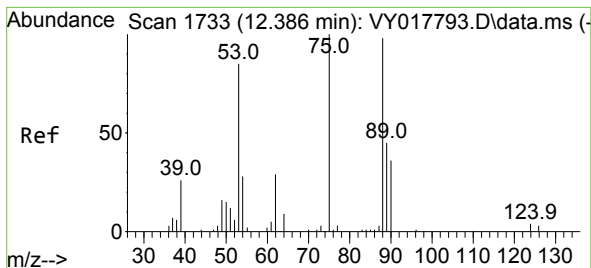
Tgt Ion: 105 Resp: 86125

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.2

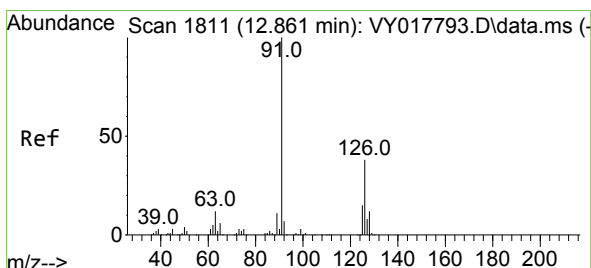
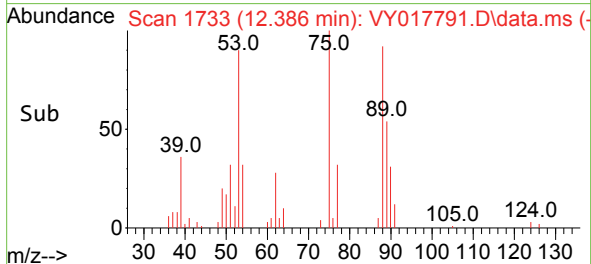
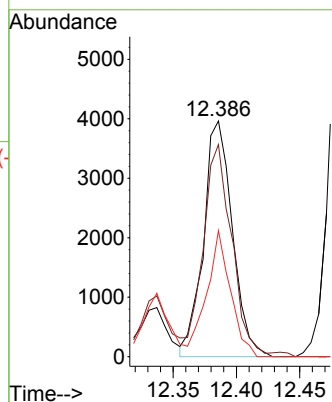
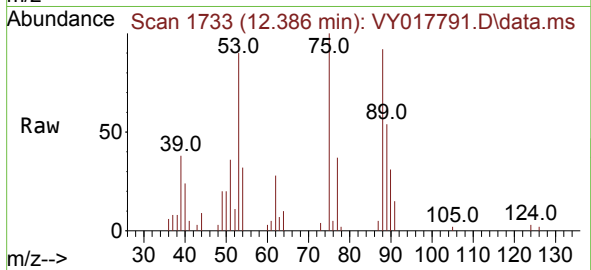




#81
trans-1,4-Dichloro-2-butene
Concen: 11.839 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

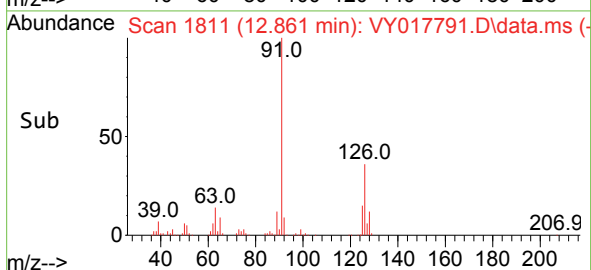
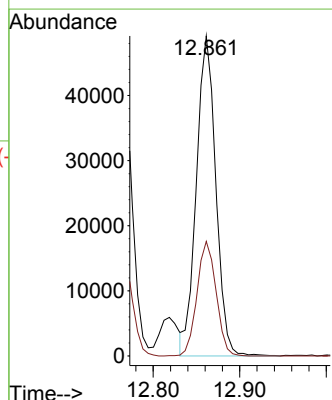
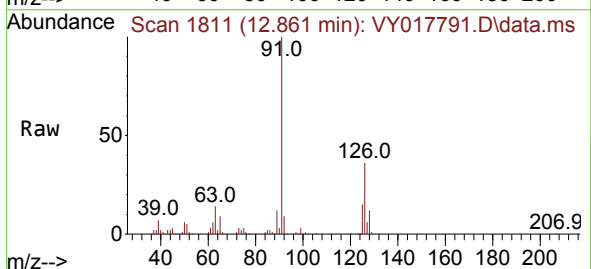
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

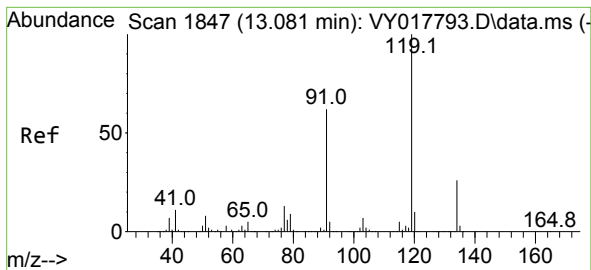
Tgt Ion: 75 Resp: 6290
Ion Ratio Lower Upper
75 100
53 90.5 66.8 100.2
89 43.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 10.416 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion: 91 Resp: 76605
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.9

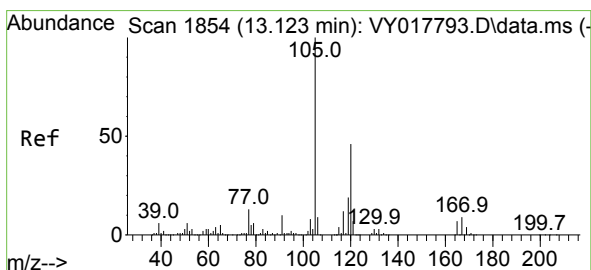
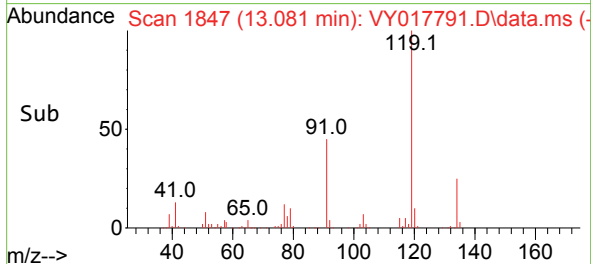
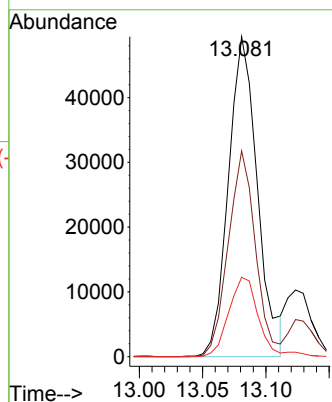
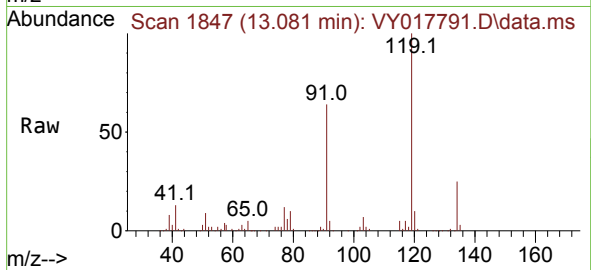




#83
tert-Butylbenzene
Concen: 10.468 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

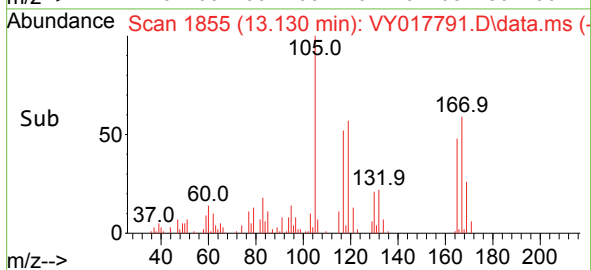
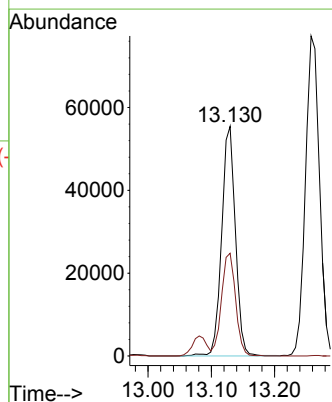
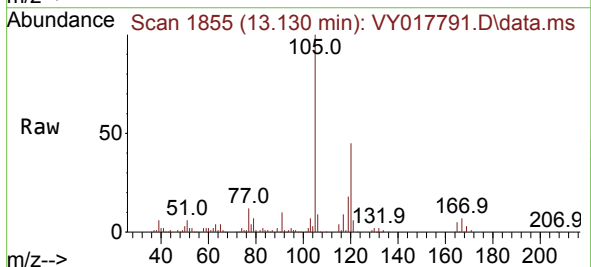
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

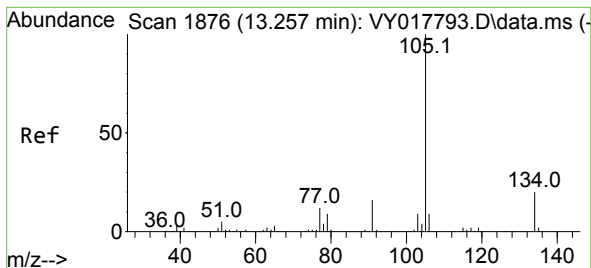
Tgt Ion	Resp	Ion Ratio	Lower	Upper
119	78925	100		
91	60.5	31.3	93.8	
134	25.7	13.4	40.1	



#84
1,2,4-Trimethylbenzene
Concen: 10.082 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY017791.D
Acq: 29 Mar 2024 15:10

Tgt Ion	Resp	Ion Ratio	Lower	Upper
105	83276	100		
120	45.9	23.2	69.6	





#85

sec-Butylbenzene

Concen: 10.489 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

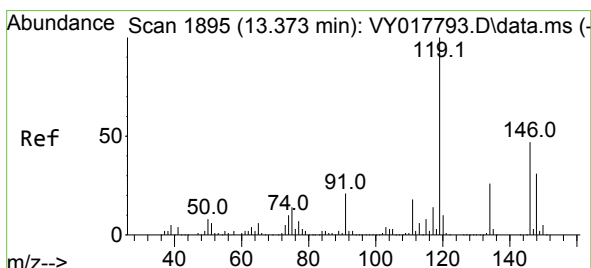
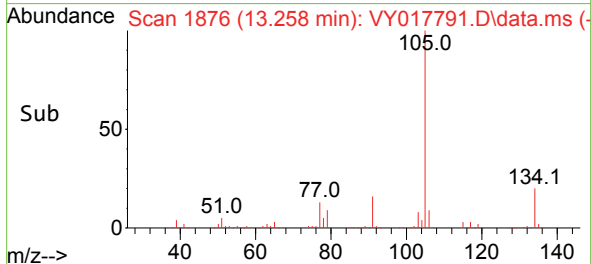
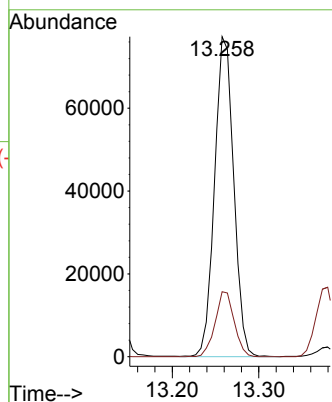
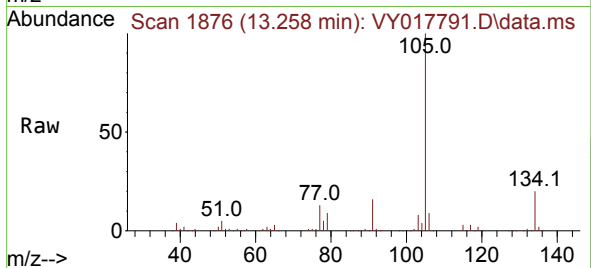
VSTDIC010

Tgt Ion:105 Resp: 118702

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 9.898 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

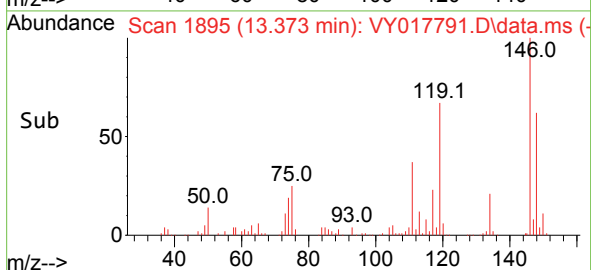
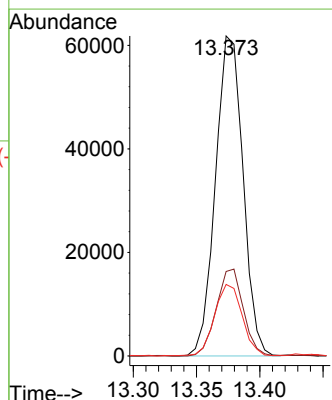
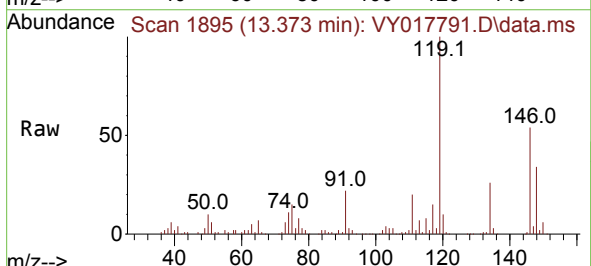
Tgt Ion:119 Resp: 93624

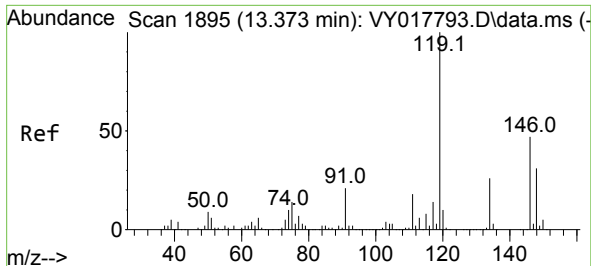
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 22.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 10.071 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

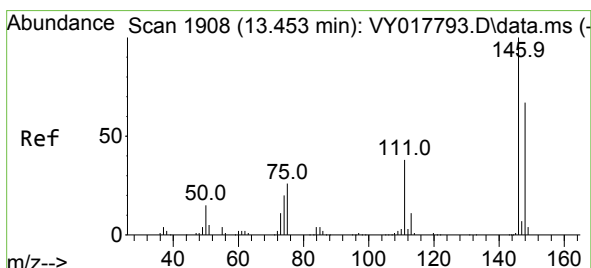
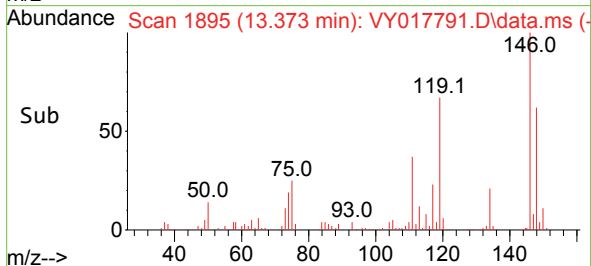
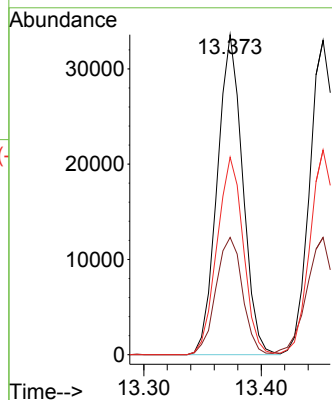
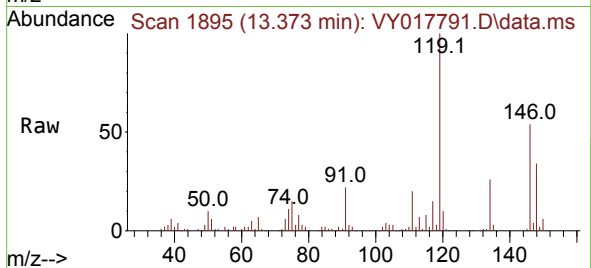
Tgt Ion:146 Resp: 50575

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 10.634 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

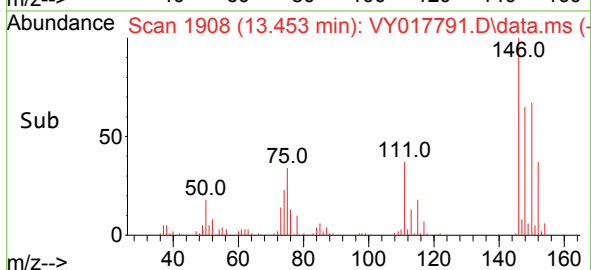
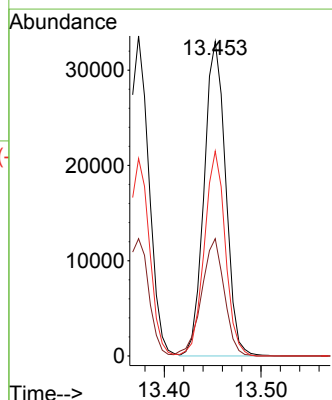
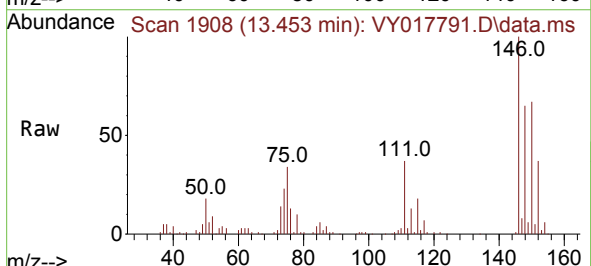
Tgt Ion:146 Resp: 51115

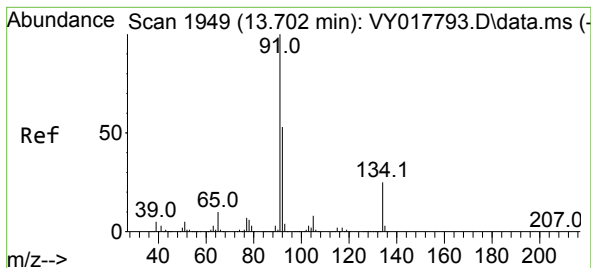
Ion Ratio Lower Upper

146 100

111 39.4 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 10.065 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

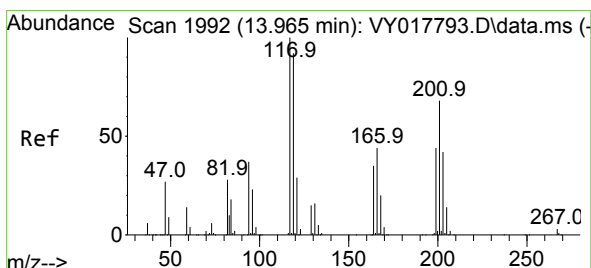
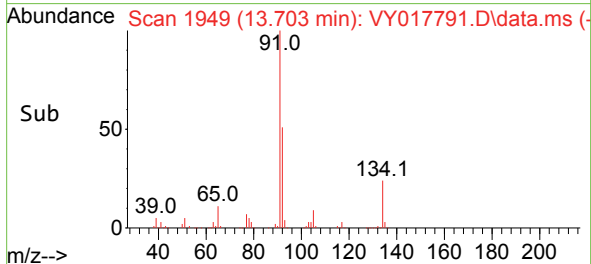
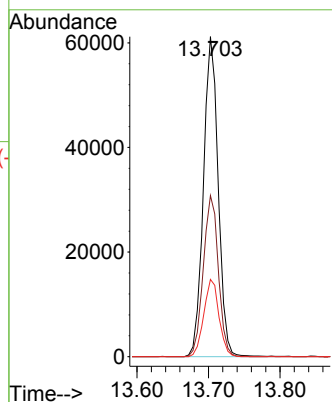
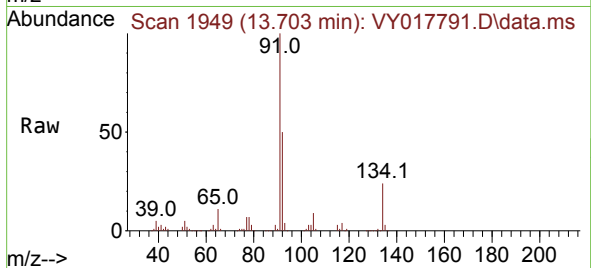
Tgt Ion: 91 Resp: 87594

Ion Ratio Lower Upper

91 100

92 51.5 26.6 79.7

134 24.9 12.9 38.7



#90

Hexachloroethane

Concen: 10.733 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017791.D

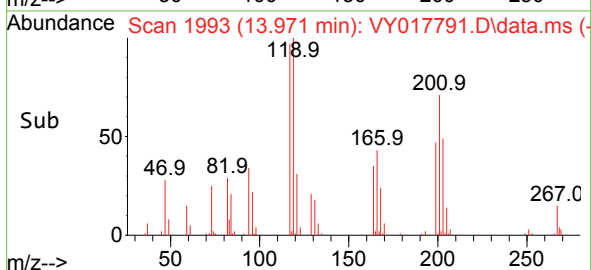
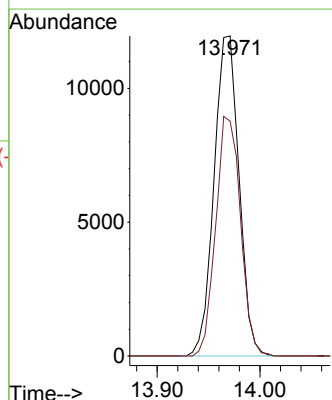
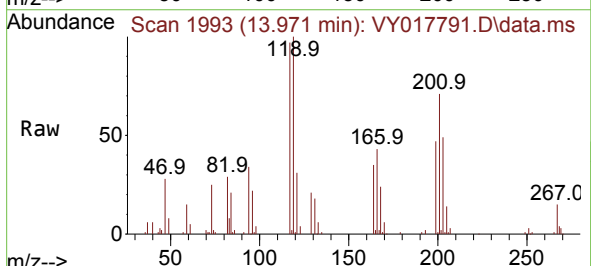
Acq: 29 Mar 2024 15:10

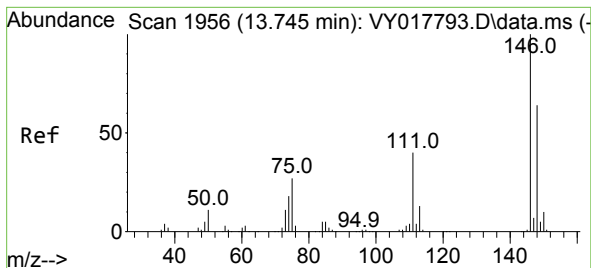
Tgt Ion: 117 Resp: 20188

Ion Ratio Lower Upper

117 100

201 74.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 10.403 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

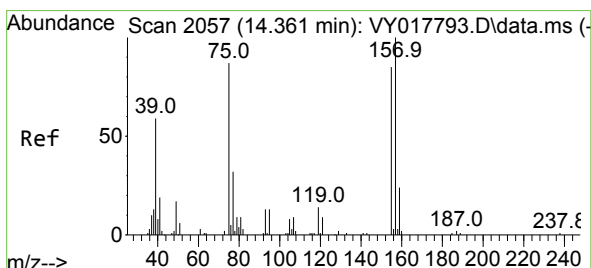
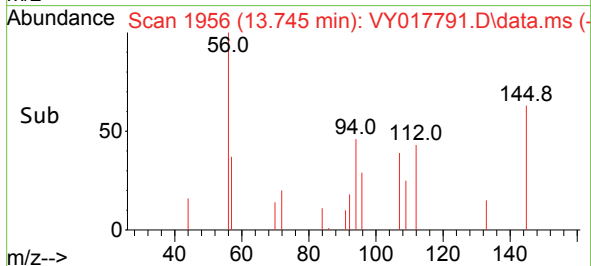
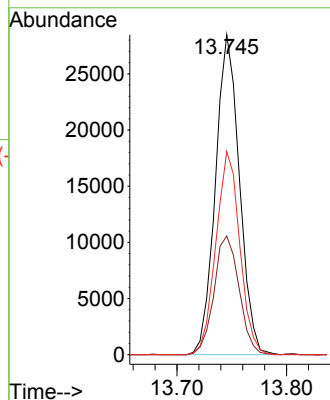
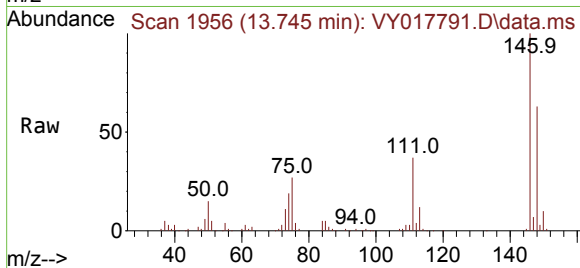
Tgt Ion:146 Resp: 43305

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.618 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

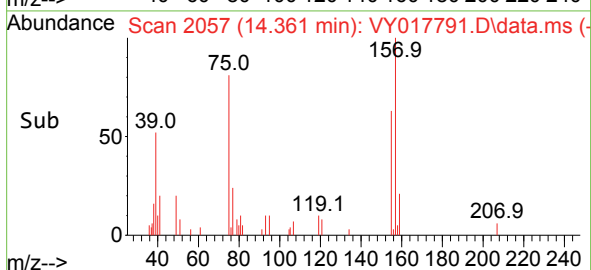
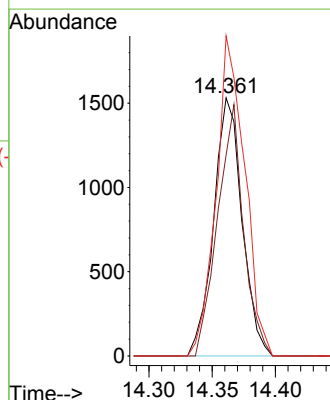
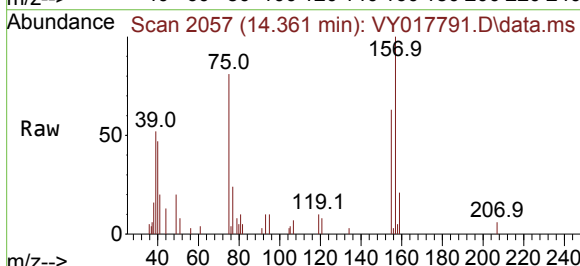
Tgt Ion: 75 Resp: 2389

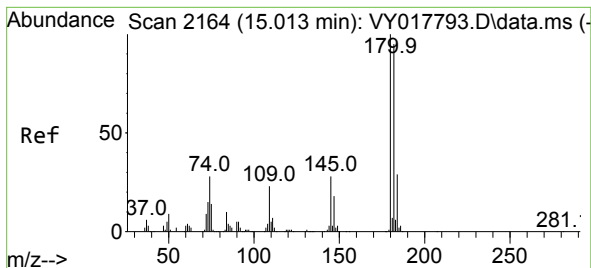
Ion Ratio Lower Upper

75 100

155 89.1 48.6 145.8

157 125.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 9.515 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

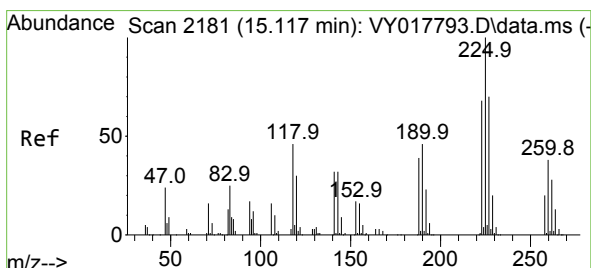
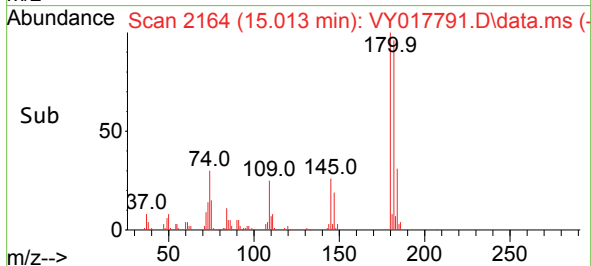
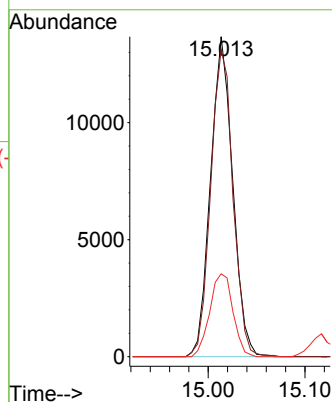
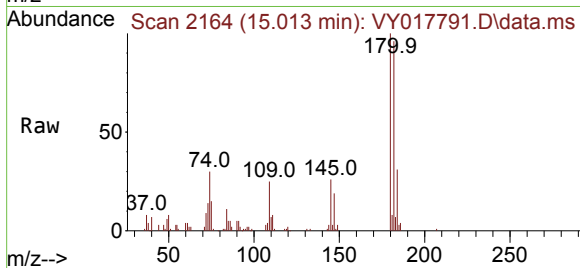
Tgt Ion:180 Resp: 21694

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.8

145 27.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 10.672 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

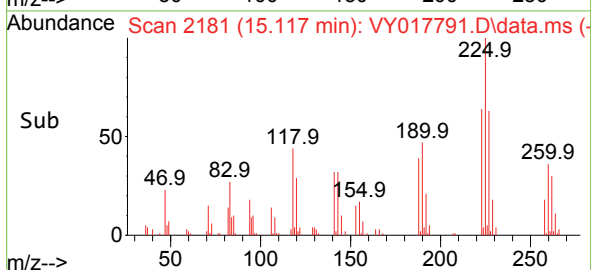
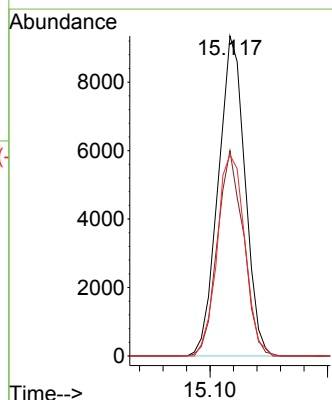
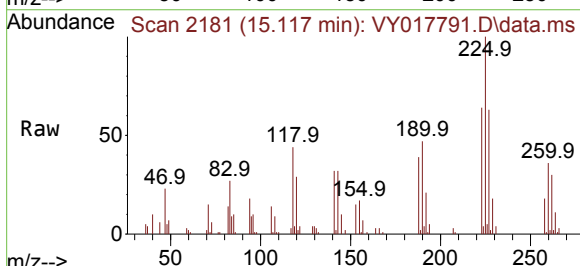
Tgt Ion:225 Resp: 14750

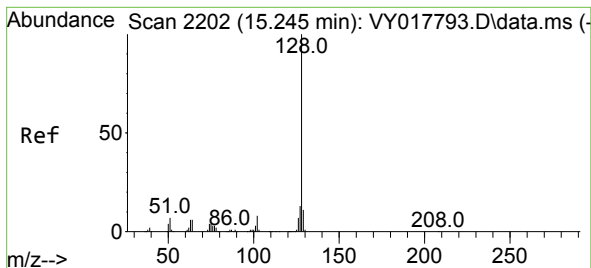
Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 65.2 31.9 95.9





#95

Naphthalene

Concen: 10.970 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

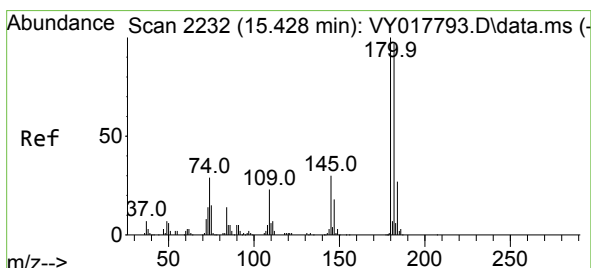
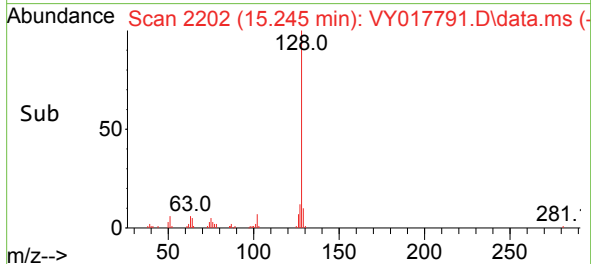
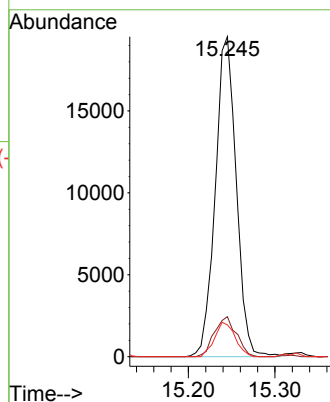
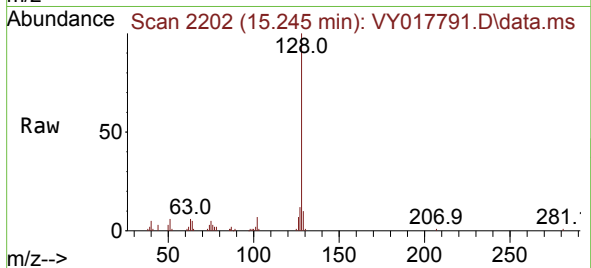
Tgt Ion:128 Resp: 32830

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.540 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017791.D

Acq: 29 Mar 2024 15:10

Tgt Ion:180 Resp: 18374

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 29.9 15.4 46.1

