

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017945.D
 Acq On : 16 Apr 2024 13:04
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 17 06:08:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	457401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	700310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	628864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	293754	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	582739	147.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 294.440%#	
35) Dibromofluoromethane	7.722	113	669462	154.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 309.900%#	
50) Toluene-d8	10.179	98	2582176	157.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 315.020%#	
62) 4-Bromofluorobenzene	12.483	95	809991	159.532	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 319.060%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	479512	132.146	ug/l	99
3) Chloromethane	2.113	50	769761	128.024	ug/l	98
4) Vinyl Chloride	2.247	62	883204	130.323	ug/l	100
5) Bromomethane	2.637	94	656612	145.563	ug/l	98
6) Chloroethane	2.790	64	583514	136.382	ug/l	98
7) Trichlorofluoromethane	3.119	101	1046699	137.044	ug/l	95
8) Diethyl Ether	3.527	74	354514	146.889	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	654925	137.698	ug/l	98
10) Methyl Iodide	4.088	142	952609	150.547	ug/l	98
11) Tert butyl alcohol	4.960	59	200061	735.167	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	658662	142.652	ug/l	98
13) Acrolein	3.729	56	249655	809.855	ug/l	99
14) Allyl chloride	4.478	41	867747	145.222	ug/l	96
15) Acrylonitrile	5.161	53	711314	725.885	ug/l	99
16) Acetone	3.942	43	556379	711.391	ug/l	93
17) Carbon Disulfide	4.192	76	2016562	137.290	ug/l	99
18) Methyl Acetate	4.472	43	272911	132.643	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	1542111	153.248	ug/l	99
20) Methylene Chloride	4.710	84	714796	134.903	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	730811	144.484	ug/l	98
22) Diisopropyl ether	6.118	45	1908236	145.674	ug/l	100
23) Vinyl Acetate	6.057	43	5887053	757.882	ug/l	100
24) 1,1-Dichloroethane	6.015	63	1228755	143.667	ug/l	99
25) 2-Butanone	6.984	43	858361	746.669	ug/l	96
26) 2,2-Dichloropropane	6.984	77	998681	145.543	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	873232	151.163	ug/l	100
28) Bromochloromethane	7.332	49	483057	143.583	ug/l	99
29) Tetrahydrofuran	7.350	42	539706	739.806	ug/l	99
30) Chloroform	7.508	83	1254340	143.499	ug/l	100
31) Cyclohexane	7.783	56	1017613	134.502	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	1056419	145.104	ug/l	99
36) 1,1-Dichloropropene	7.917	75	921098	146.595	ug/l	99
37) Ethyl Acetate	7.076	43	385168	148.997	ug/l #	97
38) Carbon Tetrachloride	7.905	117	951199	149.844	ug/l	98
39) Methylcyclohexane	9.185	83	1245783	152.146	ug/l	98
40) Benzene	8.161	78	2916526	148.189	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	223256	136.837	ug/l	90
42) 1,2-Dichloroethane	8.240	62	668416	148.222	ug/l	99
43) Isopropyl Acetate	8.270	43	747277	155.076	ug/l	98
44) Trichloroethene	8.941	130	761530	152.267	ug/l	99
45) 1,2-Dichloropropane	9.215	63	670902	148.087	ug/l	99
46) Dibromomethane	9.307	93	383628	153.084	ug/l	97
47) Bromodichloromethane	9.496	83	956745	152.175	ug/l	98
48) Methyl methacrylate	9.295	41	349926	158.474	ug/l	99
49) 1,4-Dioxane	9.301	88	89663	3134.159	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	1977243	774.010	ug/l	99
52) Toluene	10.246	92	1847364	152.965	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	915438	159.492	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	1097064	155.589	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	518175	152.110	ug/l	98
56) Ethyl methacrylate	10.508	69	738767	166.348	ug/l	98
57) 1,3-Dichloropropane	10.788	76	871529	151.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	1871475	810.690	ug/l	100
59) 2-Hexanone	10.831	43	1393264	798.975	ug/l	99
60) Dibromochloromethane	10.983	129	690896	157.805	ug/l	99
61) 1,2-Dibromoethane	11.087	107	494379	155.720	ug/l	99
64) Tetrachloroethene	10.721	164	685235	152.109	ug/l	99
65) Chlorobenzene	11.514	112	2057253	149.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	705577	155.253	ug/l	99
67) Ethyl Benzene	11.593	91	3568747	153.780	ug/l	97
68) m/p-Xylenes	11.703	106	2747557	308.255	ug/l	99
69) o-Xylene	12.026	106	1318957	158.458	ug/l	99
70) Styrene	12.044	104	2248321	159.815	ug/l	99
71) Bromoform	12.209	173	402975	153.468	ug/l #	98
73) Isopropylbenzene	12.331	105	3286287	153.531	ug/l	98
74) N-amyl acetate	12.142	43	694458	160.722	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	580677	145.458	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	719256	261.584	ug/l #	100
77) Bromobenzene	12.611	156	807985	155.984	ug/l	97
78) n-propylbenzene	12.672	91	3901371	150.224	ug/l	98
79) 2-Chlorotoluene	12.757	91	2199356	151.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	2610426	153.803	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	209903	157.002	ug/l	95
82) 4-Chlorotoluene	12.855	91	2252253	149.602	ug/l	98
83) tert-Butylbenzene	13.074	119	2430106	156.763	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	2644273	156.445	ug/l	98
85) sec-Butylbenzene	13.251	105	3483715	149.619	ug/l	98
86) p-Isopropyltoluene	13.367	119	3004361	157.029	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	1573617	153.113	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	1503026	148.974	ug/l	99
89) n-Butylbenzene	13.696	91	2730390	151.692	ug/l	99
90) Hexachloroethane	13.958	117	596947	152.158	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	1335373	150.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	76370	148.727	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	841527	162.977	ug/l	99
94) Hexachlorobutadiene	15.111	225	467308	152.559	ug/l	99
95) Naphthalene	15.233	128	1482056	174.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	704739	162.658	ug/l	100

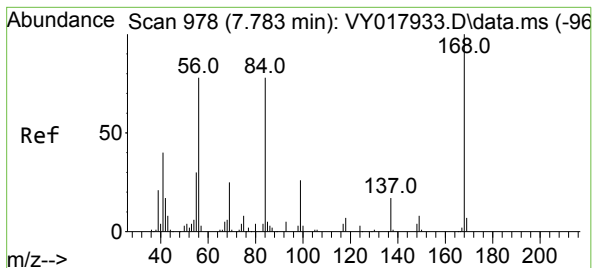
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY017945.D

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Instrument :

MSVOA_Y

ClientSampleId :

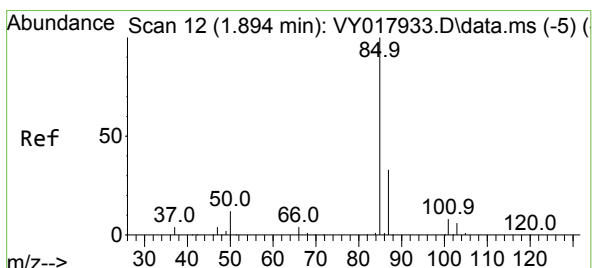
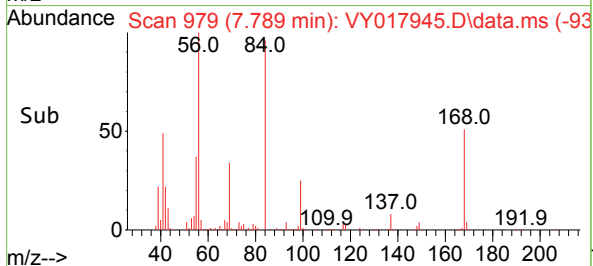
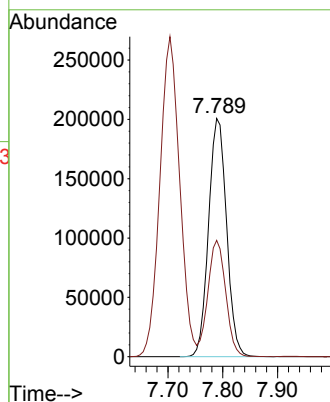
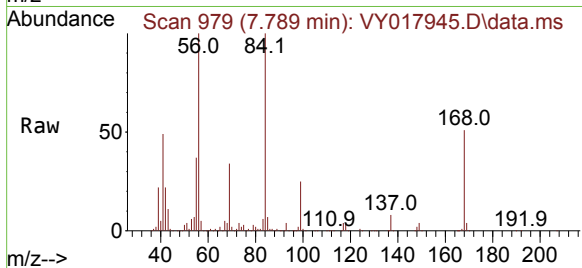
VSTDIC150

Tgt Ion:168 Resp: 457401

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 132.146 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY017945.D

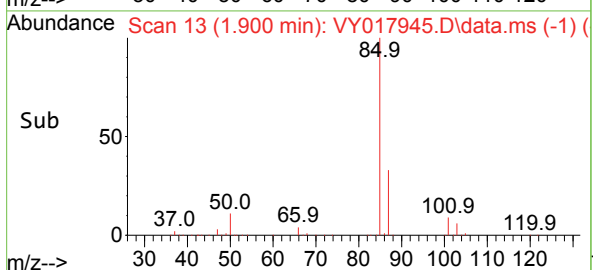
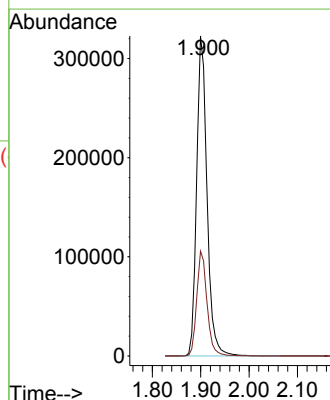
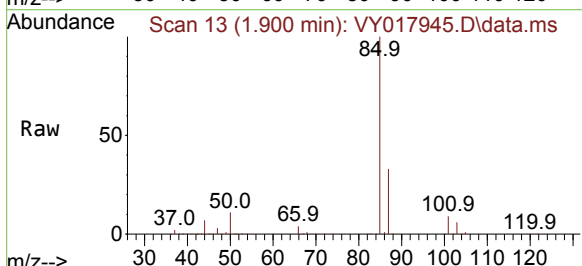
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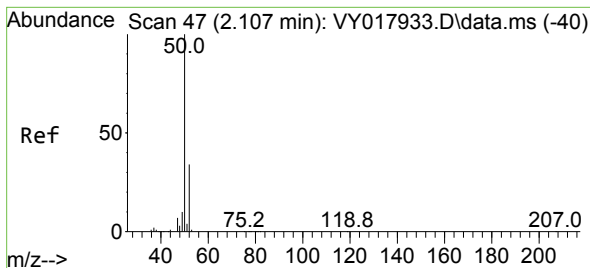
Tgt Ion: 85 Resp: 479512

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0





#3

Chloromethane

Concen: 128.024 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

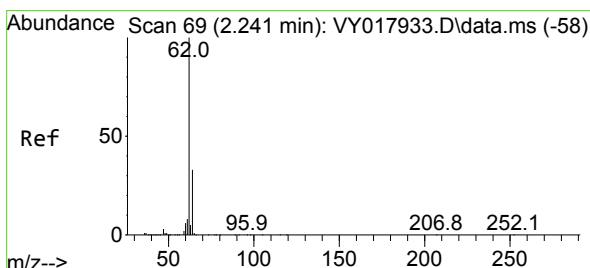
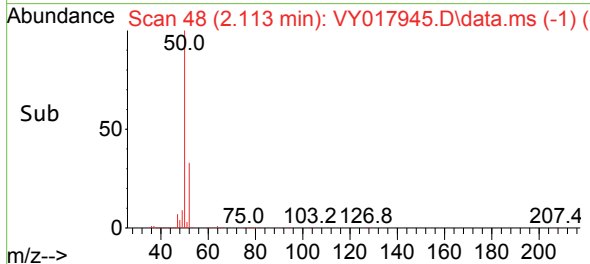
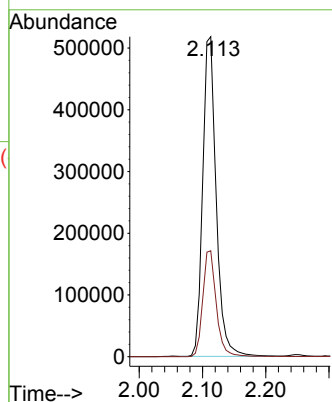
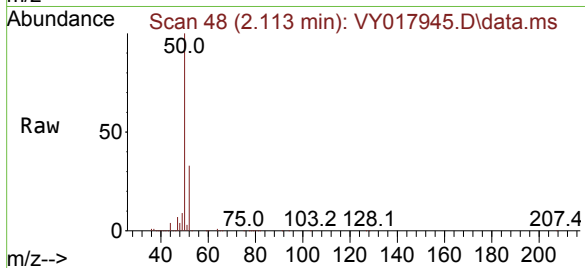
VSTDIC150

Tgt Ion: 50 Resp: 769761

Ion Ratio Lower Upper

50 100

52 33.2 25.6 38.4



#4

Vinyl Chloride

Concen: 130.323 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017945.D

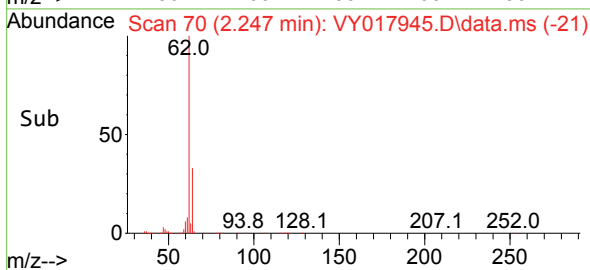
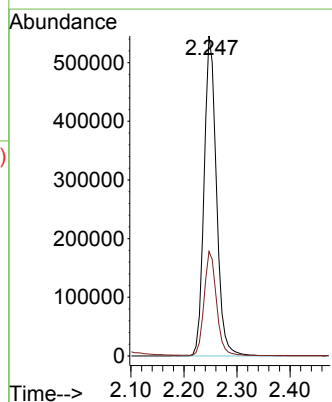
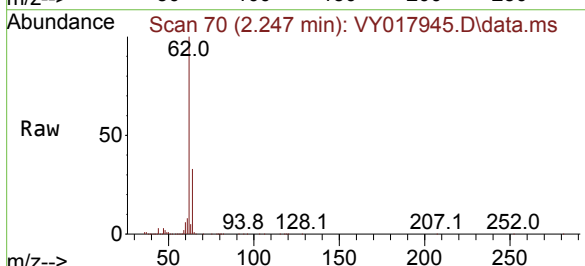
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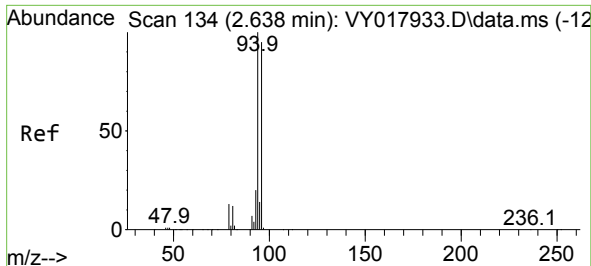
Tgt Ion: 62 Resp: 883204

Ion Ratio Lower Upper

62 100

64 32.5 26.1 39.1

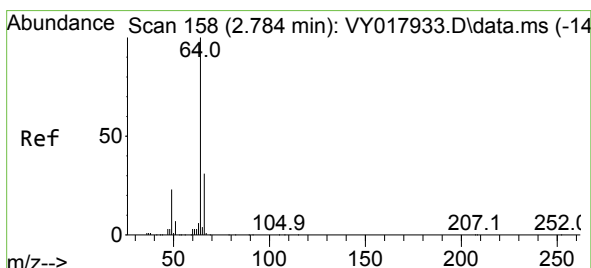
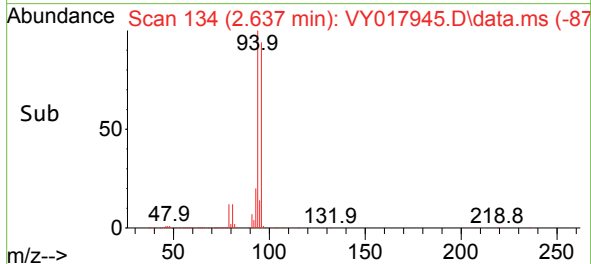
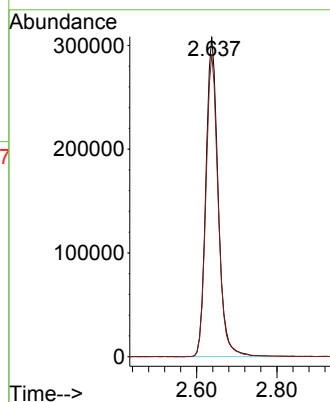
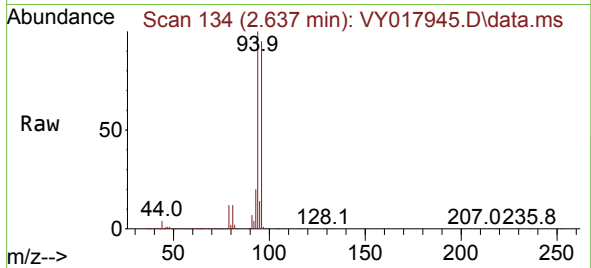




#5
Bromomethane
Concen: 145.563 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

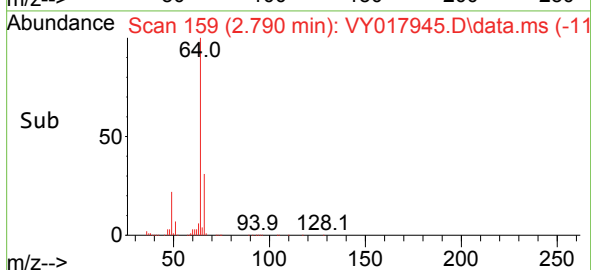
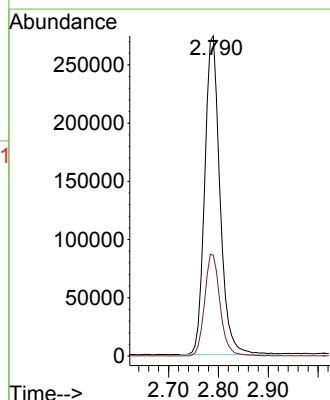
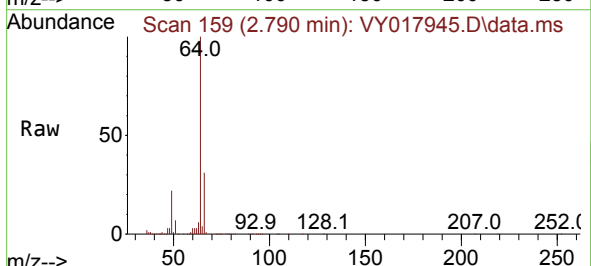
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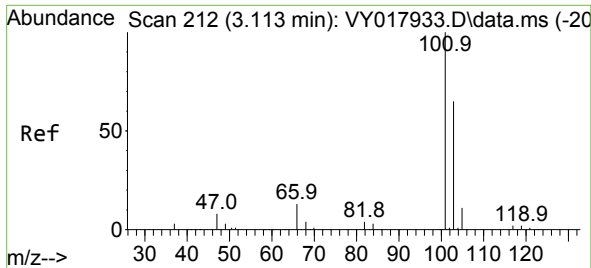
Tgt Ion: 94 Resp: 656612
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 136.382 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 64 Resp: 583514
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1

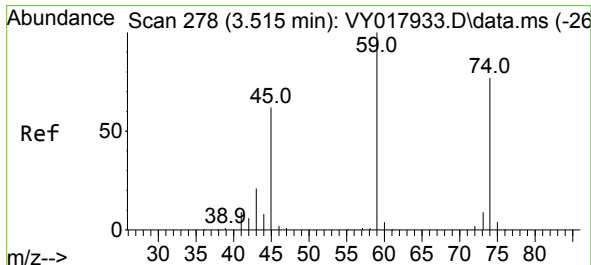
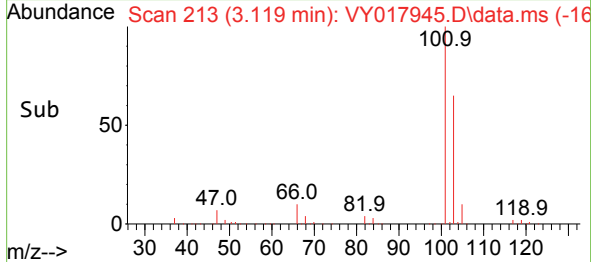
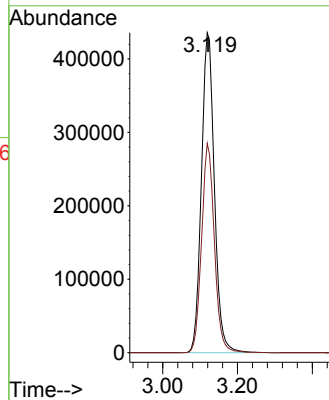
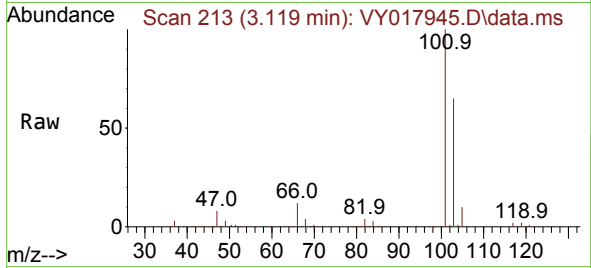




#7
 Trichlorofluoromethane
 Concen: 137.044 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY017945.D
 Acq: 16 Apr 2024 13:04

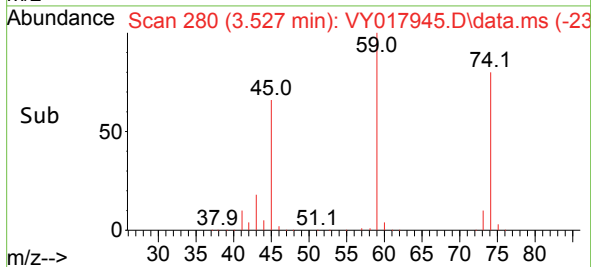
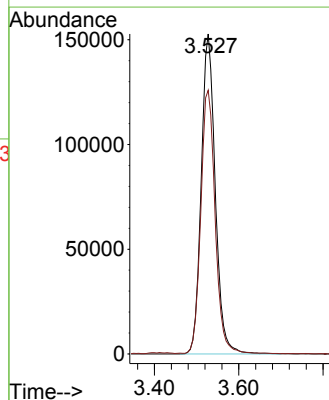
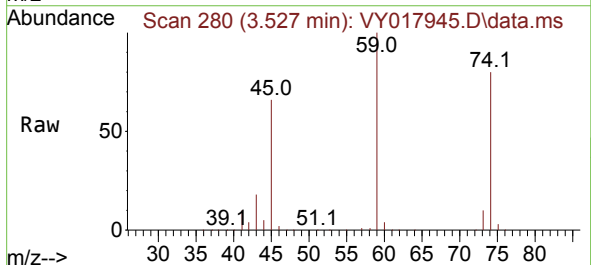
Instrument :
 MSVOA_Y
 ClientSampleId :
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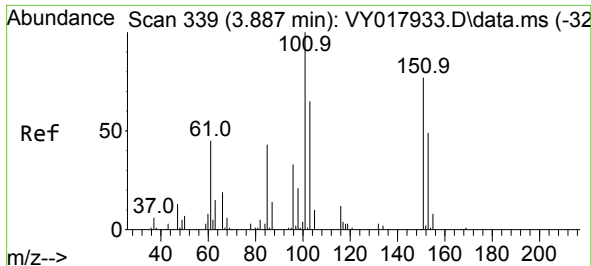
Tgt Ion:101 Resp: 1046699
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 146.889 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017945.D
 Acq: 16 Apr 2024 13:04

Tgt Ion: 74 Resp: 354514
 Ion Ratio Lower Upper
 74 100
 45 83.8 41.3 124.1

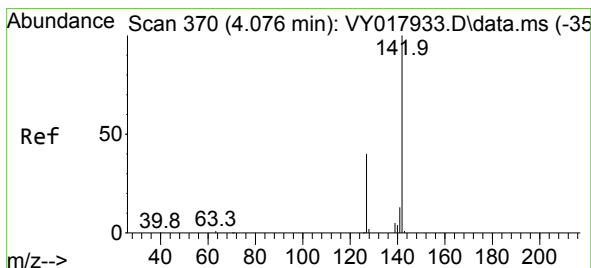
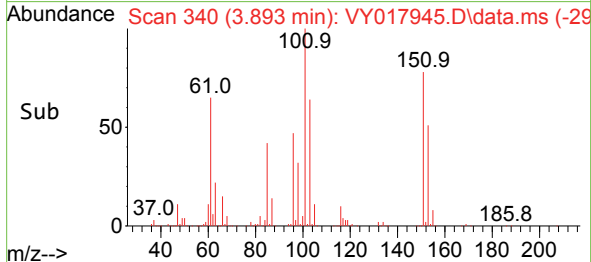
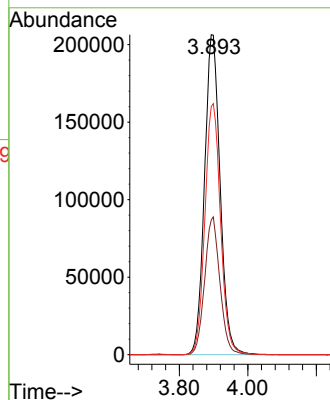
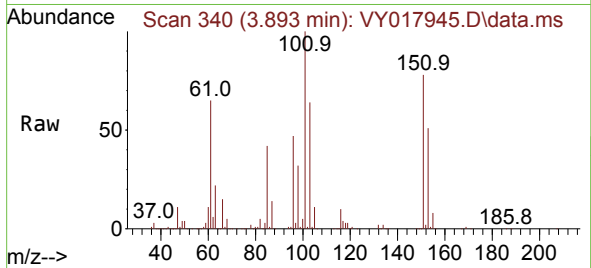




#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.698 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

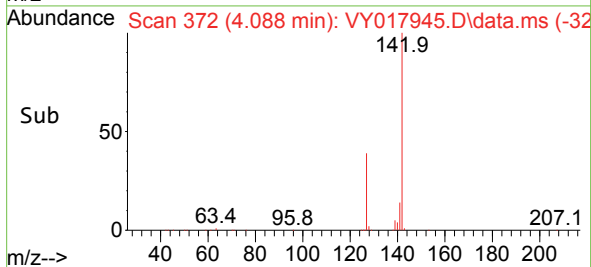
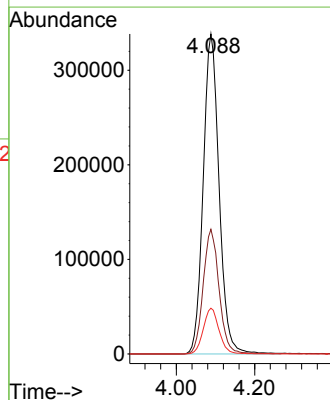
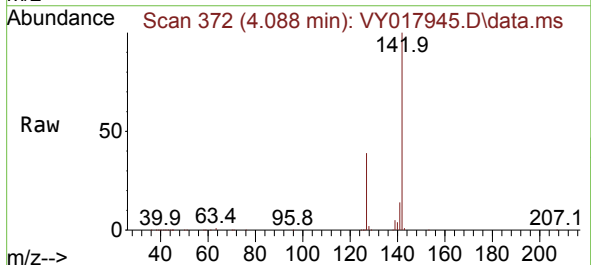
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

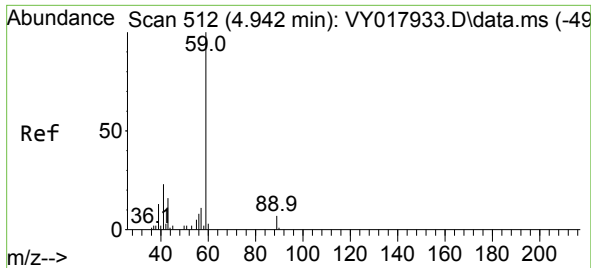
Tgt Ion:101 Resp: 654925
Ion Ratio Lower Upper
101 100
85 42.2 34.5 51.7
151 78.7 61.7 92.5



#10
Methyl Iodide
Concen: 150.547 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion:142 Resp: 952609
Ion Ratio Lower Upper
142 100
127 39.0 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 735.167 ug/l

RT: 4.960 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

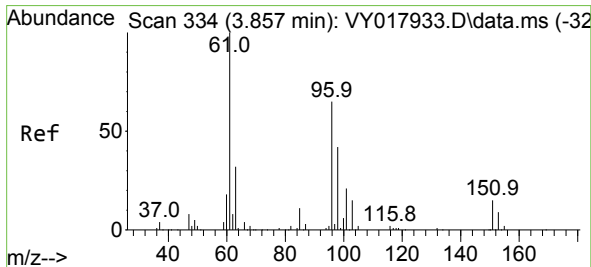
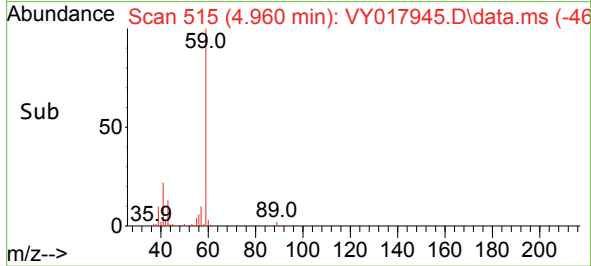
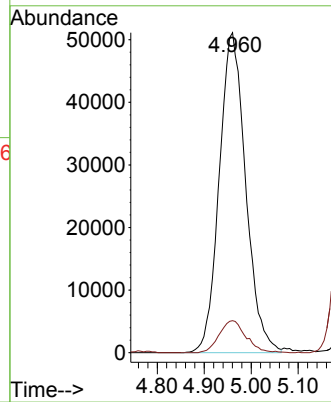
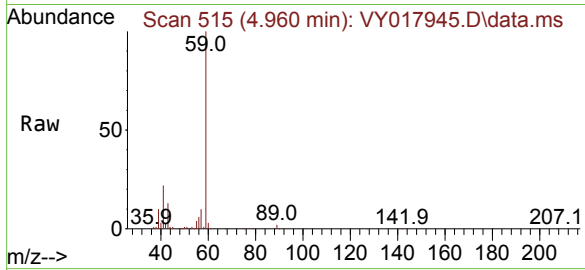
VSTDIC150

Tgt Ion: 59 Resp: 200061

Ion Ratio Lower Upper

59 100

57 10.1 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 142.652 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

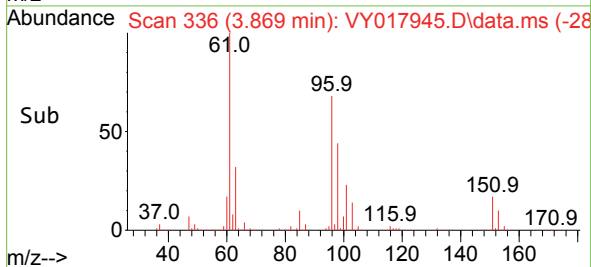
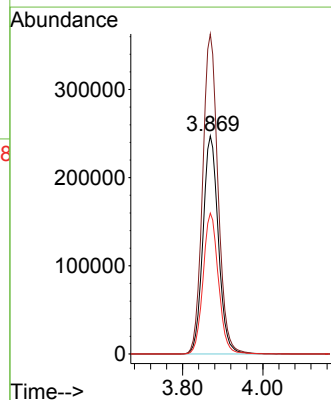
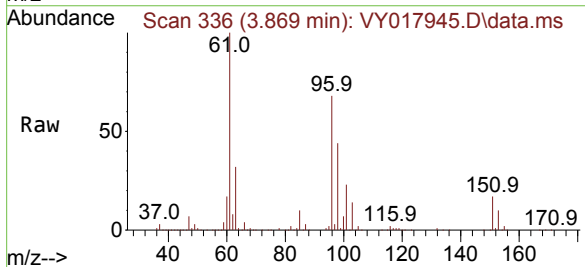
Tgt Ion: 96 Resp: 658662

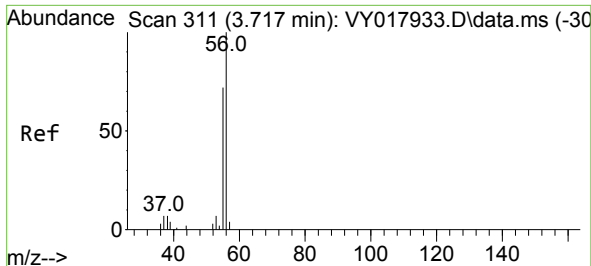
Ion Ratio Lower Upper

96 100

61 146.7 114.6 171.8

98 64.6 50.8 76.2





#13

Acrolein

Concen: 809.855 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

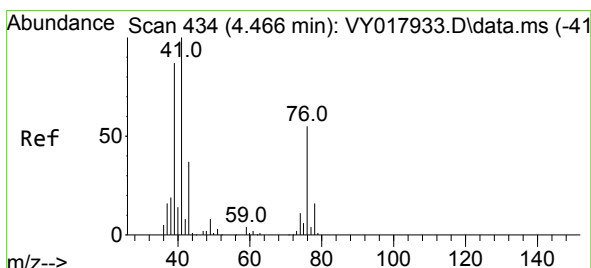
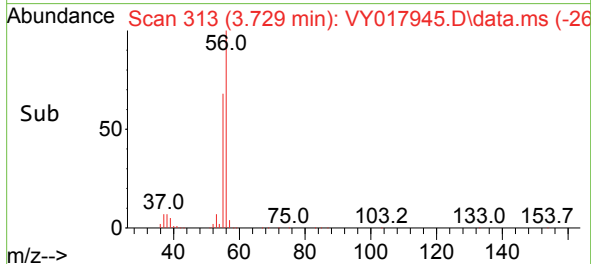
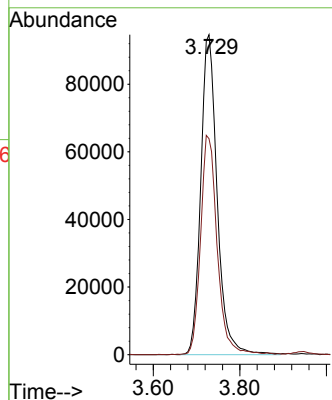
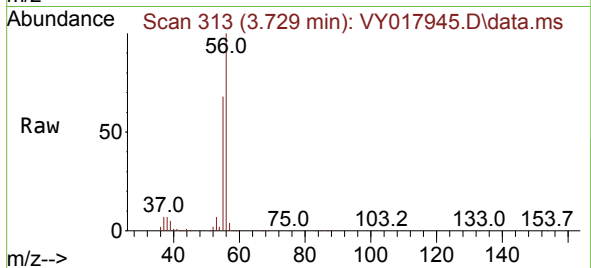
VSTDIC150

Tgt Ion: 56 Resp: 249655

Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5



#14

Allyl chloride

Concen: 145.222 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

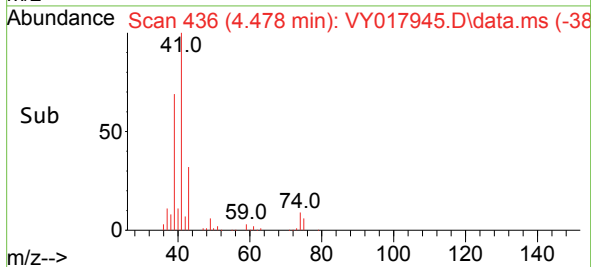
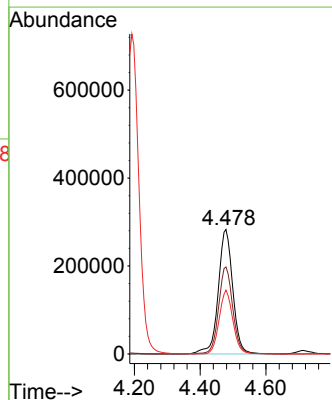
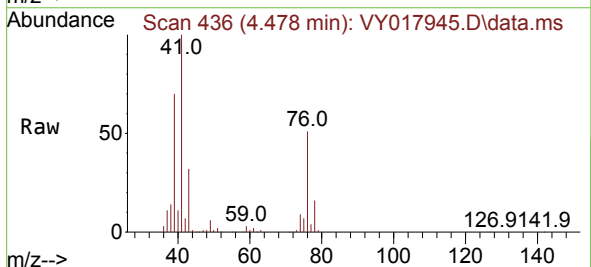
Tgt Ion: 41 Resp: 867747

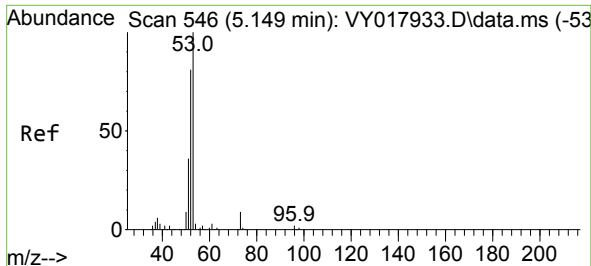
Ion Ratio Lower Upper

41 100

39 68.0 58.3 87.5

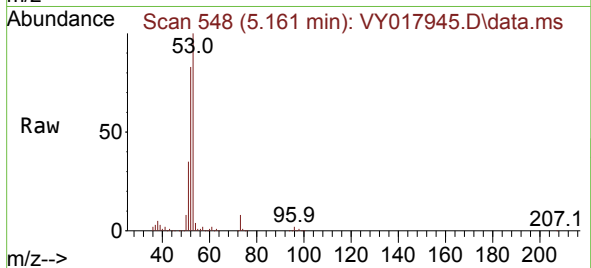
76 48.0 39.0 58.6



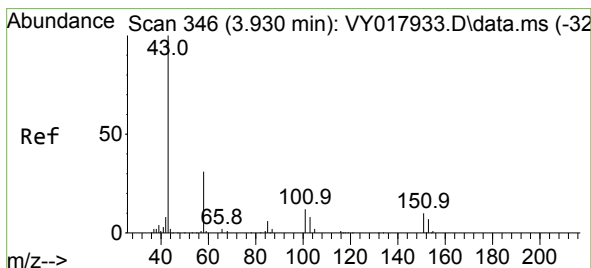
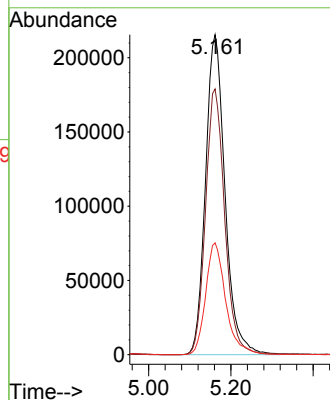
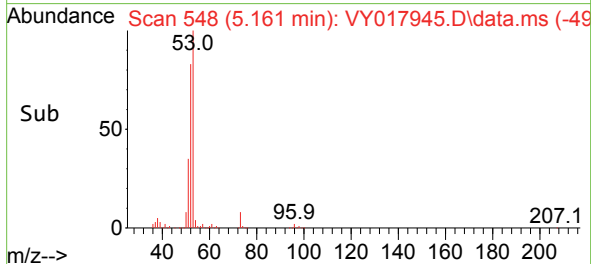


#15
Acrylonitrile
Concen: 725.885 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

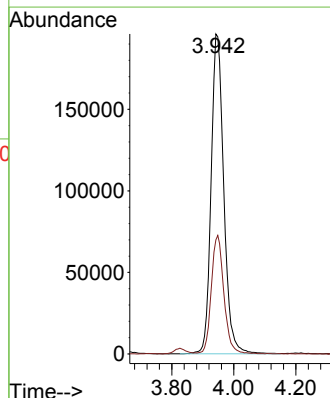
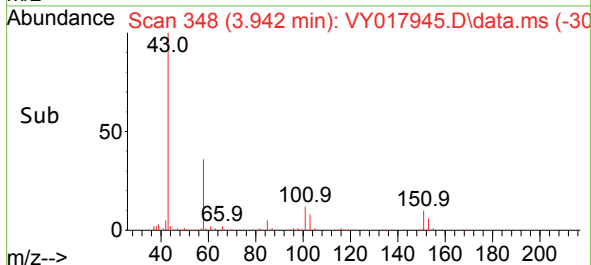
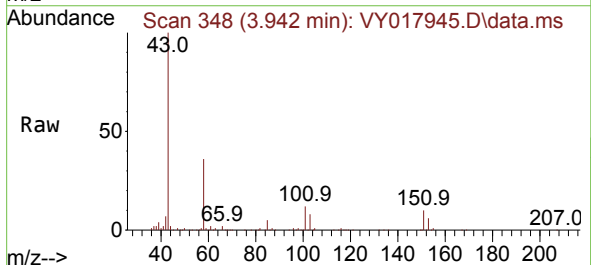


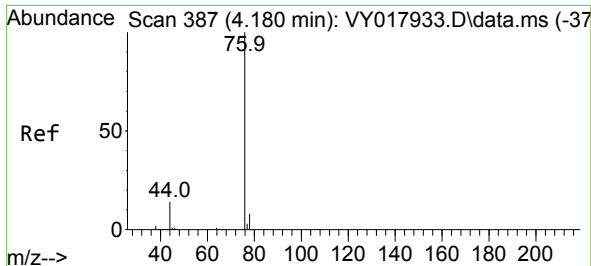
Tgt Ion: 53 Resp: 711314
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 36.0 28.4 42.6



#16
Acetone
Concen: 711.391 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 43 Resp: 556379
Ion Ratio Lower Upper
43 100
58 35.6 31.7 47.5





#17

Carbon Disulfide

Concen: 137.290 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

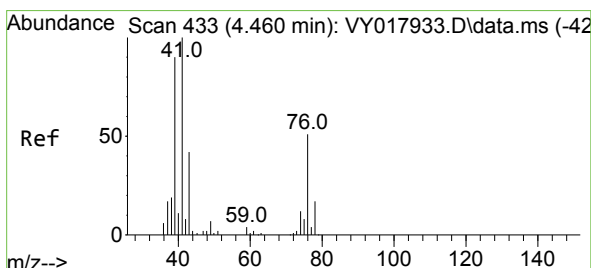
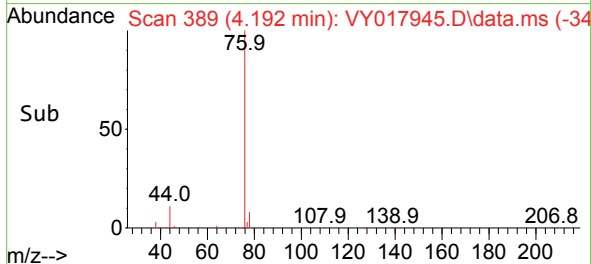
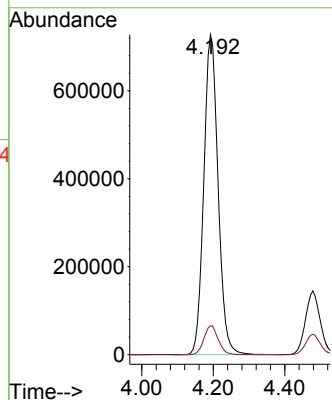
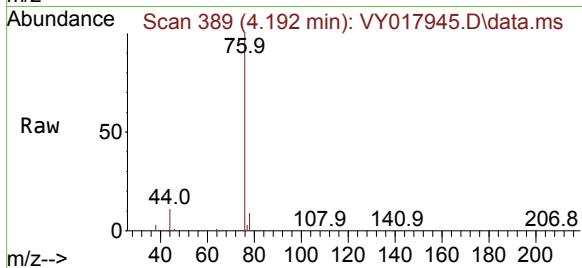
VSTDIC150

Tgt Ion: 76 Resp: 2016562

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



#18

Methyl Acetate

Concen: 132.643 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017945.D

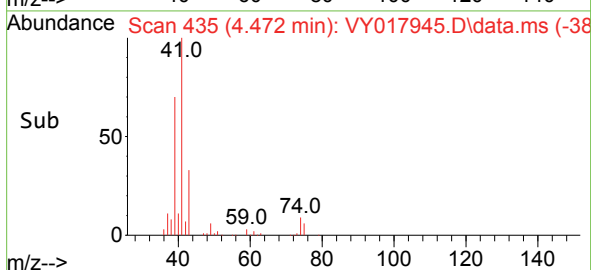
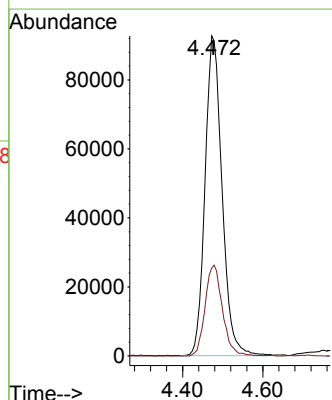
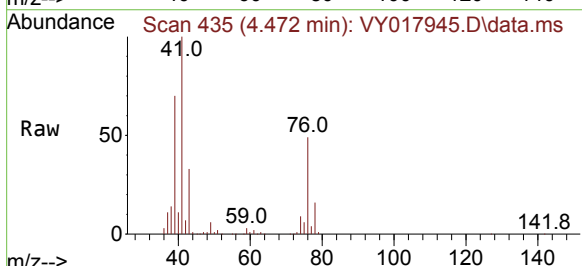
Acq: 16 Apr 2024 13:04

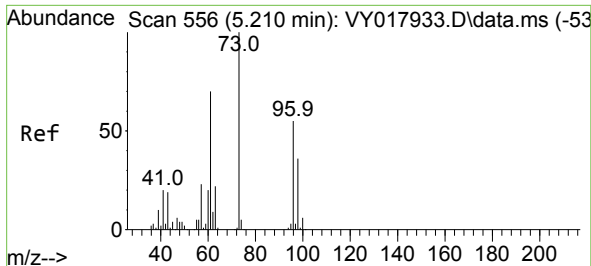
Tgt Ion: 43 Resp: 272911

Ion Ratio Lower Upper

43 100

74 29.0 23.3 34.9

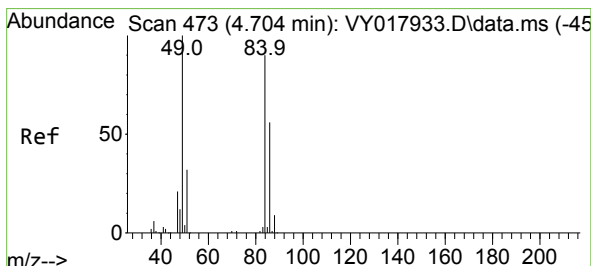
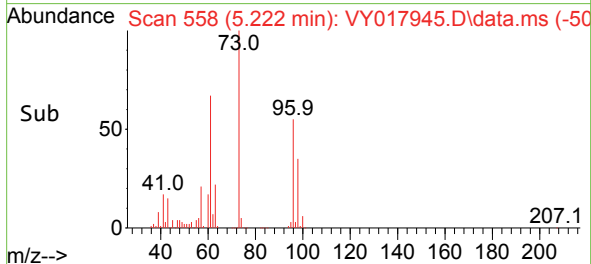
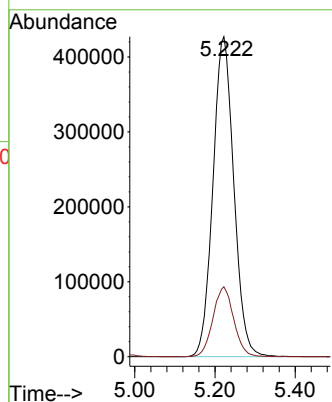
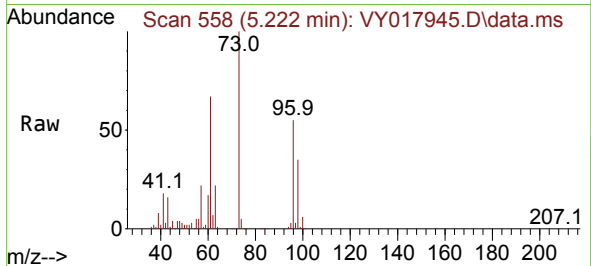




#19
Methyl tert-butyl Ether
Concen: 153.248 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

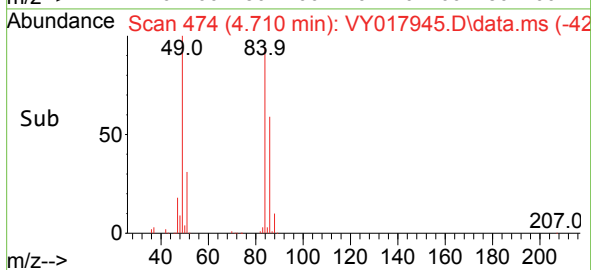
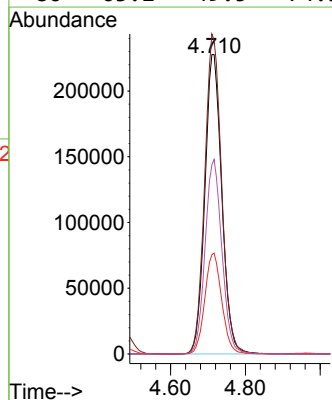
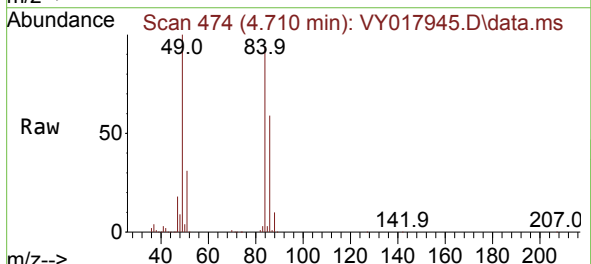
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

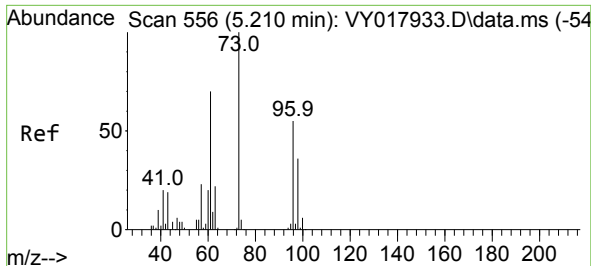
Tgt Ion: 73 Resp: 1542111
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 134.903 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 84 Resp: 714796
Ion Ratio Lower Upper
84 100
49 106.9 84.4 126.6
51 33.1 26.0 39.0
86 63.2 49.5 74.3

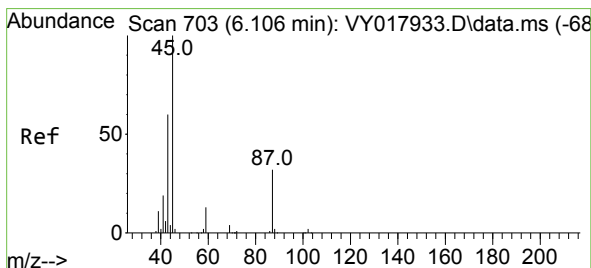
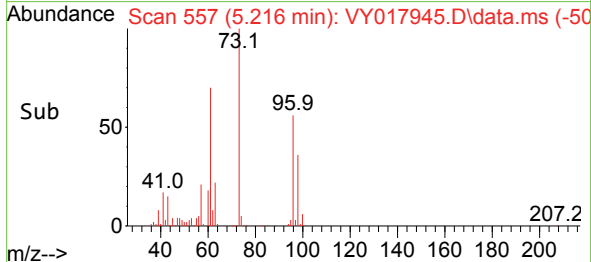
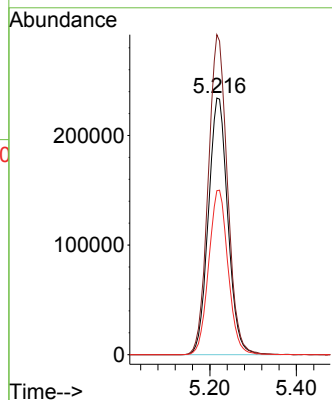
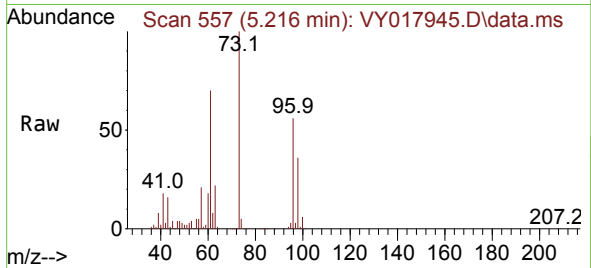




#21
trans-1,2-Dichloroethene
Concen: 144.484 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

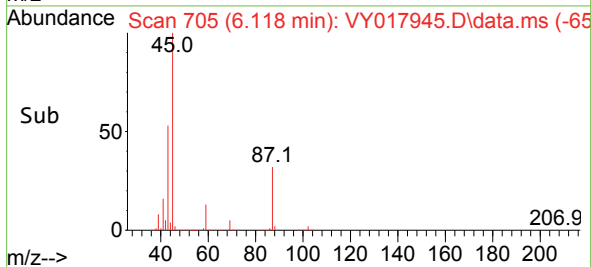
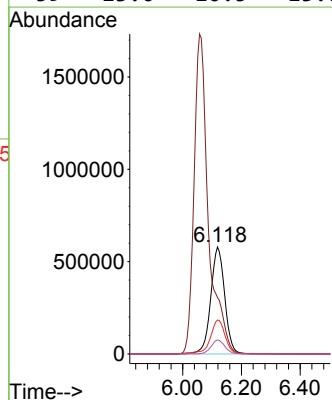
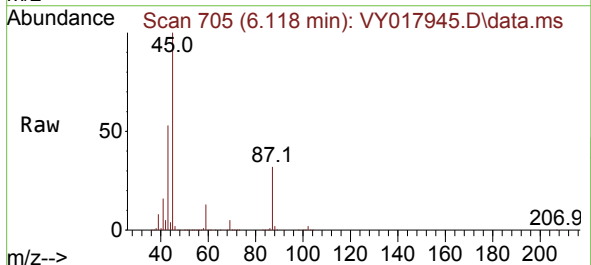
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

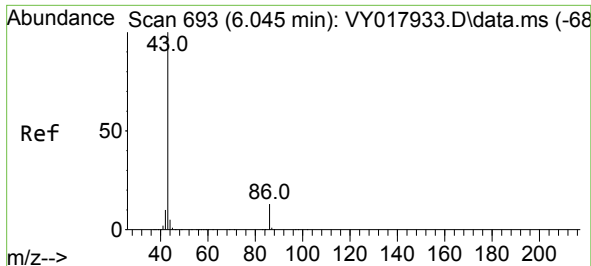
Tgt Ion: 96 Resp: 730811
Ion Ratio Lower Upper
96 100
61 124.7 97.5 146.3
98 63.9 50.5 75.7



#22
Diisopropyl ether
Concen: 145.674 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 45 Resp: 1908236
Ion Ratio Lower Upper
45 100
43 52.7 42.2 63.2
87 31.7 25.0 37.6
59 13.0 10.5 15.7

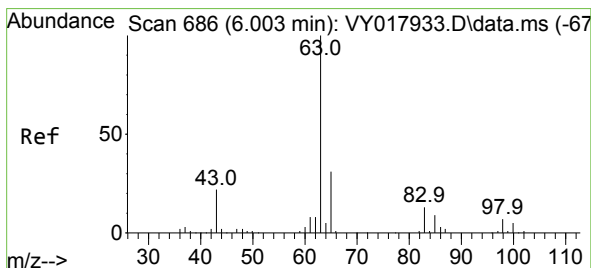
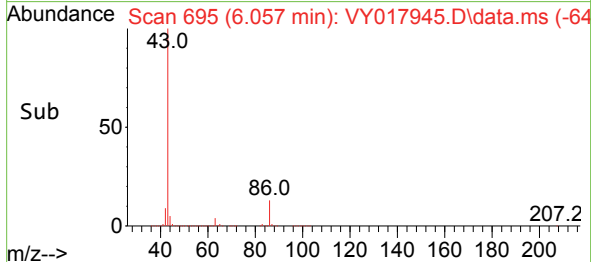
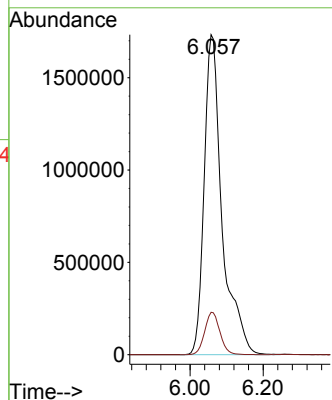
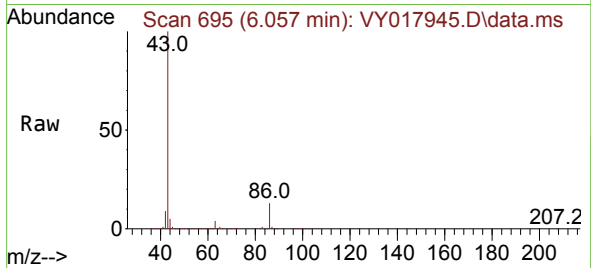




#23
Vinyl Acetate
Concen: 757.882 ug/l
RT: 6.057 min Scan# 693
Delta R.T. -0.006 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

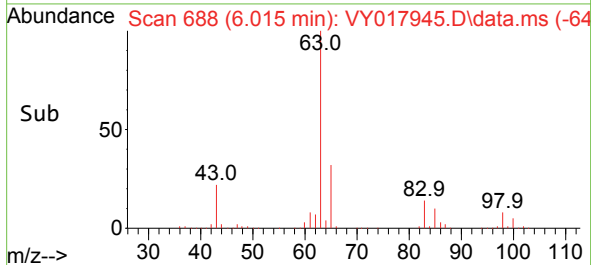
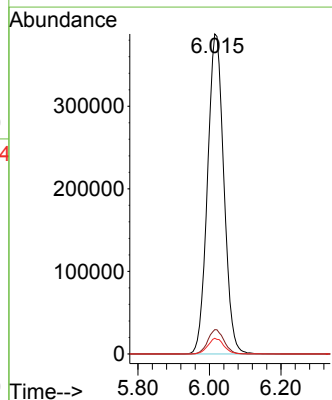
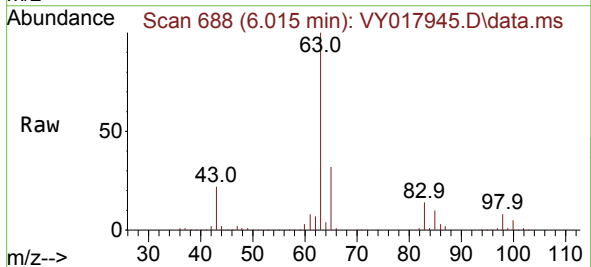
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

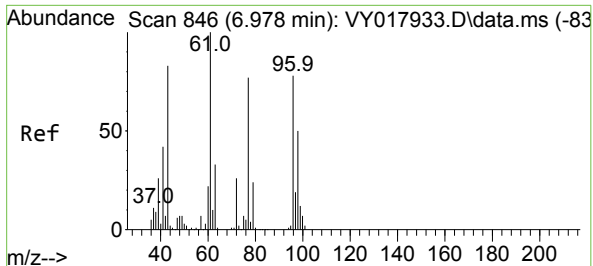
Tgt Ion: 43 Resp: 5887053
Ion Ratio Lower Upper
43 100
86 13.2 10.6 16.0



#24
1,1-Dichloroethane
Concen: 143.667 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 63 Resp: 1228755
Ion Ratio Lower Upper
63 100
98 7.6 4.0 12.2
100 4.9 2.6 8.0





#25

2-Butanone

Concen: 746.669 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

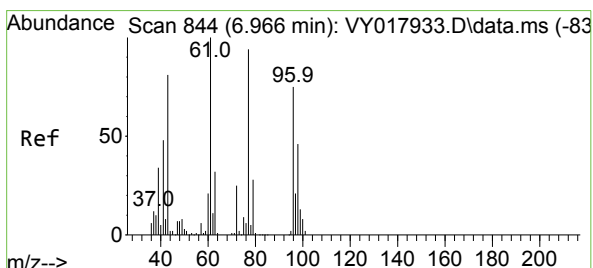
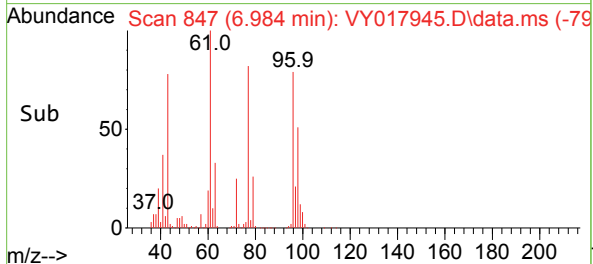
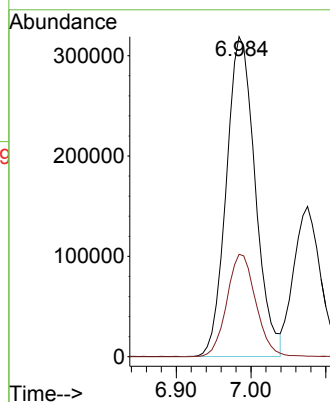
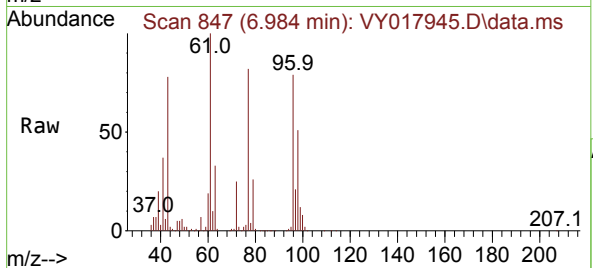
VSTDICC150

Tgt Ion: 43 Resp: 858361

Ion Ratio Lower Upper

43 100

72 32.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 145.543 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017945.D

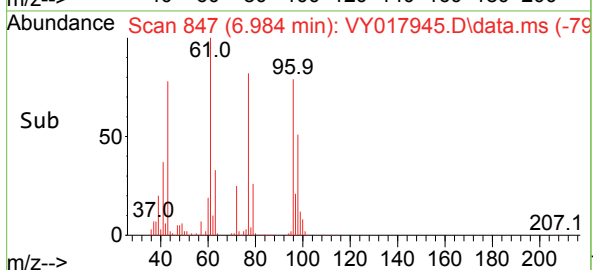
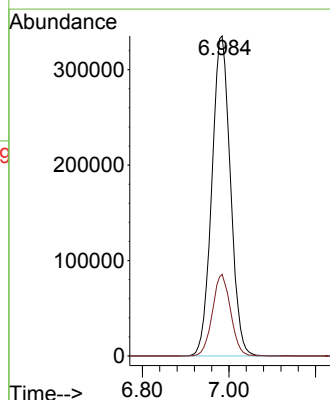
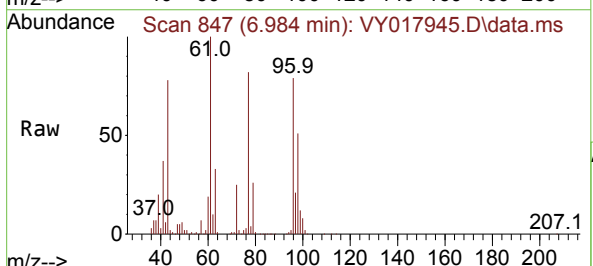
Acq: 16 Apr 2024 13:04

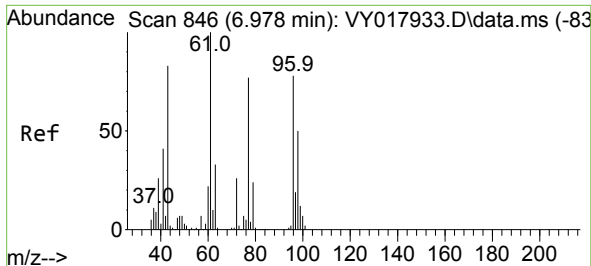
Tgt Ion: 77 Resp: 998681

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.1

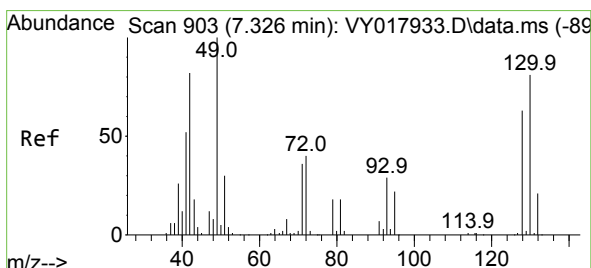
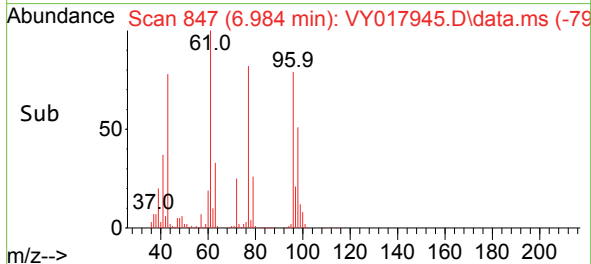
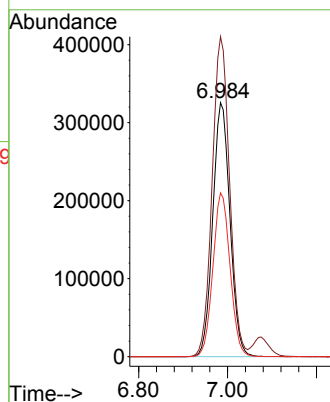
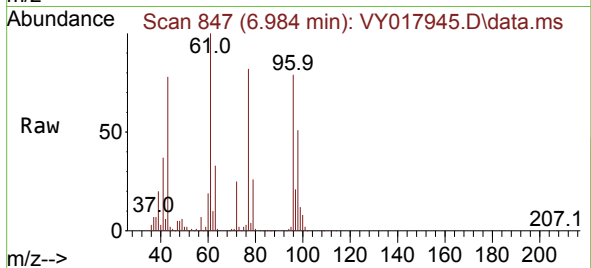




#27
cis-1,2-Dichloroethene
Concen: 151.163 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

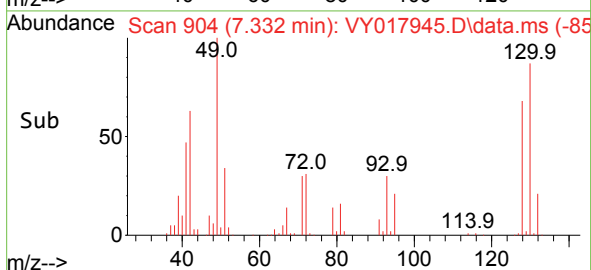
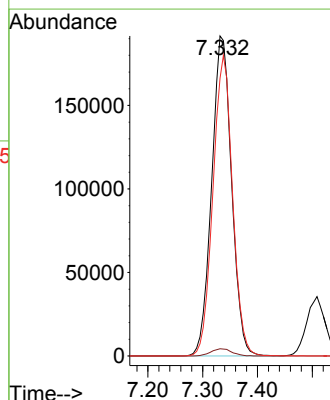
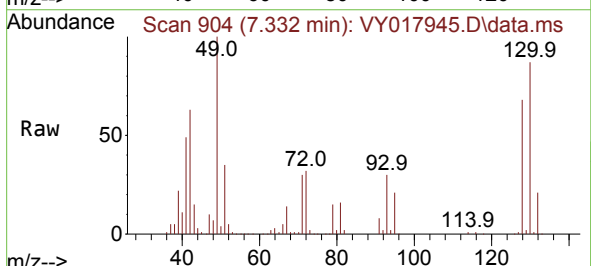
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

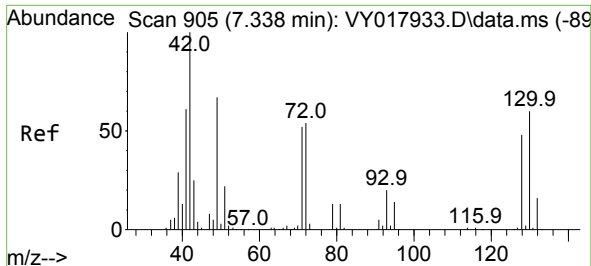
Tgt Ion: 96 Resp: 873232
Ion Ratio Lower Upper
96 100
61 127.9 0.0 256.2
98 64.5 0.0 130.0



#28
Bromochloromethane
Concen: 143.583 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 49 Resp: 483057
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 92.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 739.806 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

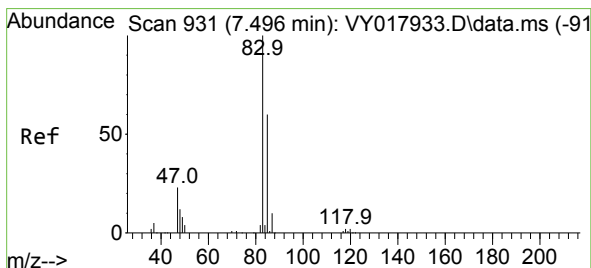
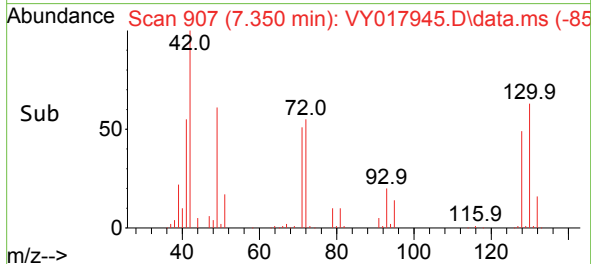
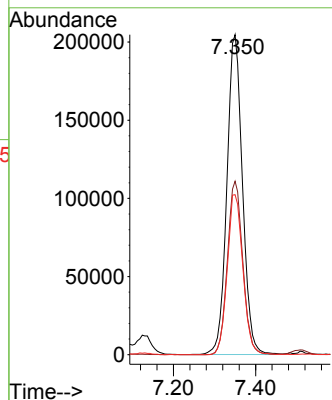
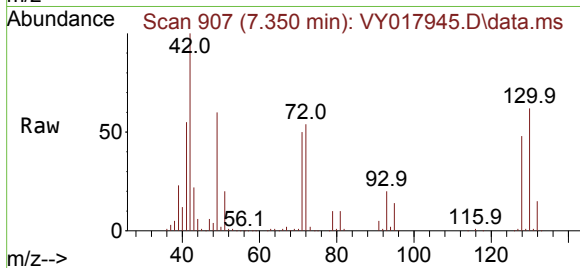
Tgt Ion: 42 Resp: 539706

Ion Ratio Lower Upper

42 100

72 53.4 43.0 64.4

71 50.1 40.8 61.2



#30

Chloroform

Concen: 143.499 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017945.D

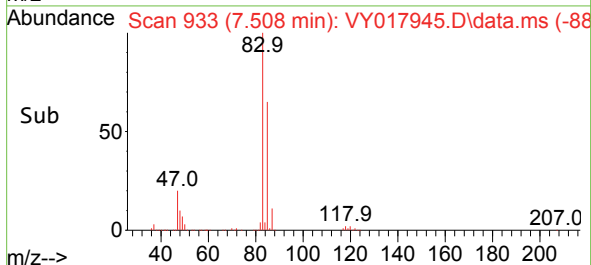
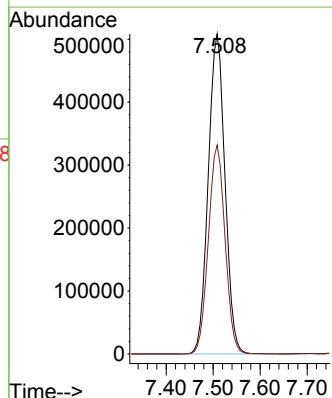
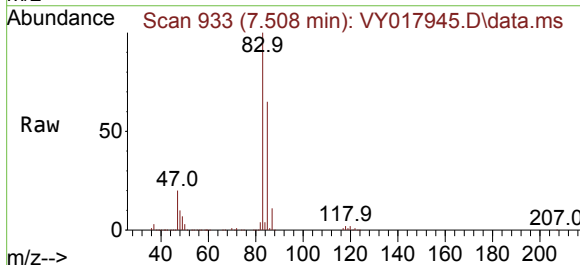
Acq: 16 Apr 2024 13:04

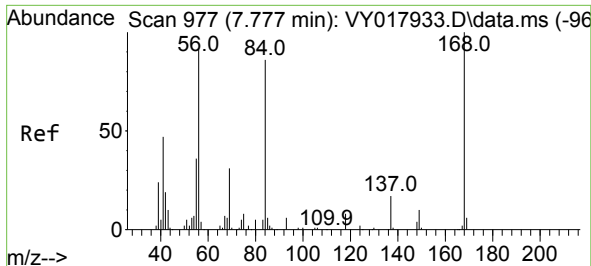
Tgt Ion: 83 Resp: 1254340

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4

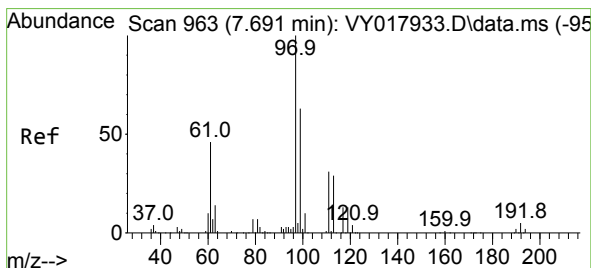
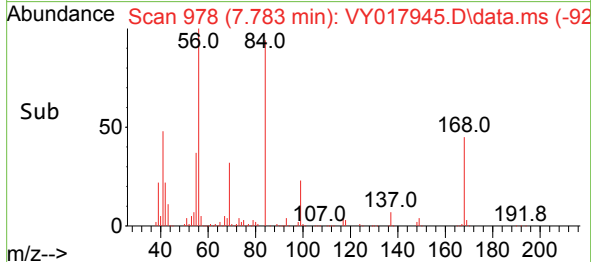
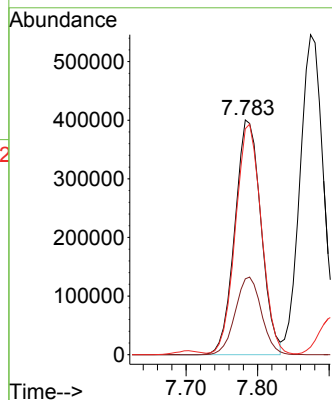
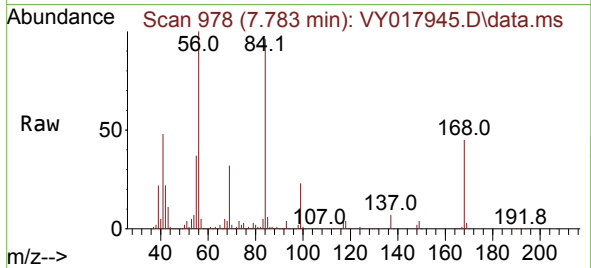




#31
Cyclohexane
Concen: 134.502 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

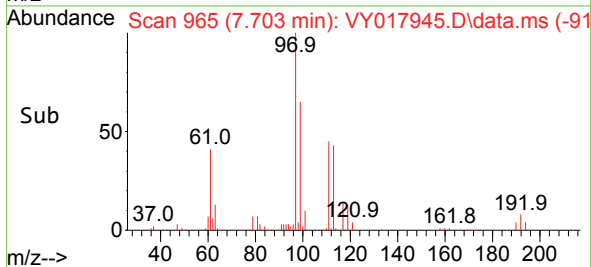
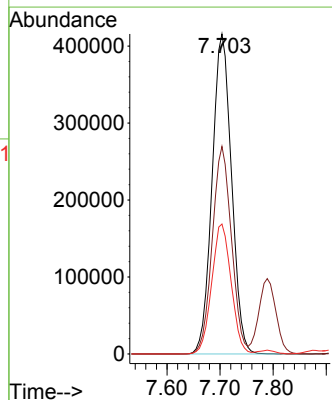
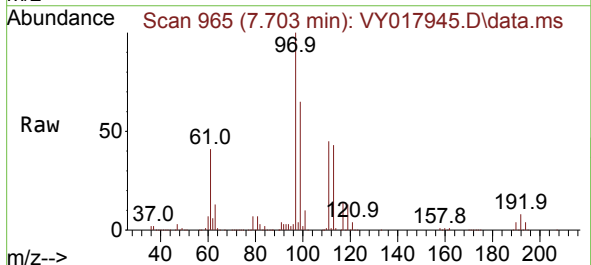
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

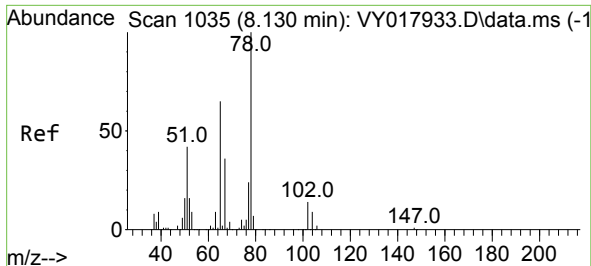
Tgt Ion: 56 Resp: 1017613
Ion Ratio Lower Upper
56 100
69 32.3 28.7 43.1
84 95.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 145.104 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 97 Resp: 1056419
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 40.7 32.6 48.8

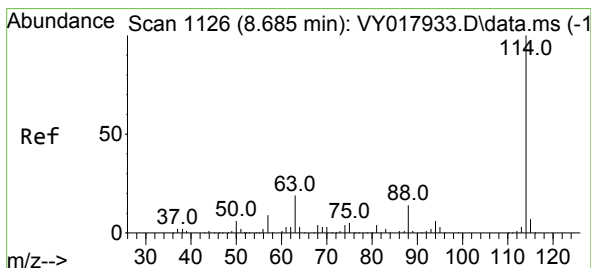
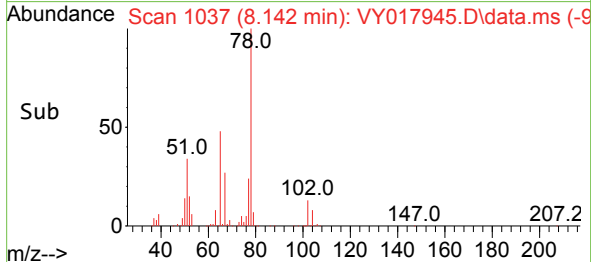
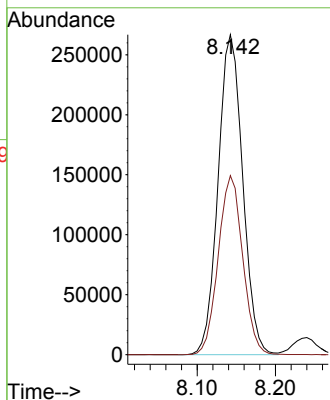
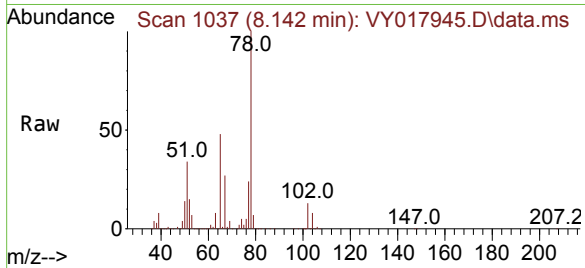




#33
1,2-Dichloroethane-d4
Concen: 147.223 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

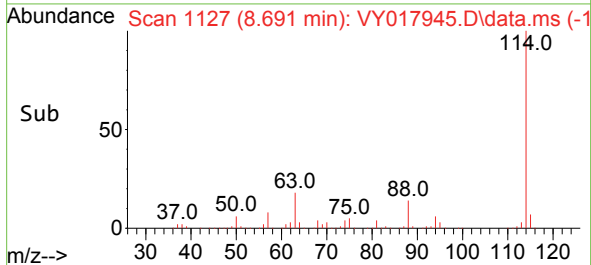
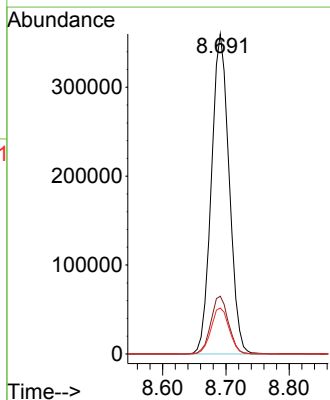
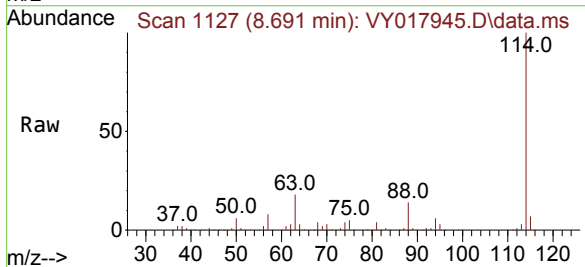
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

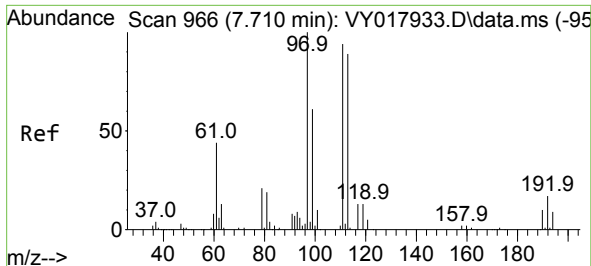
Tgt Ion: 65 Resp: 582739
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 114 Resp: 700310
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 14.3 0.0 27.2

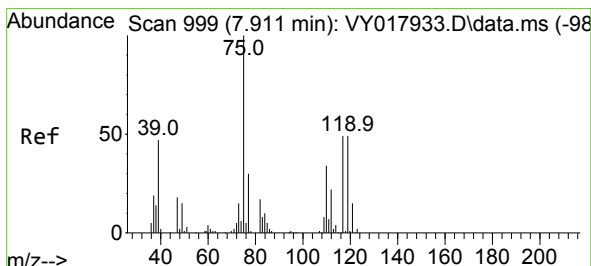
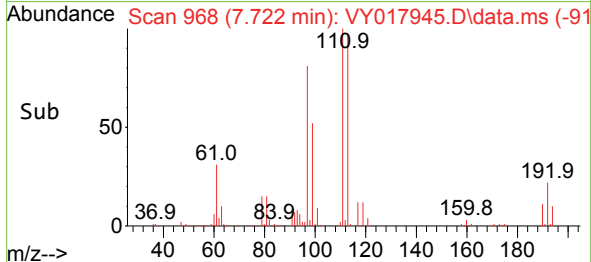
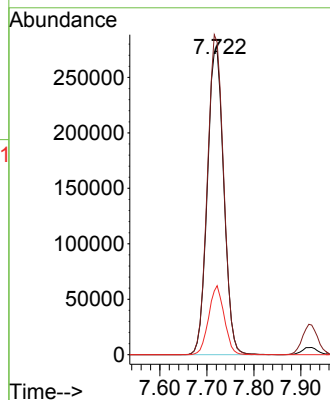
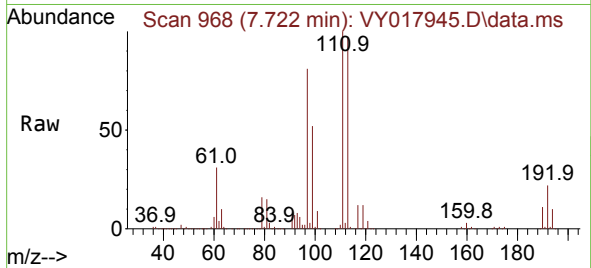




#35
Dibromofluoromethane
Concen: 154.951 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

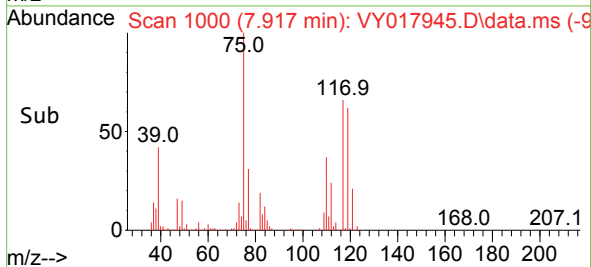
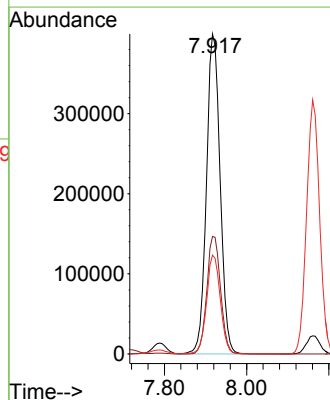
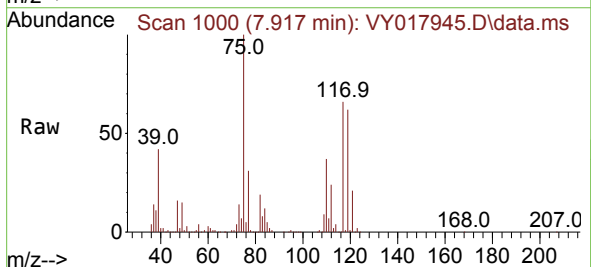
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

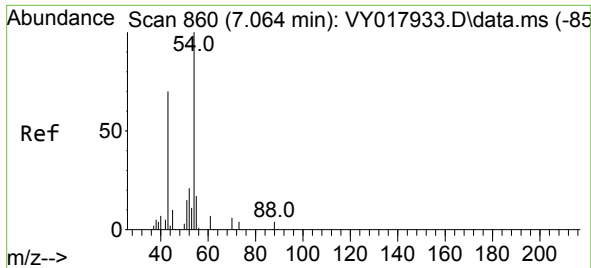
Tgt Ion:113 Resp: 669462
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 146.595 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 75 Resp: 921098
Ion Ratio Lower Upper
75 100
110 37.0 19.0 57.0
77 31.1 25.3 37.9

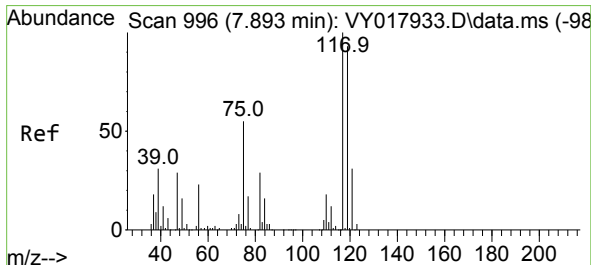
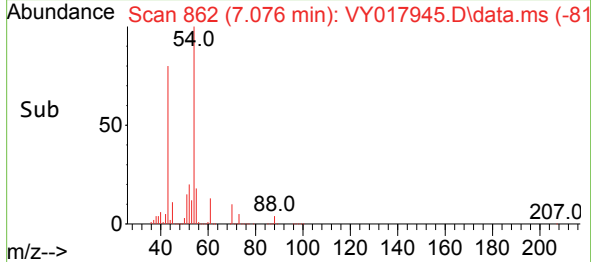
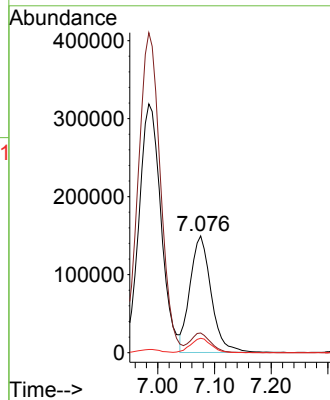
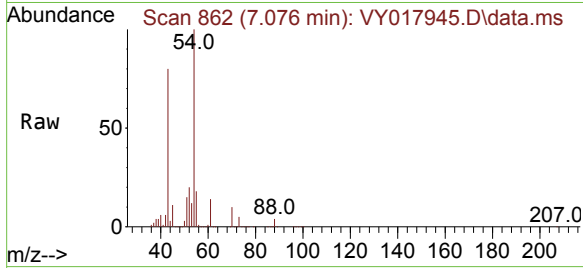




#37
Ethyl Acetate
Concen: 148.997 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

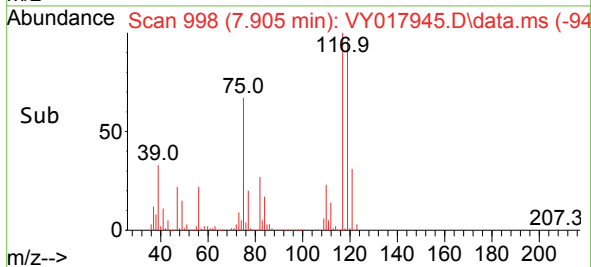
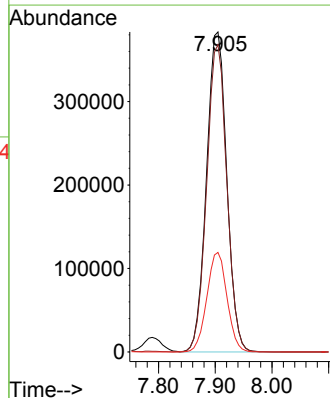
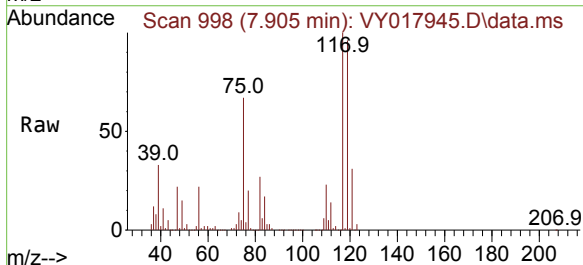
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

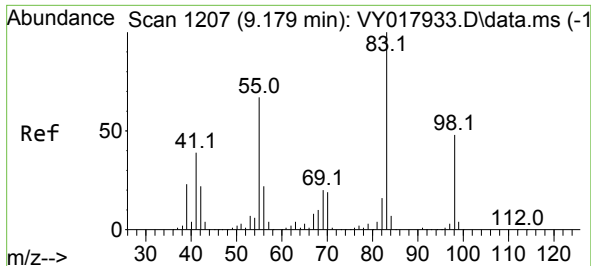
Tgt Ion: 43 Resp: 385168
Ion Ratio Lower Upper
43 100
61 16.3 12.6 19.0
70 12.2 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 149.844 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 117 Resp: 951199
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6
121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 152.146 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

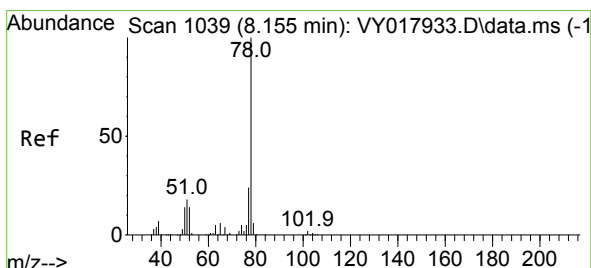
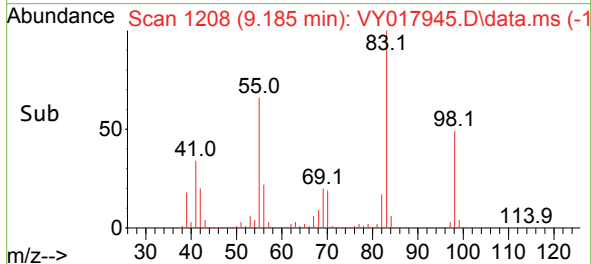
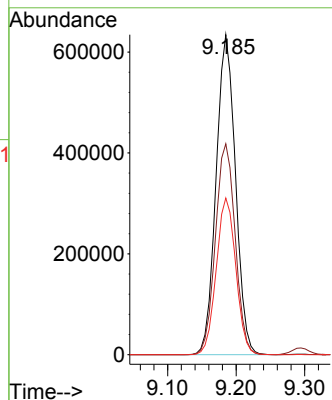
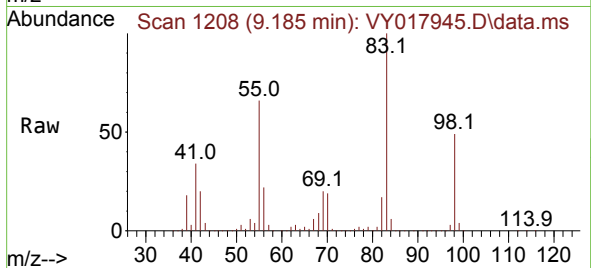
Tgt Ion: 83 Resp: 1245783

Ion Ratio Lower Upper

83 100

55 65.9 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 148.189 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017945.D

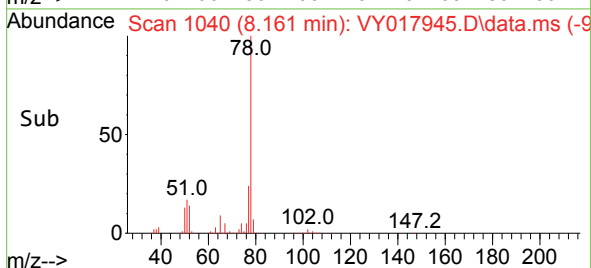
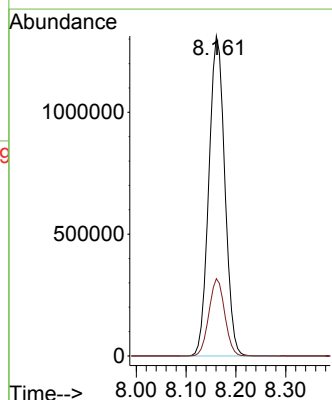
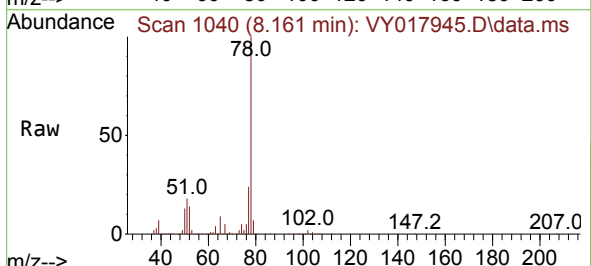
Acq: 16 Apr 2024 13:04

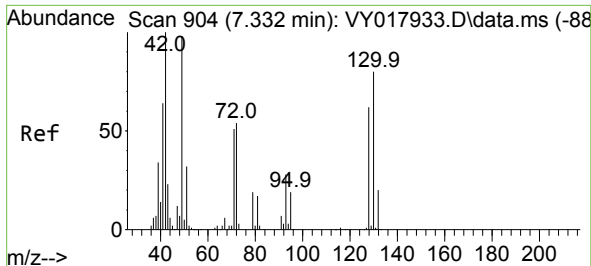
Tgt Ion: 78 Resp: 2916526

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

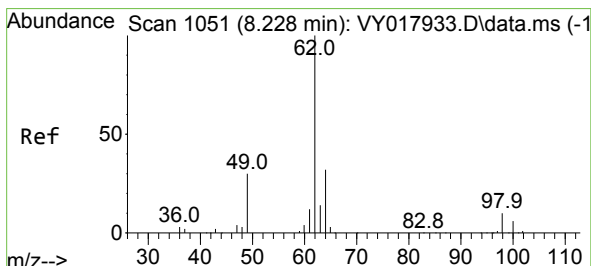
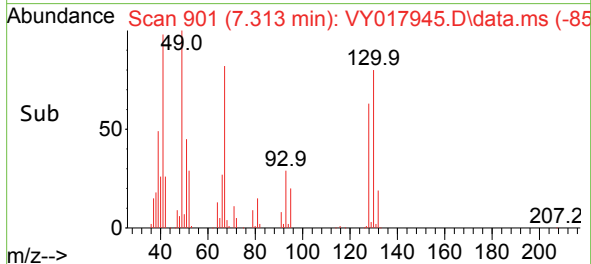
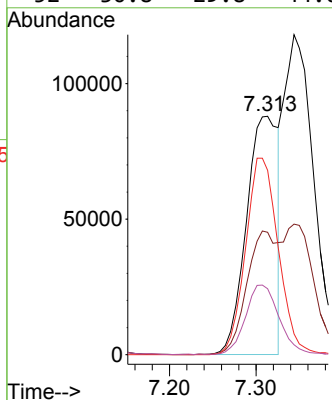
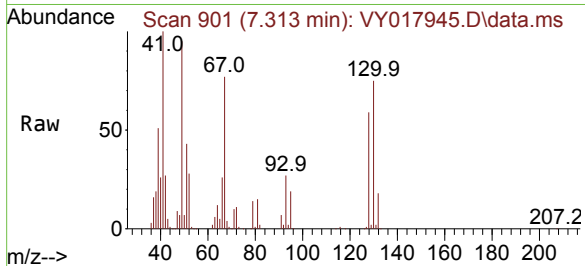




#41
Methacrylonitrile
Concen: 136.837 ug/l
RT: 7.313 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

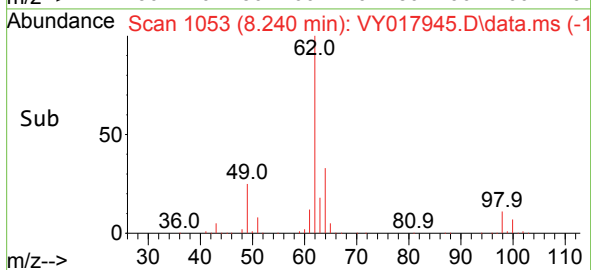
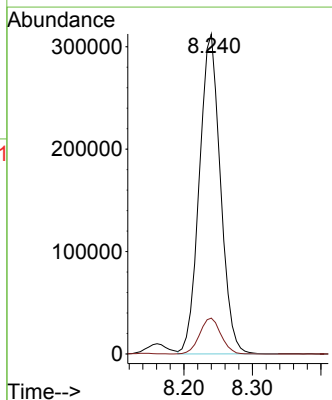
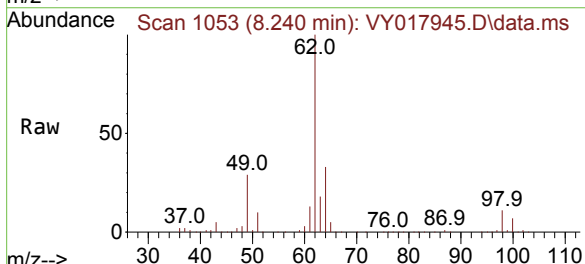
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

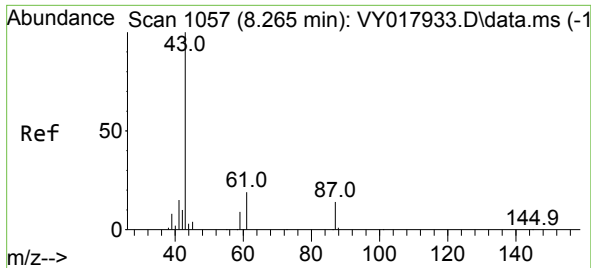
Tgt Ion: 41 Resp: 223256
Ion Ratio Lower Upper
41 100
39 50.4 48.0 72.0
67 85.4 75.1 112.7
52 30.8 29.8 44.6



#42
1,2-Dichloroethane
Concen: 148.222 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 62 Resp: 668416
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.0

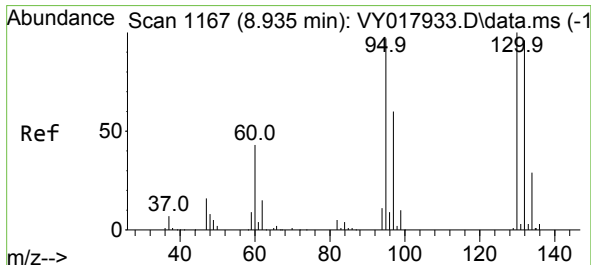
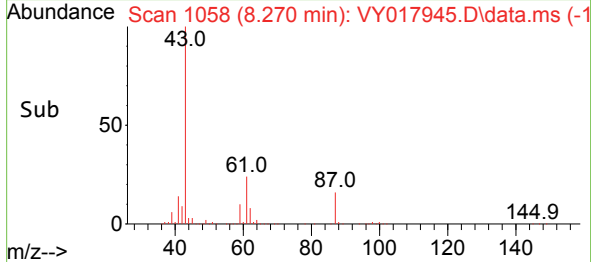
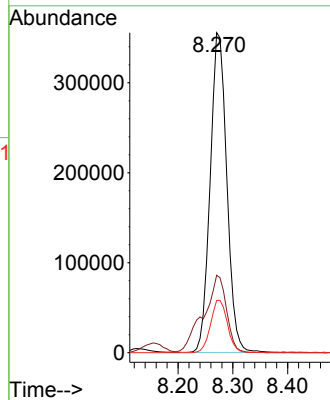
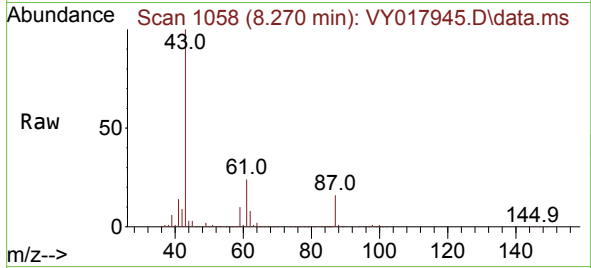




#43
Isopropyl Acetate
Concen: 155.076 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

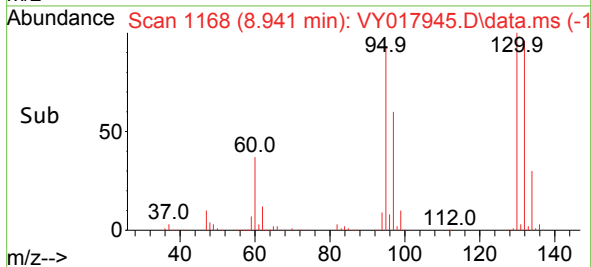
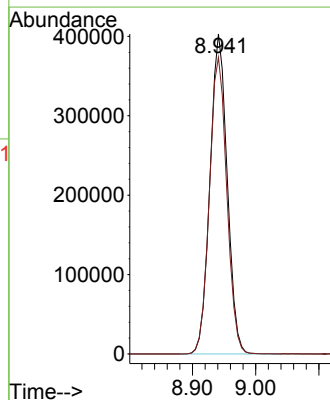
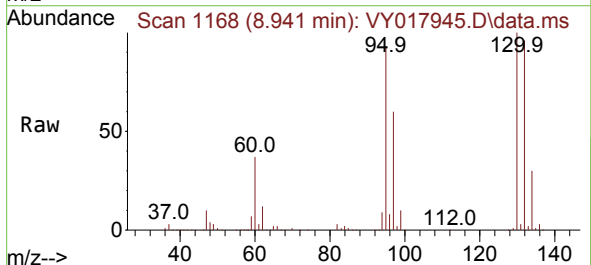
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

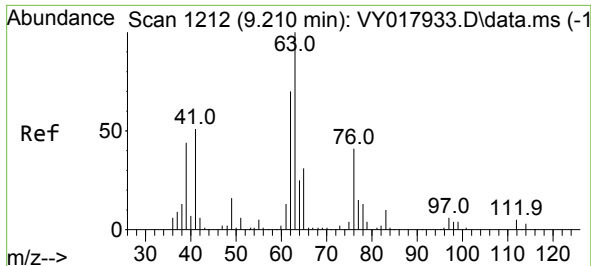
Tgt Ion: 43 Resp: 747277
Ion Ratio Lower Upper
43 100
61 33.5 27.9 41.9
87 16.6 13.1 19.7



#44
Trichloroethene
Concen: 152.267 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 130 Resp: 761530
Ion Ratio Lower Upper
130 100
95 92.7 0.0 188.0

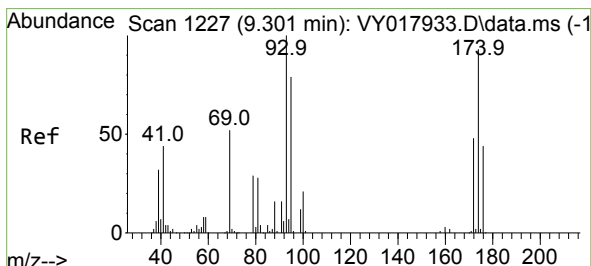
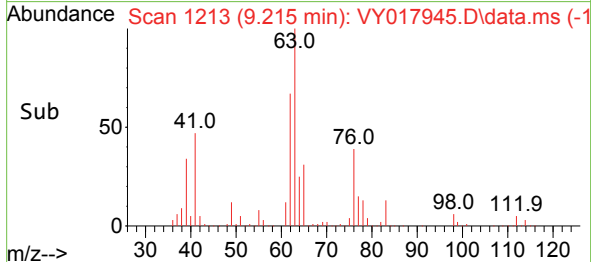
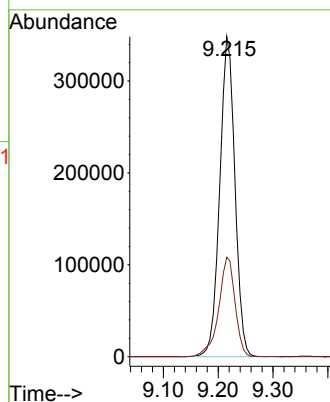
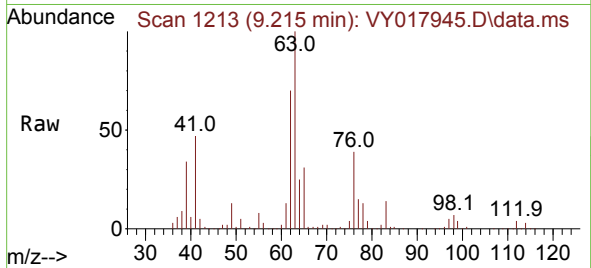




#45
1,2-Dichloropropane
Concen: 148.087 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

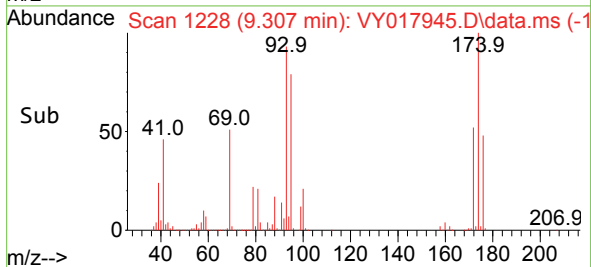
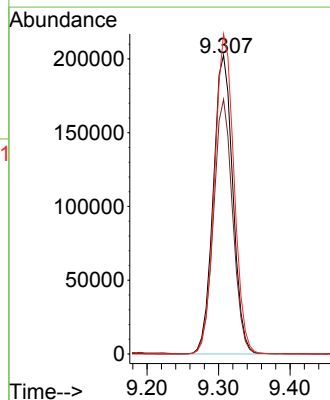
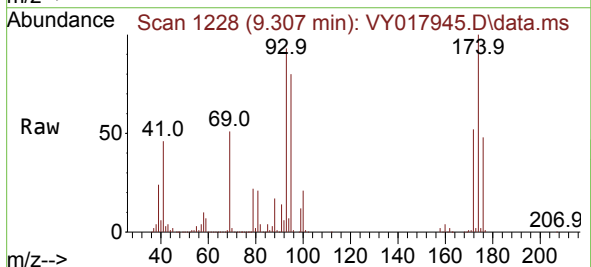
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

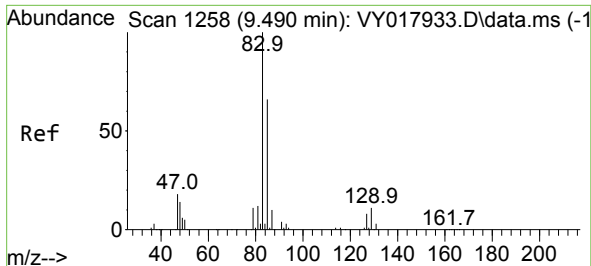
Tgt Ion: 63 Resp: 670902
Ion Ratio Lower Upper
63 100
65 31.0 25.4 38.2



#46
Dibromomethane
Concen: 153.084 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 93 Resp: 383628
Ion Ratio Lower Upper
93 100
95 83.5 66.2 99.4
174 106.5 80.9 121.3

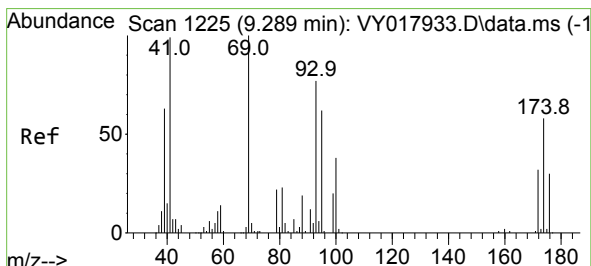
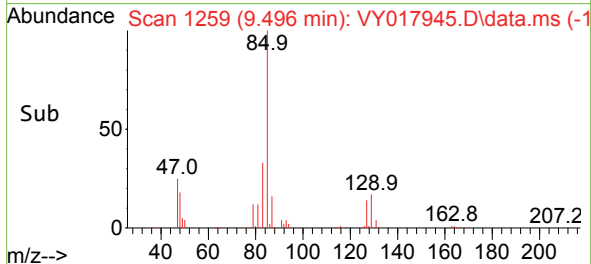
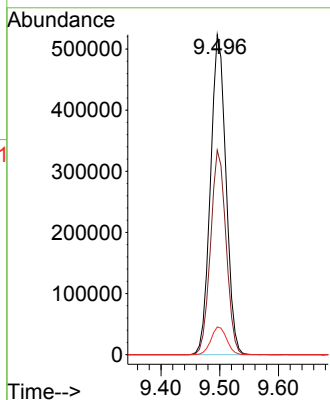
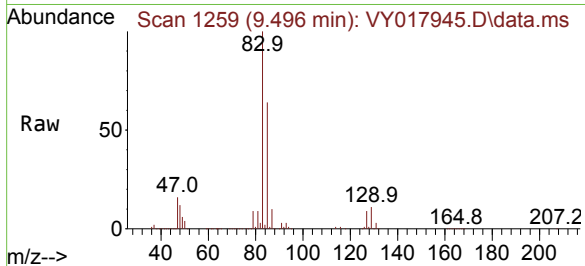




#47
Bromodichloromethane
Concen: 152.175 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

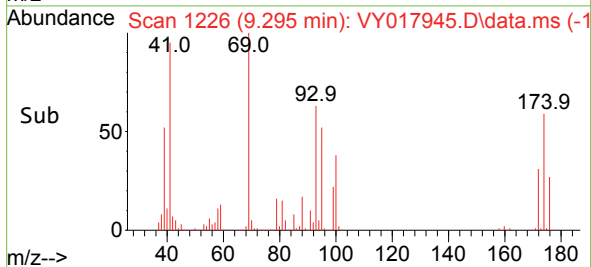
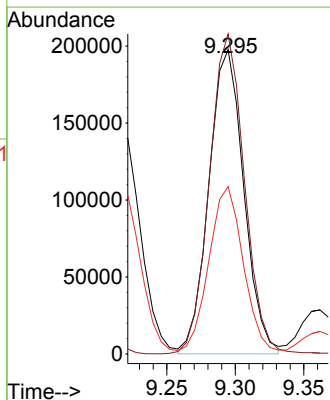
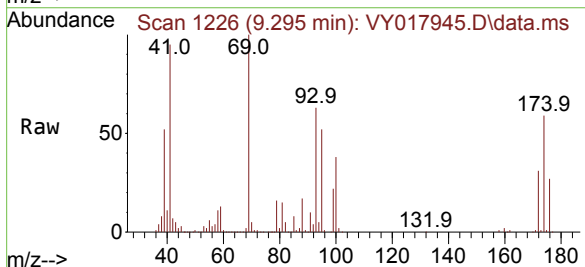
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

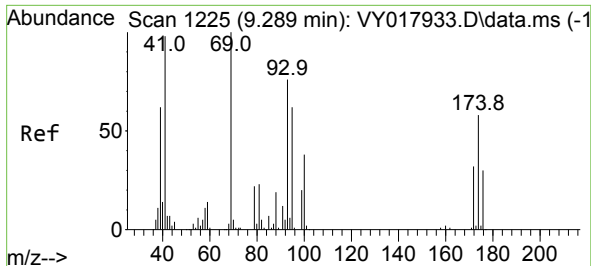
Tgt Ion: 83 Resp: 956745
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 158.474 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 41 Resp: 349926
Ion Ratio Lower Upper
41 100
69 105.5 84.1 126.1
39 52.5 43.6 65.4

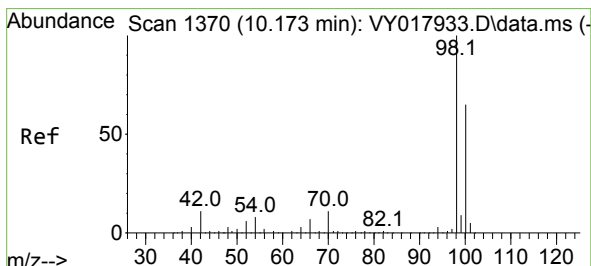
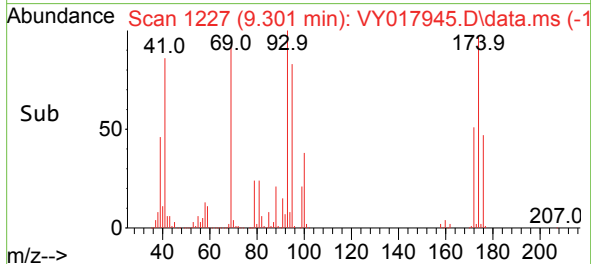
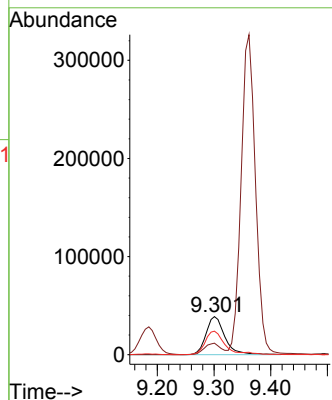
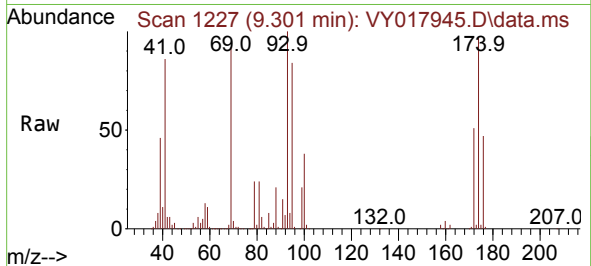




#49
1,4-Dioxane
Concen: 3134.159 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

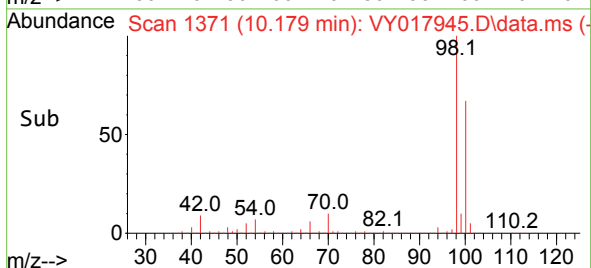
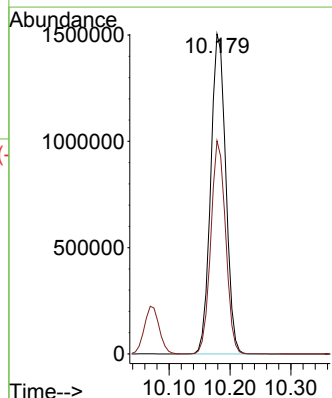
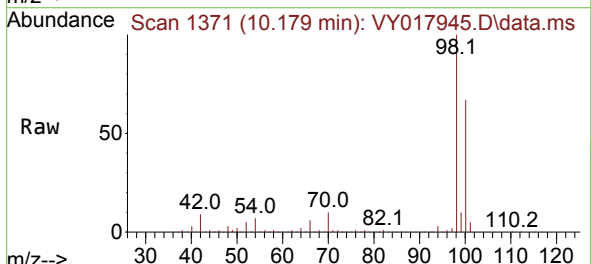
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

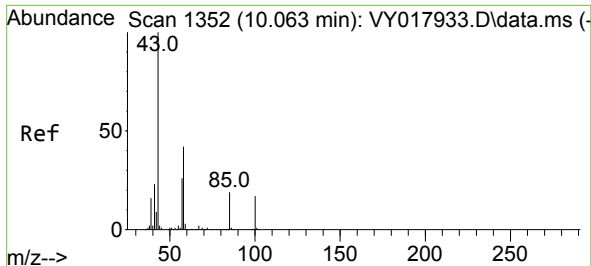
Tgt Ion: 88 Resp: 89663
Ion Ratio Lower Upper
88 100
43 25.3 0.0 0.0#
58 65.7 49.3 73.9



#50
Toluene-d8
Concen: 157.506 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 98 Resp: 2582176
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

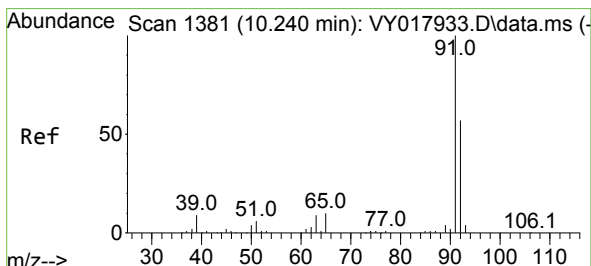
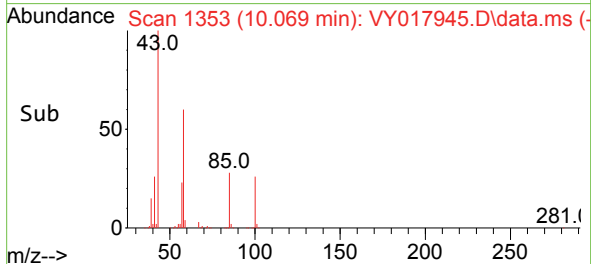
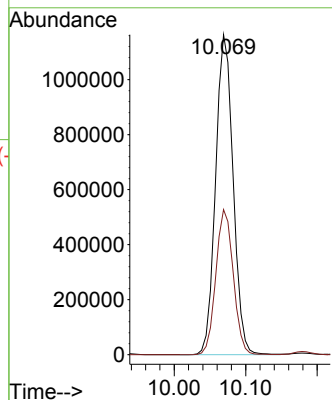
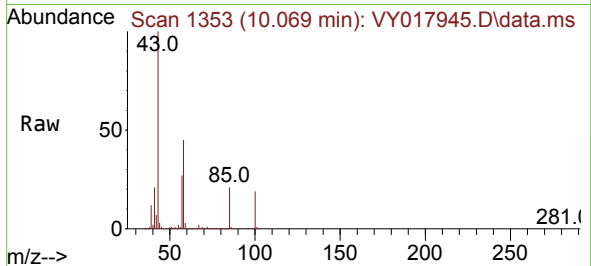




#51
4-Methyl-2-Pentanone
Concen: 774.010 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

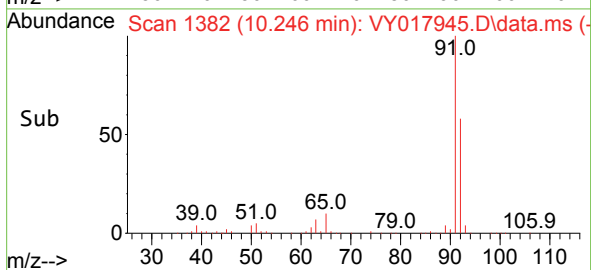
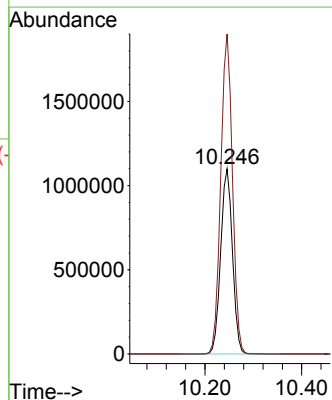
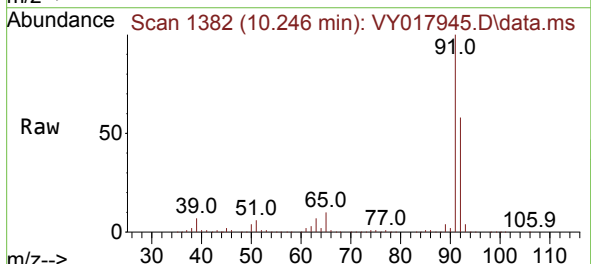
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

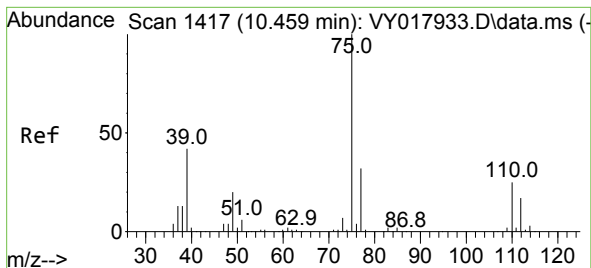
Tgt Ion: 43 Resp: 1977243
Ion Ratio Lower Upper
43 100
58 45.1 35.7 53.5



#52
Toluene
Concen: 152.965 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 92 Resp: 1847364
Ion Ratio Lower Upper
92 100
91 172.2 139.0 208.6

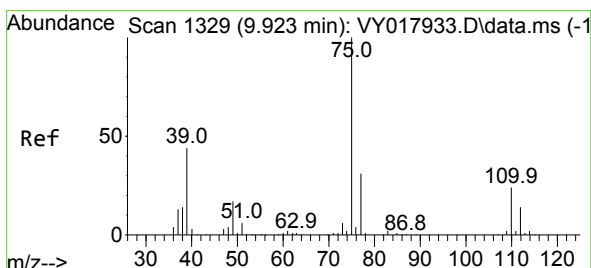
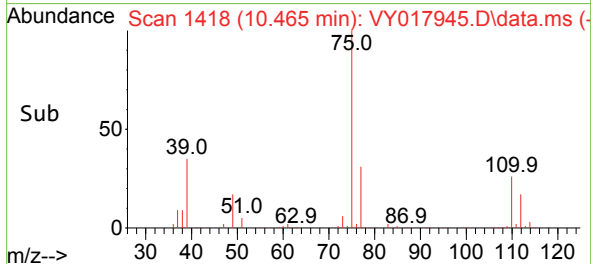
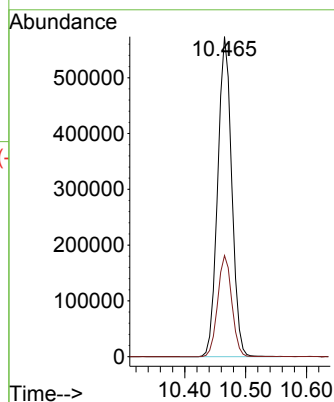
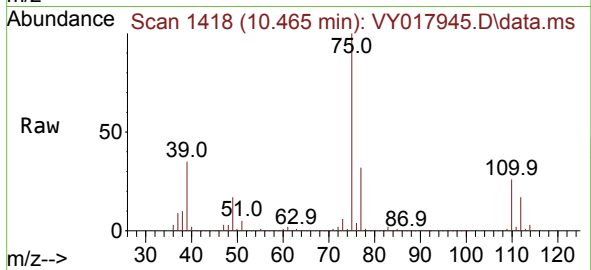




#53
 t-1,3-Dichloropropene
 Concen: 159.492 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY017945.D
 Acq: 16 Apr 2024 13:04

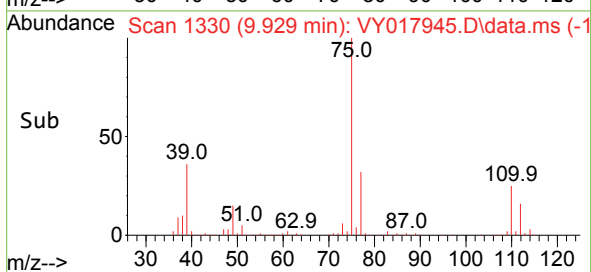
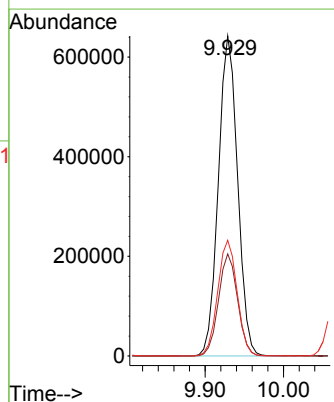
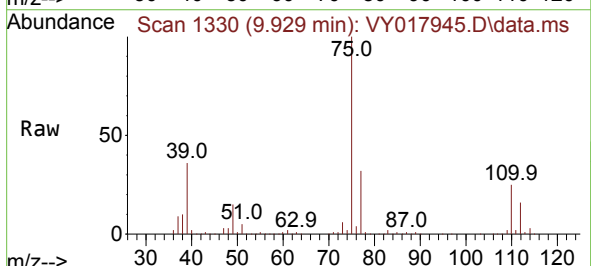
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

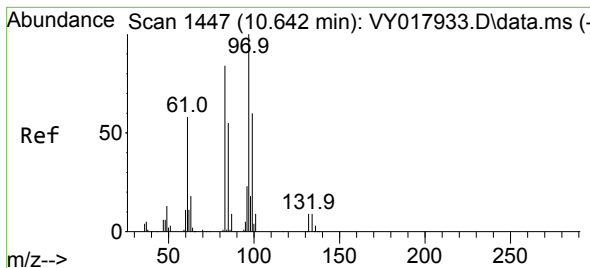
Tgt Ion: 75 Resp: 915438
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 155.589 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY017945.D
 Acq: 16 Apr 2024 13:04

Tgt Ion: 75 Resp: 1097064
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 36.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 152.110 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 518175

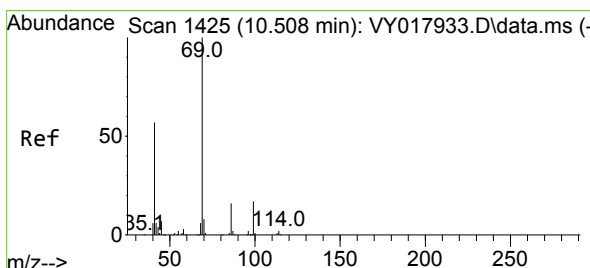
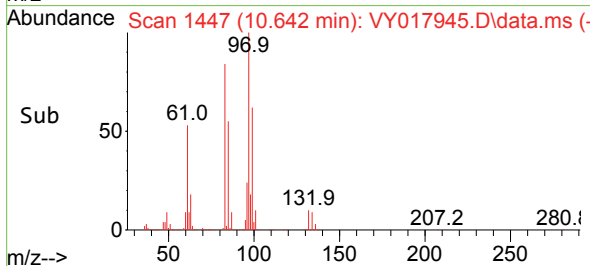
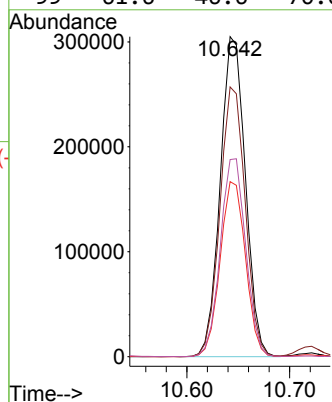
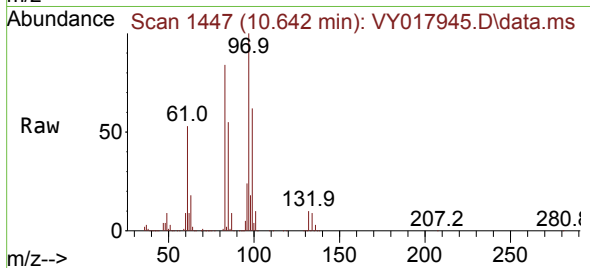
Ion Ratio Lower Upper

97 100

83 84.3 67.5 101.3

85 54.7 42.9 64.3

99 61.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 166.348 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

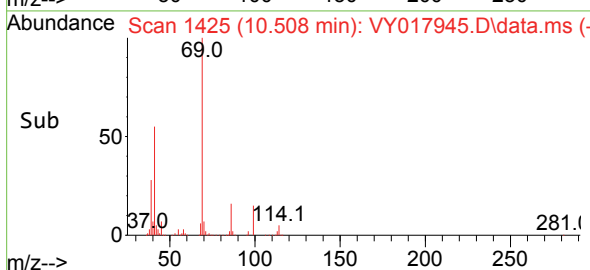
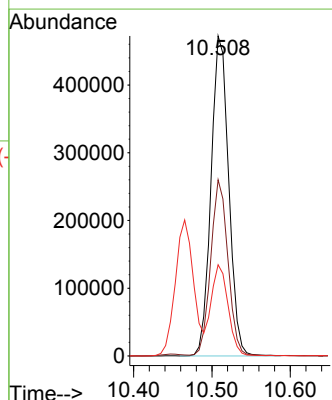
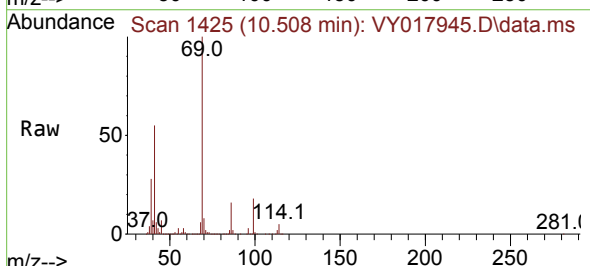
Tgt Ion: 69 Resp: 738767

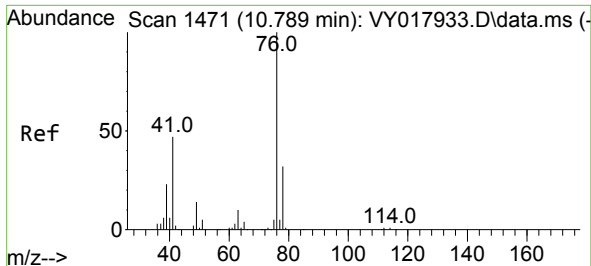
Ion Ratio Lower Upper

69 100

41 53.7 42.3 63.5

39 27.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 151.087 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

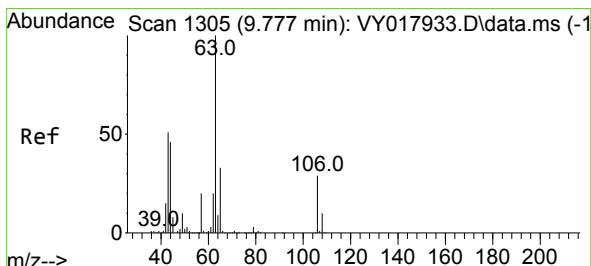
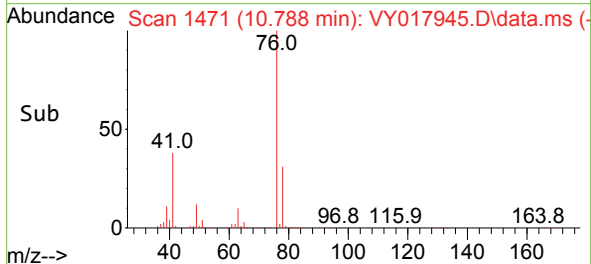
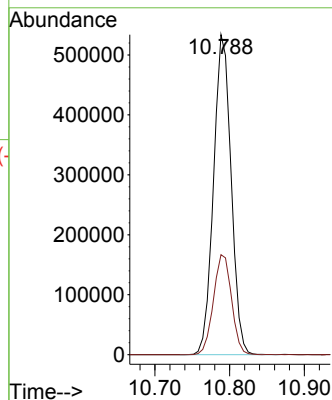
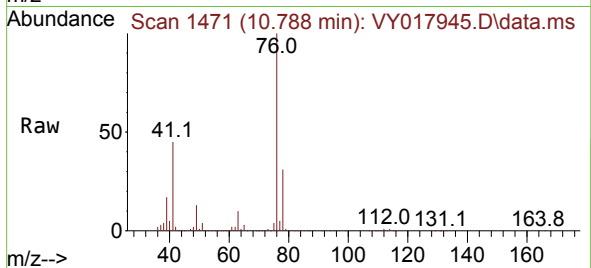
VSTDIC150

Tgt Ion: 76 Resp: 871529

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 810.690 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY017945.D

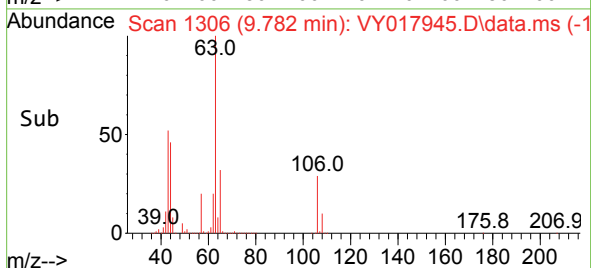
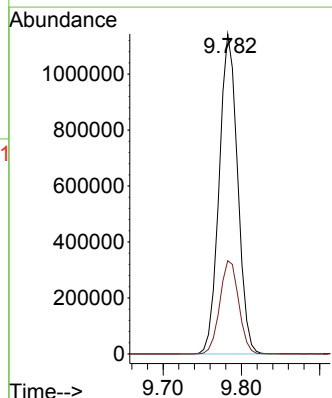
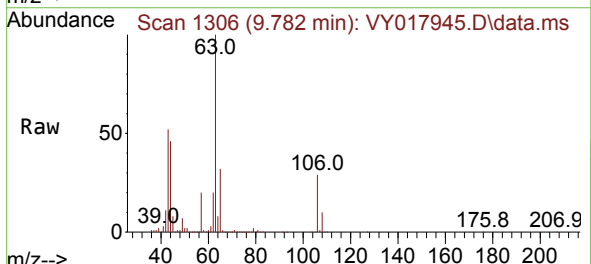
Acq: 16 Apr 2024 13:04

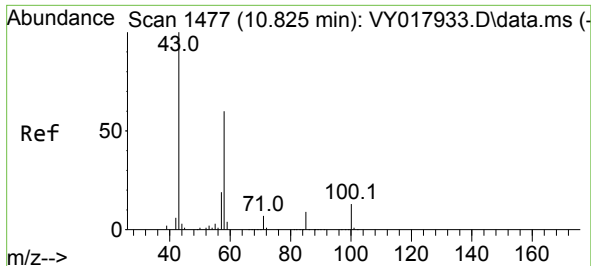
Tgt Ion: 63 Resp: 1871475

Ion Ratio Lower Upper

63 100

106 29.9 23.7 35.5

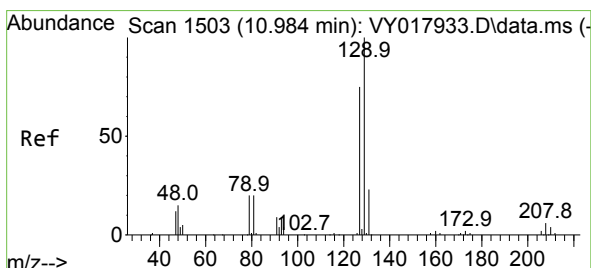
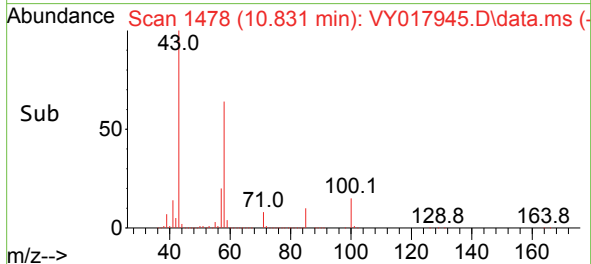
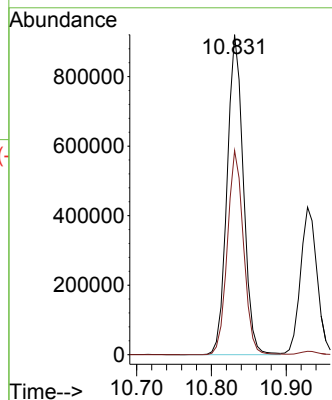
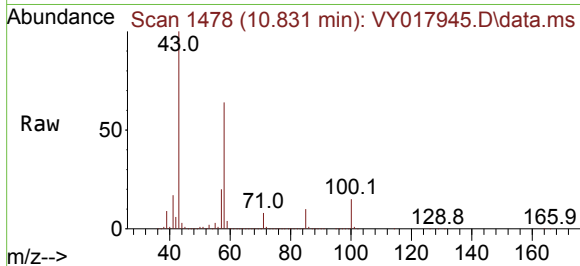




#59
2-Hexanone
Concen: 798.975 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

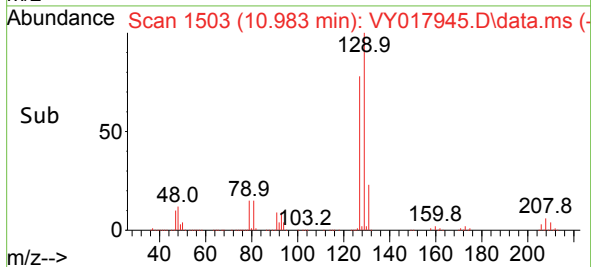
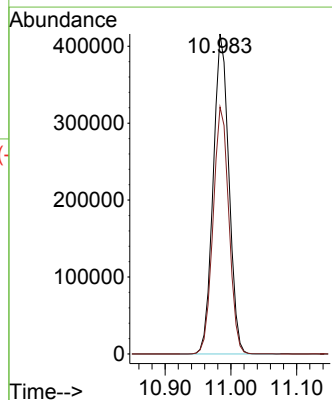
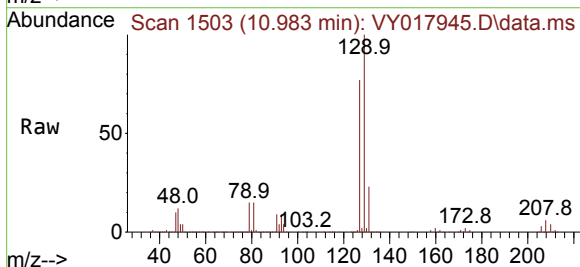
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

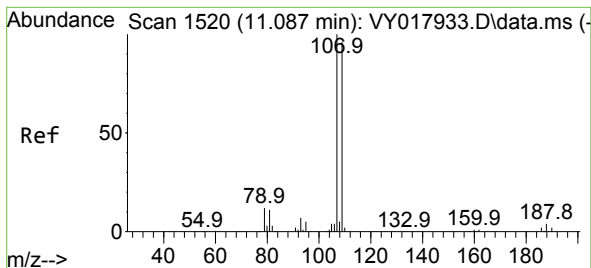
Tgt Ion: 43 Resp: 1393264
Ion Ratio Lower Upper
43 100
58 63.5 31.4 94.0



#60
Dibromochloromethane
Concen: 157.805 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 129 Resp: 690896
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 155.720 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

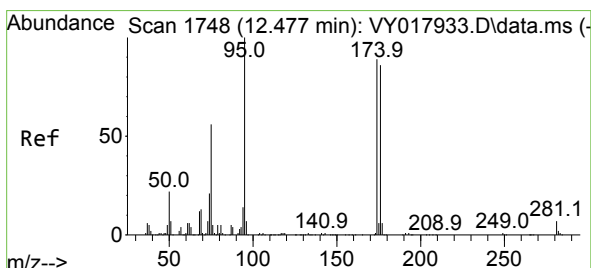
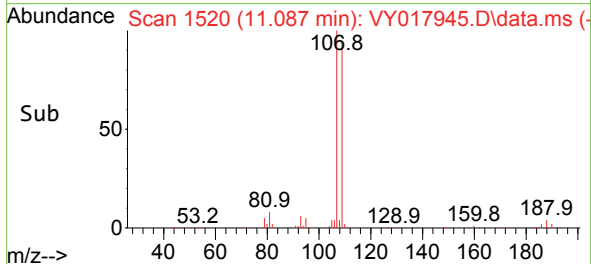
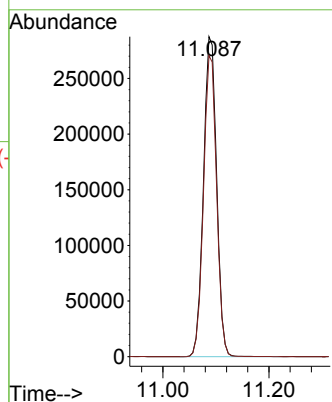
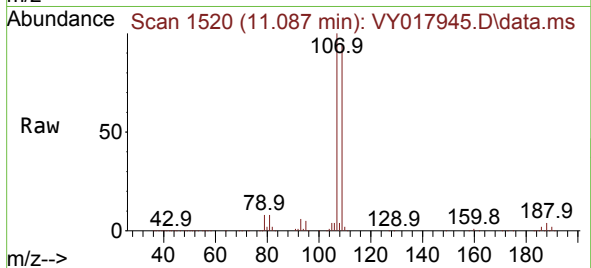
VSTDIC150

Tgt Ion:107 Resp: 494379

Ion Ratio Lower Upper

107 100

109 93.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 159.532 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

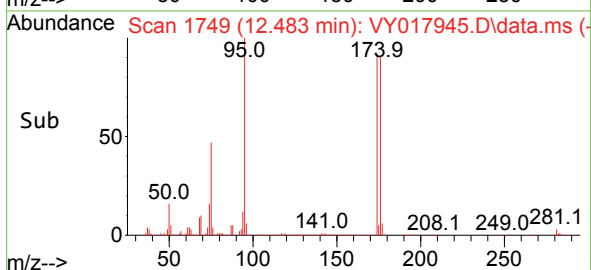
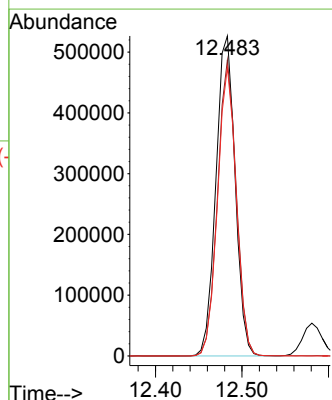
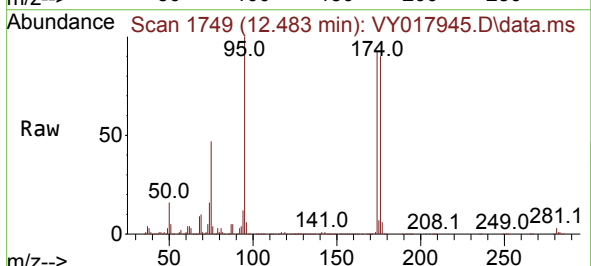
Tgt Ion: 95 Resp: 809991

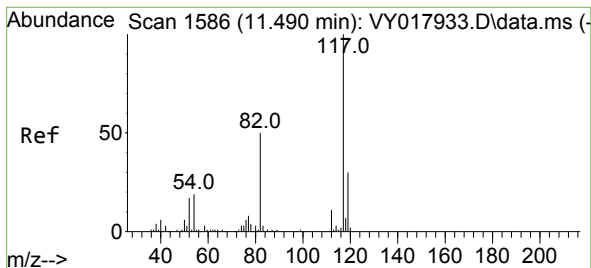
Ion Ratio Lower Upper

95 100

174 90.5 0.0 175.6

176 88.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

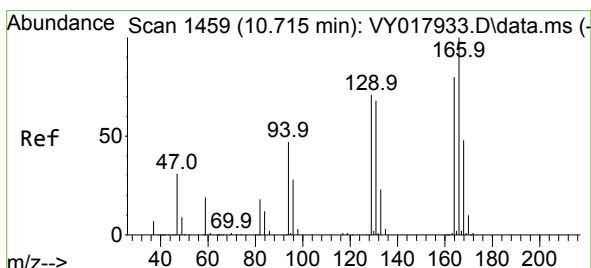
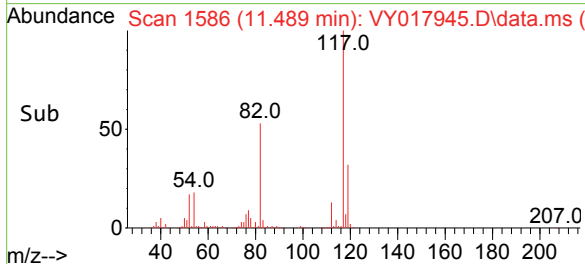
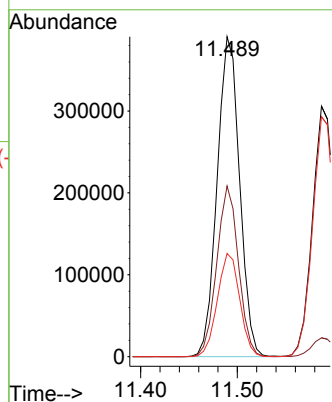
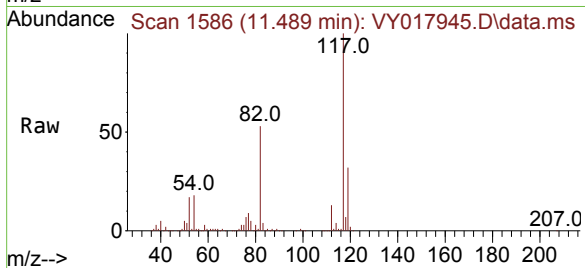
Tgt Ion:117 Resp: 628864

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 152.109 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Tgt Ion:164 Resp: 685235

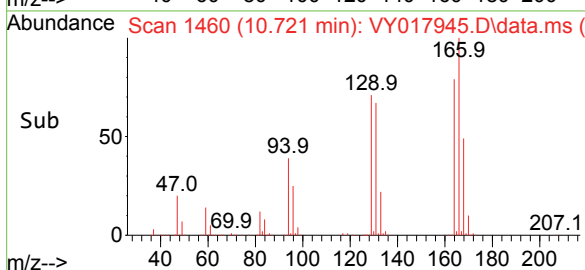
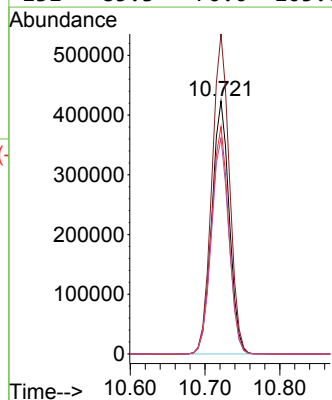
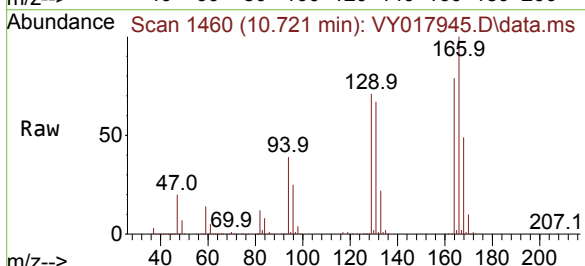
Ion Ratio Lower Upper

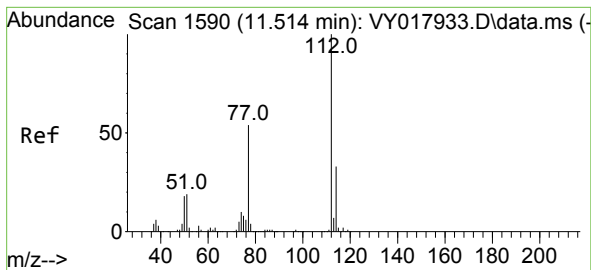
164 100

166 126.5 102.6 154.0

129 89.9 72.0 108.0

131 85.3 70.0 105.0

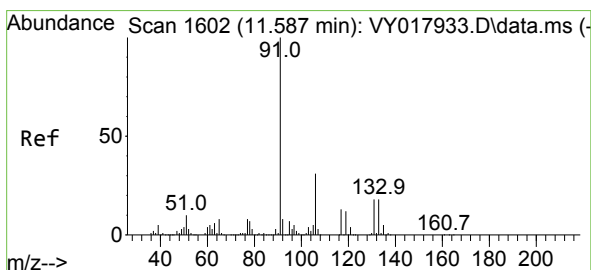
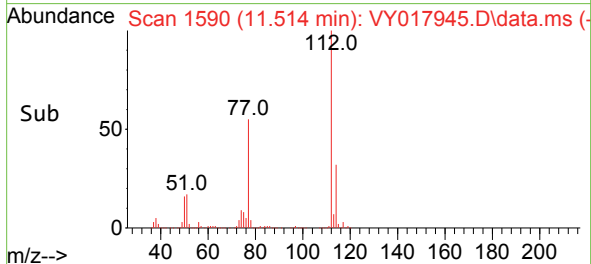
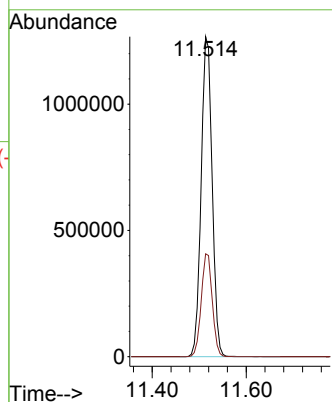
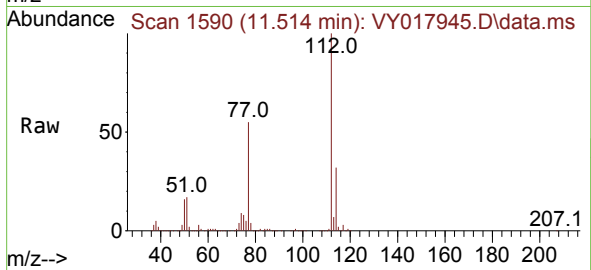




#65
Chlorobenzene
Concen: 149.265 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

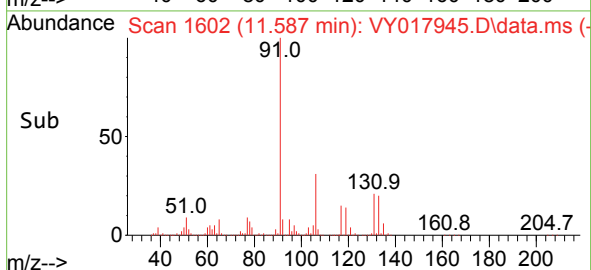
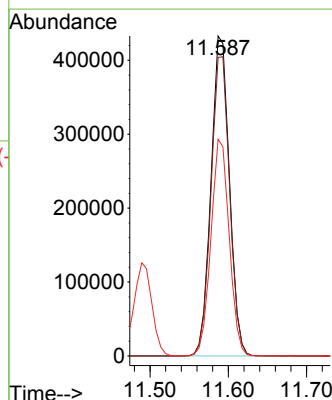
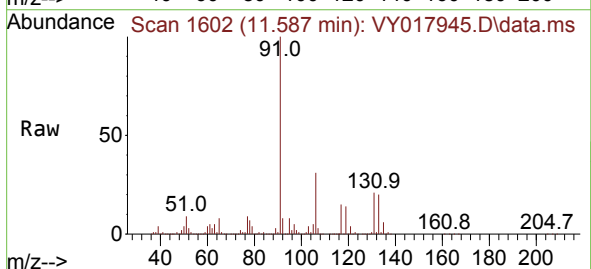
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

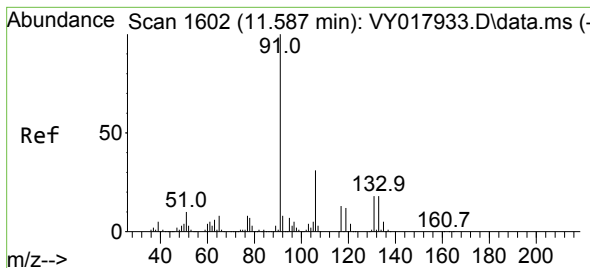
Tgt Ion:112 Resp: 2057253
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 155.253 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion:131 Resp: 705577
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 153.780 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

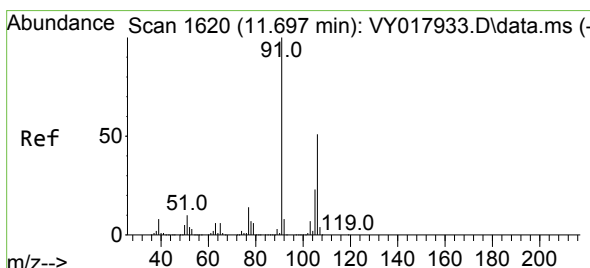
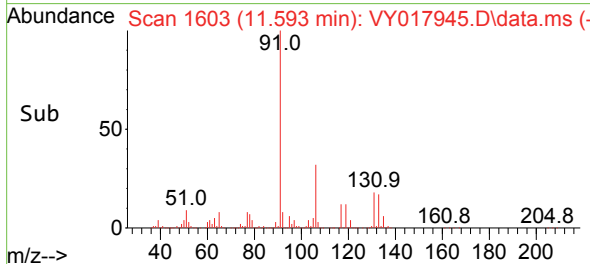
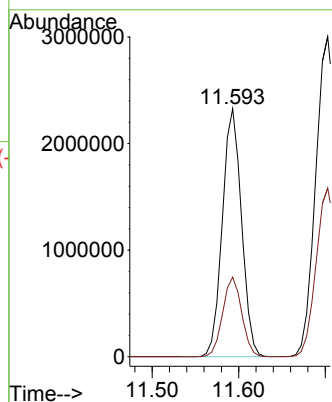
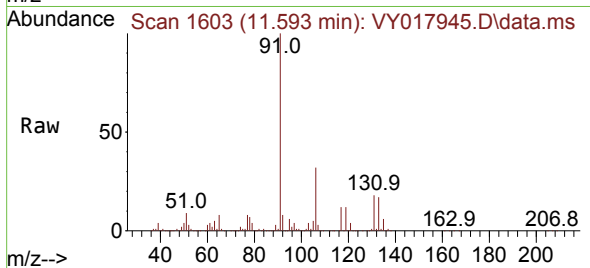
VSTDICC150

Tgt Ion: 91 Resp: 3568747

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 308.255 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY017945.D

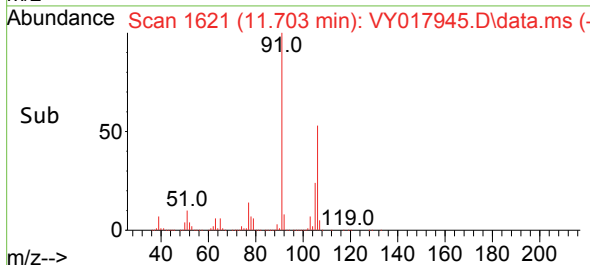
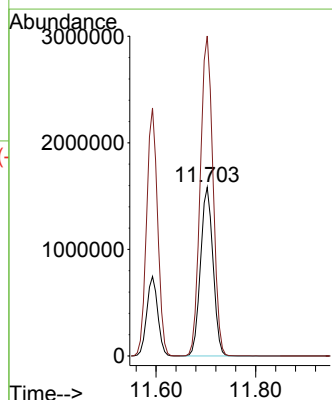
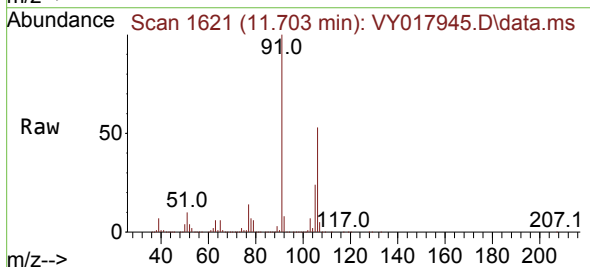
Acq: 16 Apr 2024 13:04

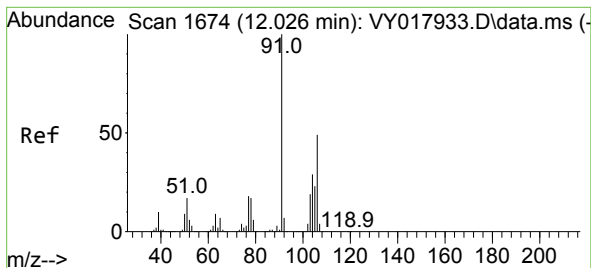
Tgt Ion:106 Resp: 2747557

Ion Ratio Lower Upper

106 100

91 193.1 156.0 234.0





#69

o-Xylene

Concen: 158.458 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

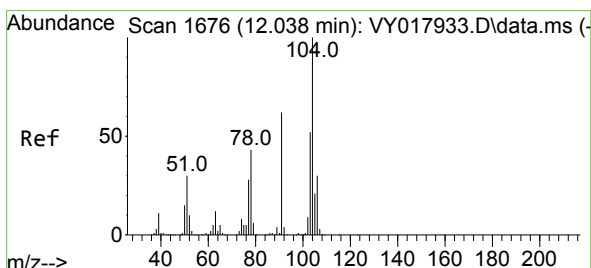
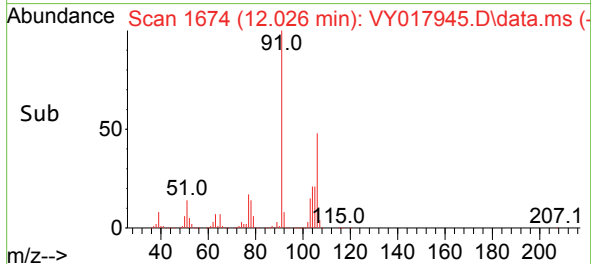
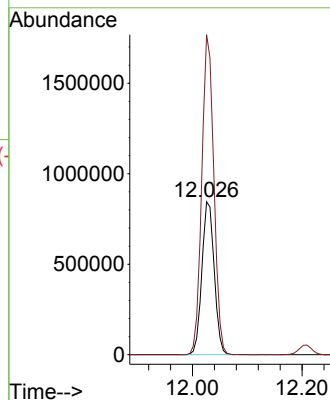
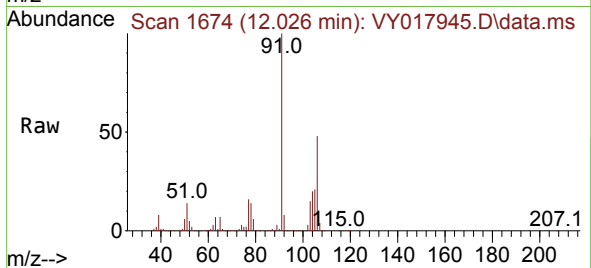
VSTDIC150

Tgt Ion:106 Resp: 1318957

Ion Ratio Lower Upper

106 100

91 205.5 103.6 310.8



#70

Styrene

Concen: 159.815 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

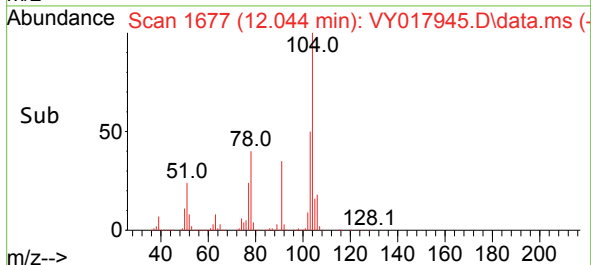
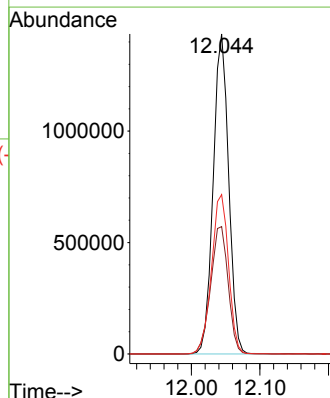
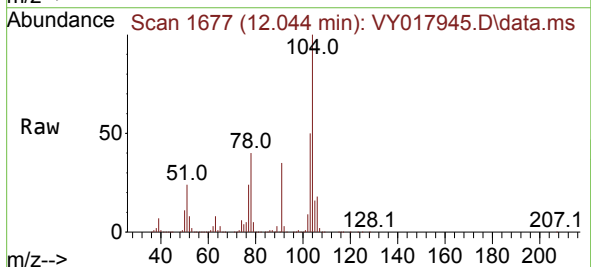
Tgt Ion:104 Resp: 2248321

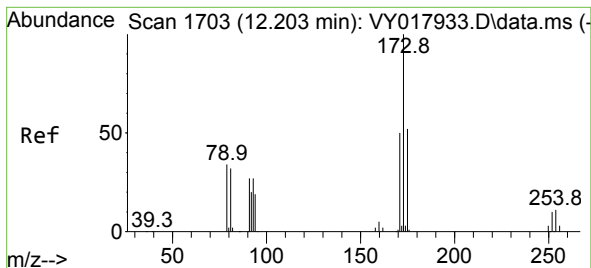
Ion Ratio Lower Upper

104 100

78 45.2 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 153.468 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

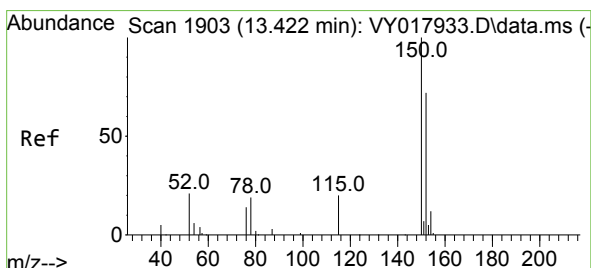
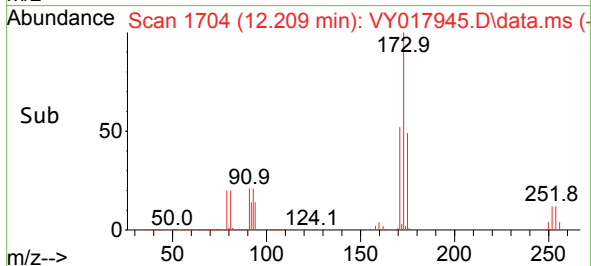
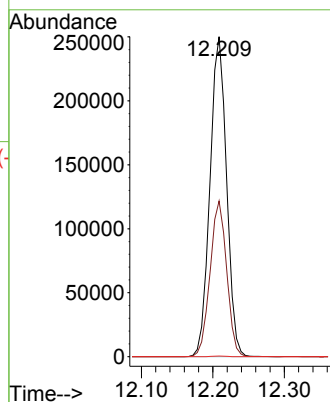
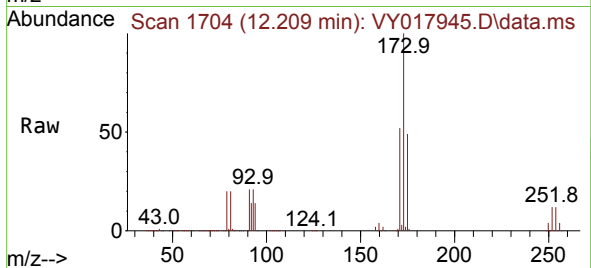
Tgt Ion:173 Resp: 402975

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

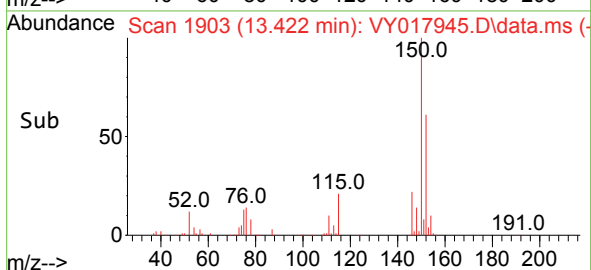
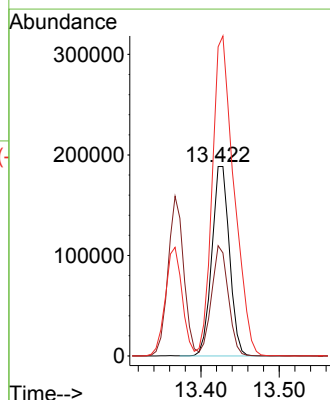
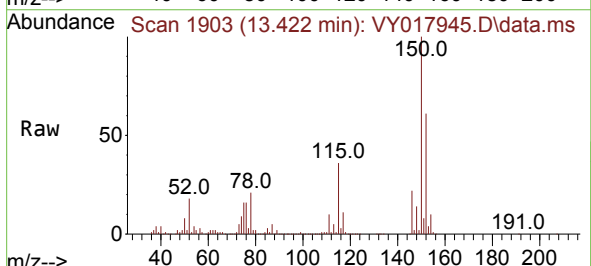
Tgt Ion:152 Resp: 293754

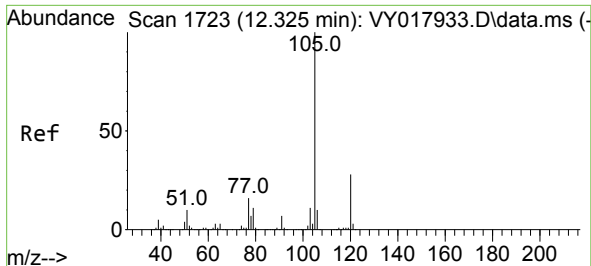
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 209.2 0.0 345.6

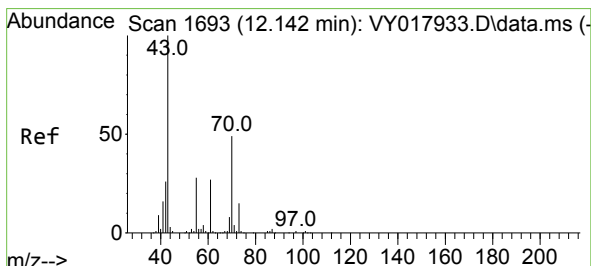
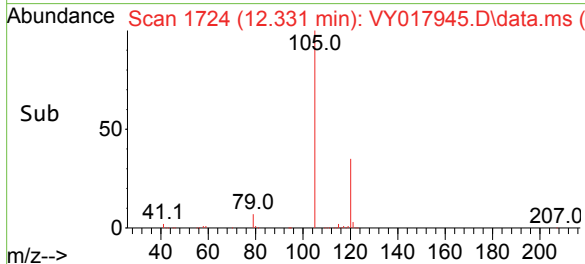
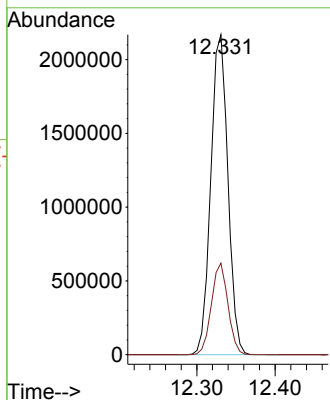
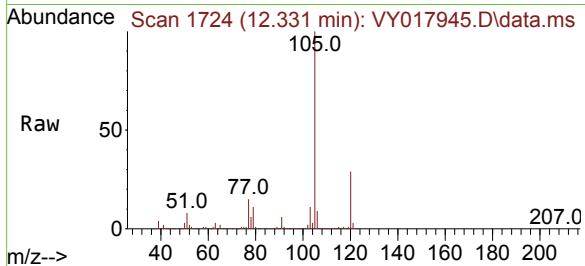




#73
Isopropylbenzene
Concen: 153.531 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

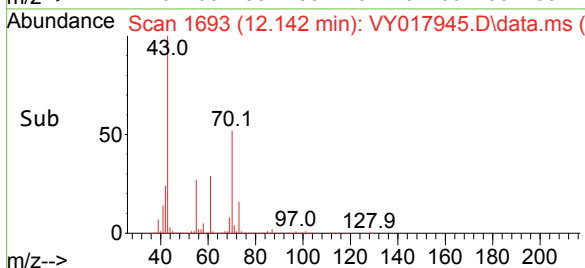
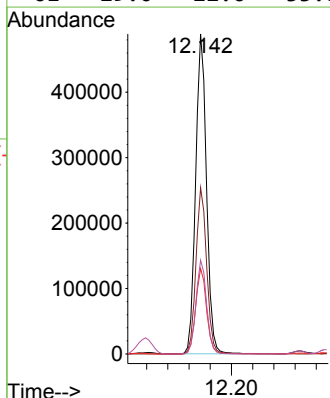
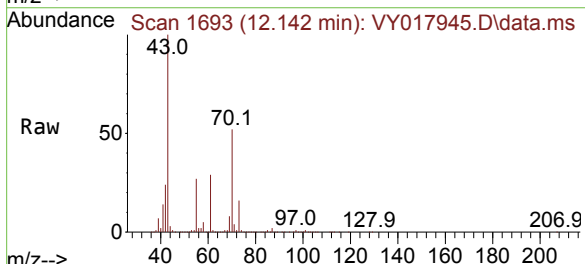
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

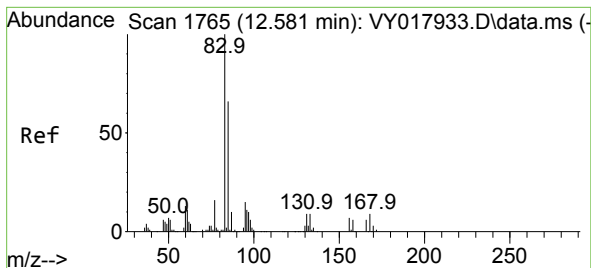
Tgt Ion:105 Resp: 3286287
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 160.722 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 43 Resp: 694458
Ion Ratio Lower Upper
43 100
70 51.7 41.4 62.2
55 26.9 23.3 34.9
61 29.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 145.458 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

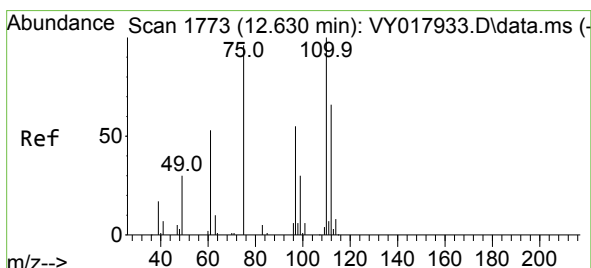
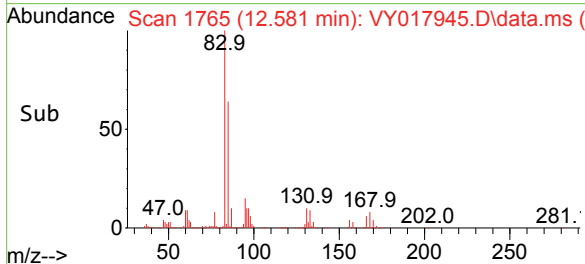
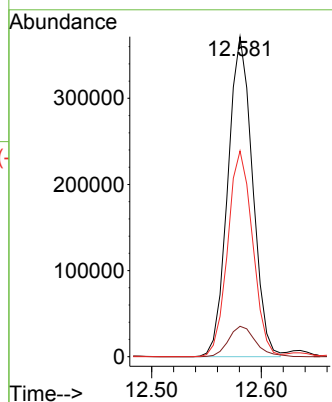
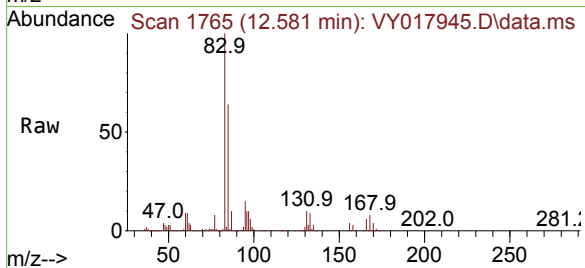
Tgt Ion: 83 Resp: 580677

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 261.584 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY017945.D

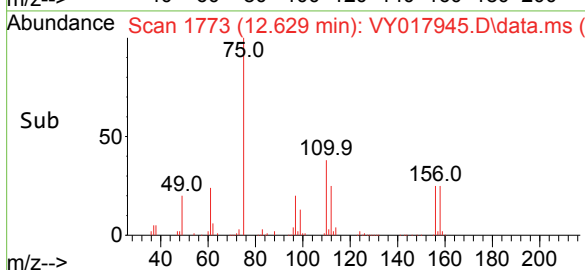
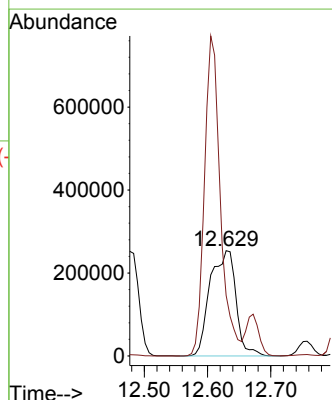
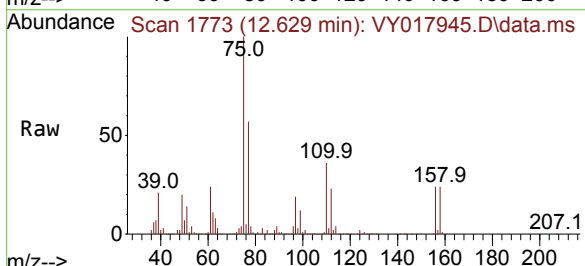
Acq: 16 Apr 2024 13:04

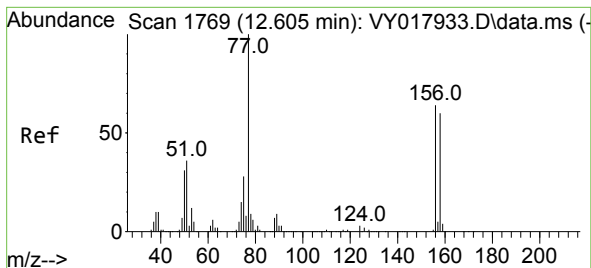
Tgt Ion: 75 Resp: 719256

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 155.984 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

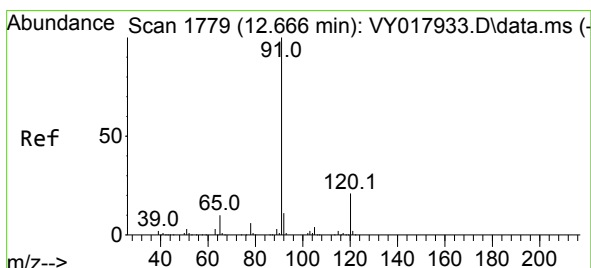
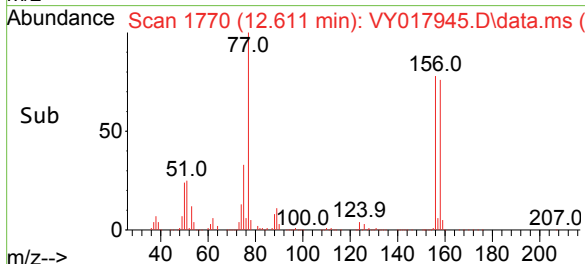
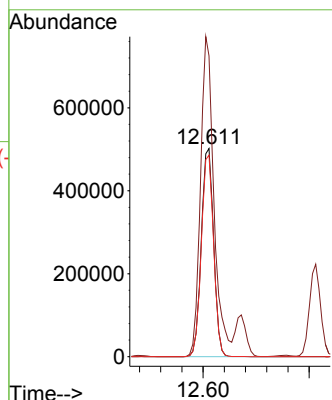
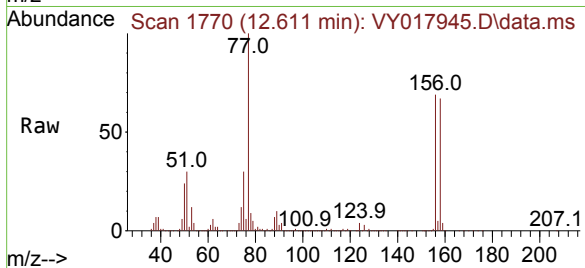
Tgt Ion:156 Resp: 807985

Ion Ratio Lower Upper

156 100

77 168.0 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 150.224 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017945.D

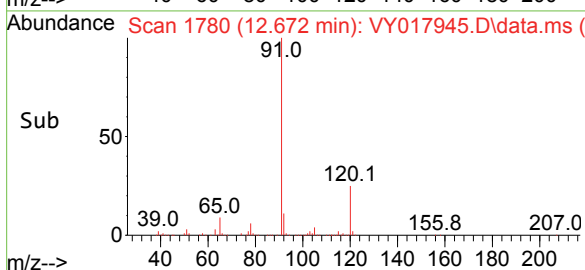
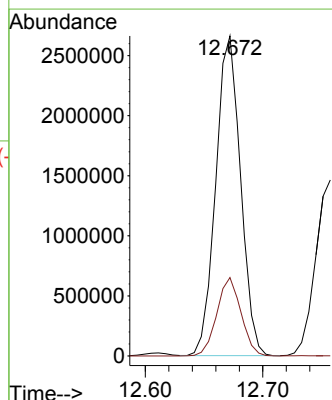
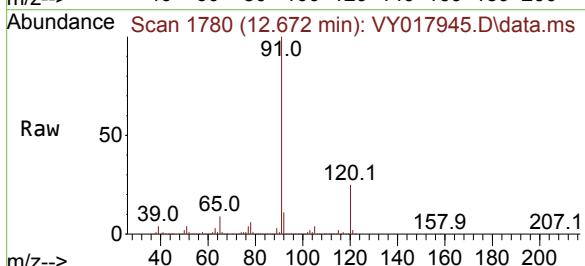
Acq: 16 Apr 2024 13:04

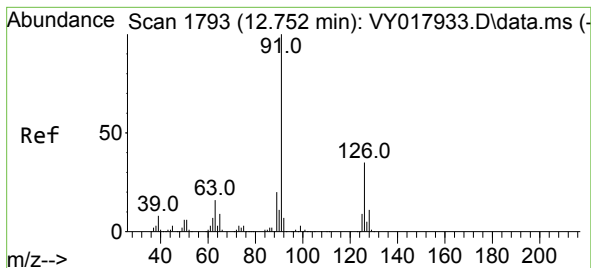
Tgt Ion: 91 Resp: 3901371

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

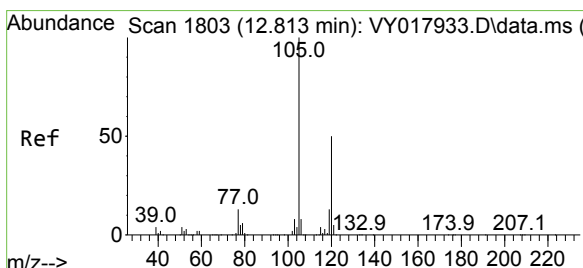
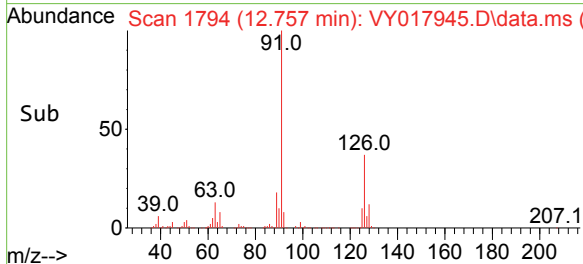
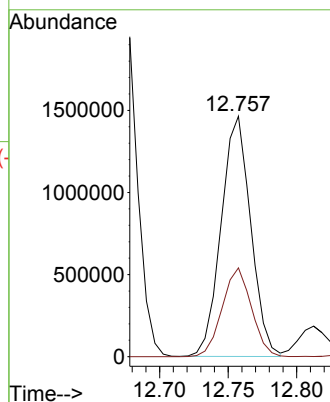
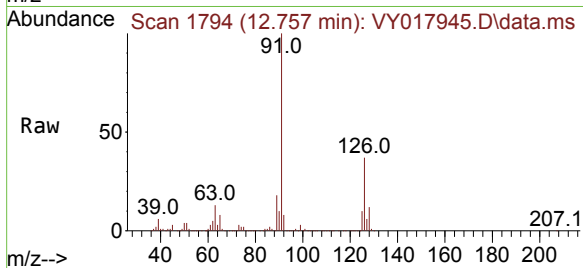




#79
2-Chlorotoluene
Concen: 151.301 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

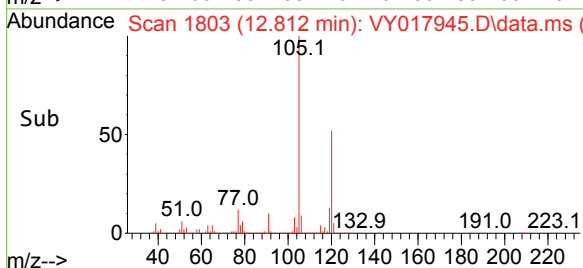
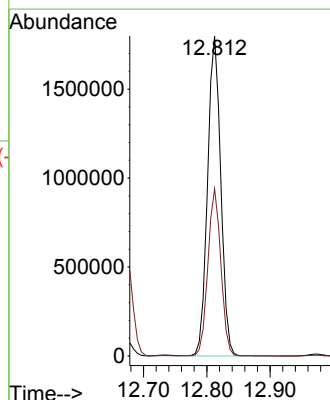
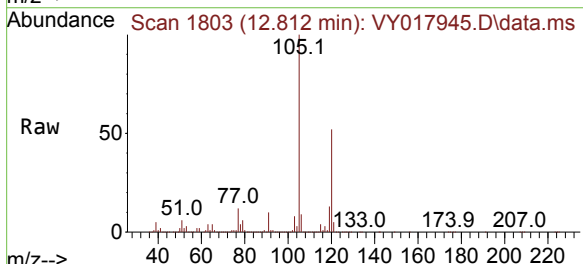
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

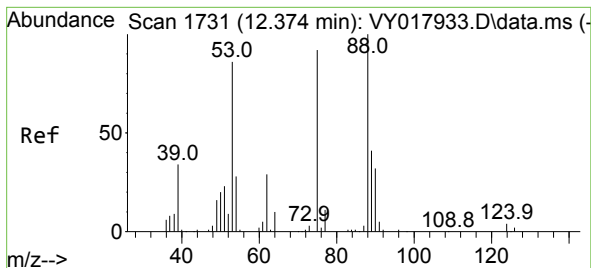
Tgt Ion: 91 Resp: 2199356
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 153.803 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 105 Resp: 2610426
Ion Ratio Lower Upper
105 100
120 51.4 25.1 75.2

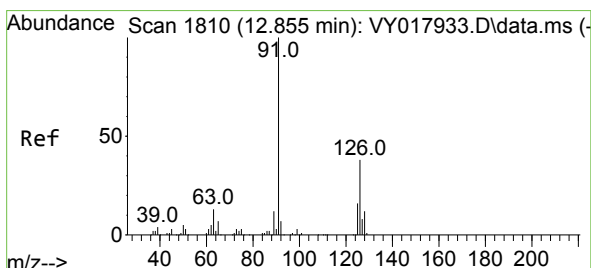
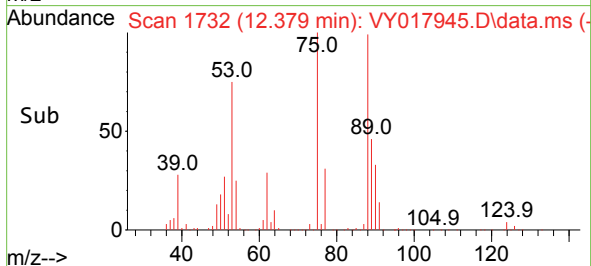
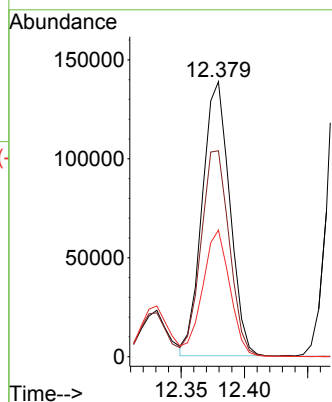
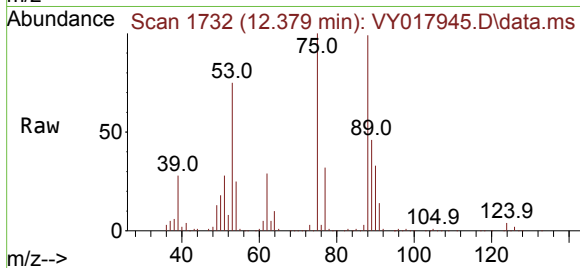




#81
trans-1,4-Dichloro-2-butene
Concen: 157.002 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

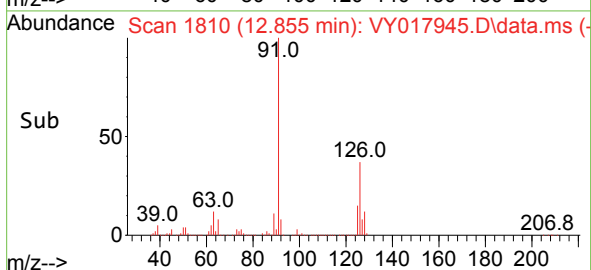
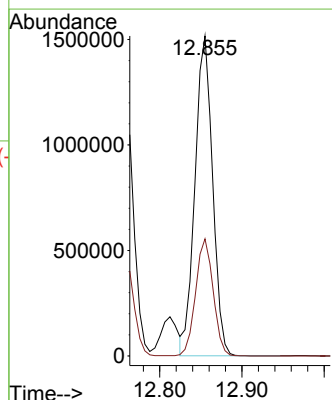
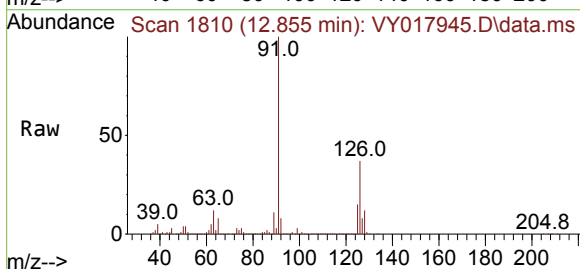
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

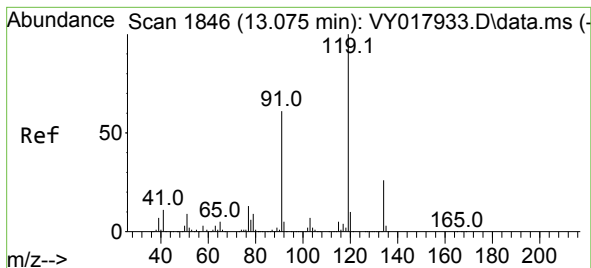
Tgt Ion: 75 Resp: 209903
Ion Ratio Lower Upper
75 100
53 77.6 66.8 100.2
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 149.602 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion: 91 Resp: 2252253
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 156.763 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

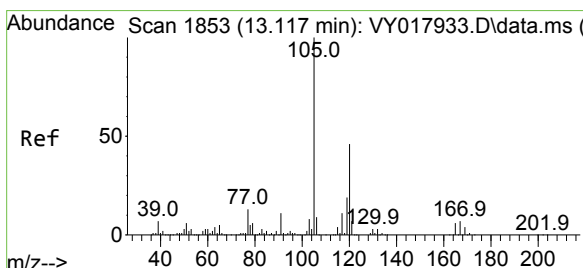
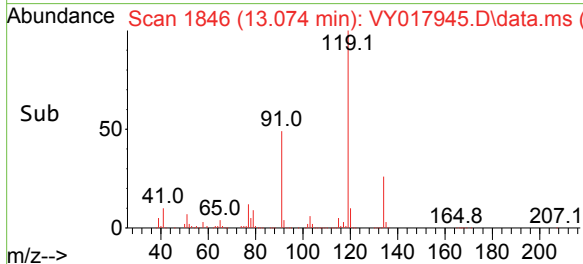
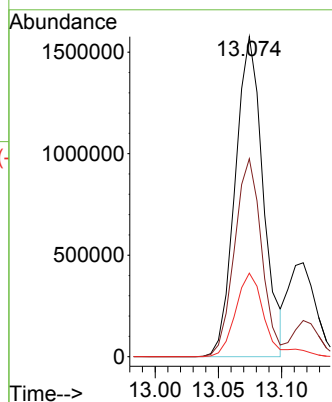
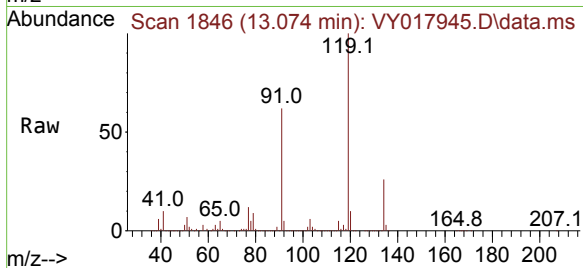
Tgt Ion:119 Resp: 2430106

Ion Ratio Lower Upper

119 100

91 59.9 31.3 93.8

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 156.445 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY017945.D

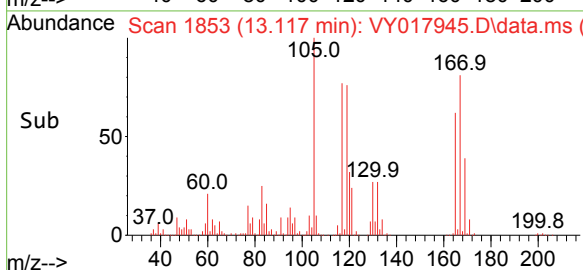
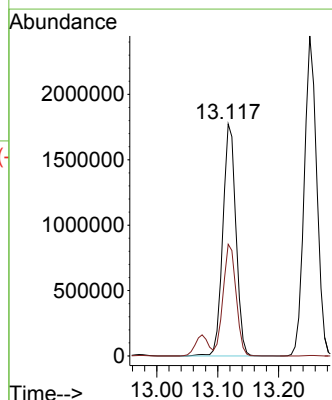
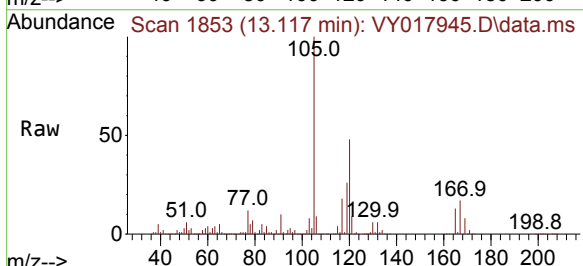
Acq: 16 Apr 2024 13:04

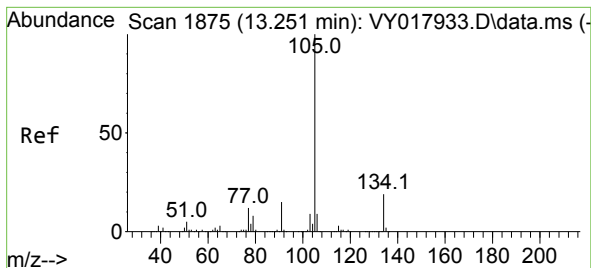
Tgt Ion:105 Resp: 2644273

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 149.619 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

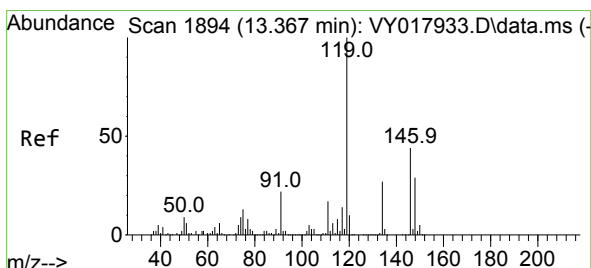
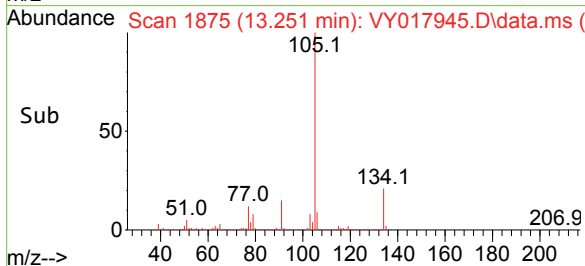
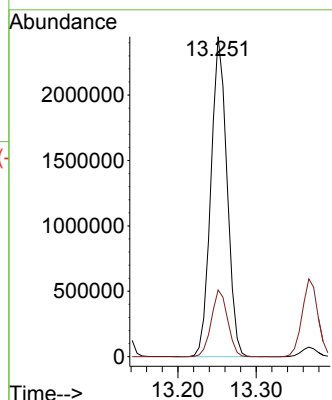
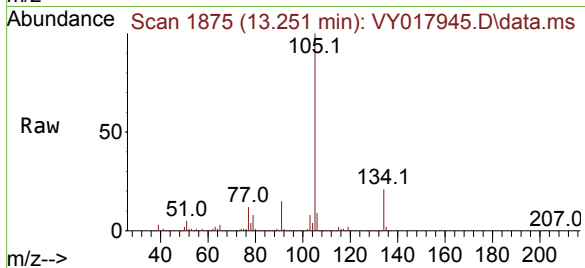
VSTDIC150

Tgt Ion:105 Resp: 3483715

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 157.029 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

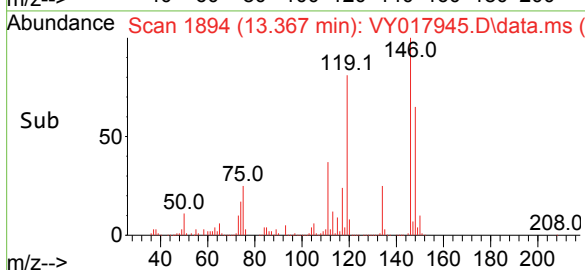
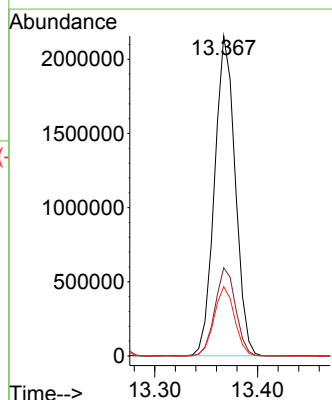
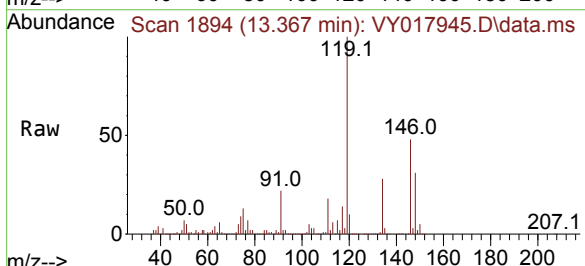
Tgt Ion:119 Resp: 3004361

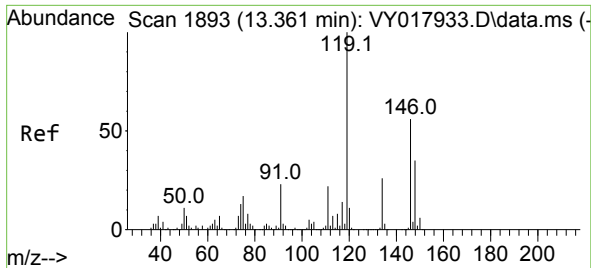
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

91 21.4 10.7 32.1

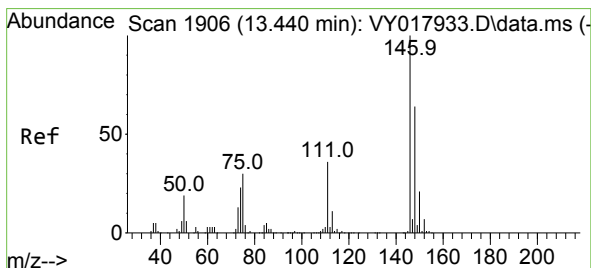
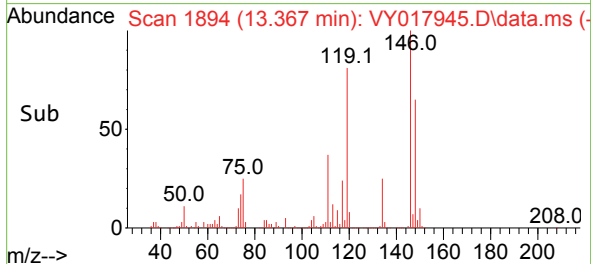
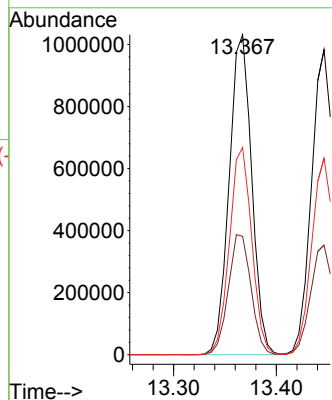
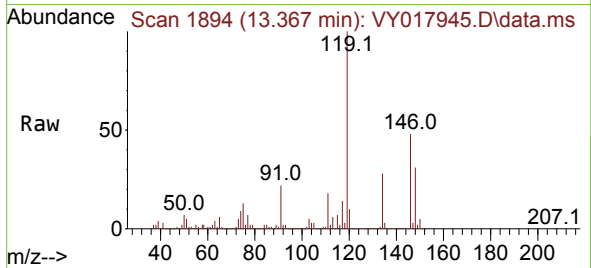




#87
1,3-Dichlorobenzene
Concen: 153.113 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

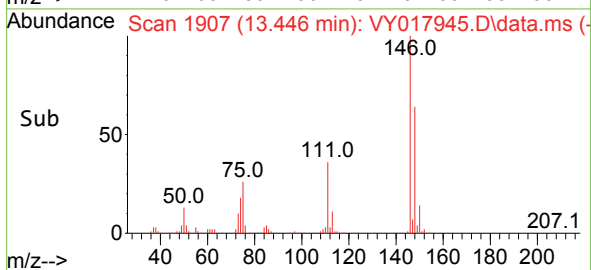
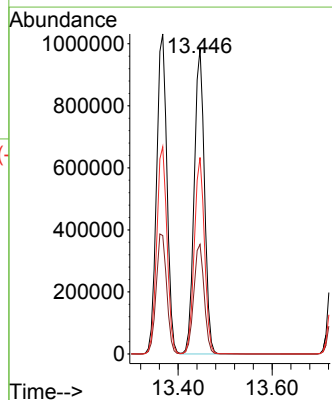
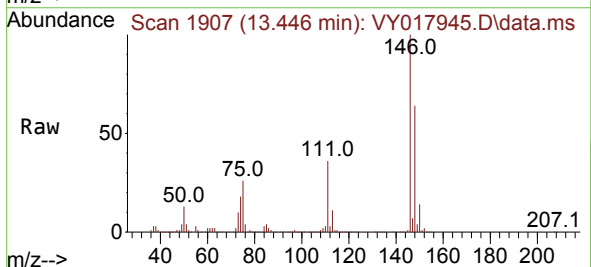
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

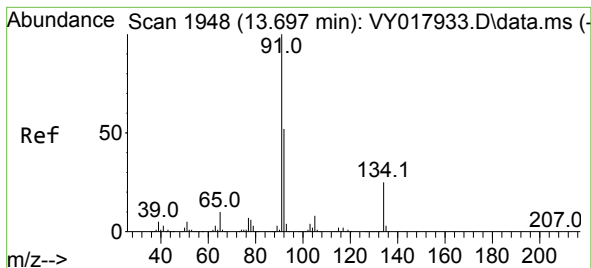
Tgt Ion:146 Resp: 1573617
Ion Ratio Lower Upper
146 100
111 37.8 19.0 57.0
148 64.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 148.974 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY017945.D
Acq: 16 Apr 2024 13:04

Tgt Ion:146 Resp: 1503026
Ion Ratio Lower Upper
146 100
111 36.2 18.4 55.4
148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 151.692 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

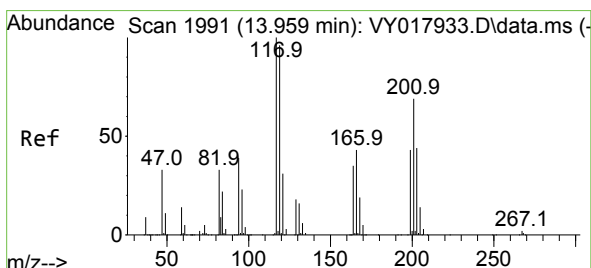
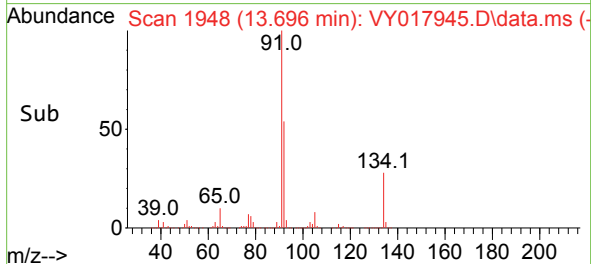
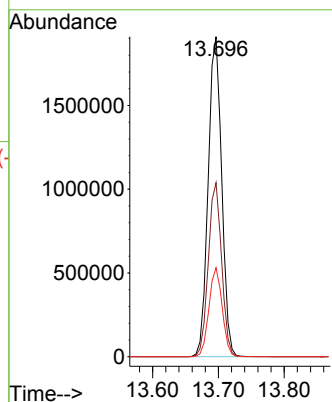
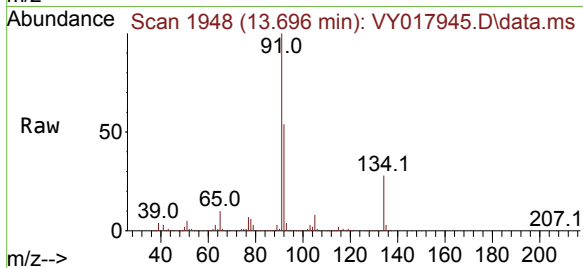
Tgt Ion: 91 Resp: 2730390

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 27.2 12.9 38.7



#90

Hexachloroethane

Concen: 152.158 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY017945.D

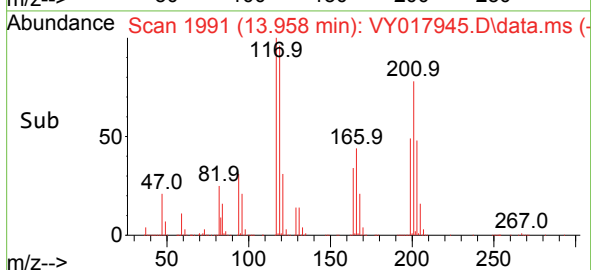
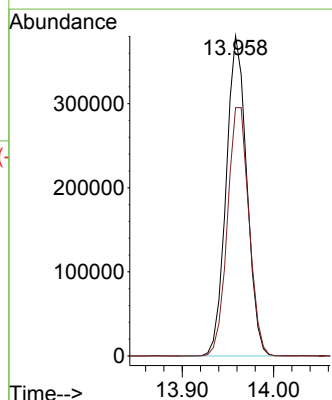
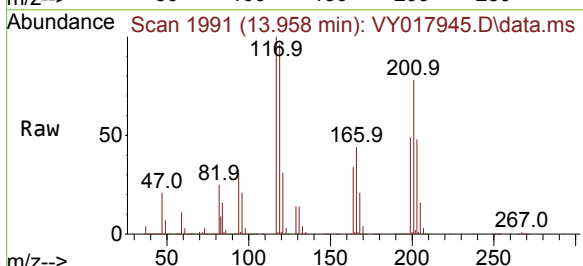
Acq: 16 Apr 2024 13:04

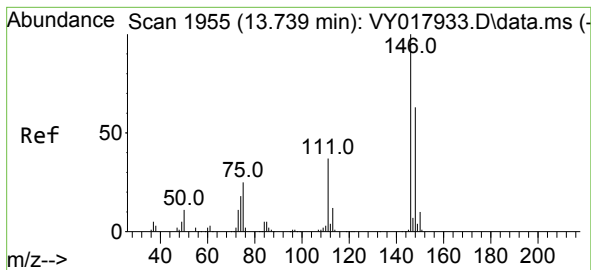
Tgt Ion: 117 Resp: 596947

Ion Ratio Lower Upper

117 100

201 81.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 150.606 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

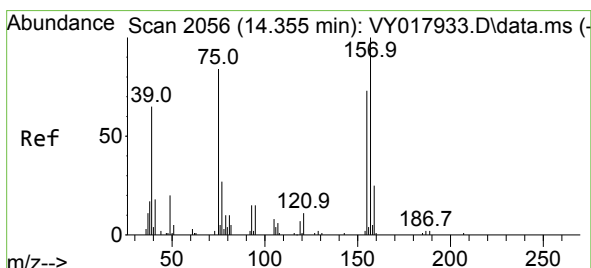
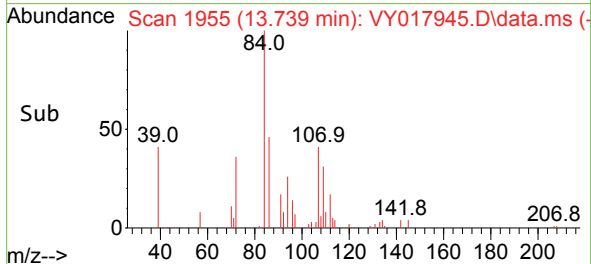
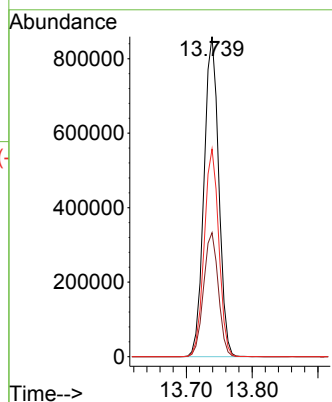
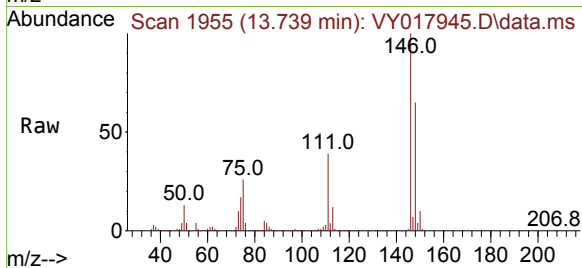
Tgt Ion:146 Resp: 1335373

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 64.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 148.727 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

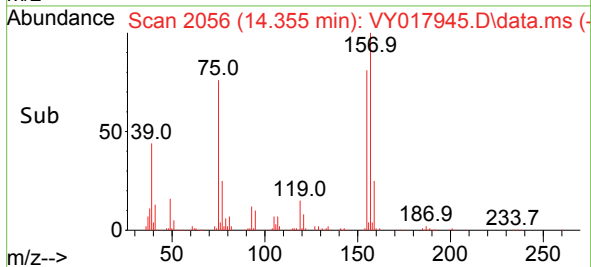
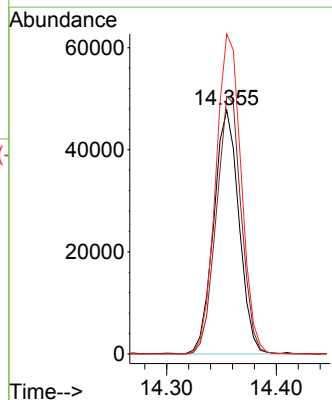
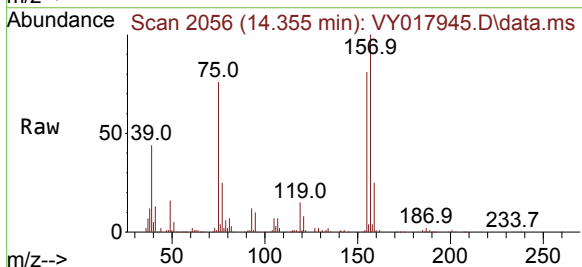
Tgt Ion: 75 Resp: 76370

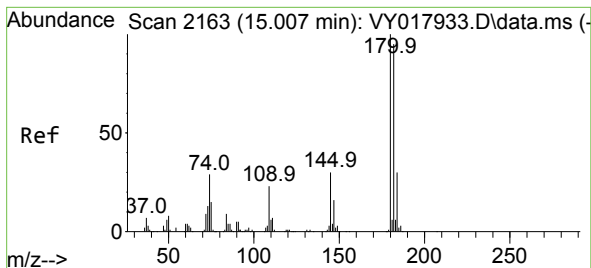
Ion Ratio Lower Upper

75 100

155 104.2 48.6 145.8

157 132.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 162.977 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

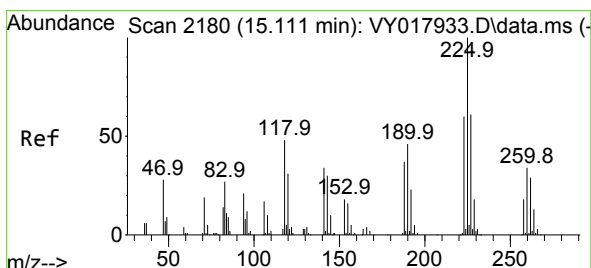
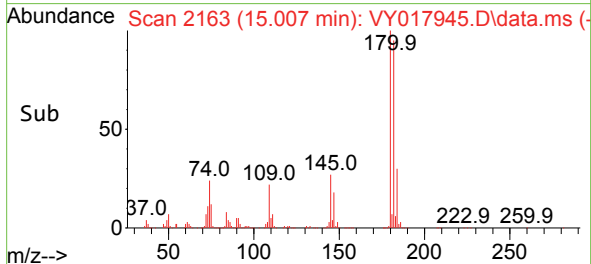
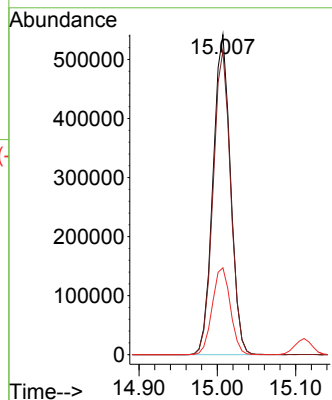
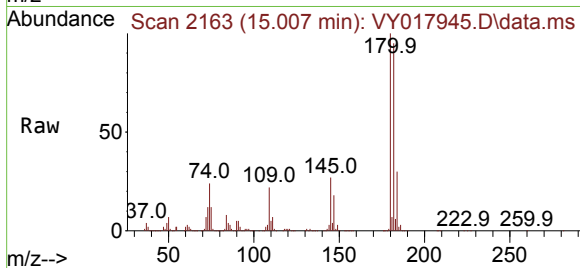
Tgt Ion:180 Resp: 841527

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 152.559 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY017945.D

Acq: 16 Apr 2024 13:04

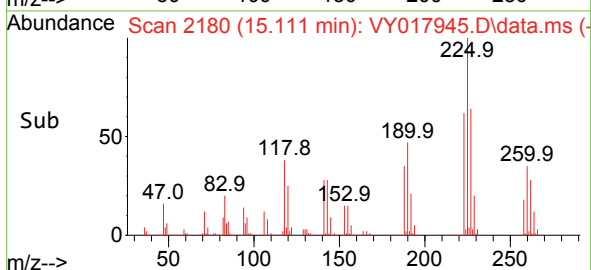
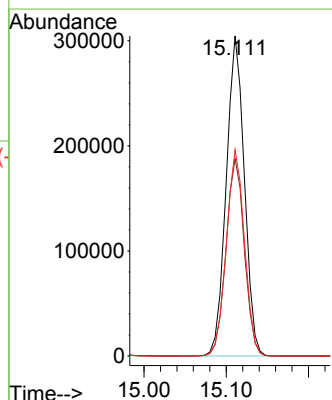
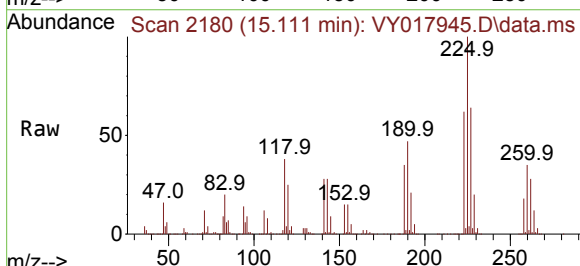
Tgt Ion:225 Resp: 467308

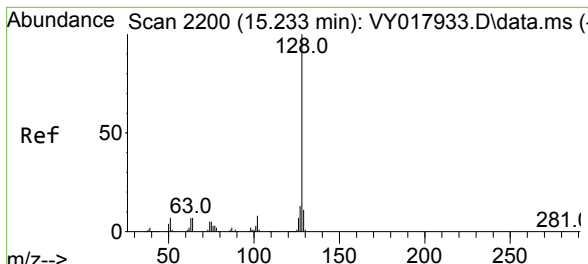
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 64.3 31.9 95.9



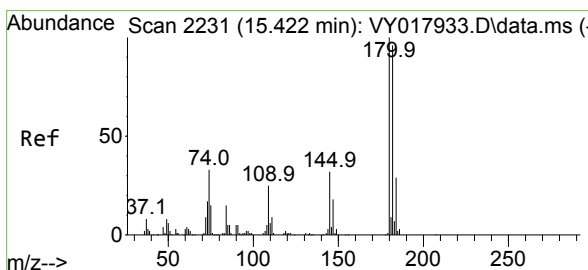
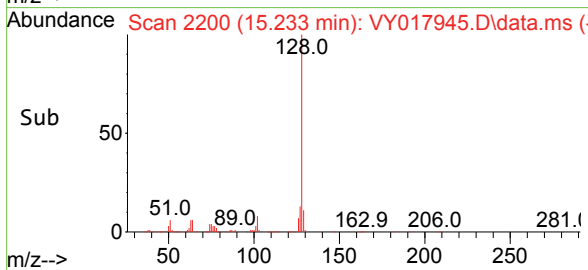
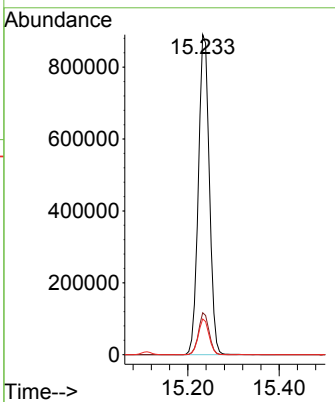
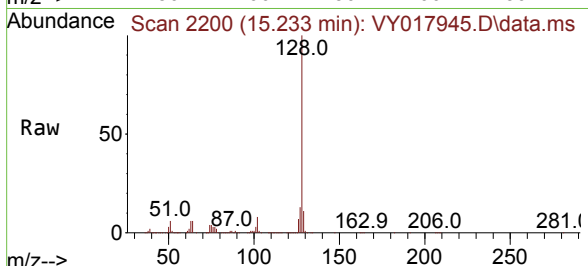


#95
 Naphthalene
 Concen: 174.179 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY017945.D
 Acq: 16 Apr 2024 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:128 Resp: 1482056

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.9	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 162.658 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: VY017945.D
 Acq: 16 Apr 2024 13:04

Tgt Ion:180 Resp: 704739

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.9
145	30.0	15.4	46.1

