

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013495.D
 Acq On : 27 Apr 2023 16:29
 Operator : KP/MD
 Sample : VY0427SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

Quant Time: Apr 28 01:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	307407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	205832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	166097	49.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.580%
35) Dibromofluoromethane	7.710	113	148600	50.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.179	98	515322	48.908	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.477	95	181797	51.180	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	67751	23.183	ug/l	97
3) Chloromethane	2.107	50	80970	20.670	ug/l	99
4) Vinyl Chloride	2.247	62	78977	20.248	ug/l	98
5) Bromomethane	2.644	94	64317	20.692	ug/l	99
6) Chloroethane	2.784	64	54792	20.334	ug/l	96
7) Trichlorofluoromethane	3.119	101	125038	21.161	ug/l	96
8) Diethyl Ether	3.527	74	40925	20.339	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	71121	21.458	ug/l	95
10) Methyl Iodide	4.082	142	76824	18.455	ug/l	99
11) Tert butyl alcohol	4.972	59	39701	104.975	ug/l #	97
12) 1,1-Dichloroethene	3.863	96	65143	20.390	ug/l	89
13) Acrolein	3.729	56	34433	112.059	ug/l	94
14) Allyl chloride	4.472	41	121099	20.428	ug/l	96
15) Acrylonitrile	5.161	53	120726	107.132	ug/l	97
16) Acetone	3.948	43	128604	96.907	ug/l	94
17) Carbon Disulfide	4.186	76	214098	20.630	ug/l	98
18) Methyl Acetate	4.472	43	93670	21.371	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	183589	19.905	ug/l	97
20) Methylene Chloride	4.710	84	105695	20.679	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	73552	21.056	ug/l	92
22) Diisopropyl ether	6.112	45	249551	21.538	ug/l	94
23) Vinyl Acetate	6.058	43	763523	116.384	ug/l	95
24) 1,1-Dichloroethane	6.009	63	138562	21.457	ug/l	98
25) 2-Butanone	6.984	43	180474	107.231	ug/l	91
26) 2,2-Dichloropropane	6.978	77	115499	20.756	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	80080	20.749	ug/l	95
28) Bromochloromethane	7.326	49	51535	22.489	ug/l #	80
29) Tetrahydrofuran	7.344	42	112889	107.754	ug/l	91
30) Chloroform	7.502	83	137981	21.490	ug/l	99
31) Cyclohexane	7.783	56	125031	20.723	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	122362	21.357	ug/l	98
36) 1,1-Dichloropropene	7.911	75	107427	21.854	ug/l	96
37) Ethyl Acetate	7.076	43	80190	21.678	ug/l	95
38) Carbon Tetrachloride	7.899	117	113431	22.016	ug/l	94
39) Methylcyclohexane	9.179	83	119510	20.623	ug/l	95
40) Benzene	8.155	78	302783	21.867	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	106755	61.931	ug/l #	33
42) 1,2-Dichloroethane	8.228	62	100354	22.168	ug/l	98
43) Isopropyl Acetate	8.271	43	134024	21.465	ug/l	96
44) Trichloroethene	8.935	130	77664	21.086	ug/l	96
45) 1,2-Dichloropropane	9.215	63	77987	21.541	ug/l	100
46) Dibromomethane	9.301	93	46908	21.654	ug/l	93
47) Bromodichloromethane	9.496	83	105256	21.715	ug/l	97
48) Methyl methacrylate	9.289	41	63785	22.244	ug/l	91
49) 1,4-Dioxane	9.313	88	13964	451.350	ug/l #	83
51) 4-Methyl-2-Pentanone	10.063	43	395106	113.558	ug/l	96
52) Toluene	10.240	92	181975	21.839	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	107178	20.892	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	120822	20.931	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	62796	21.890	ug/l	99
56) Ethyl methacrylate	10.508	69	86054	21.622	ug/l	90
57) 1,3-Dichloropropane	10.788	76	105263	21.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	179486	120.266	ug/l	92
59) 2-Hexanone	10.831	43	287889	113.826	ug/l	96
60) Dibromochloromethane	10.983	129	73339	21.055	ug/l	97
61) 1,2-Dibromoethane	11.087	107	61334	21.746	ug/l	97
64) Tetrachloroethene	10.715	164	68377	21.683	ug/l	96
65) Chlorobenzene	11.514	112	192982	21.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	72713	21.521	ug/l	98
67) Ethyl Benzene	11.587	91	337943	21.303	ug/l	99
68) m/p-Xylenes	11.697	106	261049	43.287	ug/l	97
69) o-Xylene	12.026	106	121145	21.240	ug/l	97
70) Styrene	12.038	104	207139	21.721	ug/l	100
71) Bromoform	12.203	173	51956	21.954	ug/l #	100
73) Isopropylbenzene	12.325	105	321410	20.645	ug/l	99
74) N-amyl acetate	12.142	43	117372	21.186	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	82585	21.702	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	106082	38.215	ug/l #	100
77) Bromobenzene	12.605	156	79756	21.143	ug/l	92
78) n-propylbenzene	12.666	91	404793	21.109	ug/l	97
79) 2-Chlorotoluene	12.751	91	226177	21.121	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	268181	21.105	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	28017	20.646	ug/l	93
82) 4-Chlorotoluene	12.849	91	234207	20.984	ug/l	97
83) tert-Butylbenzene	13.075	119	231328	21.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	265339	21.478	ug/l	100
85) sec-Butylbenzene	13.251	105	341875	20.692	ug/l	98
86) p-Isopropyltoluene	13.367	119	277054	20.852	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	151086	21.023	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	151722	20.899	ug/l	99
89) n-Butylbenzene	13.690	91	264531	20.399	ug/l	98
90) Hexachloroethane	13.959	117	56220	20.105	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	138471	21.336	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	13780	20.504	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	79242	20.479	ug/l	99
94) Hexachlorobutadiene	15.111	225	47579	21.128	ug/l	98
95) Naphthalene	15.233	128	164032	19.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	71760	20.808	ug/l	99

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QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

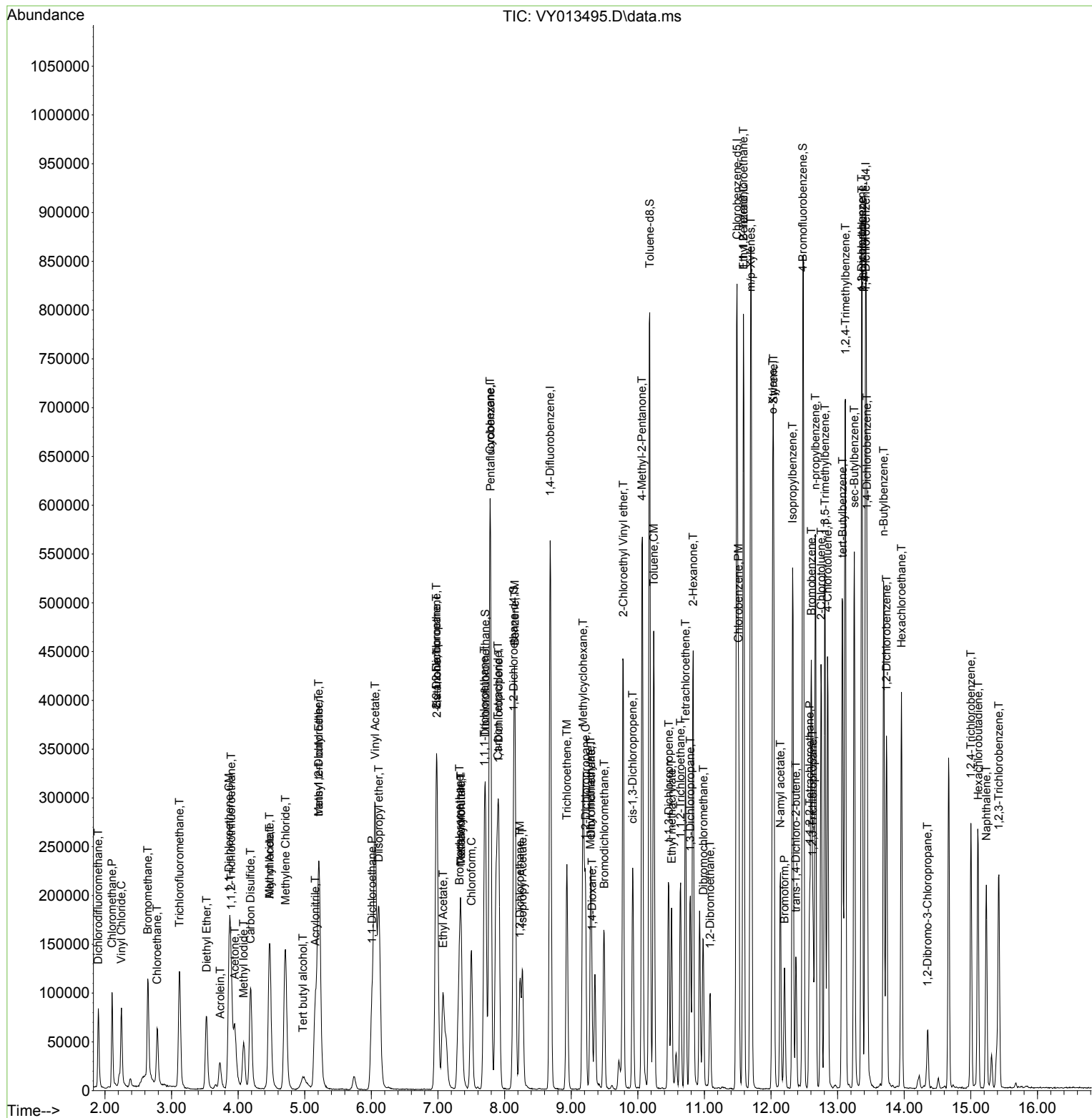
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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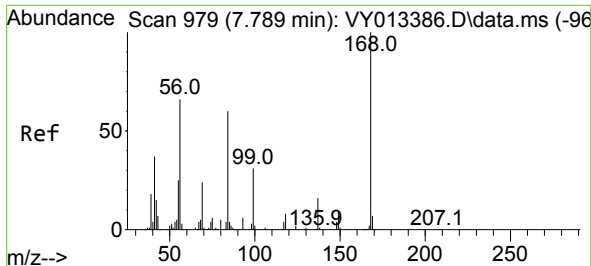
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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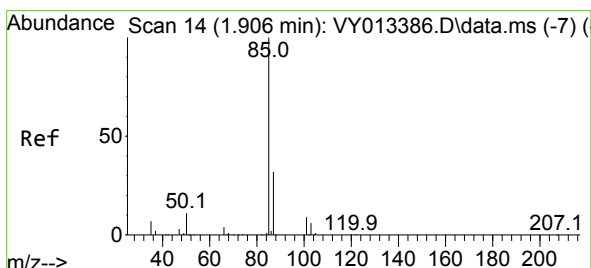
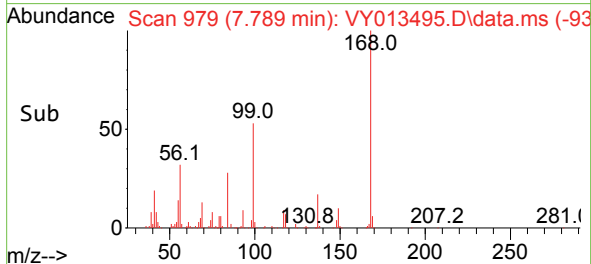
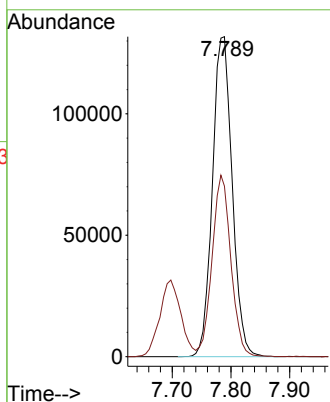
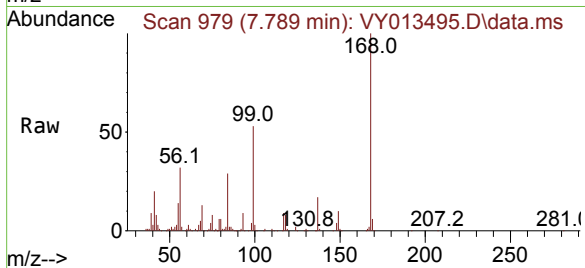




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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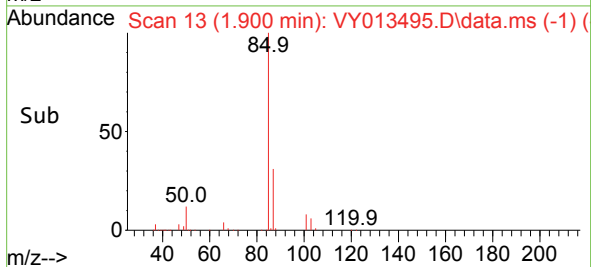
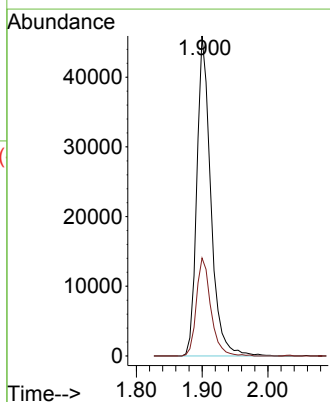
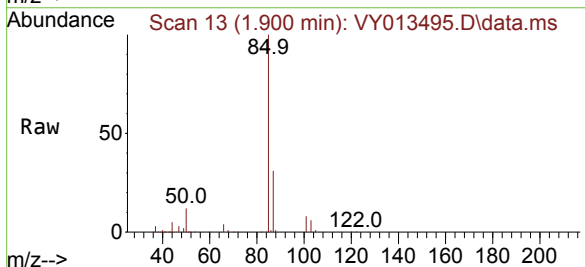
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

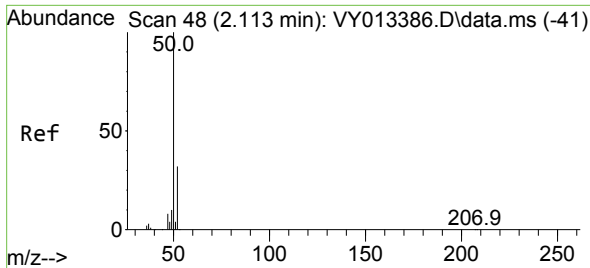
Tgt Ion:168 Resp: 307407
Ion Ratio Lower Upper
168 100
99 53.3 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.183 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 85 Resp: 67751
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

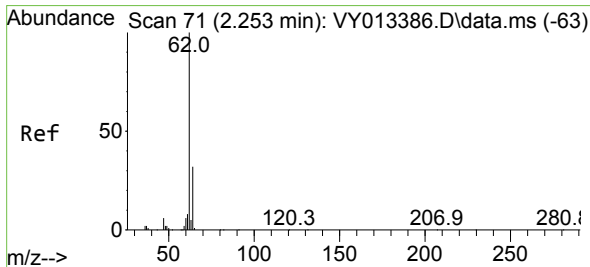
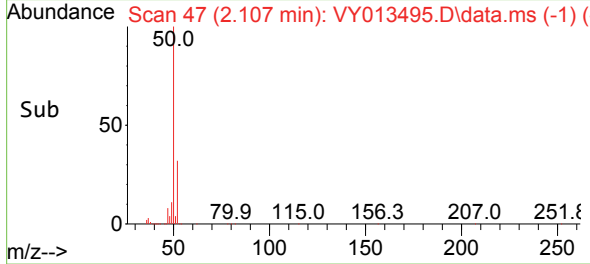
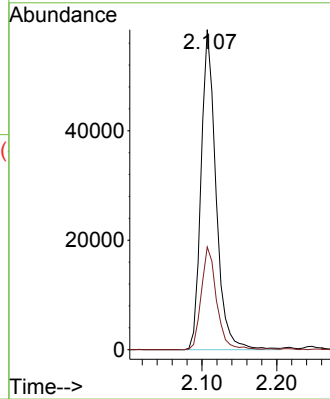
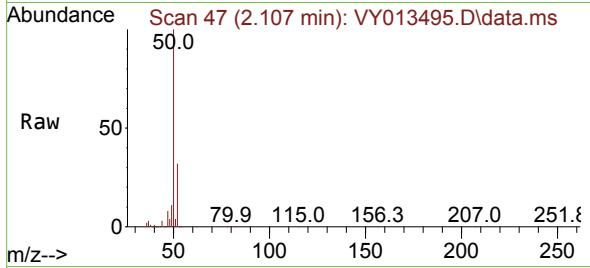




#3
Chloromethane
Concen: 20.670 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

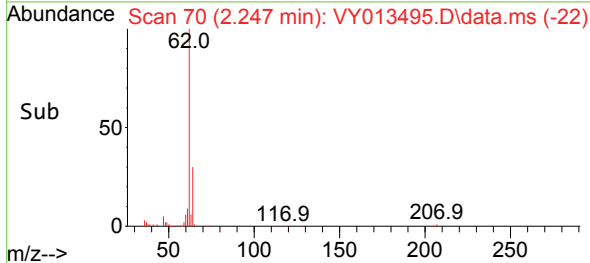
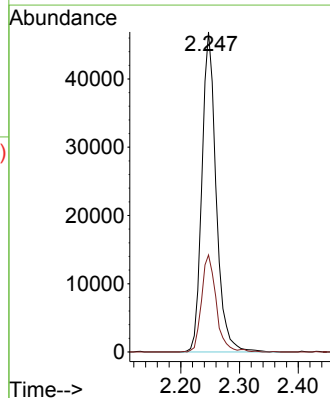
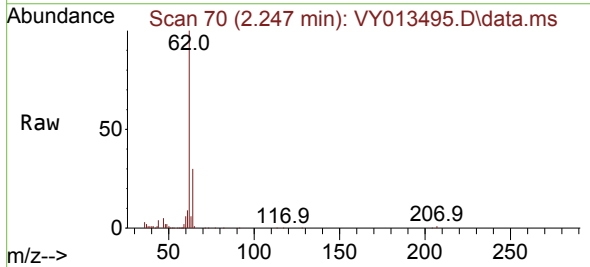
Instrument :
MSVOA_Y
ClientSampleId :
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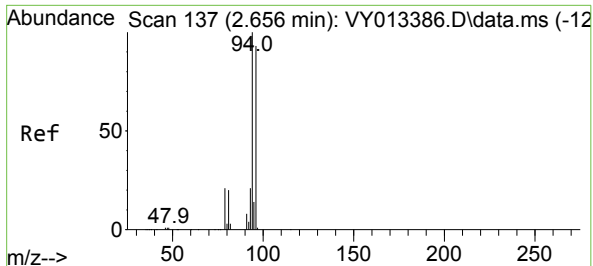
Tgt Ion: 50 Resp: 80970
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9



#4
Vinyl Chloride
Concen: 20.248 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 62 Resp: 78977
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.0

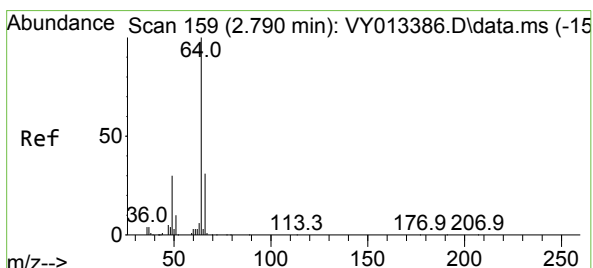
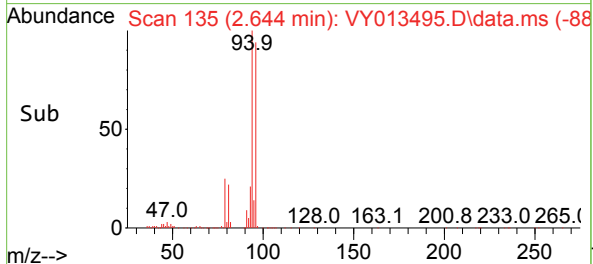
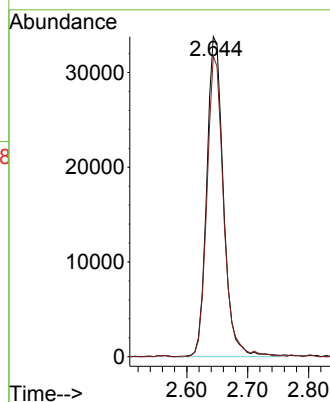
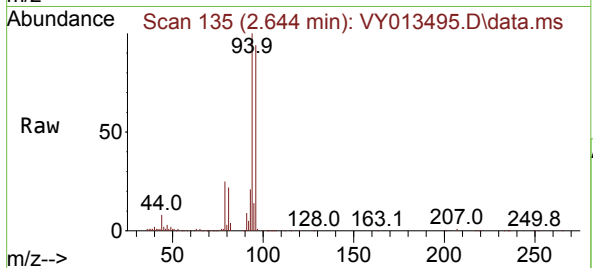




#5
Bromomethane
Concen: 20.692 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY013495.D
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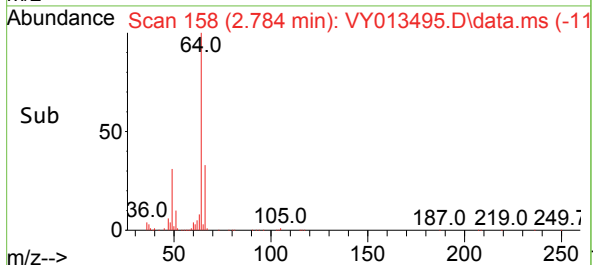
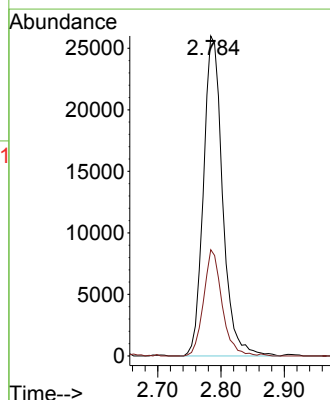
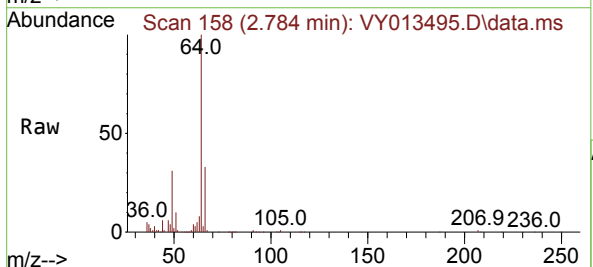
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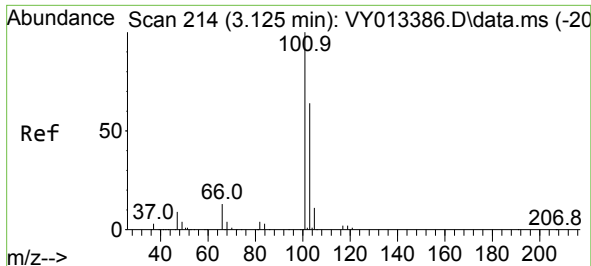
Tgt Ion: 94 Resp: 64317
Ion Ratio Lower Upper
94 100
96 93.8 74.2 111.2



#6
Chloroethane
Concen: 20.334 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 64 Resp: 54792
Ion Ratio Lower Upper
64 100
66 33.2 24.6 37.0

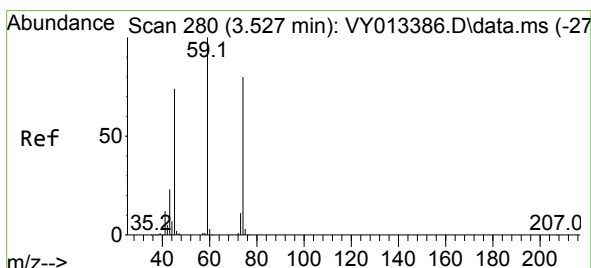
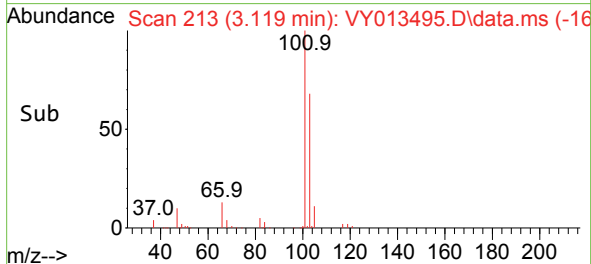
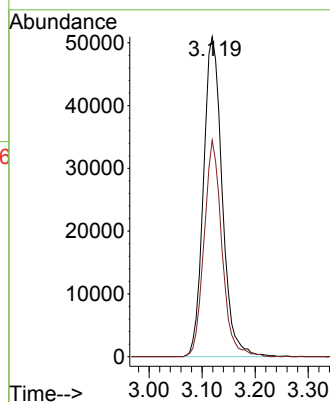
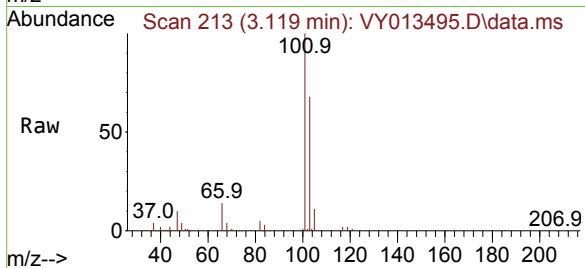




#7
 Trichlorofluoromethane
 Concen: 21.161 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

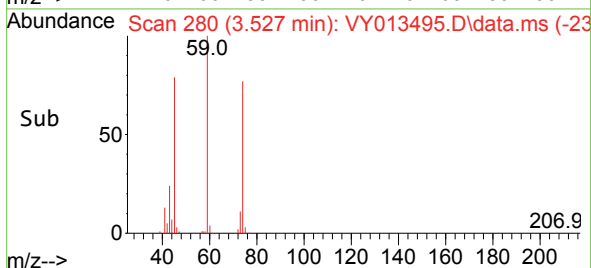
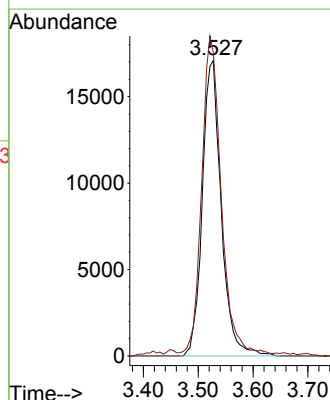
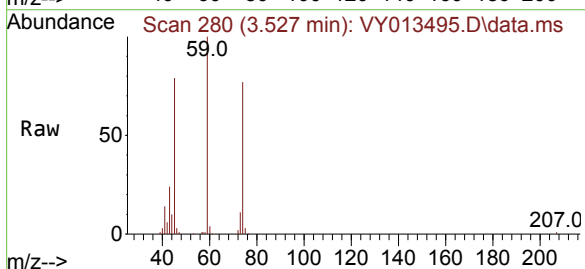
Instrument :
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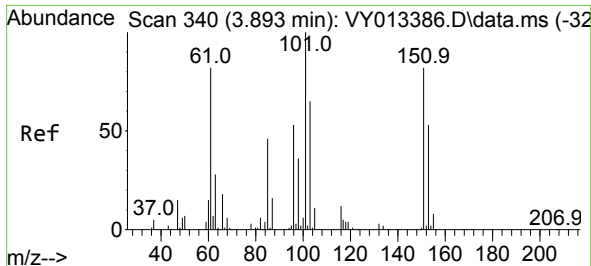
Tgt Ion:101 Resp: 125038
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.6 77.4



#8
 Diethyl Ether
 Concen: 20.339 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013495.D
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Tgt Ion: 74 Resp: 40925
 Ion Ratio Lower Upper
 74 100
 45 109.2 48.2 144.6

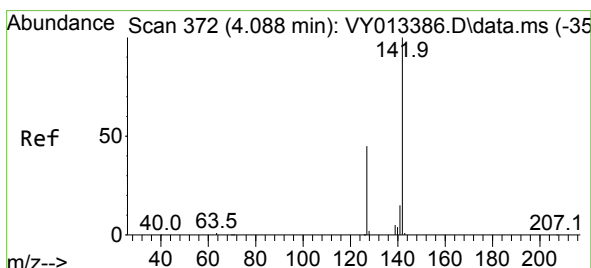
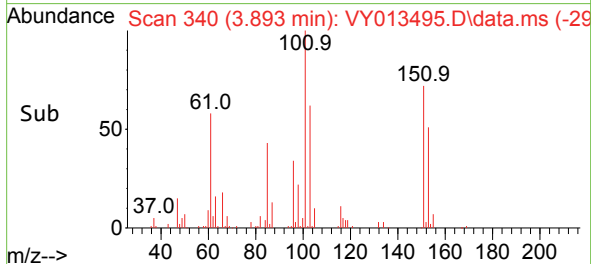
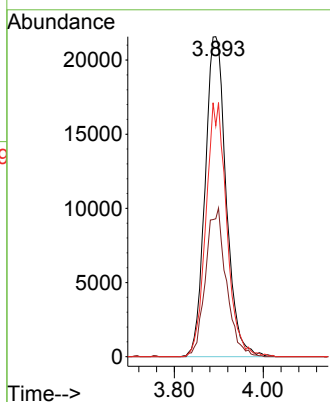
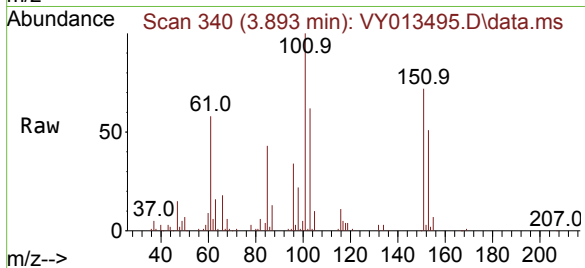




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.458 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

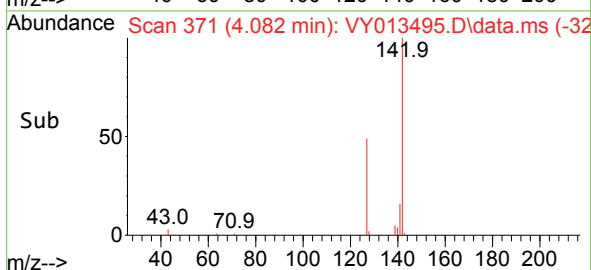
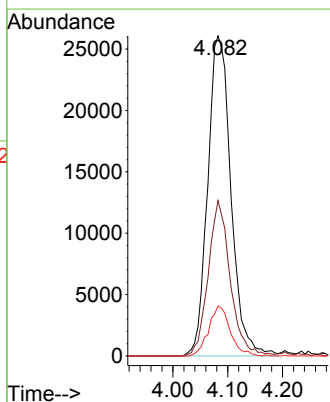
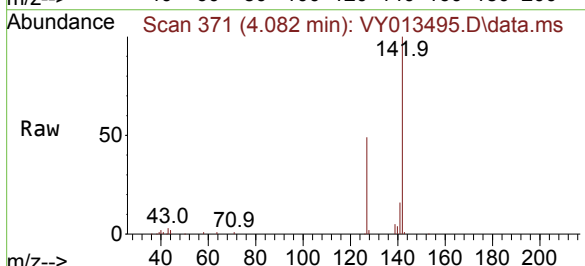
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

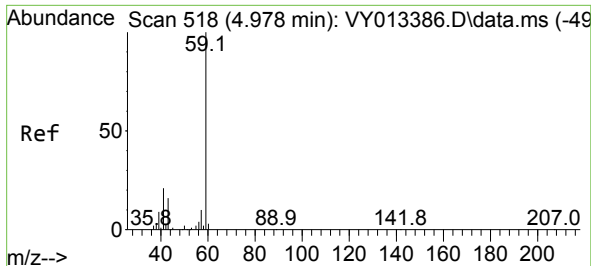
Tgt Ion:101 Resp: 71121
Ion Ratio Lower Upper
101 100
85 45.7 35.6 53.4
151 78.6 68.0 102.0



#10
Methyl Iodide
Concen: 18.455 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion:142 Resp: 76824
Ion Ratio Lower Upper
142 100
127 45.9 36.1 54.1
141 14.5 11.6 17.4

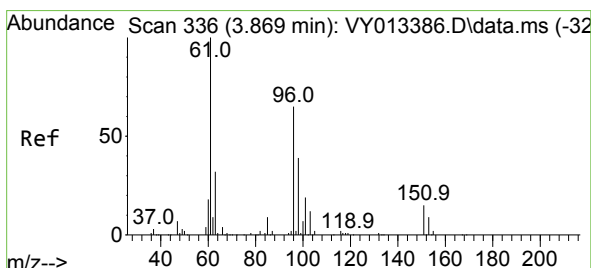
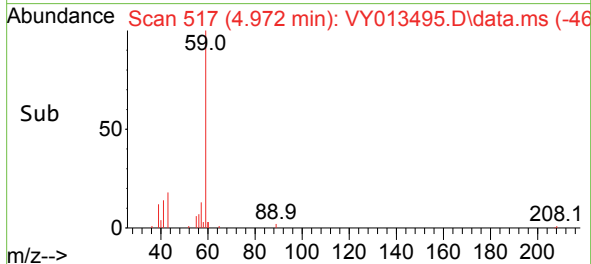
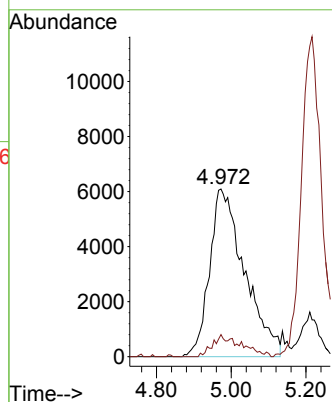
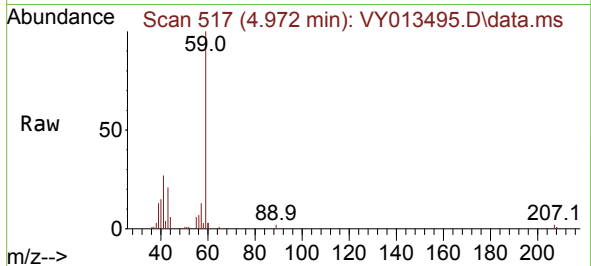




#11
Tert butyl alcohol
Concen: 104.975 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

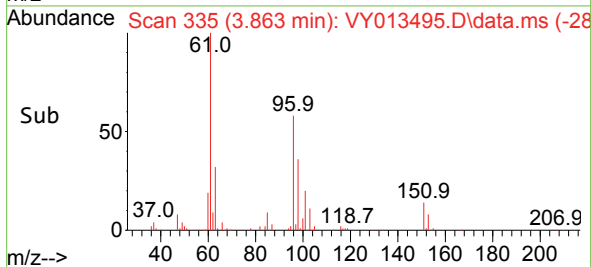
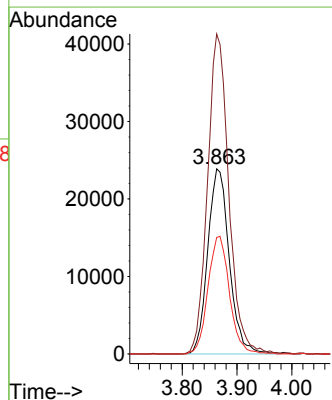
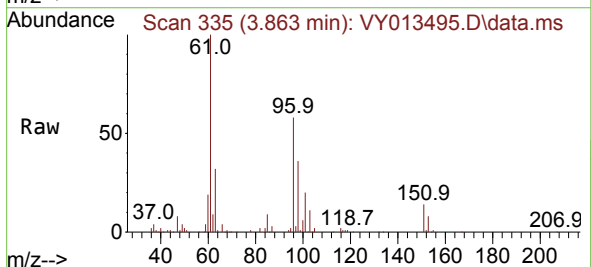
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

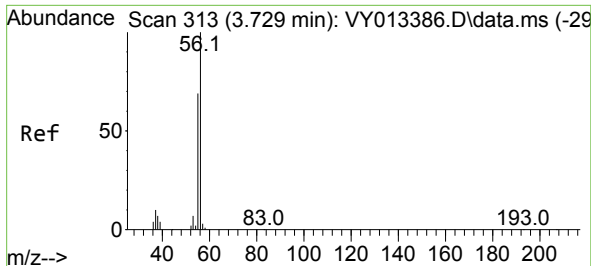
Tgt Ion: 59 Resp: 39701
Ion Ratio Lower Upper
59 100
57 4.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.390 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 96 Resp: 65143
Ion Ratio Lower Upper
96 100
61 172.8 123.9 185.9
98 62.9 48.9 73.3

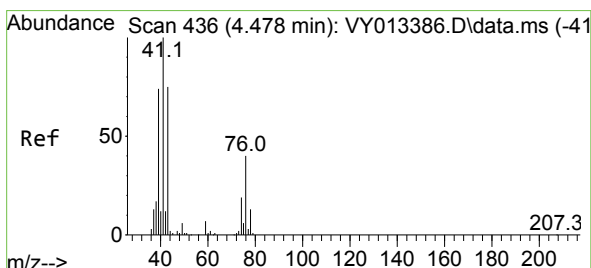
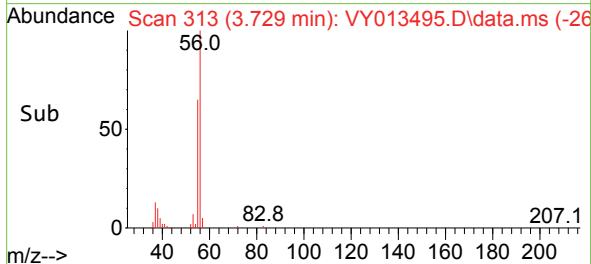
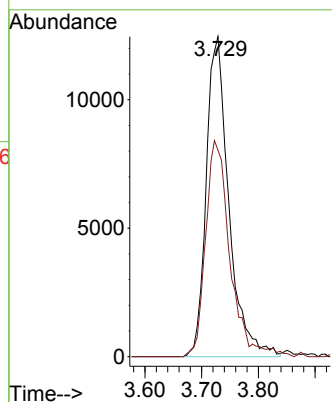
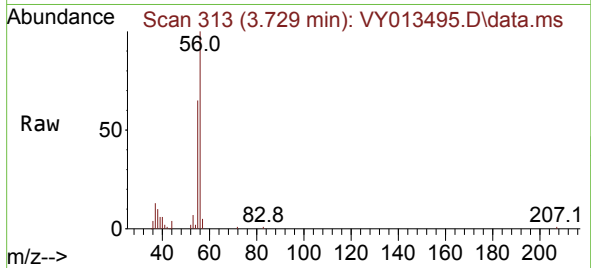




#13
Acrolein
Concen: 112.059 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

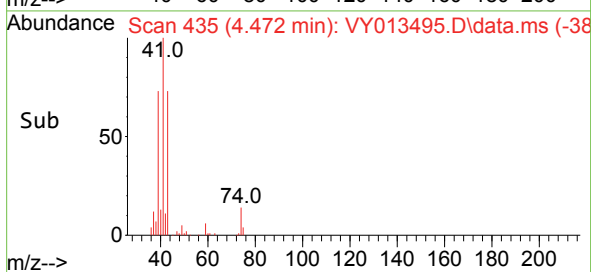
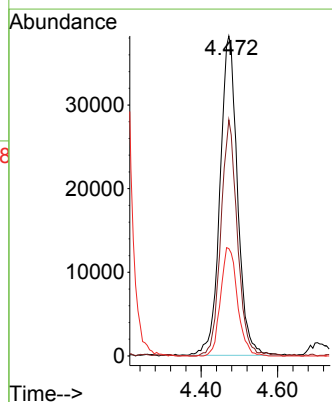
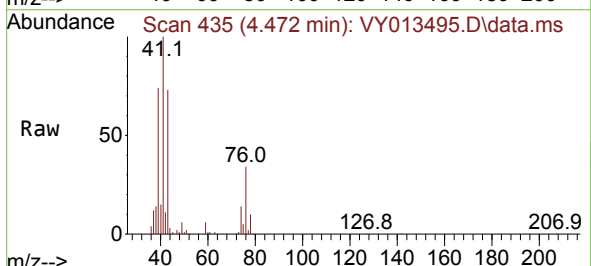
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

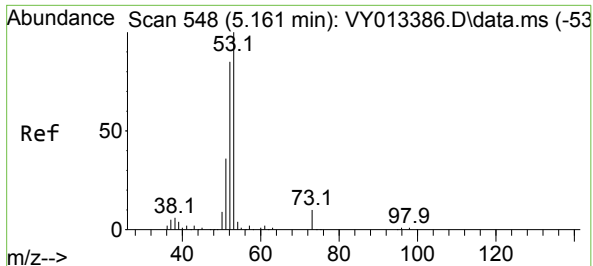
Tgt Ion: 56 Resp: 34433
Ion Ratio Lower Upper
56 100
55 72.8 54.1 81.1



#14
Allyl chloride
Concen: 20.428 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 41 Resp: 121099
Ion Ratio Lower Upper
41 100
39 70.0 56.6 85.0
76 32.8 30.5 45.7

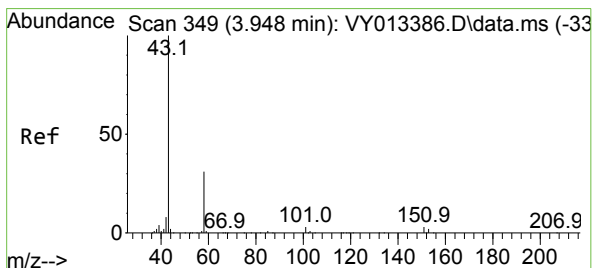
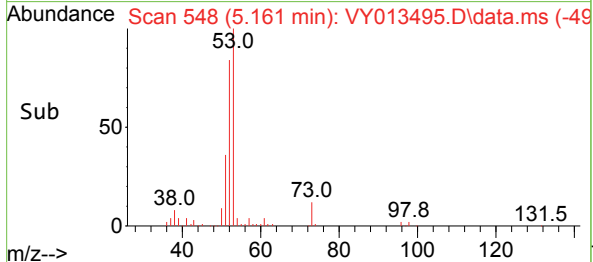
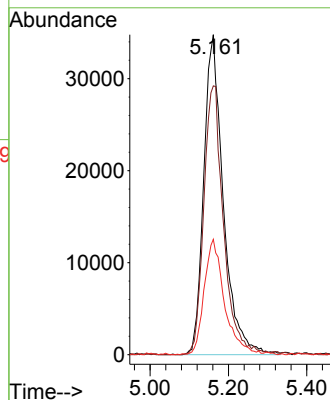
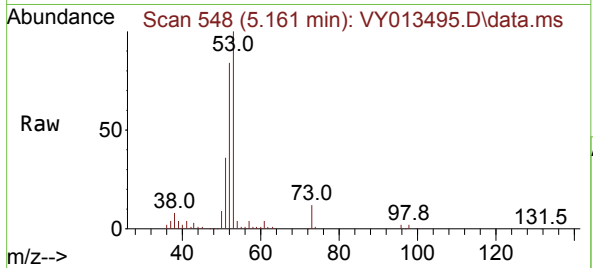




#15
Acrylonitrile
Concen: 107.132 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

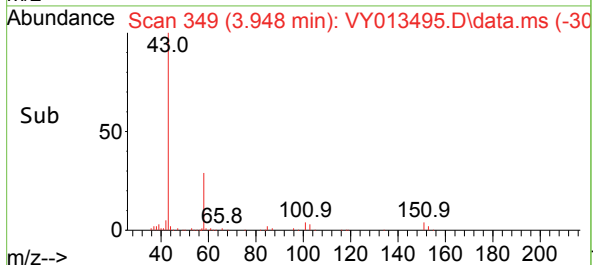
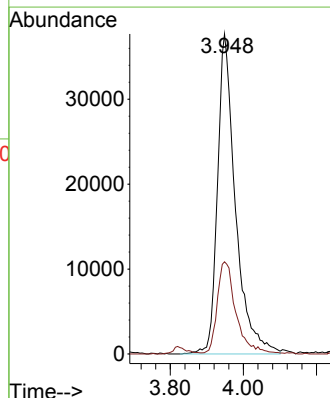
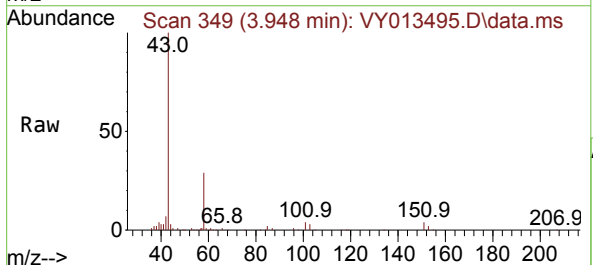
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

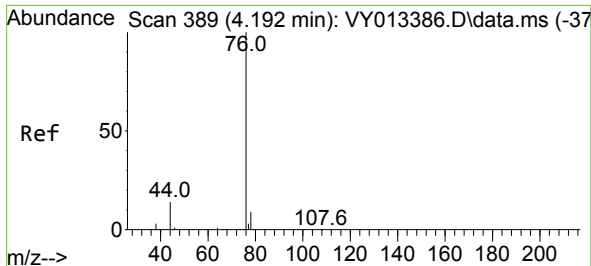
Tgt Ion: 53 Resp: 120726
Ion Ratio Lower Upper
53 100
52 84.7 65.4 98.0
51 37.4 29.3 43.9



#16
Acetone
Concen: 96.907 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 43 Resp: 128604
Ion Ratio Lower Upper
43 100
58 28.5 25.4 38.0





#17

Carbon Disulfide

Concen: 20.630 ug/l

RT: 4.186 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

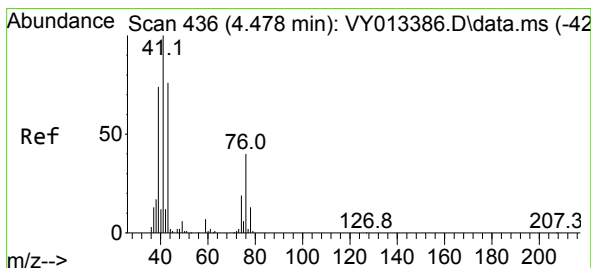
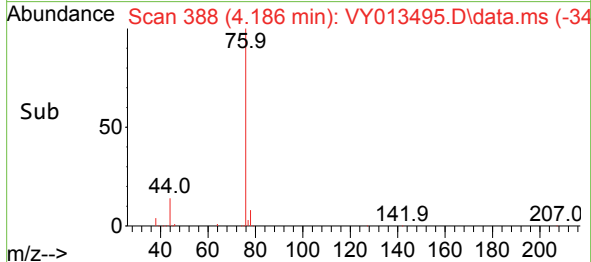
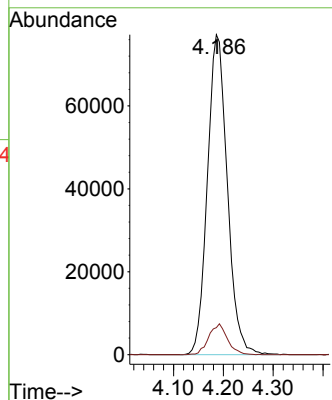
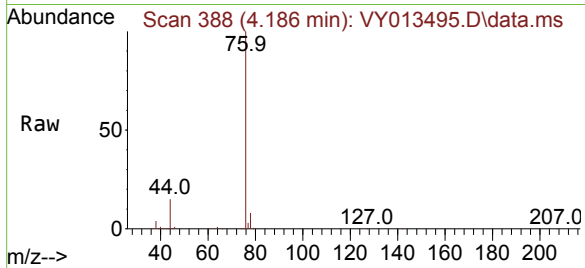
VY0427SBS01

Tgt Ion: 76 Resp: 214098

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8



#18

Methyl Acetate

Concen: 21.371 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013495.D

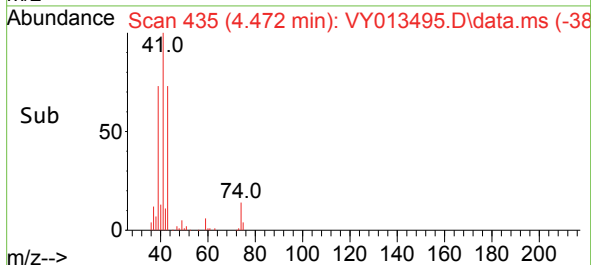
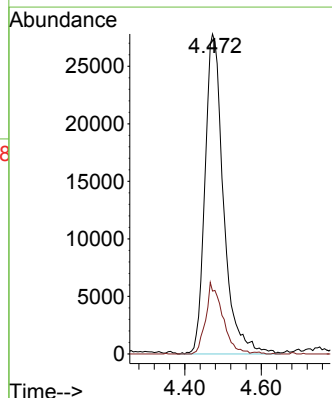
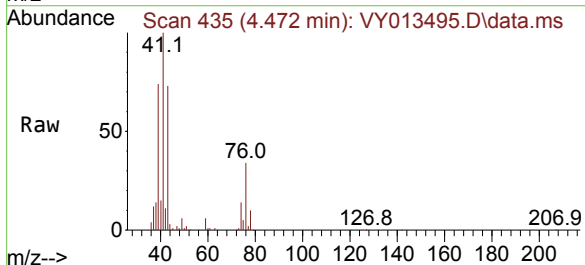
Acq: 27 Apr 2023 16:29

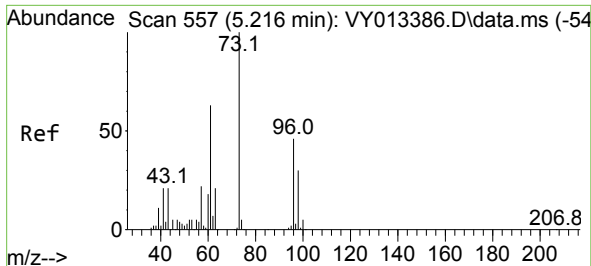
Tgt Ion: 43 Resp: 93670

Ion Ratio Lower Upper

43 100

74 20.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.905 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

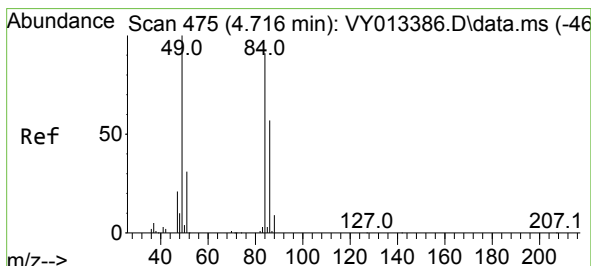
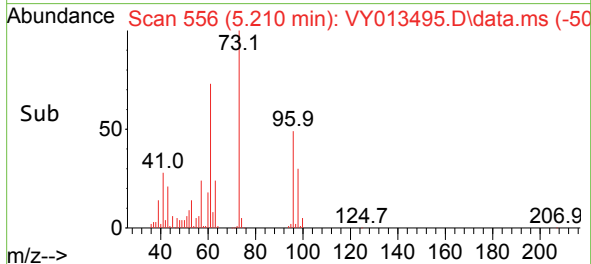
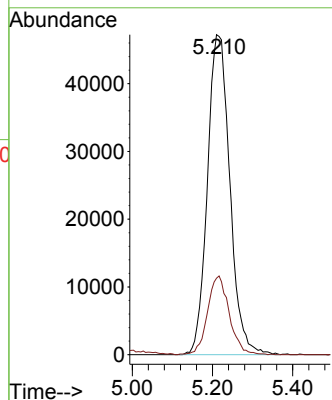
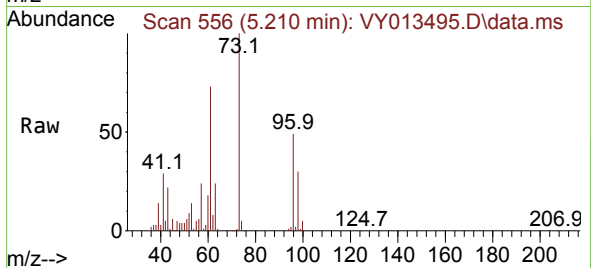
VY0427SBS01

Tgt Ion: 73 Resp: 183589

Ion Ratio Lower Upper

73 100

57 23.9 17.8 26.8



#20

Methylene Chloride

Concen: 20.679 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Tgt Ion: 84 Resp: 105695

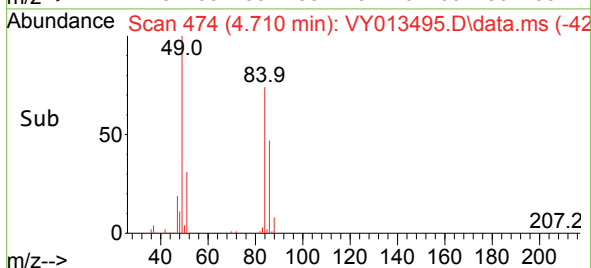
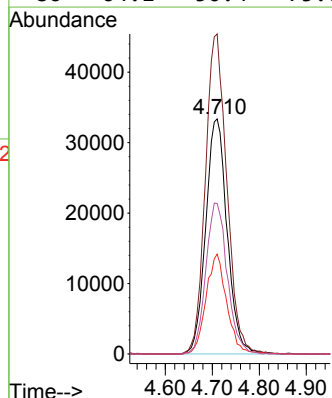
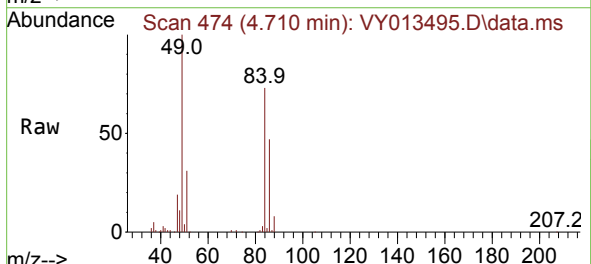
Ion Ratio Lower Upper

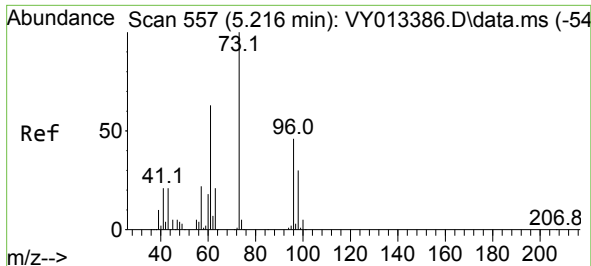
84 100

49 136.1 88.0 132.0#

51 42.5 27.4 41.0#

86 64.1 50.4 75.6

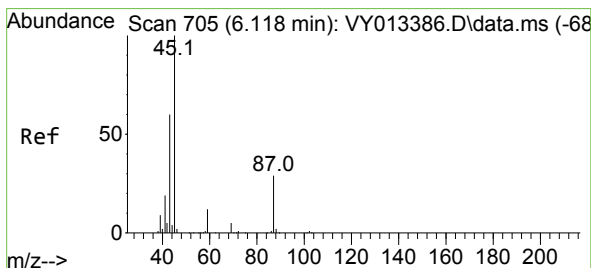
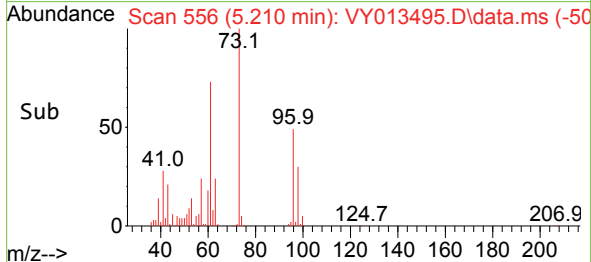
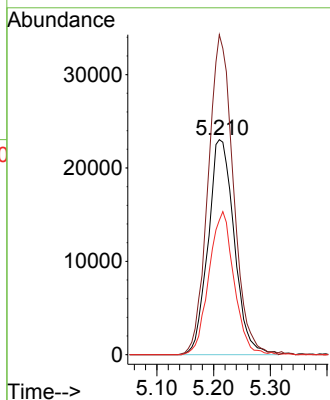
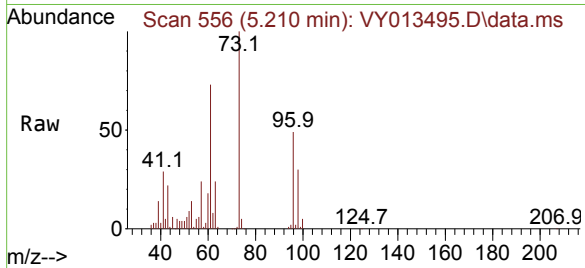




#21
trans-1,2-Dichloroethene
Concen: 21.056 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

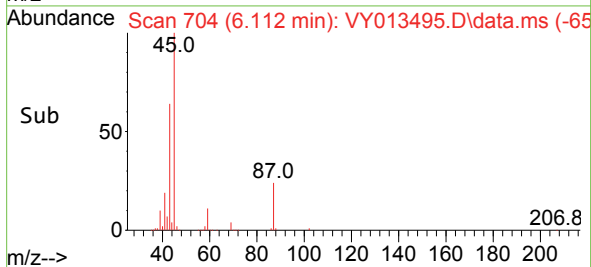
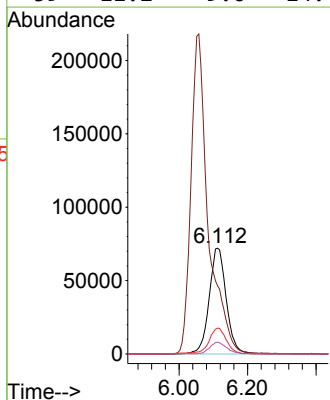
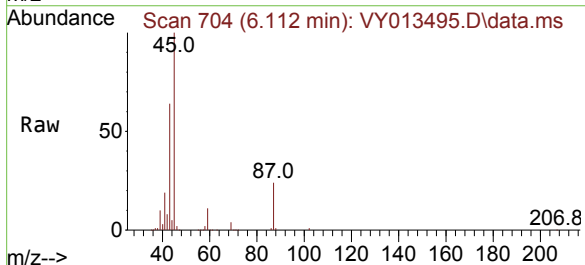
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

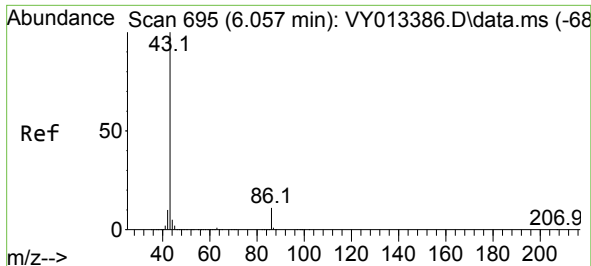
Tgt Ion: 96 Resp: 73552
Ion Ratio Lower Upper
96 100
61 148.8 110.6 165.8
98 62.5 53.1 79.7



#22
Diisopropyl ether
Concen: 21.538 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 45 Resp: 249551
Ion Ratio Lower Upper
45 100
43 64.1 48.4 72.6
87 24.4 23.8 35.6
59 11.2 9.6 14.4

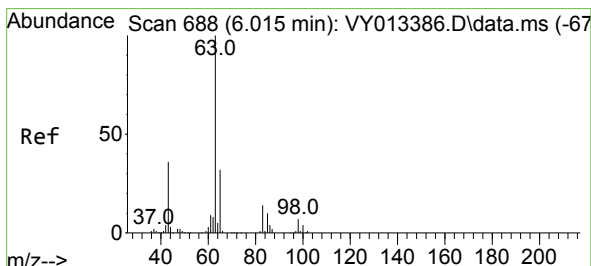
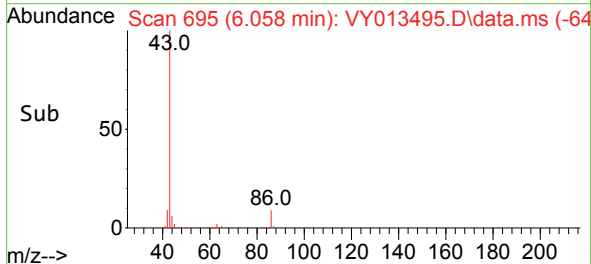
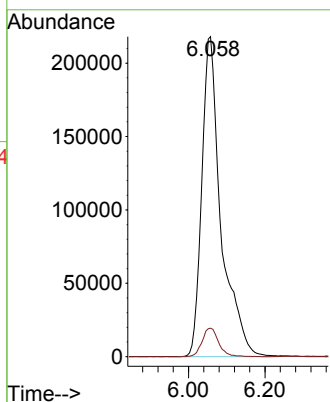
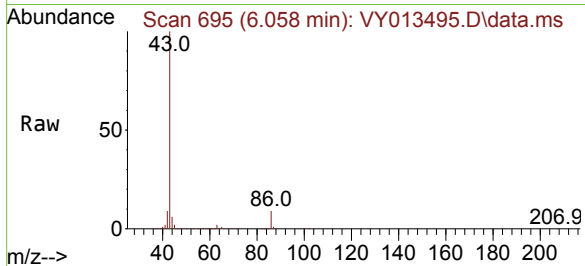




#23
 Vinyl Acetate
 Concen: 116.384 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

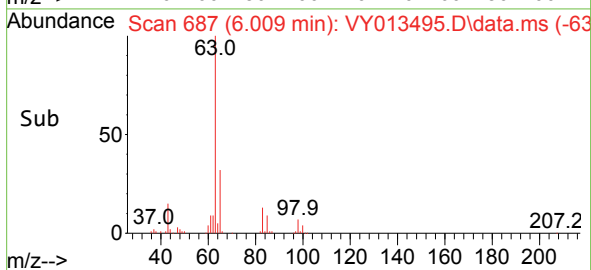
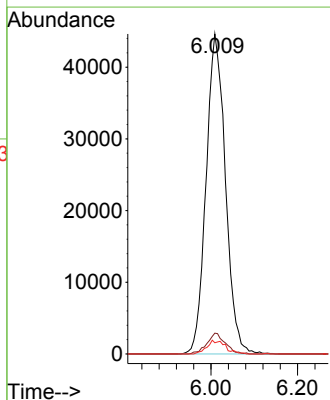
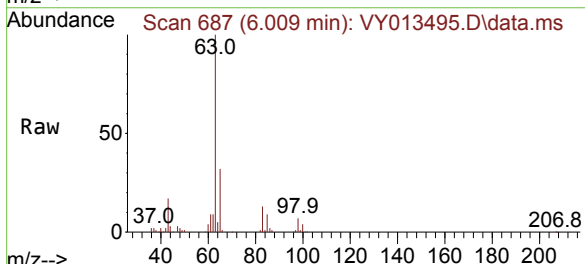
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBSD01

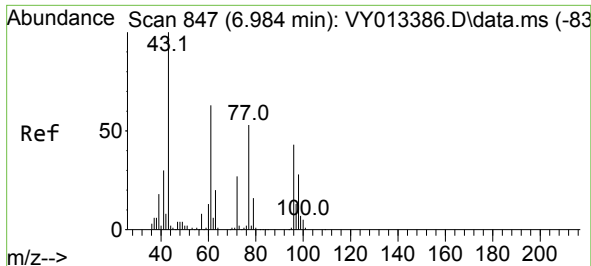
Tgt Ion: 43 Resp: 763523
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.457 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

Tgt Ion: 63 Resp: 138562
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 3.5 2.2 6.6

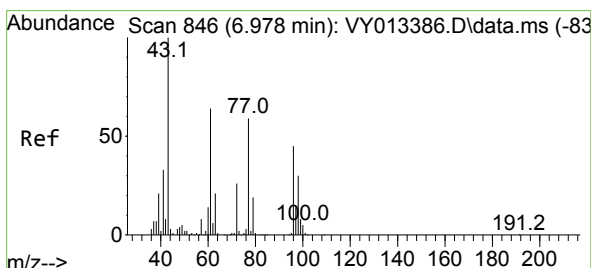
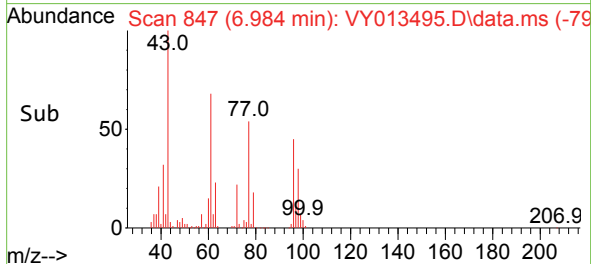
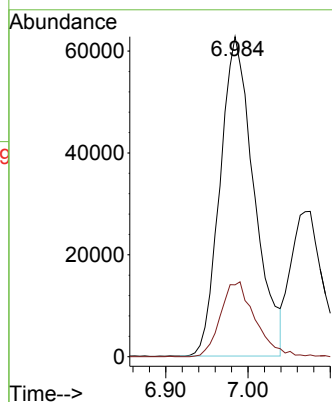
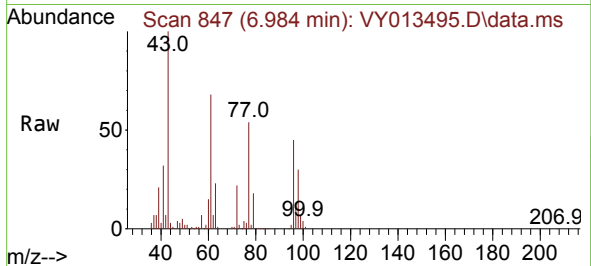




#25
2-Butanone
Concen: 107.231 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

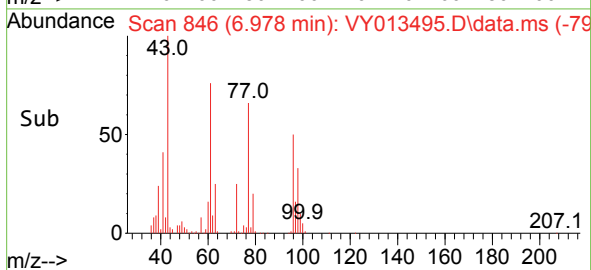
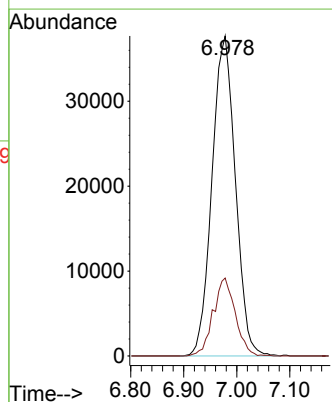
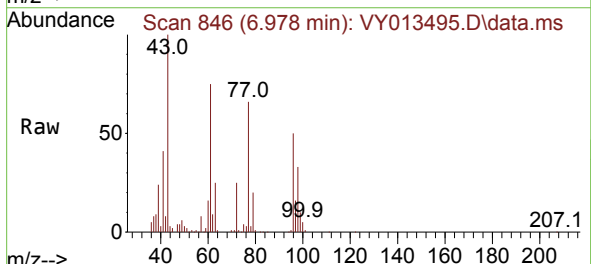
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

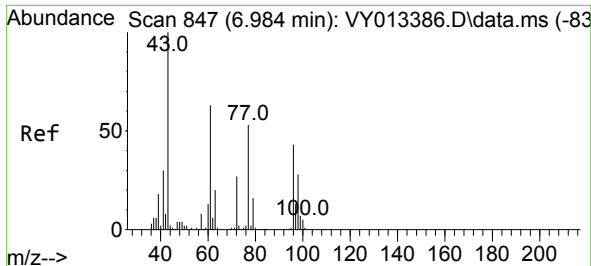
Tgt Ion: 43 Resp: 180474
Ion Ratio Lower Upper
43 100
72 22.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 20.756 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 77 Resp: 115499
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.4

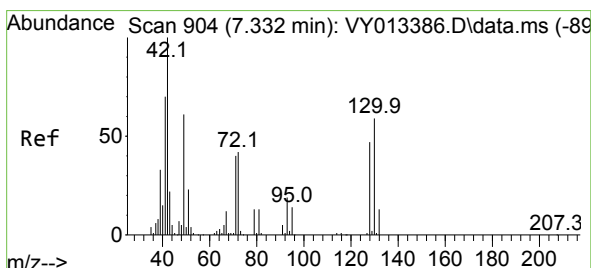
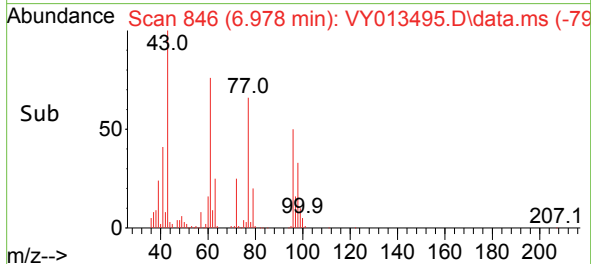
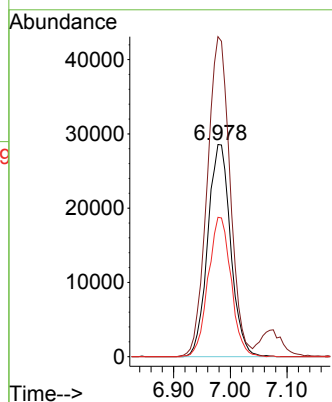
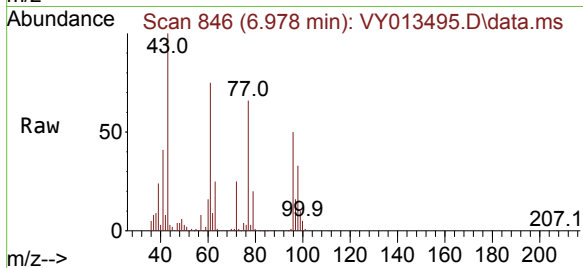




#27
 cis-1,2-Dichloroethene
 Concen: 20.749 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

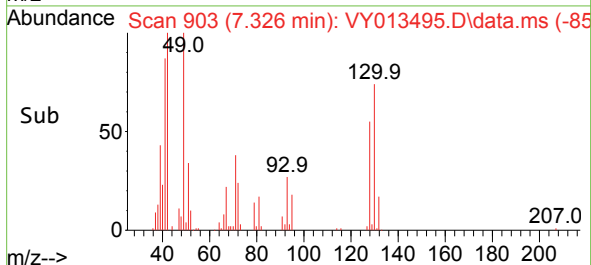
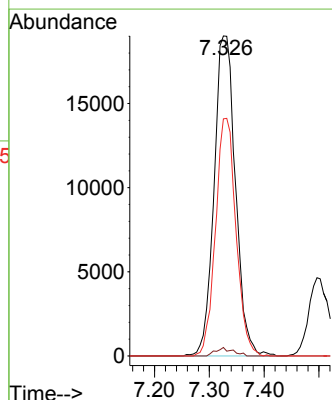
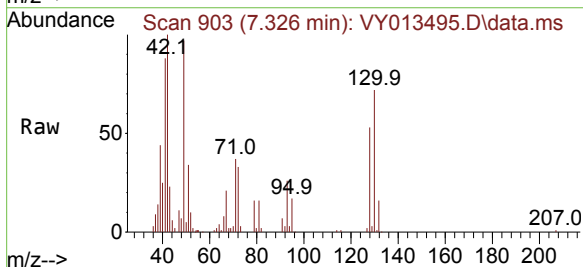
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBSD01

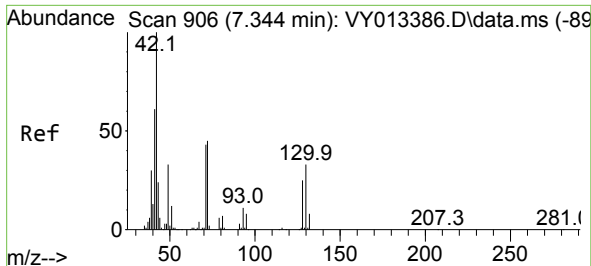
Tgt Ion: 96 Resp: 80080
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 285.0
 98 65.7 0.0 130.6



#28
 Bromochloromethane
 Concen: 22.489 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

Tgt Ion: 49 Resp: 51535
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.2
 130 71.0 72.1 108.1#





#29

Tetrahydrofuran

Concen: 107.754 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

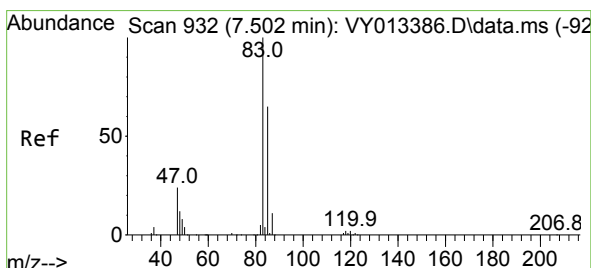
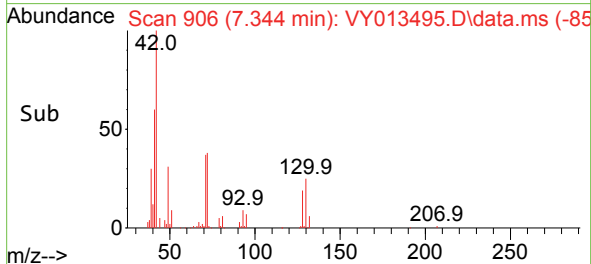
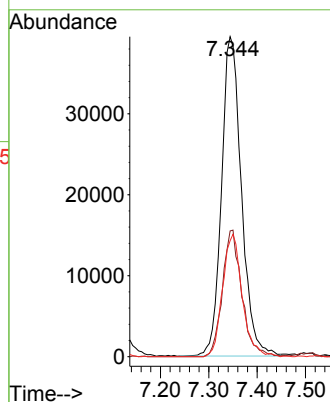
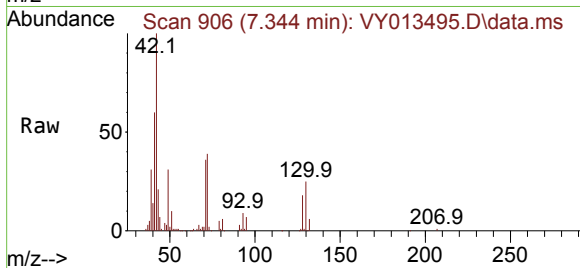
Tgt Ion: 42 Resp: 112889

Ion Ratio Lower Upper

42 100

72 38.5 35.9 53.9

71 37.7 34.3 51.5



#30

Chloroform

Concen: 21.490 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013495.D

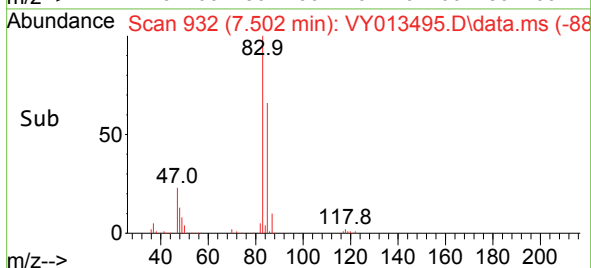
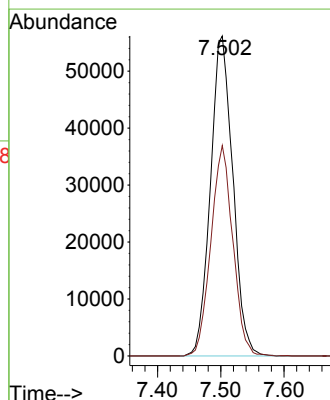
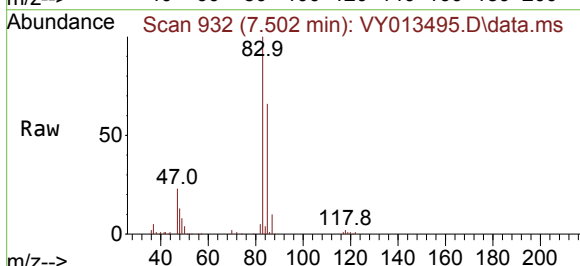
Acq: 27 Apr 2023 16:29

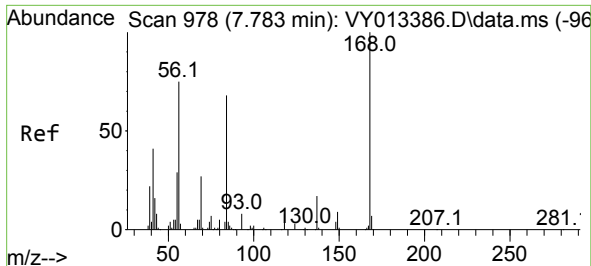
Tgt Ion: 83 Resp: 137981

Ion Ratio Lower Upper

83 100

85 65.8 52.0 78.0

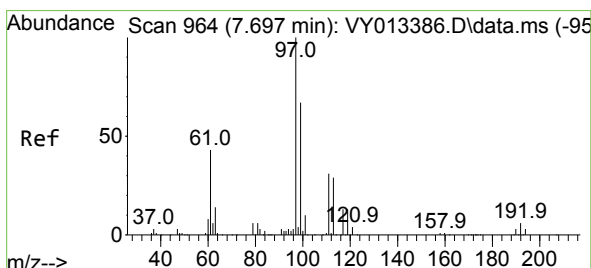
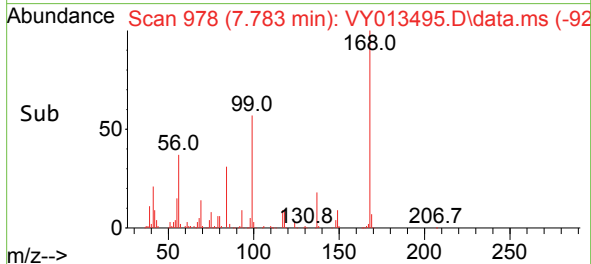
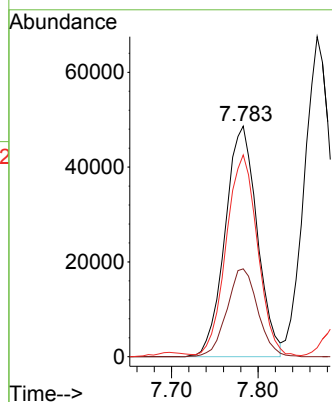
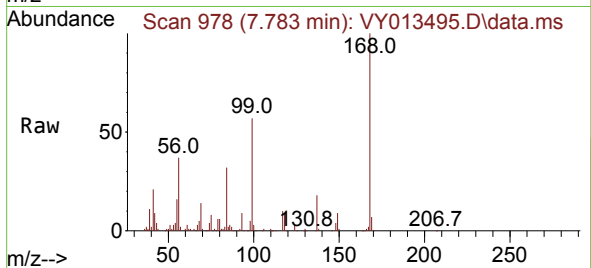




#31
Cyclohexane
Concen: 20.723 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

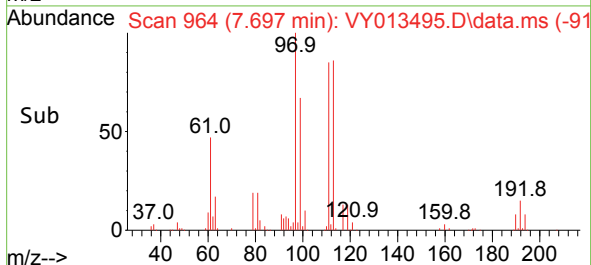
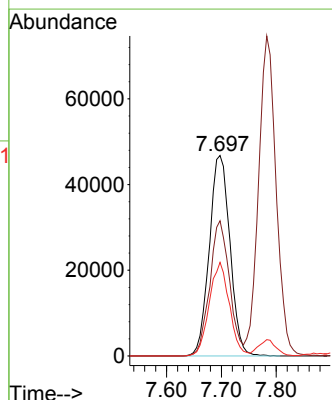
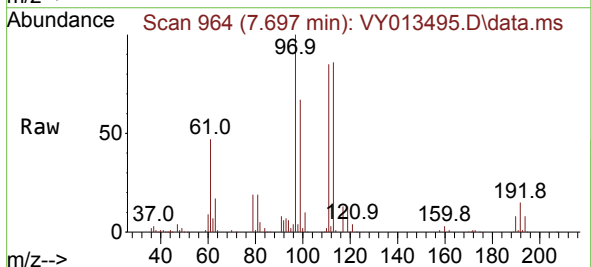
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

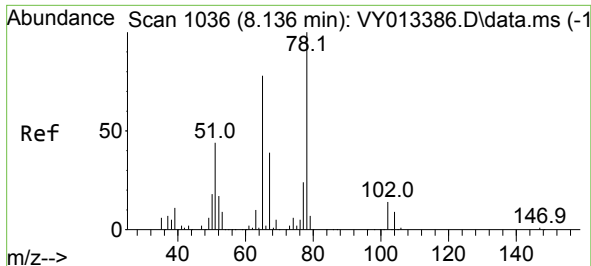
Tgt Ion: 56 Resp: 125031
Ion Ratio Lower Upper
56 100
69 38.1 29.2 43.8
84 86.1 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 21.357 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 97 Resp: 122362
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 45.4 33.8 50.8

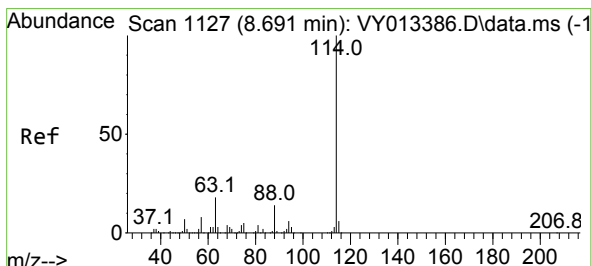
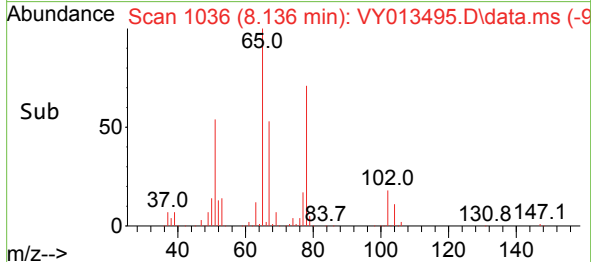
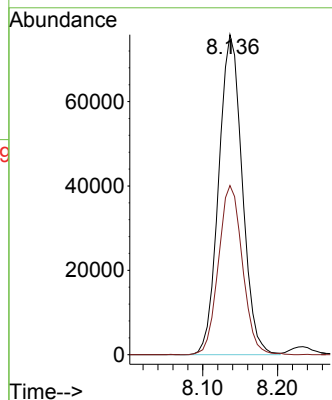
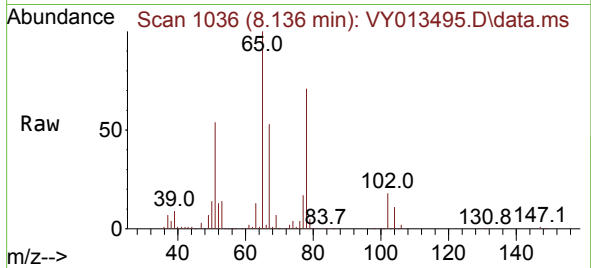




#33
 1,2-Dichloroethane-d4
 Concen: 49.289 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

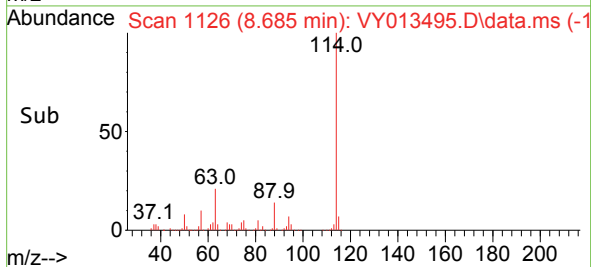
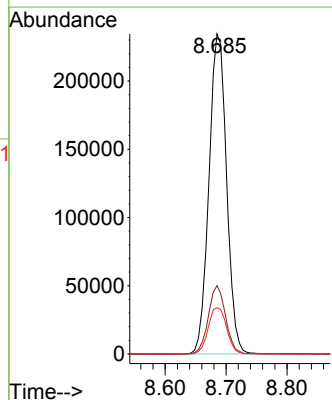
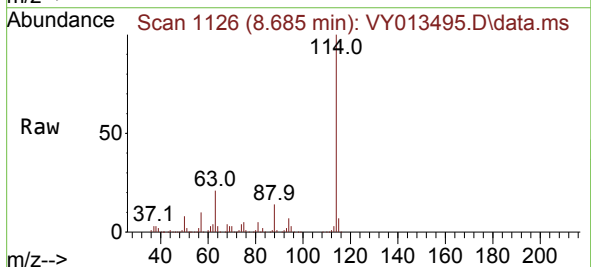
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

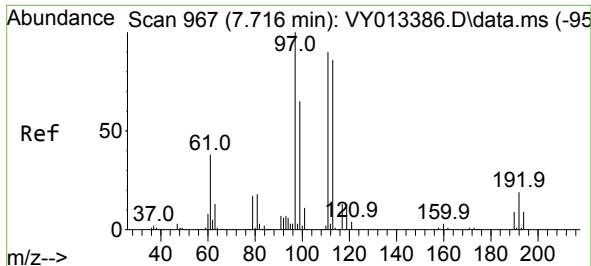
Tgt Ion: 65 Resp: 166097
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

Tgt Ion: 114 Resp: 470917
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 36.6
 88 14.4 0.0 28.8

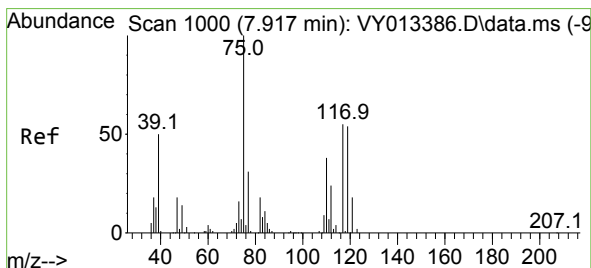
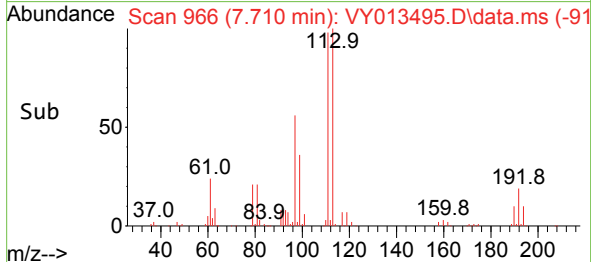
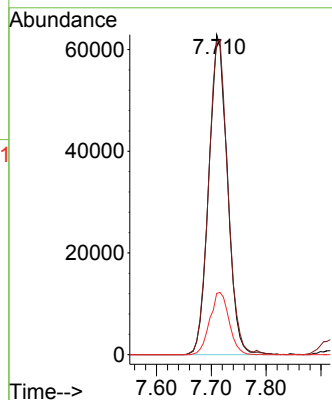
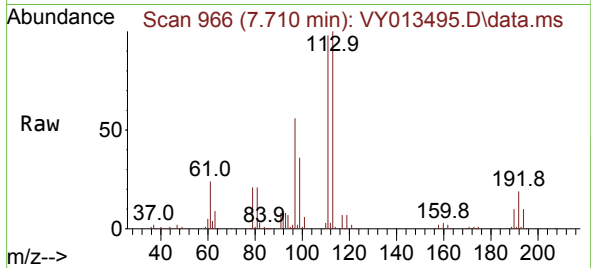




#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 7.710 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

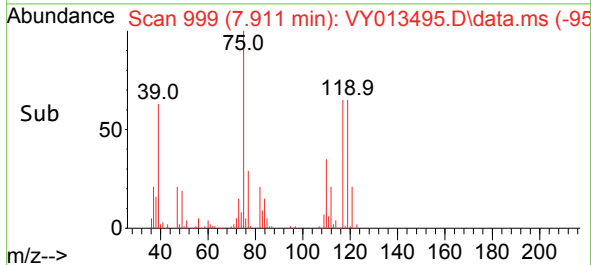
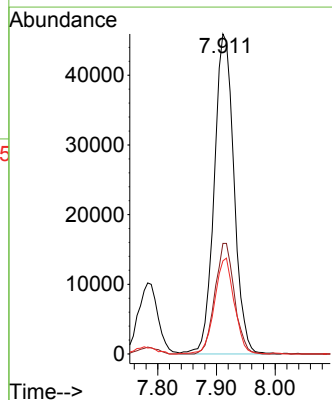
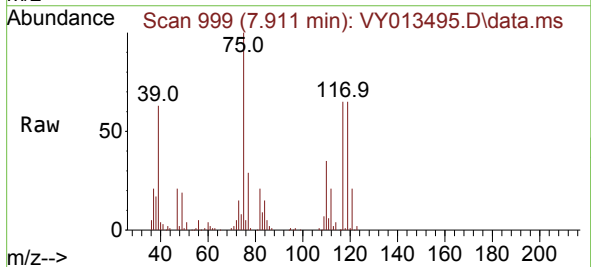
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

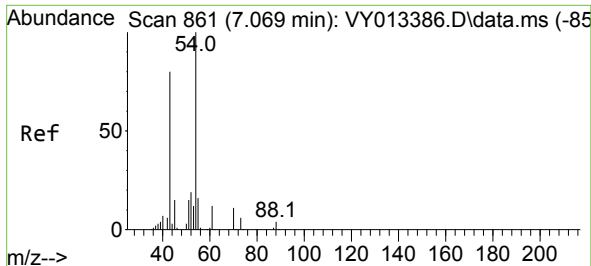
Tgt Ion:113 Resp: 148600
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 21.854 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 75 Resp: 107427
Ion Ratio Lower Upper
75 100
110 34.1 18.7 56.1
77 29.8 24.6 37.0

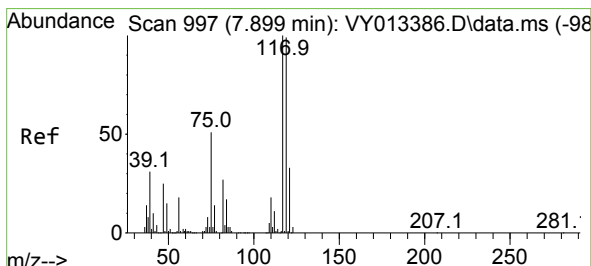
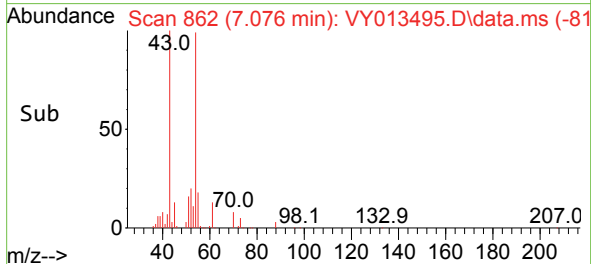
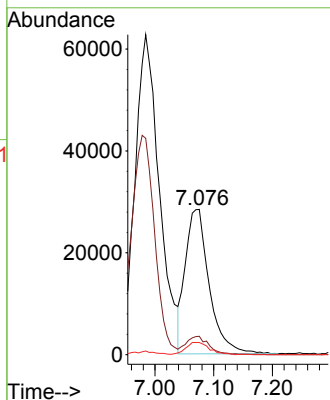
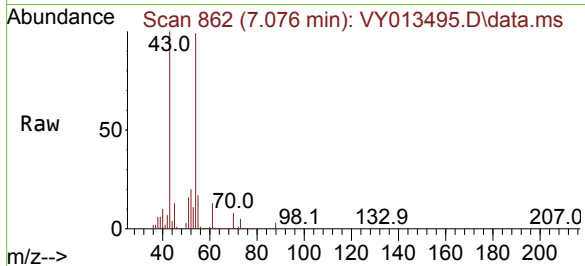




#37
Ethyl Acetate
Concen: 21.678 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.007 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

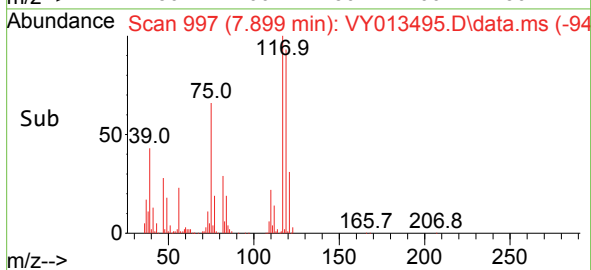
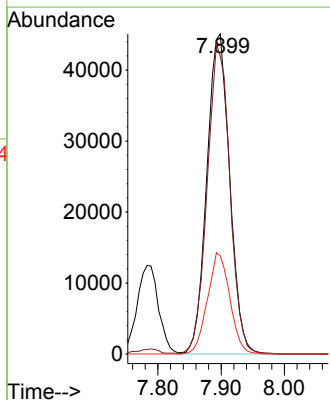
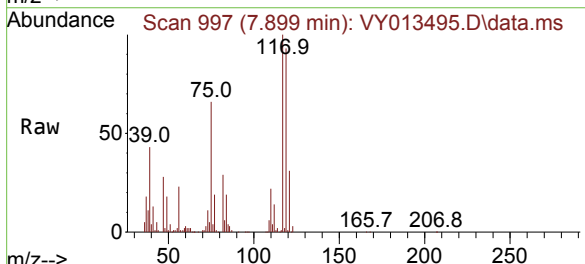
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

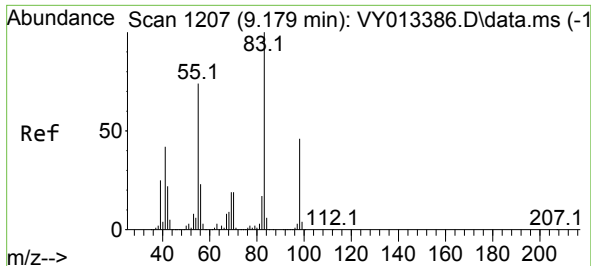
Tgt Ion: 43 Resp: 80190
Ion Ratio Lower Upper
43 100
61 12.0 11.4 17.0
70 8.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 22.016 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 117 Resp: 113431
Ion Ratio Lower Upper
117 100
119 93.0 79.0 118.6
121 30.6 26.6 40.0





#39

Methylcyclohexane

Concen: 20.623 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBSD01

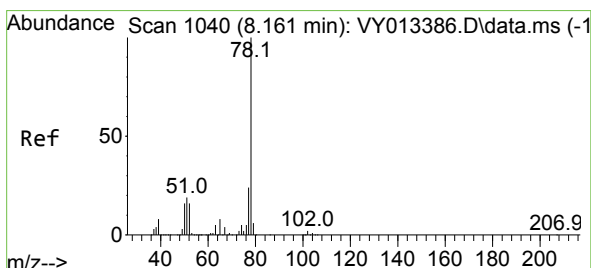
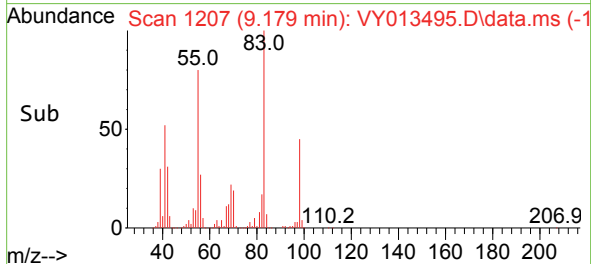
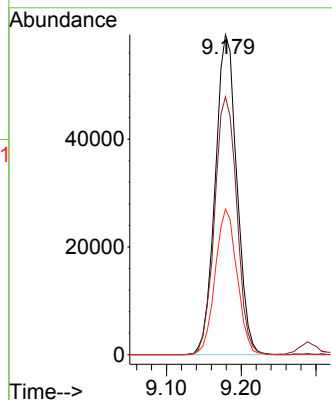
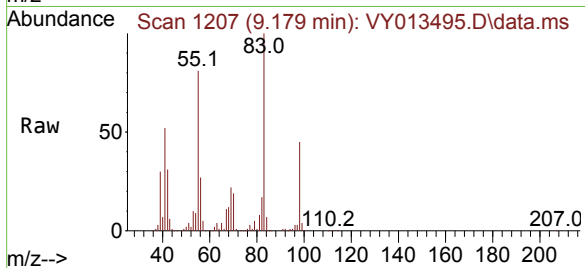
Tgt Ion: 83 Resp: 119510

Ion Ratio Lower Upper

83 100

55 80.6 59.0 88.4

98 45.5 37.0 55.4



#40

Benzene

Concen: 21.867 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013495.D

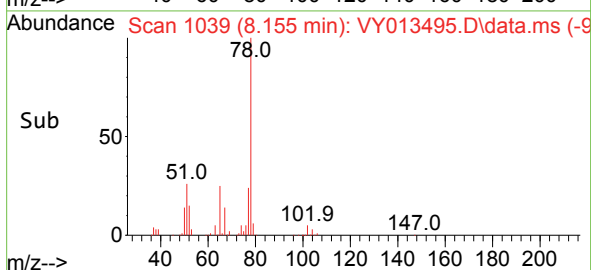
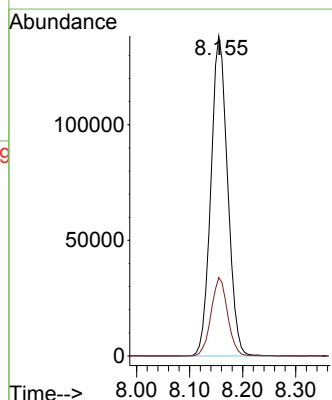
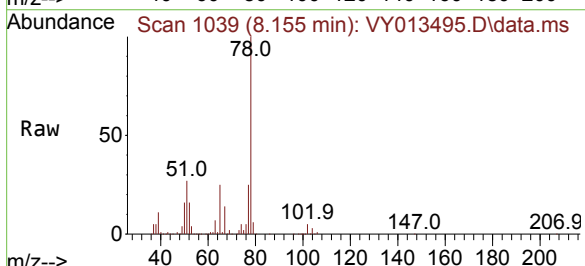
Acq: 27 Apr 2023 16:29

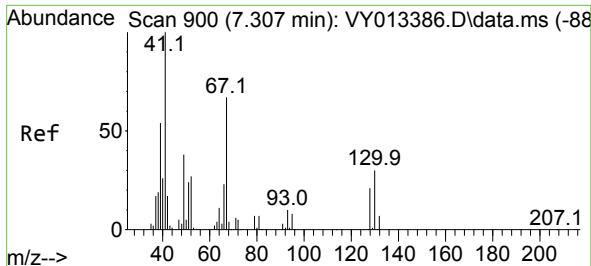
Tgt Ion: 78 Resp: 302783

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8

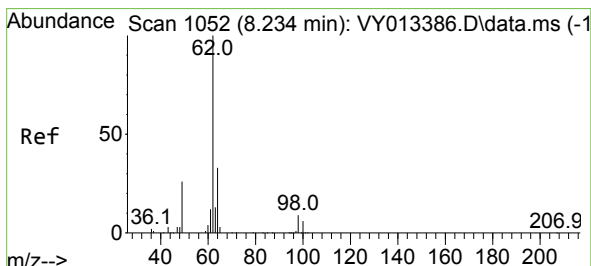
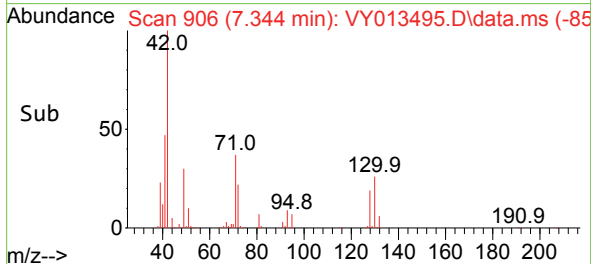
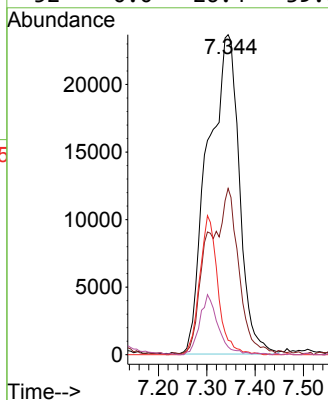
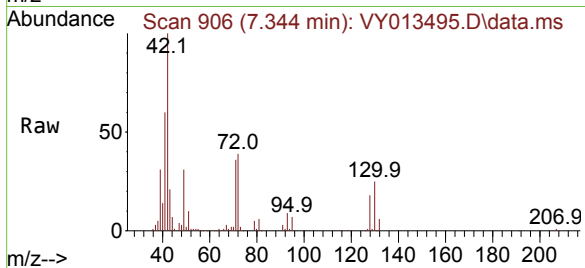




#41
Methacrylonitrile
Concen: 61.931 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

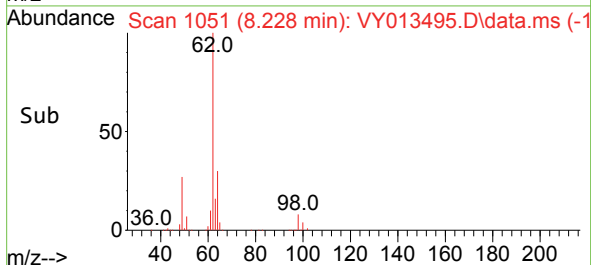
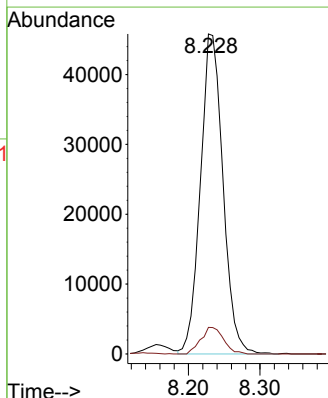
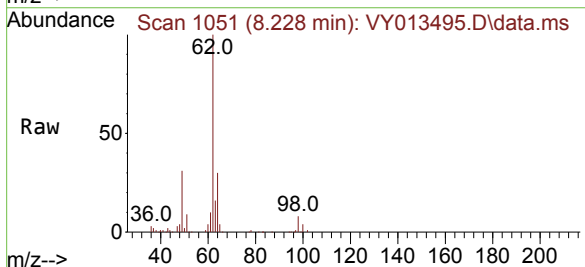
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

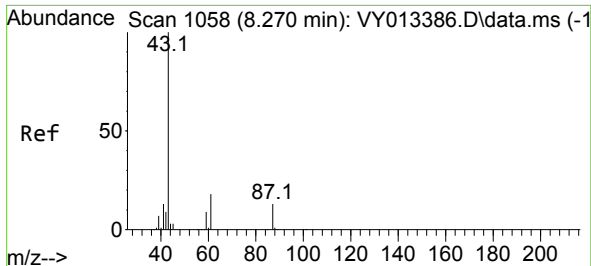
Tgt Ion: 41 Resp: 106755
Ion Ratio Lower Upper
41 100
39 27.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 22.168 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 62 Resp: 100354
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.8

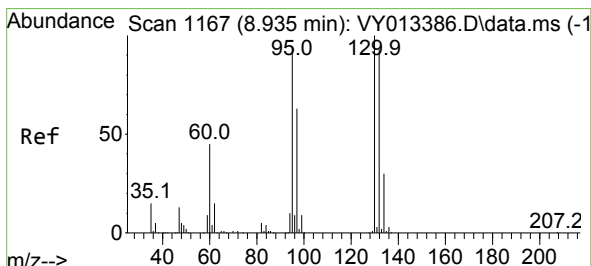
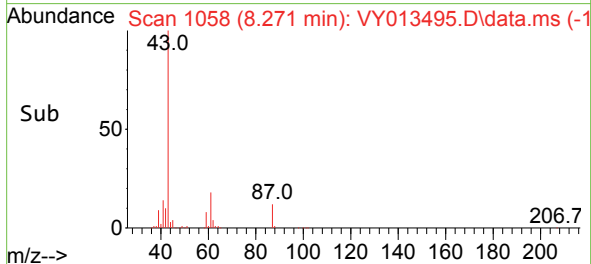
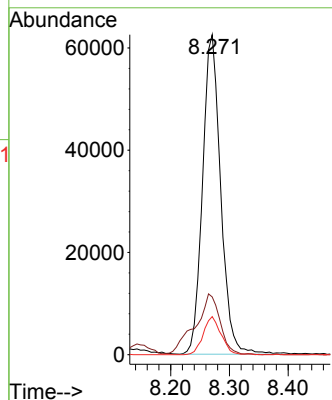
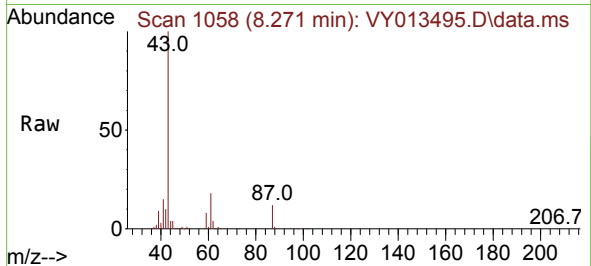




#43
Isopropyl Acetate
Concen: 21.465 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

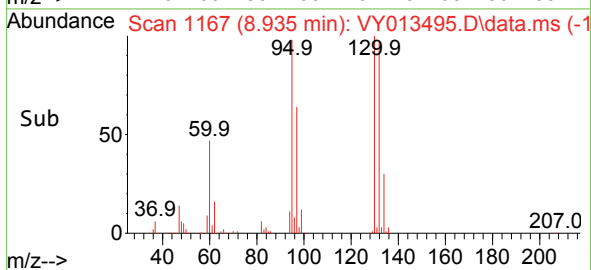
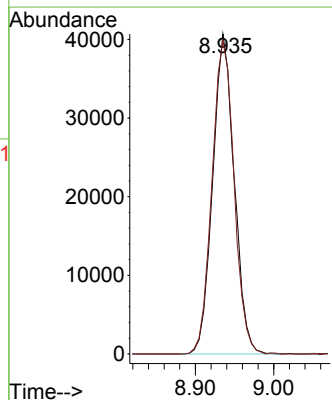
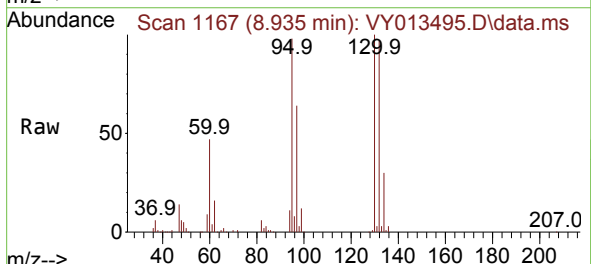
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

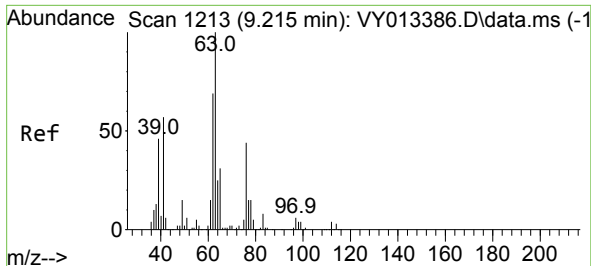
Tgt Ion: 43 Resp: 134024
Ion Ratio Lower Upper
43 100
61 25.6 22.2 33.4
87 11.8 11.0 16.6



#44
Trichloroethene
Concen: 21.086 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion:130 Resp: 77664
Ion Ratio Lower Upper
130 100
95 98.0 0.0 188.8

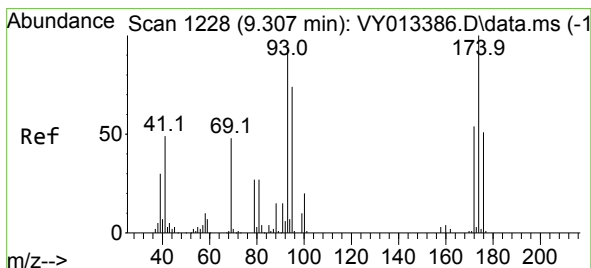
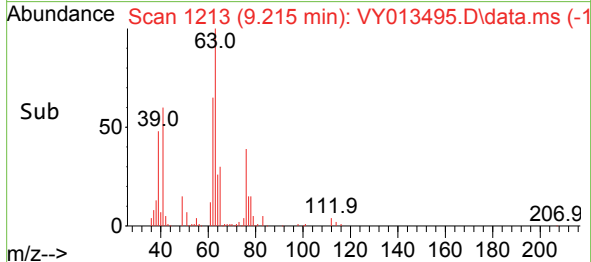
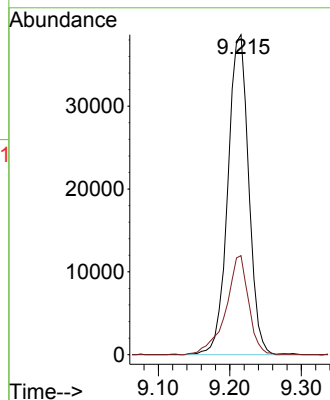
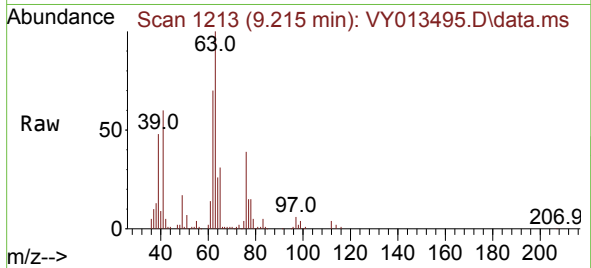




#45
1,2-Dichloropropane
Concen: 21.541 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

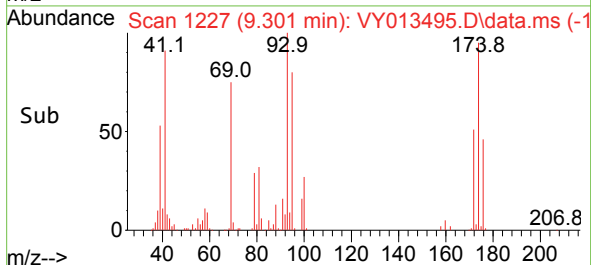
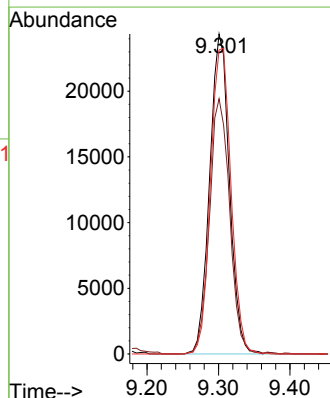
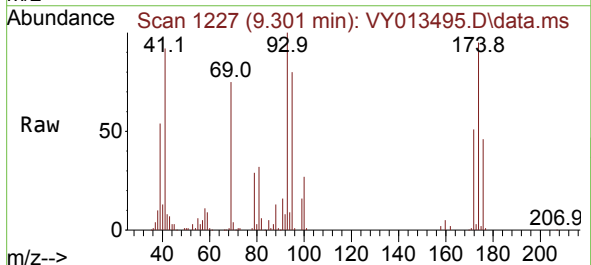
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

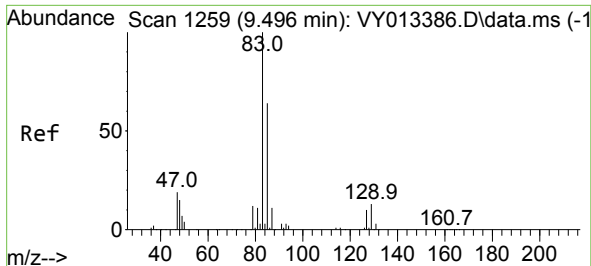
Tgt Ion: 63 Resp: 77987
Ion Ratio Lower Upper
63 100
65 31.0 24.6 37.0



#46
Dibromomethane
Concen: 21.654 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 93 Resp: 46908
Ion Ratio Lower Upper
93 100
95 81.1 67.1 100.7
174 98.8 87.0 130.4

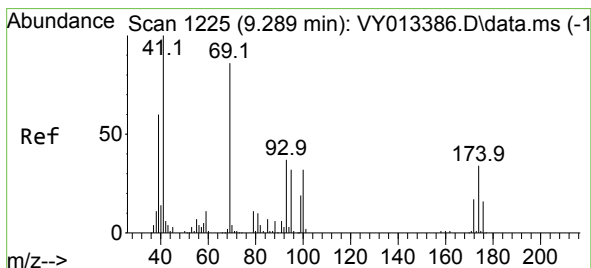
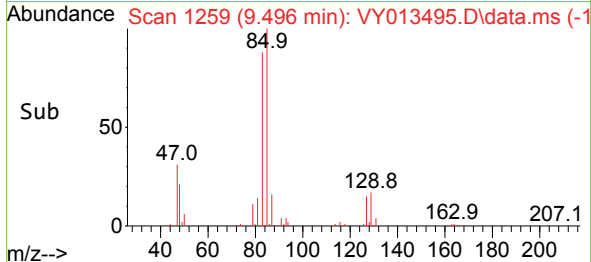
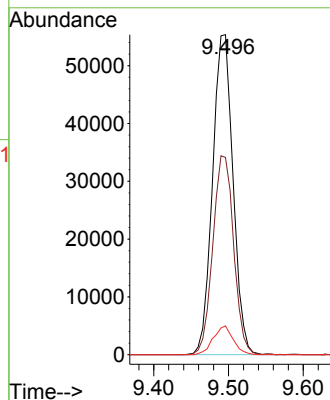
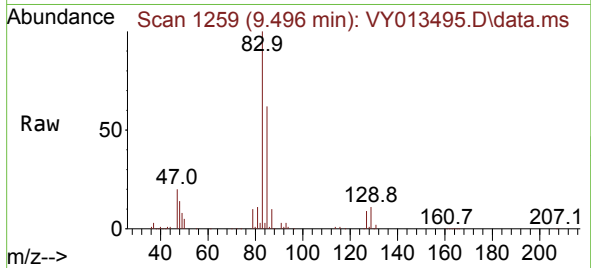




#47
Bromodichloromethane
Concen: 21.715 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

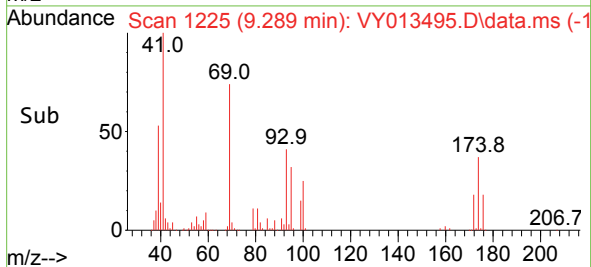
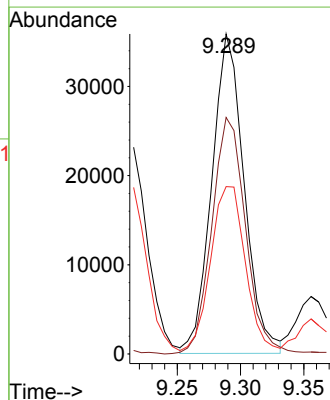
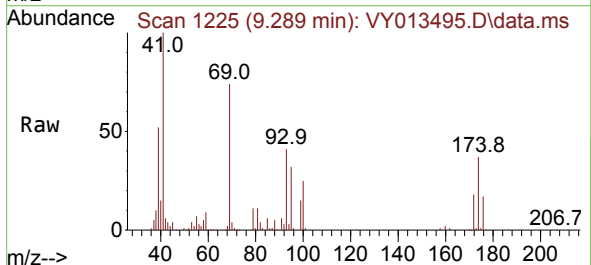
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

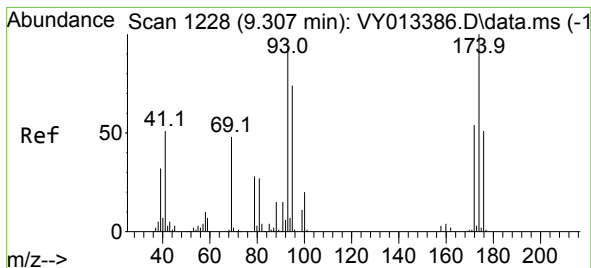
Tgt Ion: 83 Resp: 105256
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.2
127 9.0 8.1 12.1



#48
Methyl methacrylate
Concen: 22.244 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 41 Resp: 63785
Ion Ratio Lower Upper
41 100
69 77.6 70.2 105.4
39 54.6 47.9 71.9





#49

1,4-Dioxane

Concen: 451.350 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

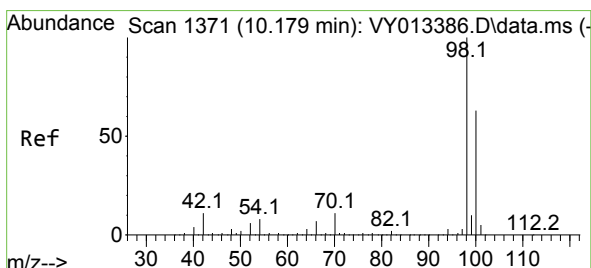
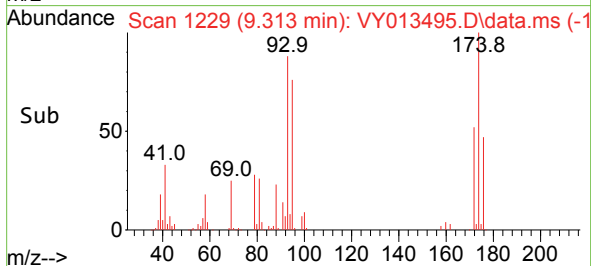
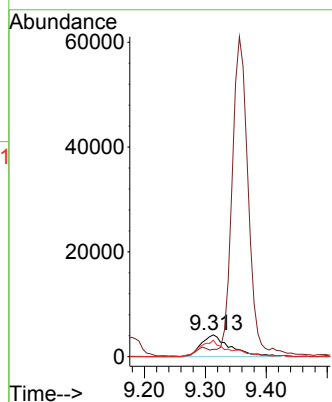
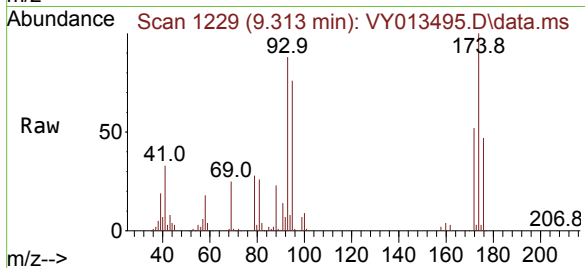
Tgt Ion: 88 Resp: 13964

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 74.7 54.3 81.5



#50

Toluene-d8

Concen: 48.908 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013495.D

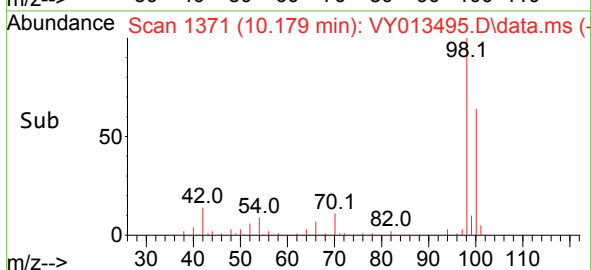
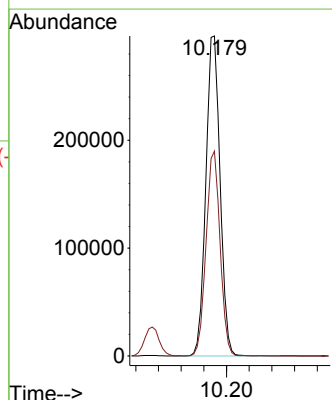
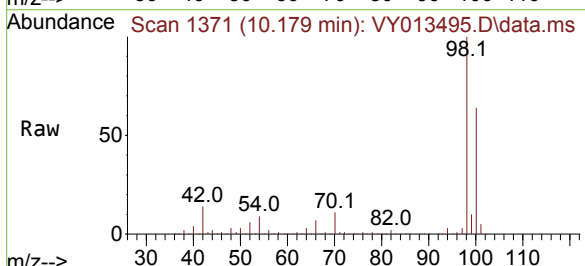
Acq: 27 Apr 2023 16:29

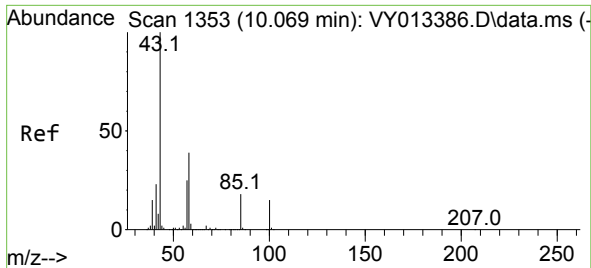
Tgt Ion: 98 Resp: 515322

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7

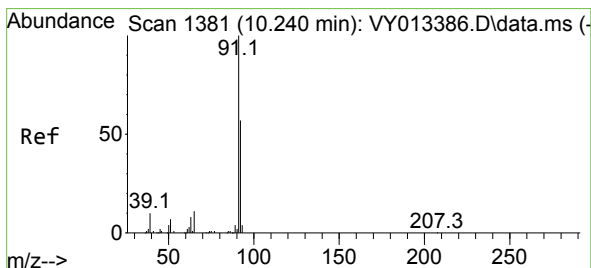
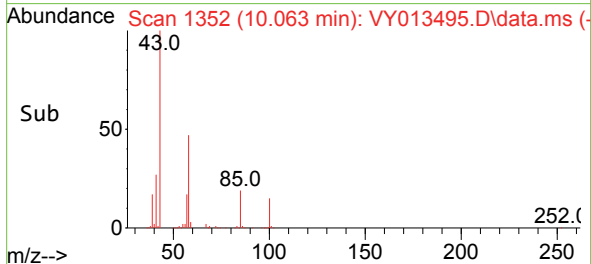
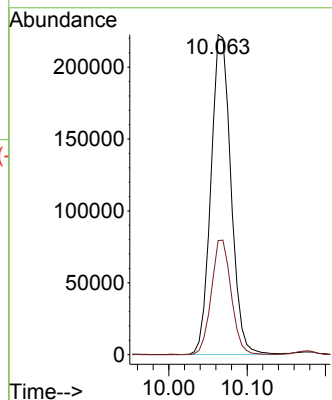
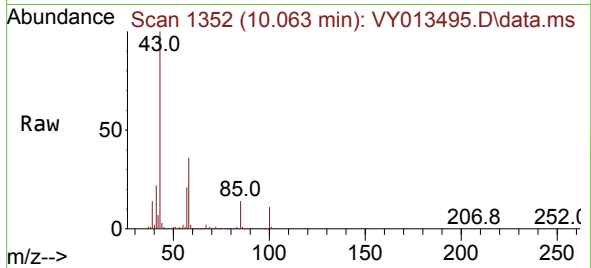




#51
4-Methyl-2-Pentanone
Concen: 113.558 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

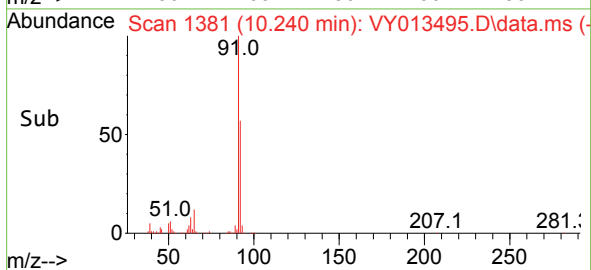
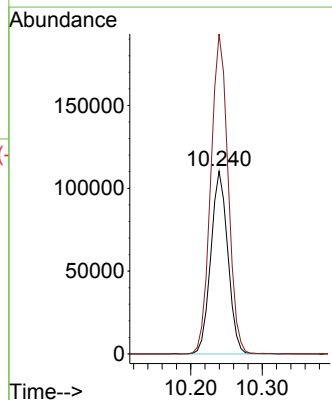
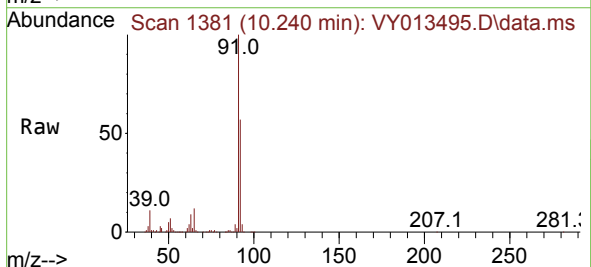
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

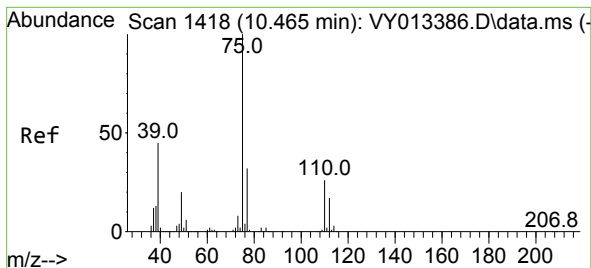
Tgt Ion: 43 Resp: 395106
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0



#52
Toluene
Concen: 21.839 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 92 Resp: 181975
Ion Ratio Lower Upper
92 100
91 178.4 140.2 210.4

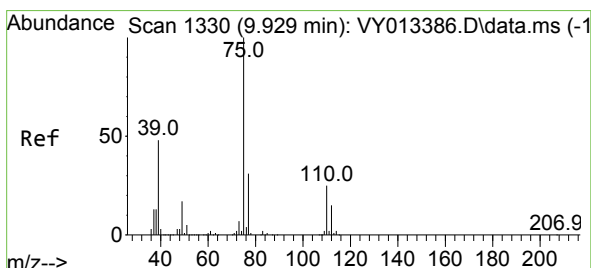
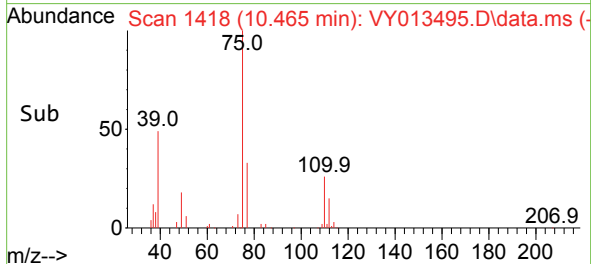
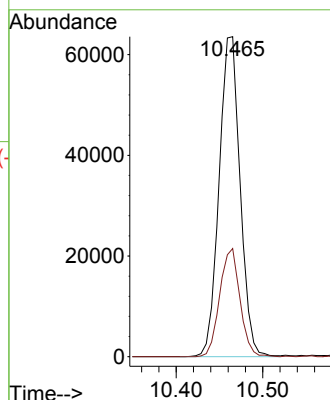
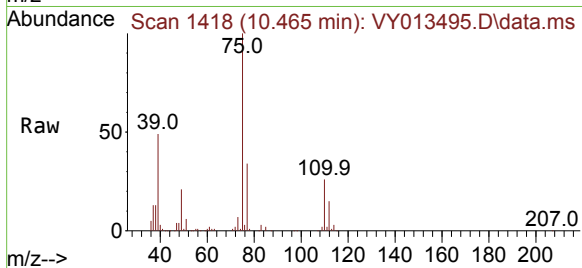




#53
 t-1,3-Dichloropropene
 Concen: 20.892 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

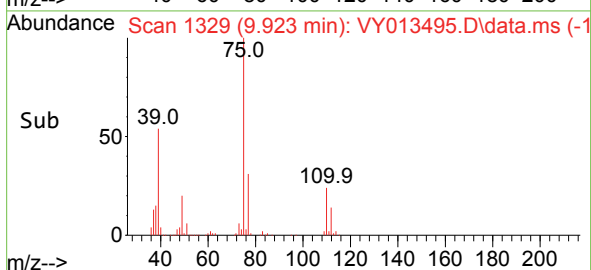
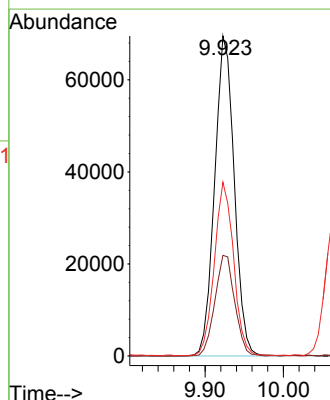
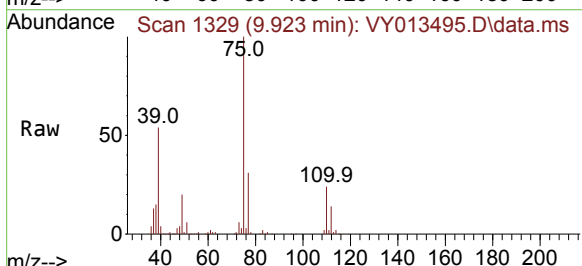
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBSD01

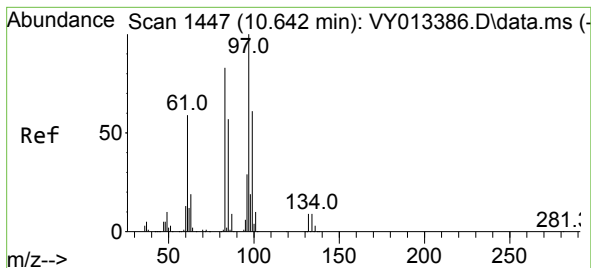
Tgt Ion: 75 Resp: 107178
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.931 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013495.D
 Acq: 27 Apr 2023 16:29

Tgt Ion: 75 Resp: 120822
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 54.2 38.1 57.1

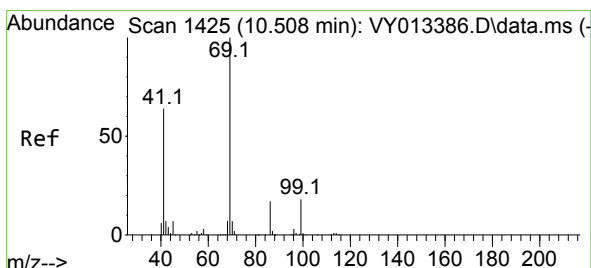
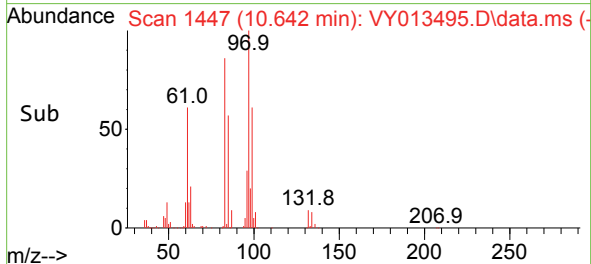
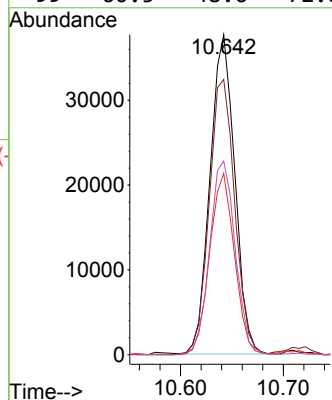
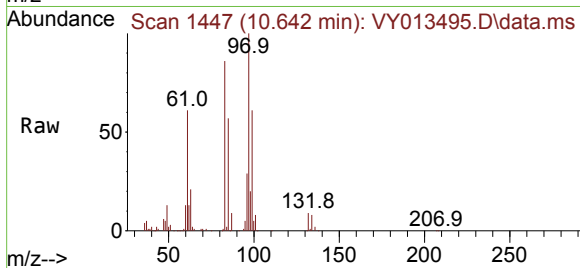




#55
1,1,2-Trichloroethane
Concen: 21.890 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

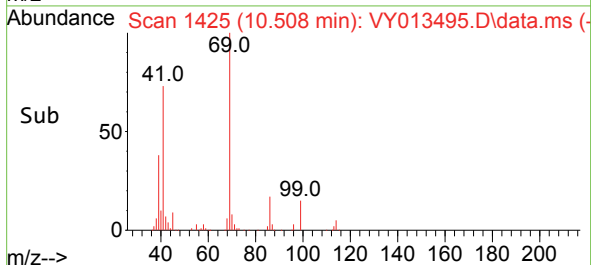
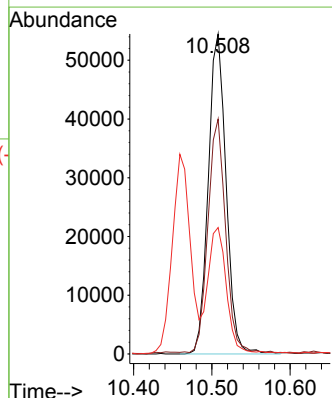
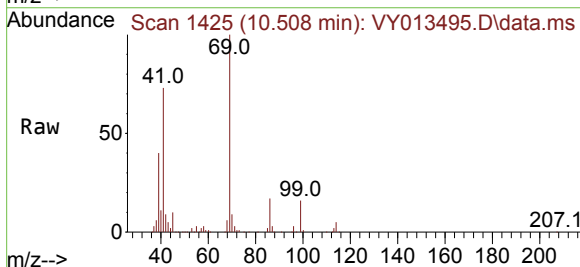
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

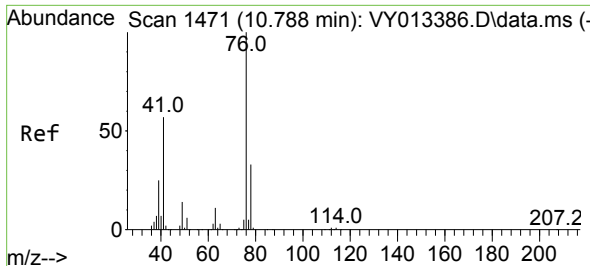
Tgt Ion: 97	Resp: 62796
Ion Ratio	Lower Upper
97 100	
83 85.8	66.4 99.6
85 56.8	45.6 68.4
99 60.5	48.6 72.8



#56
Ethyl methacrylate
Concen: 21.622 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 69	Resp: 86054
Ion Ratio	Lower Upper
69 100	
41 72.1	51.4 77.0
39 41.3	29.0 43.6





#57

1,3-Dichloropropane

Concen: 21.666 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

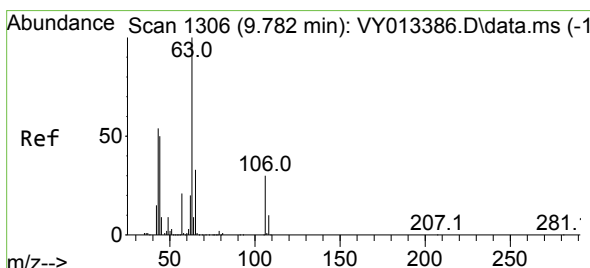
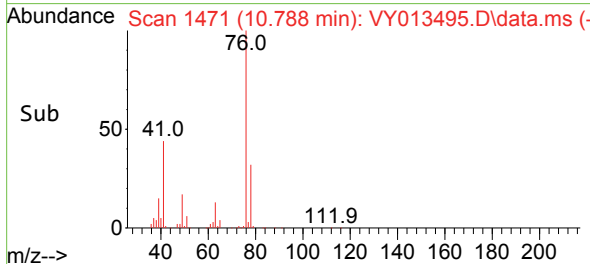
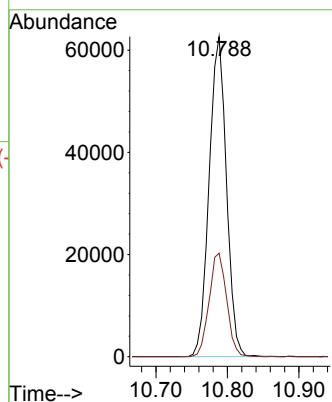
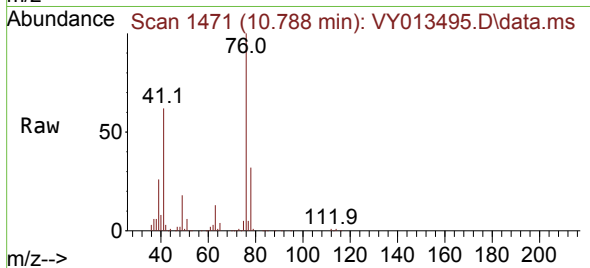
VY0427SBSD01

Tgt Ion: 76 Resp: 105263

Ion Ratio Lower Upper

76 100

78 32.7 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 120.266 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013495.D

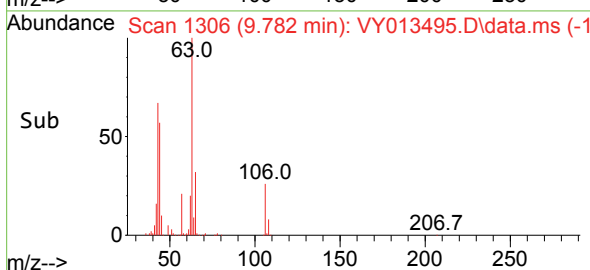
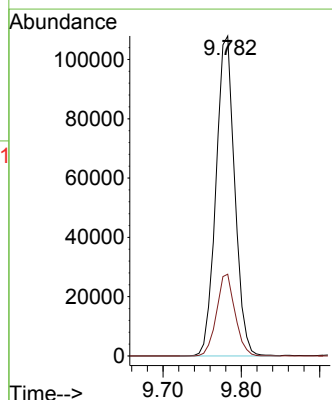
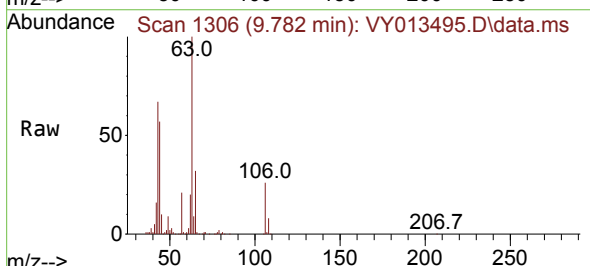
Acq: 27 Apr 2023 16:29

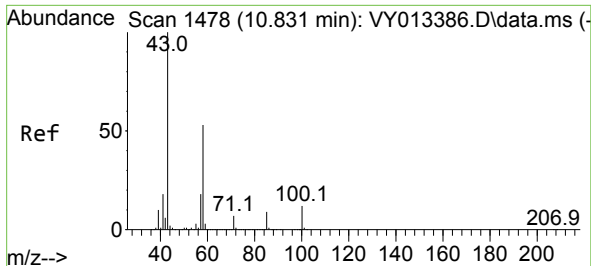
Tgt Ion: 63 Resp: 179486

Ion Ratio Lower Upper

63 100

106 25.3 23.5 35.3

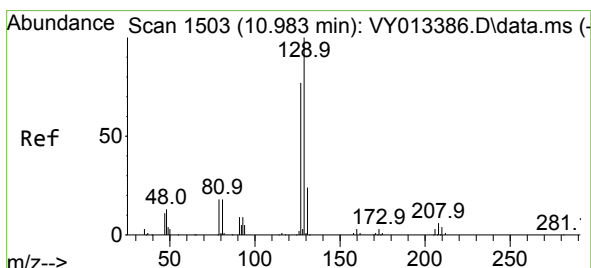
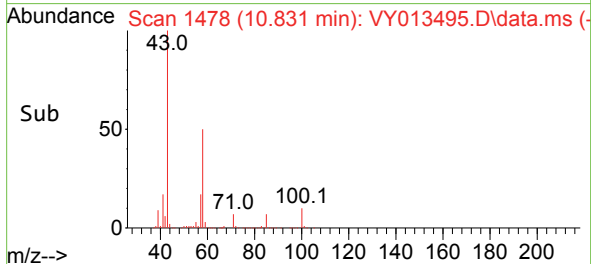
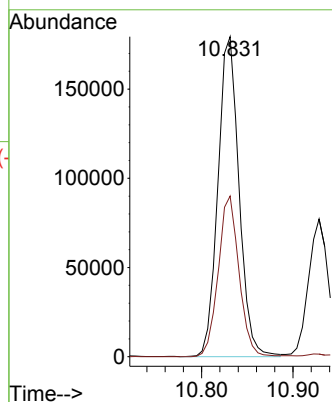
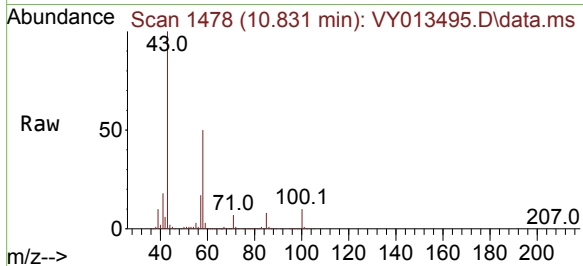




#59
2-Hexanone
Concen: 113.826 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

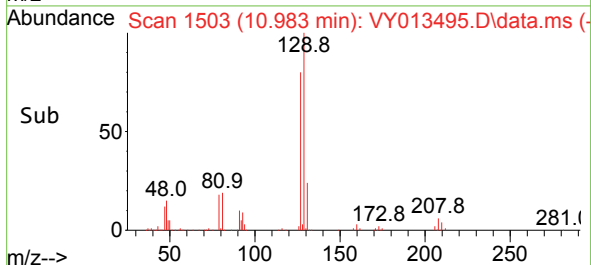
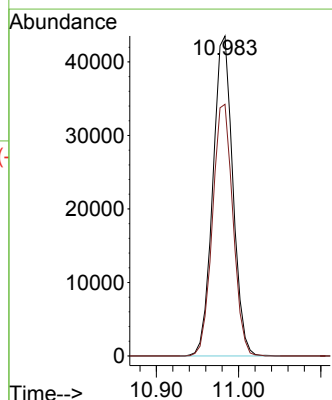
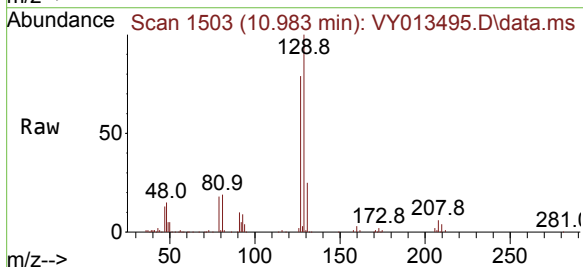
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

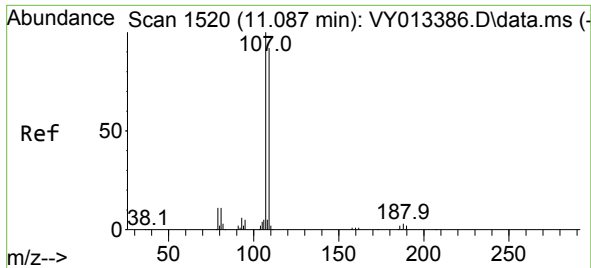
Tgt Ion: 43 Resp: 287889
Ion Ratio Lower Upper
43 100
58 49.7 26.3 78.8



#60
Dibromochloromethane
Concen: 21.055 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 129 Resp: 73339
Ion Ratio Lower Upper
129 100
127 80.4 38.7 116.1

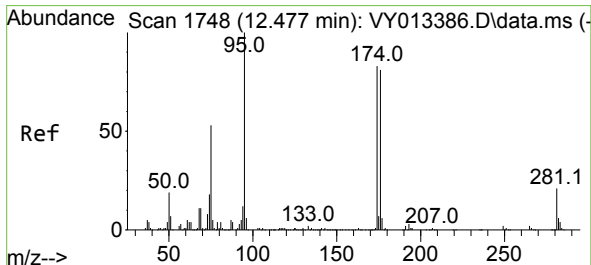
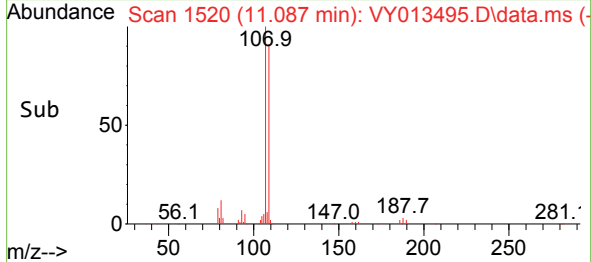
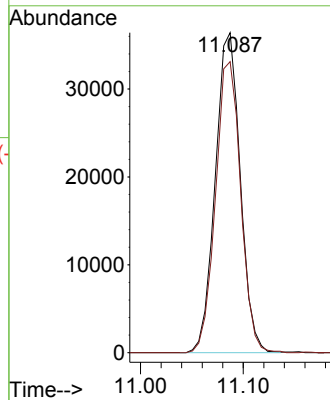
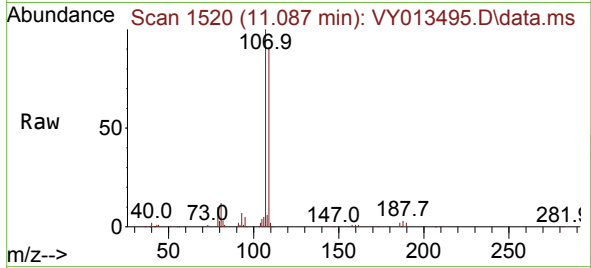




#61
1,2-Dibromoethane
Concen: 21.746 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

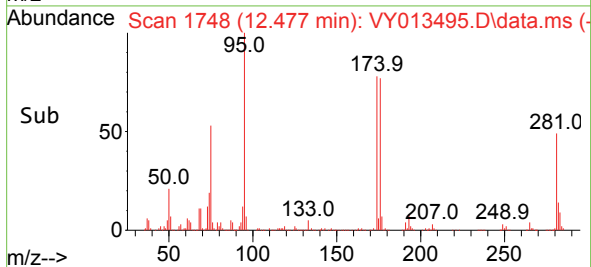
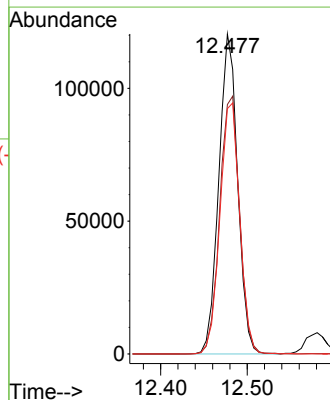
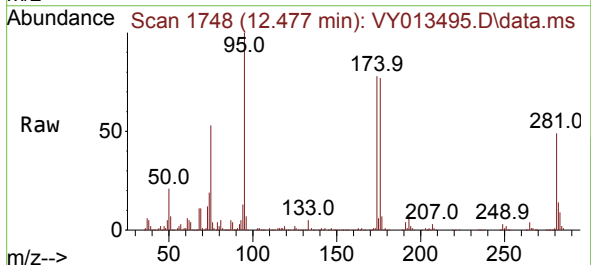
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

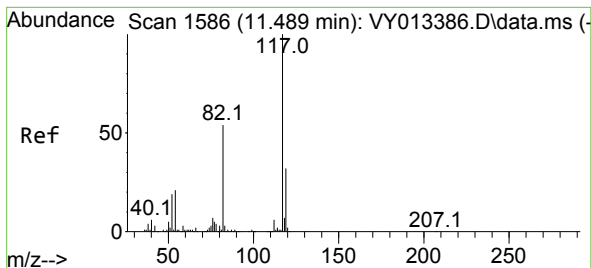
Tgt Ion:107 Resp: 61334
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.180 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 95 Resp: 181797
Ion Ratio Lower Upper
95 100
174 85.1 0.0 182.0
176 82.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

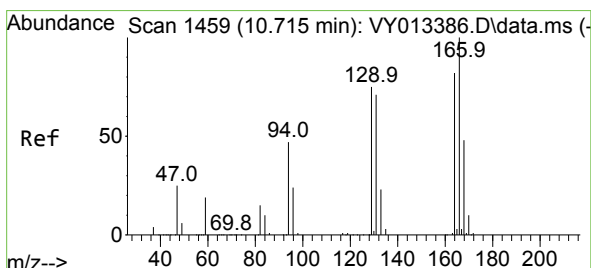
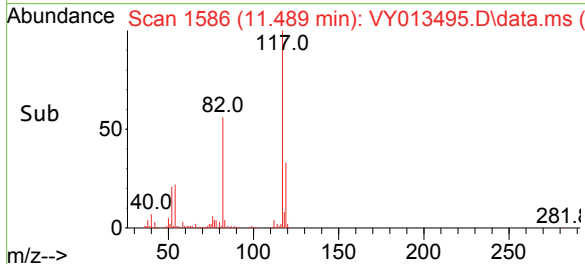
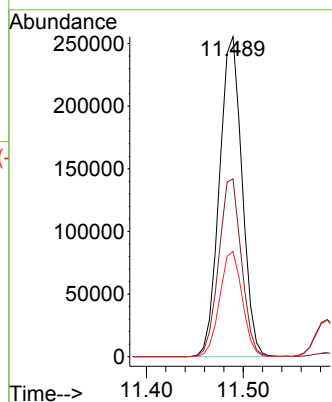
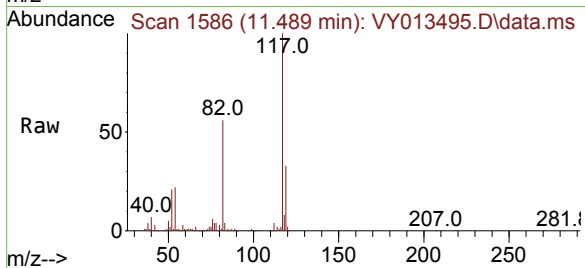
Tgt Ion:117 Resp: 414716

Ion Ratio Lower Upper

117 100

82 55.6 43.0 64.6

119 32.9 25.5 38.3



#64

Tetrachloroethene

Concen: 21.683 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Tgt Ion:164 Resp: 68377

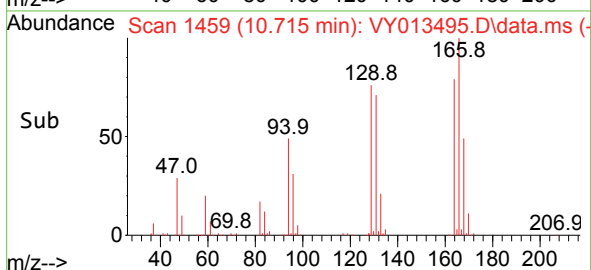
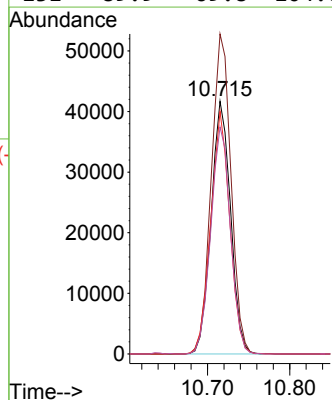
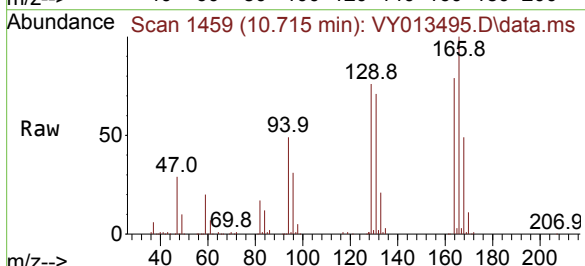
Ion Ratio Lower Upper

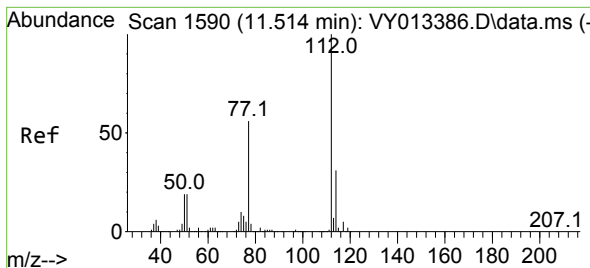
164 100

166 126.6 97.5 146.3

129 96.0 72.6 109.0

131 89.9 69.8 104.6

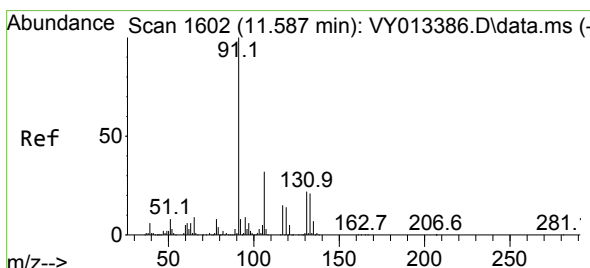
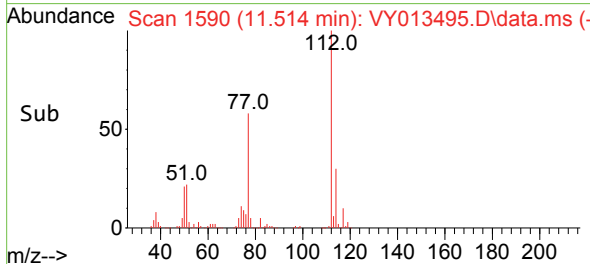
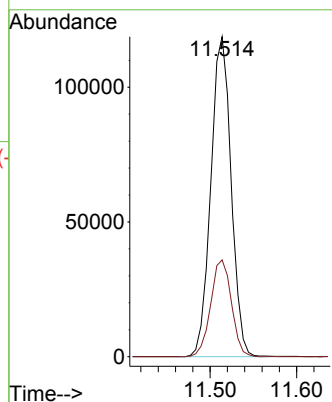
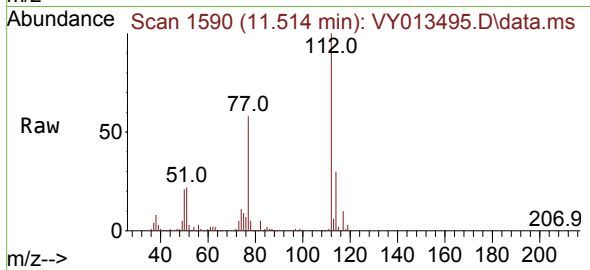




#65
Chlorobenzene
Concen: 21.361 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

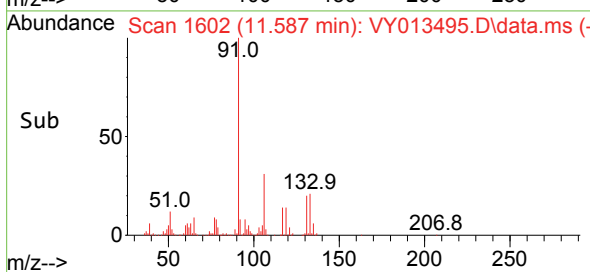
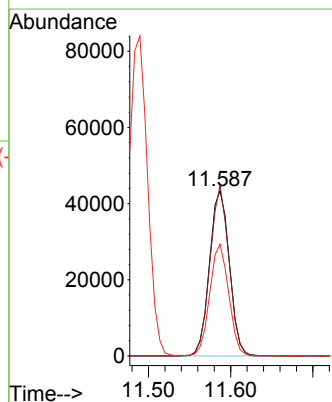
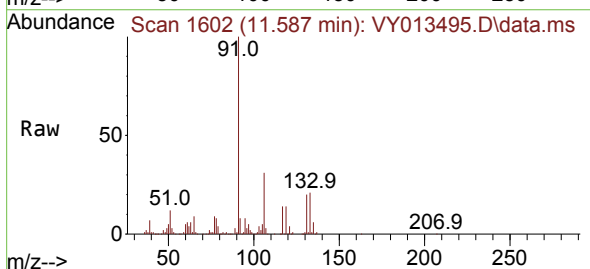
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

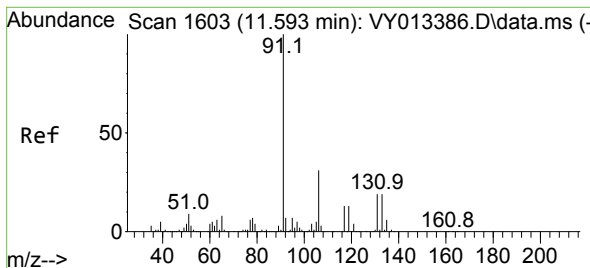
Tgt Ion:112 Resp: 192982
Ion Ratio Lower Upper
112 100
114 30.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.521 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion:131 Resp: 72713
Ion Ratio Lower Upper
131 100
133 98.8 47.7 143.1
119 64.7 32.6 98.0





#67

Ethyl Benzene

Concen: 21.303 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

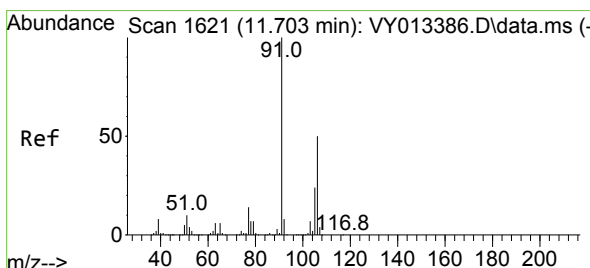
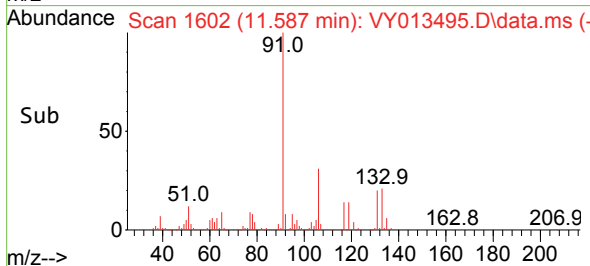
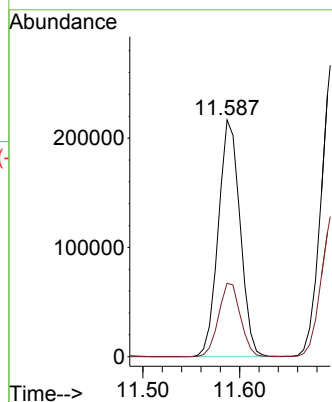
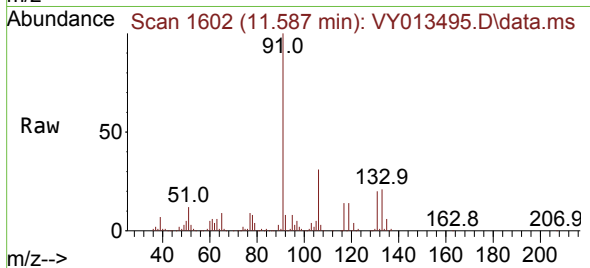
VY0427SBS01

Tgt Ion: 91 Resp: 337943

Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7



#68

m/p-Xylenes

Concen: 43.287 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013495.D

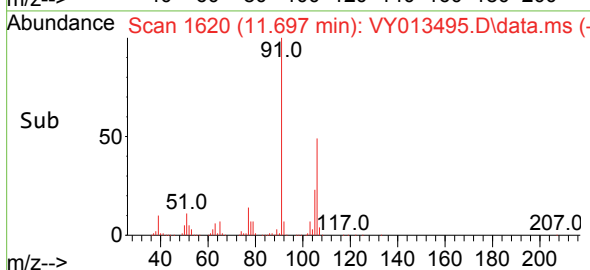
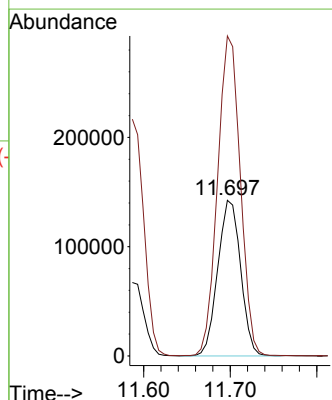
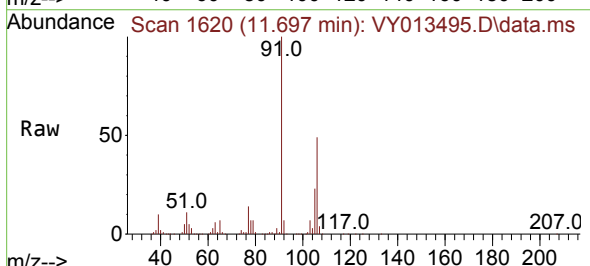
Acq: 27 Apr 2023 16:29

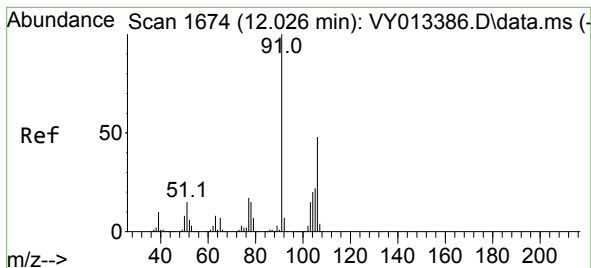
Tgt Ion:106 Resp: 261049

Ion Ratio Lower Upper

106 100

91 205.0 160.9 241.3





#69

o-Xylene

Concen: 21.240 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

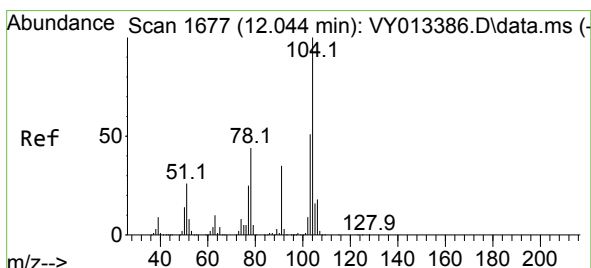
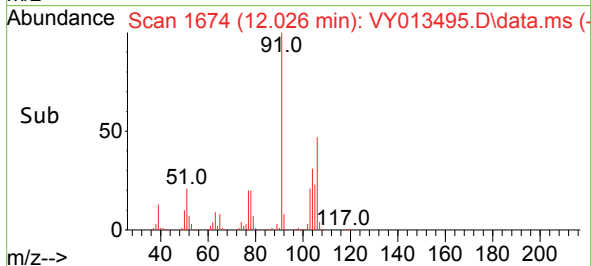
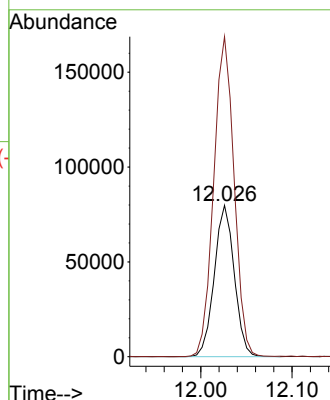
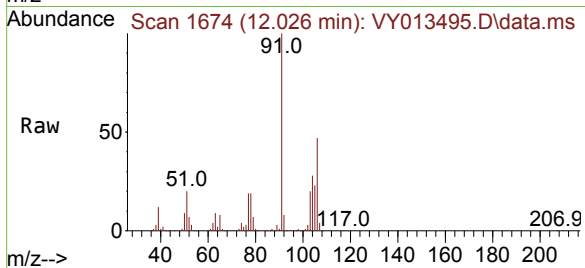
VY0427SBSD01

Tgt Ion:106 Resp: 121145

Ion Ratio Lower Upper

106 100

91 215.8 105.5 316.4



#70

Styrene

Concen: 21.721 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

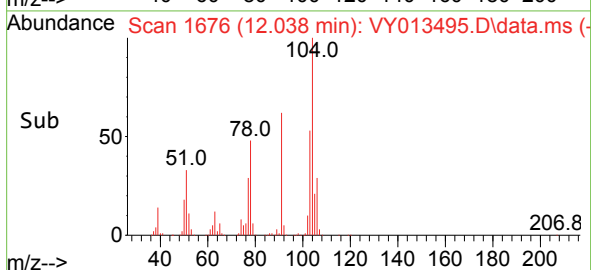
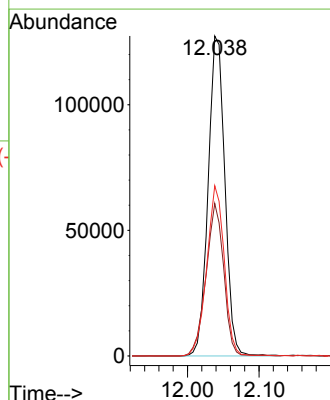
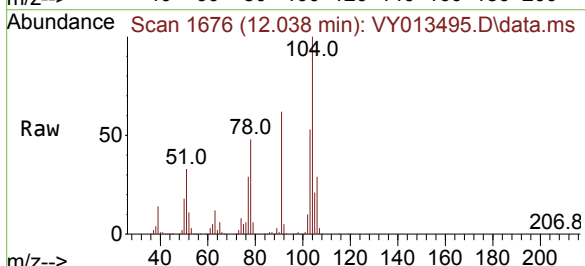
Tgt Ion:104 Resp: 207139

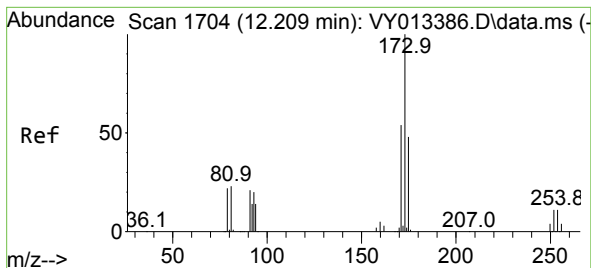
Ion Ratio Lower Upper

104 100

78 50.3 40.3 60.5

103 55.8 45.0 67.4





#71

Bromoform

Concen: 21.954 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBSD01

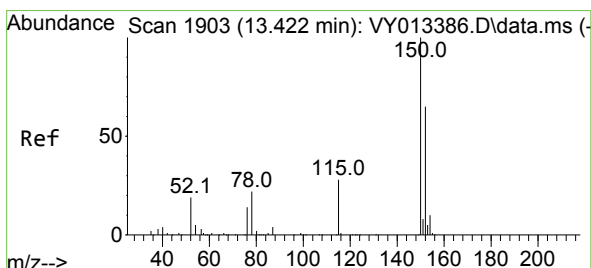
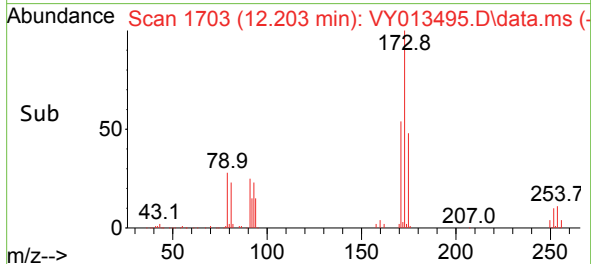
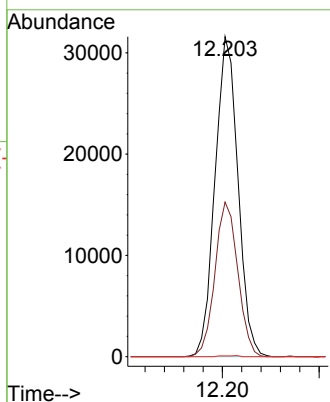
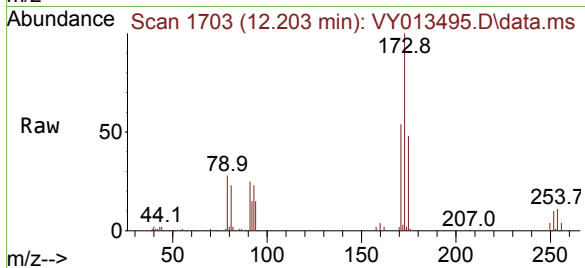
Tgt Ion:173 Resp: 51956

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

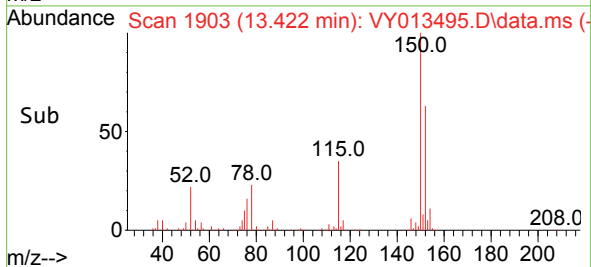
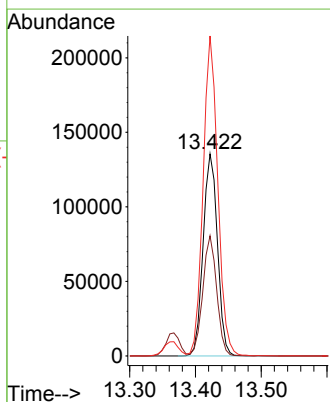
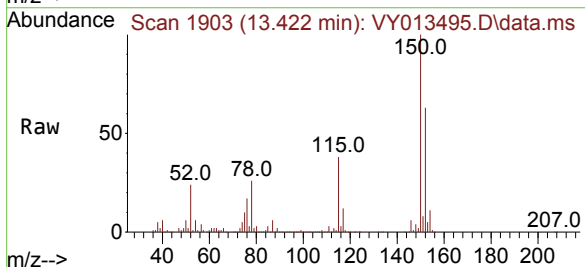
Tgt Ion:152 Resp: 205832

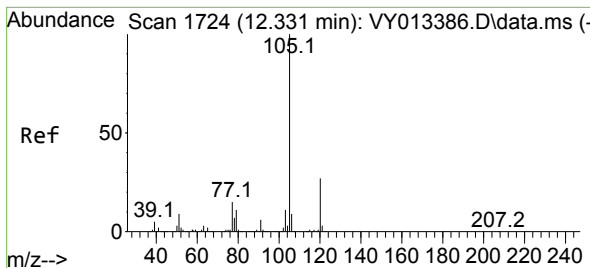
Ion Ratio Lower Upper

152 100

115 57.7 28.1 84.2

150 161.7 0.0 352.0





#73

Isopropylbenzene

Concen: 20.645 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

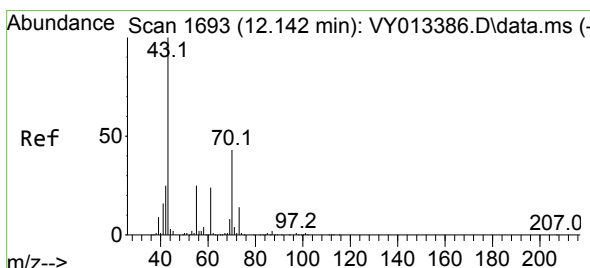
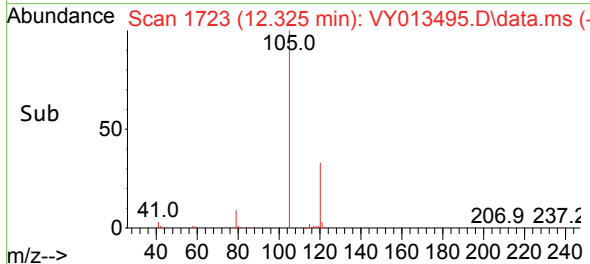
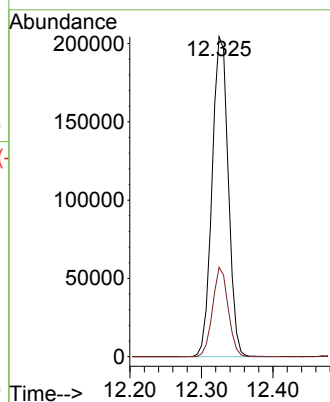
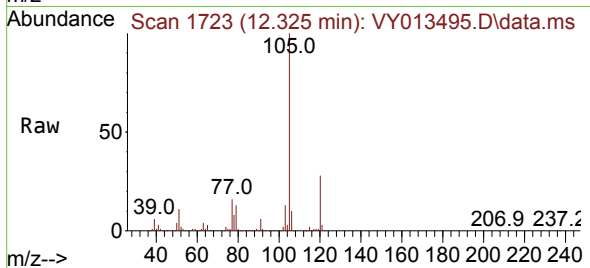
VY0427SBS01

Tgt Ion:105 Resp: 321410

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.0



#74

N-ethyl acetate

Concen: 21.186 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Tgt Ion: 43 Resp: 117372

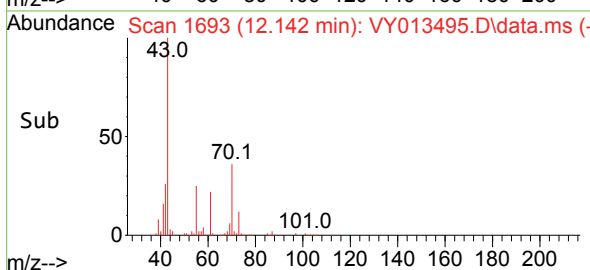
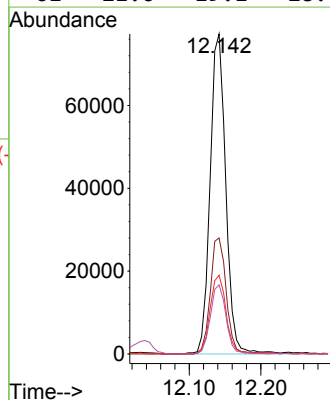
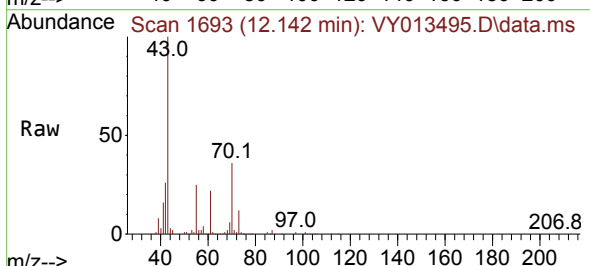
Ion Ratio Lower Upper

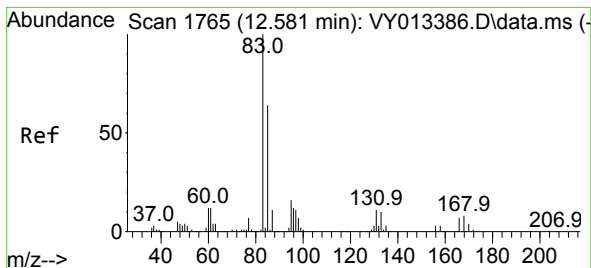
43 100

70 37.1 33.0 49.4

55 25.2 19.8 29.6

61 21.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.702 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBSD01

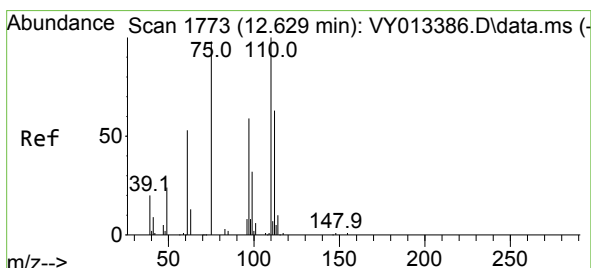
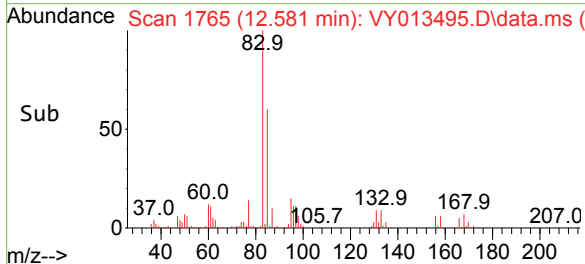
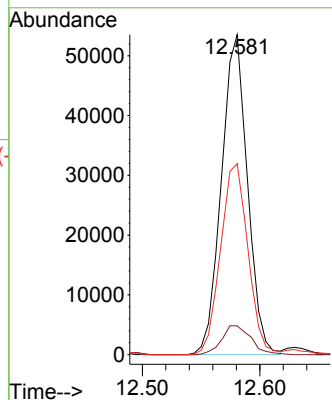
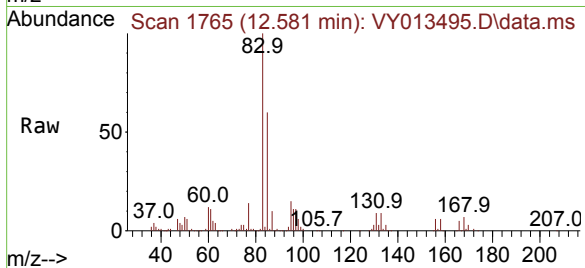
Tgt Ion: 83 Resp: 82585

Ion Ratio Lower Upper

83 100

131 10.2 5.7 17.0

85 62.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.215 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013495.D

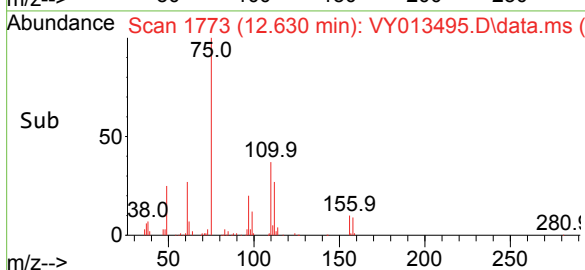
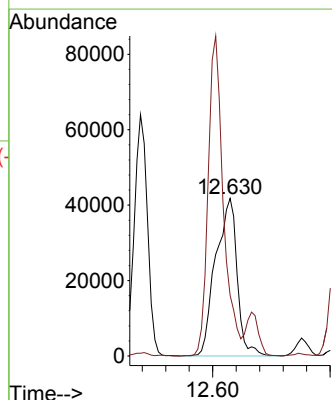
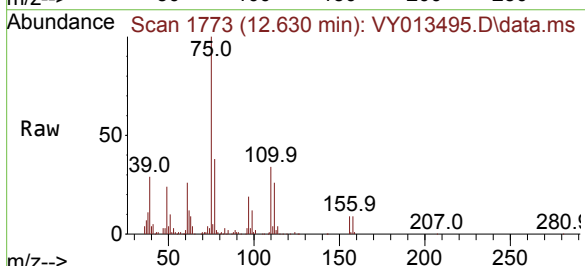
Acq: 27 Apr 2023 16:29

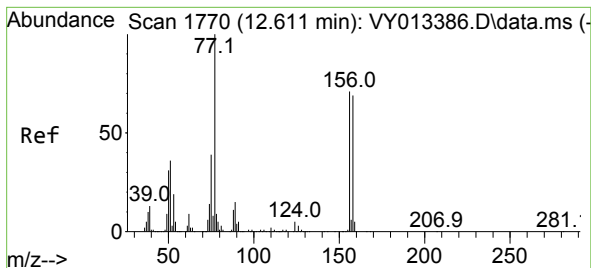
Tgt Ion: 75 Resp: 106082

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.143 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBSD01

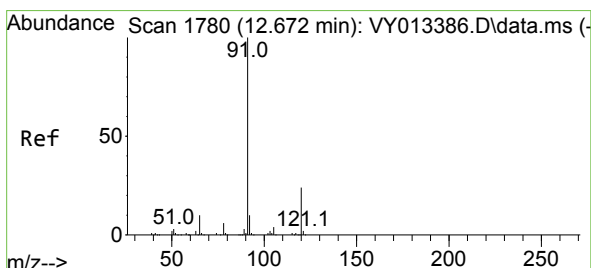
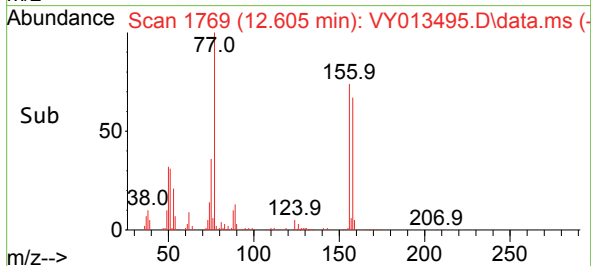
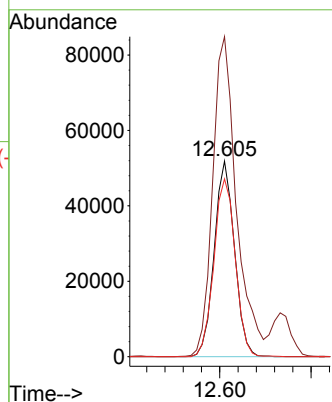
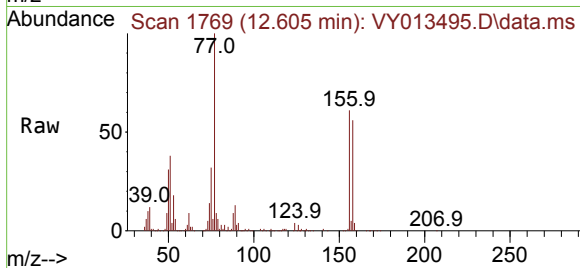
Tgt Ion:156 Resp: 79756

Ion Ratio Lower Upper

156 100

77 192.0 87.6 262.9

158 95.9 48.5 145.5



#78

n-propylbenzene

Concen: 21.109 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013495.D

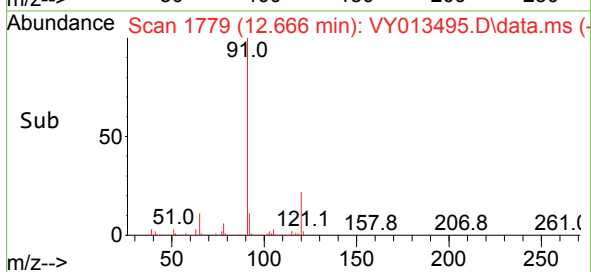
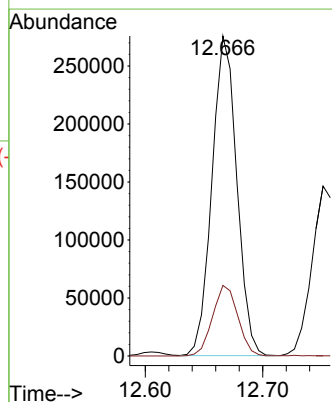
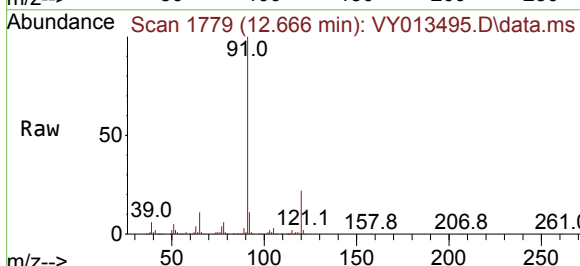
Acq: 27 Apr 2023 16:29

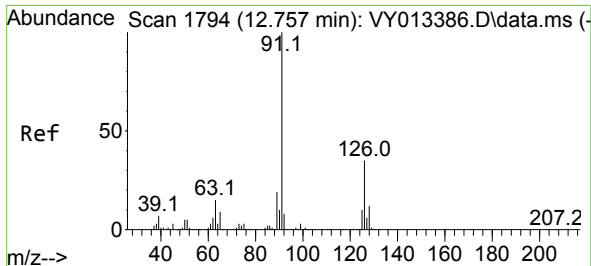
Tgt Ion: 91 Resp: 404793

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.9

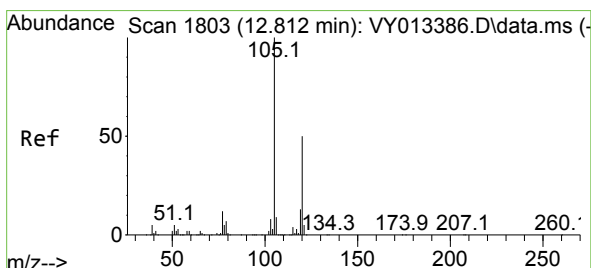
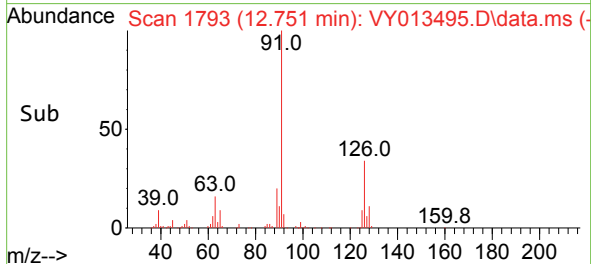
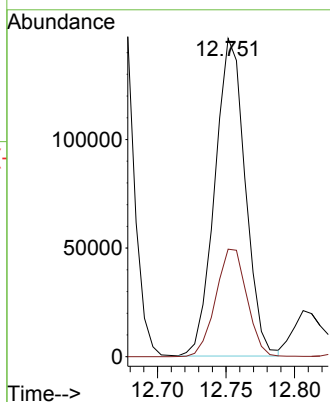
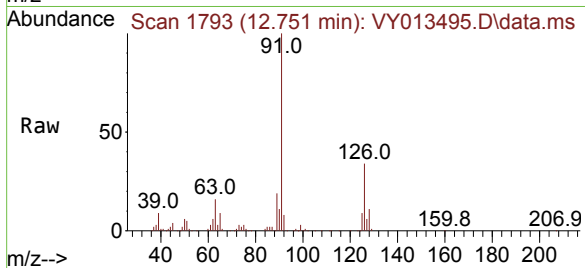




#79
2-Chlorotoluene
Concen: 21.121 ug/l
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

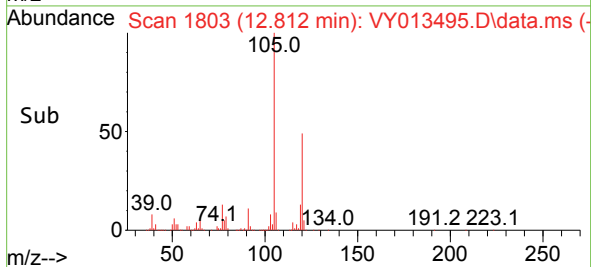
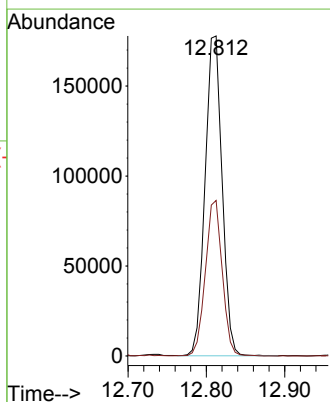
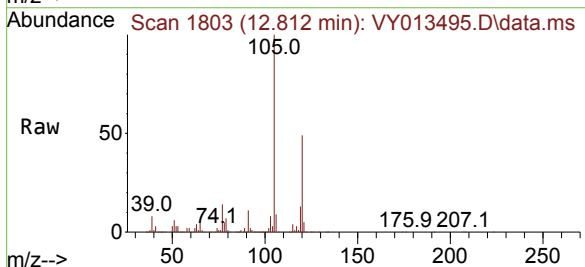
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

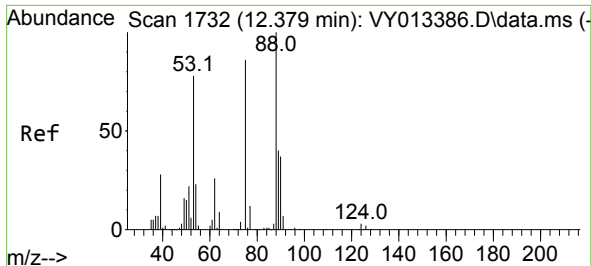
Tgt Ion: 91 Resp: 226177
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 21.105 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 105 Resp: 268181
Ion Ratio Lower Upper
105 100
120 48.2 24.7 74.1

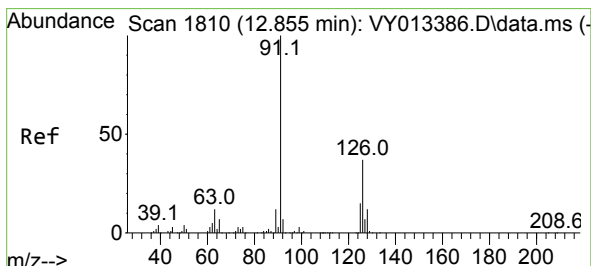
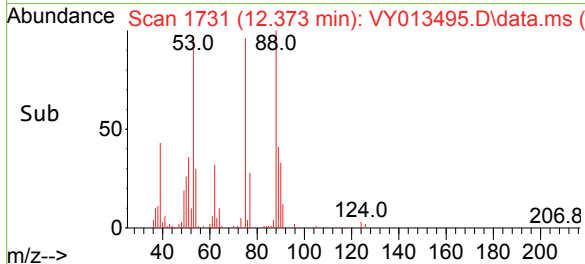
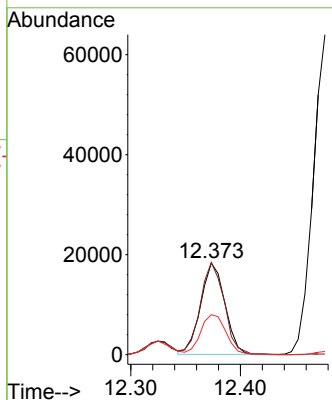
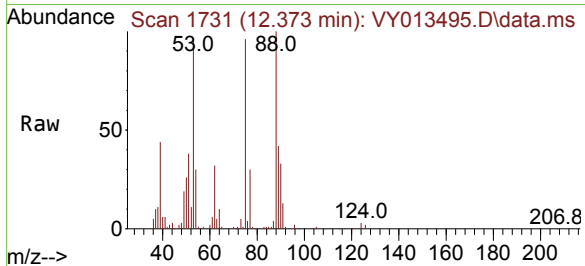




#81
trans-1,4-Dichloro-2-butene
Concen: 20.646 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

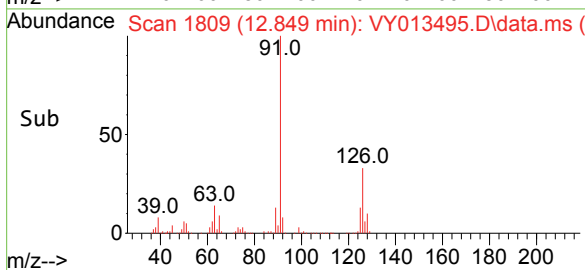
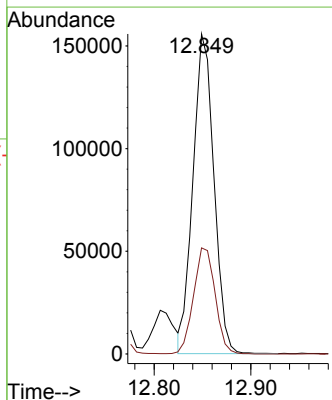
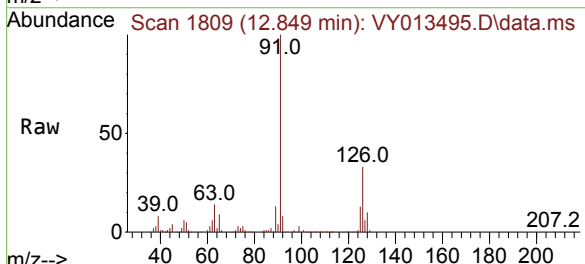
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

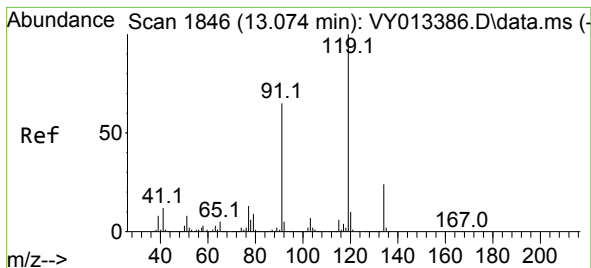
Tgt Ion: 75 Resp: 28017
Ion Ratio Lower Upper
75 100
53 100.2 73.2 109.8
89 46.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 20.984 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 91 Resp: 234207
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 21.013 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

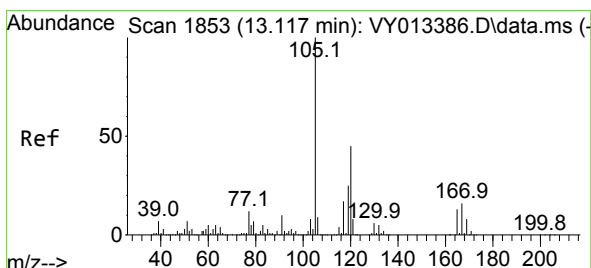
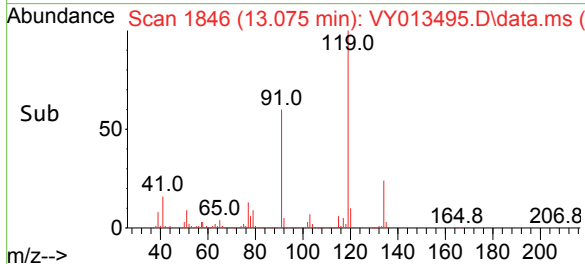
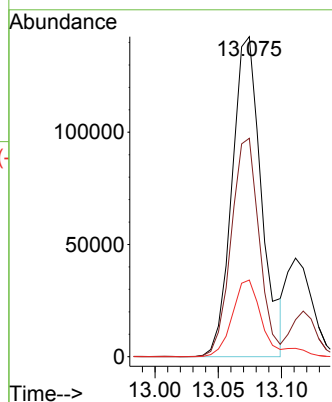
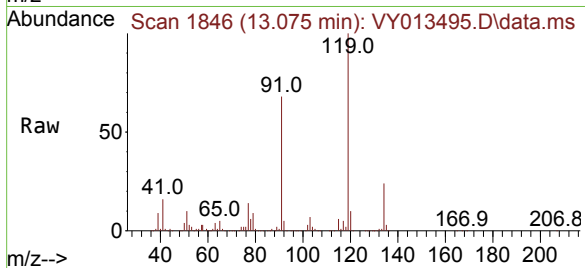
Tgt Ion:119 Resp: 231328

Ion Ratio Lower Upper

119 100

91 65.1 32.2 96.6

134 25.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.478 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013495.D

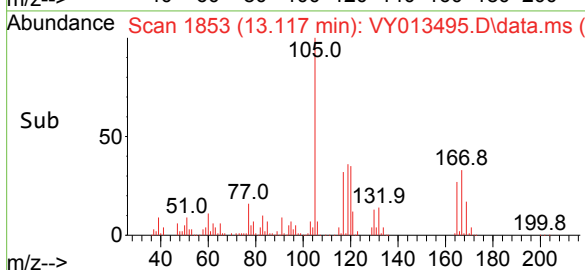
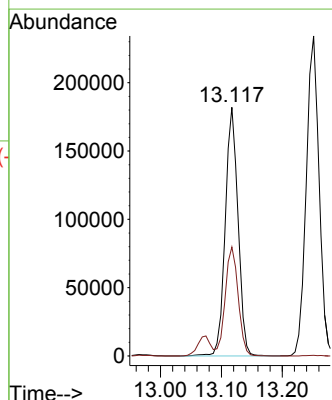
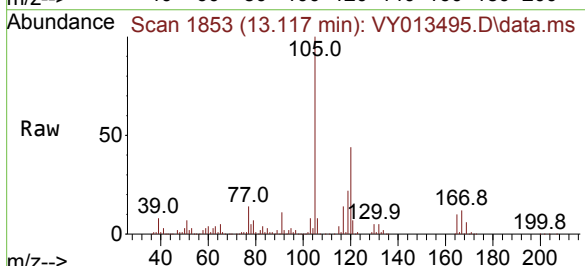
Acq: 27 Apr 2023 16:29

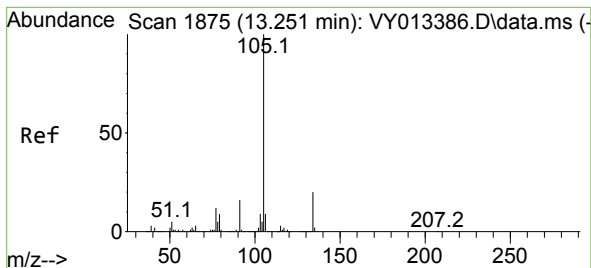
Tgt Ion:105 Resp: 265339

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.692 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

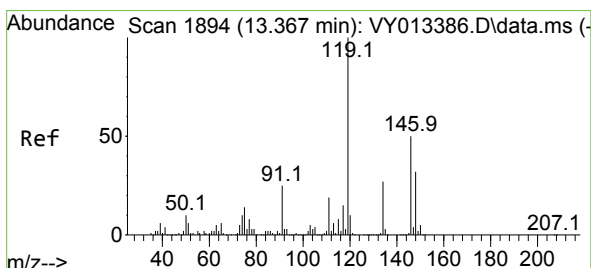
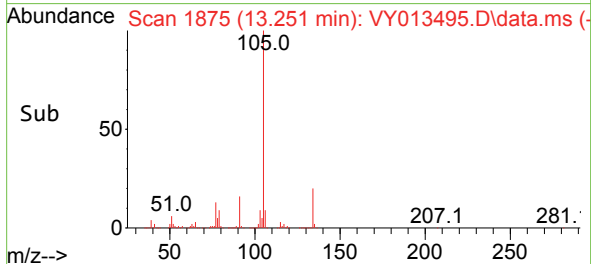
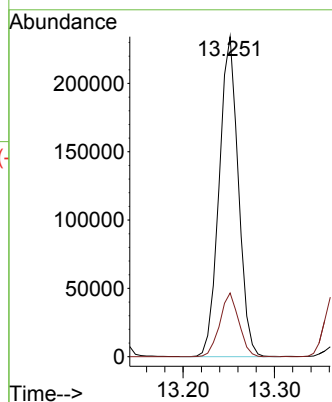
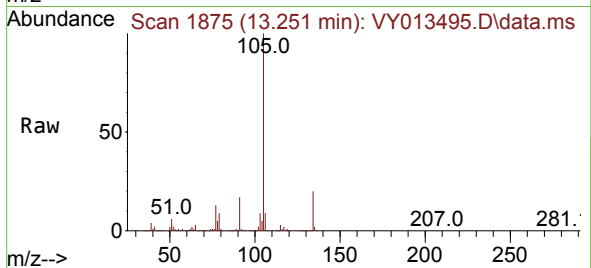
VY0427SBS01

Tgt Ion:105 Resp: 341875

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.852 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

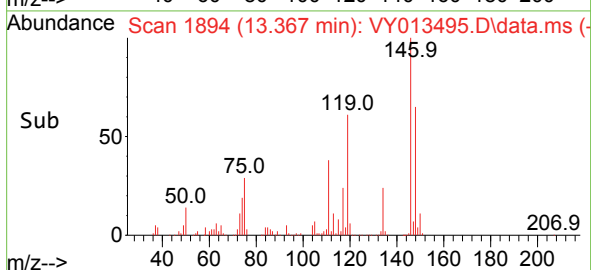
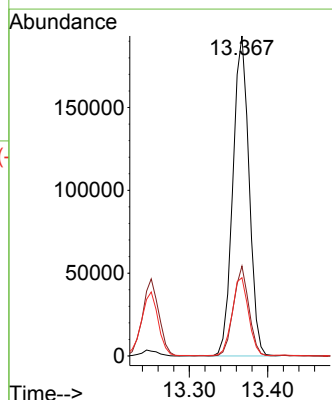
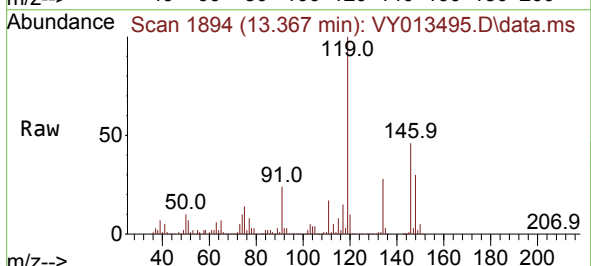
Tgt Ion:119 Resp: 277054

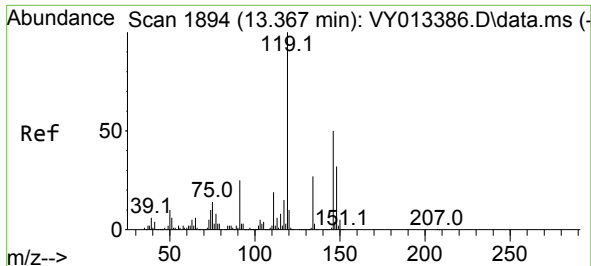
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 24.8 12.1 36.3

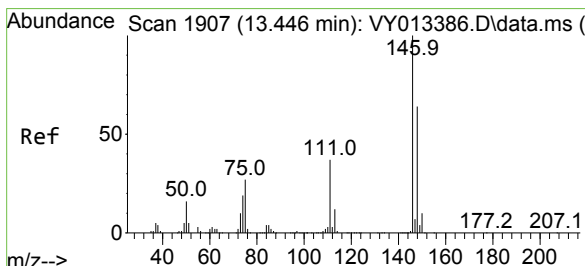
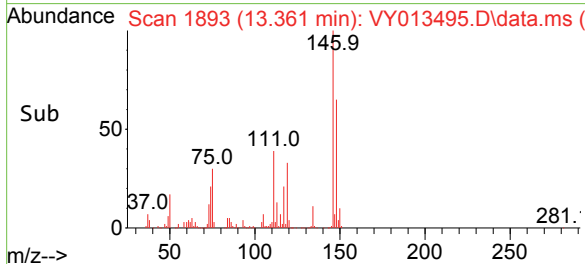
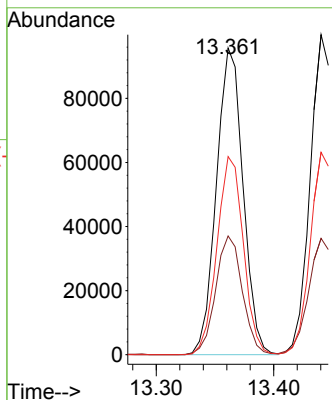
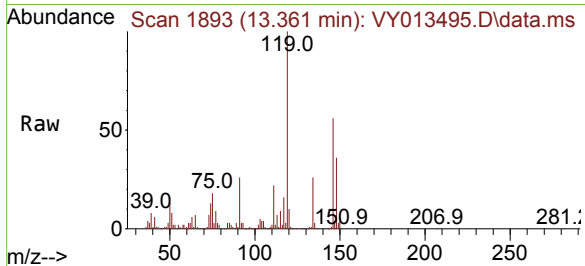




#87
1,3-Dichlorobenzene
Concen: 21.023 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

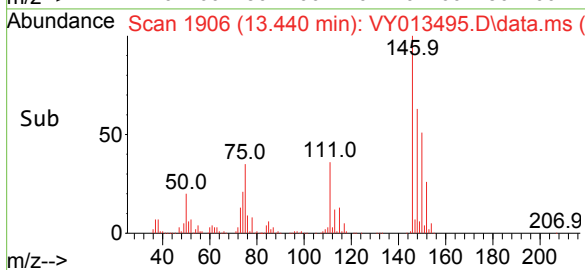
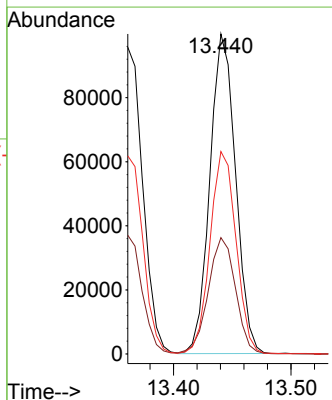
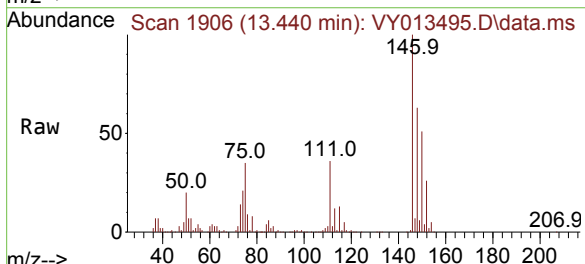
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

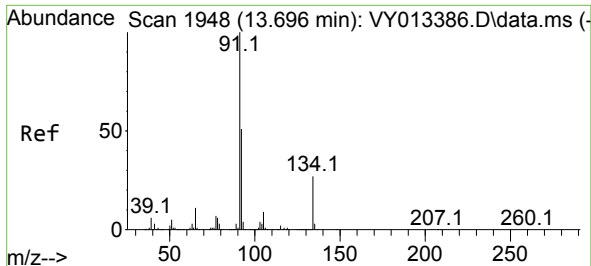
Tgt Ion:146 Resp: 151086
Ion Ratio Lower Upper
146 100
111 38.7 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.899 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion:146 Resp: 151722
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.5
148 64.2 31.9 95.5

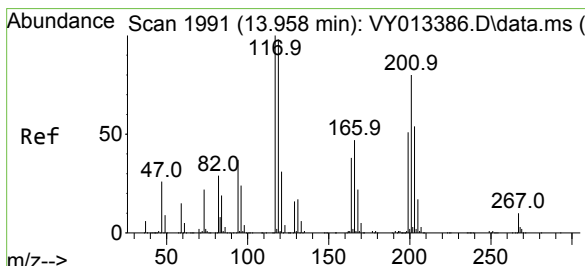
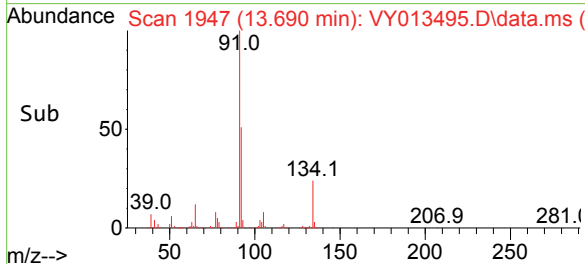
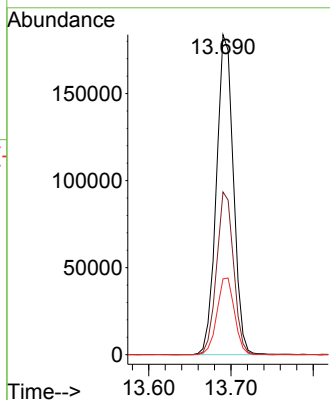
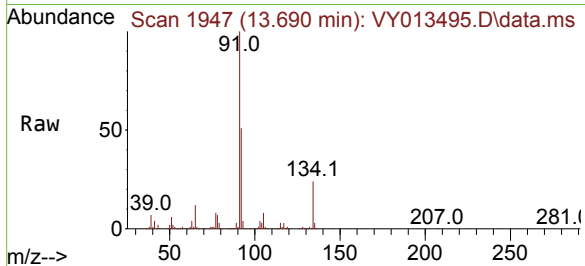




#89
n-Butylbenzene
Concen: 20.399 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

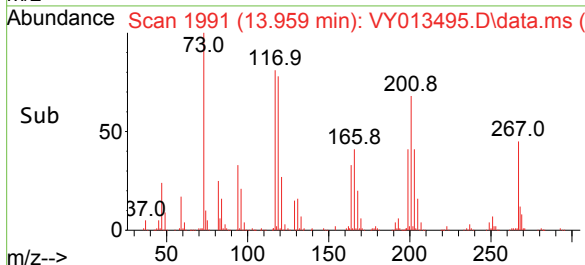
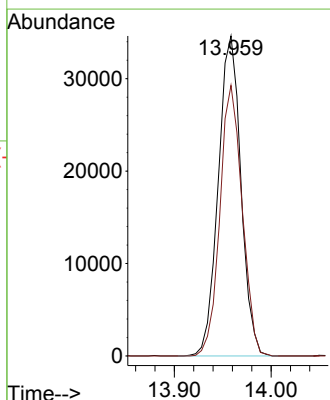
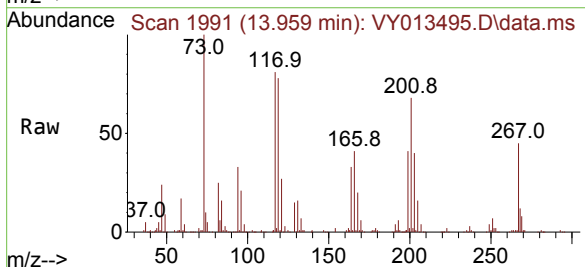
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBSD01

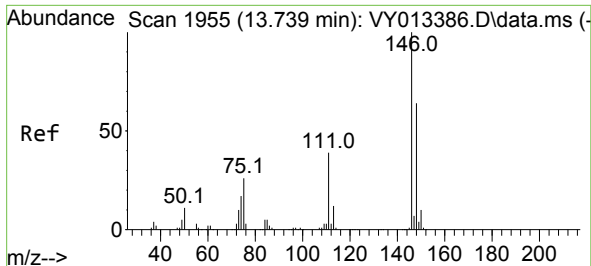
Tgt Ion: 91 Resp: 264531
Ion Ratio Lower Upper
91 100
92 50.8 25.8 77.3
134 24.7 13.5 40.4



#90
Hexachloroethane
Concen: 20.105 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 117 Resp: 56220
Ion Ratio Lower Upper
117 100
201 83.1 41.6 124.8

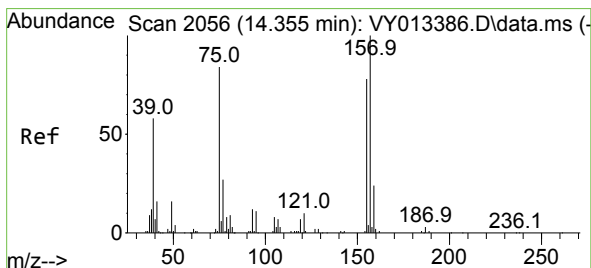
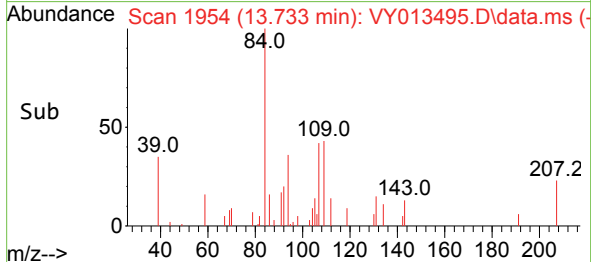
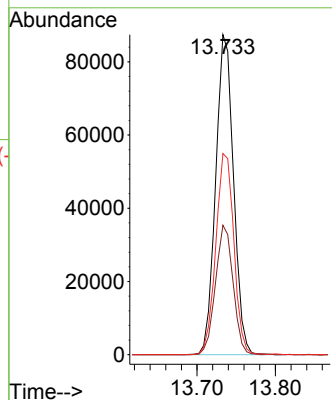
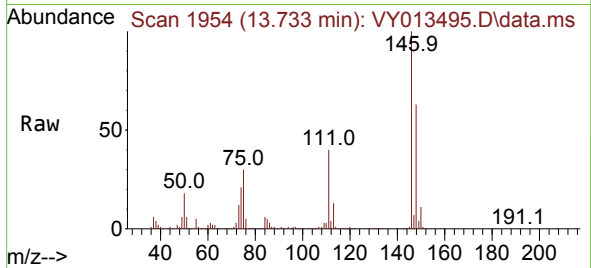




#91
1,2-Dichlorobenzene
Concen: 21.336 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

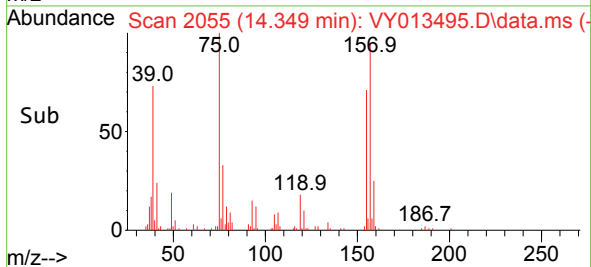
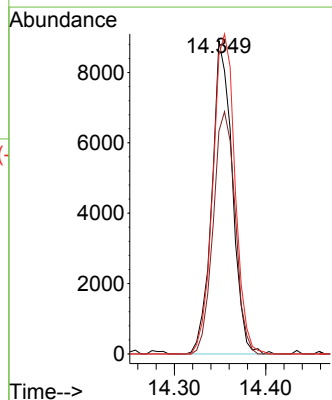
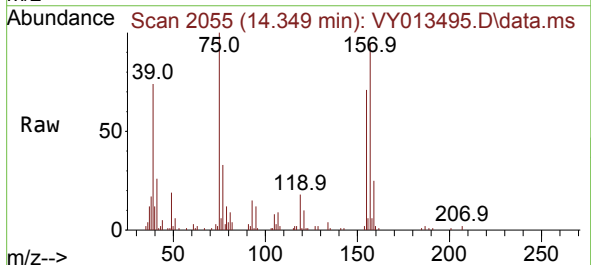
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

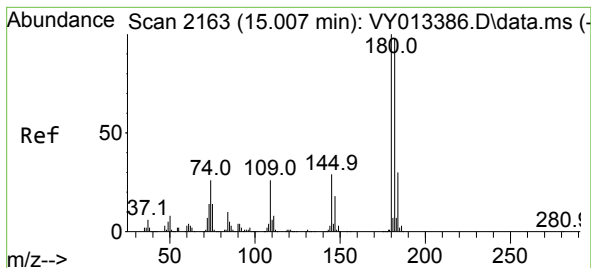
Tgt Ion:146 Resp: 138471
Ion Ratio Lower Upper
146 100
111 40.0 19.8 59.4
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.504 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY013495.D
Acq: 27 Apr 2023 16:29

Tgt Ion: 75 Resp: 13780
Ion Ratio Lower Upper
75 100
155 83.2 44.6 134.0
157 111.1 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 20.479 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBSD01

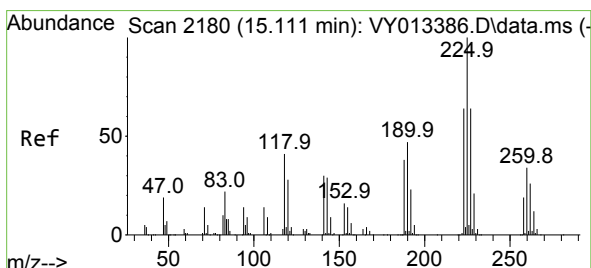
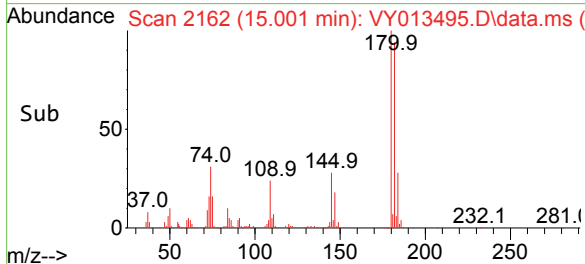
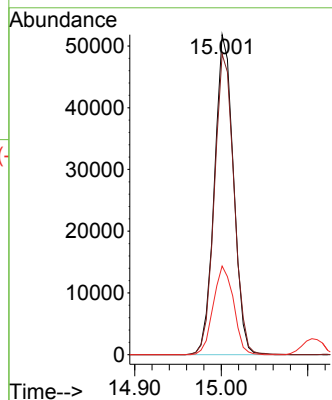
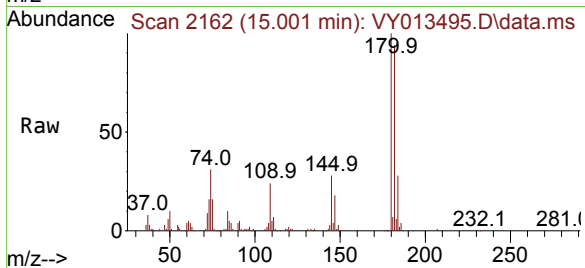
Tgt Ion:180 Resp: 79242

Ion Ratio Lower Upper

180 100

182 96.5 48.5 145.5

145 29.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 21.128 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

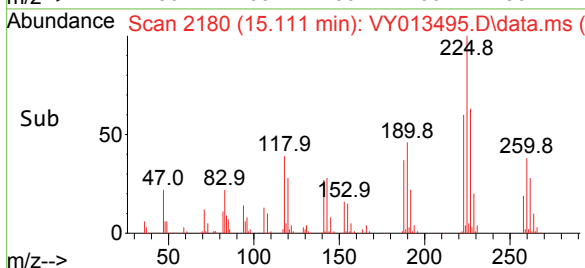
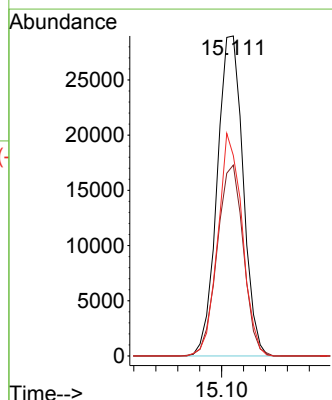
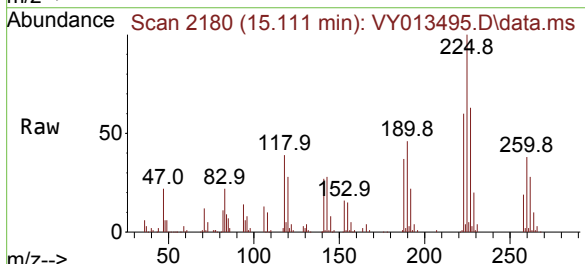
Tgt Ion:225 Resp: 47579

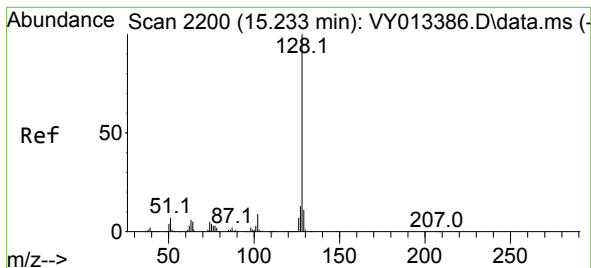
Ion Ratio Lower Upper

225 100

223 60.3 31.4 94.2

227 65.4 32.0 96.0





#95

Naphthalene

Concen: 19.538 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

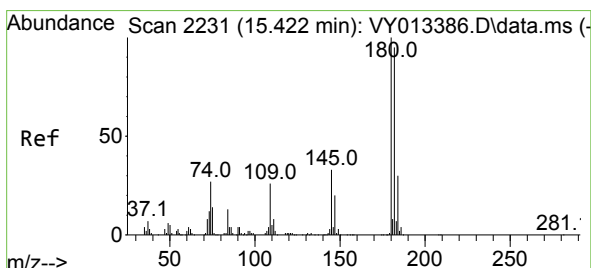
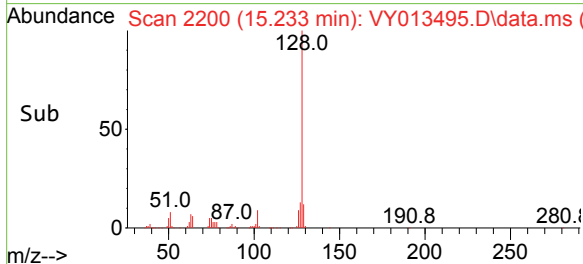
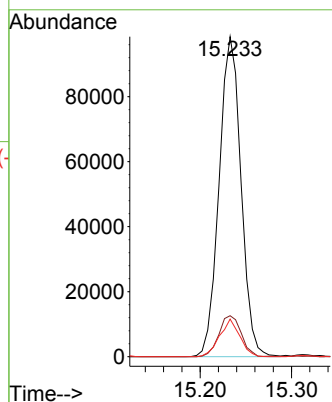
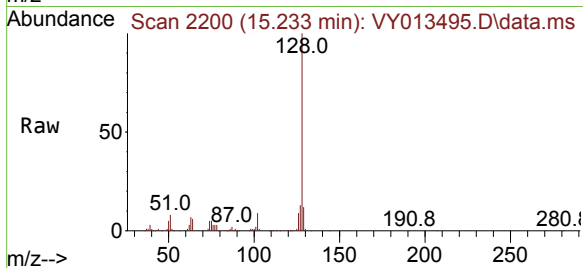
Tgt Ion:128 Resp: 164032

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.808 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013495.D

Acq: 27 Apr 2023 16:29

Tgt Ion:180 Resp: 71760

Ion Ratio Lower Upper

180 100

182 95.0 47.1 141.3

145 31.2 15.9 47.7

