

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013143.D
 Acq On : 30 Mar 2023 10:59
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 31 03:55:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 03:45:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28438	19.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.440%#
35) Dibromofluoromethane	7.716	113	25567	19.362	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.720%#
50) Toluene-d8	10.179	98	98894	19.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	39.680%#
62) 4-Bromofluorobenzene	12.483	95	32021	19.735	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27991	21.283	ug/l	96
3) Chloromethane	2.113	50	27774	20.251	ug/l	96
4) Vinyl Chloride	2.253	62	27863	20.263	ug/l	98
5) Bromomethane	2.644	94	18733	19.304	ug/l	91
6) Chloroethane	2.790	64	17035	19.777	ug/l	100
7) Trichlorofluoromethane	3.125	101	50241	20.529	ug/l	98
8) Diethyl Ether	3.528	74	15238	19.828	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	27638	20.484	ug/l	98
10) Methyl Iodide	4.095	142	34889	19.858	ug/l	99
11) Tert butyl alcohol	4.954	59	13512	103.981	ug/l	99
12) 1,1-Dichloroethene	3.875	96	26451	20.280	ug/l	96
13) Acrolein	3.729	56	17889	98.098	ug/l	99
14) Allyl chloride	4.479	41	43577	19.609	ug/l	96
15) Acrylonitrile	5.161	53	37321	97.731	ug/l	99
16) Acetone	3.942	43	37076	84.096	ug/l	94
17) Carbon Disulfide	4.198	76	86819	19.988	ug/l	98
18) Methyl Acetate	4.479	43	27515	19.807	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	65525	19.825	ug/l	100
20) Methylene Chloride	4.716	84	35881	20.396	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	28972	19.715	ug/l	96
22) Diisopropyl ether	6.119	45	88754	20.441	ug/l	99
23) Vinyl Acetate	6.064	43	246838	99.972	ug/l	99
24) 1,1-Dichloroethane	6.015	63	50645	19.695	ug/l	100
25) 2-Butanone	6.984	43	53163	96.437	ug/l	97
26) 2,2-Dichloropropane	6.978	77	46484	20.098	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	31668	20.002	ug/l	98
28) Bromochloromethane	7.332	49	22050	19.984	ug/l	94
29) Tetrahydrofuran	7.350	42	32720	100.265	ug/l	98
30) Chloroform	7.509	83	52736	19.804	ug/l	99
31) Cyclohexane	7.783	56	47371	20.125	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	47100	20.005	ug/l	99
36) 1,1-Dichloropropene	7.917	75	41038	20.645	ug/l	99
37) Ethyl Acetate	7.076	43	22673	20.079	ug/l	99
38) Carbon Tetrachloride	7.899	117	44489	20.284	ug/l	99
39) Methylcyclohexane	9.185	83	46829	20.080	ug/l	98
40) Benzene	8.161	78	116163	20.232	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	31038	56.583	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	34605	19.673	ug/l	100
43) Isopropyl Acetate	8.271	43	39493	19.539	ug/l	98
44) Trichloroethene	8.941	130	32244	20.401	ug/l	99
45) 1,2-Dichloropropane	9.216	63	28293	19.679	ug/l	97
46) Dibromomethane	9.307	93	16682	20.199	ug/l	97
47) Bromodichloromethane	9.496	83	39887	20.015	ug/l	97
48) Methyl methacrylate	9.295	41	19026	20.211	ug/l	99
49) 1,4-Dioxane	9.301	88	3836	390.420	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	109960	100.801	ug/l	99
52) Toluene	10.246	92	72426	20.336	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	40415	19.841	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	46912	20.166	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	23481	20.568	ug/l	94
56) Ethyl methacrylate	10.508	69	28464	19.830	ug/l	99
57) 1,3-Dichloropropane	10.788	76	38991	20.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	71080	105.907	ug/l	99
59) 2-Hexanone	10.831	43	79560	100.844	ug/l	99
60) Dibromochloromethane	10.984	129	28555	19.915	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22452	20.298	ug/l	99
64) Tetrachloroethene	10.721	164	28773	20.397	ug/l	97
65) Chlorobenzene	11.514	112	77101	19.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	29309	20.070	ug/l	99
67) Ethyl Benzene	11.593	91	135105	20.082	ug/l	99
68) m/p-Xylenes	11.703	106	105766	40.640	ug/l	98
69) o-Xylene	12.032	106	49222	20.391	ug/l	96
70) Styrene	12.044	104	81923	20.287	ug/l	99
71) Bromoform	12.209	173	18218	20.118	ug/l #	98
73) Isopropylbenzene	12.331	105	129839	19.909	ug/l	99
74) N-amyl acetate	12.142	43	34878	19.478	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	27579	20.188	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	35375	33.338	ug/l #	100
77) Bromobenzene	12.611	156	32200	19.859	ug/l	97
78) n-propylbenzene	12.672	91	161001	20.078	ug/l	100
79) 2-Chlorotoluene	12.758	91	90651	19.922	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	111069	20.370	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9205	19.341	ug/l	95
82) 4-Chlorotoluene	12.855	91	96130	20.300	ug/l	100
83) tert-Butylbenzene	13.075	119	94772	20.236	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	109471	20.501	ug/l	100
85) sec-Butylbenzene	13.251	105	143492	20.292	ug/l	100
86) p-Isopropyltoluene	13.367	119	118016	20.273	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	64649	20.114	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	63500	19.715	ug/l	96
89) n-Butylbenzene	13.696	91	110607	20.325	ug/l	99
90) Hexachloroethane	13.959	117	24528	20.226	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	57474	20.022	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4782	21.037	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	34082	20.360	ug/l	99
94) Hexachlorobutadiene	15.111	225	20929	20.329	ug/l	98
95) Naphthalene	15.239	128	59296	18.875	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	29063	19.706	ug/l	98

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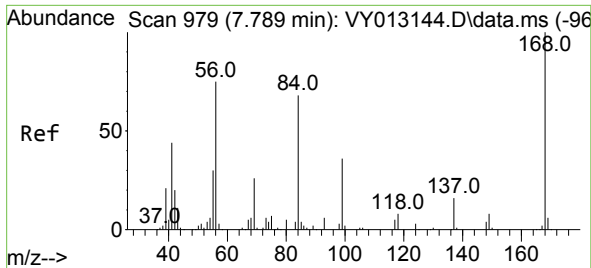
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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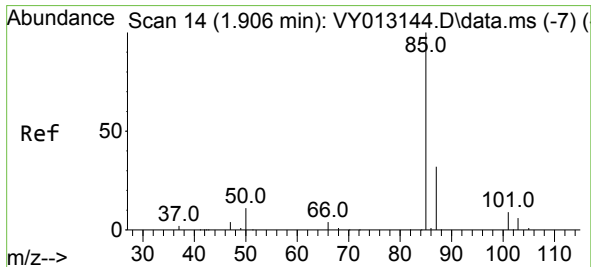
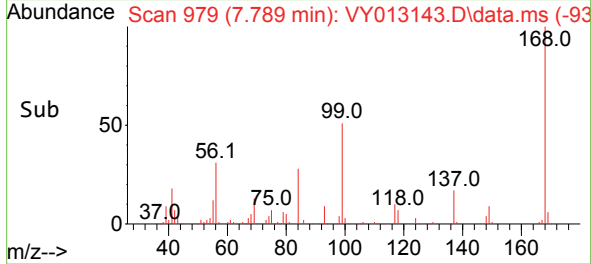
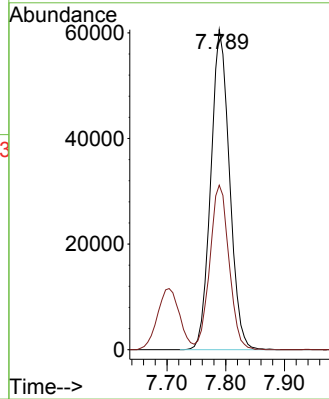
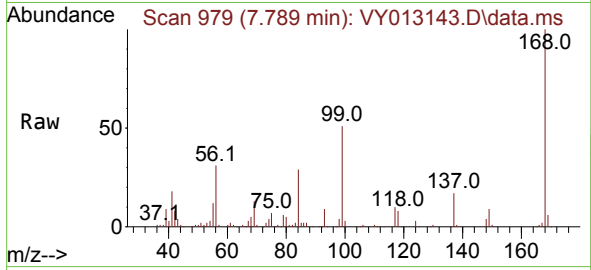




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013143.D
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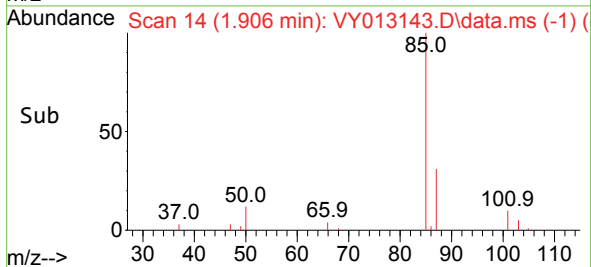
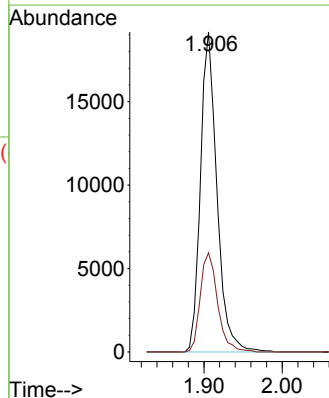
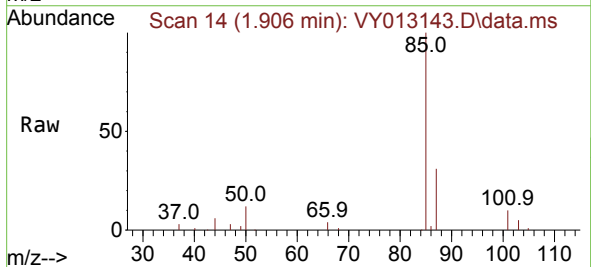
Instrument :
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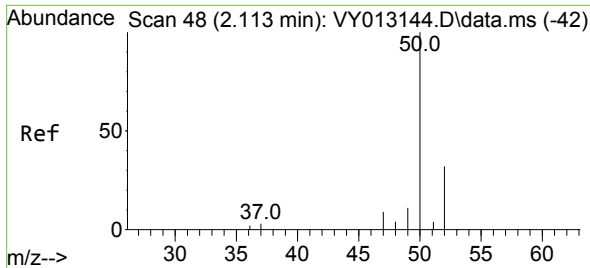
Tgt Ion:168 Resp: 134159
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.283 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 85 Resp: 27991
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.0

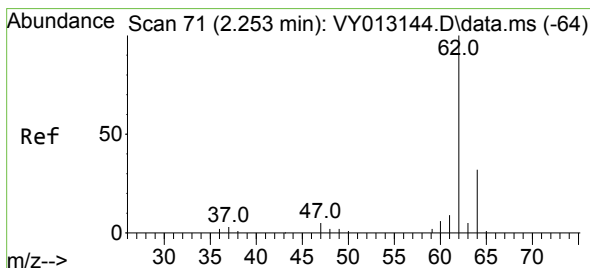
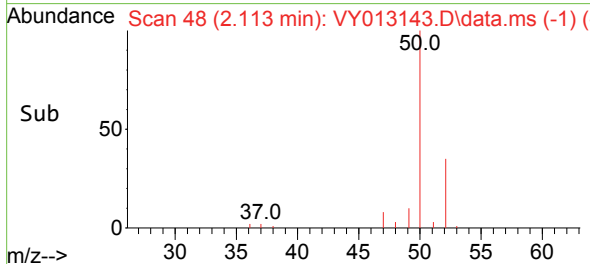
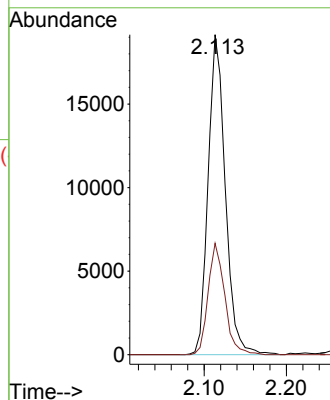
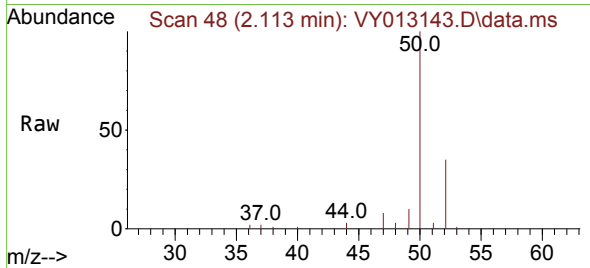




#3
Chloromethane
Concen: 20.251 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

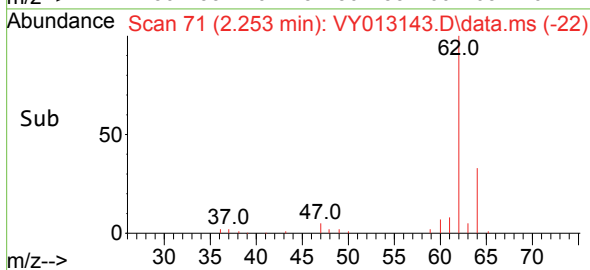
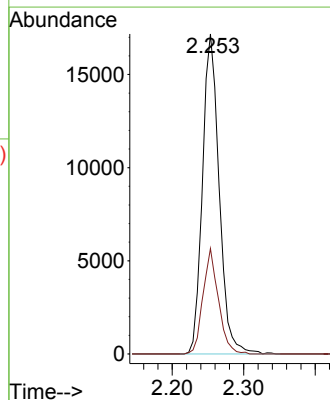
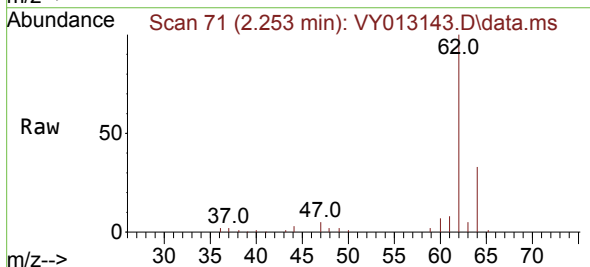
Instrument :
MSVOA_Y
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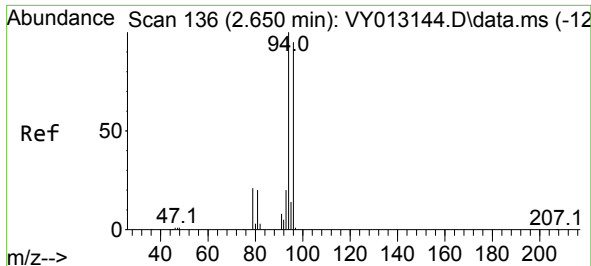
Tgt Ion: 50 Resp: 27774
Ion Ratio Lower Upper
50 100
52 34.8 26.0 39.0



#4
Vinyl Chloride
Concen: 20.263 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 62 Resp: 27863
Ion Ratio Lower Upper
62 100
64 32.9 25.6 38.4





#5

Bromomethane

Concen: 19.304 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

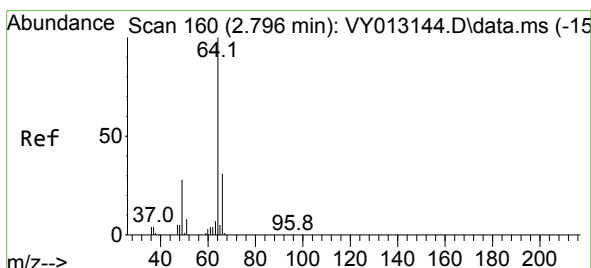
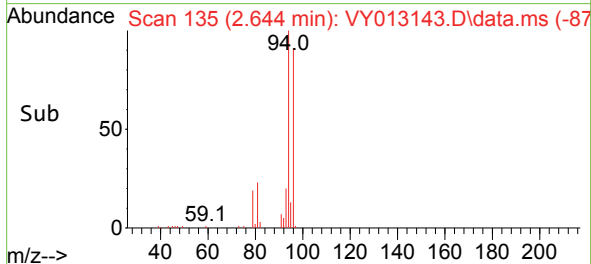
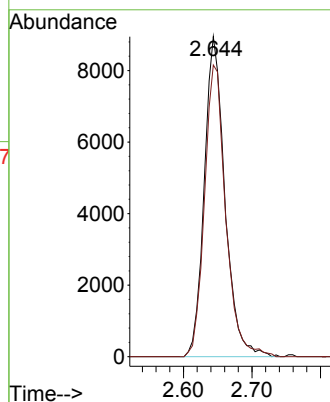
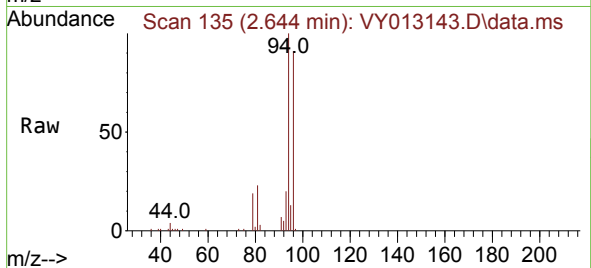
VSTDIC020

Tgt Ion: 94 Resp: 18733

Ion Ratio Lower Upper

94 100

96 91.2 80.3 120.5



#6

Chloroethane

Concen: 19.777 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013143.D

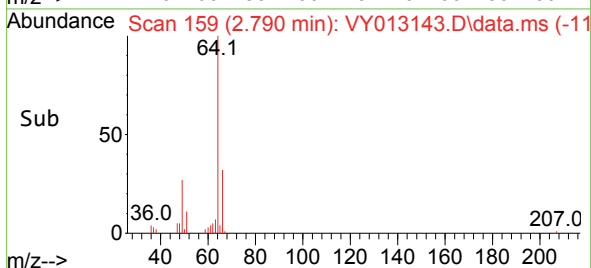
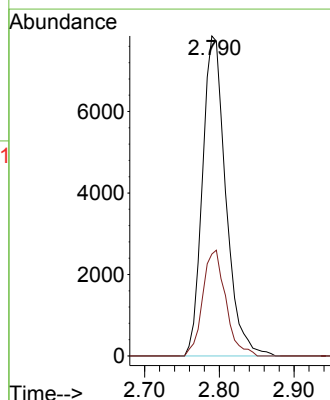
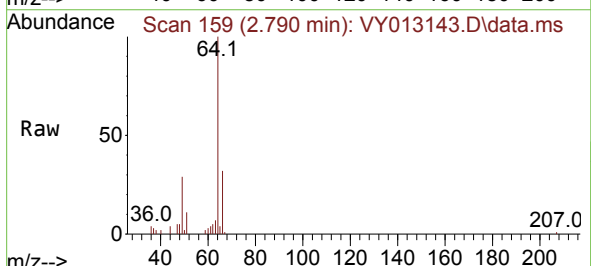
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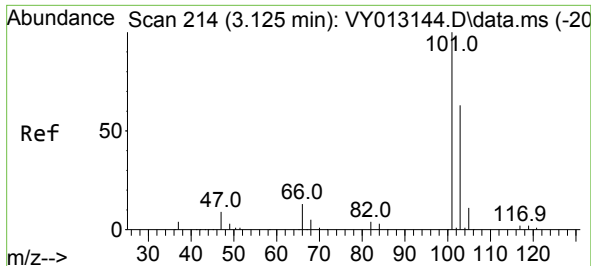
Tgt Ion: 64 Resp: 17035

Ion Ratio Lower Upper

64 100

66 31.8 25.7 38.5

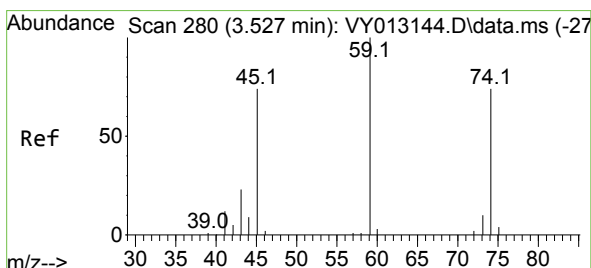
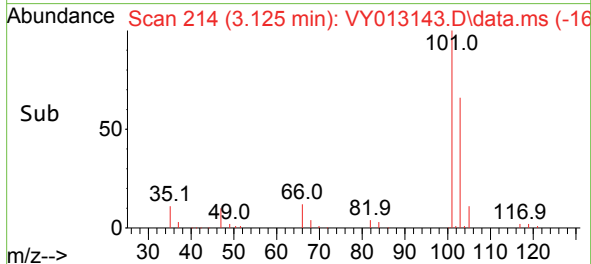
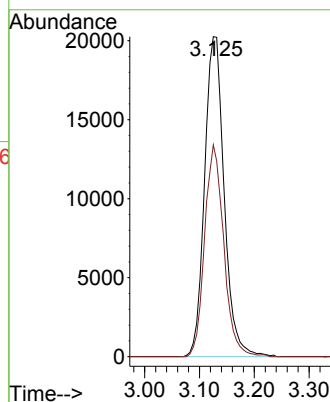
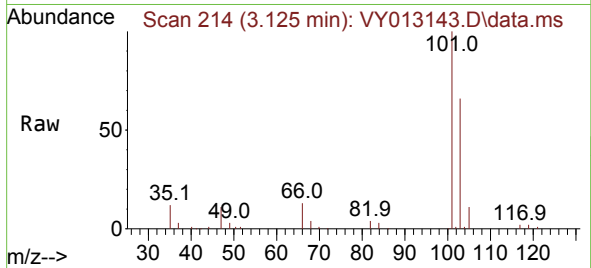




#7
 Trichlorofluoromethane
 Concen: 20.529 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013143.D
 Acq: 30 Mar 2023 10:59

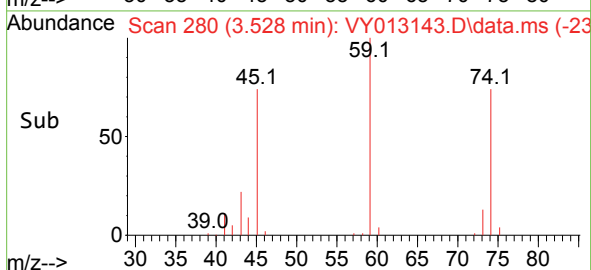
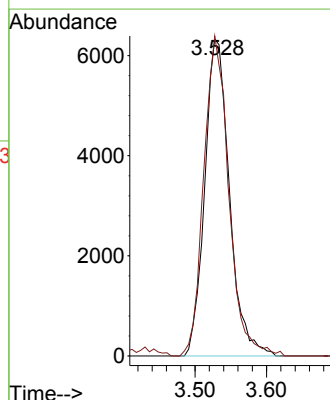
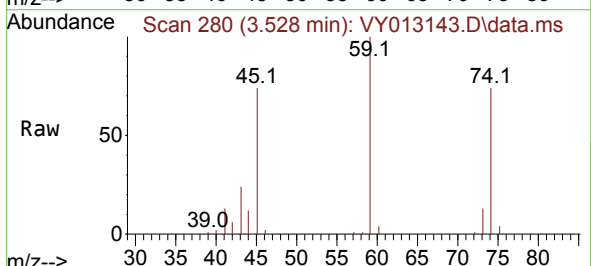
Instrument :
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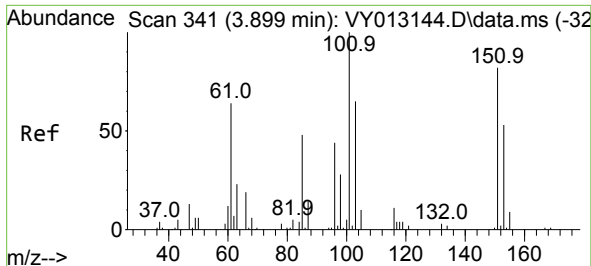
Tgt Ion:101 Resp: 50241
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 19.828 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013143.D
 Acq: 30 Mar 2023 10:59

Tgt Ion: 74 Resp: 15238
 Ion Ratio Lower Upper
 74 100
 45 102.0 52.1 156.4

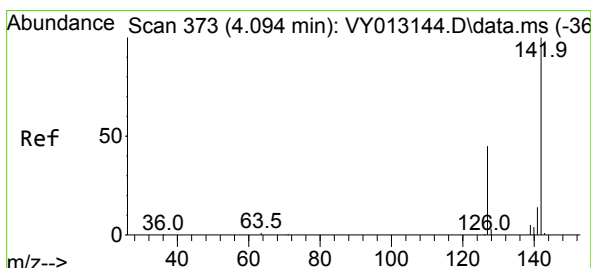
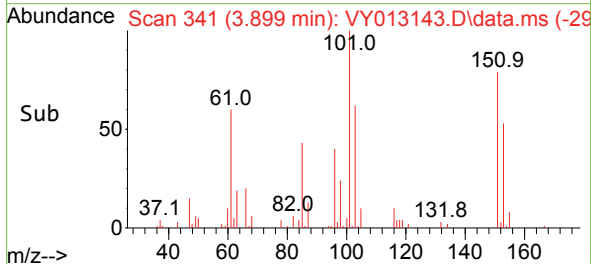
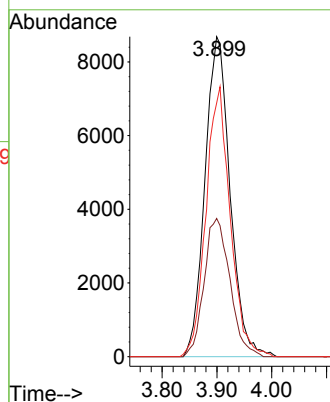
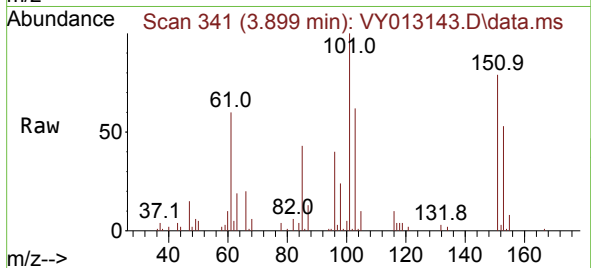




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.484 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013143.D
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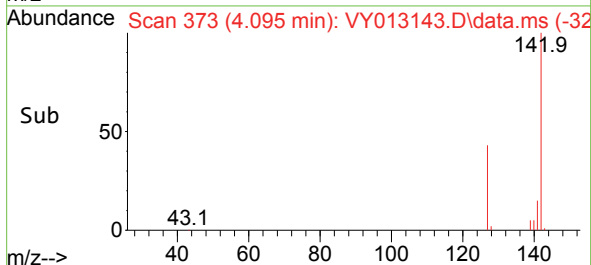
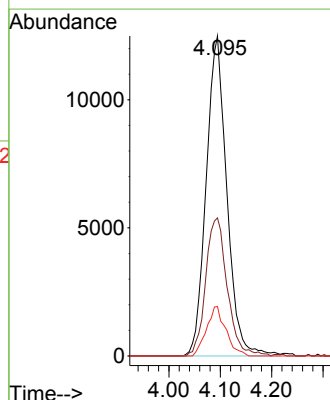
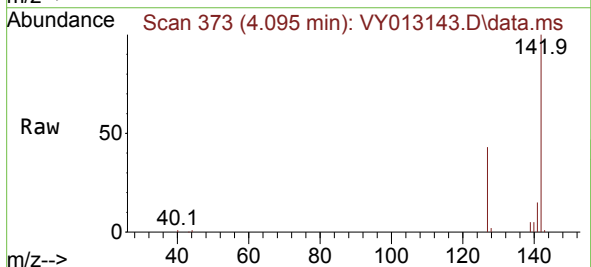
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

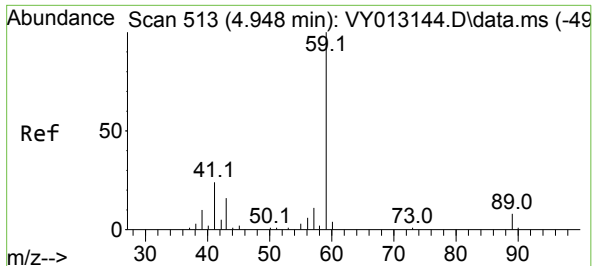
Tgt Ion:	101	Resp:	27638
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.3	52.9
151	81.6	63.1	94.7



#10
Methyl Iodide
Concen: 19.858 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion:	142	Resp:	34889
Ion	Ratio	Lower	Upper
142	100		
127	45.0	35.4	53.2
141	14.5	11.3	16.9

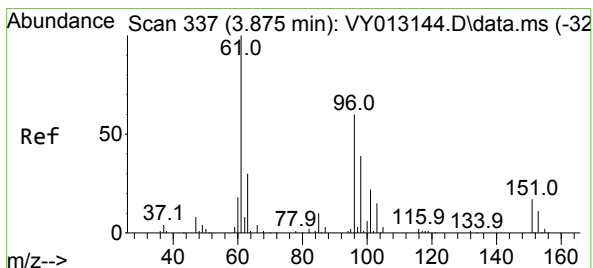
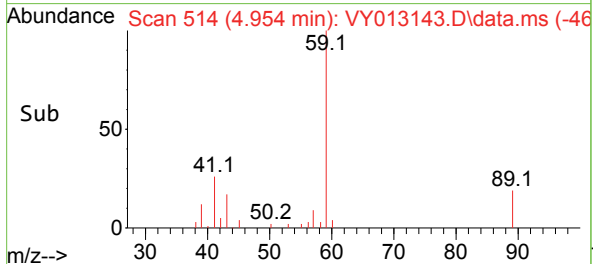
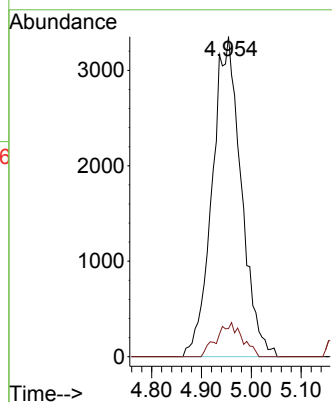
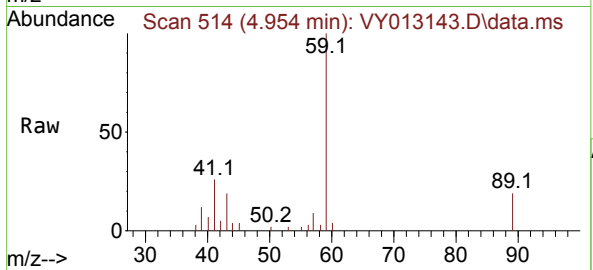




#11
Tert butyl alcohol
Concen: 103.981 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

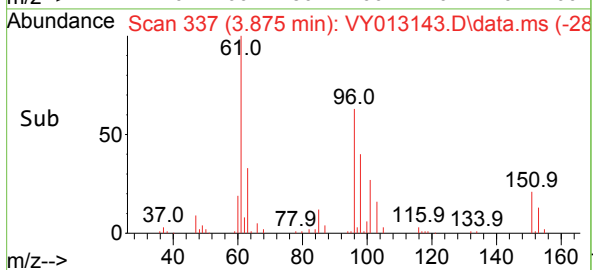
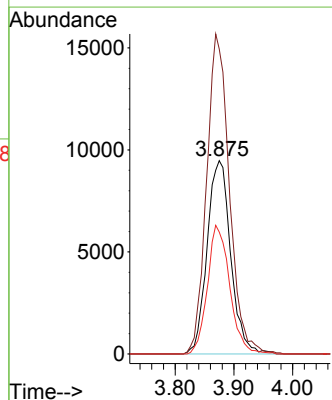
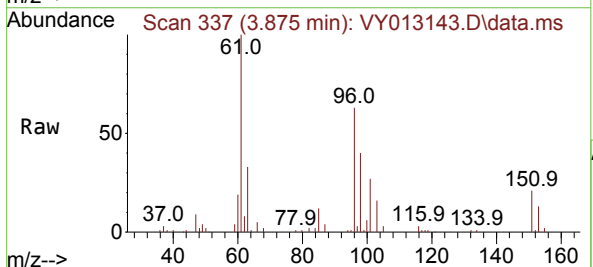
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

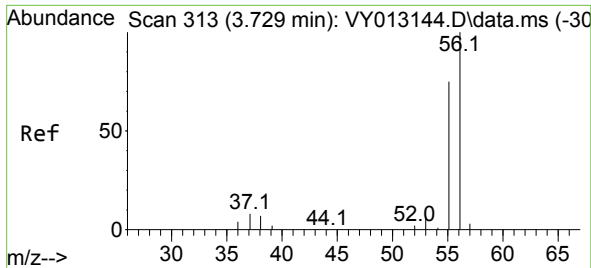
Tgt Ion: 59 Resp: 13512
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 20.280 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 96 Resp: 26451
Ion Ratio Lower Upper
96 100
61 157.8 131.7 197.5
98 63.0 52.0 78.0





#13

Acrolein

Concen: 98.098 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

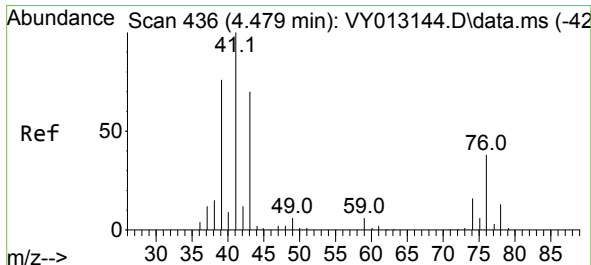
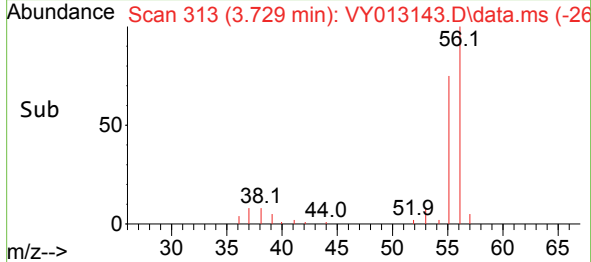
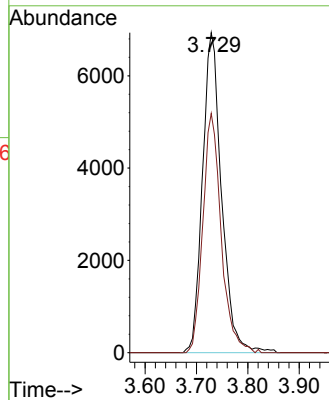
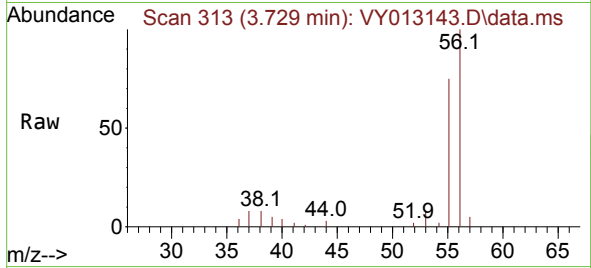
VSTDICC020

Tgt Ion: 56 Resp: 17889

Ion Ratio Lower Upper

56 100

55 71.6 56.8 85.2



#14

Allyl chloride

Concen: 19.609 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

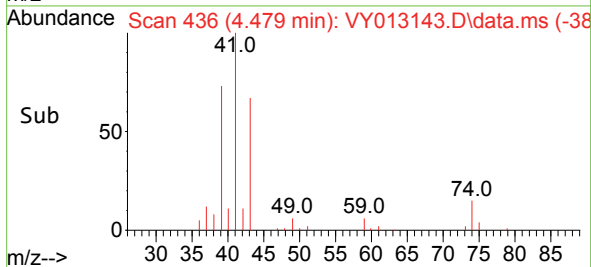
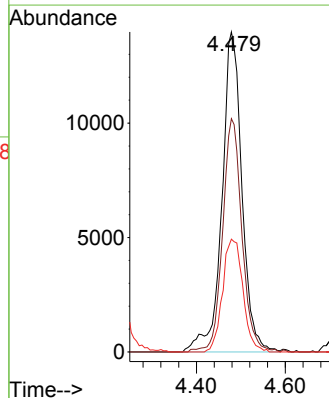
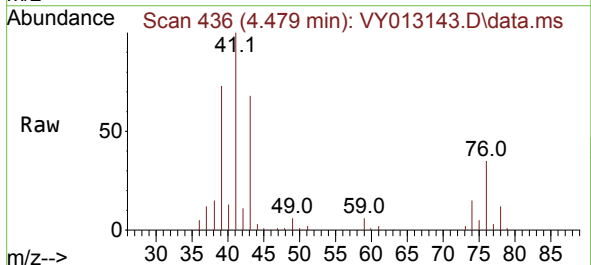
Tgt Ion: 41 Resp: 43577

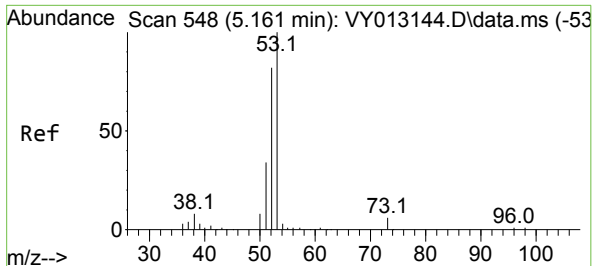
Ion Ratio Lower Upper

41 100

39 70.2 53.6 80.4

76 35.9 27.2 40.8





#15

Acrylonitrile

Concen: 97.731 ug/l

RT: 5.161 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

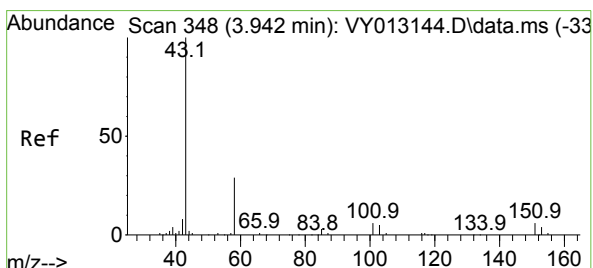
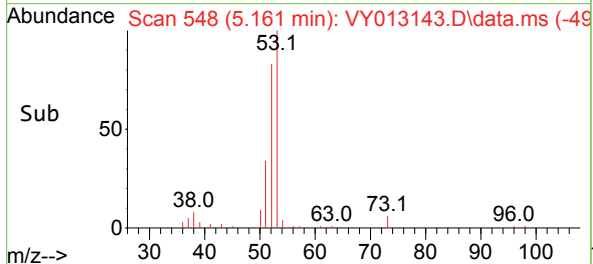
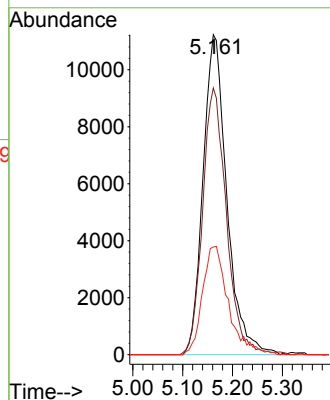
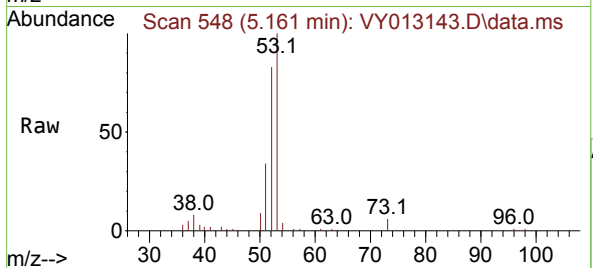
Tgt Ion: 53 Resp: 37321

Ion Ratio Lower Upper

53 100

52 83.1 66.3 99.5

51 36.8 28.8 43.2



#16

Acetone

Concen: 84.096 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY013143.D

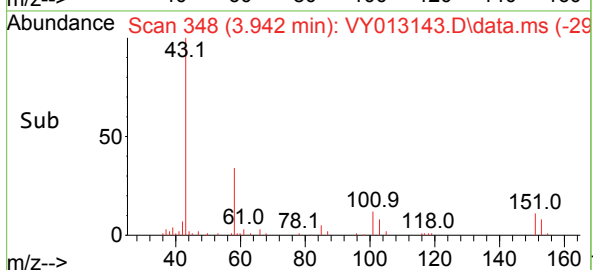
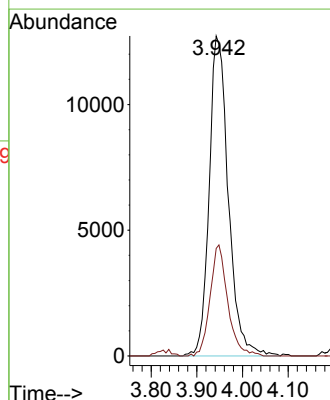
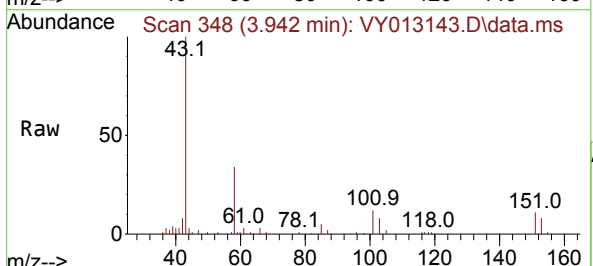
Acq: 30 Mar 2023 10:59

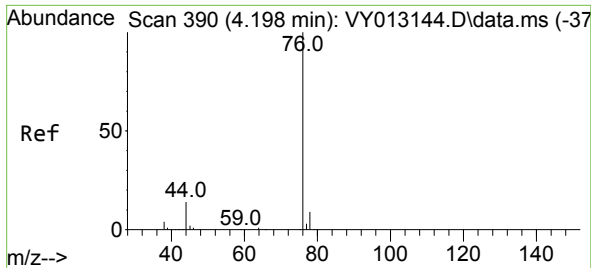
Tgt Ion: 43 Resp: 37076

Ion Ratio Lower Upper

43 100

58 33.6 24.2 36.2

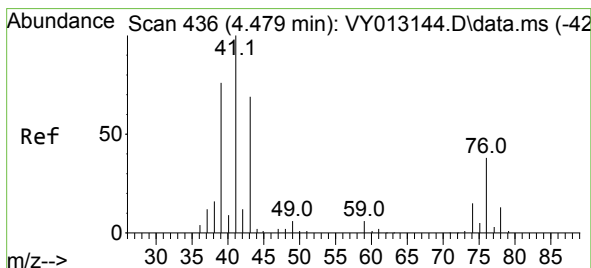
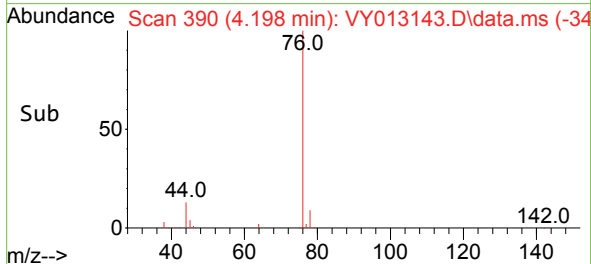
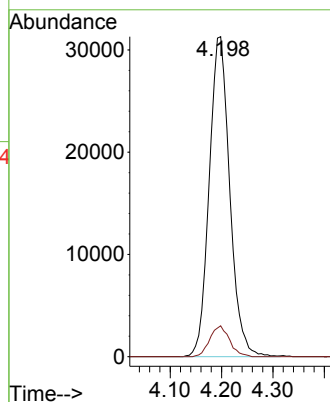
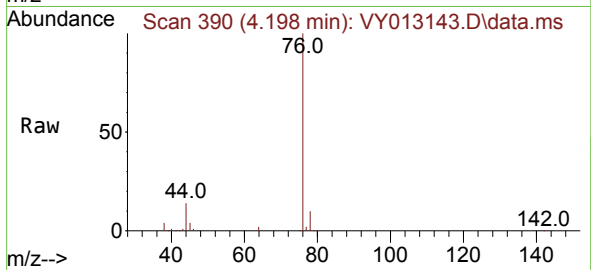




#17
Carbon Disulfide
Concen: 19.988 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

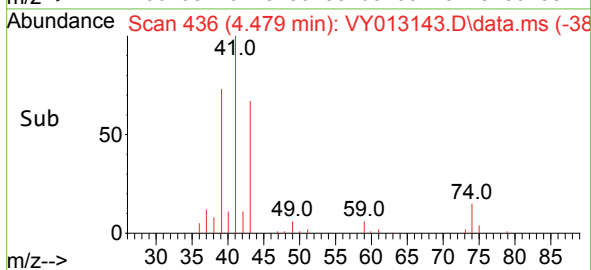
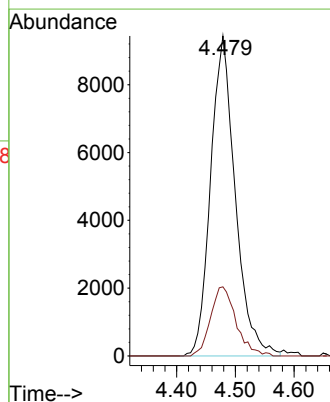
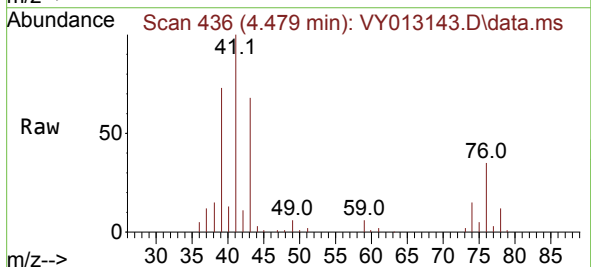
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

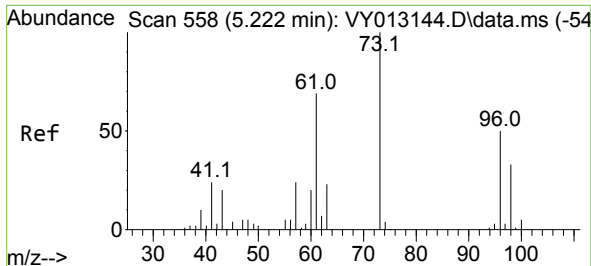
Tgt Ion: 76 Resp: 86819
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 19.807 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 43 Resp: 27515
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0

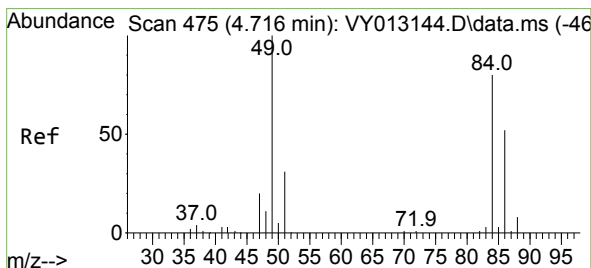
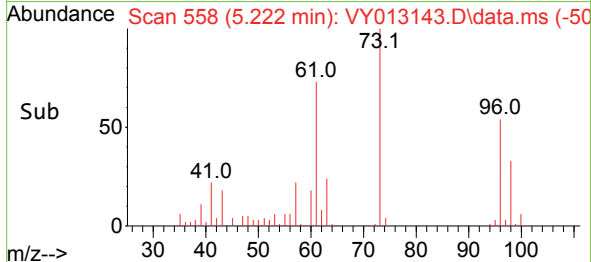
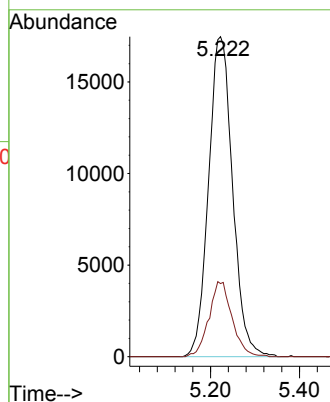
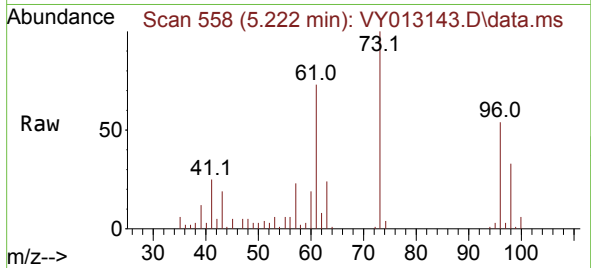




#19
Methyl tert-butyl Ether
Concen: 19.825 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

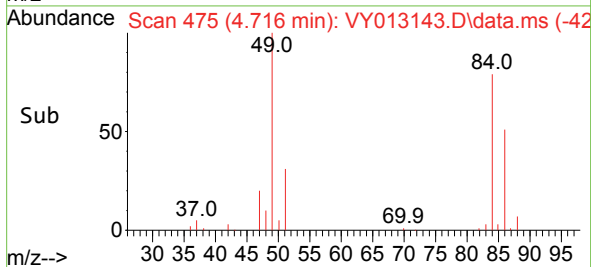
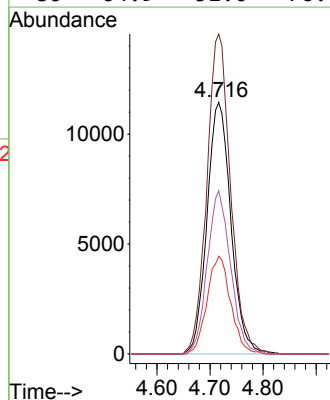
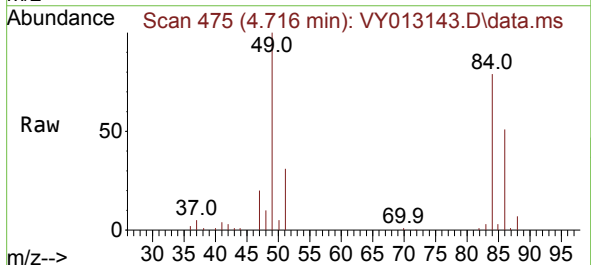
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

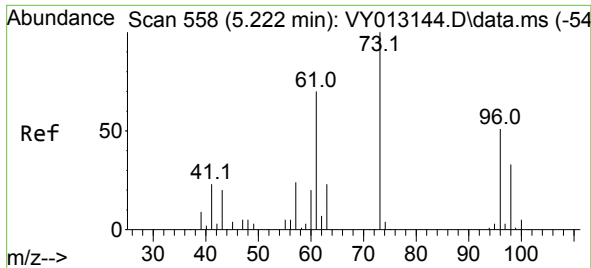
Tgt Ion: 73 Resp: 65525
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 20.396 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 84 Resp: 35881
Ion Ratio Lower Upper
84 100
49 127.2 102.6 154.0
51 38.8 31.9 47.9
86 64.9 51.0 76.6

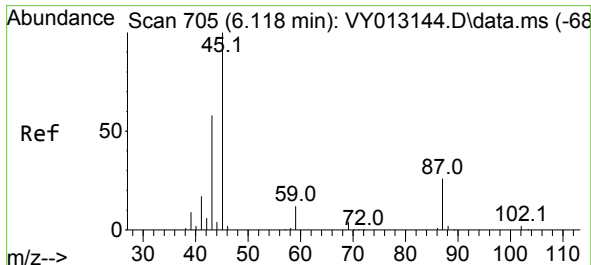
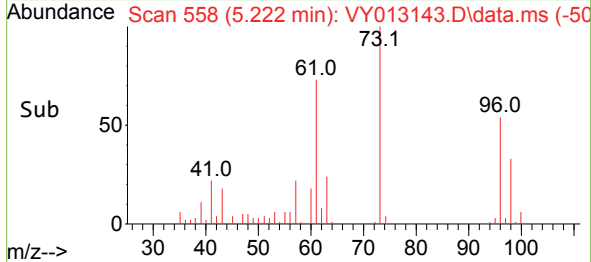
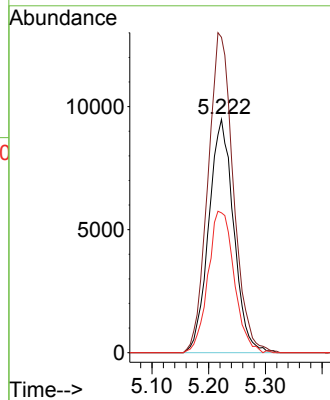
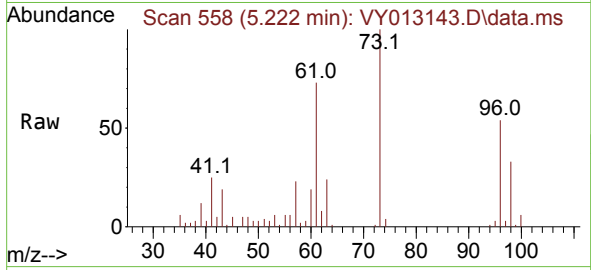




#21
trans-1,2-Dichloroethene
Concen: 19.715 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

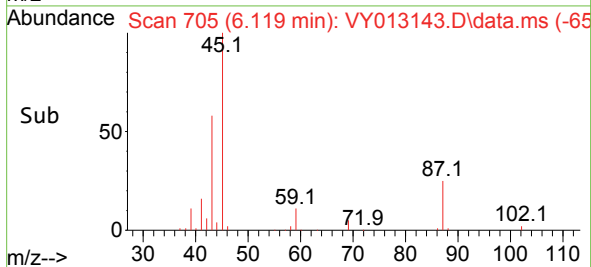
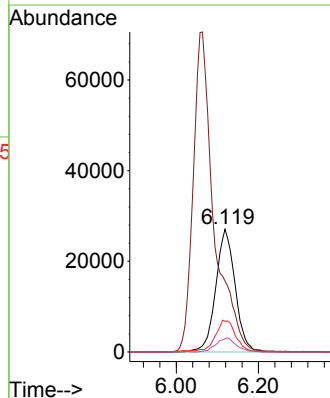
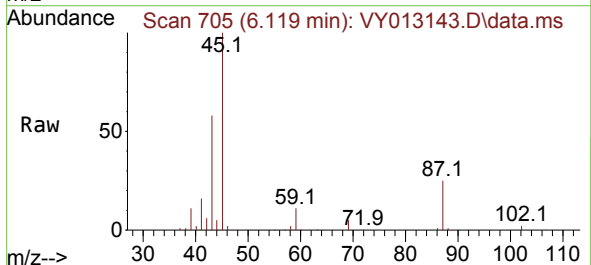
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

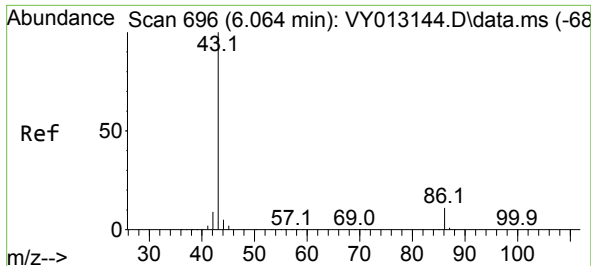
Tgt Ion: 96 Resp: 28972
Ion Ratio Lower Upper
96 100
61 135.2 111.4 167.0
98 59.9 50.8 76.2



#22
Diisopropyl ether
Concen: 20.441 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 45 Resp: 88754
Ion Ratio Lower Upper
45 100
43 57.3 45.0 67.6
87 25.0 20.3 30.5
59 10.8 8.8 13.2

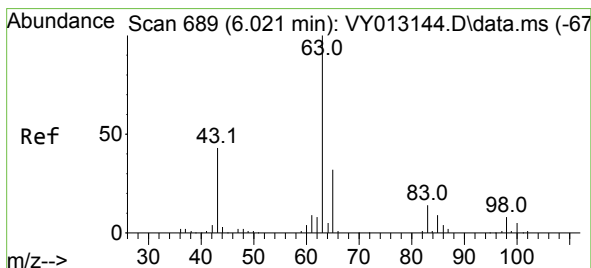
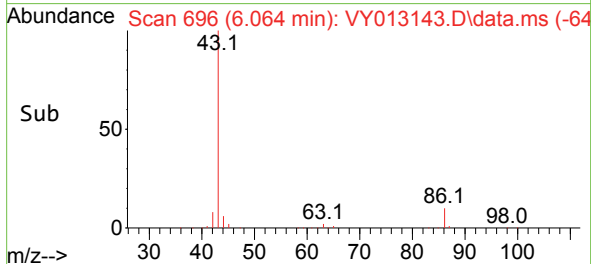
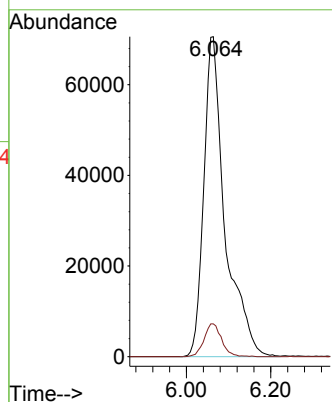
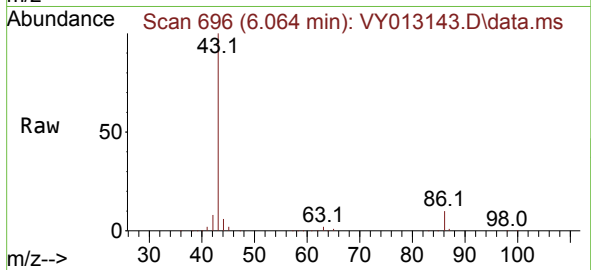




#23
 Vinyl Acetate
 Concen: 99.972 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY013143.D
 Acq: 30 Mar 2023 10:59

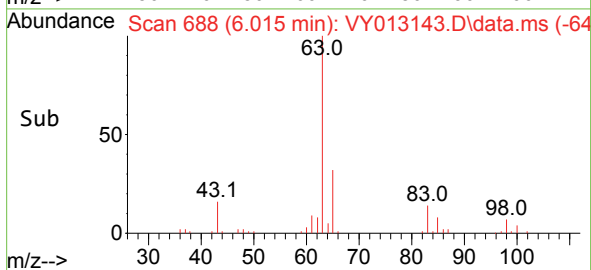
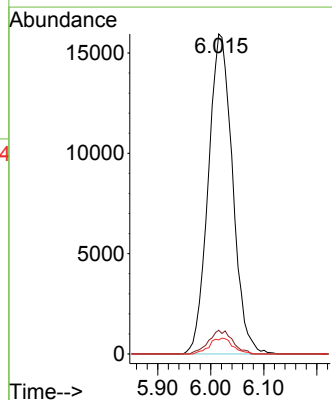
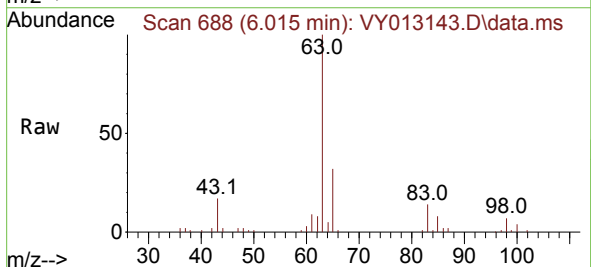
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

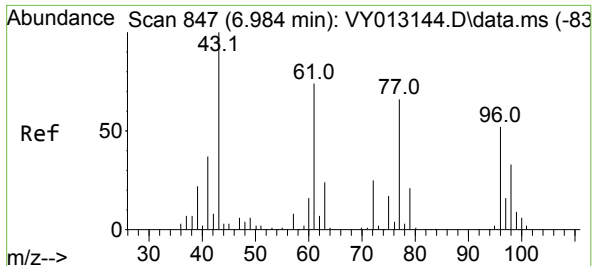
Tgt Ion: 43 Resp: 246838
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.695 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013143.D
 Acq: 30 Mar 2023 10:59

Tgt Ion: 63 Resp: 50645
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 96.437 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

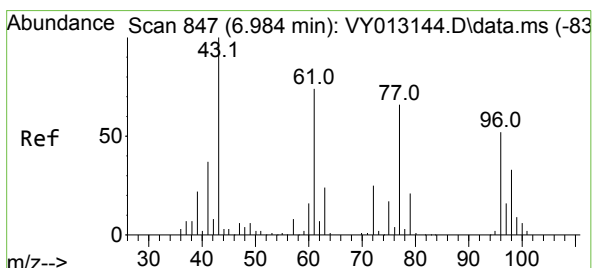
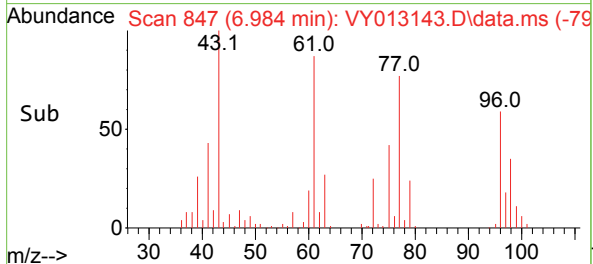
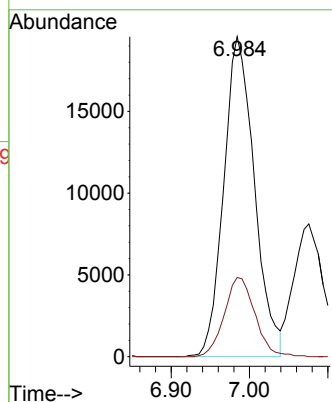
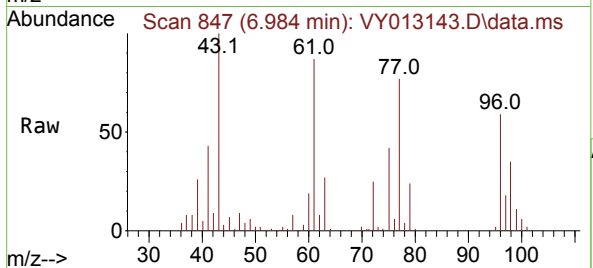
VSTDIC020

Tgt Ion: 43 Resp: 53163

Ion Ratio Lower Upper

43 100

72 24.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 20.098 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013143.D

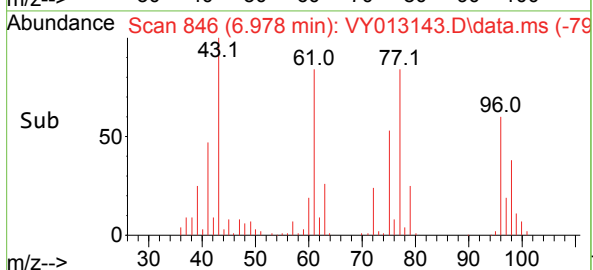
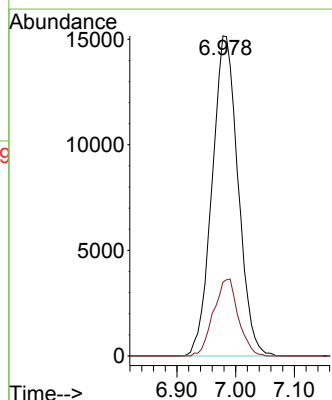
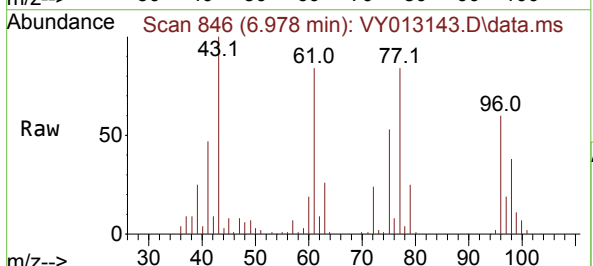
Acq: 30 Mar 2023 10:59

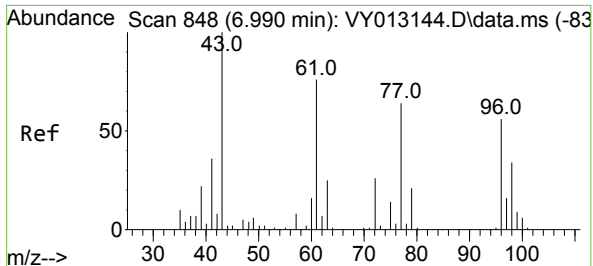
Tgt Ion: 77 Resp: 46484

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0

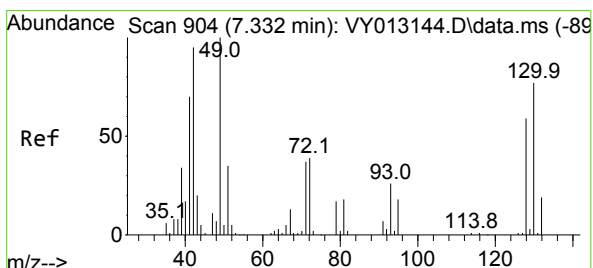
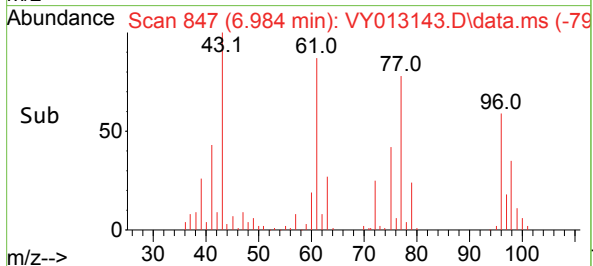
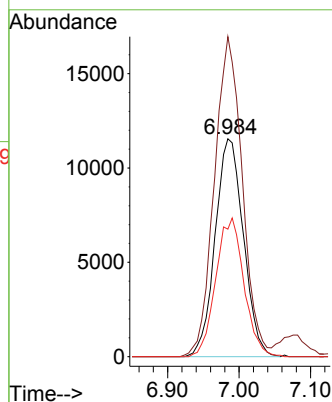
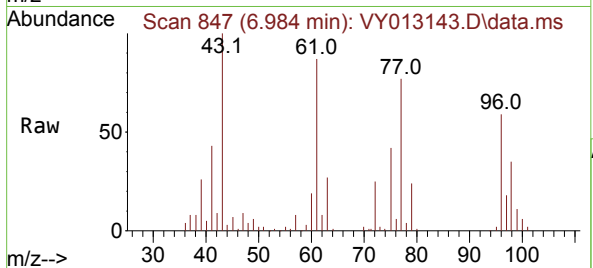




#27
cis-1,2-Dichloroethene
Concen: 20.002 ug/l
RT: 6.984 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

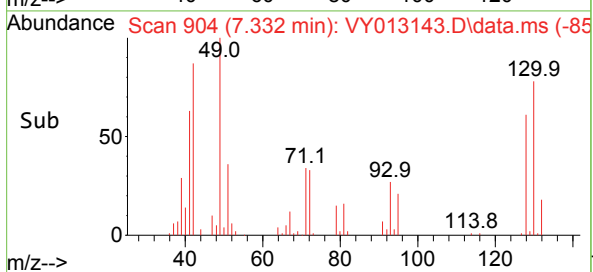
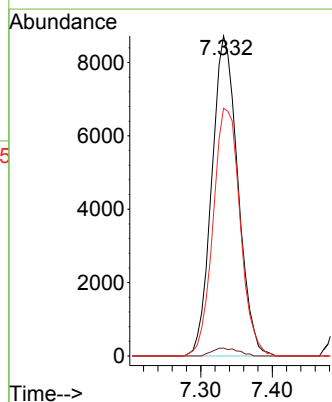
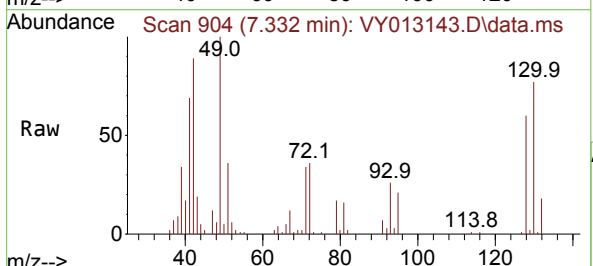
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

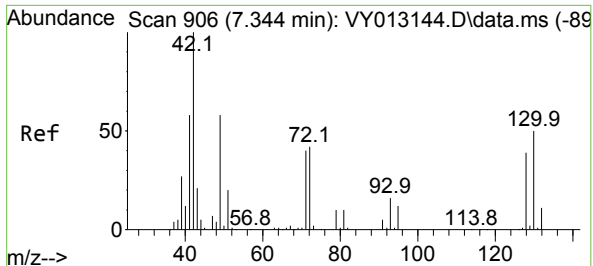
Tgt Ion: 96 Resp: 31668
Ion Ratio Lower Upper
96 100
61 145.3 0.0 295.8
98 63.6 0.0 130.2



#28
Bromochloromethane
Concen: 19.984 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 49 Resp: 22050
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 80.4 60.5 90.7





#29

Tetrahydrofuran

Concen: 100.265 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

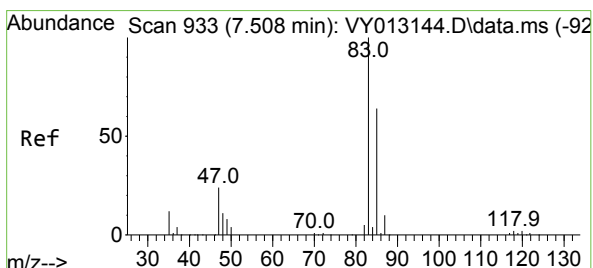
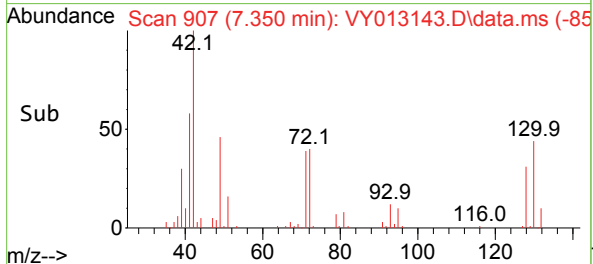
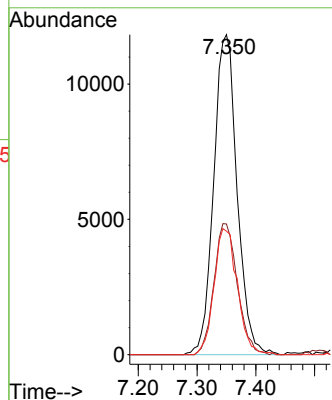
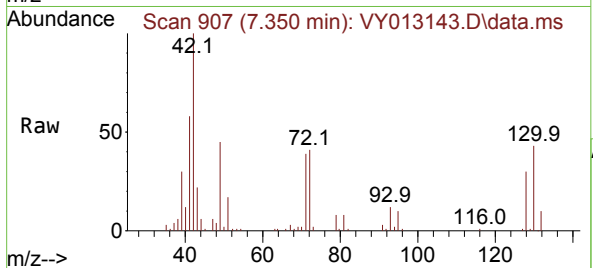
Tgt Ion: 42 Resp: 32720

Ion Ratio Lower Upper

42 100

72 41.1 32.3 48.5

71 39.3 30.3 45.5



#30

Chloroform

Concen: 19.804 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013143.D

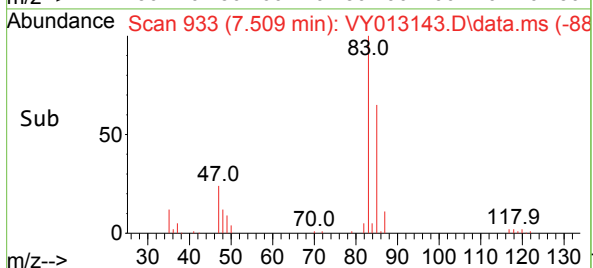
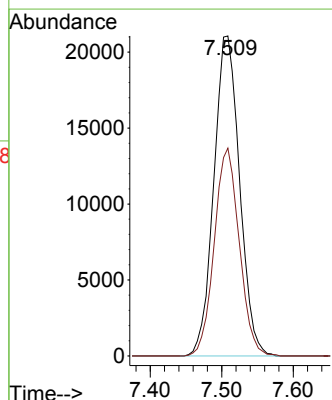
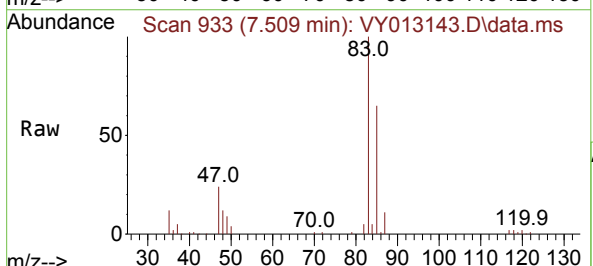
Acq: 30 Mar 2023 10:59

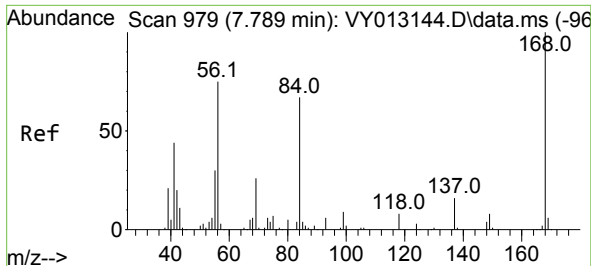
Tgt Ion: 83 Resp: 52736

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

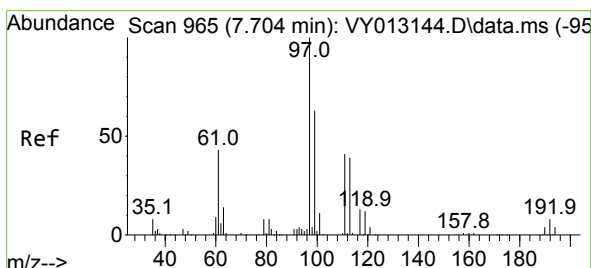
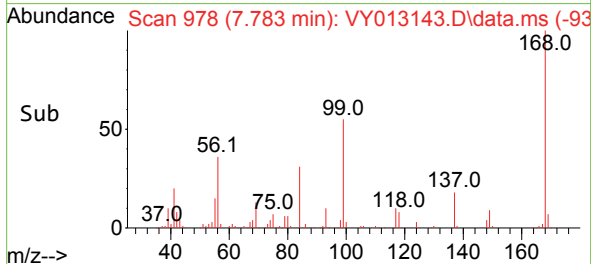
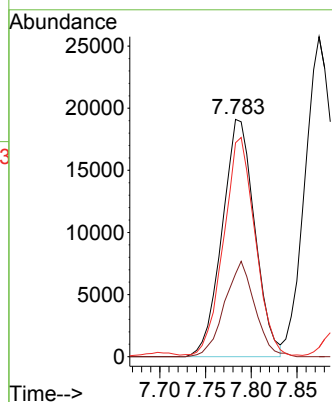
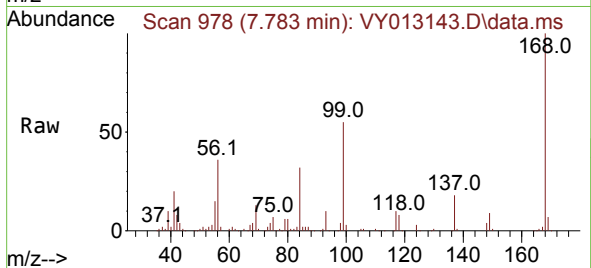




#31
Cyclohexane
Concen: 20.125 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

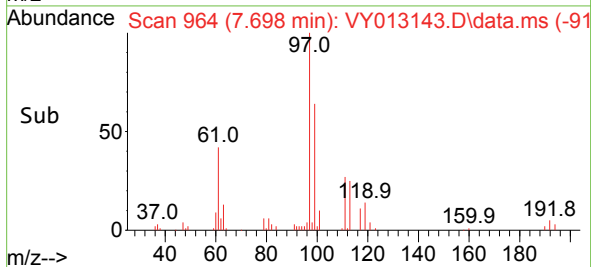
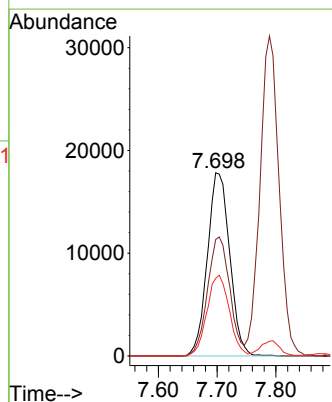
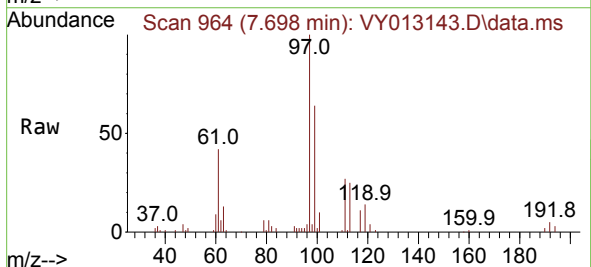
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

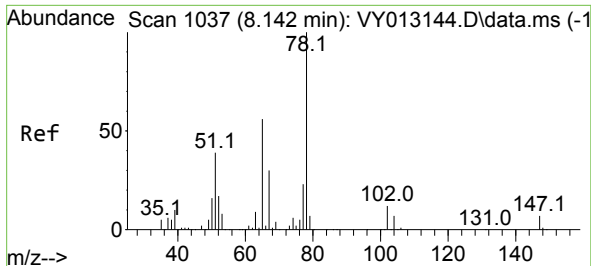
Tgt Ion: 56 Resp: 47371
Ion Ratio Lower Upper
56 100
69 34.9 25.7 38.5
84 89.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 20.005 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 97 Resp: 47100
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 44.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 19.724 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

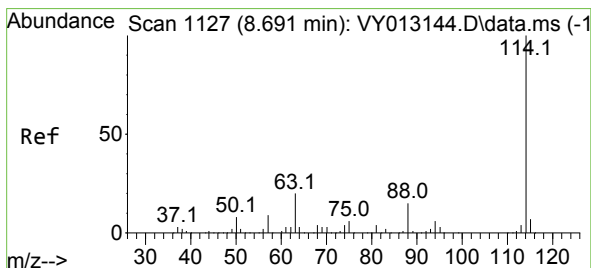
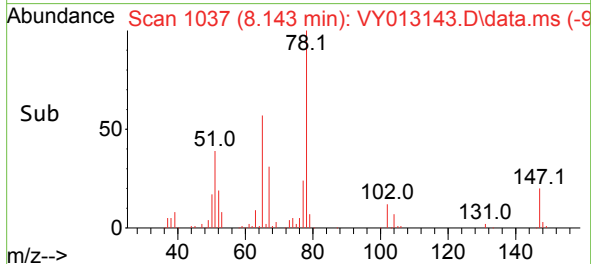
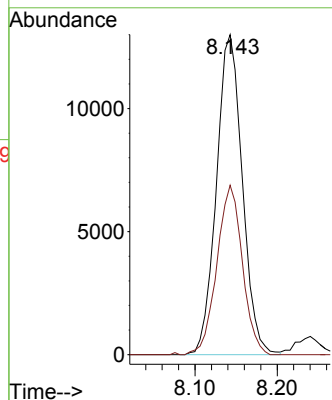
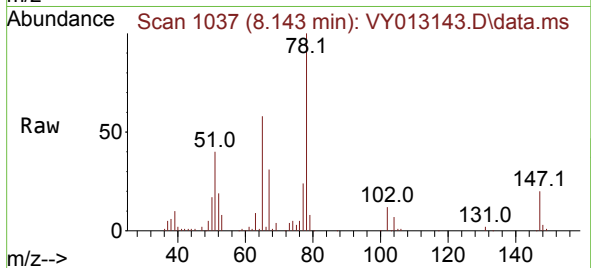
VSTDIC020

Tgt Ion: 65 Resp: 28438

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

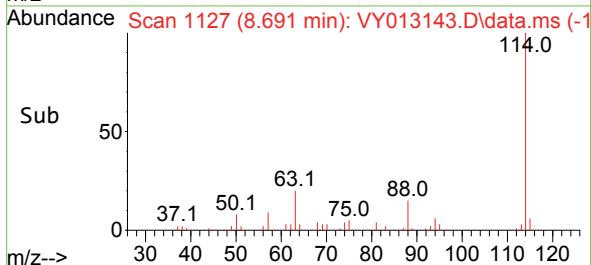
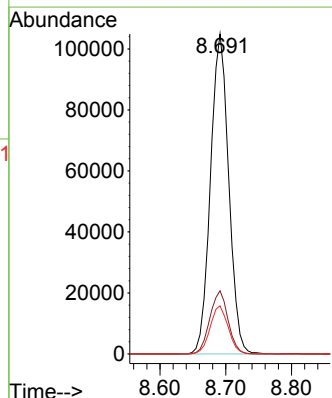
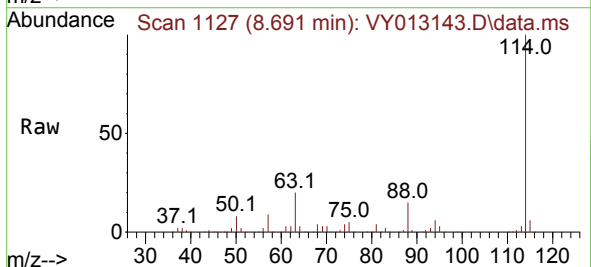
Tgt Ion: 114 Resp: 202129

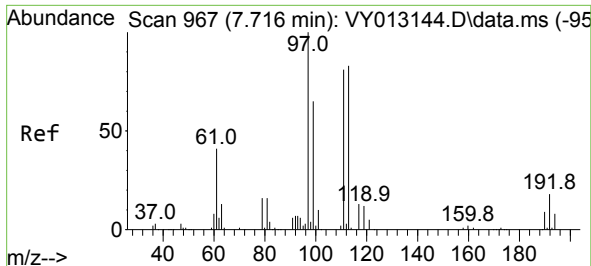
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.1 0.0 28.6

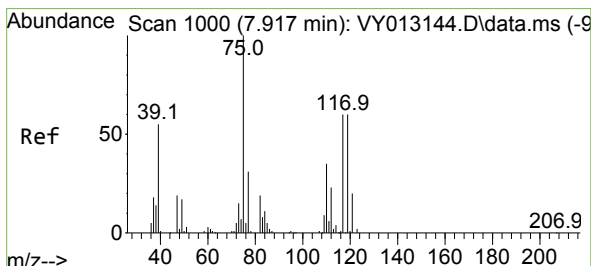
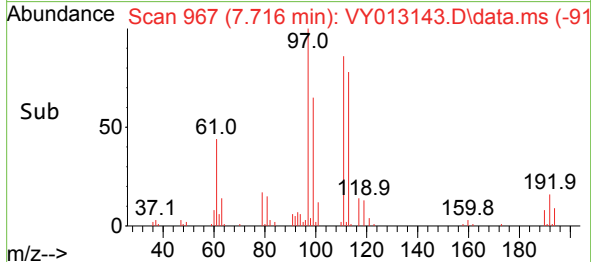
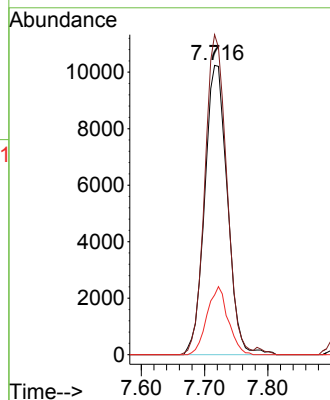
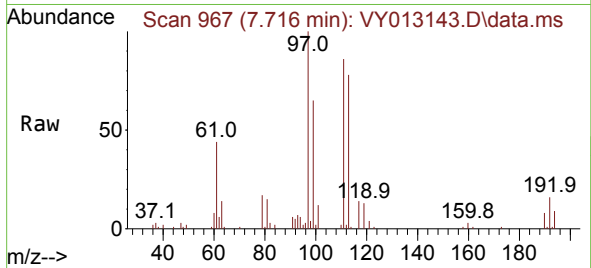




#35
Dibromofluoromethane
Concen: 19.362 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

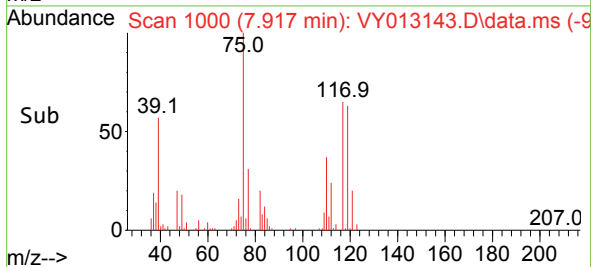
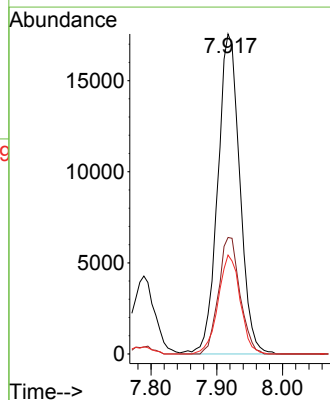
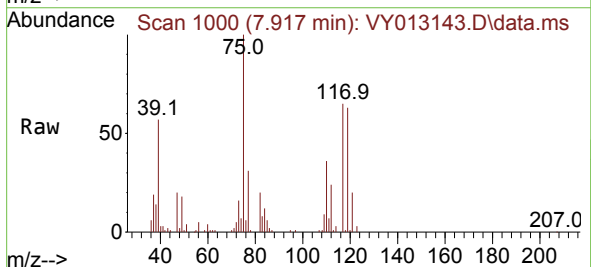
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

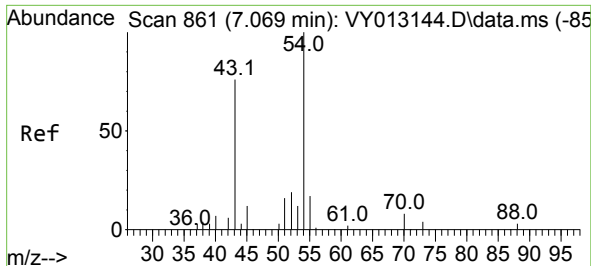
Tgt Ion:113 Resp: 25567
Ion Ratio Lower Upper
113 100
111 106.1 82.2 123.2
192 21.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.645 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 75 Resp: 41038
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 20.079 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

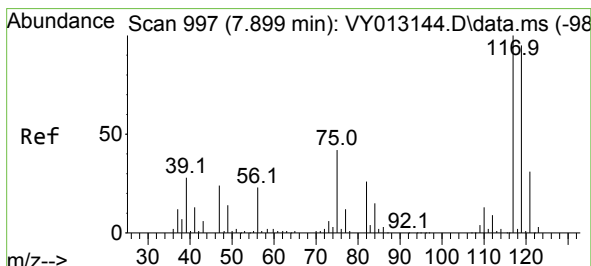
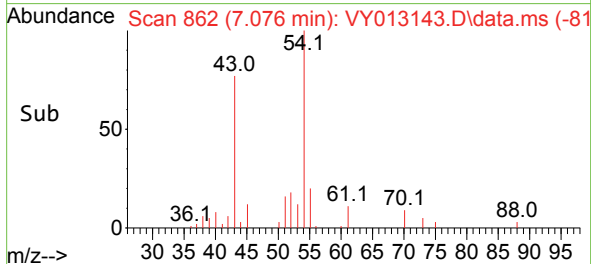
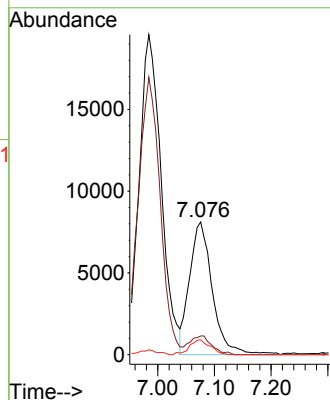
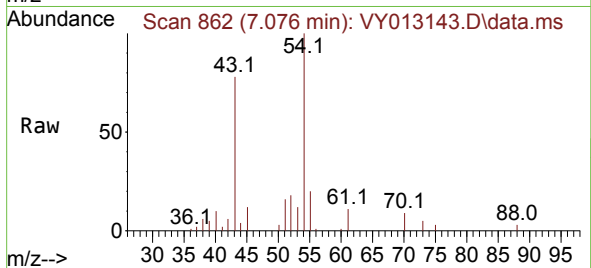
Tgt Ion: 43 Resp: 22673

Ion Ratio Lower Upper

43 100

61 13.7 10.7 16.1

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.284 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

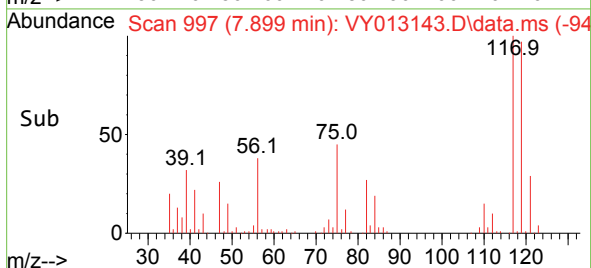
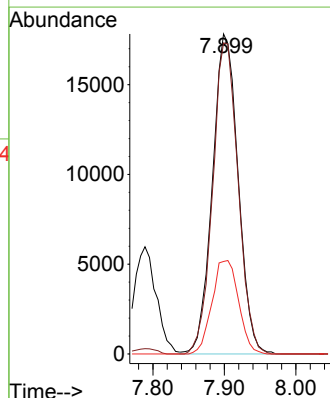
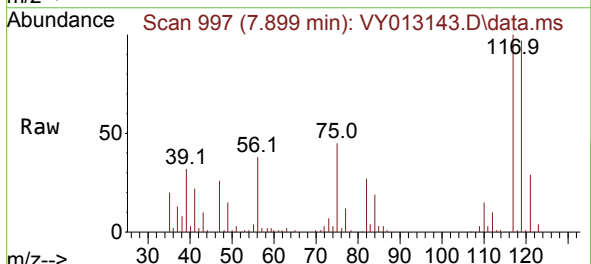
Tgt Ion: 117 Resp: 44489

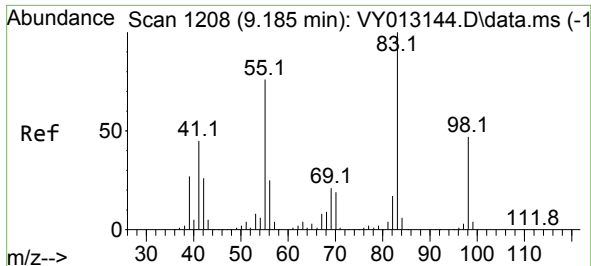
Ion Ratio Lower Upper

117 100

119 97.2 77.2 115.8

121 28.9 24.7 37.1





#39

Methylcyclohexane

Concen: 20.080 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

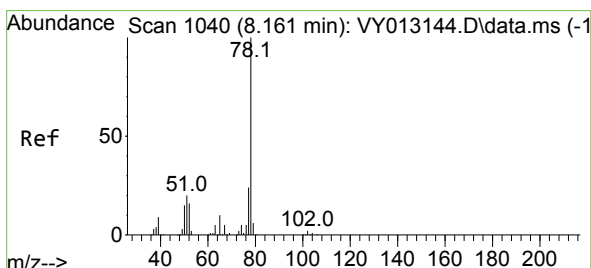
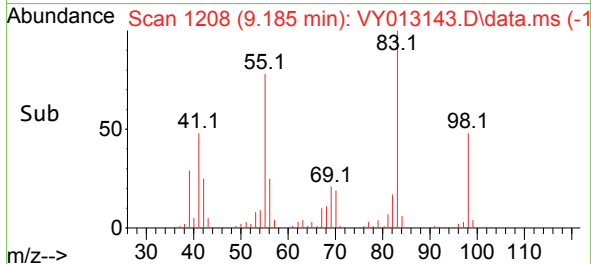
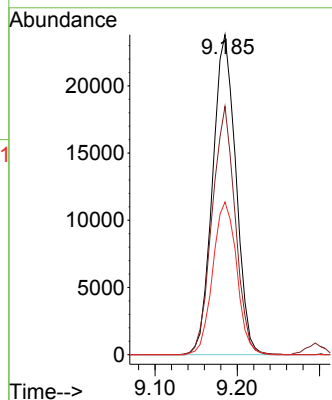
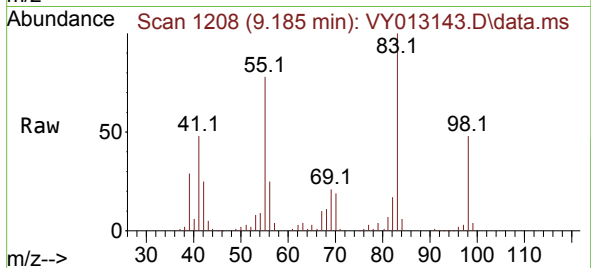
Tgt Ion: 83 Resp: 46829

Ion Ratio Lower Upper

83 100

55 77.6 60.0 90.0

98 47.7 38.3 57.5



#40

Benzene

Concen: 20.232 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013143.D

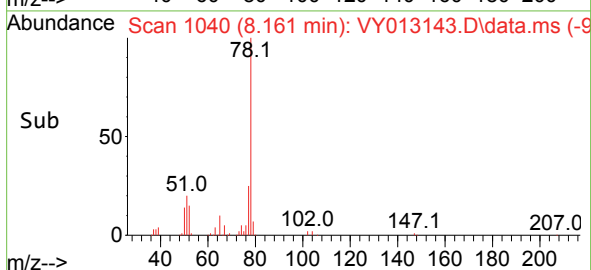
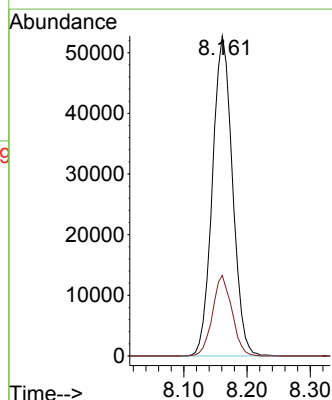
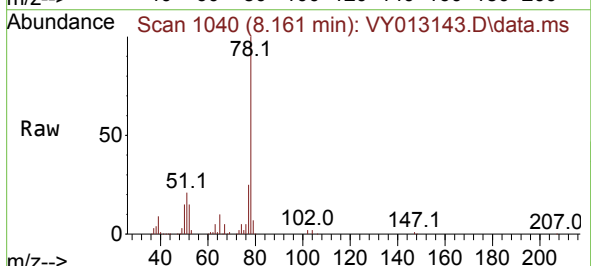
Acq: 30 Mar 2023 10:59

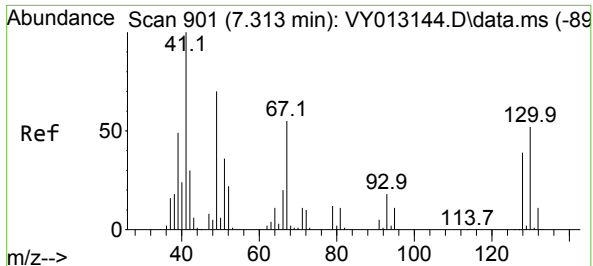
Tgt Ion: 78 Resp: 116163

Ion Ratio Lower Upper

78 100

77 25.2 19.4 29.0

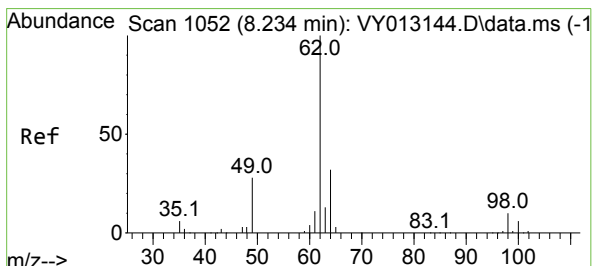
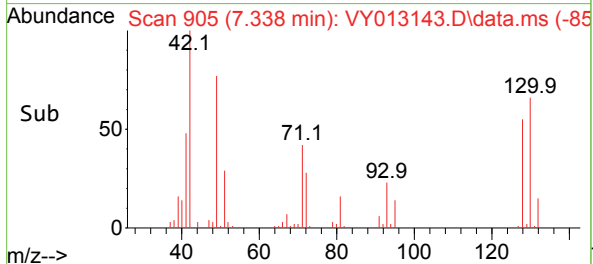
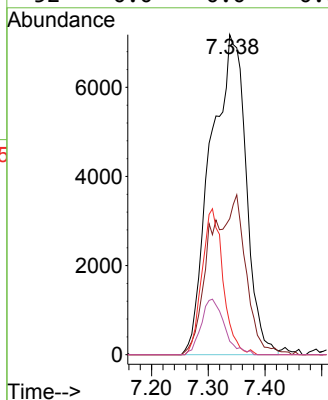
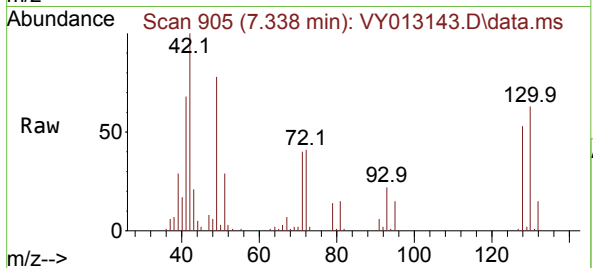




#41
Methacrylonitrile
Concen: 56.583 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

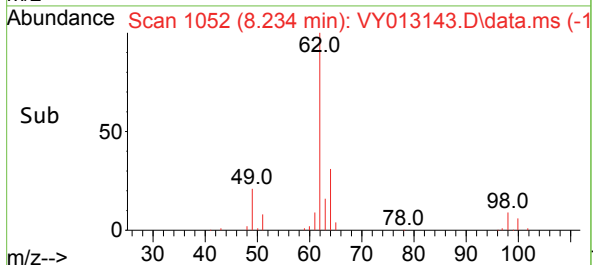
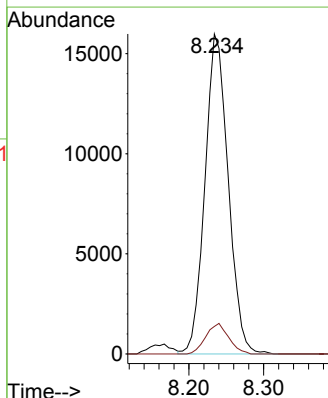
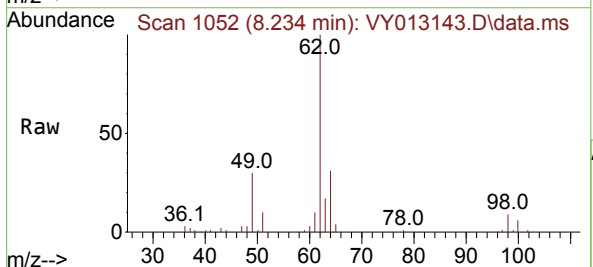
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

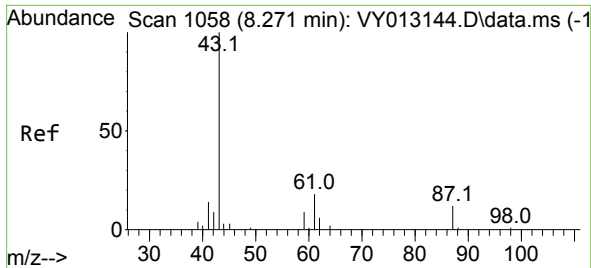
Tgt Ion:	41	Resp:	31038
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.673 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion:	62	Resp:	34605
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

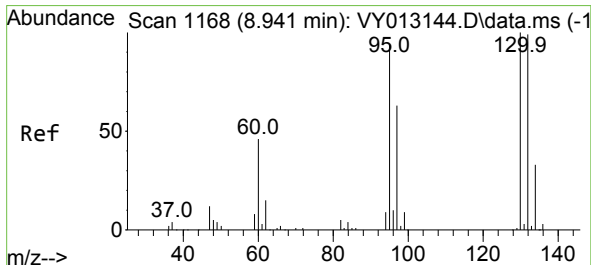
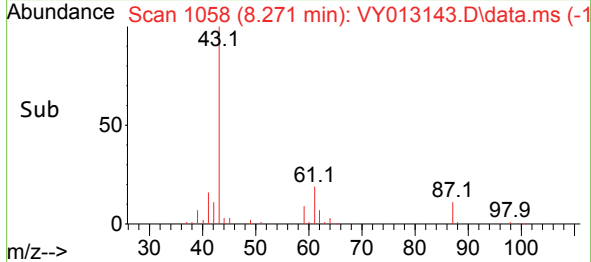
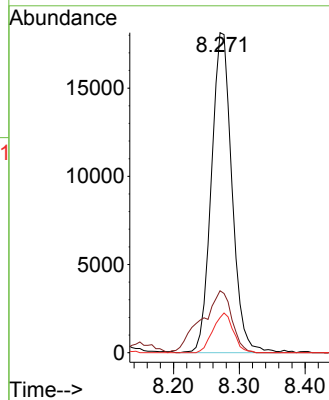
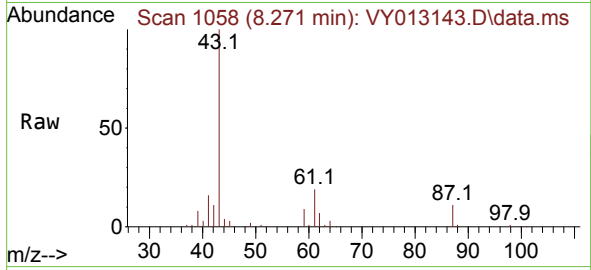




#43
Isopropyl Acetate
Concen: 19.539 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

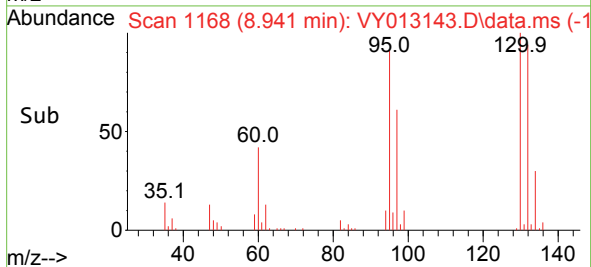
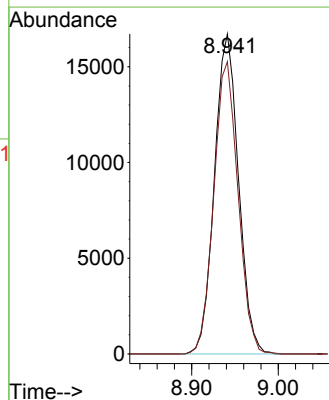
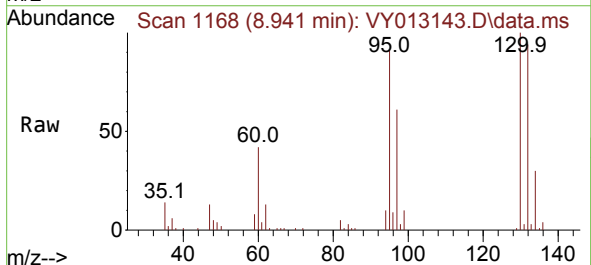
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

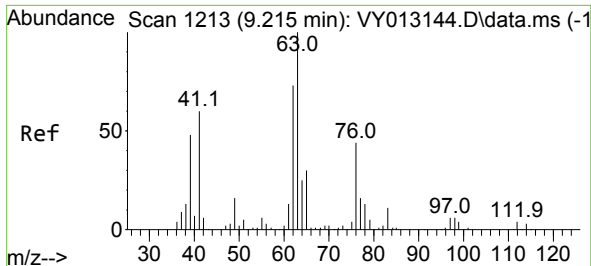
Tgt Ion:	43	Resp:	39493
Ion	Ratio	Lower	Upper
43	100		
61	28.3	21.6	32.4
87	12.3	9.9	14.9



#44
Trichloroethene
Concen: 20.401 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion:	130	Resp:	32244
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.0





#45

1,2-Dichloropropane

Concen: 19.679 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

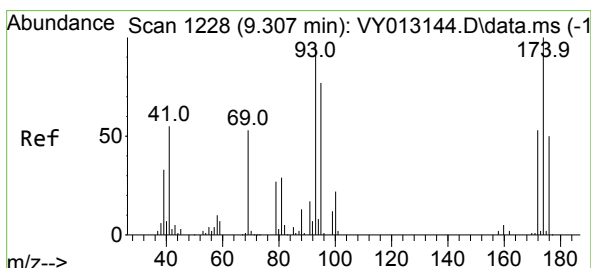
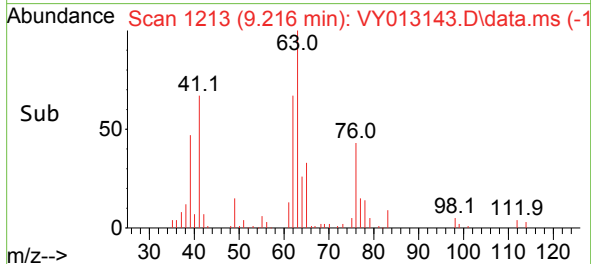
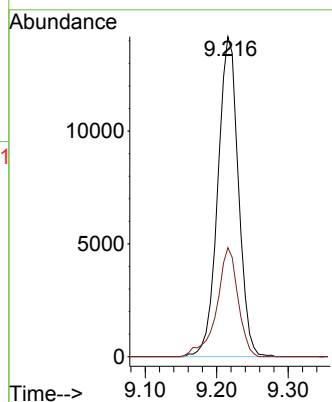
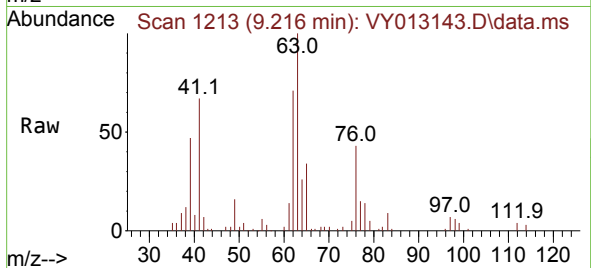
VSTDICC020

Tgt Ion: 63 Resp: 28293

Ion Ratio Lower Upper

63 100

65 34.0 25.7 38.5



#46

Dibromomethane

Concen: 20.199 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

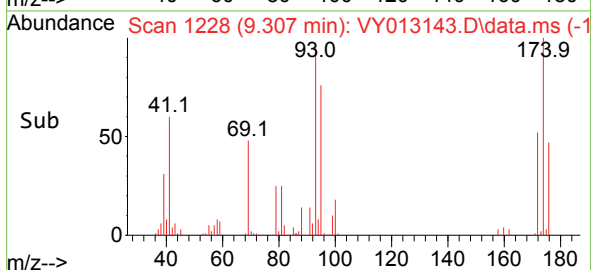
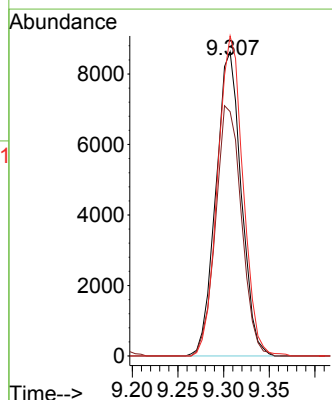
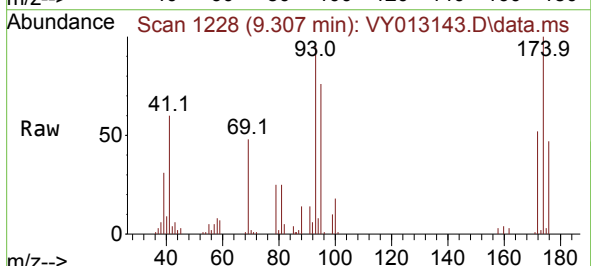
Tgt Ion: 93 Resp: 16682

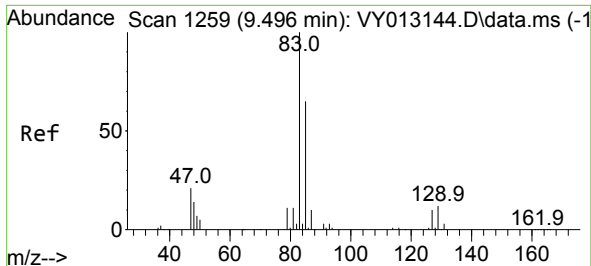
Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

174 105.4 81.3 121.9

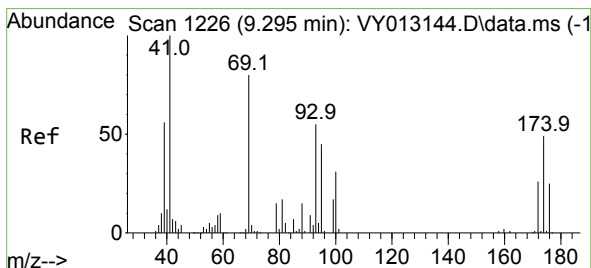
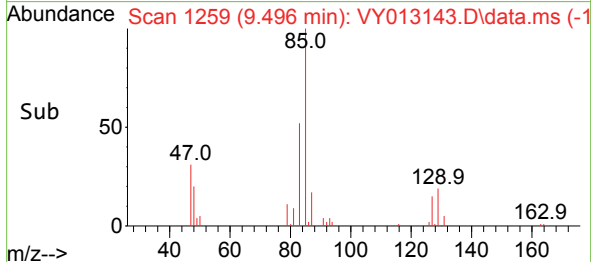
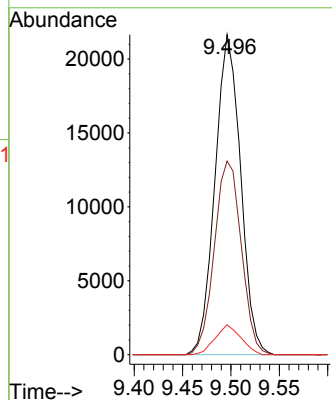
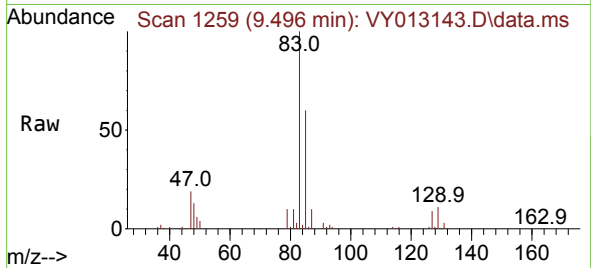




#47
Bromodichloromethane
Concen: 20.015 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

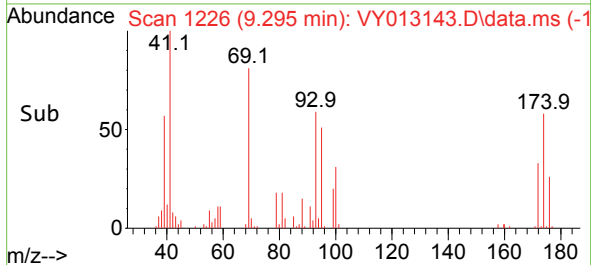
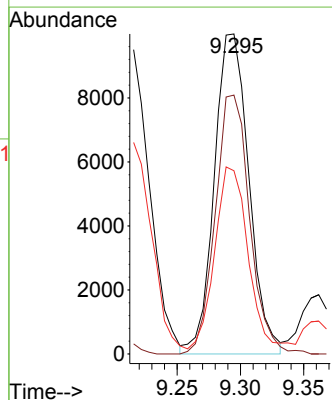
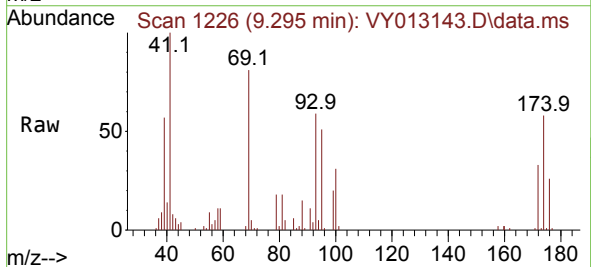
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

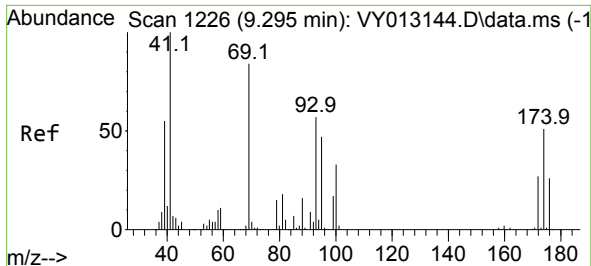
Tgt Ion: 83 Resp: 39887
Ion Ratio Lower Upper
83 100
85 60.5 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 20.211 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 41 Resp: 19026
Ion Ratio Lower Upper
41 100
69 80.4 64.1 96.1
39 54.5 44.0 66.0





#49

1,4-Dioxane

Concen: 390.420 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

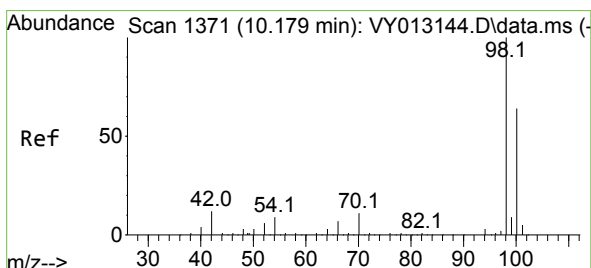
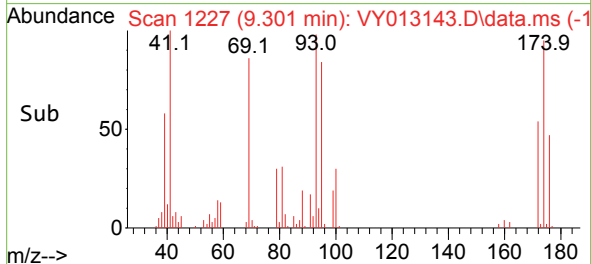
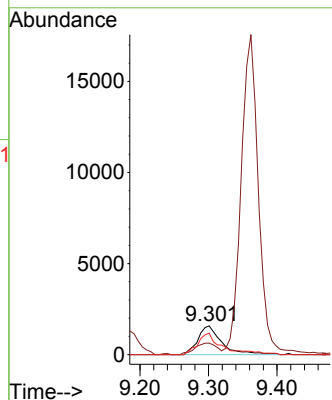
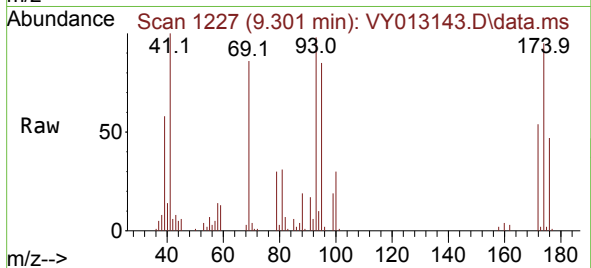
Tgt Ion: 88 Resp: 3836

Ion Ratio Lower Upper

88 100

43 37.0 28.6 42.8

58 78.0 55.2 82.8



#50

Toluene-d8

Concen: 19.839 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013143.D

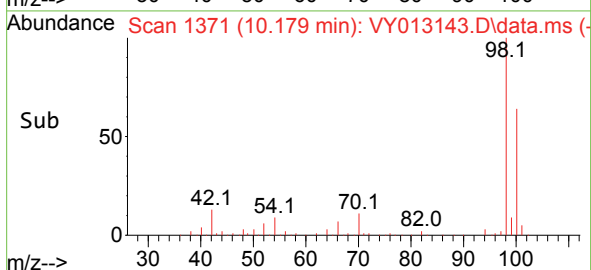
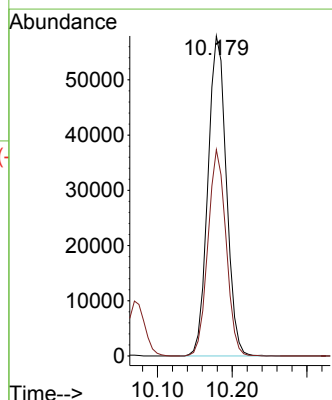
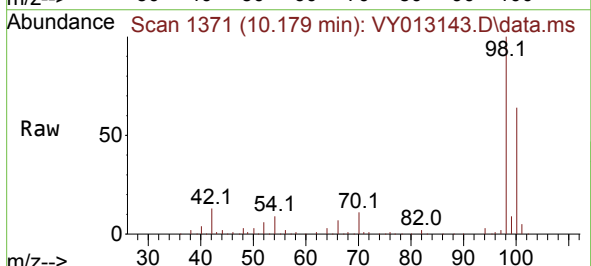
Acq: 30 Mar 2023 10:59

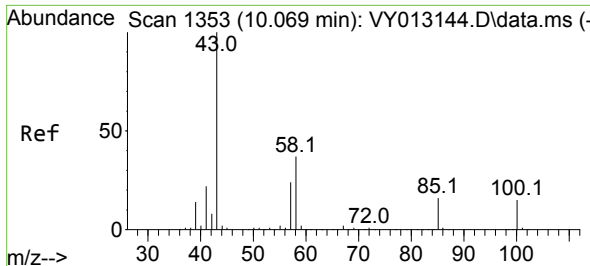
Tgt Ion: 98 Resp: 98894

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3

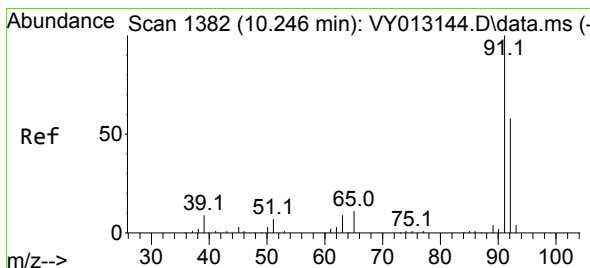
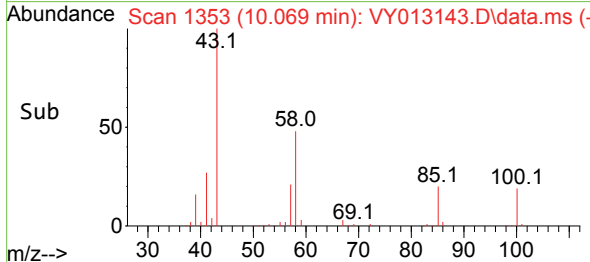
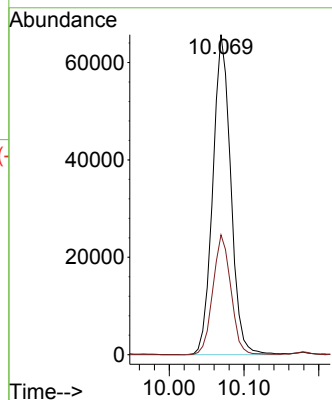
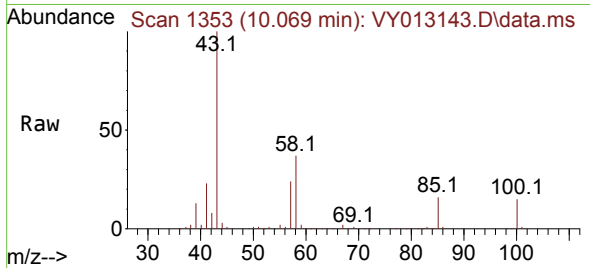




#51
4-Methyl-2-Pentanone
Concen: 100.801 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

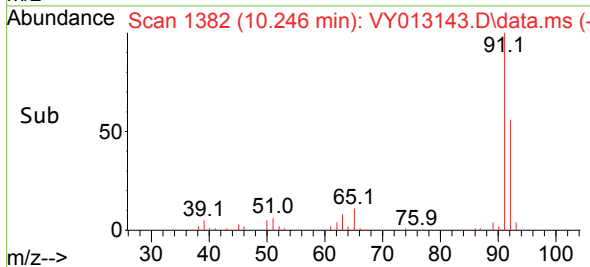
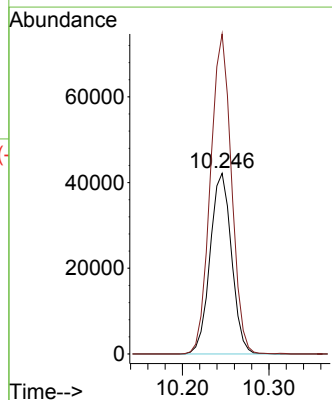
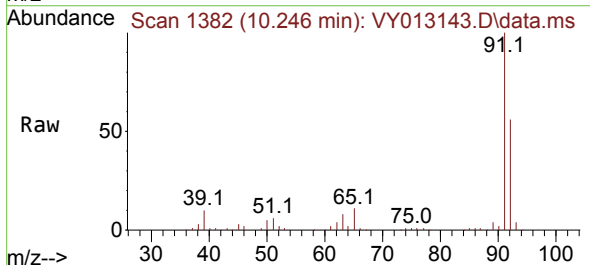
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

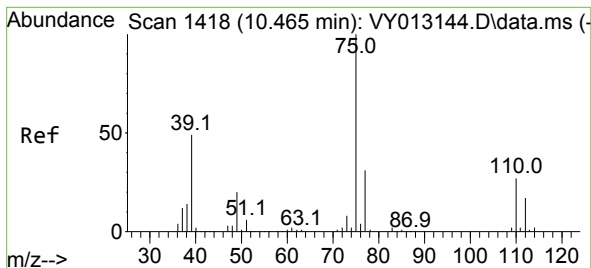
Tgt Ion: 43 Resp: 109960
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6



#52
Toluene
Concen: 20.336 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 92 Resp: 72426
Ion Ratio Lower Upper
92 100
91 173.7 141.3 211.9

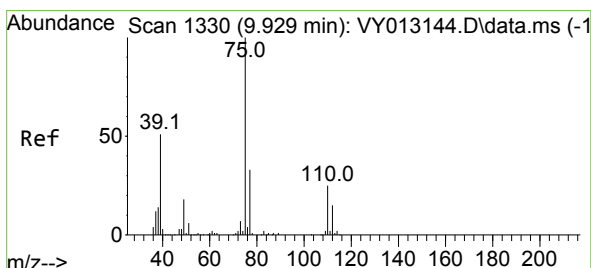
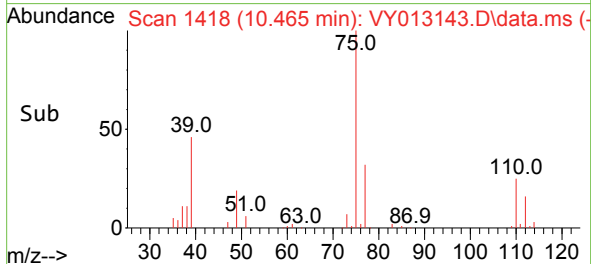
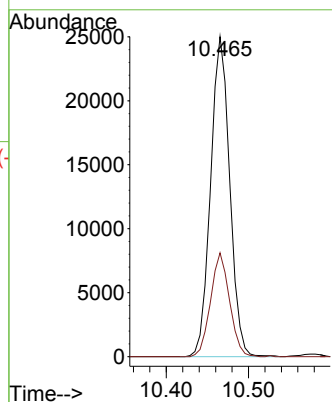
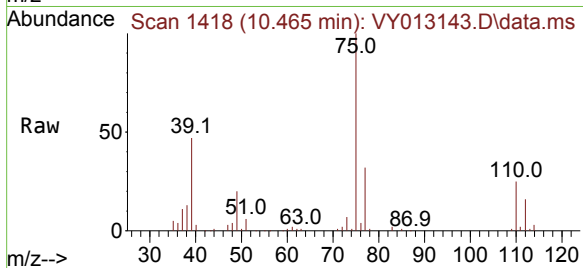




#53
 t-1,3-Dichloropropene
 Concen: 19.841 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013143.D
 Acq: 30 Mar 2023 10:59

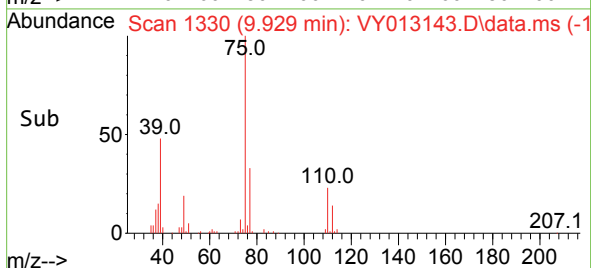
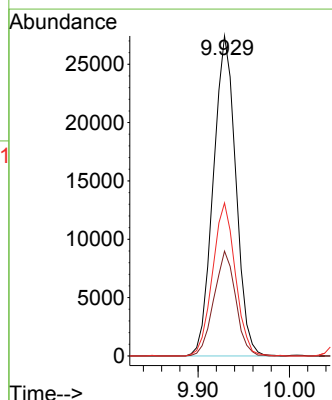
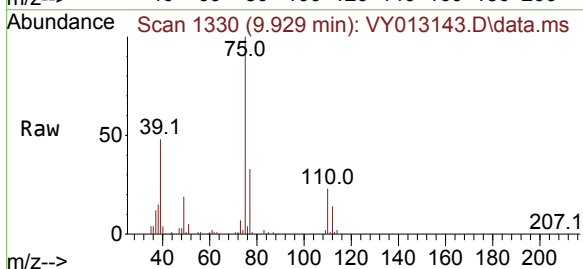
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

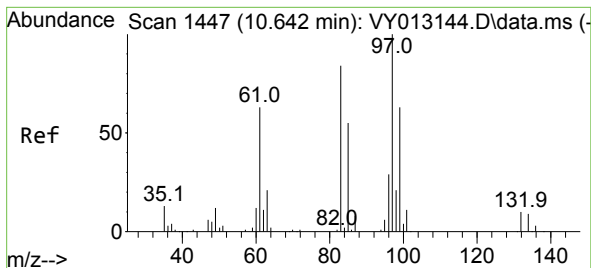
Tgt Ion: 75 Resp: 40415
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.166 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013143.D
 Acq: 30 Mar 2023 10:59

Tgt Ion: 75 Resp: 46912
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 47.8 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 20.568 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 23481

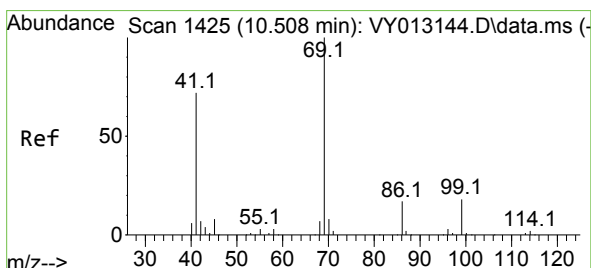
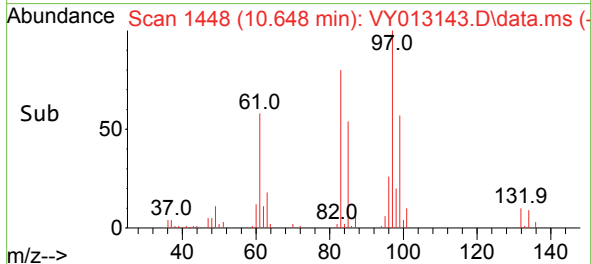
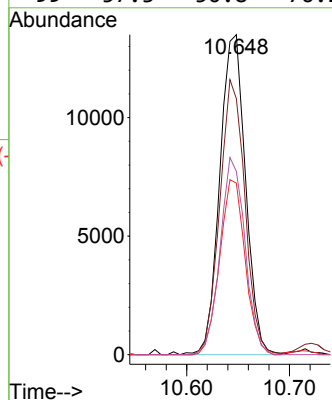
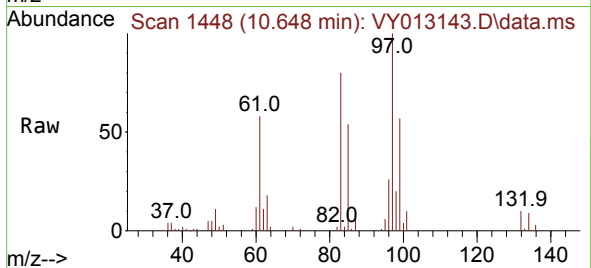
Ion Ratio Lower Upper

97 100

83 80.0 69.0 103.6

85 53.6 44.9 67.3

99 57.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 19.830 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

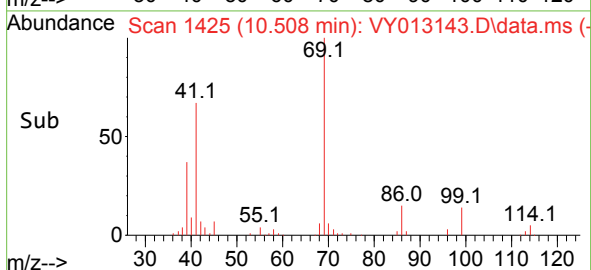
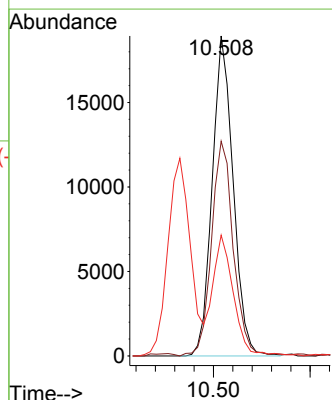
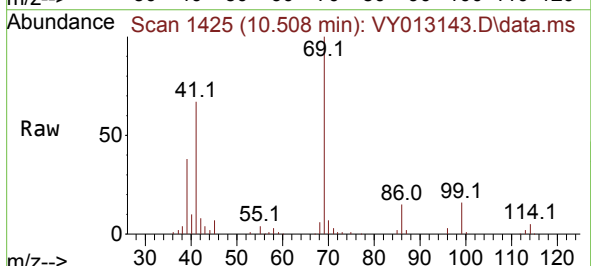
Tgt Ion: 69 Resp: 28464

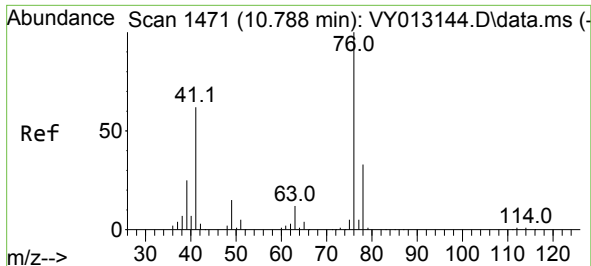
Ion Ratio Lower Upper

69 100

41 70.1 56.4 84.6

39 37.3 30.8 46.2

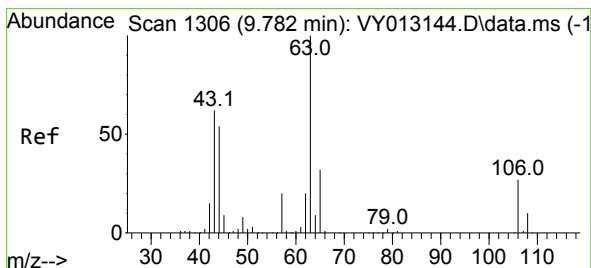
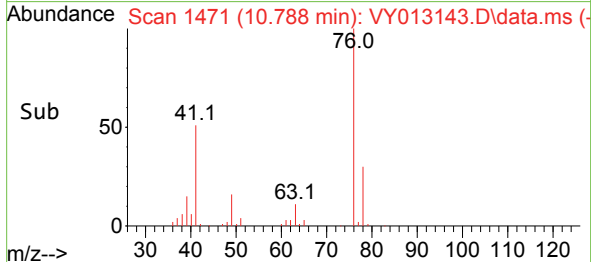
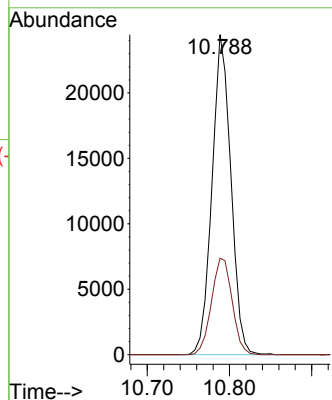
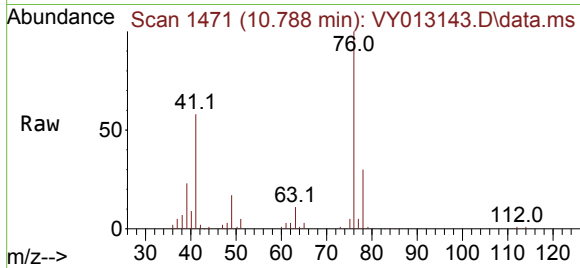




#57
1,3-Dichloropropane
Concen: 20.231 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

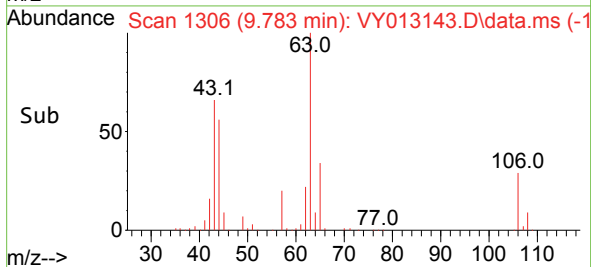
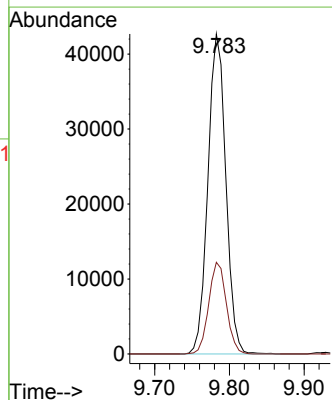
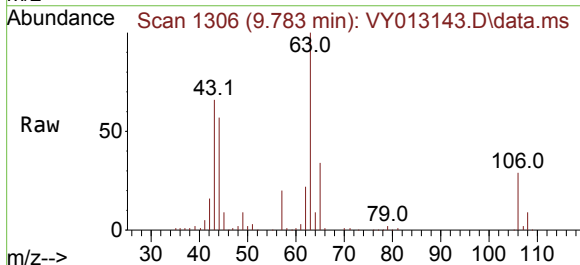
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

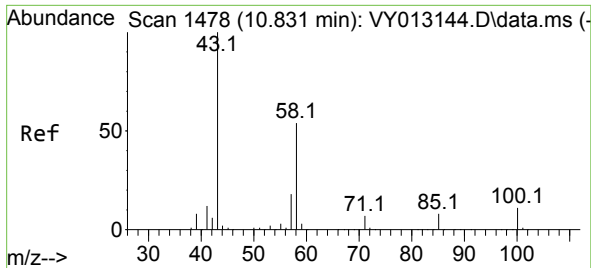
Tgt Ion: 76 Resp: 38991
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 105.907 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 63 Resp: 71080
Ion Ratio Lower Upper
63 100
106 28.2 22.1 33.1

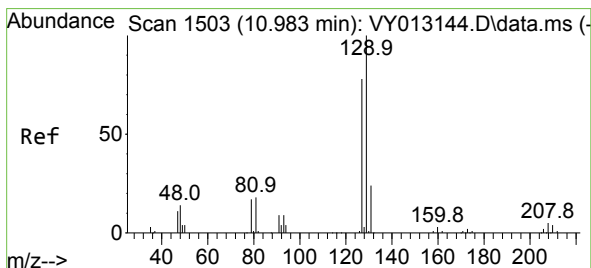
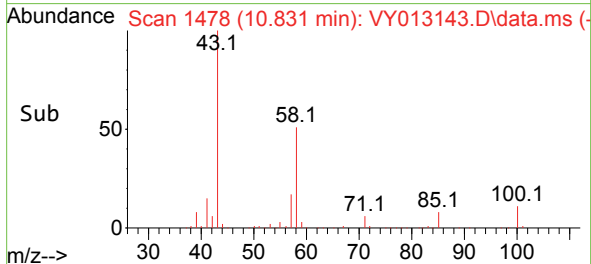
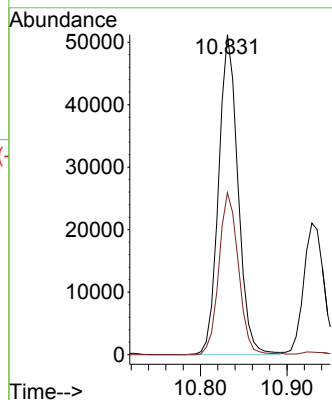
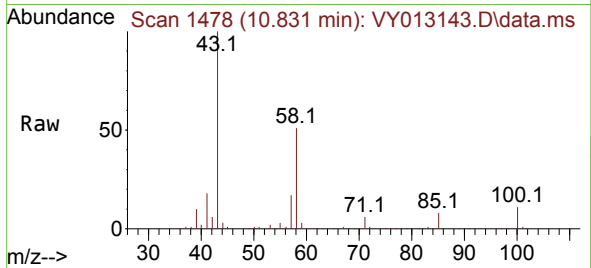




#59
2-Hexanone
Concen: 100.844 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

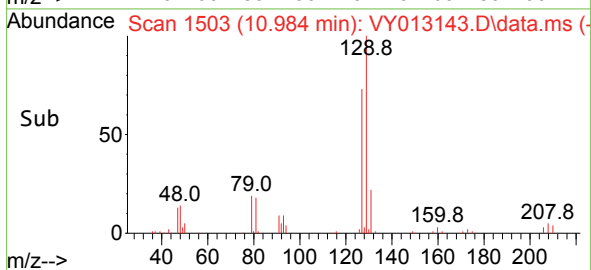
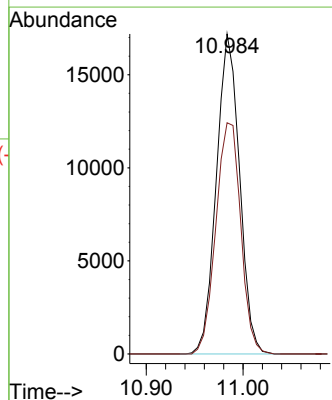
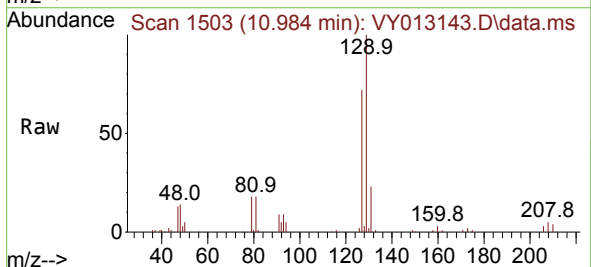
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

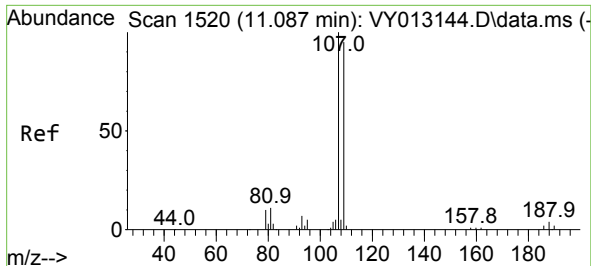
Tgt Ion: 43 Resp: 79560
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8



#60
Dibromochloromethane
Concen: 19.915 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 129 Resp: 28555
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

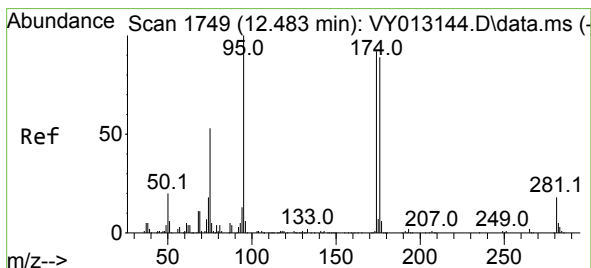
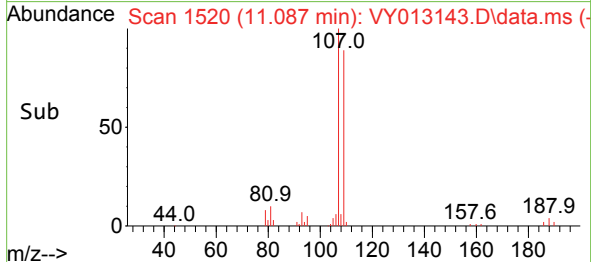
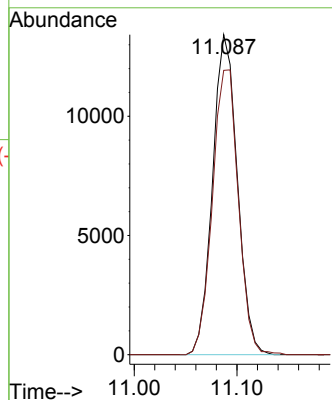
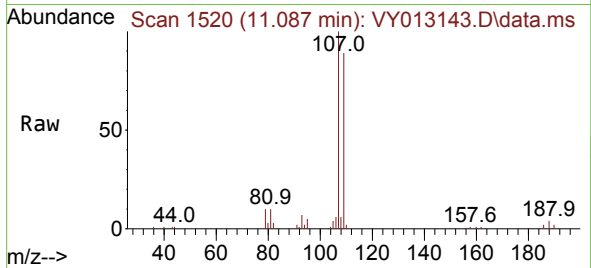




#61
1,2-Dibromoethane
Concen: 20.298 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

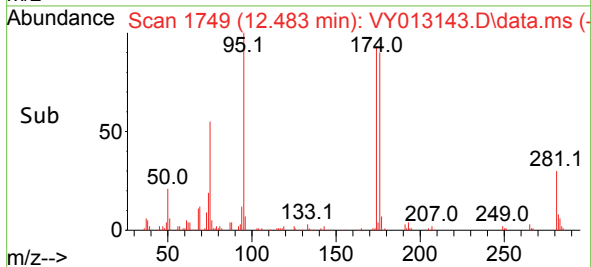
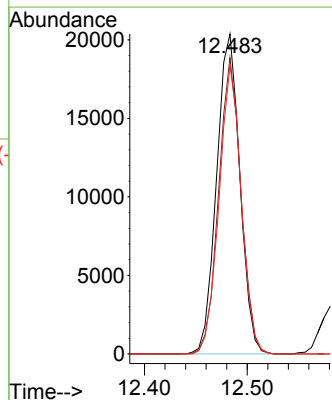
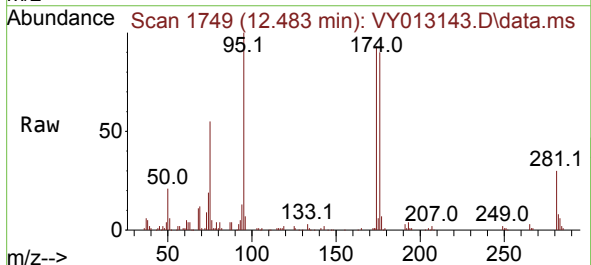
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

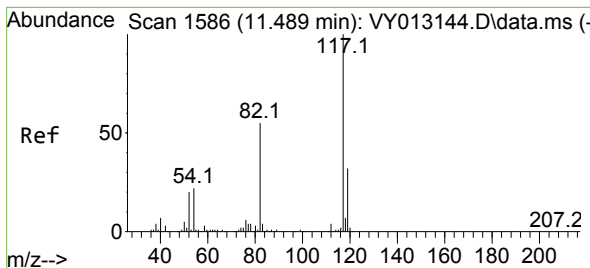
Tgt Ion:107 Resp: 22452
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 19.735 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 95 Resp: 32021
Ion Ratio Lower Upper
95 100
174 88.5 0.0 176.6
176 86.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

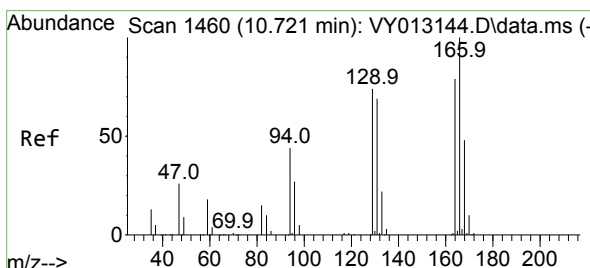
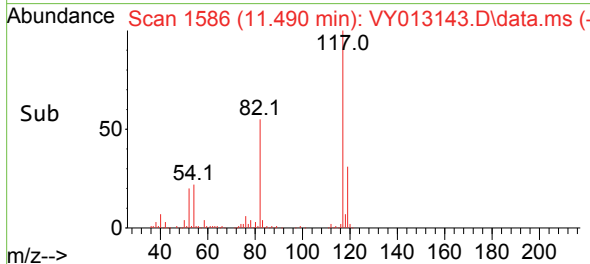
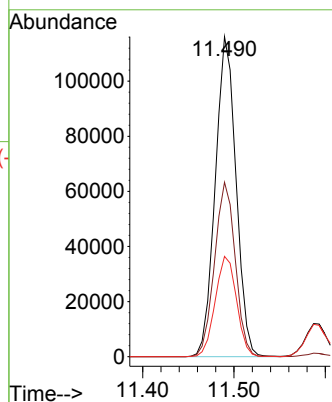
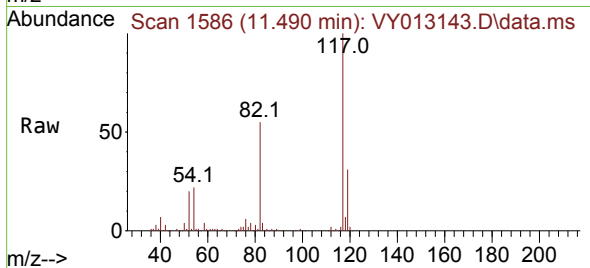
Tgt Ion:117 Resp: 183488

Ion Ratio Lower Upper

117 100

82 54.5 45.4 68.0

119 31.3 25.6 38.4



#64

Tetrachloroethene

Concen: 20.397 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Tgt Ion:164 Resp: 28773

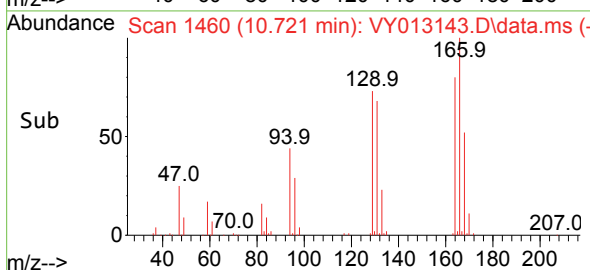
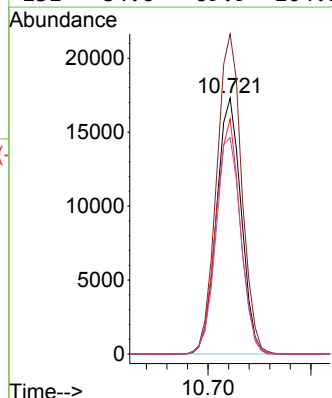
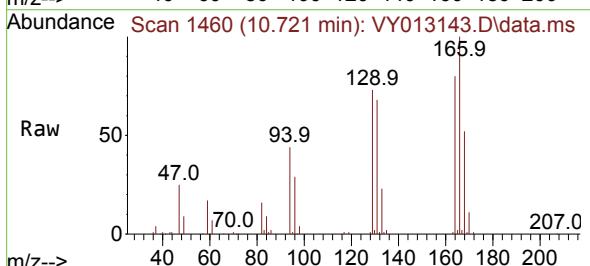
Ion Ratio Lower Upper

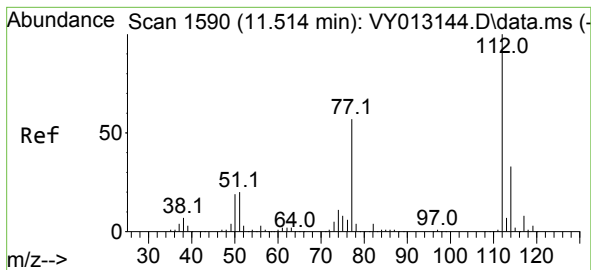
164 100

166 125.2 103.4 155.2

129 92.0 71.4 107.2

131 84.6 69.9 104.9

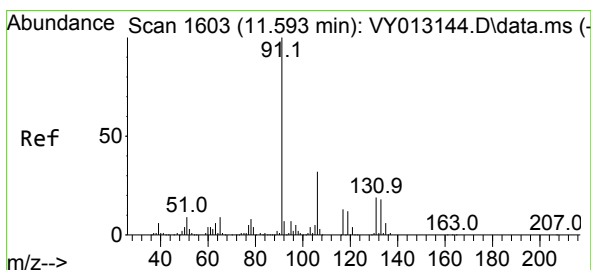
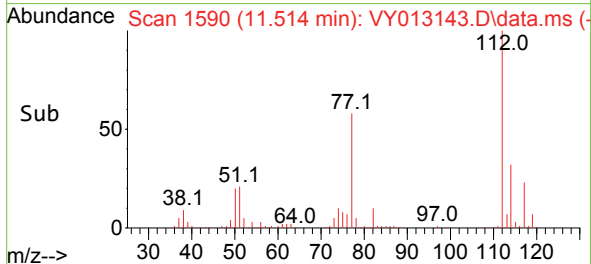
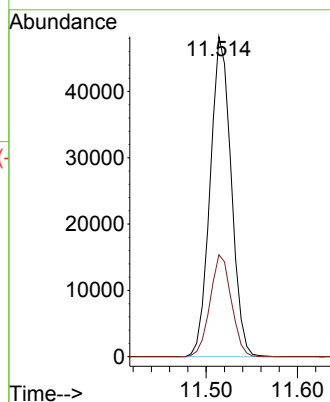
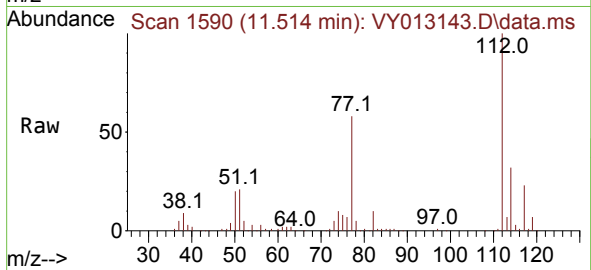




#65
Chlorobenzene
Concen: 19.793 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

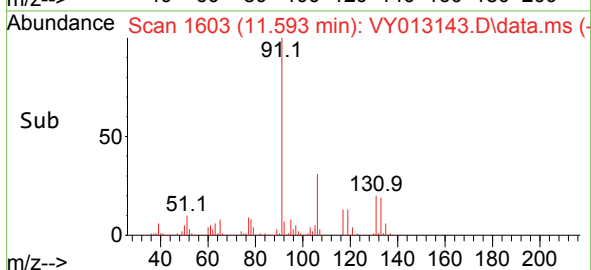
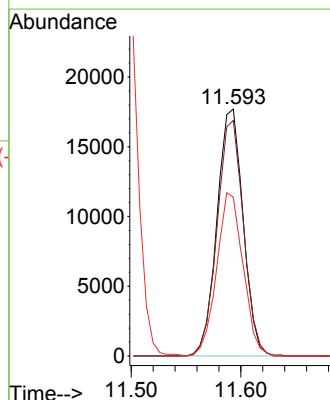
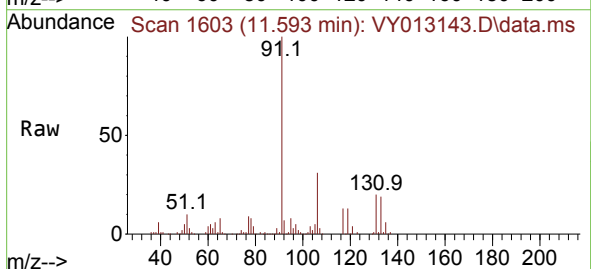
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

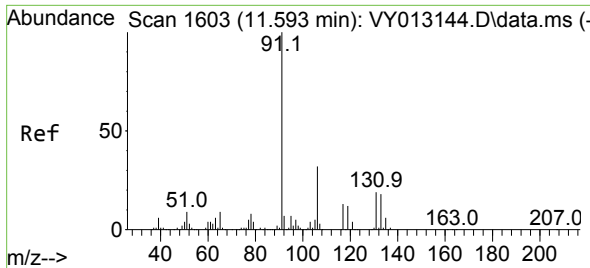
Tgt Ion:112 Resp: 77101
Ion Ratio Lower Upper
112 100
114 31.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.070 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion:131 Resp: 29309
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 66.7 32.6 98.0

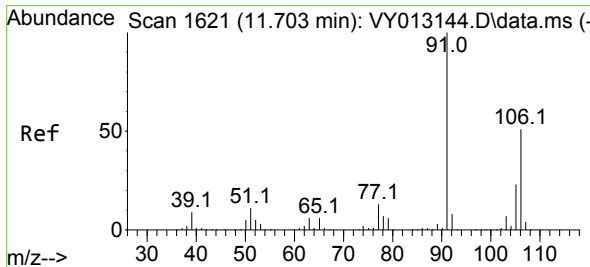
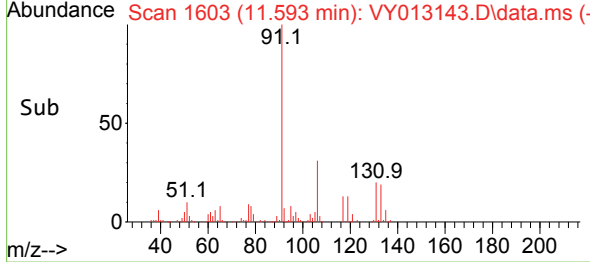
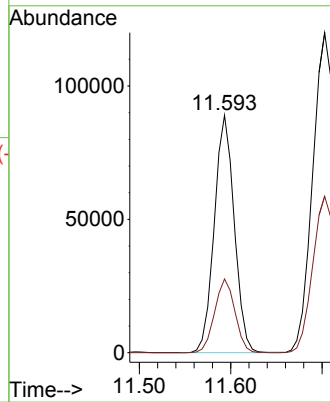
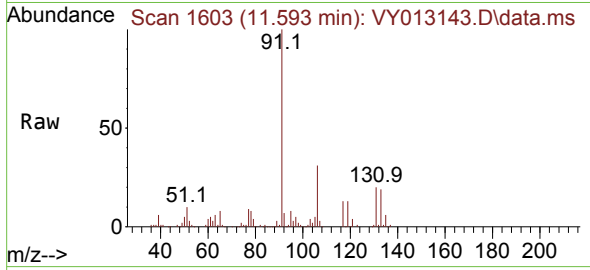




#67
Ethyl Benzene
Concen: 20.082 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

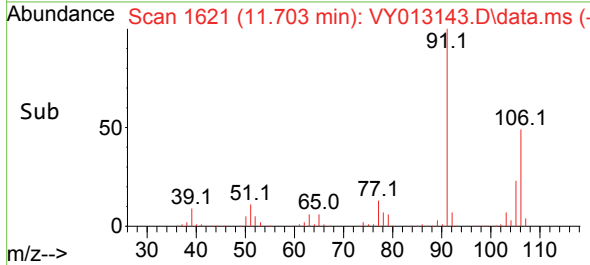
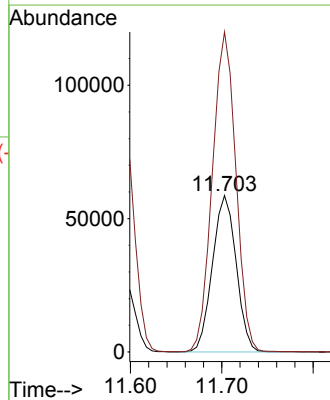
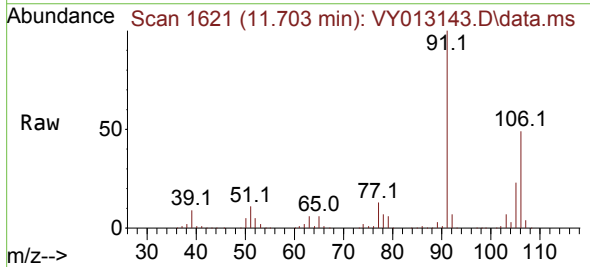
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

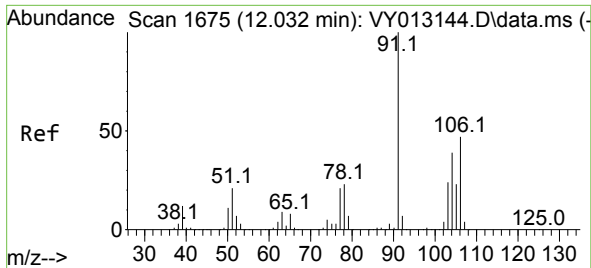
Tgt Ion: 91 Resp: 135105
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 40.640 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion:106 Resp: 105766
Ion Ratio Lower Upper
106 100
91 202.6 159.8 239.8

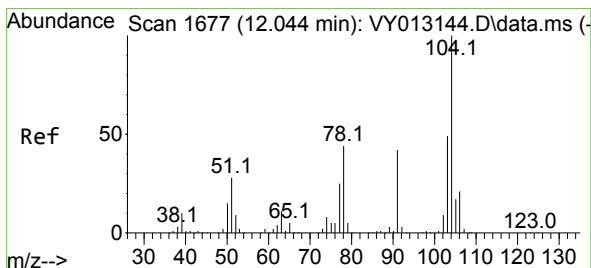
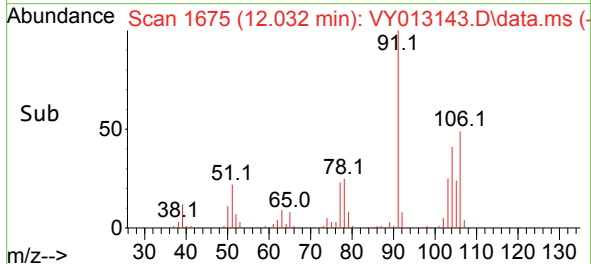
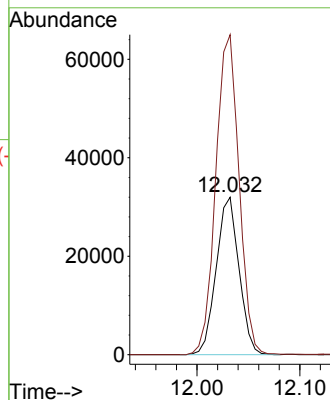
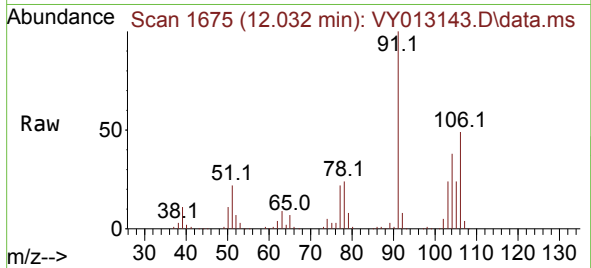




#69
o-Xylene
Concen: 20.391 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

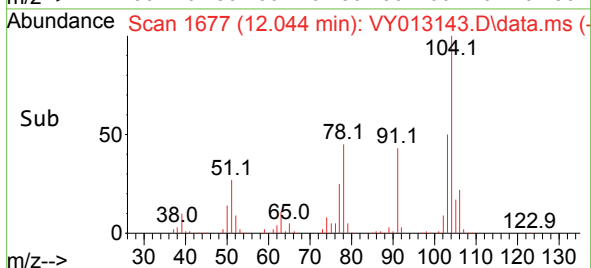
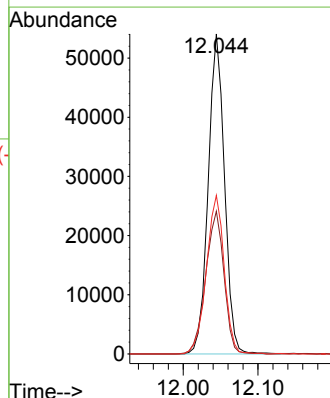
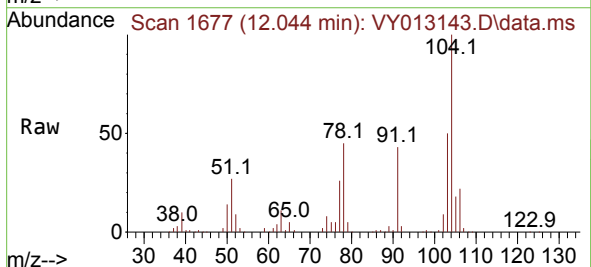
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

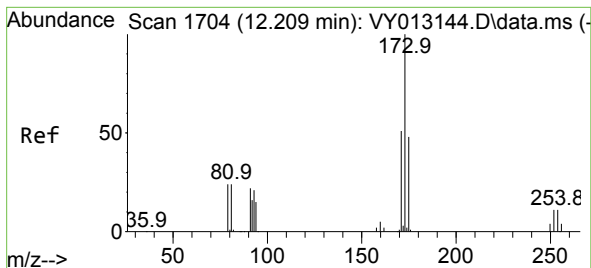
Tgt Ion:106 Resp: 49222
Ion Ratio Lower Upper
106 100
91 207.8 107.2 321.6



#70
Styrene
Concen: 20.287 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion:104 Resp: 81923
Ion Ratio Lower Upper
104 100
78 50.0 39.2 58.8
103 54.2 43.7 65.5





#71

Bromoform

Concen: 20.118 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

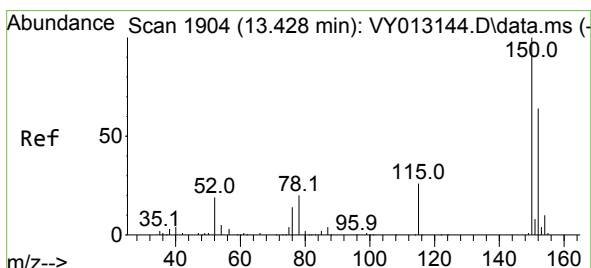
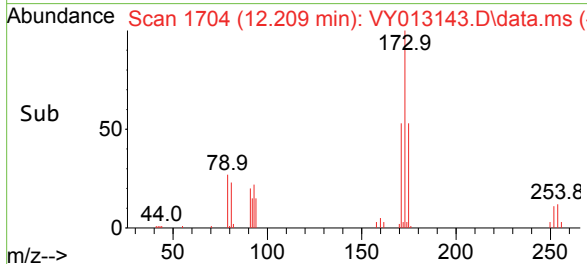
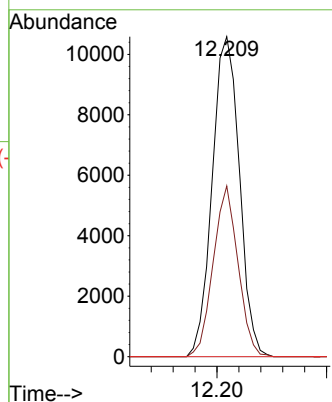
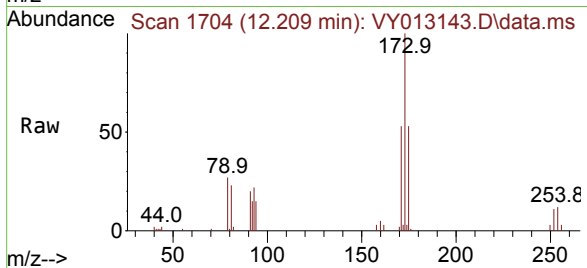
Tgt Ion:173 Resp: 18218

Ion Ratio Lower Upper

173 100

175 48.7 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

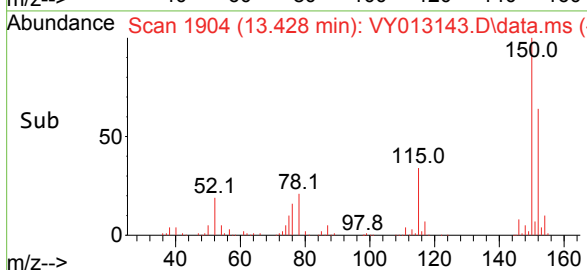
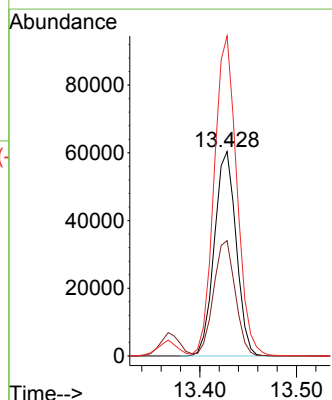
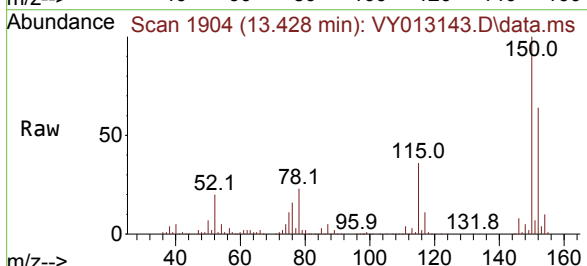
Tgt Ion:152 Resp: 94479

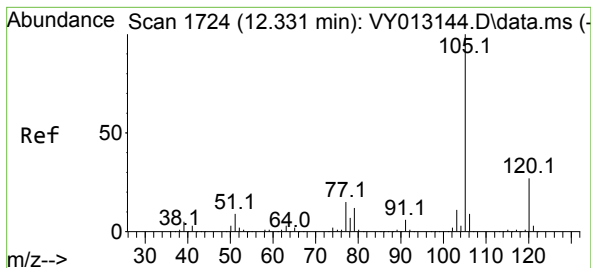
Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 162.5 0.0 347.8





#73

Isopropylbenzene

Concen: 19.909 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

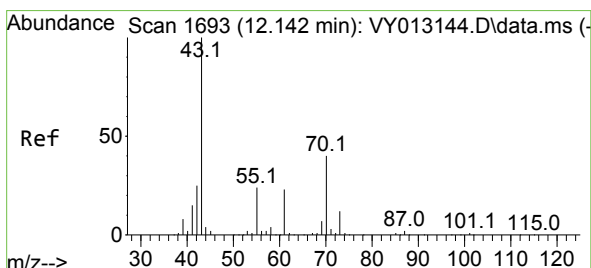
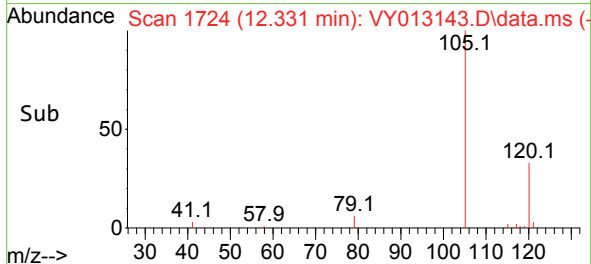
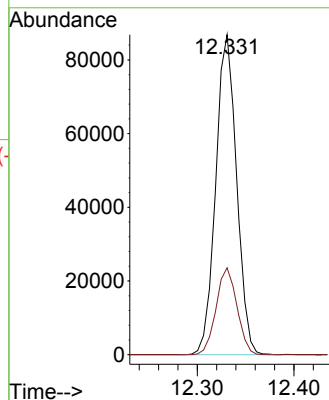
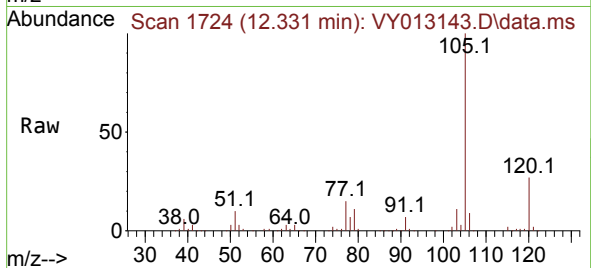
VSTDIC020

Tgt Ion:105 Resp: 129839

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 19.478 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Tgt Ion: 43 Resp: 34878

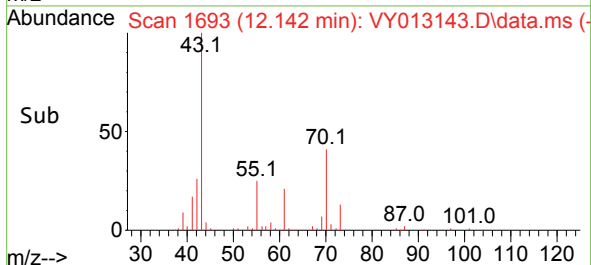
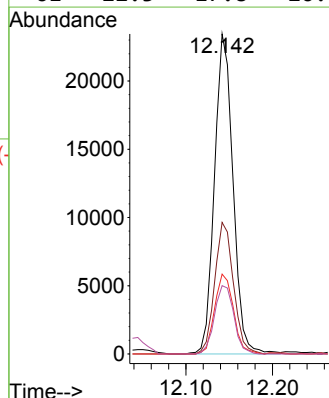
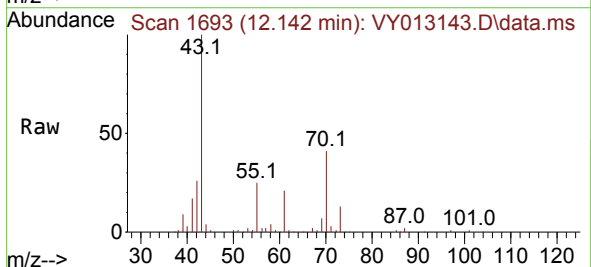
Ion Ratio Lower Upper

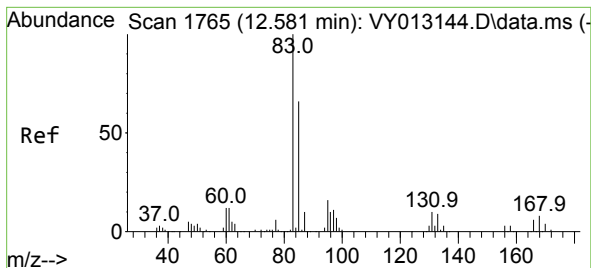
43 100

70 41.6 31.6 47.4

55 25.4 18.8 28.2

61 22.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.188 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

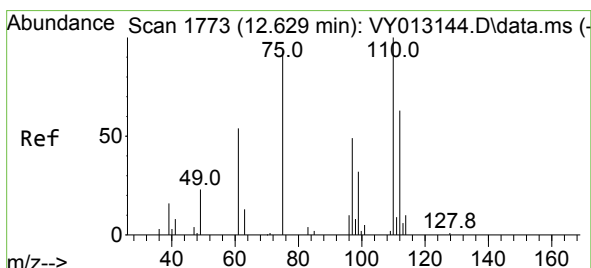
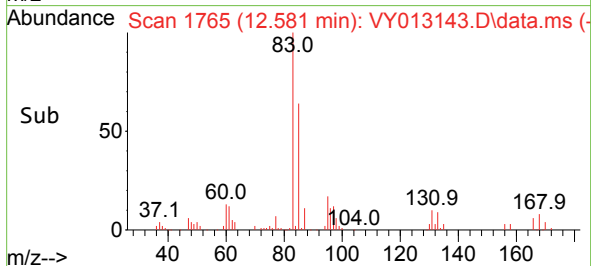
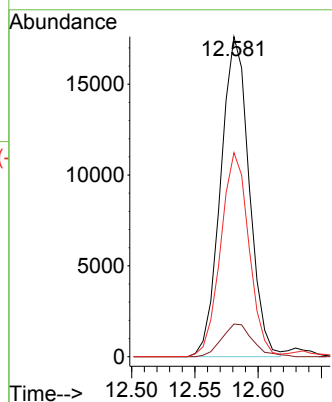
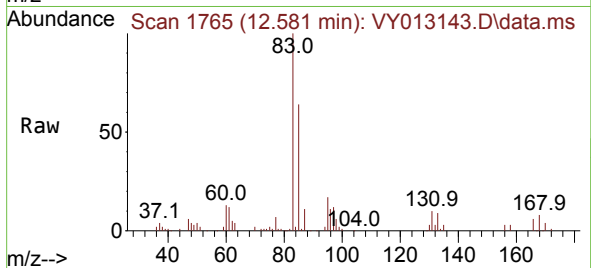
Tgt Ion: 83 Resp: 27579

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.2

85 63.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 33.338 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY013143.D

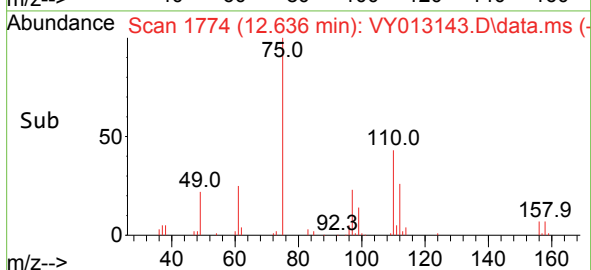
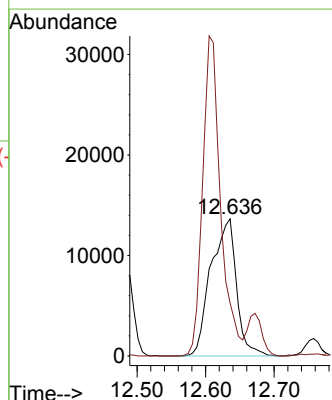
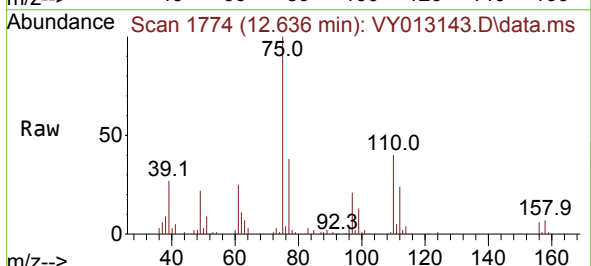
Acq: 30 Mar 2023 10:59

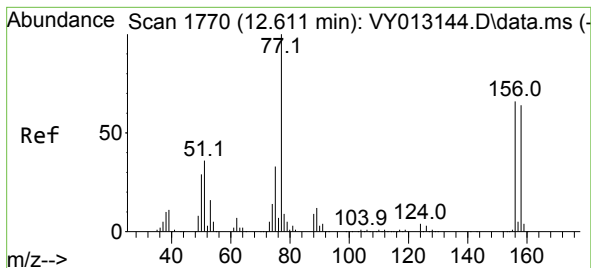
Tgt Ion: 75 Resp: 35375

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.859 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

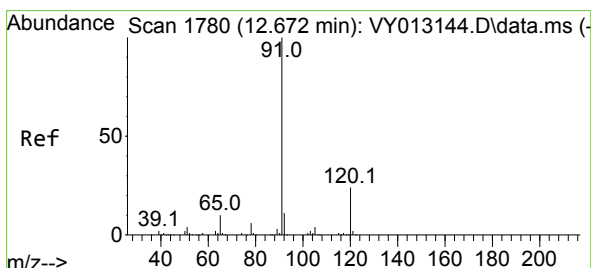
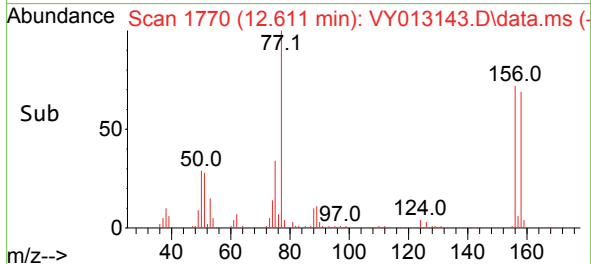
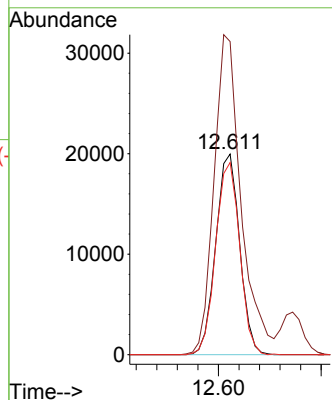
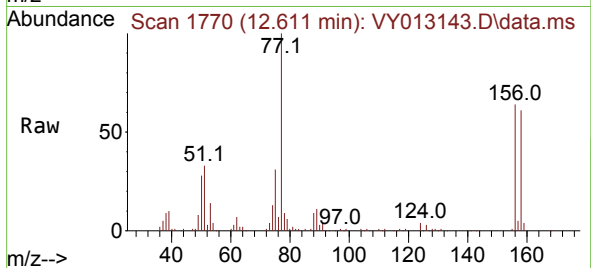
Tgt Ion:156 Resp: 32200

Ion Ratio Lower Upper

156 100

77 180.9 94.0 282.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 20.078 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013143.D

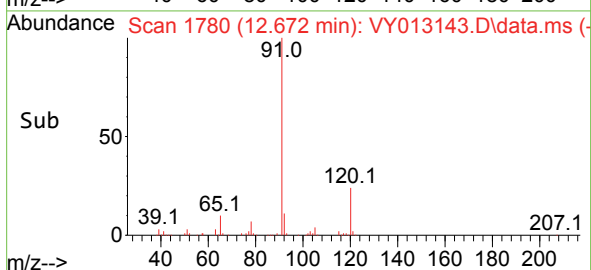
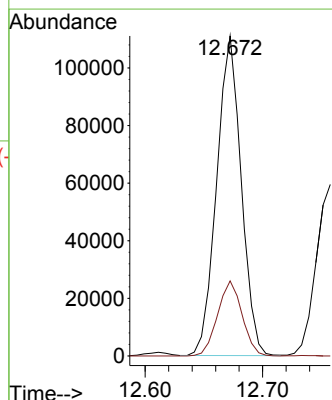
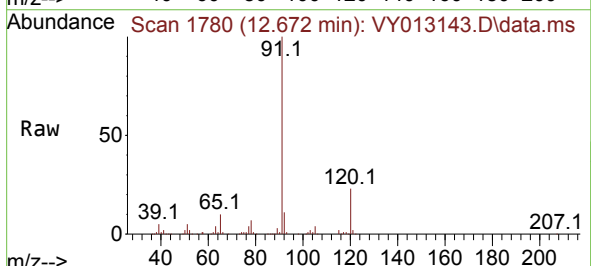
Acq: 30 Mar 2023 10:59

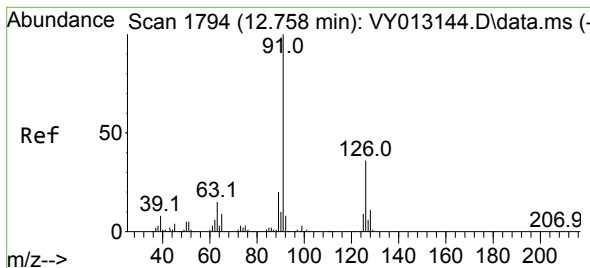
Tgt Ion: 91 Resp: 161001

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8

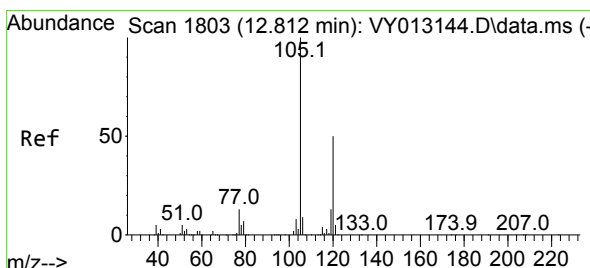
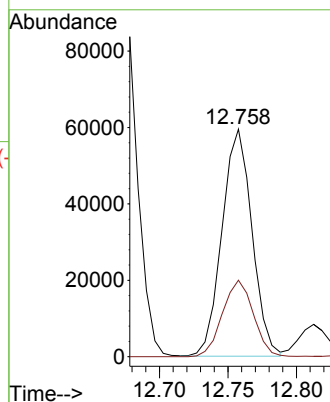
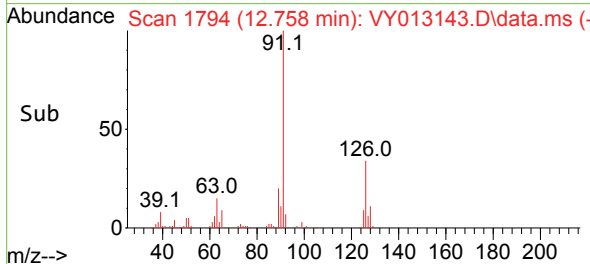
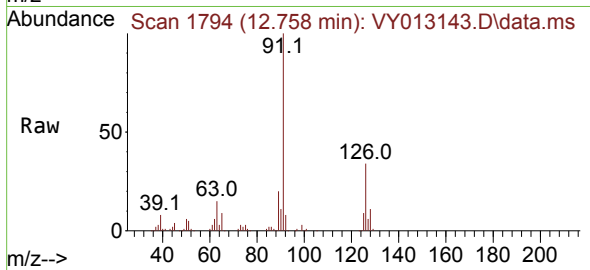




#79
2-Chlorotoluene
Concen: 19.922 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

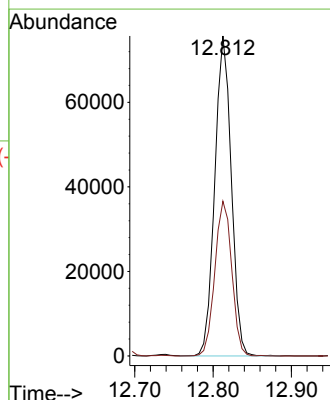
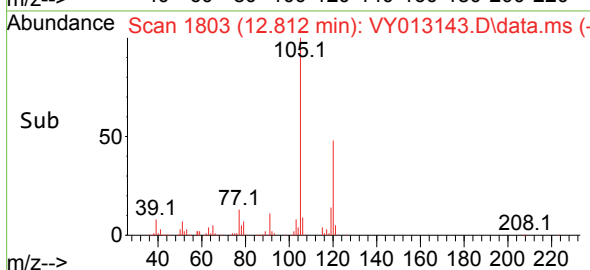
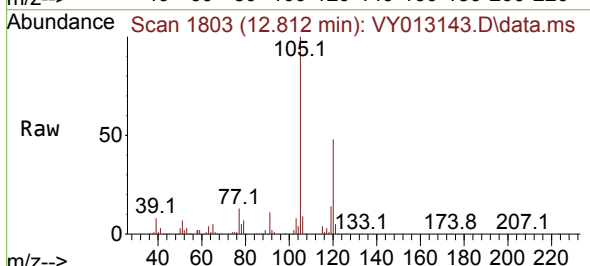
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

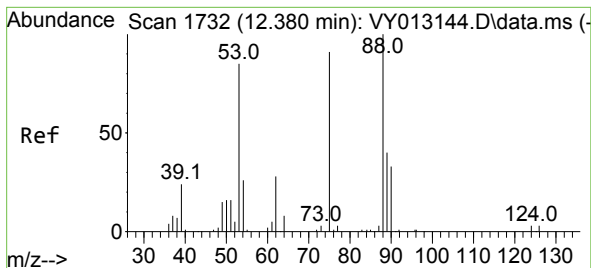
Tgt Ion: 91 Resp: 90651
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.370 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 105 Resp: 111069
Ion Ratio Lower Upper
105 100
120 49.4 24.8 74.4

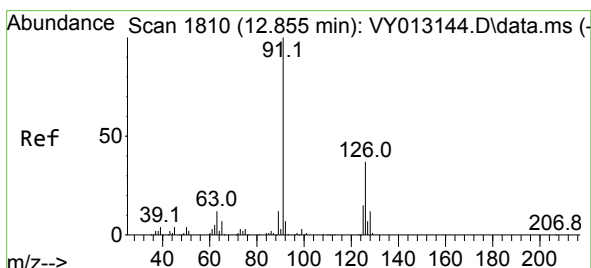
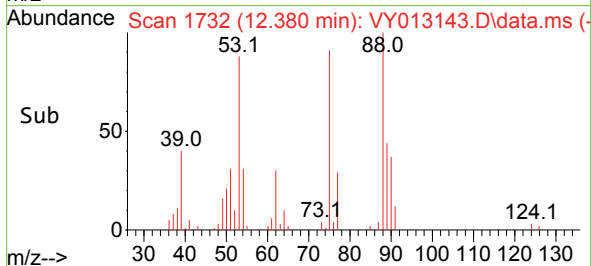
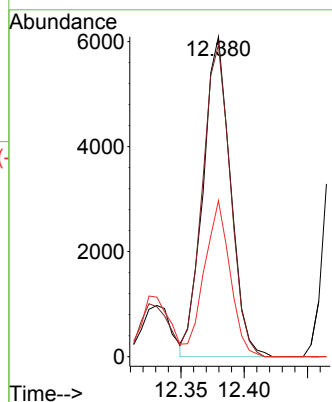
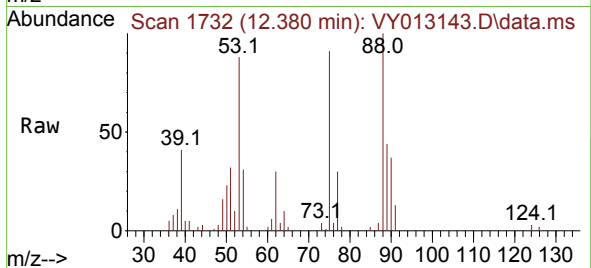




#81
trans-1,4-Dichloro-2-butene
Concen: 19.341 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

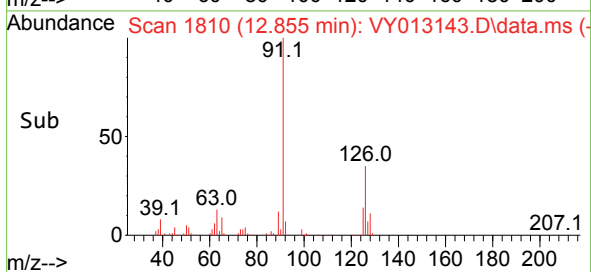
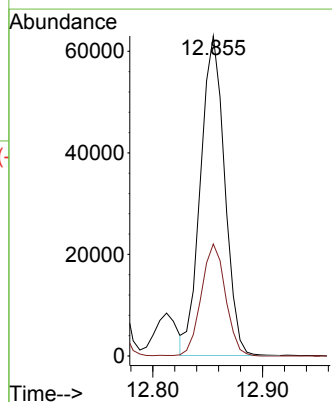
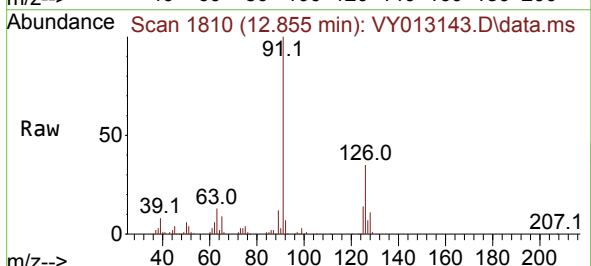
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

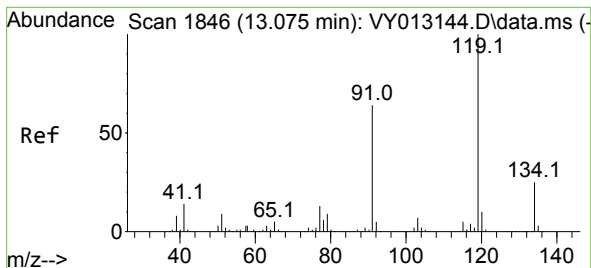
Tgt Ion: 75 Resp: 9205
Ion Ratio Lower Upper
75 100
53 99.2 73.4 110.0
89 45.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.300 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 91 Resp: 96130
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.236 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

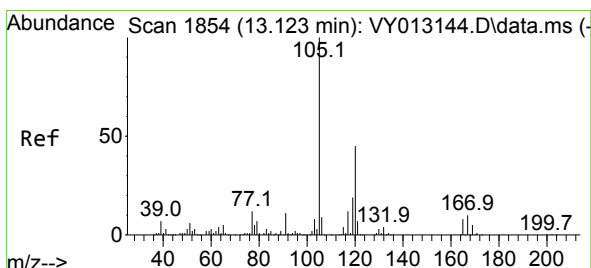
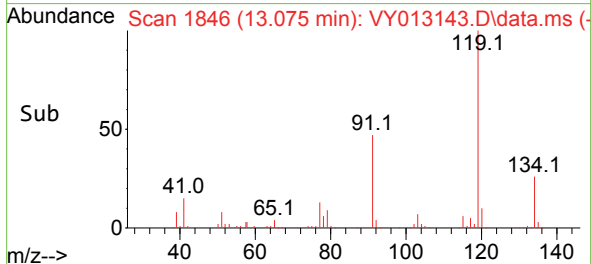
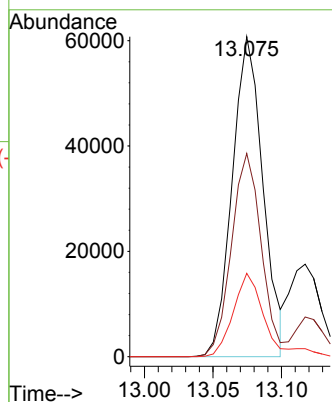
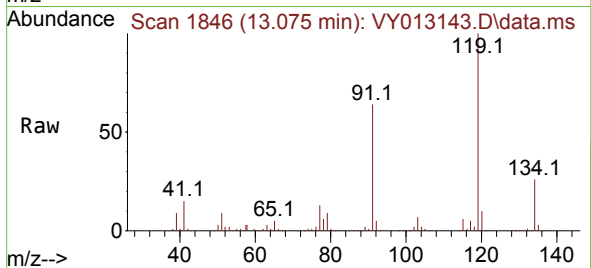
Tgt Ion:119 Resp: 94772

Ion Ratio Lower Upper

119 100

91 61.6 32.8 98.3

134 26.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.501 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013143.D

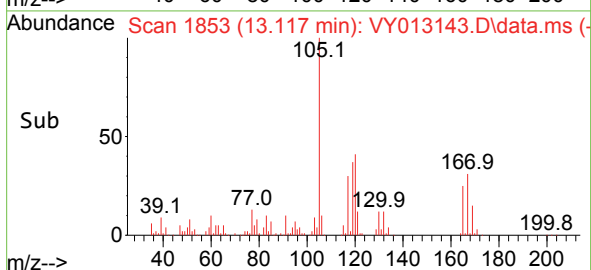
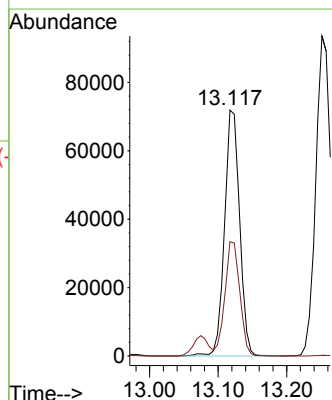
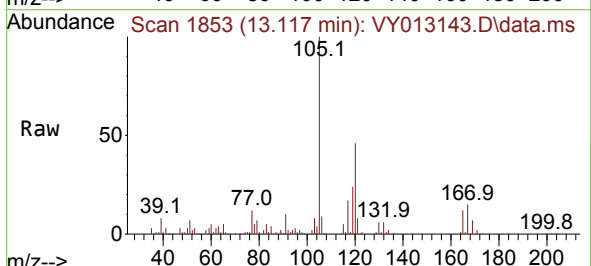
Acq: 30 Mar 2023 10:59

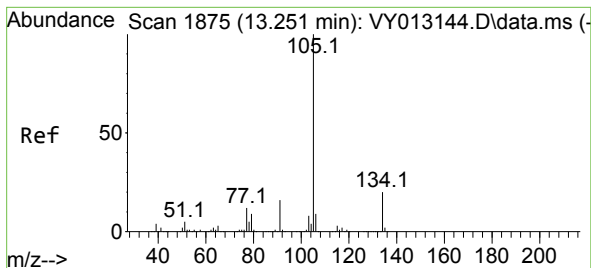
Tgt Ion:105 Resp: 109471

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.292 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

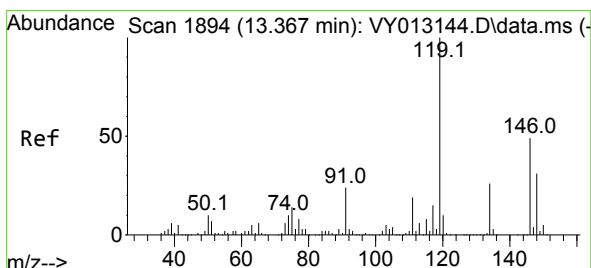
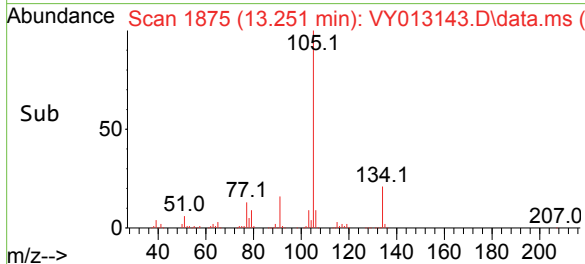
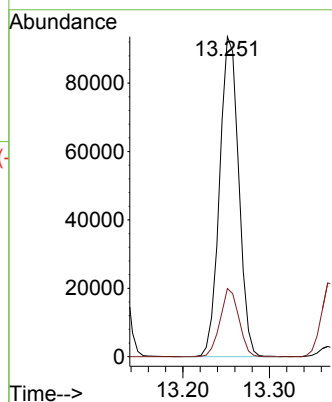
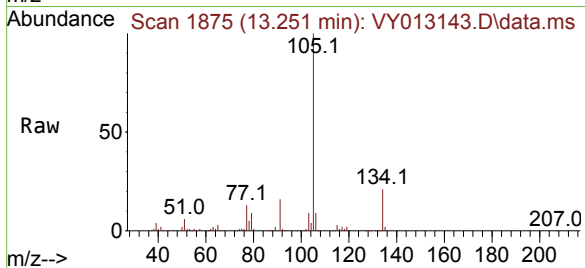
VSTDICC020

Tgt Ion:105 Resp: 143492

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.273 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

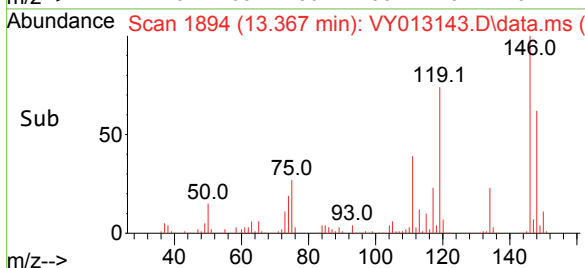
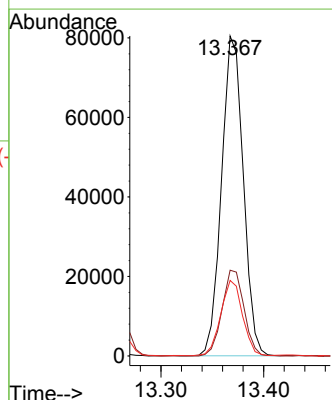
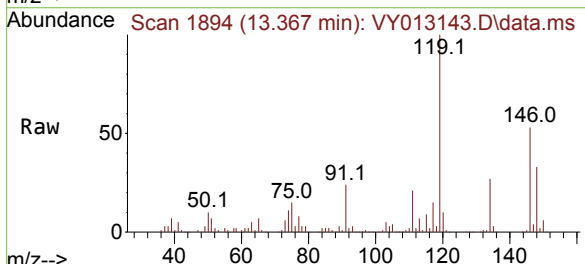
Tgt Ion:119 Resp: 118016

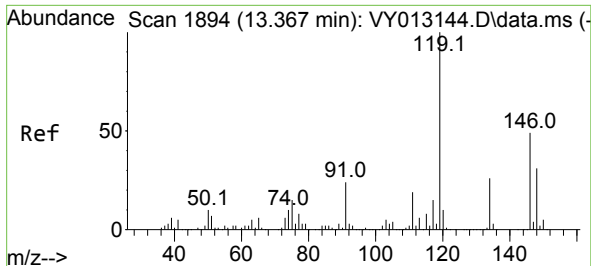
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.6

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.114 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

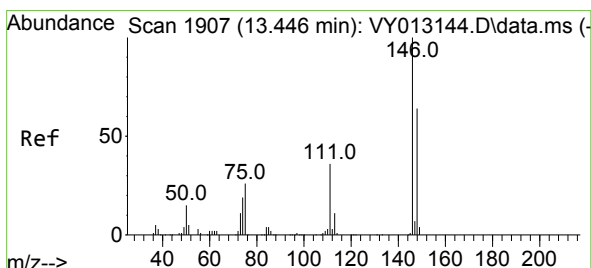
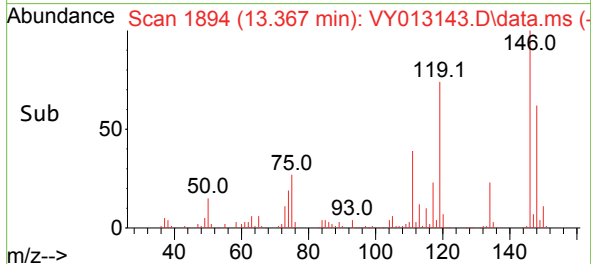
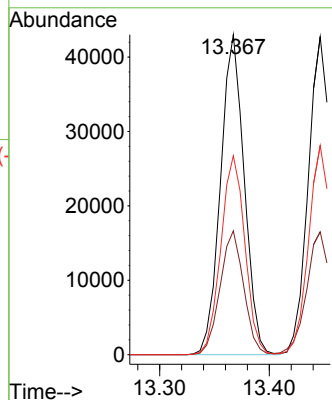
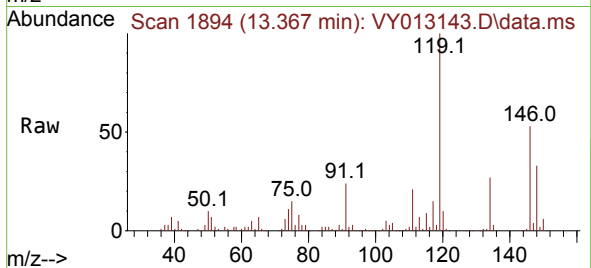
Tgt Ion:146 Resp: 64649

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 63.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.715 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

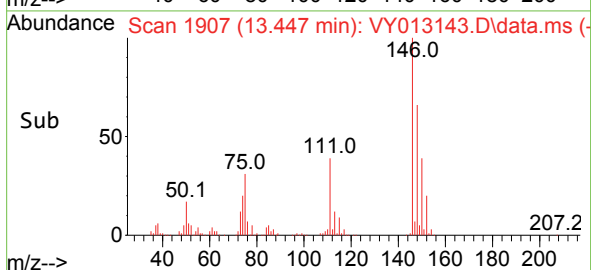
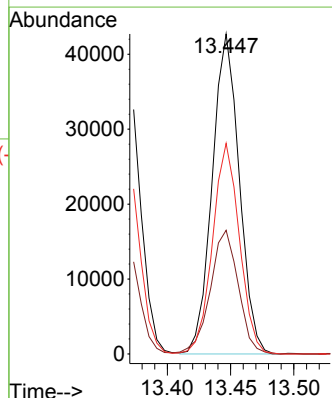
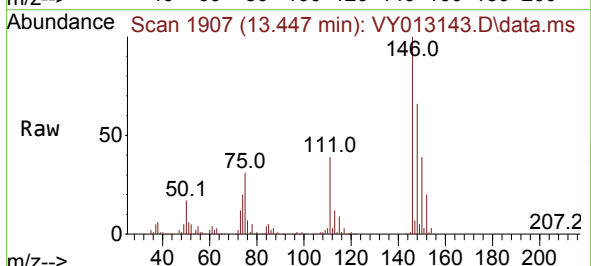
Tgt Ion:146 Resp: 63500

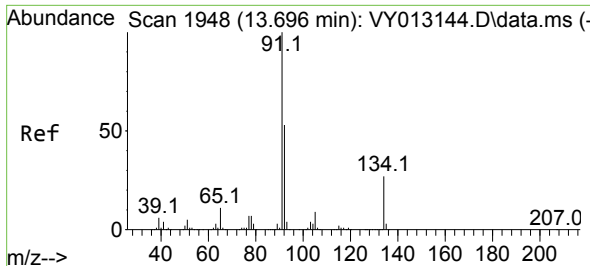
Ion Ratio Lower Upper

146 100

111 40.0 18.6 55.8

148 65.5 31.5 94.5

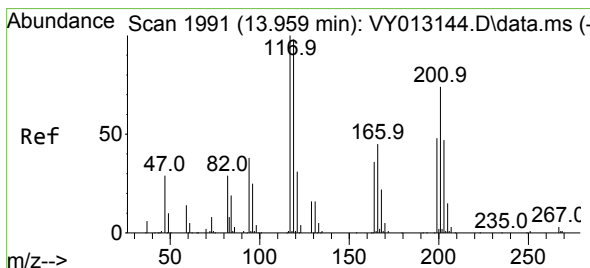
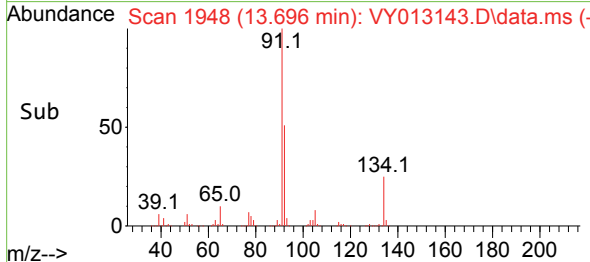
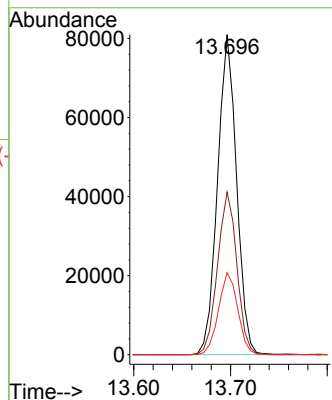
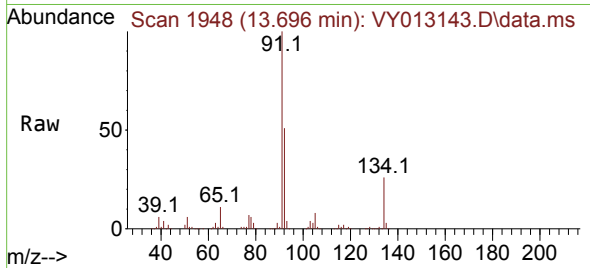




#89
n-Butylbenzene
Concen: 20.325 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

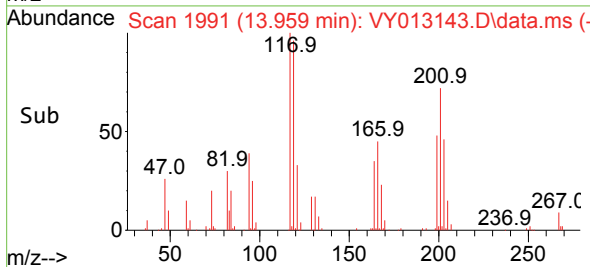
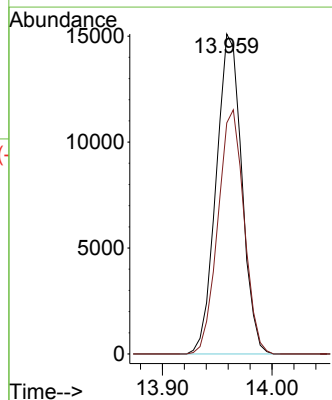
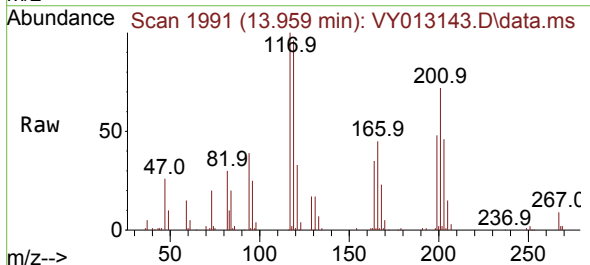
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

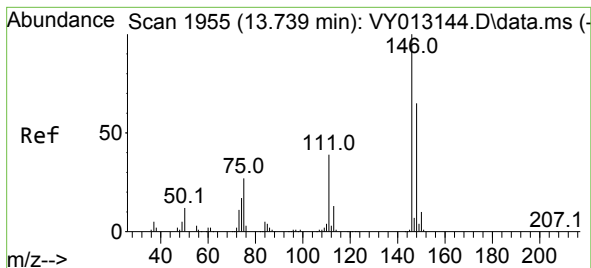
Tgt Ion: 91 Resp: 110607
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 20.226 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013143.D
Acq: 30 Mar 2023 10:59

Tgt Ion: 117 Resp: 24528
Ion Ratio Lower Upper
117 100
201 77.7 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 20.022 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

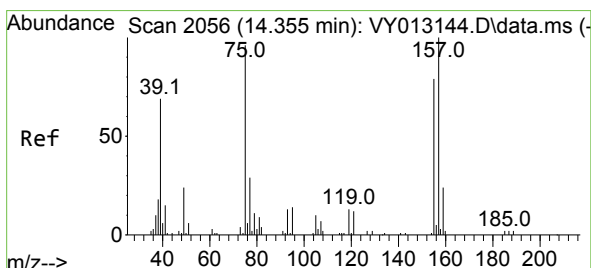
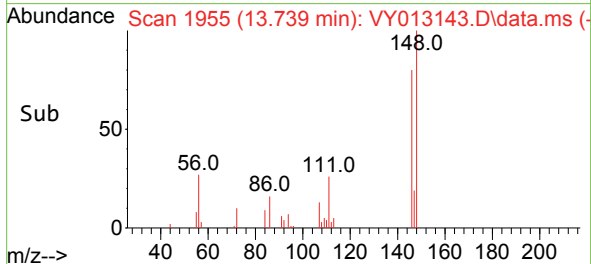
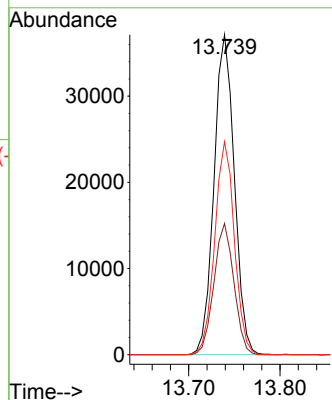
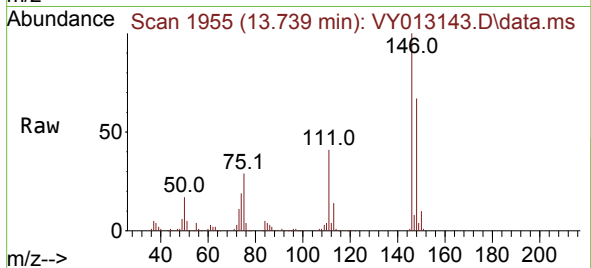
Tgt Ion:146 Resp: 57474

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.1

148 64.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.037 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

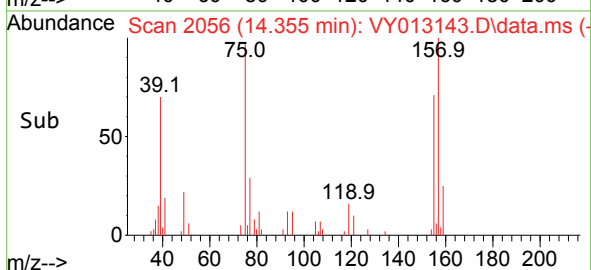
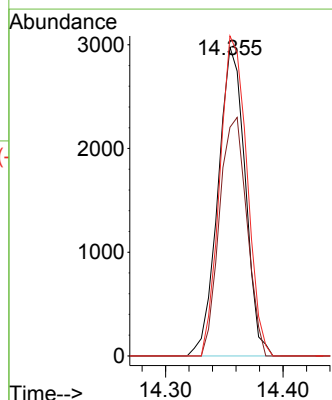
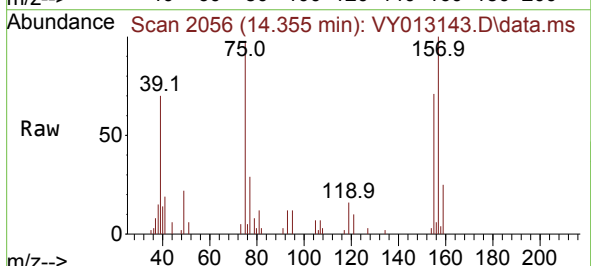
Tgt Ion: 75 Resp: 4782

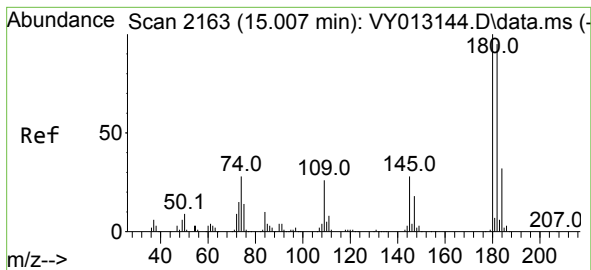
Ion Ratio Lower Upper

75 100

155 77.7 43.8 131.4

157 103.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.360 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

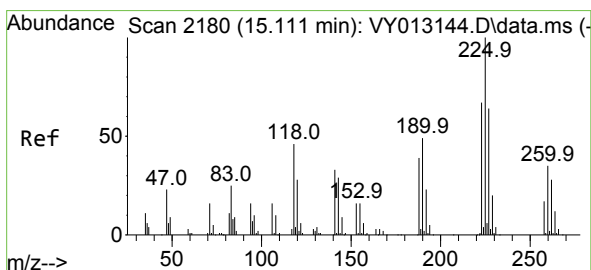
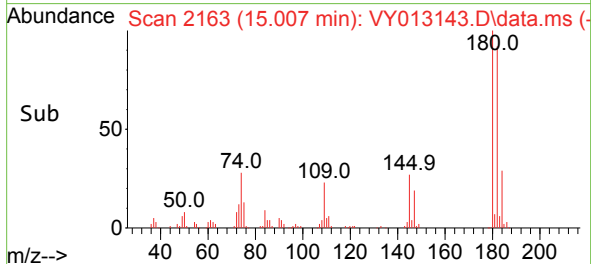
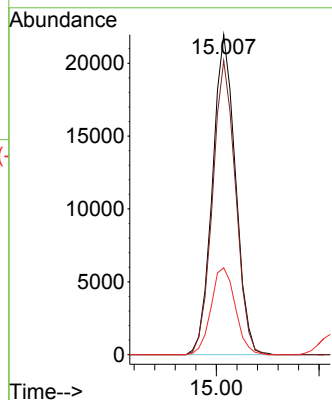
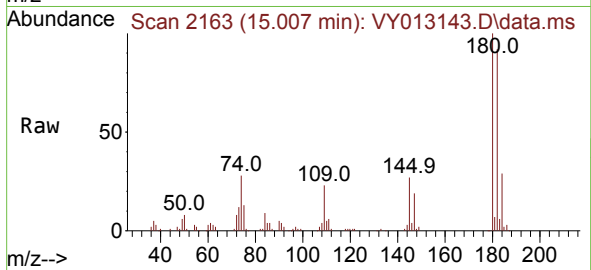
Tgt Ion:180 Resp: 34082

Ion Ratio Lower Upper

180 100

182 91.9 46.7 140.1

145 28.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.329 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

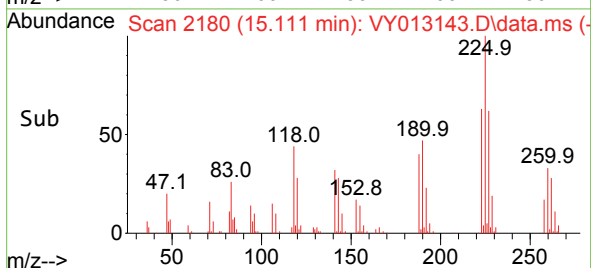
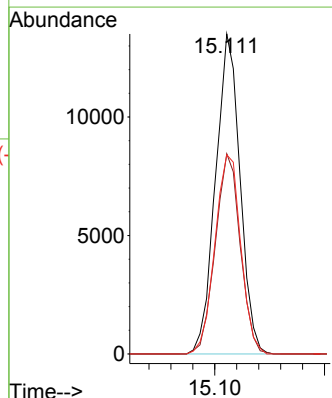
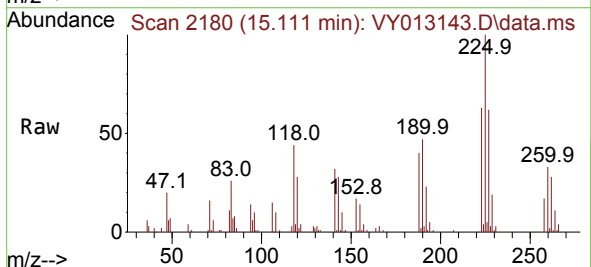
Tgt Ion:225 Resp: 20929

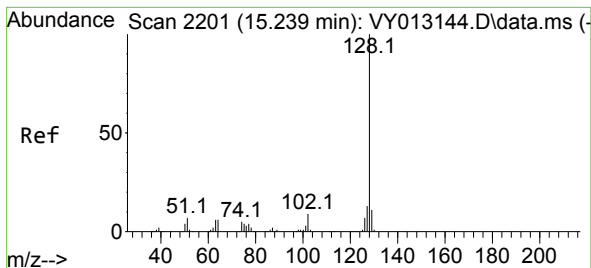
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.3

227 65.6 32.4 97.0





#95

Naphthalene

Concen: 18.875 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

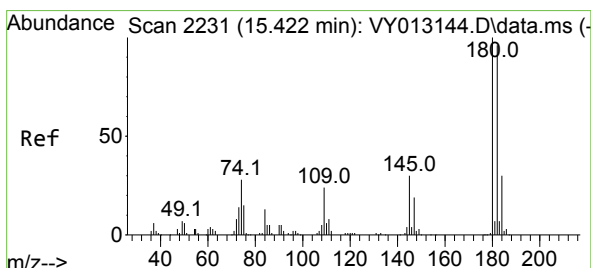
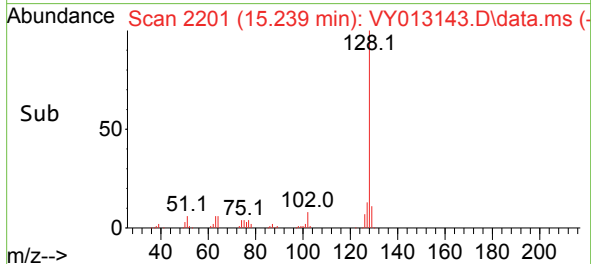
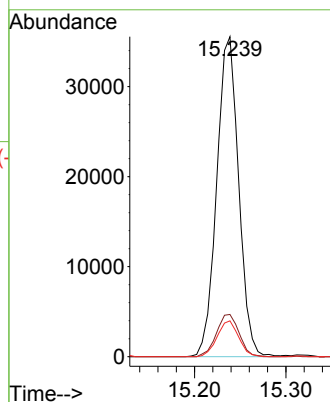
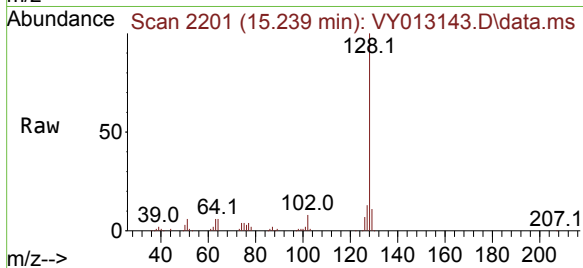
Tgt Ion:128 Resp: 59296

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.706 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013143.D

Acq: 30 Mar 2023 10:59

Tgt Ion:180 Resp: 29063

Ion Ratio Lower Upper

180 100

182 96.6 47.4 142.3

145 32.2 15.3 45.8

