

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012469.D
 Acq On : 03 Feb 2023 12:06
 Operator : KP/MD
 Sample : VY0203SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:05:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60787	46.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.220%
35) Dibromofluoromethane	7.722	113	58822	47.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.040%
50) Toluene-d8	10.179	98	200234	45.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.483	95	81262	46.075	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28715	21.004	ug/l	97
3) Chloromethane	2.113	50	25259	20.014	ug/l	98
4) Vinyl Chloride	2.253	62	30996	21.041	ug/l	99
5) Bromomethane	2.644	94	25142	22.075	ug/l	93
6) Chloroethane	2.796	64	21398	22.273	ug/l	98
7) Trichlorofluoromethane	3.125	101	63505	22.088	ug/l	97
8) Diethyl Ether	3.534	74	18145	21.209	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	32657	23.338	ug/l	95
10) Methyl Iodide	4.095	142	40167	18.889	ug/l	96
11) Tert butyl alcohol	4.948	59	23775	149.554	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	31924	22.219	ug/l	91
13) Acrolein	3.729	56	5905	79.987	ug/l	99
14) Allyl chloride	4.479	41	38730	21.800	ug/l #	87
15) Acrylonitrile	5.161	53	41657	111.474	ug/l	100
16) Acetone	3.948	43	42331	97.174	ug/l	99
17) Carbon Disulfide	4.198	76	87646	19.721	ug/l	99
18) Methyl Acetate	4.479	43	21039	21.584	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	85949	21.459	ug/l	95
20) Methylene Chloride	4.716	84	44856	19.792	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	35183	21.943	ug/l	88
22) Diisopropyl ether	6.119	45	80525	22.735	ug/l #	87
23) Vinyl Acetate	6.064	43	240925	109.162	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	54877	22.338	ug/l	98
25) 2-Butanone	6.984	43	51129	106.316	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	59853	22.443	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	39384	22.362	ug/l	95
28) Bromochloromethane	7.338	49	11057	20.609	ug/l #	73
29) Tetrahydrofuran	7.350	42	28621	108.346	ug/l #	83
30) Chloroform	7.509	83	64491	22.238	ug/l	100
31) Cyclohexane	7.789	56	49267	21.600	ug/l #	86
32) 1,1,1-Trichloroethane	7.704	97	64101	22.327	ug/l	99
36) 1,1-Dichloropropene	7.917	75	46858	22.038	ug/l	98
37) Ethyl Acetate	7.076	43	20294	21.650	ug/l #	92
38) Carbon Tetrachloride	7.905	117	61642	22.447	ug/l	95
39) Methylcyclohexane	9.185	83	57460	22.113	ug/l	95
40) Benzene	8.161	78	135755	22.121	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	28449	51.634	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	43193	22.108	ug/l	99
43) Isopropyl Acetate	8.271	43	37700	21.618	ug/l #	92
44) Trichloroethene	8.941	130	41252	22.489	ug/l	95
45) 1,2-Dichloropropane	9.216	63	29617	23.128	ug/l	99
46) Dibromomethane	9.307	93	18894	22.040	ug/l	94
47) Bromodichloromethane	9.496	83	48532	22.490	ug/l	98
48) Methyl methacrylate	9.295	41	16967	21.116	ug/l	88
49) 1,4-Dioxane	9.301	88	4926	421.697	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	102650	110.387	ug/l	94
52) Toluene	10.246	92	92313	22.592	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	49788	22.057	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	54473	22.409	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	27549	22.618	ug/l	95
56) Ethyl methacrylate	10.508	69	34547	21.620	ug/l	94
57) 1,3-Dichloropropane	10.788	76	45019	22.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	55186	104.375	ug/l #	88
59) 2-Hexanone	10.831	43	75223	106.249	ug/l	93
60) Dibromochloromethane	10.984	129	37185	23.018	ug/l	98
61) 1,2-Dibromoethane	11.087	107	25733	21.895	ug/l	99
64) Tetrachloroethene	10.721	164	45796	22.941	ug/l	97
65) Chlorobenzene	11.514	112	99536	22.237	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	38854	22.997	ug/l	98
67) Ethyl Benzene	11.593	91	179660	22.458	ug/l	100
68) m/p-Xylenes	11.703	106	142945	45.193	ug/l	98
69) o-Xylene	12.032	106	67372	22.300	ug/l	98
70) Styrene	12.044	104	114365	22.656	ug/l	99
71) Bromoform	12.209	173	24084	22.311	ug/l #	99
73) Isopropylbenzene	12.331	105	183699	22.088	ug/l	99
74) N-amyl acetate	12.142	43	33410	20.493	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	28921	22.077	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	42904	40.454	ug/l #	100
77) Bromobenzene	12.611	156	43322	21.647	ug/l	92
78) n-propylbenzene	12.672	91	215472	22.140	ug/l	98
79) 2-Chlorotoluene	12.758	91	122700	22.299	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	162289	22.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10956	21.285	ug/l	98
82) 4-Chlorotoluene	12.855	91	126937	21.961	ug/l	98
83) tert-Butylbenzene	13.075	119	137856	21.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	158673	22.254	ug/l	100
85) sec-Butylbenzene	13.251	105	201831	22.496	ug/l	98
86) p-Isopropyltoluene	13.373	119	175178	22.348	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	87748	22.046	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	86584	21.812	ug/l	99
89) n-Butylbenzene	13.697	91	152256	22.414	ug/l	98
90) Hexachloroethane	13.959	117	31689	22.394	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	77611	21.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5657	20.896	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	48465	21.297	ug/l	99
94) Hexachlorobutadiene	15.111	225	31198	22.770	ug/l	98
95) Naphthalene	15.239	128	89530	19.933	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	40772	20.821	ug/l	99

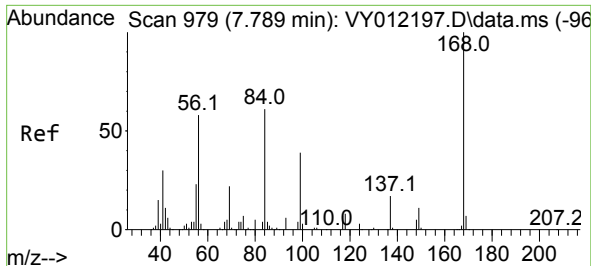
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Response via : Initial Calibration

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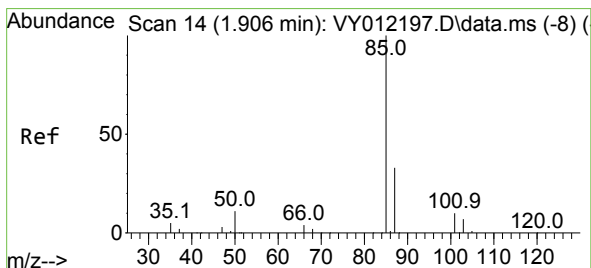
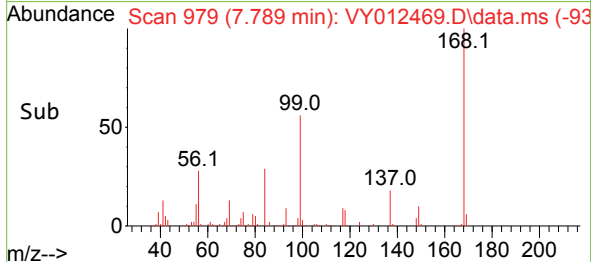
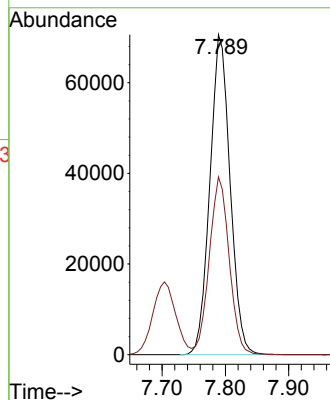
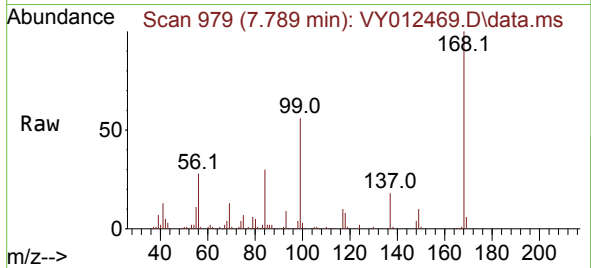
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

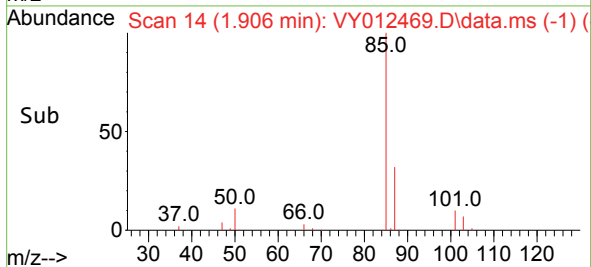
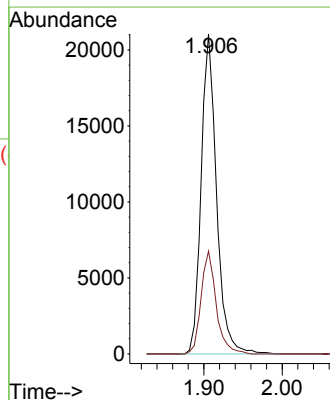
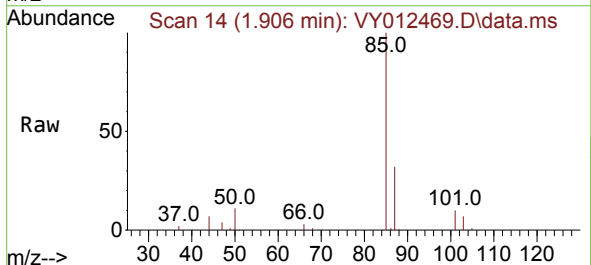
Instrument :
MSVOA_Y
ClientSampleId :

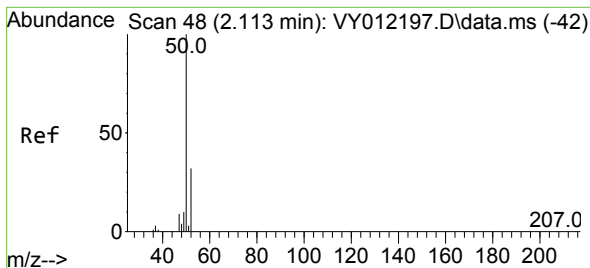
Tgt Ion:168 Resp: 156441
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 21.004 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 85 Resp: 28715
Ion Ratio Lower Upper
85 100
87 32.1 16.8 50.4





#3

Chloromethane

Concen: 20.014 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

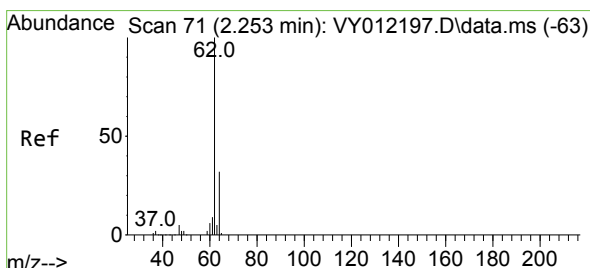
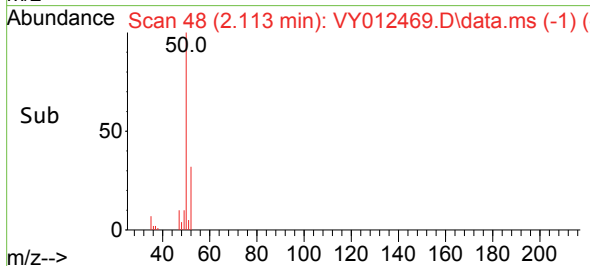
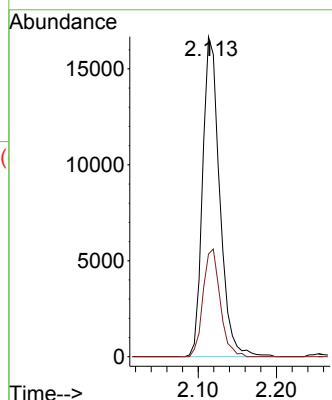
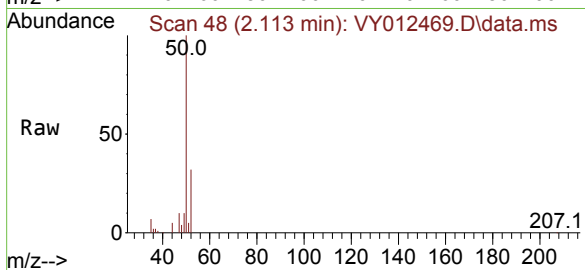
ClientSampleId :

Tgt Ion: 50 Resp: 25259

Ion Ratio Lower Upper

50 100

52 32.1 26.8 40.2



#4

Vinyl Chloride

Concen: 21.041 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012469.D

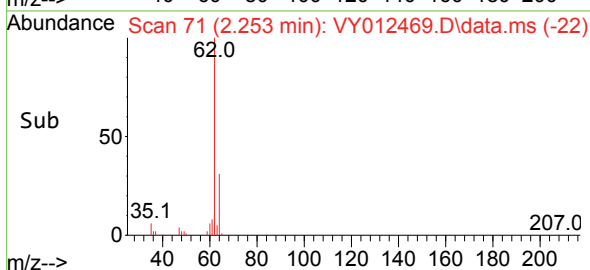
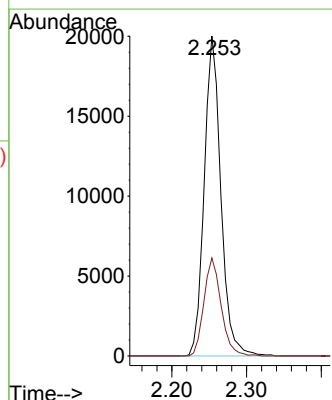
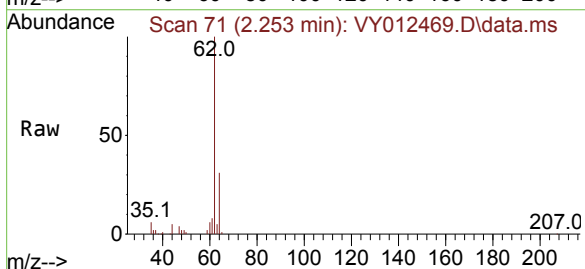
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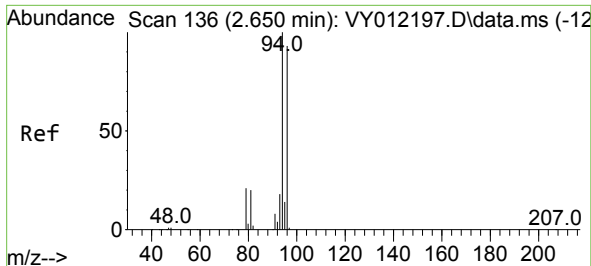
Tgt Ion: 62 Resp: 30996

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.6

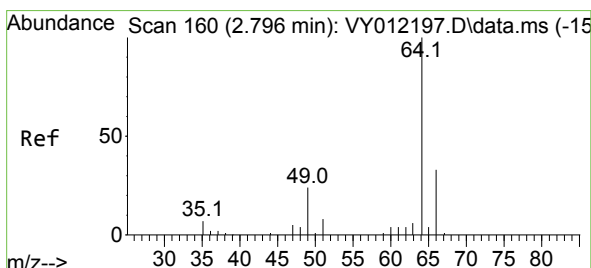
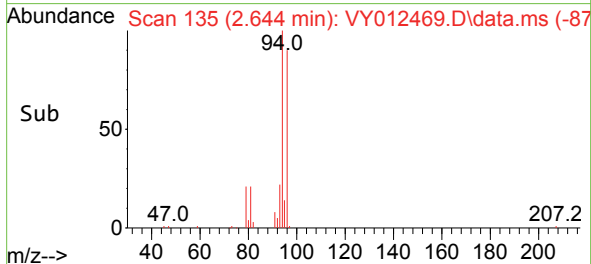
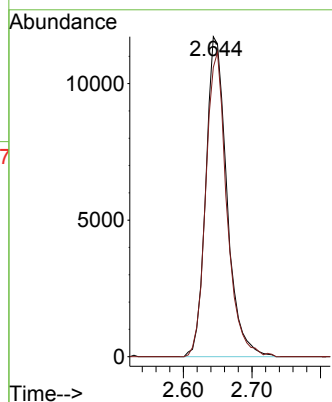
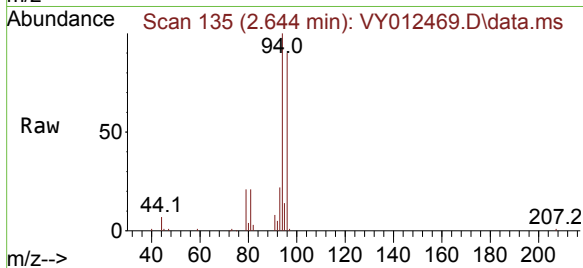




#5
Bromomethane
Concen: 22.075 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

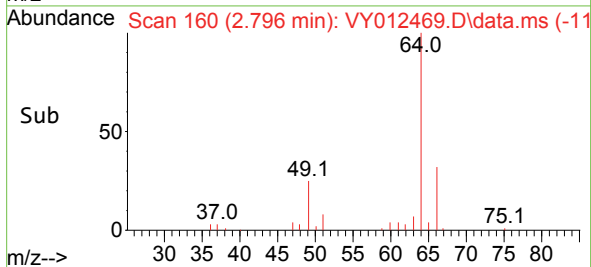
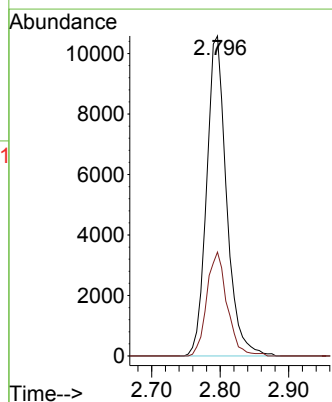
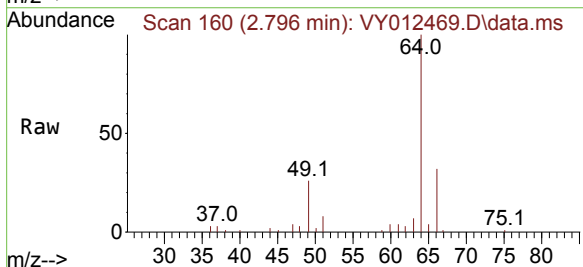
Instrument :
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ClientSampleId :

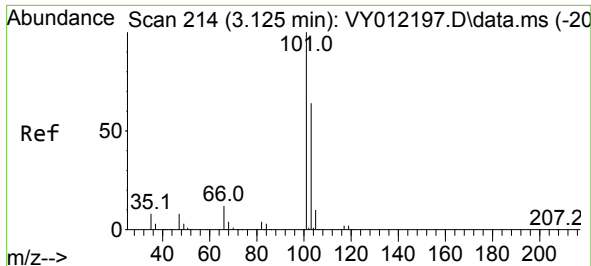
Tgt Ion: 94 Resp: 25142
Ion Ratio Lower Upper
94 100
96 90.4 77.4 116.2



#6
Chloroethane
Concen: 22.273 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

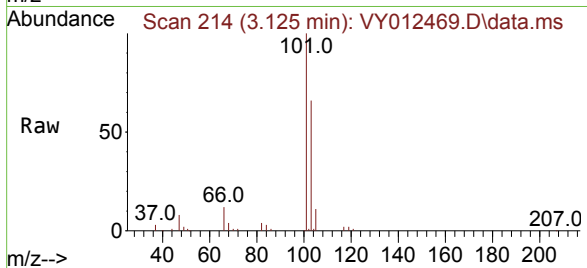
Tgt Ion: 64 Resp: 21398
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.4



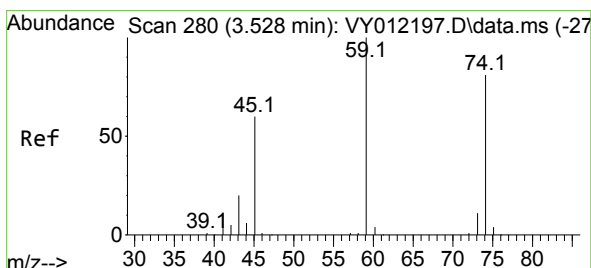
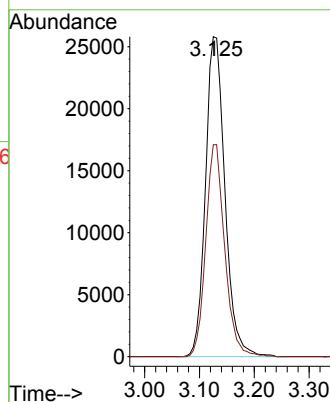
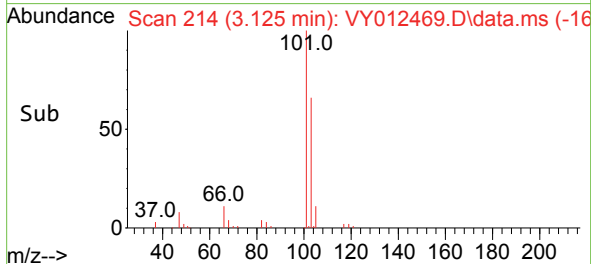


#7
 Trichlorofluoromethane
 Concen: 22.088 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012469.D
 Acq: 03 Feb 2023 12:06

Instrument :
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 ClientSampleId :

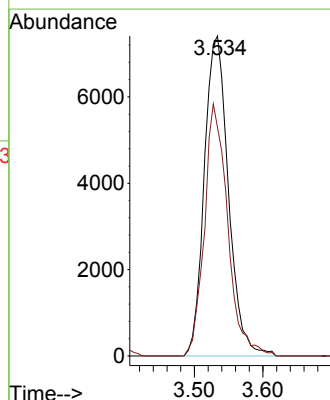
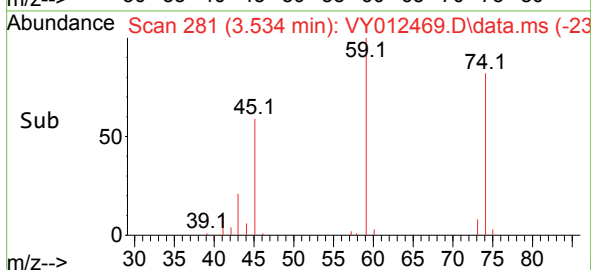
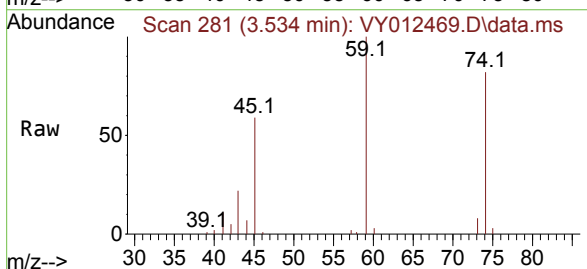


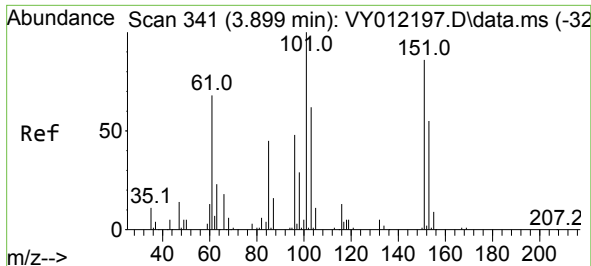
Tgt Ion:101 Resp: 63505
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.0 76.6



#8
 Diethyl Ether
 Concen: 21.209 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012469.D
 Acq: 03 Feb 2023 12:06

Tgt Ion: 74 Resp: 18145
 Ion Ratio Lower Upper
 74 100
 45 76.0 46.8 140.3

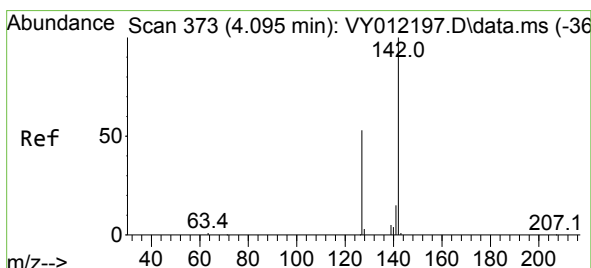
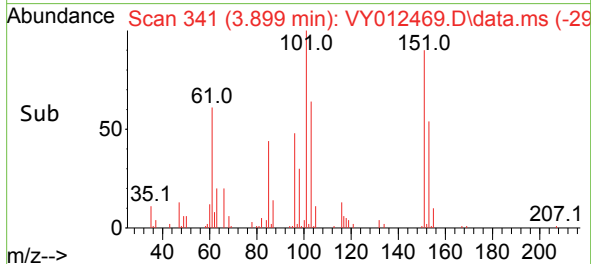
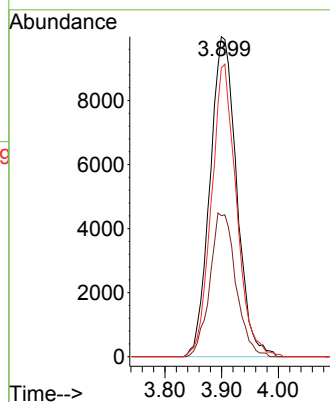
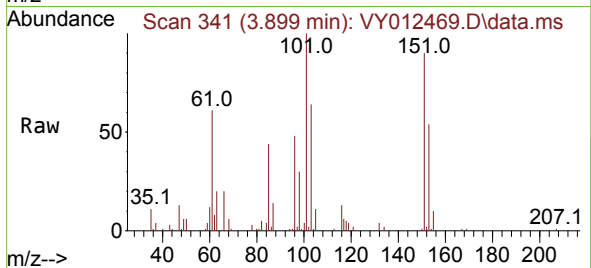




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.338 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

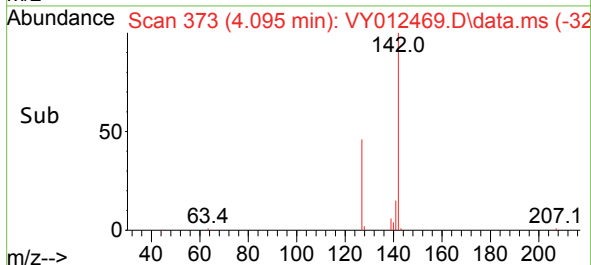
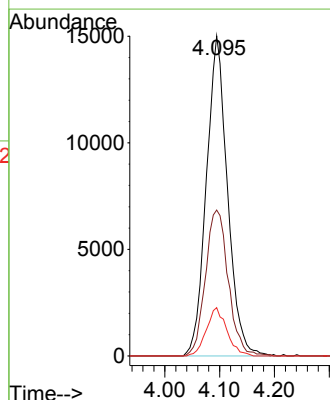
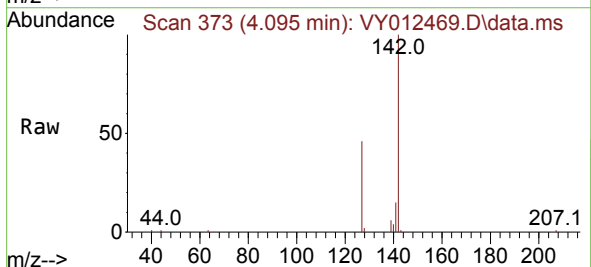
Instrument :
MSVOA_Y
ClientSampleId :

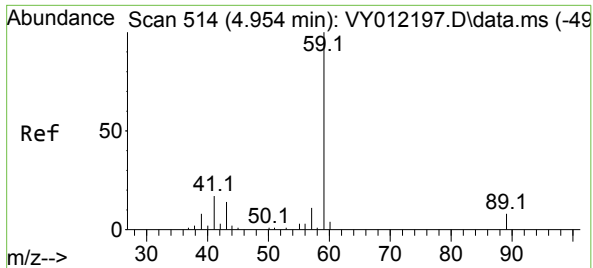
Tgt Ion:101 Resp: 32657
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.2
151 85.7 64.2 96.2



#10
Methyl Iodide
Concen: 18.889 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

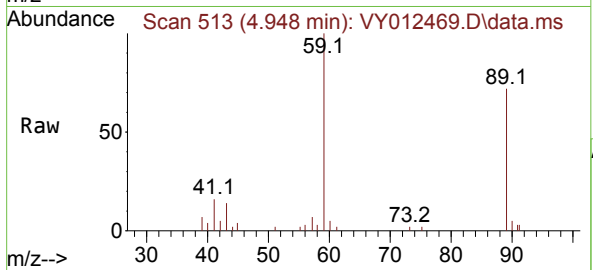
Tgt Ion:142 Resp: 40167
Ion Ratio Lower Upper
142 100
127 49.3 37.0 55.4
141 14.7 11.4 17.0



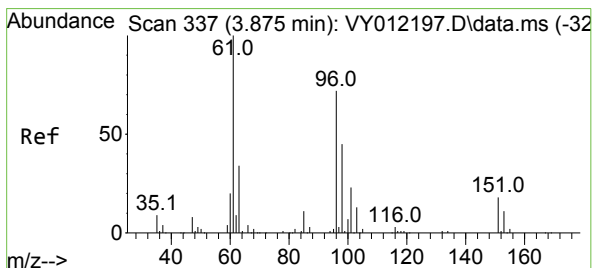
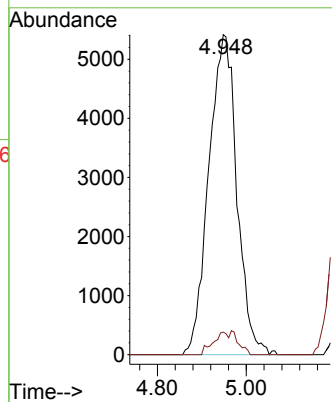
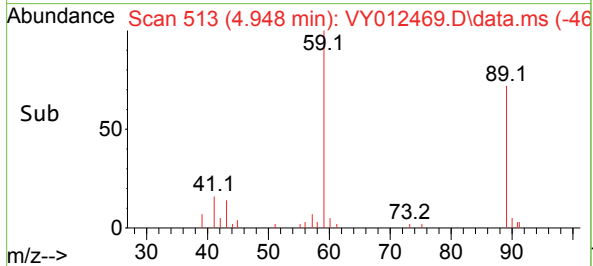


#11
Tert butyl alcohol
Concen: 149.554 ug/l
RT: 4.948 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

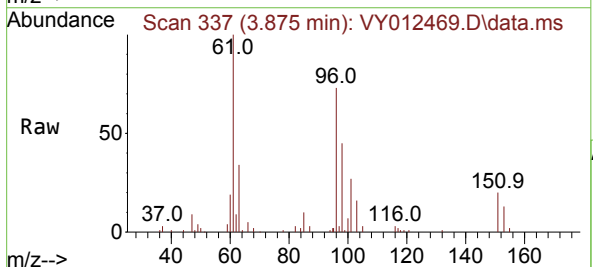
Instrument :
MSVOA_Y
ClientSampleId :



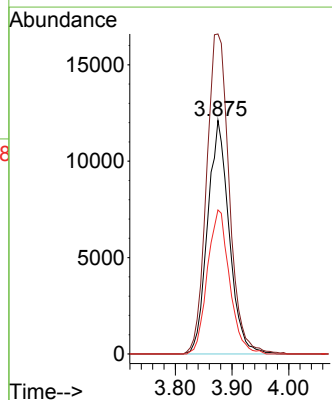
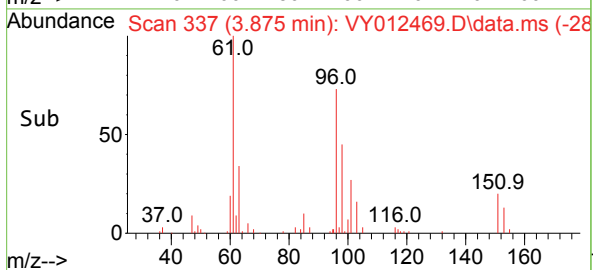
Tgt Ion: 59 Resp: 23775
Ion Ratio Lower Upper
59 100
57 3.9 7.4 11.2#

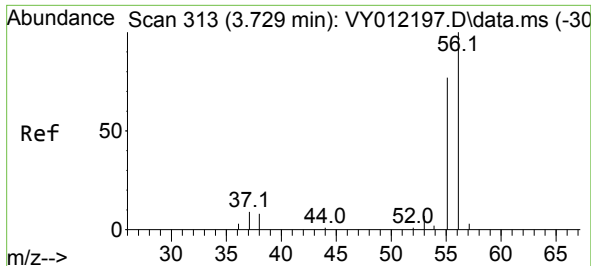


#12
1,1-Dichloroethene
Concen: 22.219 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06



Tgt Ion: 96 Resp: 31924
Ion Ratio Lower Upper
96 100
61 137.0 122.0 183.0
98 61.7 48.6 73.0





#13

Acrolein

Concen: 79.987 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

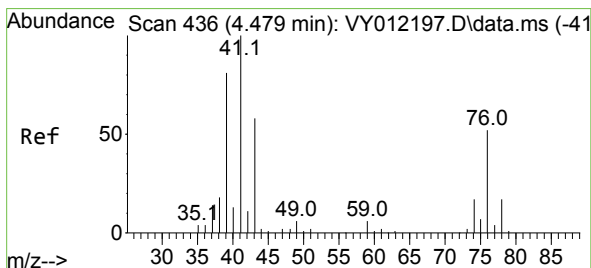
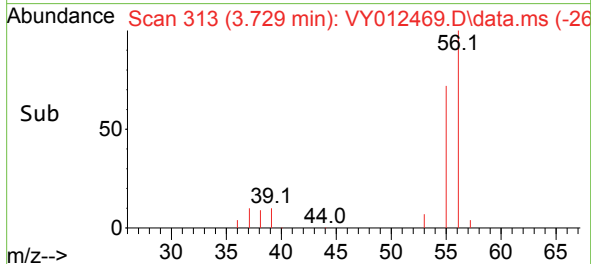
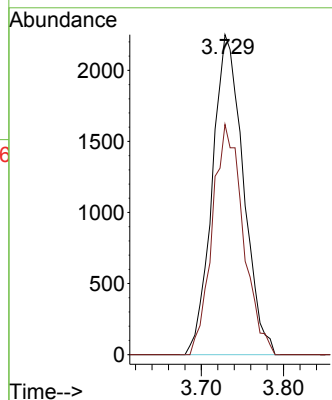
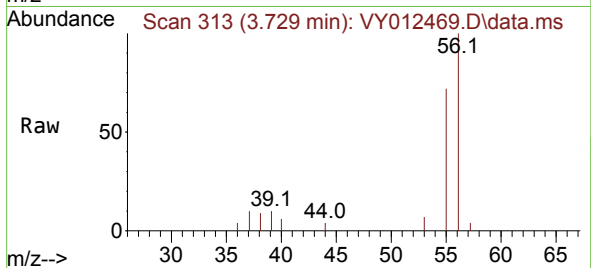
ClientSampleId :

Tgt Ion: 56 Resp: 5905

Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0



#14

Allyl chloride

Concen: 21.800 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

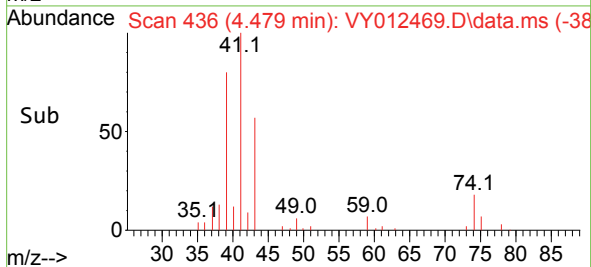
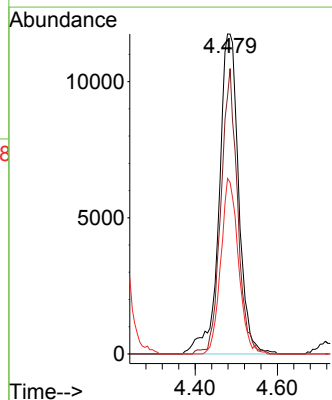
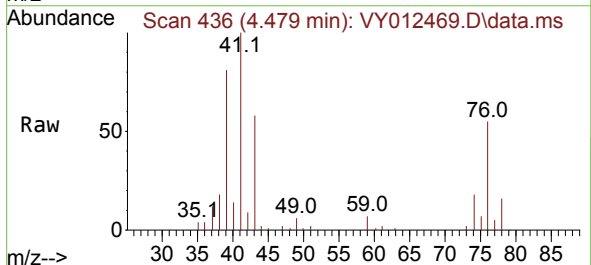
Tgt Ion: 41 Resp: 38730

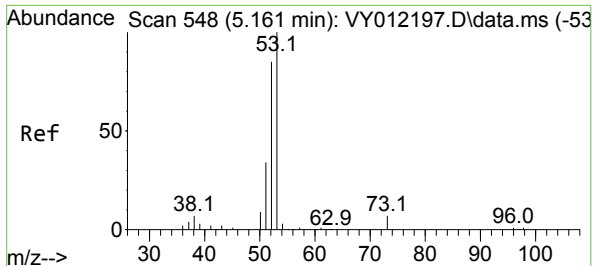
Ion Ratio Lower Upper

41 100

39 75.5 53.5 80.3

76 49.4 31.1 46.7#





#15

Acrylonitrile

Concen: 111.474 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

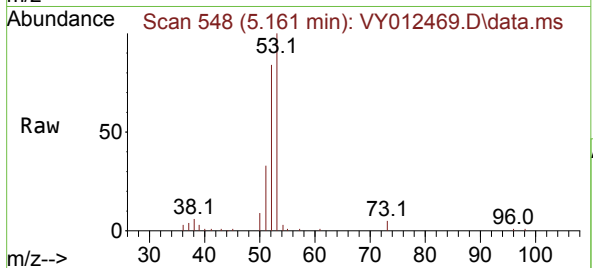
Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

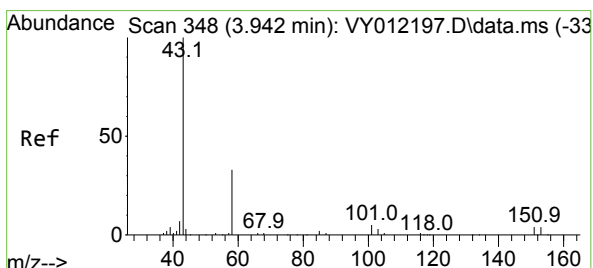
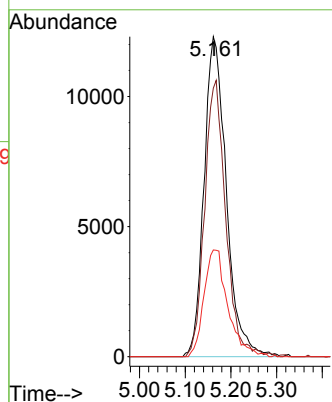
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 41657
Ion Ratio	Lower Upper
53 100	
52 81.5	65.1 97.7
51 35.8	28.7 43.1



#16

Acetone

Concen: 97.174 ug/l

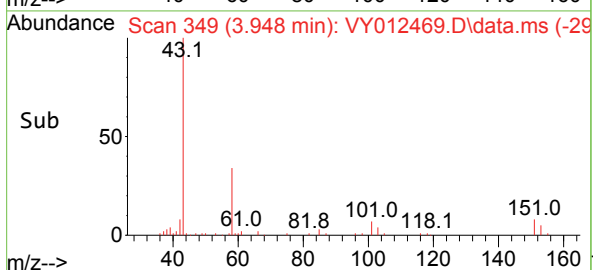
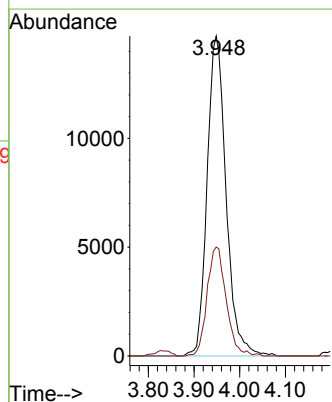
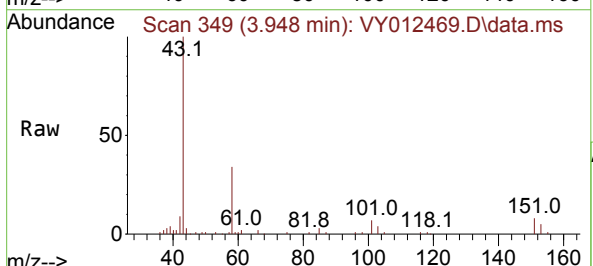
RT: 3.948 min Scan# 349

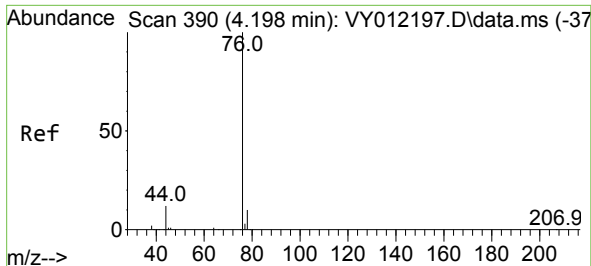
Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Tgt Ion: 43	Resp: 42331
Ion Ratio	Lower Upper
43 100	
58 34.1	27.9 41.9

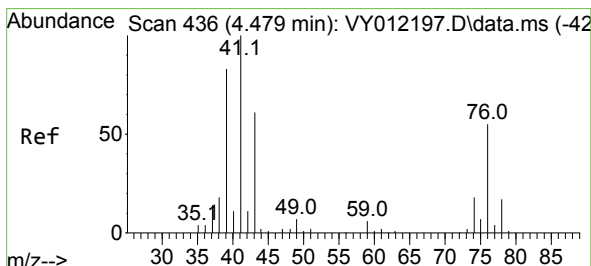
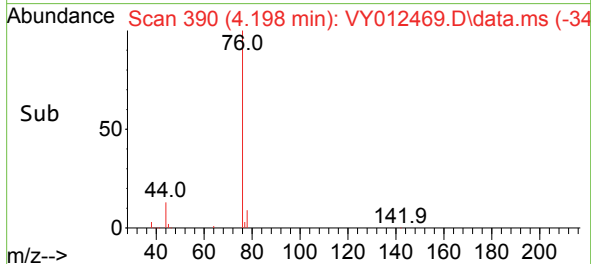
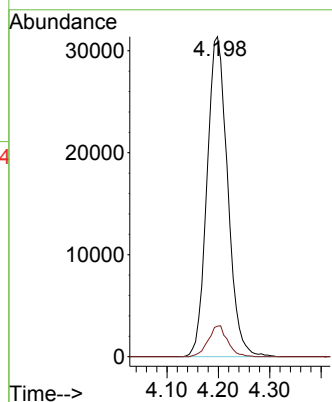
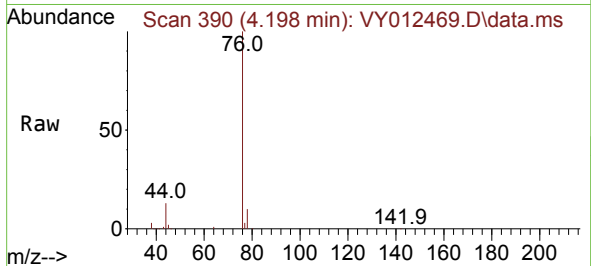




#17
Carbon Disulfide
Concen: 19.721 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

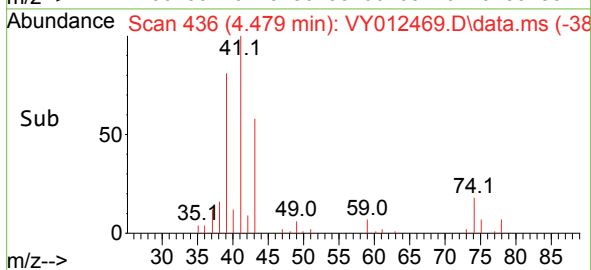
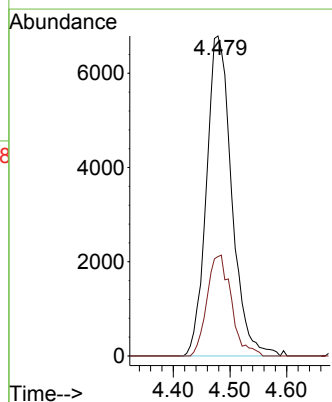
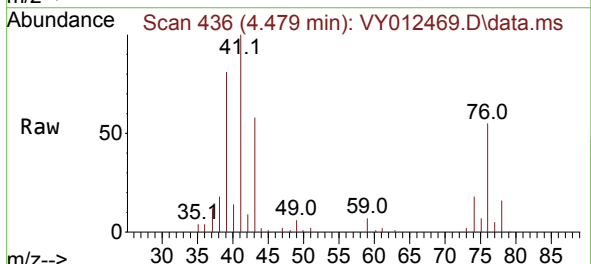
Instrument :
MSVOA_Y
ClientSampleId :

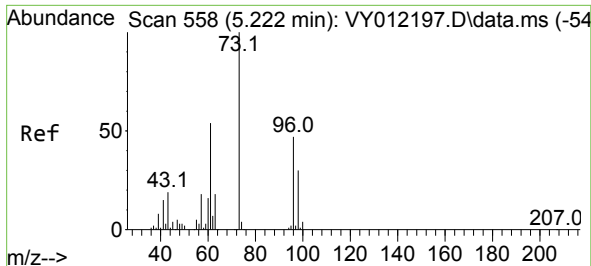
Tgt Ion: 76 Resp: 87646
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 21.584 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 43 Resp: 21039
Ion Ratio Lower Upper
43 100
74 30.3 20.1 30.1#

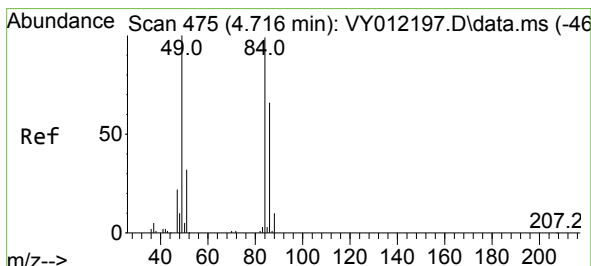
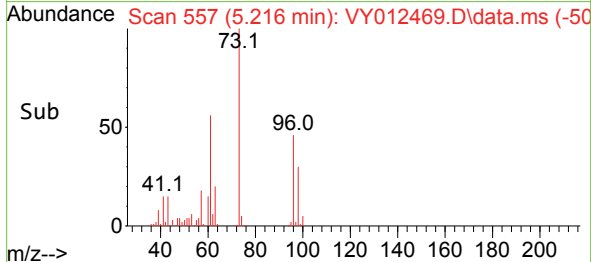
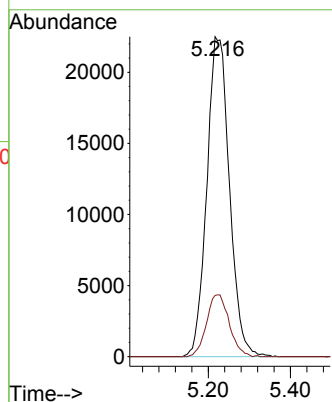
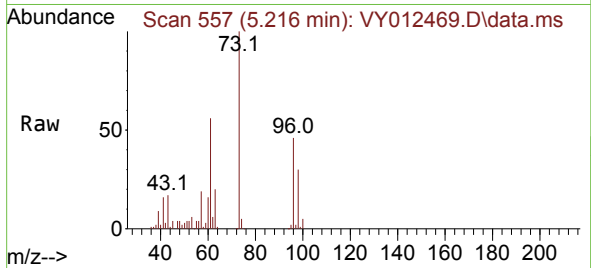




#19
Methyl tert-butyl Ether
Concen: 21.459 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

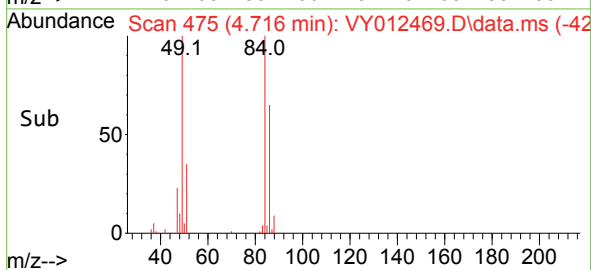
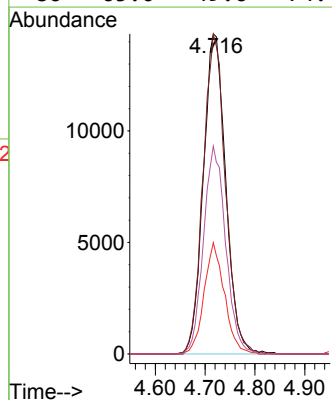
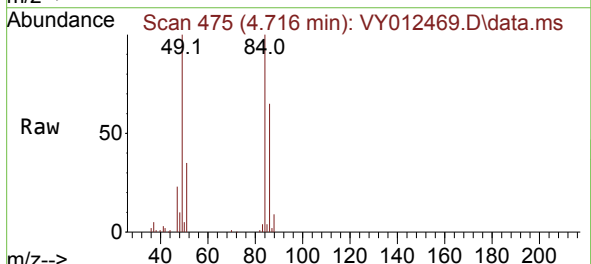
Instrument :
MSVOA_Y
ClientSampleId :

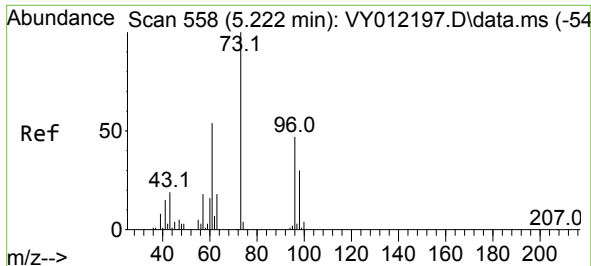
Tgt Ion: 73 Resp: 85949
Ion Ratio Lower Upper
73 100
57 19.1 17.4 26.0



#20
Methylene Chloride
Concen: 19.792 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

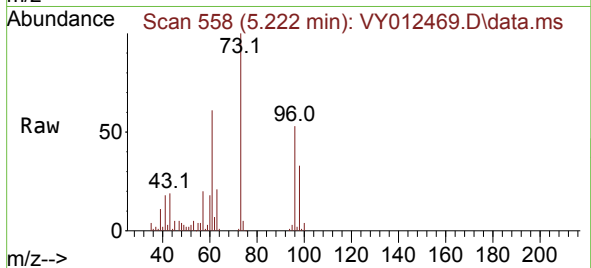
Tgt Ion: 84 Resp: 44856
Ion Ratio Lower Upper
84 100
49 99.8 95.4 143.2
51 34.7 29.9 44.9
86 65.0 49.6 74.4



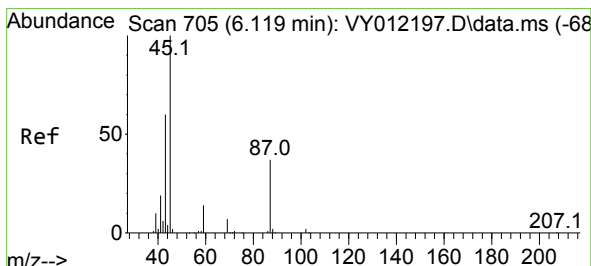
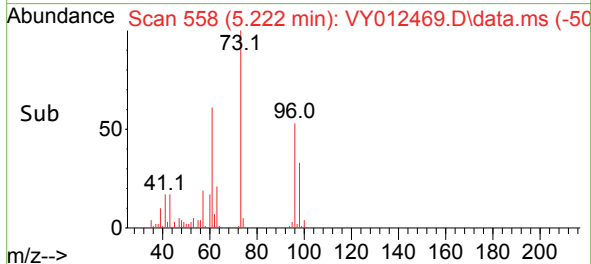
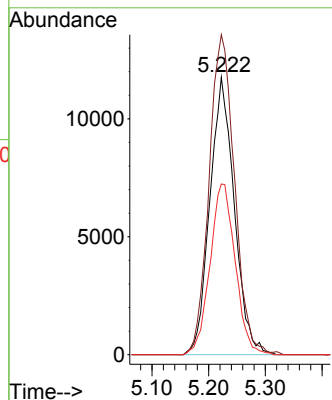


#21
trans-1,2-Dichloroethene
Concen: 21.943 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

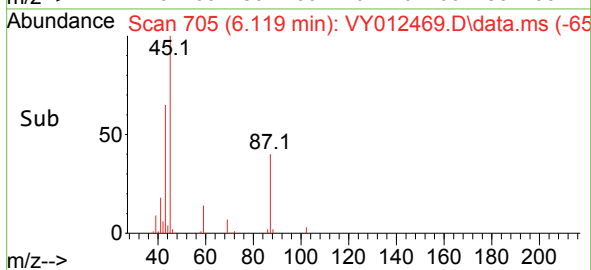
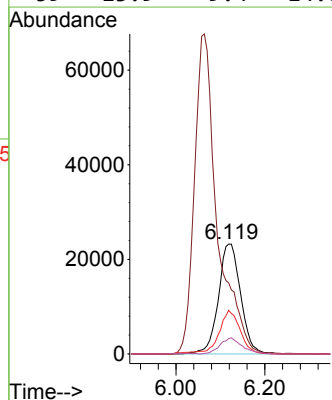
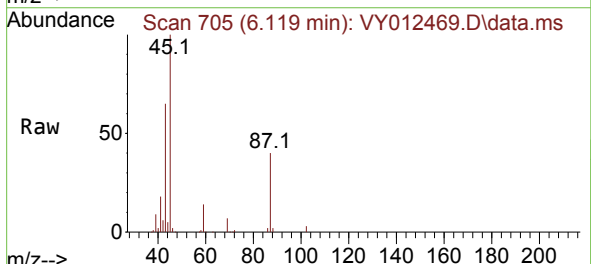


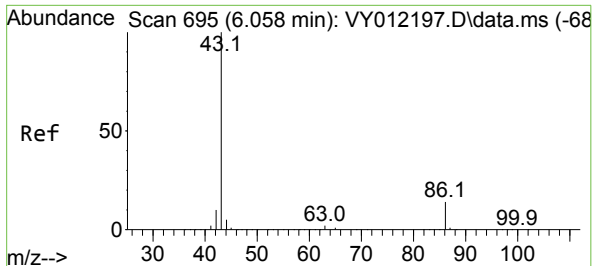
Tgt Ion: 96 Resp: 35183
Ion Ratio Lower Upper
96 100
61 115.3 108.0 162.0
98 61.5 51.6 77.4



#22
Diisopropyl ether
Concen: 22.735 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 45 Resp: 80525
Ion Ratio Lower Upper
45 100
43 64.0 45.0 67.4
87 39.7 22.6 33.8#
59 13.9 9.4 14.0





#23

Vinyl Acetate

Concen: 109.162 ug/l

RT: 6.064 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

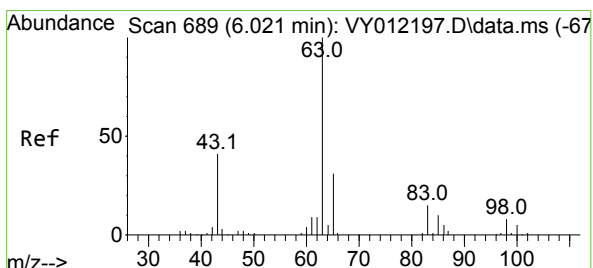
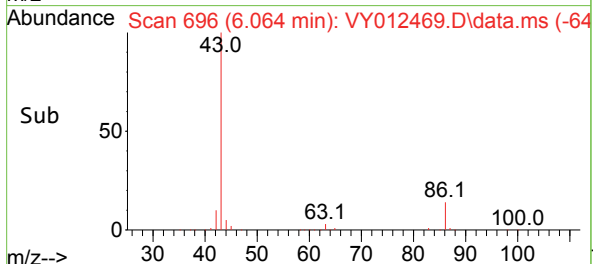
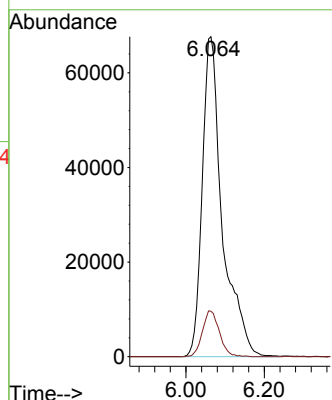
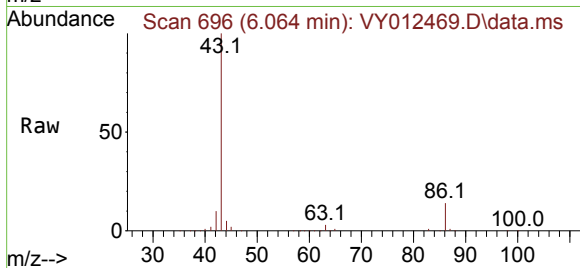
ClientSampleId :

Tgt Ion: 43 Resp: 240925

Ion Ratio Lower Upper

43 100

86 14.2 9.0 13.4#



#24

1,1-Dichloroethane

Concen: 22.338 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

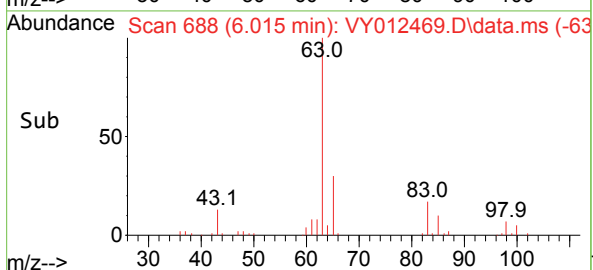
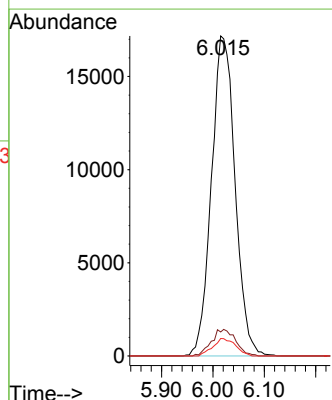
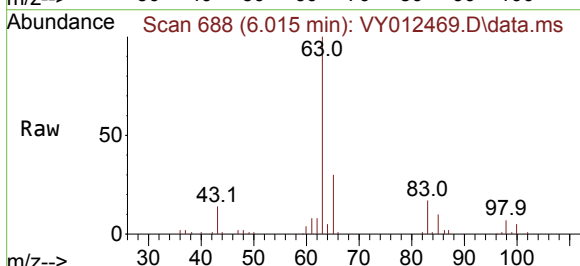
Tgt Ion: 63 Resp: 54877

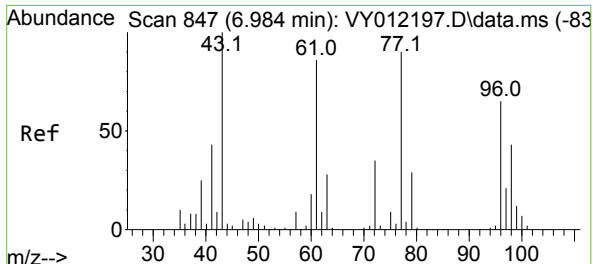
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 5.5 2.2 6.6

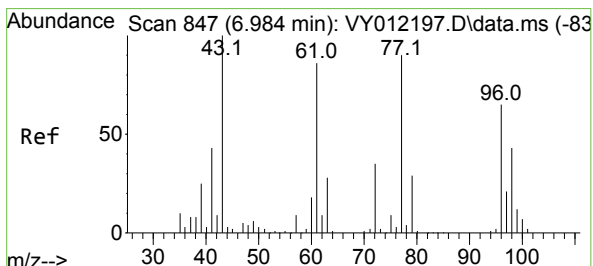
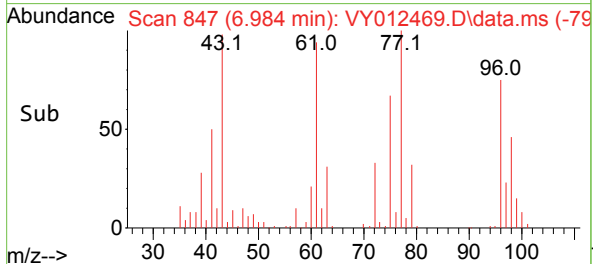
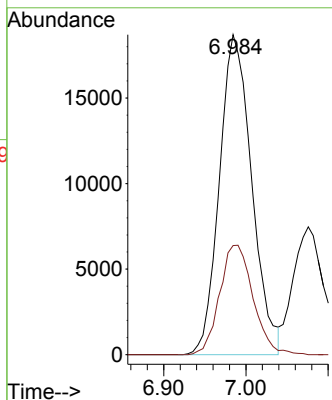
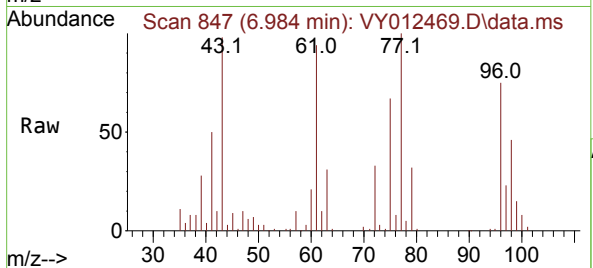




#25
2-Butanone
Concen: 106.316 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

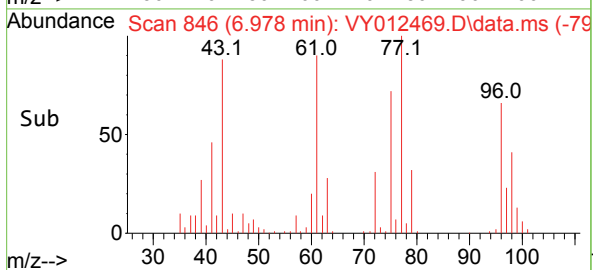
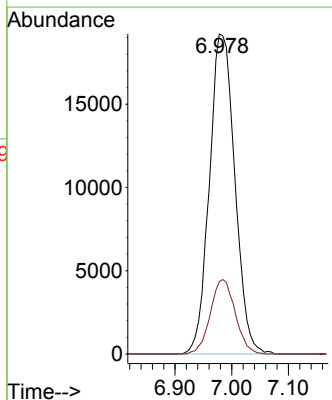
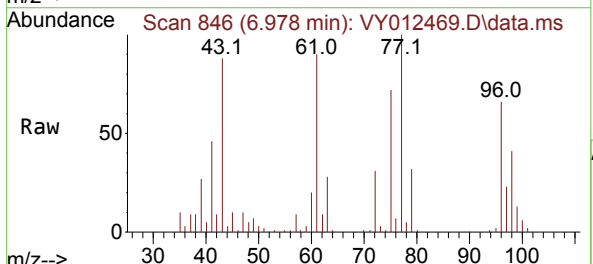
Instrument :
MSVOA_Y
ClientSampleId :

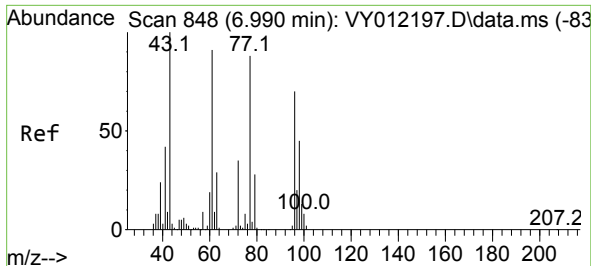
Tgt Ion: 43 Resp: 51129
Ion Ratio Lower Upper
43 100
72 34.1 22.6 34.0#



#26
2,2-Dichloropropane
Concen: 22.443 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

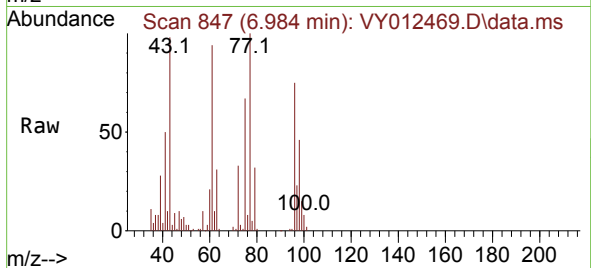
Tgt Ion: 77 Resp: 59853
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1



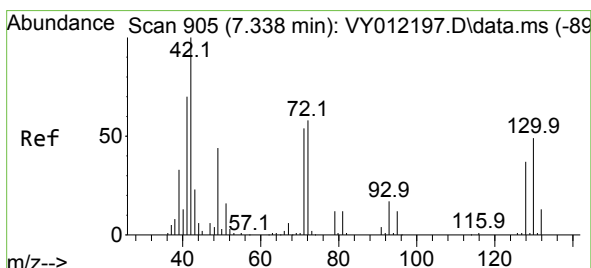
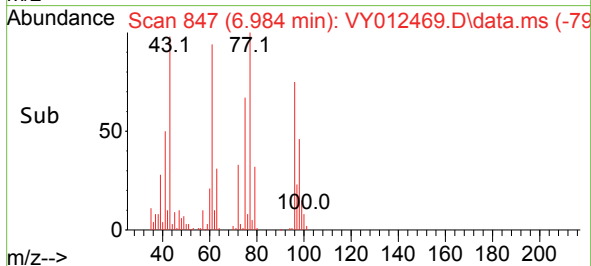
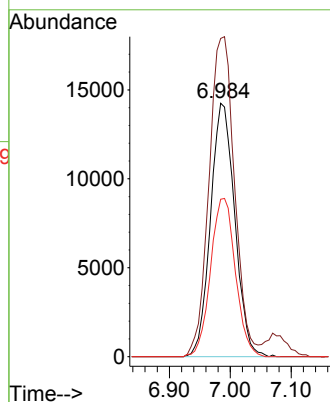


#27
 cis-1,2-Dichloroethene
 Concen: 22.362 ug/l
 RT: 6.984 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY012469.D
 Acq: 03 Feb 2023 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :

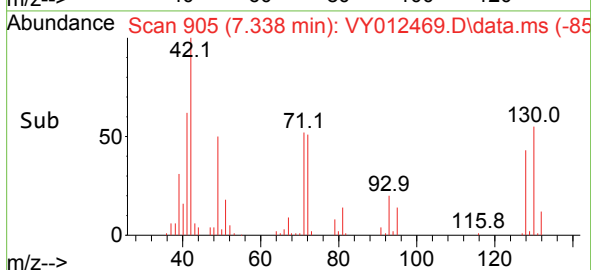
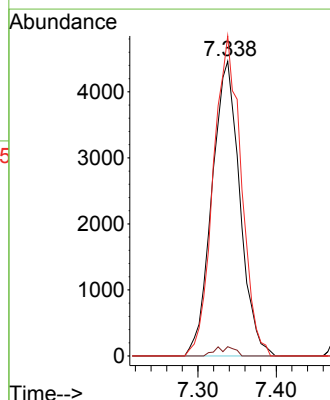
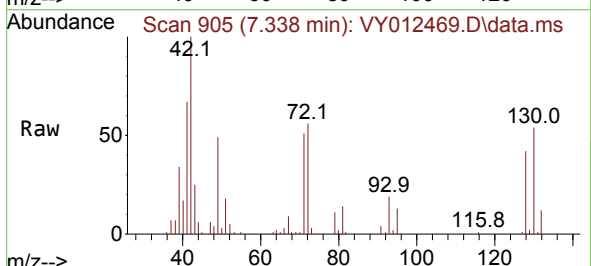


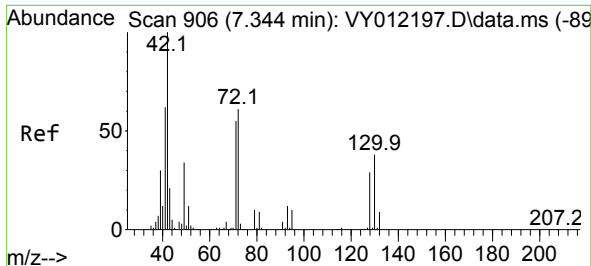
Tgt Ion: 96 Resp: 39384
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 283.4
 98 64.0 0.0 127.6



#28
 Bromochloromethane
 Concen: 20.609 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012469.D
 Acq: 03 Feb 2023 12:06

Tgt Ion: 49 Resp: 11057
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 108.2 66.7 100.1#





#29

Tetrahydrofuran

Concen: 108.346 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

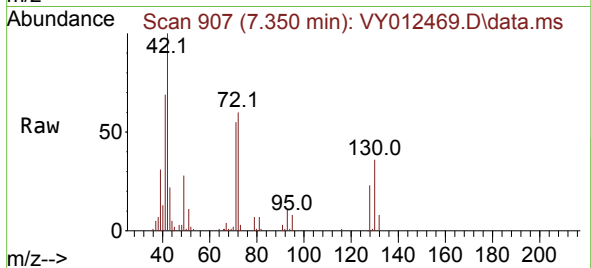
Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :



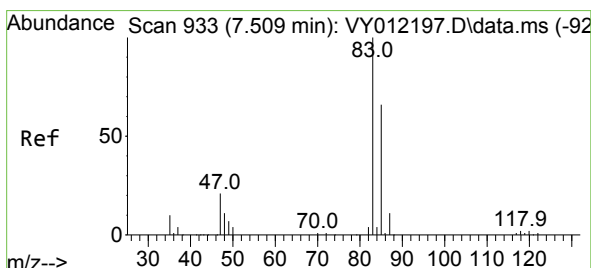
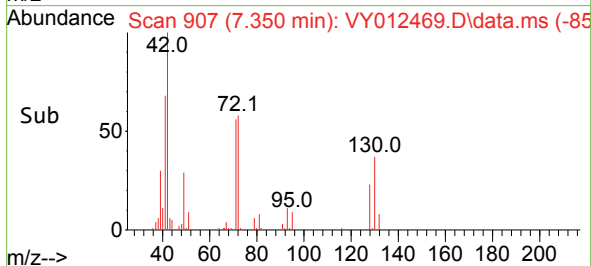
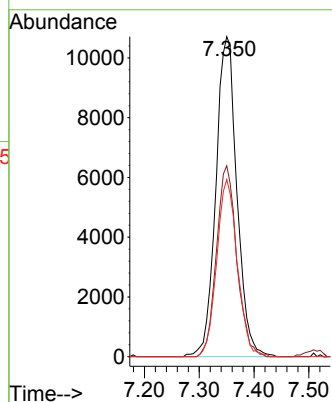
Tgt Ion: 42 Resp: 28621

Ion Ratio Lower Upper

42 100

72 57.5 37.0 55.6#

71 54.0 34.9 52.3#



#30

Chloroform

Concen: 22.238 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012469.D

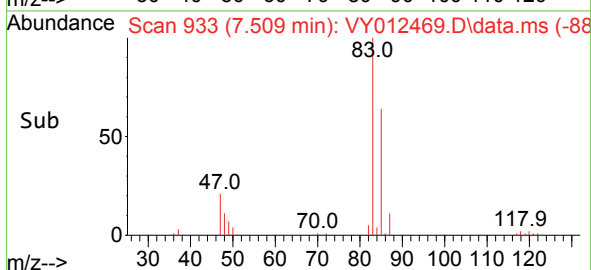
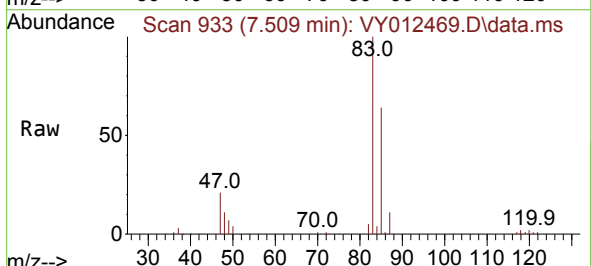
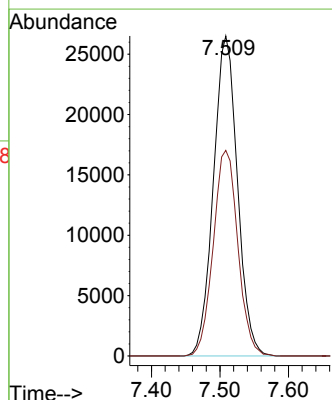
Acq: 03 Feb 2023 12:06

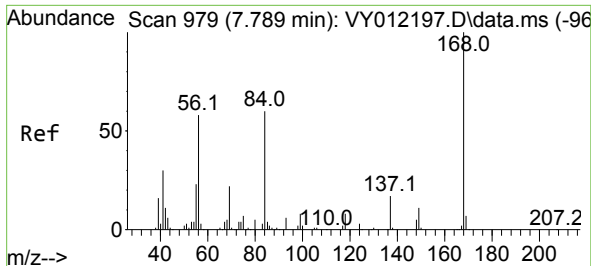
Tgt Ion: 83 Resp: 64491

Ion Ratio Lower Upper

83 100

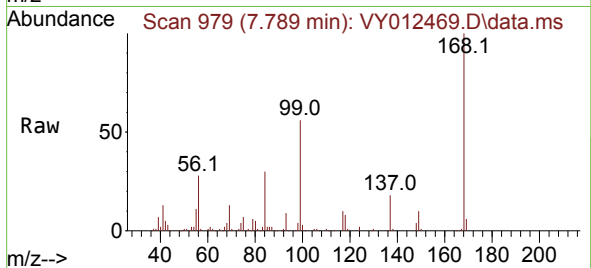
85 64.3 51.5 77.3



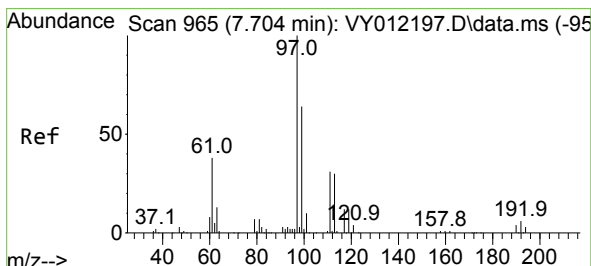
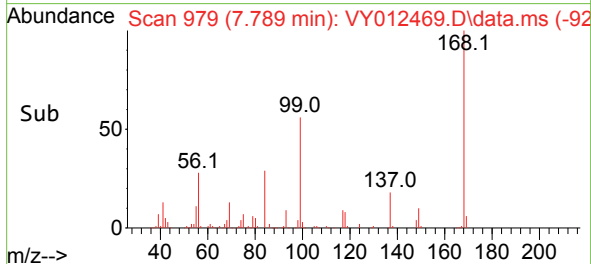
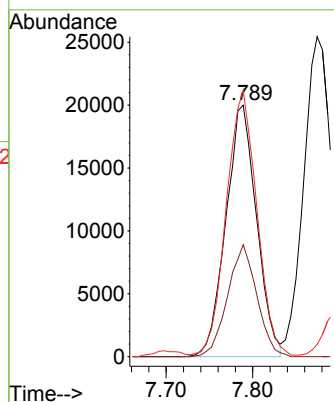


#31
Cyclohexane
Concen: 21.600 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

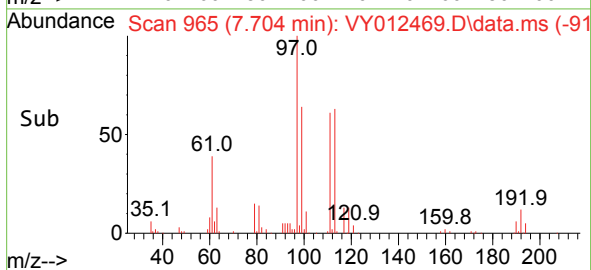
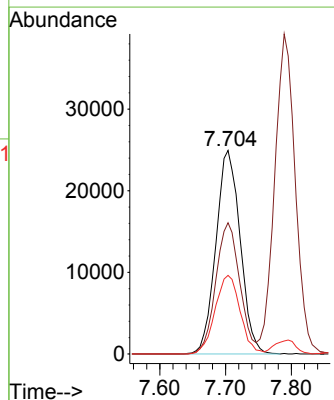
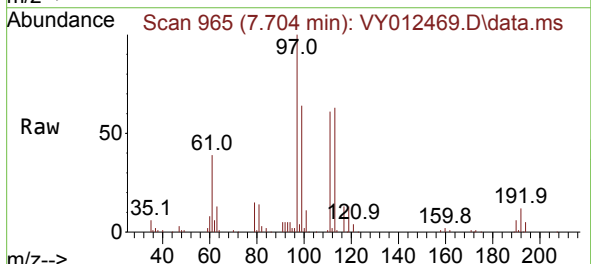


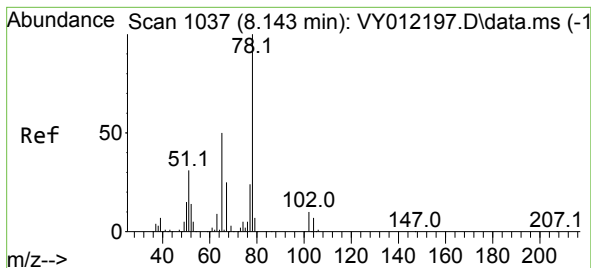
Tgt Ion: 56 Resp: 49267
Ion Ratio Lower Upper
56 100
69 44.5 29.2 43.8#
84 104.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 22.327 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 97 Resp: 64101
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 39.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 46.611 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

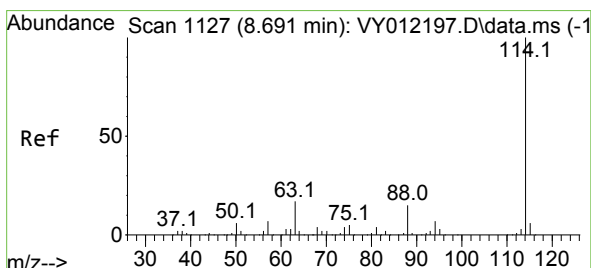
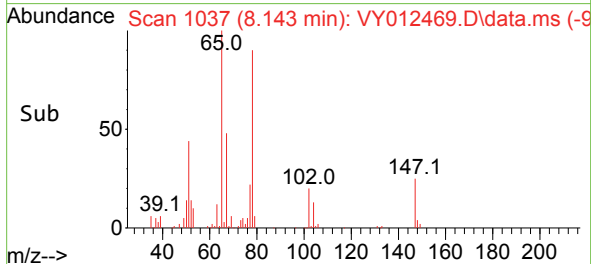
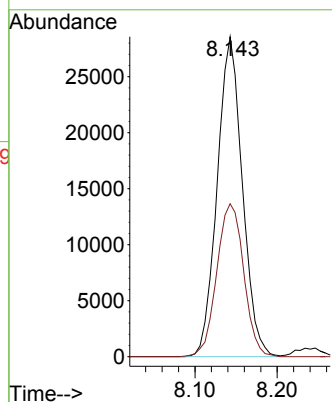
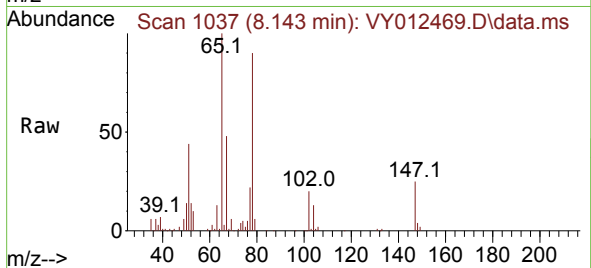
ClientSampleId :

Tgt Ion: 65 Resp: 60787

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

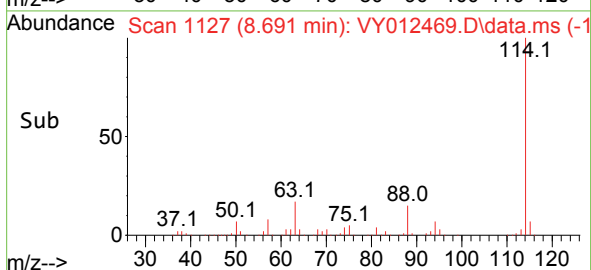
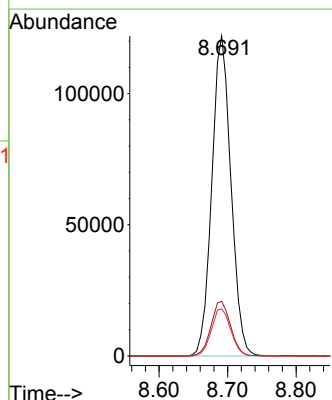
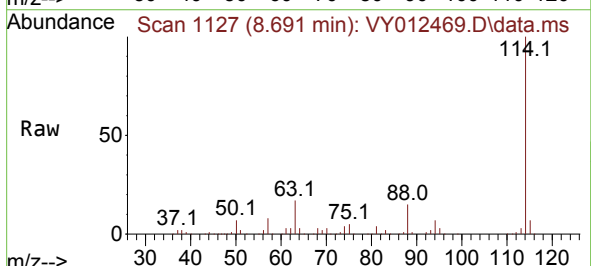
Tgt Ion:114 Resp: 236280

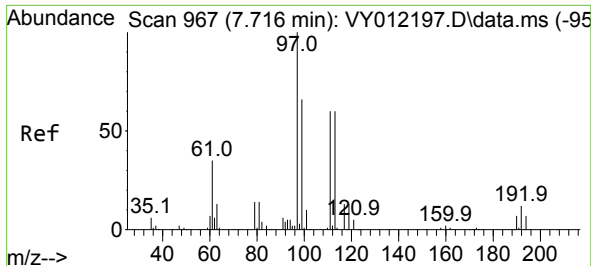
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.7 0.0 32.2

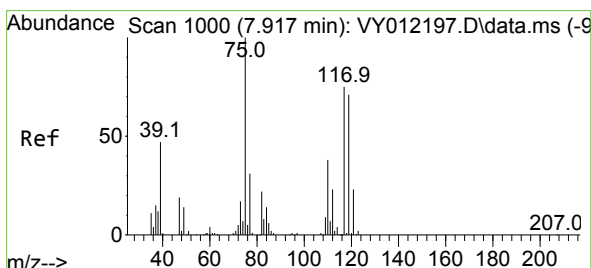
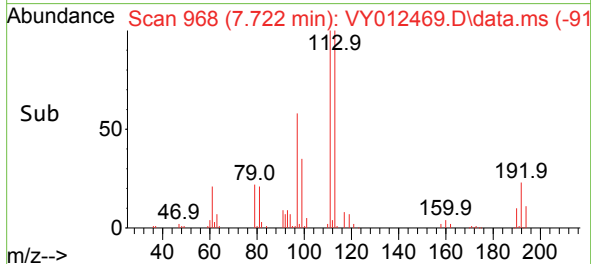
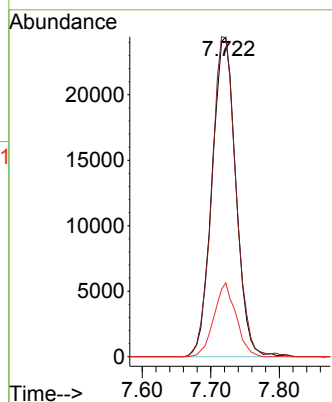
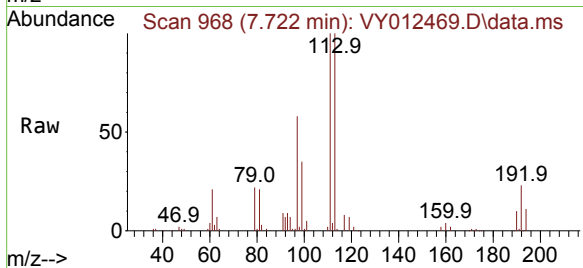




#35
Dibromofluoromethane
Concen: 47.016 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

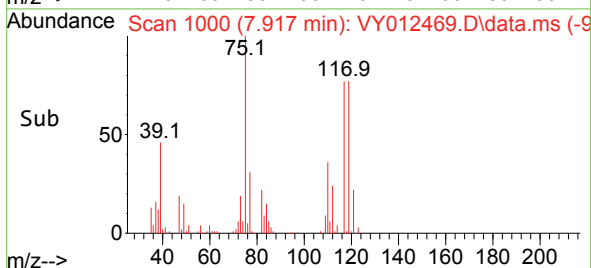
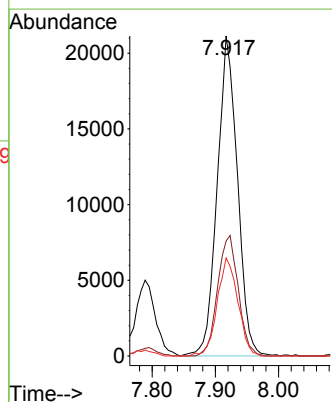
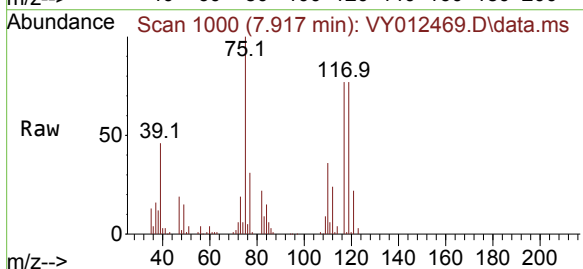
Instrument :
MSVOA_Y
ClientSampleId :

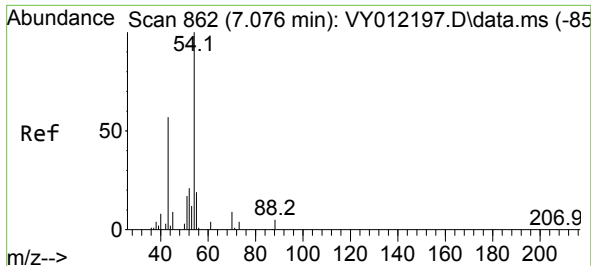
Tgt Ion:113 Resp: 58822
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.4
192 21.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 22.038 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 75 Resp: 46858
Ion Ratio Lower Upper
75 100
110 38.5 18.1 54.1
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 21.650 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

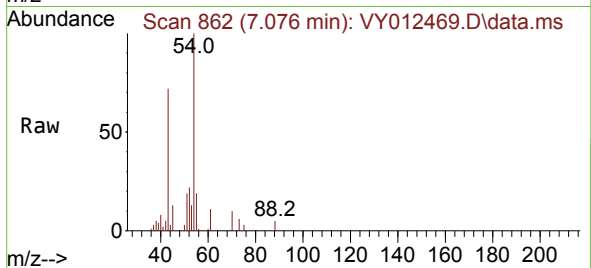
Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

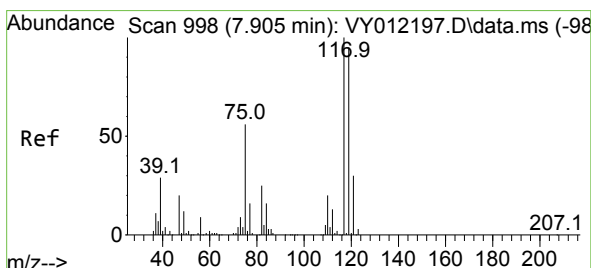
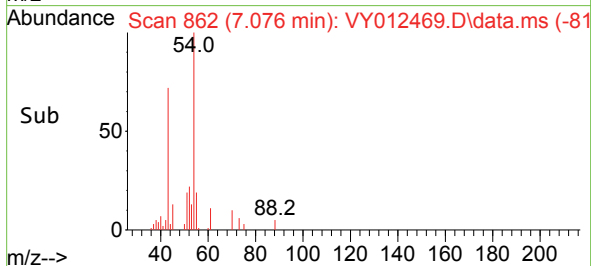
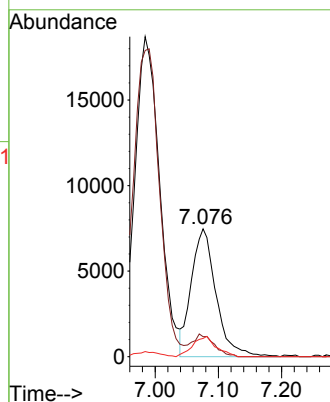
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	20294
Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.3	16.9
70	15.0	8.2	12.4



#38

Carbon Tetrachloride

Concen: 22.447 ug/l

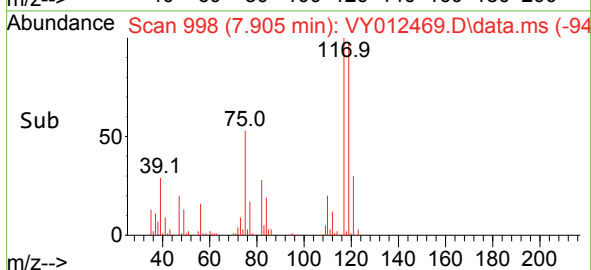
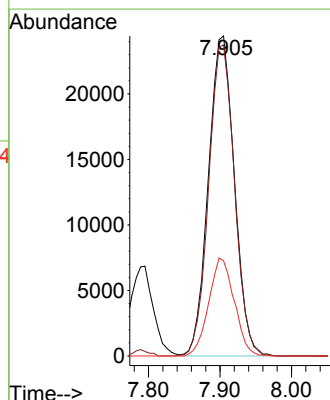
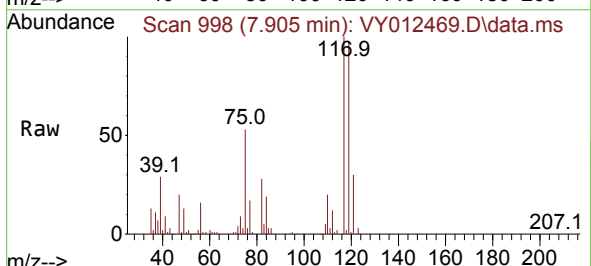
RT: 7.905 min Scan# 998

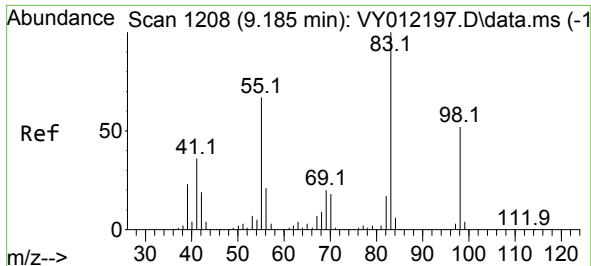
Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Tgt Ion:	117	Resp:	61642
Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.8	110.8
121	29.8	25.2	37.8





#39

Methylcyclohexane

Concen: 22.113 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

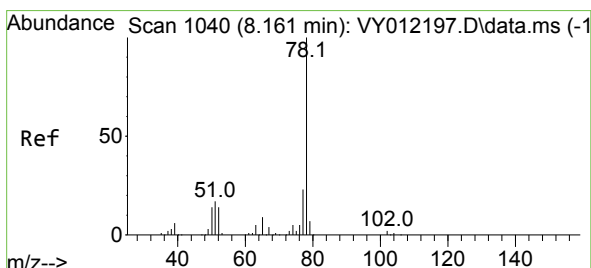
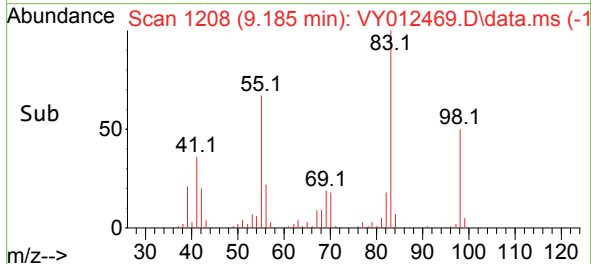
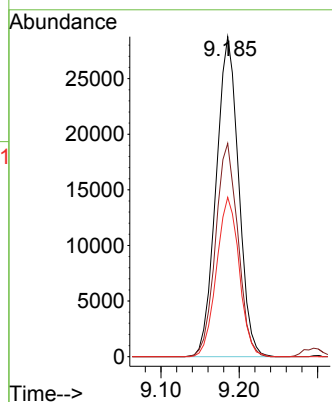
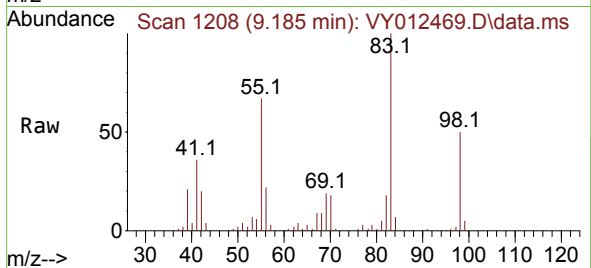
Tgt Ion: 83 Resp: 57460

Ion Ratio Lower Upper

83 100

55 66.6 58.2 87.2

98 49.8 38.6 58.0



#40

Benzene

Concen: 22.121 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012469.D

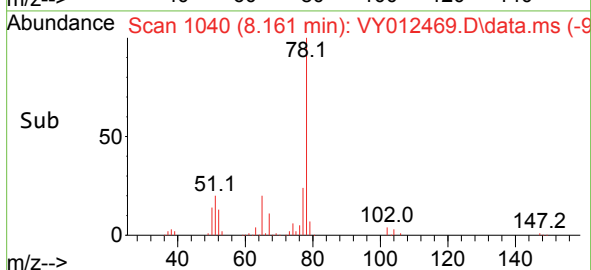
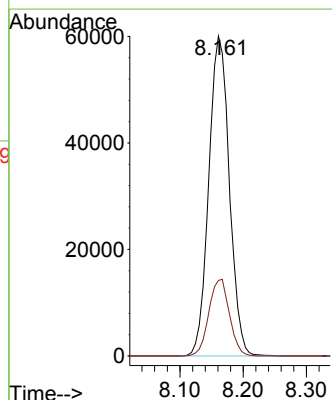
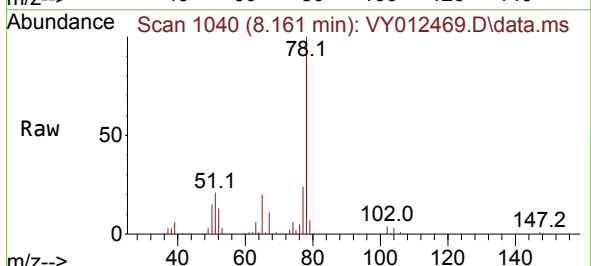
Acq: 03 Feb 2023 12:06

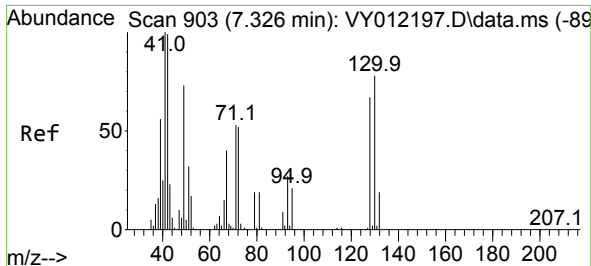
Tgt Ion: 78 Resp: 135755

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

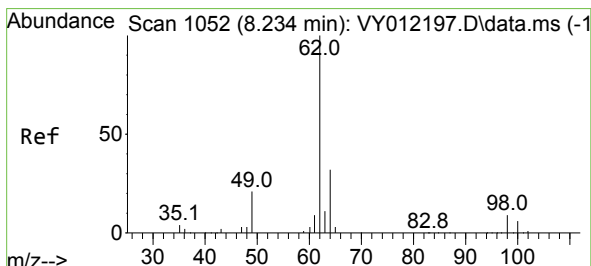
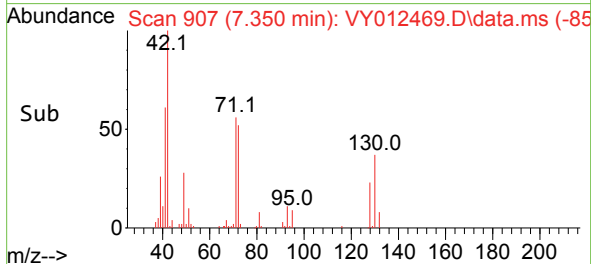
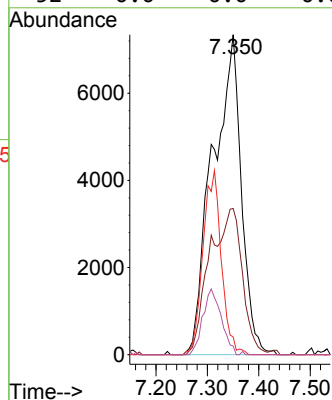
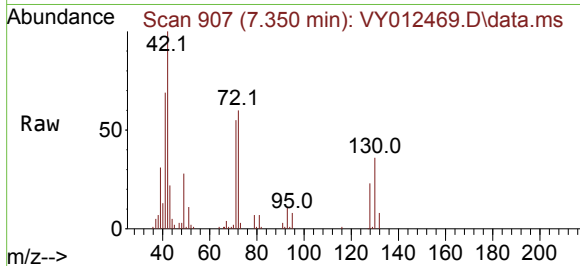




#41
Methacrylonitrile
Concen: 51.634 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.024 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

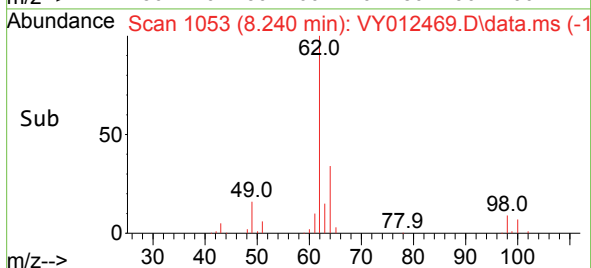
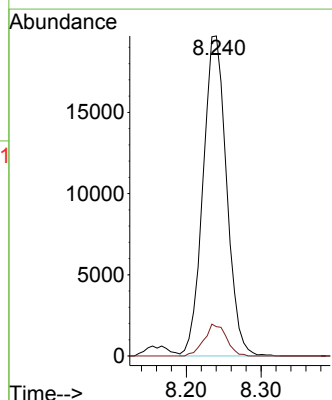
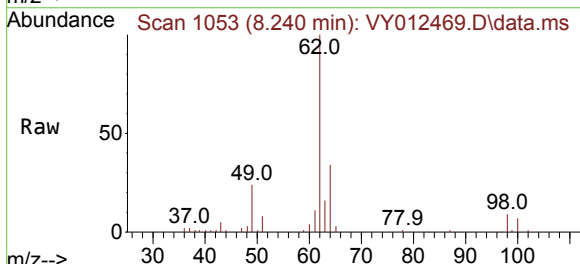
Instrument :
MSVOA_Y
ClientSampleId :

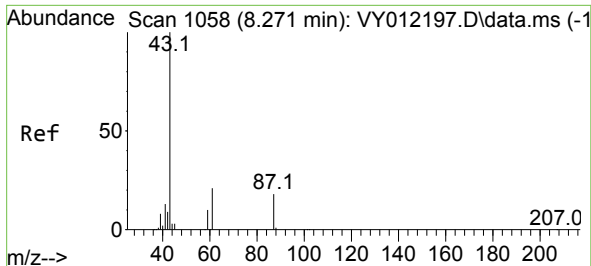
Tgt Ion: 41 Resp: 28449
Ion Ratio Lower Upper
41 100
39 26.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.108 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

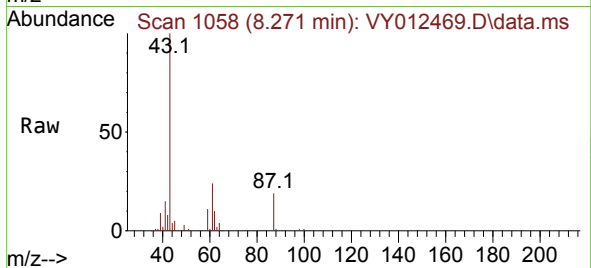
Tgt Ion: 62 Resp: 43193
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.6



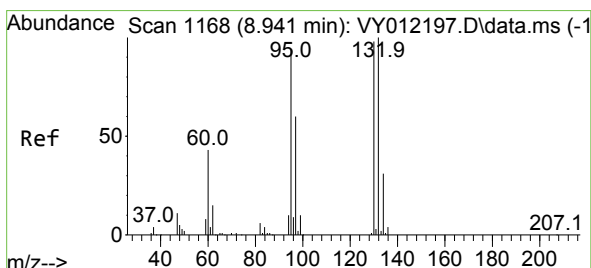
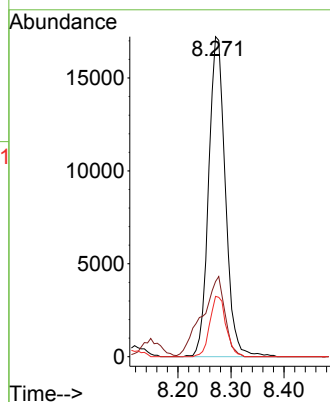
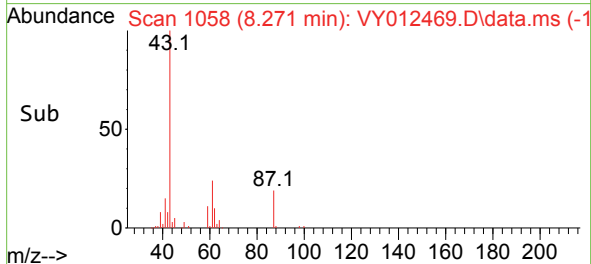


#43
Isopropyl Acetate
Concen: 21.618 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

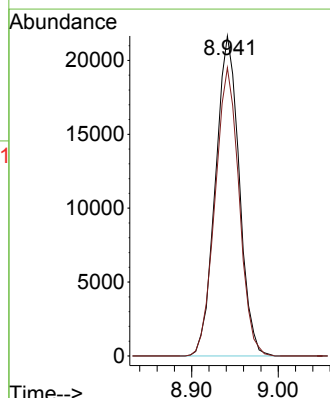
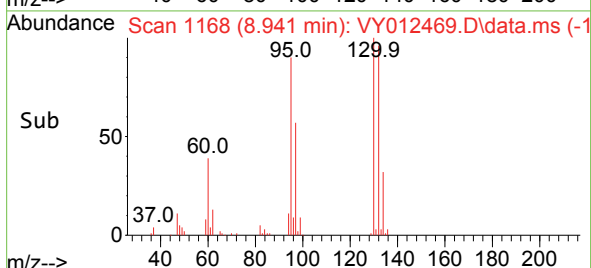
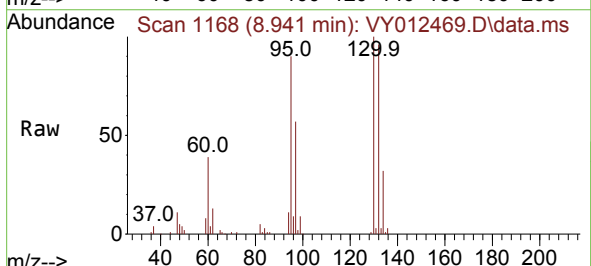


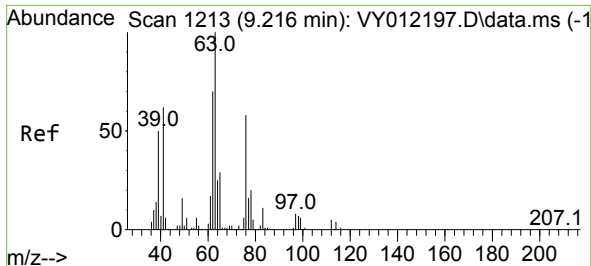
Tgt Ion: 43 Resp: 37700
Ion Ratio Lower Upper
43 100
61 34.1 24.4 36.6
87 18.3 11.4 17.2#



#44
Trichloroethene
Concen: 22.489 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 130 Resp: 41252
Ion Ratio Lower Upper
130 100
95 90.1 0.0 190.6





#45

1,2-Dichloropropane

Concen: 23.128 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

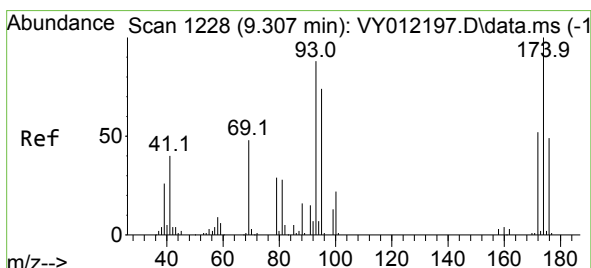
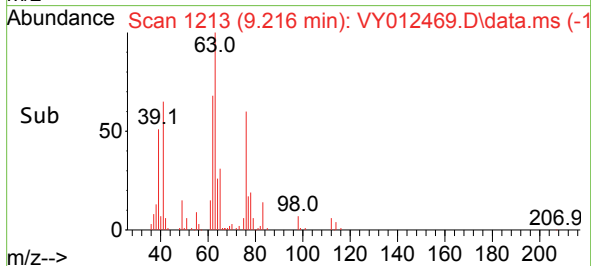
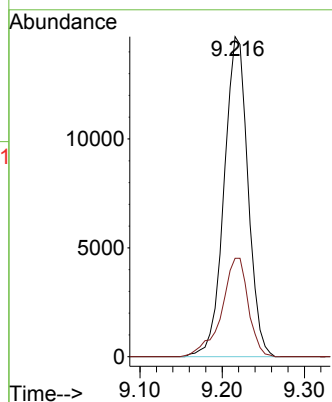
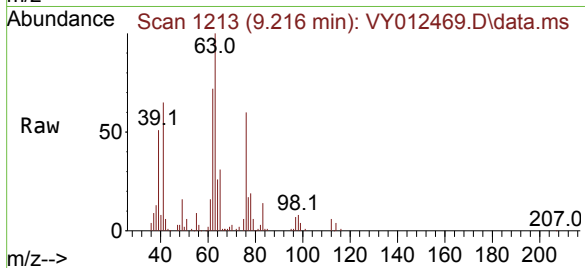
ClientSampleId :

Tgt Ion: 63 Resp: 29617

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 22.040 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

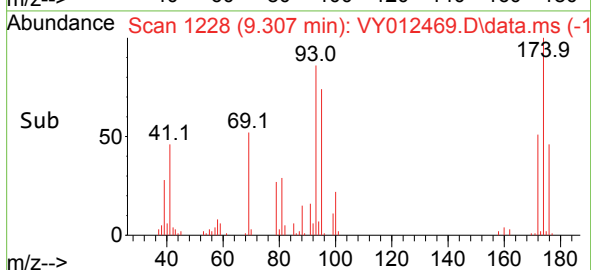
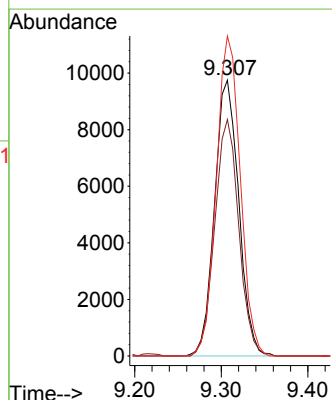
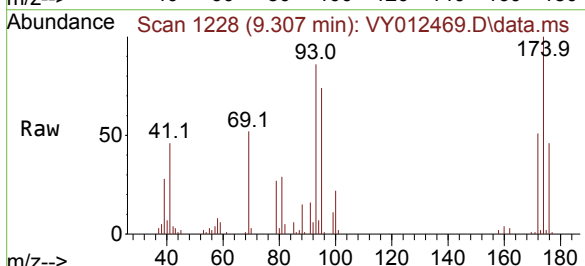
Tgt Ion: 93 Resp: 18894

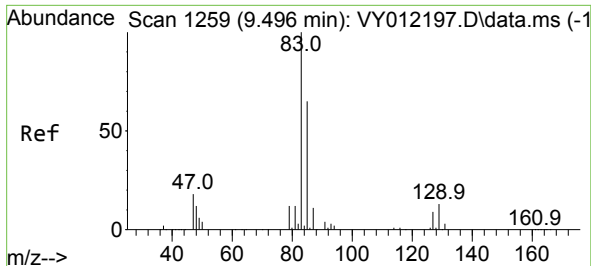
Ion Ratio Lower Upper

93 100

95 85.2 66.1 99.1

174 115.0 84.7 127.1

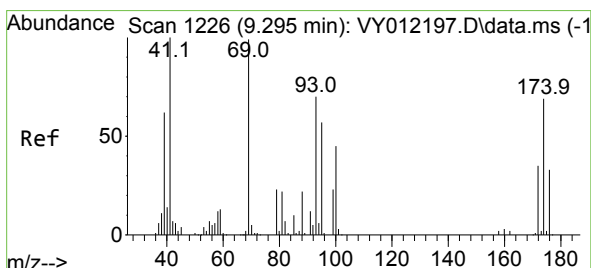
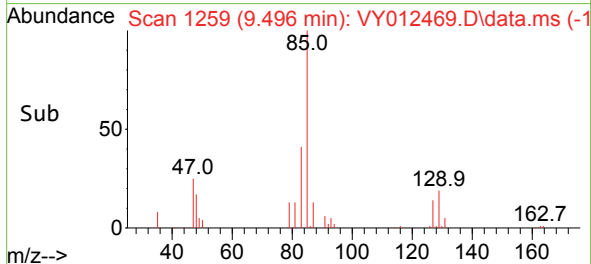
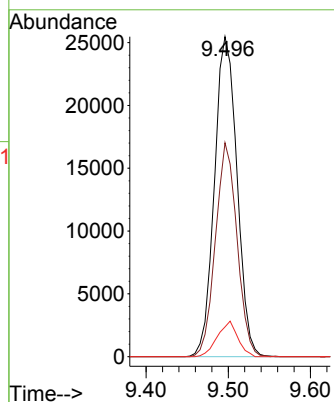
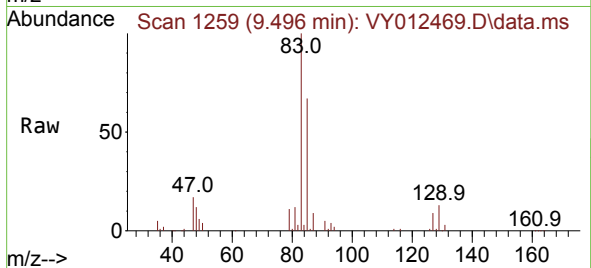




#47
Bromodichloromethane
Concen: 22.490 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

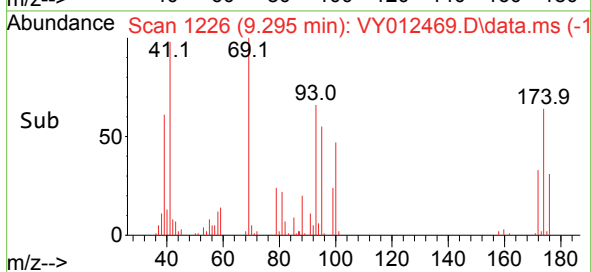
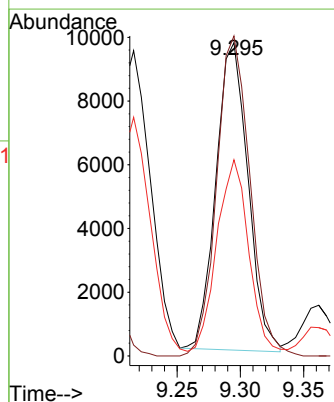
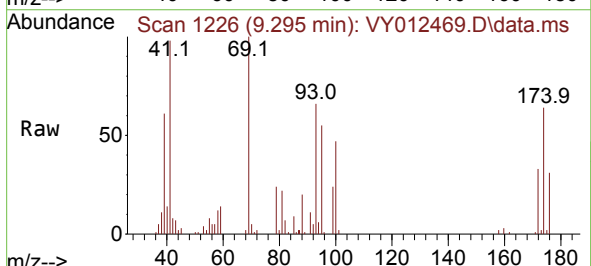
Instrument :
MSVOA_Y
ClientSampleId :

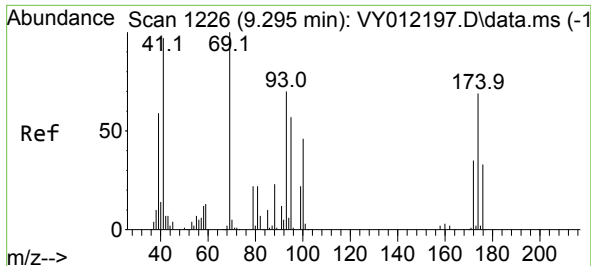
Tgt Ion: 83 Resp: 48532
Ion Ratio Lower Upper
83 100
85 66.9 52.0 78.0
127 9.3 7.3 10.9



#48
Methyl methacrylate
Concen: 21.116 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 41 Resp: 16967
Ion Ratio Lower Upper
41 100
69 108.3 74.2 111.2
39 62.0 46.3 69.5





#49

1,4-Dioxane

Concen: 421.697 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

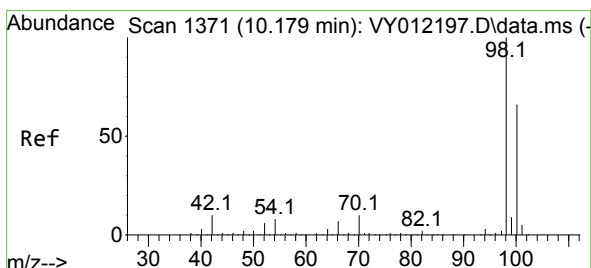
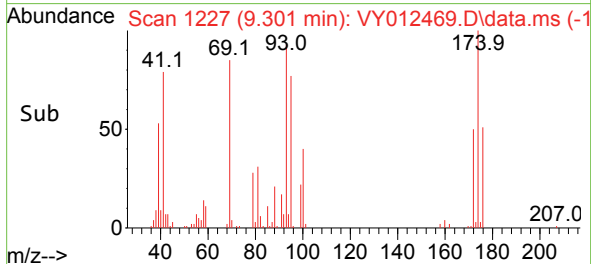
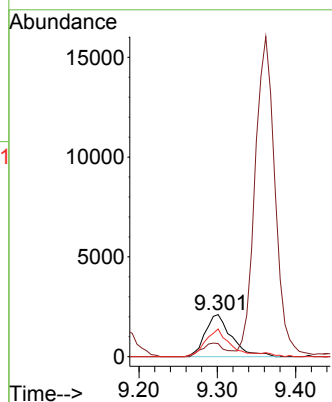
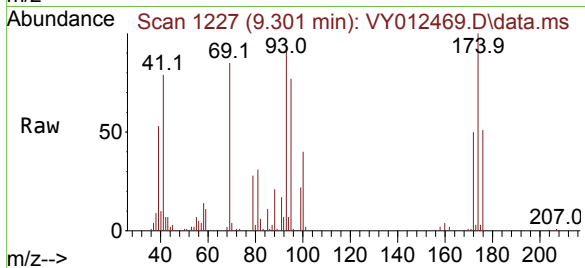
Tgt Ion: 88 Resp: 4926

Ion Ratio Lower Upper

88 100

43 28.4 26.2 39.2

58 66.2 54.3 81.5



#50

Toluene-d8

Concen: 45.831 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012469.D

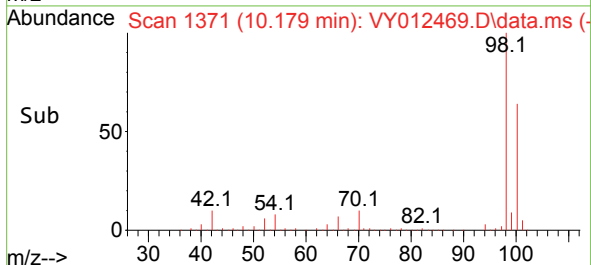
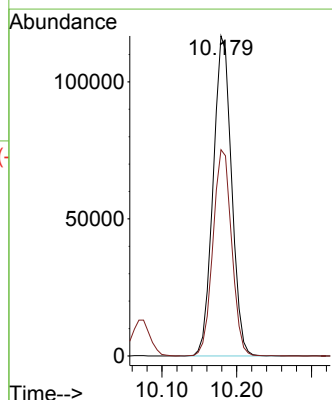
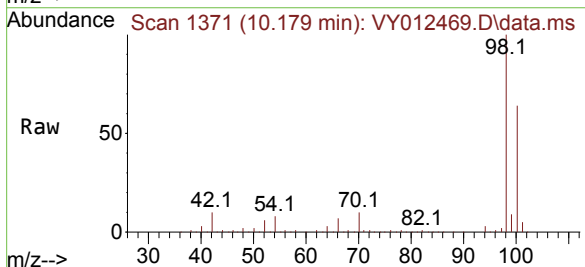
Acq: 03 Feb 2023 12:06

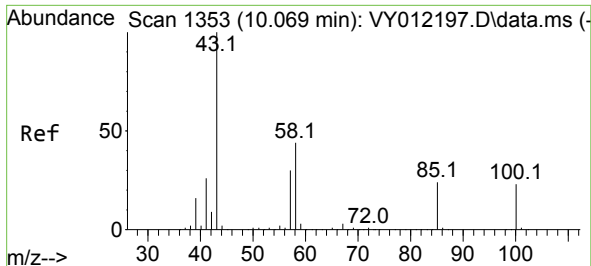
Tgt Ion: 98 Resp: 200234

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9

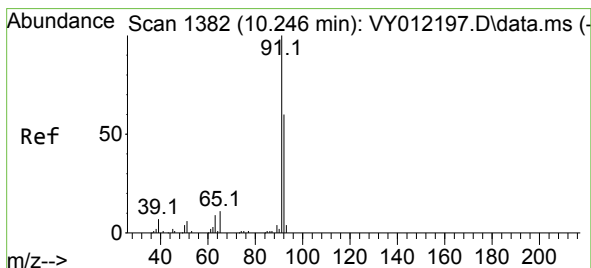
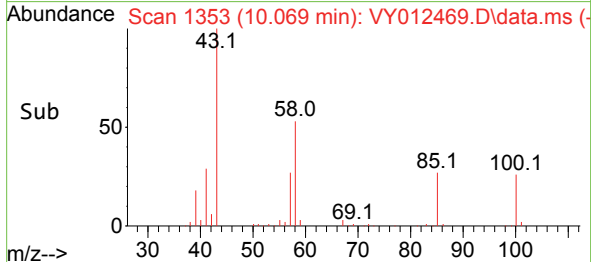
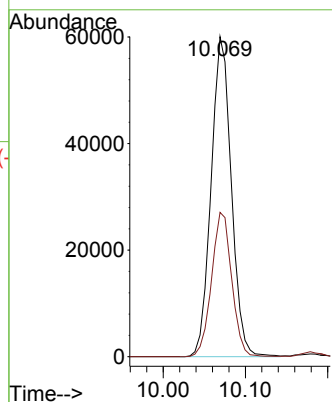
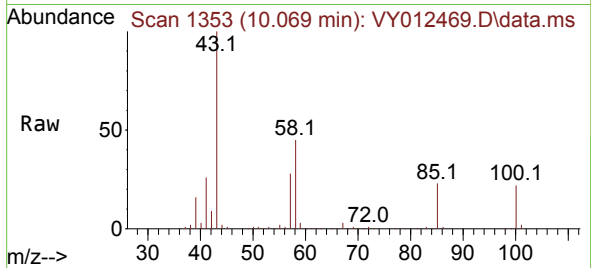




#51
4-Methyl-2-Pentanone
Concen: 110.387 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

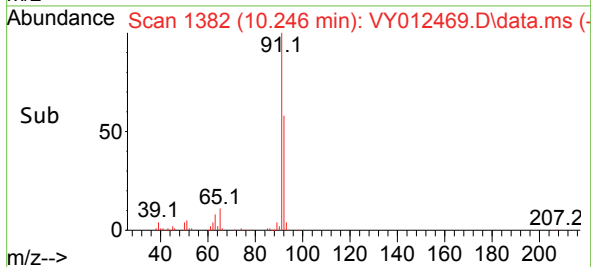
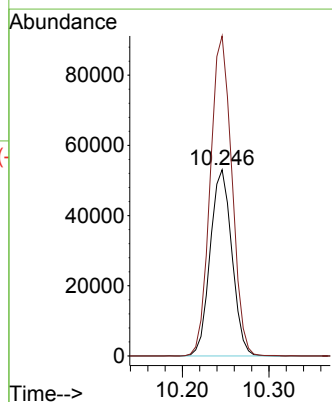
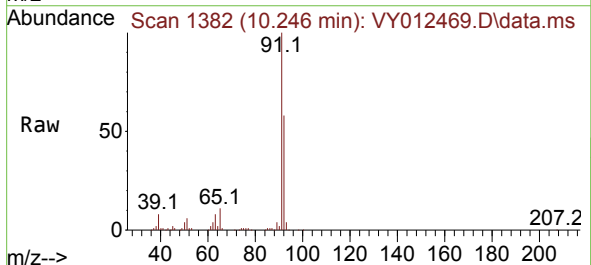
Instrument :
MSVOA_Y
ClientSampleId :

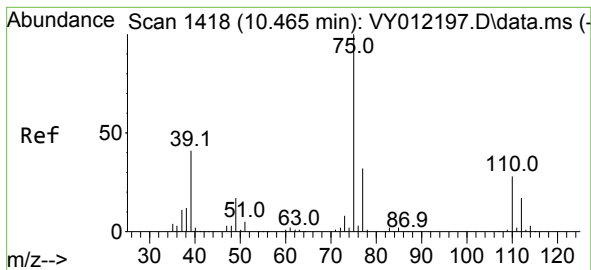
Tgt Ion: 43 Resp: 102650
Ion Ratio Lower Upper
43 100
58 45.0 32.9 49.3



#52
Toluene
Concen: 22.592 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 92 Resp: 92313
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0

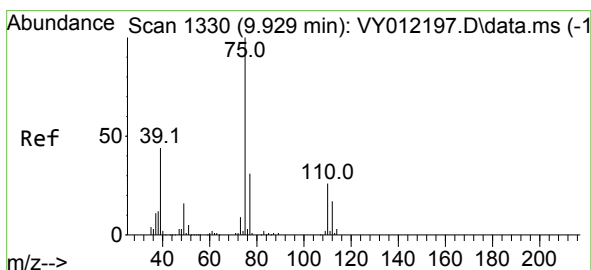
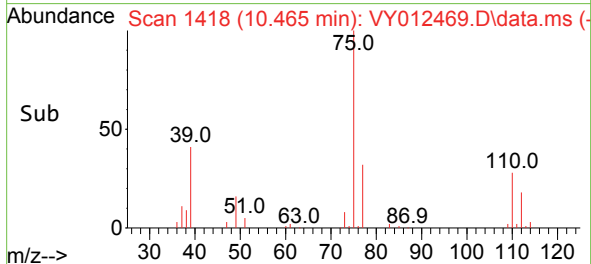
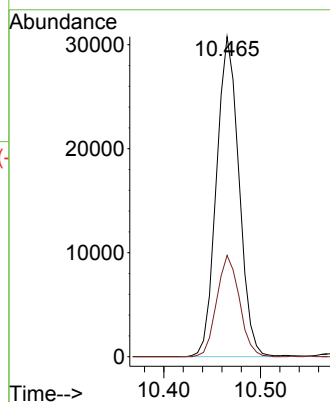
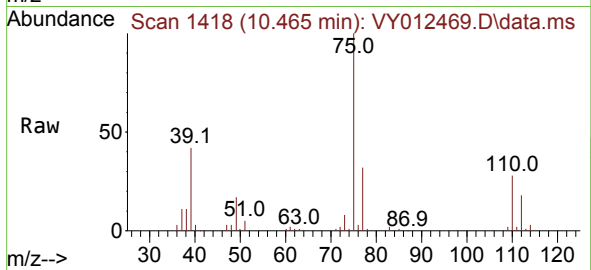




#53
 t-1,3-Dichloropropene
 Concen: 22.057 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012469.D
 Acq: 03 Feb 2023 12:06

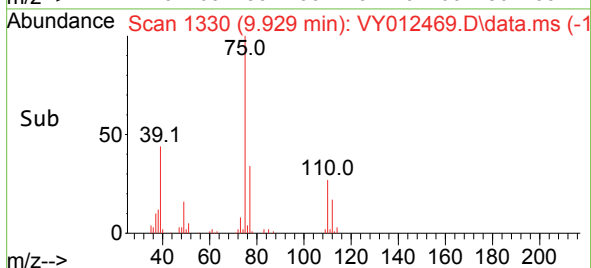
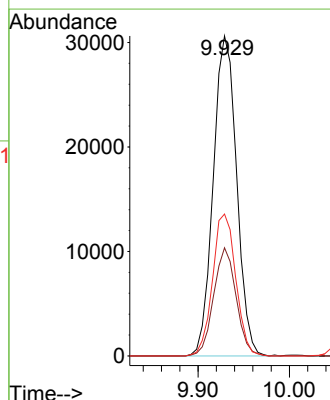
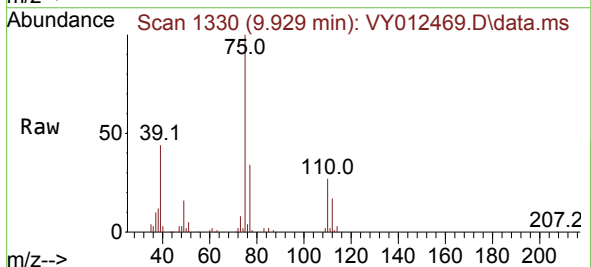
Instrument :
 MSVOA_Y
 ClientSampleId :

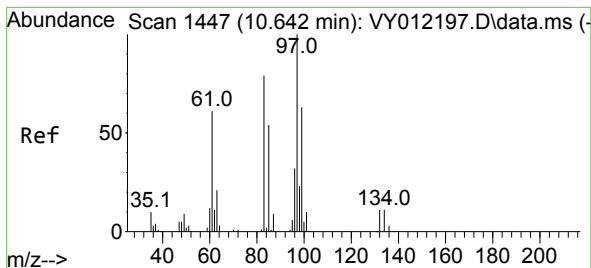
Tgt Ion: 75 Resp: 49788
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.409 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012469.D
 Acq: 03 Feb 2023 12:06

Tgt Ion: 75 Resp: 54473
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.9 38.9
 39 44.3 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 22.618 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

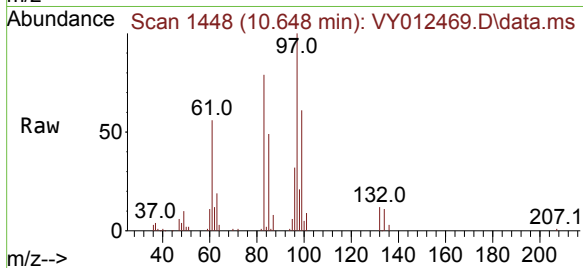
Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 27549

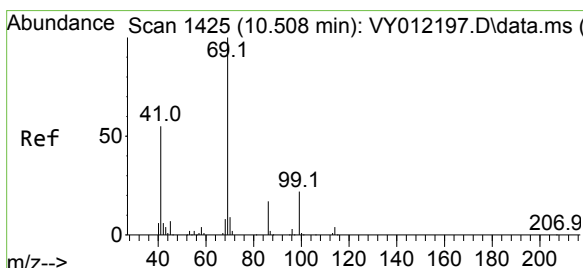
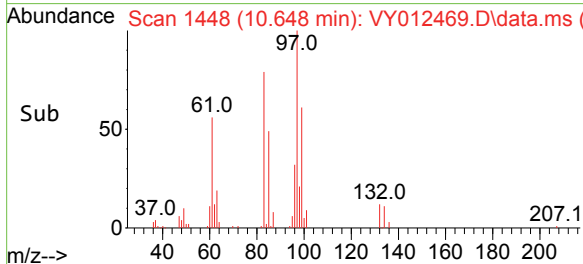
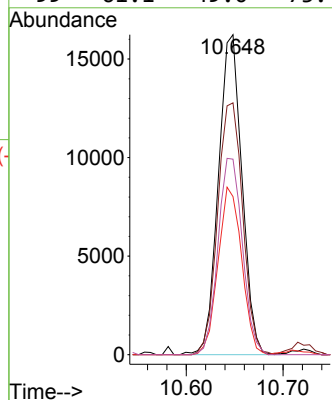
Ion Ratio Lower Upper

97 100

83 78.7 67.7 101.5

85 49.4 43.8 65.8

99 61.1 49.0 73.4



#56

Ethyl methacrylate

Concen: 21.620 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

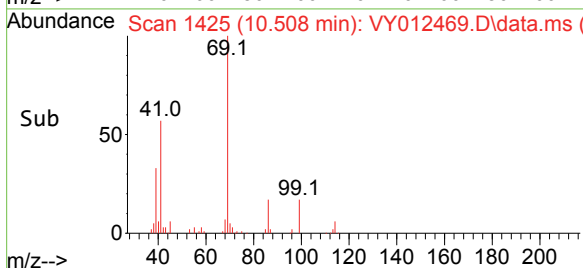
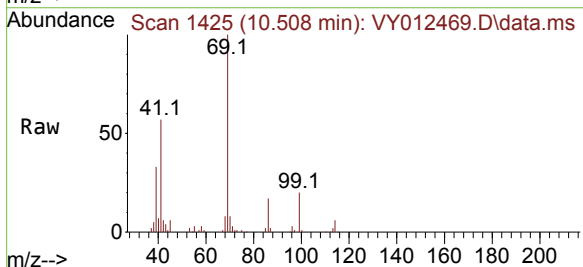
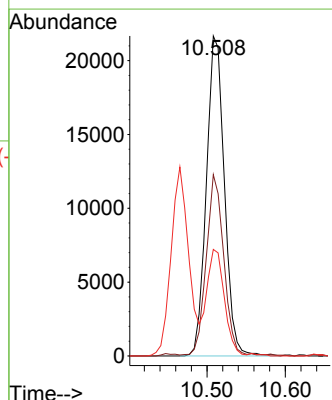
Tgt Ion: 69 Resp: 34547

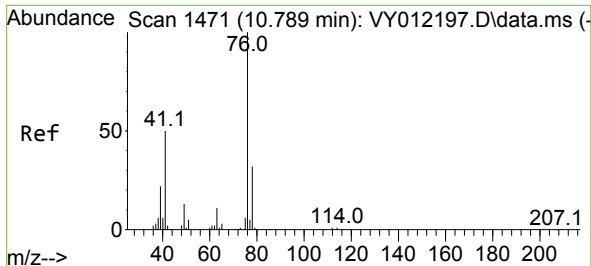
Ion Ratio Lower Upper

69 100

41 54.3 48.9 73.3

39 32.3 25.9 38.9





#57

1,3-Dichloropropane

Concen: 22.632 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

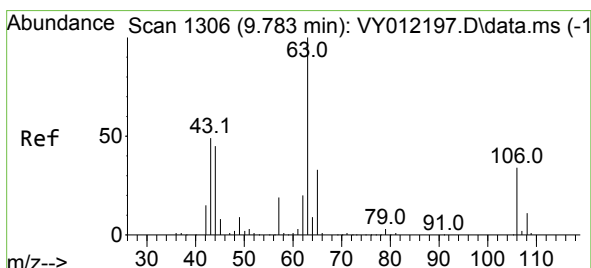
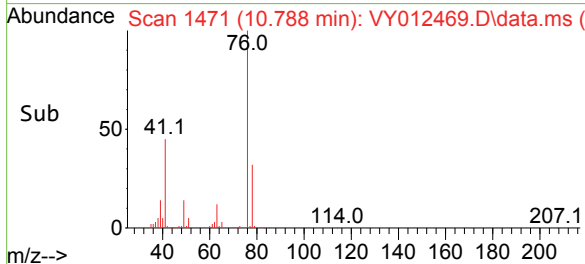
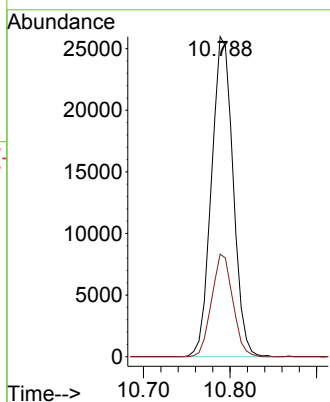
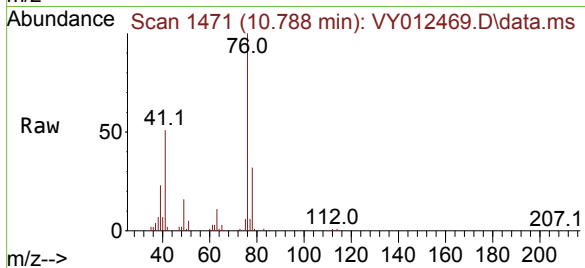
ClientSampleId :

Tgt Ion: 76 Resp: 45019

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.375 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012469.D

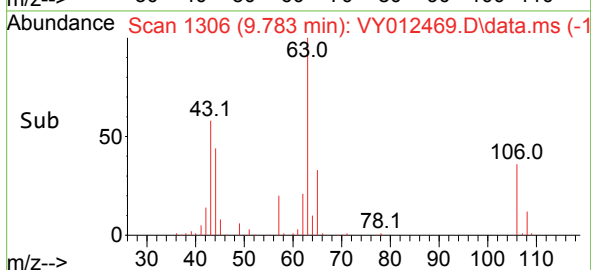
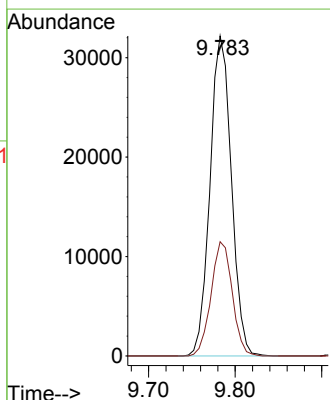
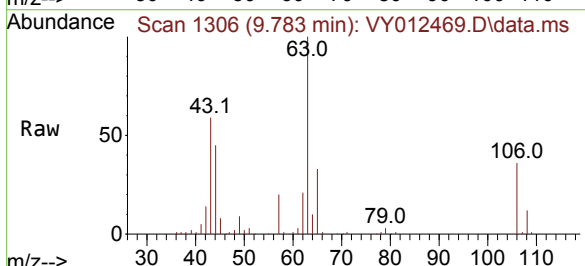
Acq: 03 Feb 2023 12:06

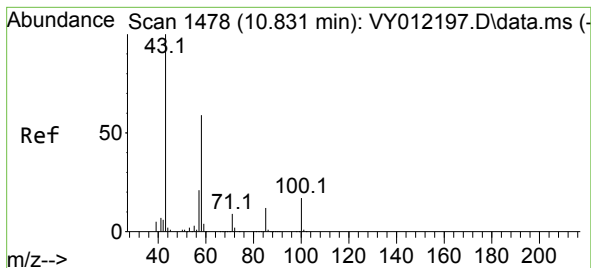
Tgt Ion: 63 Resp: 55186

Ion Ratio Lower Upper

63 100

106 35.3 23.2 34.8#

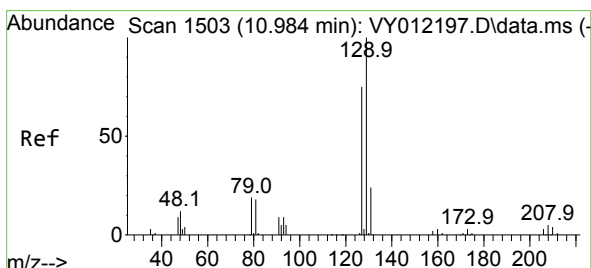
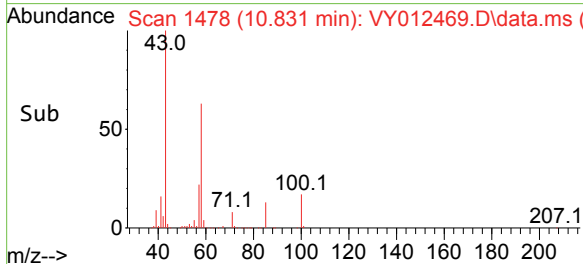
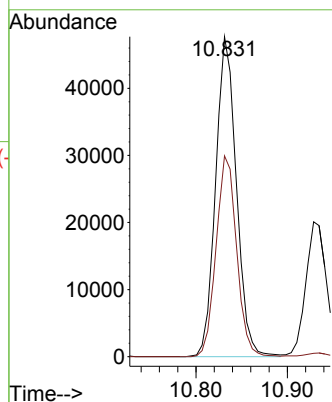
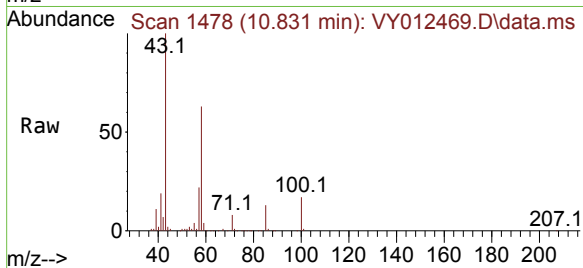




#59
2-Hexanone
Concen: 106.249 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

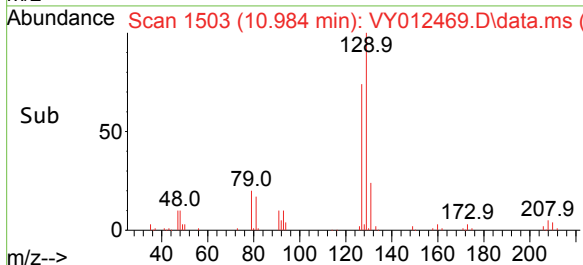
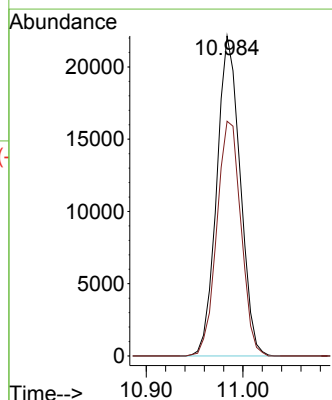
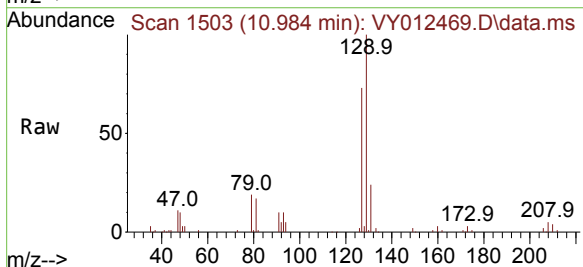
Instrument :
MSVOA_Y
ClientSampleId :

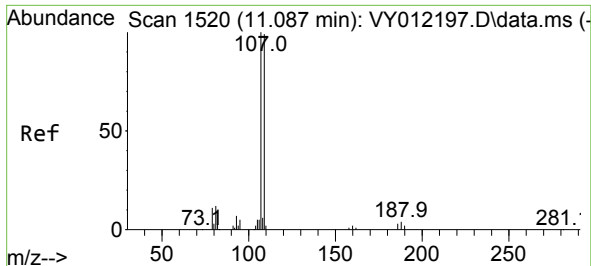
Tgt Ion: 43 Resp: 75223
Ion Ratio Lower Upper
43 100
58 62.2 28.4 85.2



#60
Dibromochloromethane
Concen: 23.018 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion:129 Resp: 37185
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6

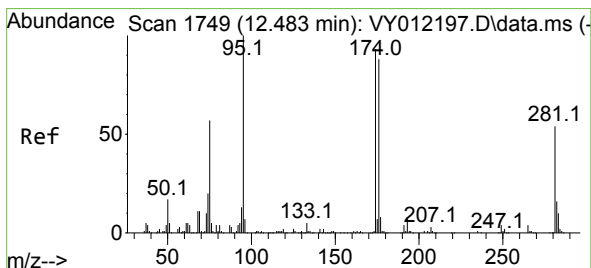
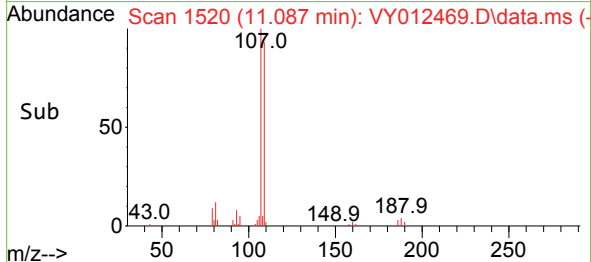
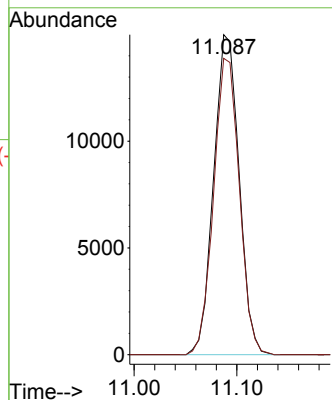
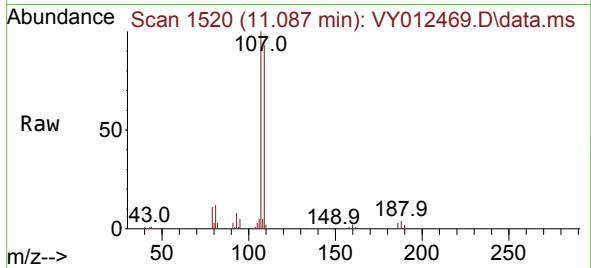




#61
1,2-Dibromoethane
Concen: 21.895 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

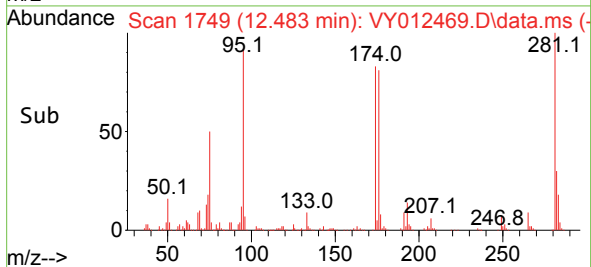
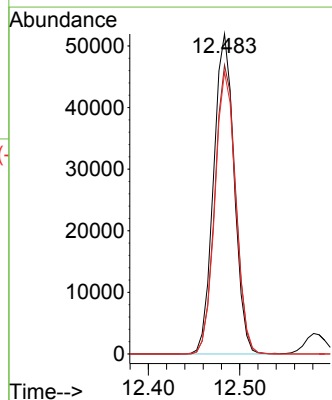
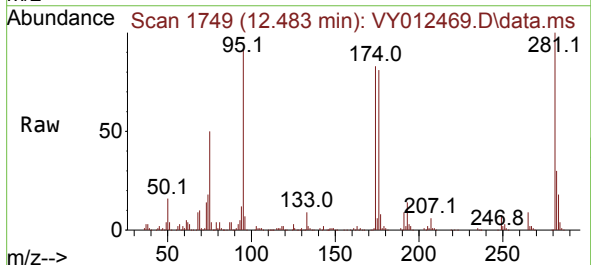
Instrument :
MSVOA_Y
ClientSampleId :

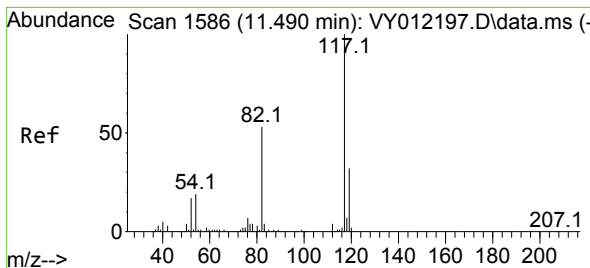
Tgt Ion:107 Resp: 25733
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 46.075 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 95 Resp: 81262
Ion Ratio Lower Upper
95 100
174 91.5 0.0 172.0
176 88.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

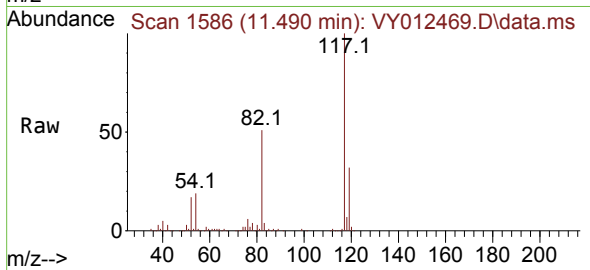
Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :



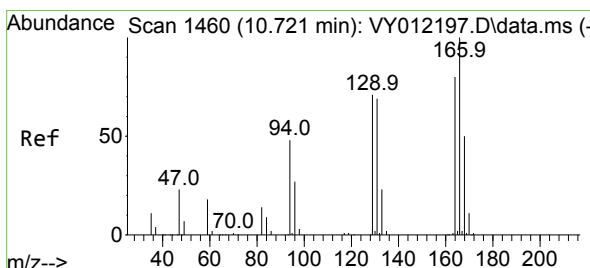
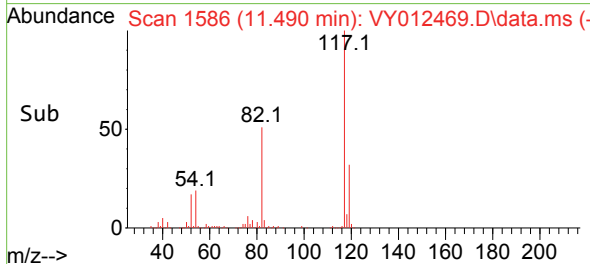
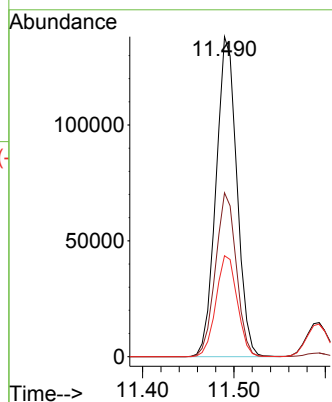
Tgt Ion:117 Resp: 218771

Ion Ratio Lower Upper

117 100

82 51.2 44.8 67.2

119 31.5 25.4 38.2



#64

Tetrachloroethene

Concen: 22.941 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Tgt Ion:164 Resp: 45796

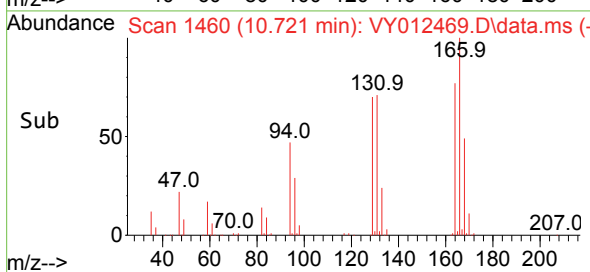
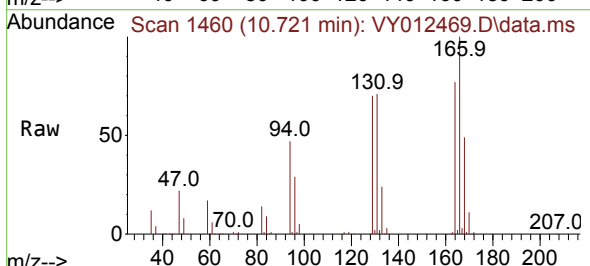
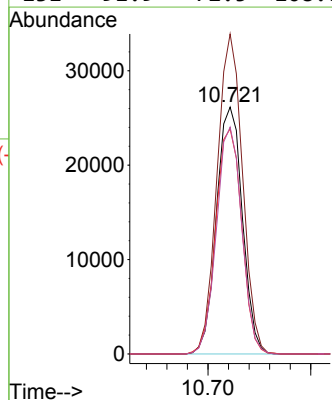
Ion Ratio Lower Upper

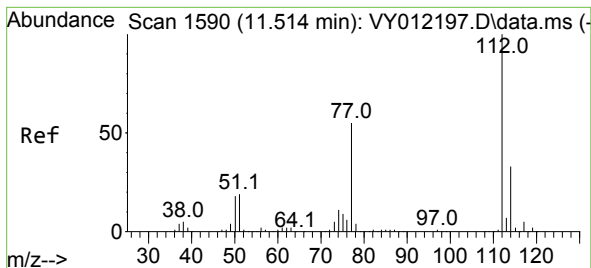
164 100

166 129.6 102.3 153.5

129 91.2 77.2 115.8

131 91.9 72.5 108.7





#65

Chlorobenzene

Concen: 22.237 ug/l

RT: 11.514 min Scan# 1112

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

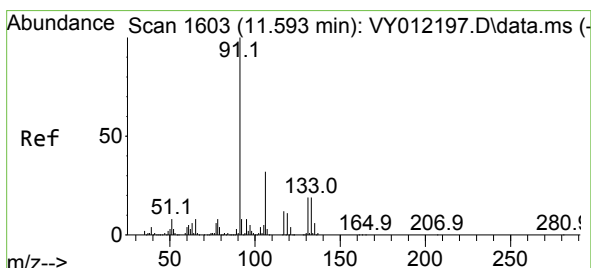
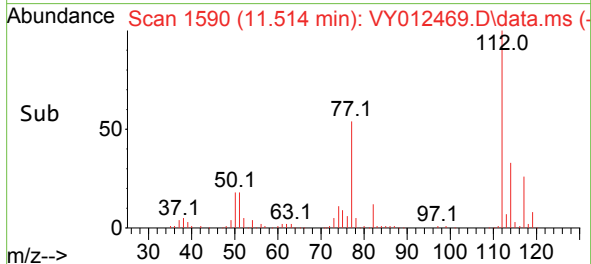
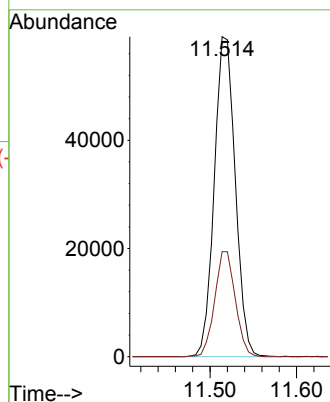
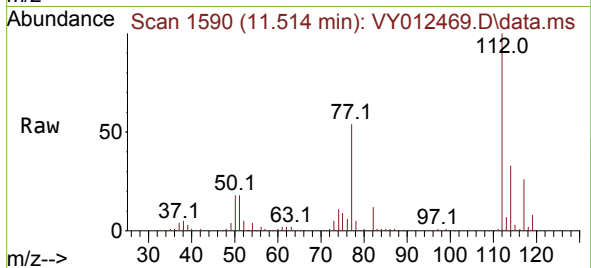
ClientSampleId :

Tgt Ion:112 Resp: 99536

Ion Ratio Lower Upper

112 100

114 32.8 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 22.997 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

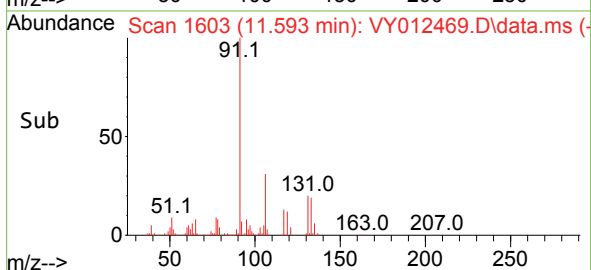
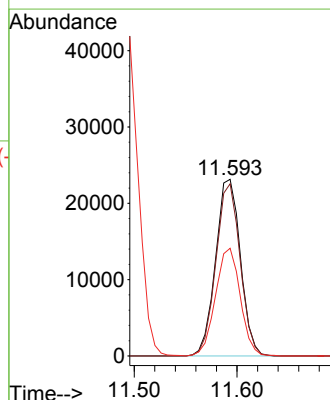
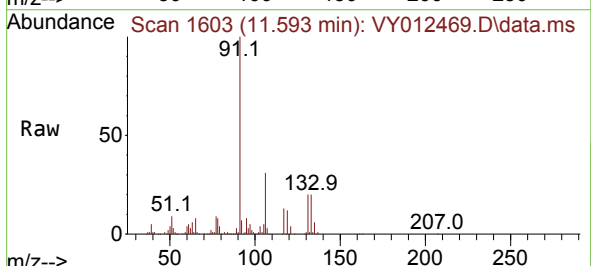
Tgt Ion:131 Resp: 38854

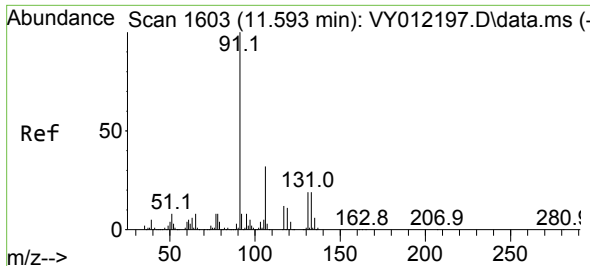
Ion Ratio Lower Upper

131 100

133 94.9 47.3 142.0

119 60.8 32.1 96.3





#67

Ethyl Benzene

Concen: 22.458 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

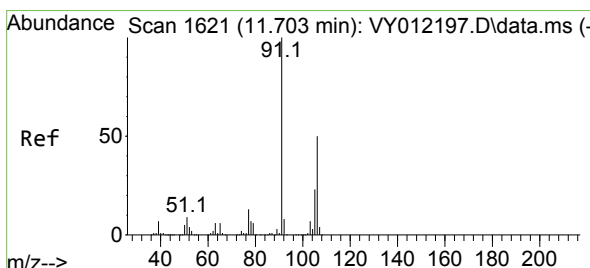
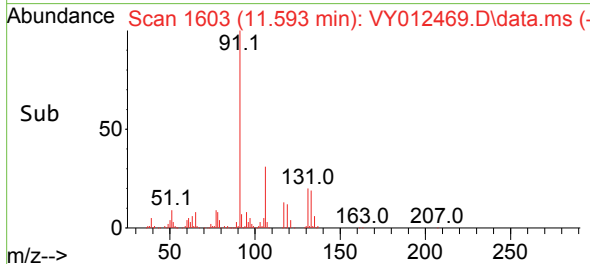
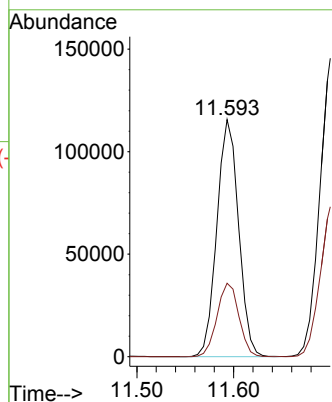
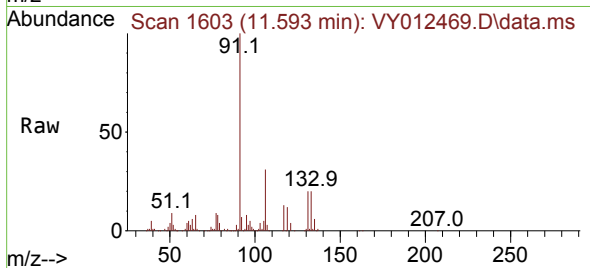
ClientSampleId :

Tgt Ion: 91 Resp: 179660

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 45.193 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012469.D

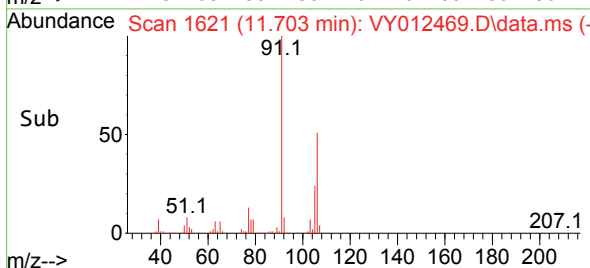
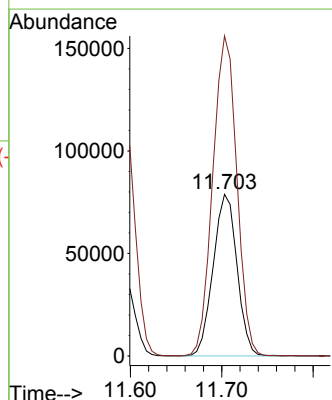
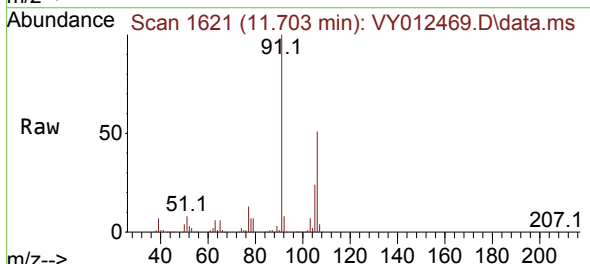
Acq: 03 Feb 2023 12:06

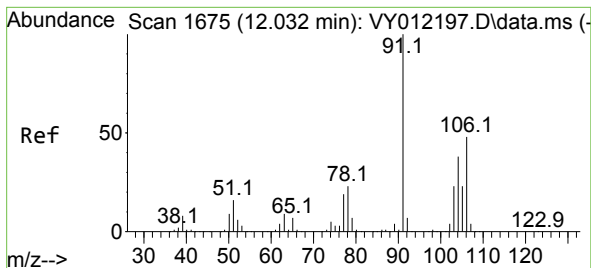
Tgt Ion:106 Resp: 142945

Ion Ratio Lower Upper

106 100

91 199.5 162.5 243.7





#69

o-Xylene

Concen: 22.300 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

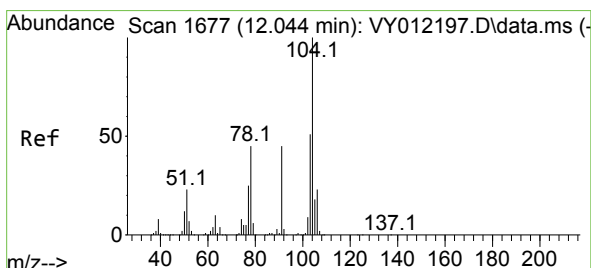
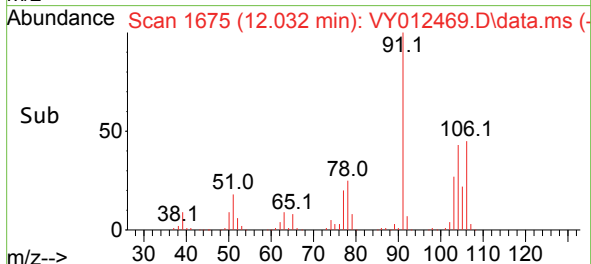
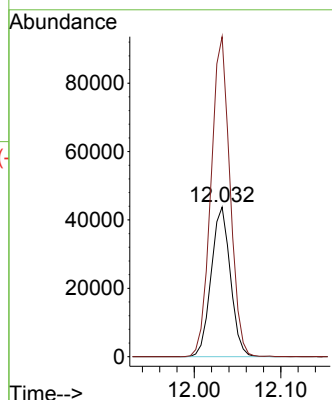
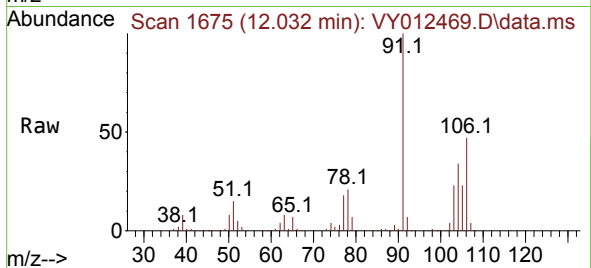
ClientSampleId :

Tgt Ion:106 Resp: 67372

Ion Ratio Lower Upper

106 100

91 212.0 107.5 322.4



#70

Styrene

Concen: 22.656 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

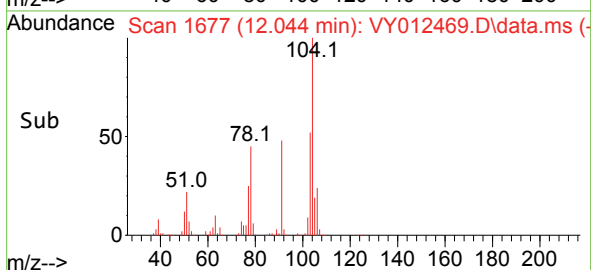
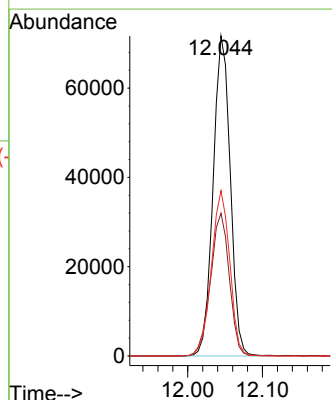
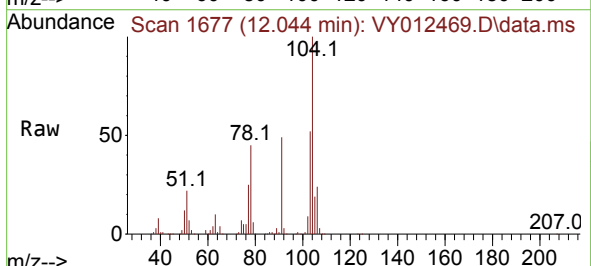
Tgt Ion:104 Resp: 114365

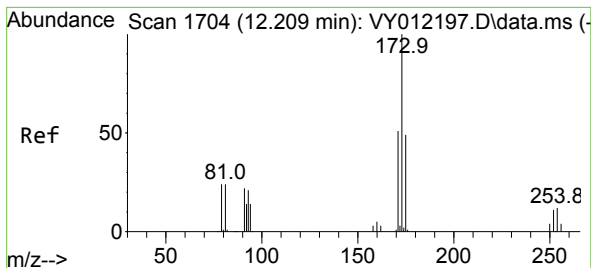
Ion Ratio Lower Upper

104 100

78 48.9 39.4 59.0

103 55.0 43.0 64.4





#71

Bromoform

Concen: 22.311 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

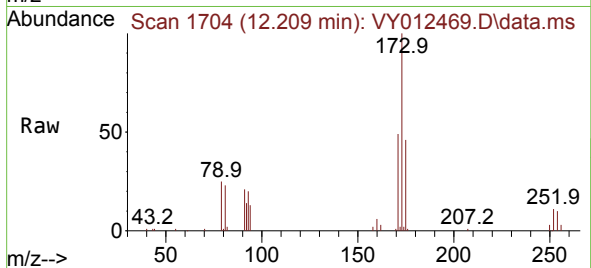
Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

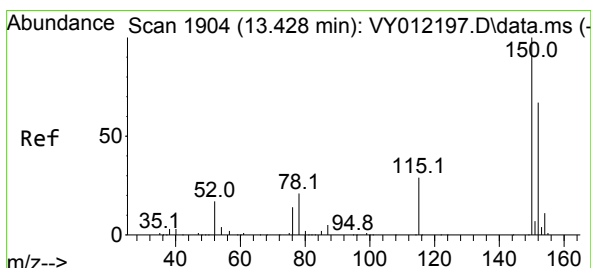
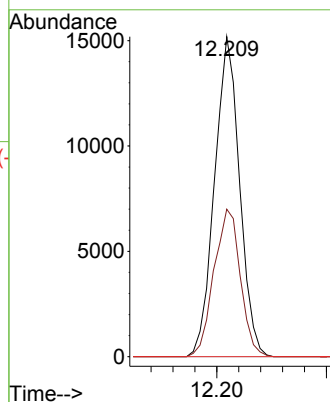
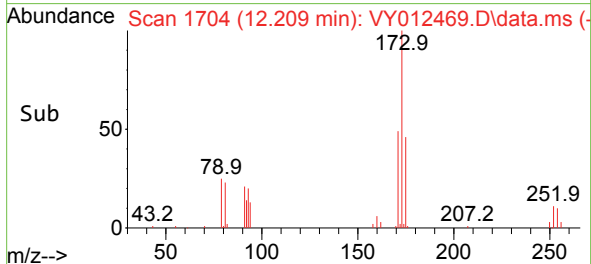
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	24084
Ion Ratio	Lower	Upper	
173	100		
175	48.6	23.8	71.5
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

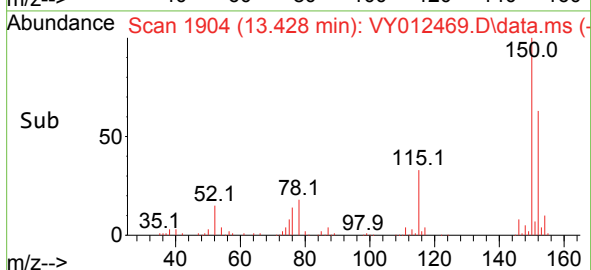
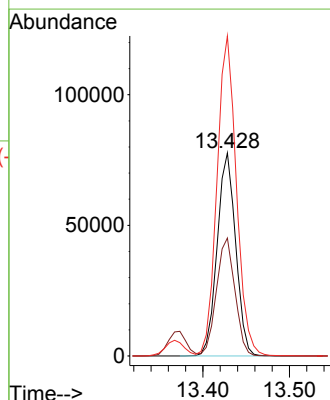
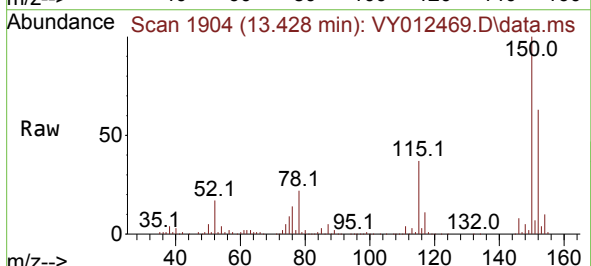
RT: 13.428 min Scan# 1904

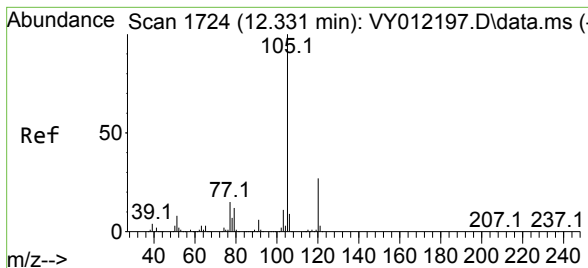
Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Tgt Ion:	152	Resp:	115337
Ion Ratio	Lower	Upper	
152	100		
115	58.0	29.1	87.3
150	165.5	0.0	342.6

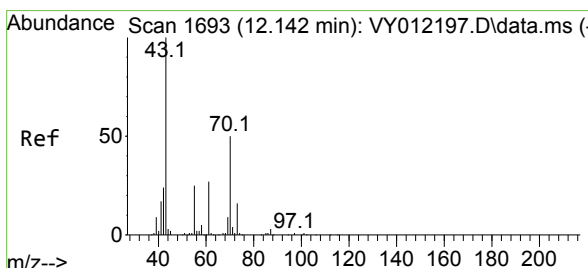
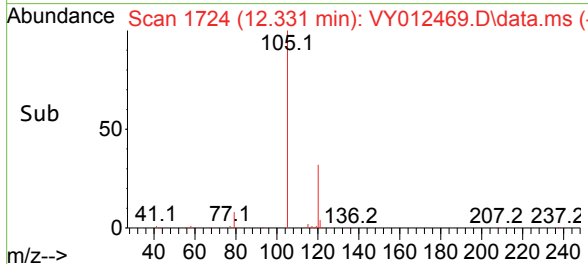
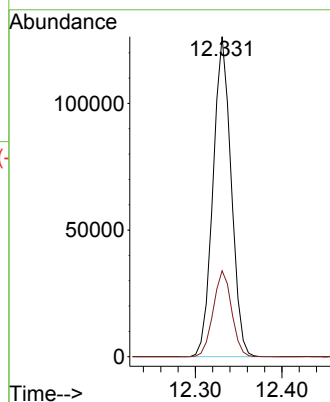
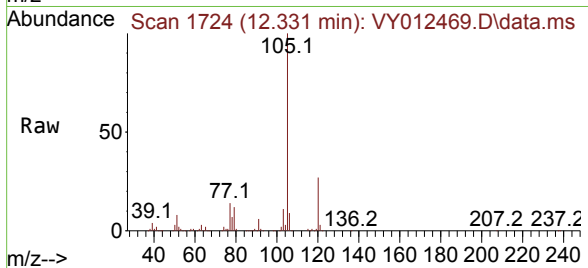




#73
Isopropylbenzene
Concen: 22.088 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

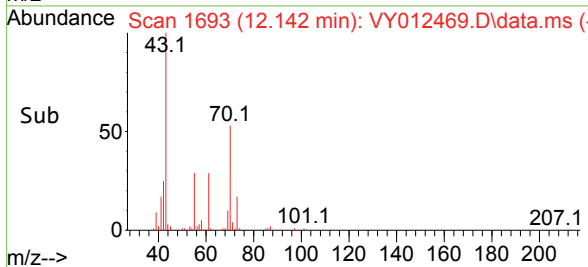
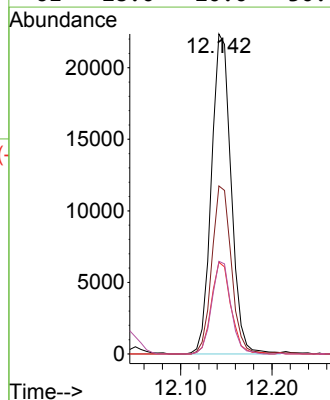
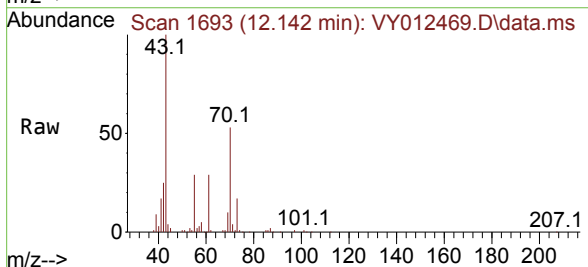
Instrument :
MSVOA_Y
ClientSampleId :

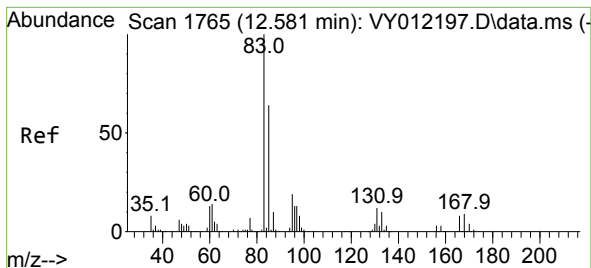
Tgt Ion:105 Resp: 183699
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.6



#74
N-ethyl acetate
Concen: 20.493 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 43 Resp: 33410
Ion Ratio Lower Upper
43 100
70 52.0 35.8 53.8
55 28.6 21.0 31.4
61 28.0 20.0 30.0





#75

1,1,2-Tetrachloroethane

Concen: 22.077 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

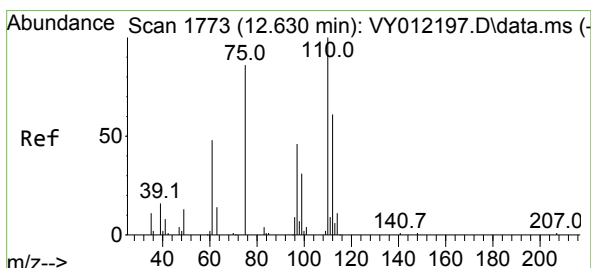
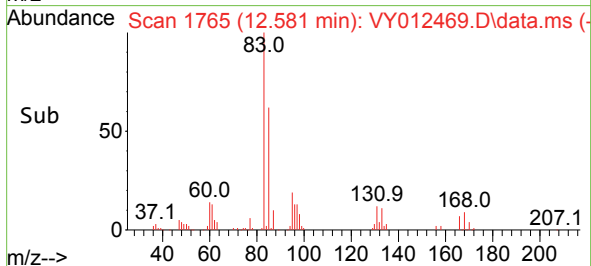
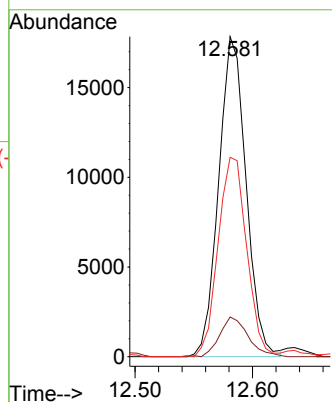
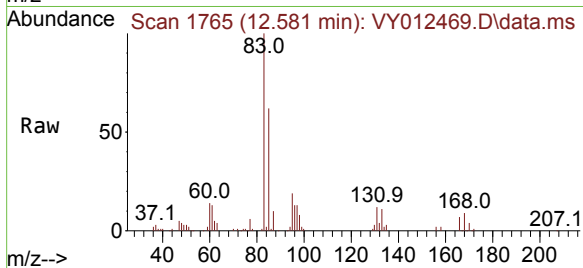
Tgt Ion: 83 Resp: 28921

Ion Ratio Lower Upper

83 100

131 12.9 5.6 16.8

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 40.454 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY012469.D

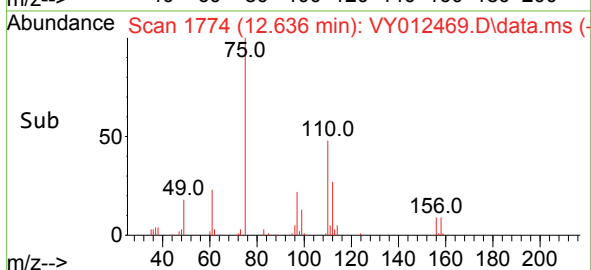
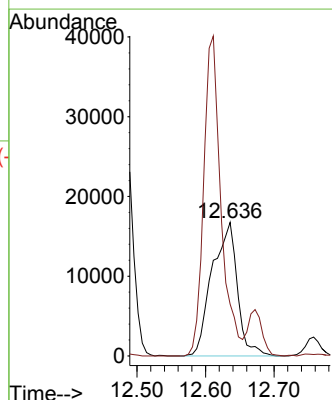
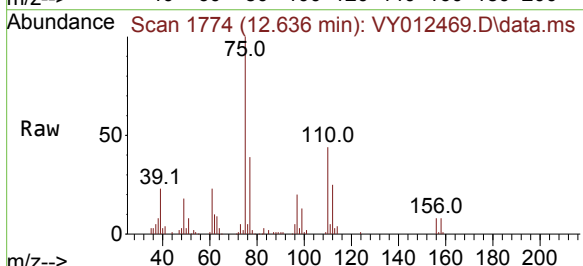
Acq: 03 Feb 2023 12:06

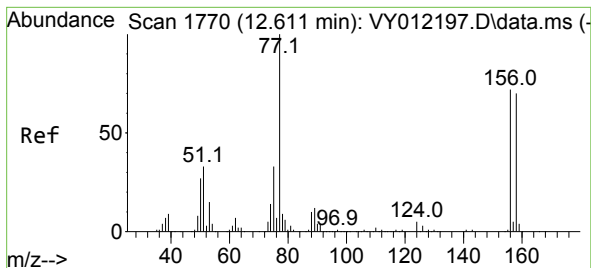
Tgt Ion: 75 Resp: 42904

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.647 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

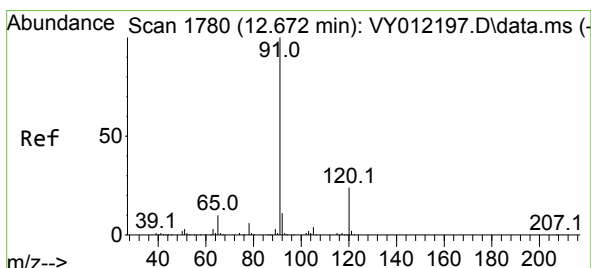
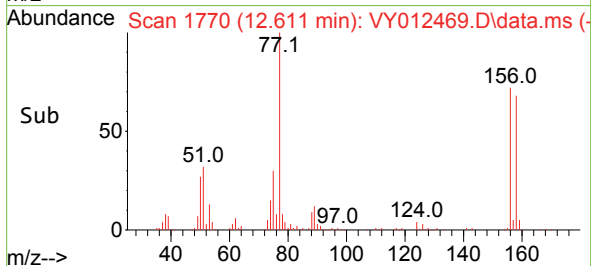
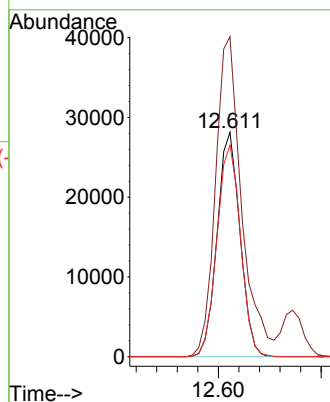
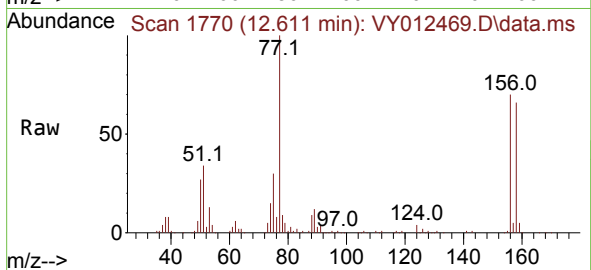
Tgt Ion:156 Resp: 43322

Ion Ratio Lower Upper

156 100

77 163.3 90.0 270.0

158 97.6 48.4 145.2



#78

n-propylbenzene

Concen: 22.140 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012469.D

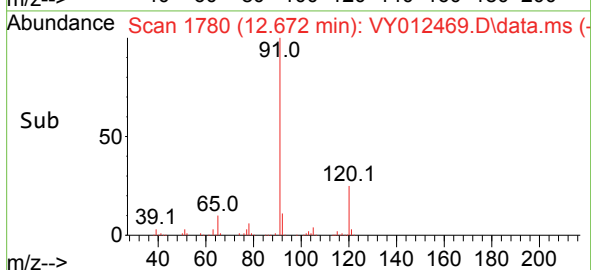
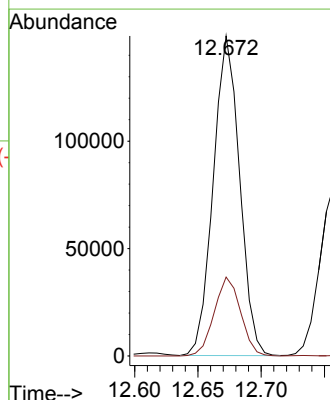
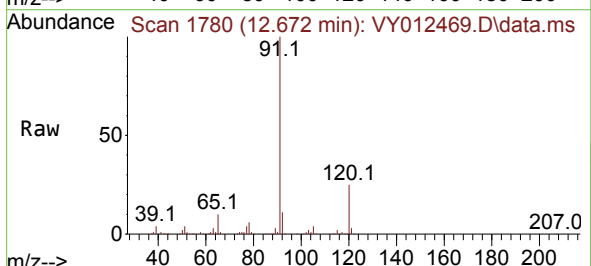
Acq: 03 Feb 2023 12:06

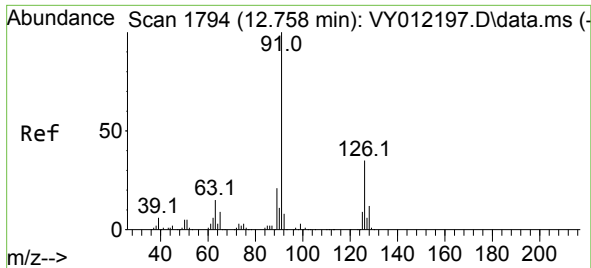
Tgt Ion: 91 Resp: 215472

Ion Ratio Lower Upper

91 100

120 24.7 11.8 35.4

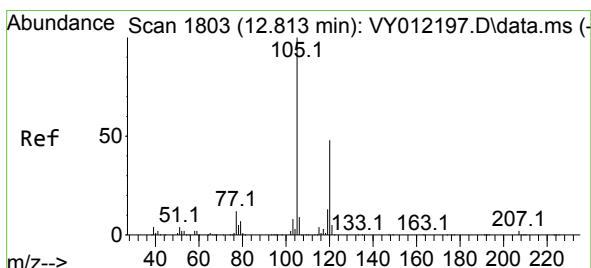
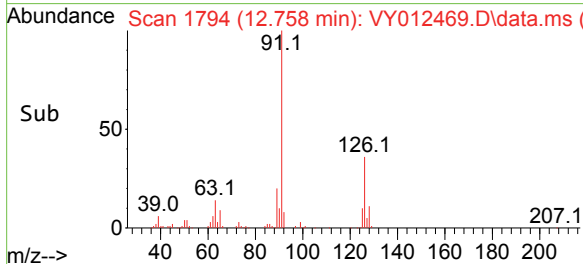
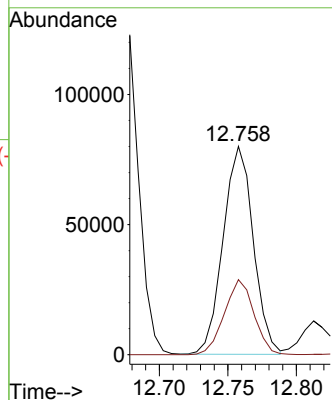
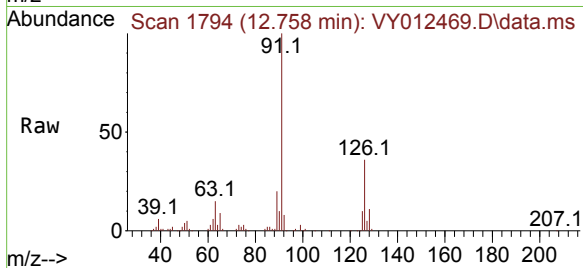




#79
2-Chlorotoluene
Concen: 22.299 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

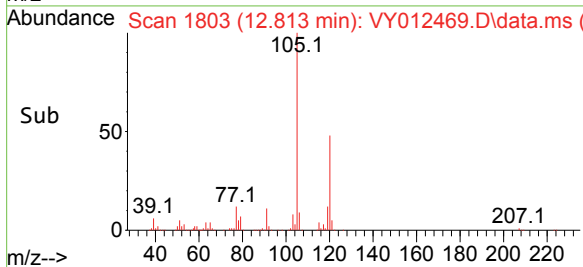
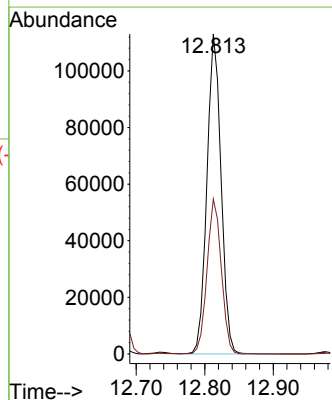
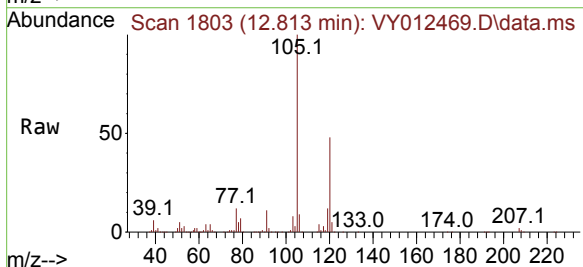
Instrument :
MSVOA_Y
ClientSampleId :

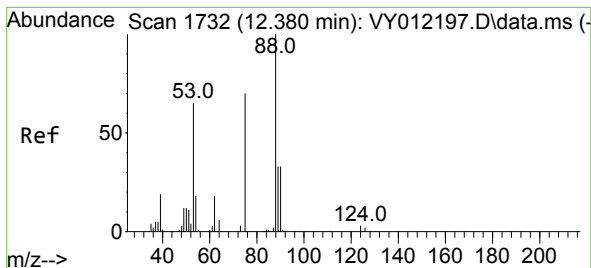
Tgt Ion: 91 Resp: 122700
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 22.447 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 105 Resp: 162289
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

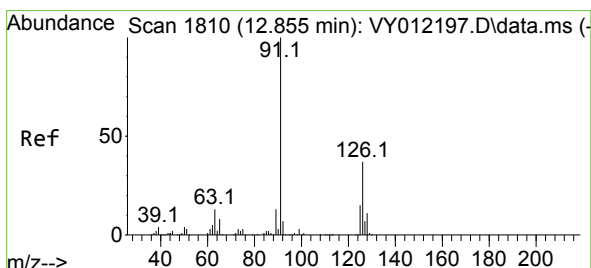
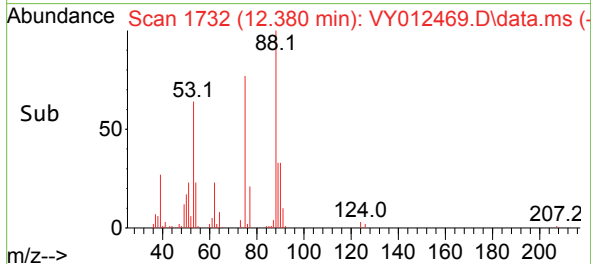
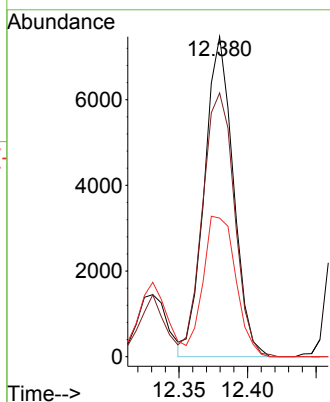
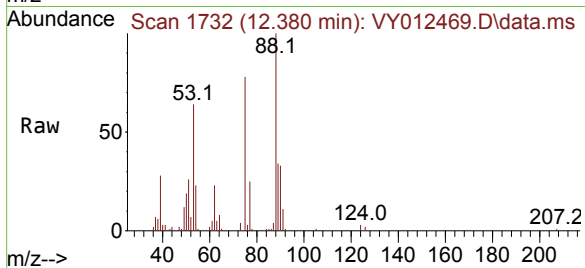




#81
 trans-1,4-Dichloro-2-butene
 Concen: 21.285 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. 0.006 min
 Lab File: VY012469.D
 Acq: 03 Feb 2023 12:06

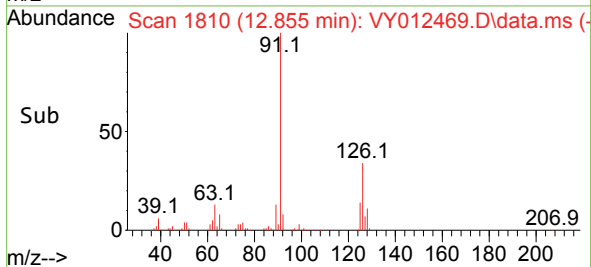
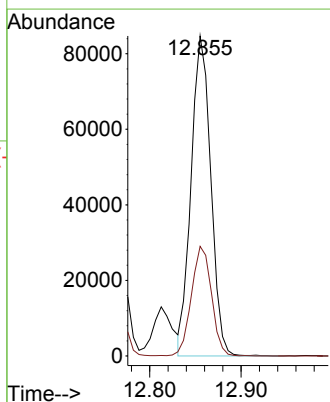
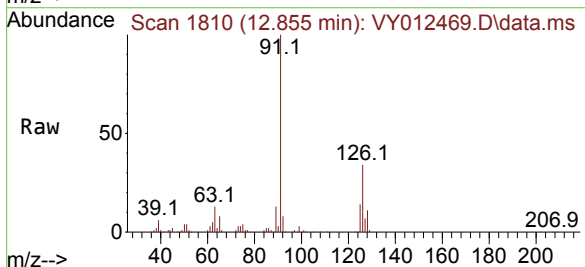
Instrument :
 MSVOA_Y
 ClientSampleId :

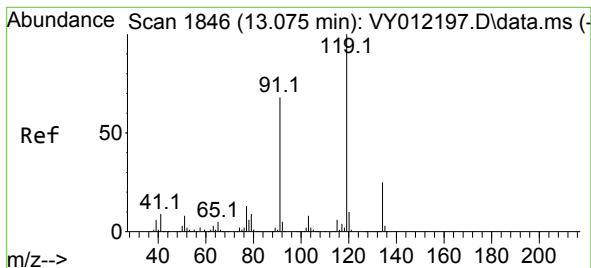
Tgt Ion: 75 Resp: 10956
 Ion Ratio Lower Upper
 75 100
 53 91.3 72.5 108.7
 89 49.3 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 21.961 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY012469.D
 Acq: 03 Feb 2023 12:06

Tgt Ion: 91 Resp: 126937
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.877 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

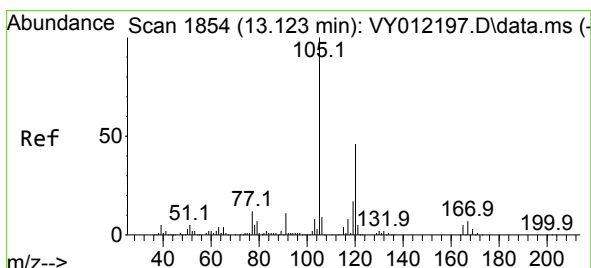
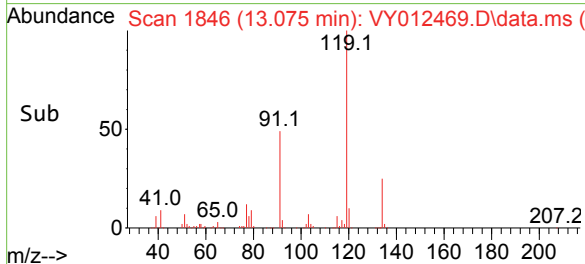
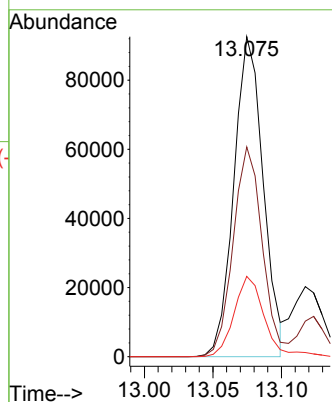
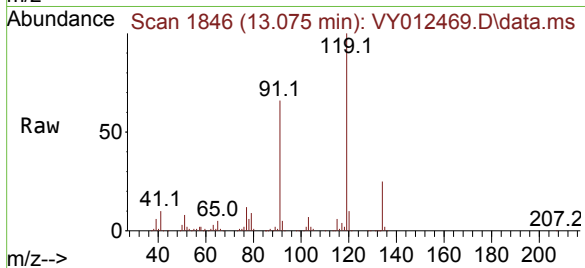
Tgt Ion:119 Resp: 137856

Ion Ratio Lower Upper

119 100

91 65.5 32.3 96.8

134 26.0 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 22.254 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012469.D

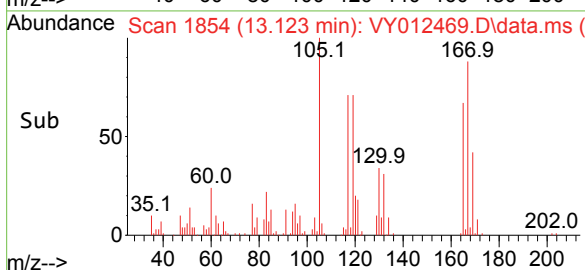
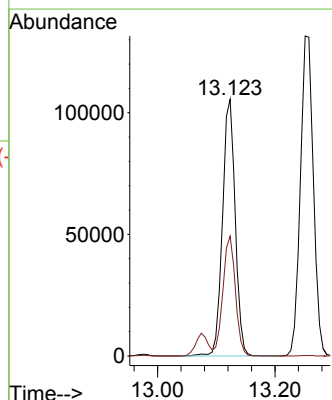
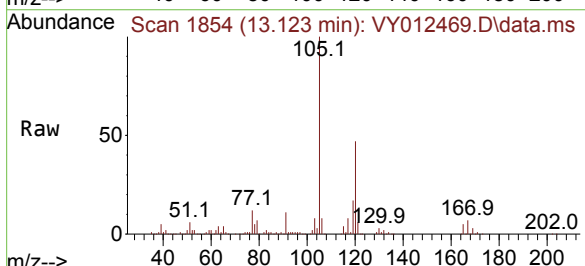
Acq: 03 Feb 2023 12:06

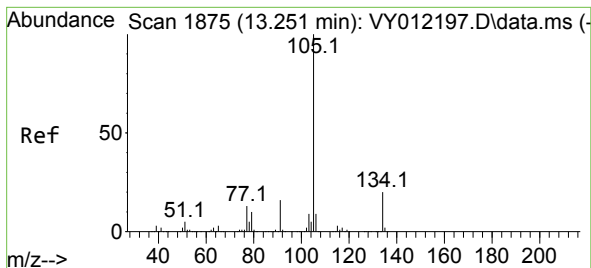
Tgt Ion:105 Resp: 158673

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 22.496 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

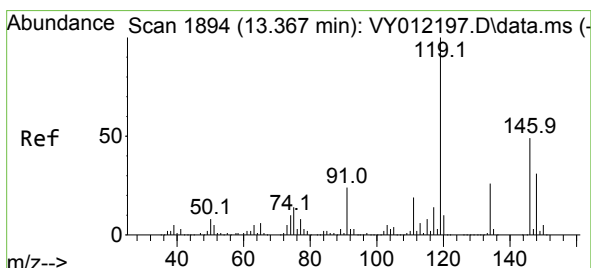
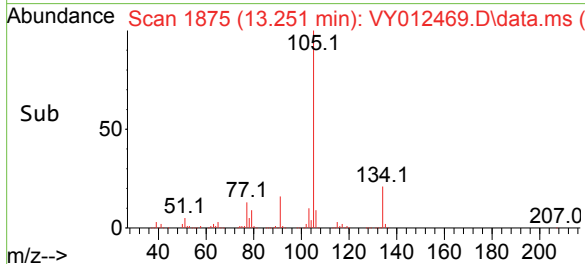
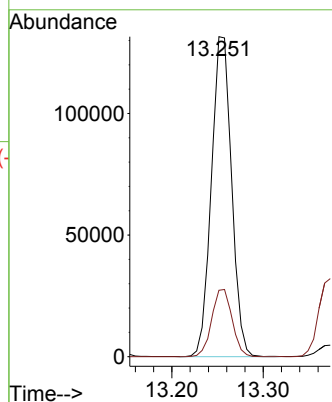
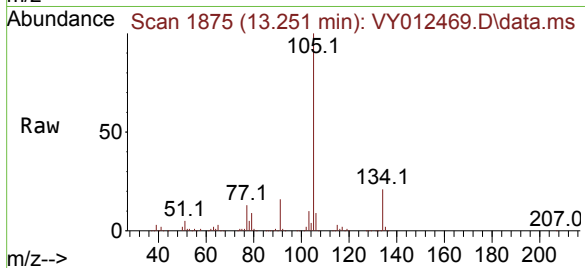
ClientSampleId :

Tgt Ion:105 Resp: 201831

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 22.348 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

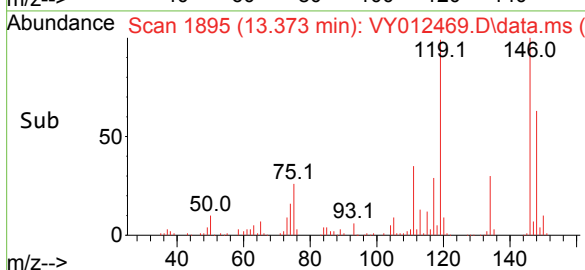
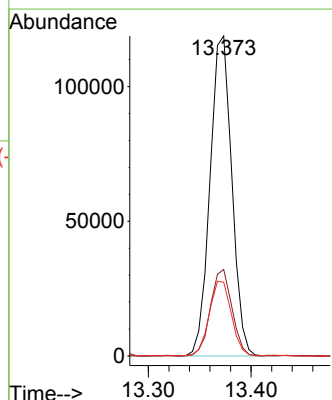
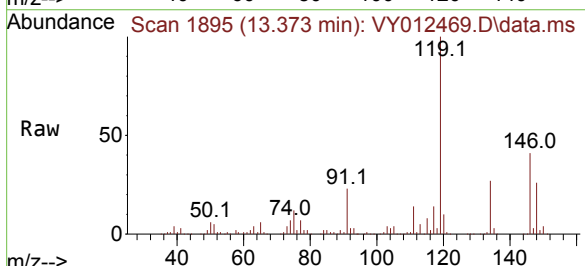
Tgt Ion:119 Resp: 175178

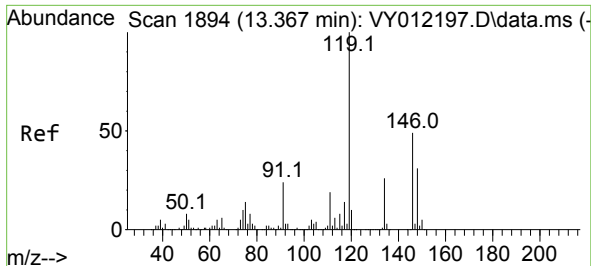
Ion Ratio Lower Upper

119 100

134 26.7 13.0 39.0

91 23.6 11.9 35.9

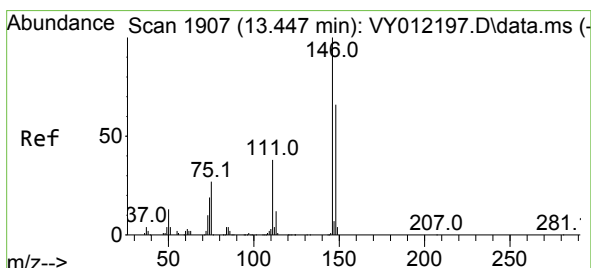
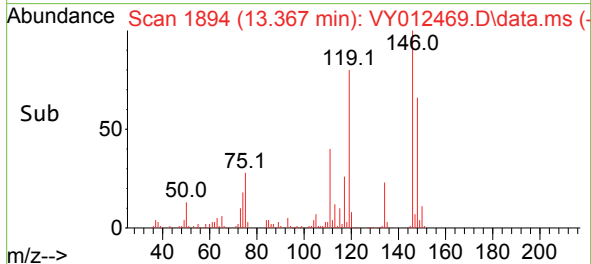
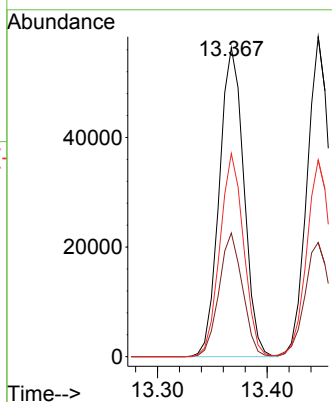
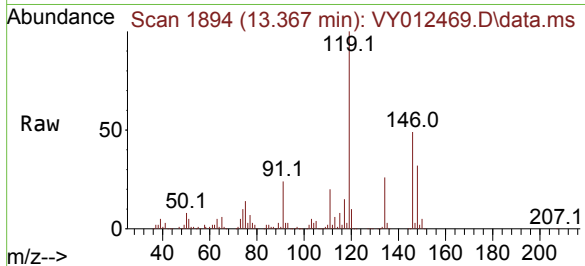




#87
1,3-Dichlorobenzene
Concen: 22.046 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

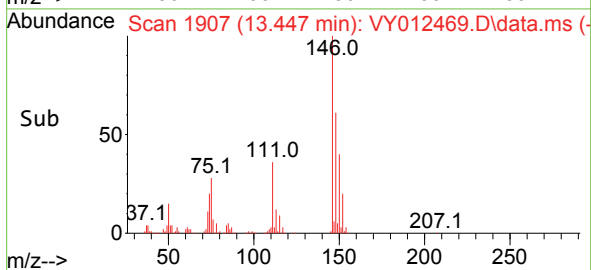
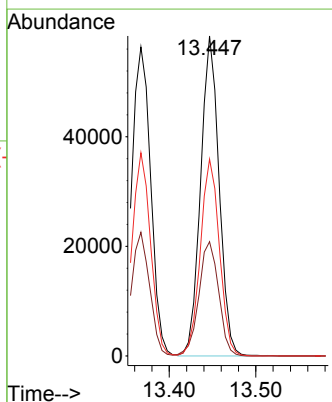
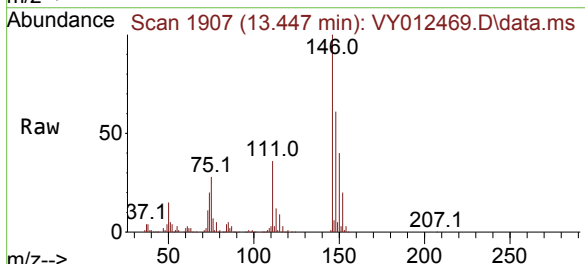
Instrument :
MSVOA_Y
ClientSampleId :

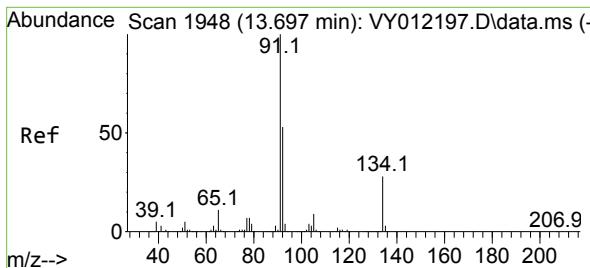
Tgt Ion:146 Resp: 87748
Ion Ratio Lower Upper
146 100
111 38.4 19.7 59.0
148 63.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 21.812 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion:146 Resp: 86584
Ion Ratio Lower Upper
146 100
111 38.3 19.6 58.7
148 63.4 31.9 95.7





#89

n-Butylbenzene

Concen: 22.414 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

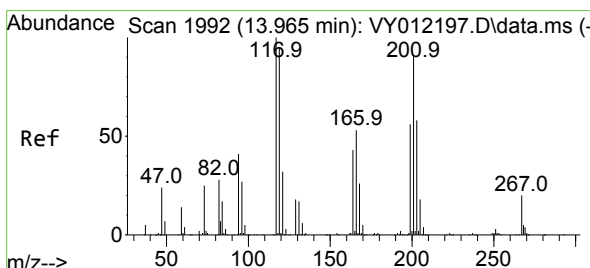
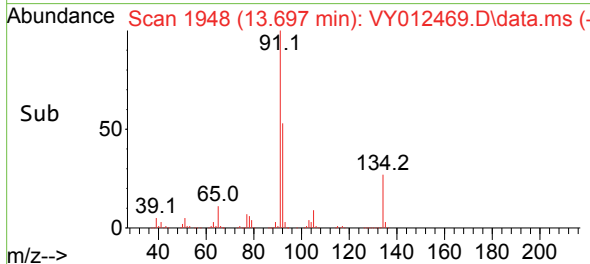
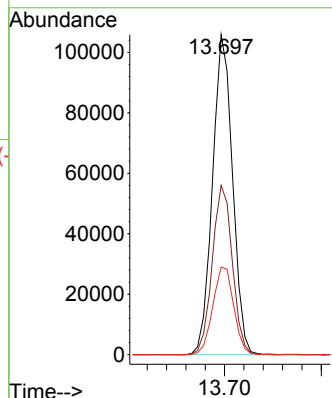
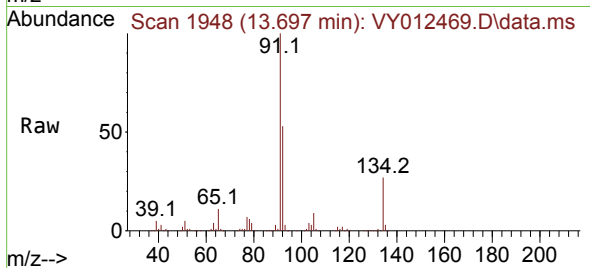
Tgt Ion: 91 Resp: 152256

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 28.6 13.3 39.8



#90

Hexachloroethane

Concen: 22.394 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012469.D

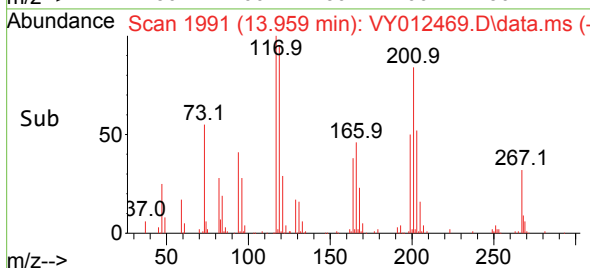
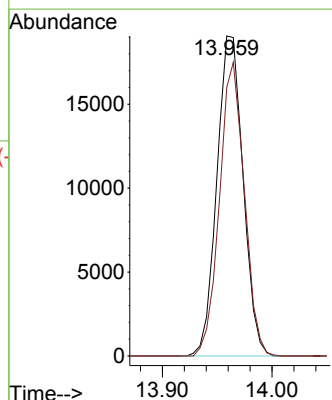
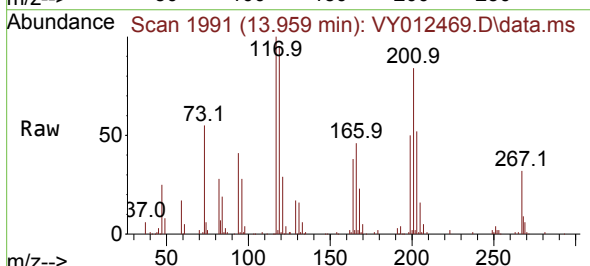
Acq: 03 Feb 2023 12:06

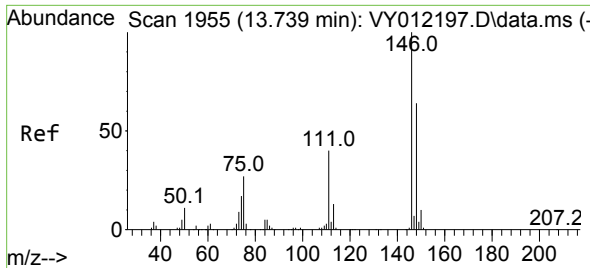
Tgt Ion: 117 Resp: 31689

Ion Ratio Lower Upper

117 100

201 87.0 40.3 120.8

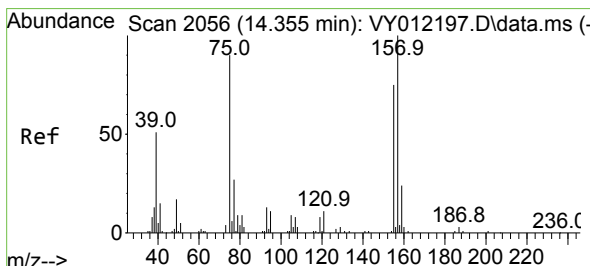
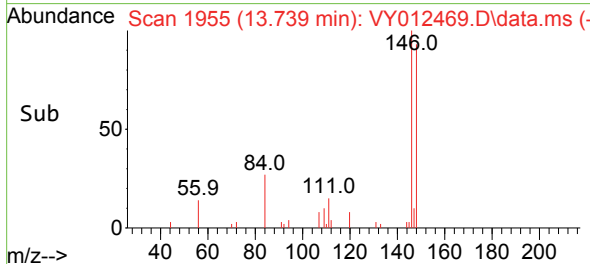
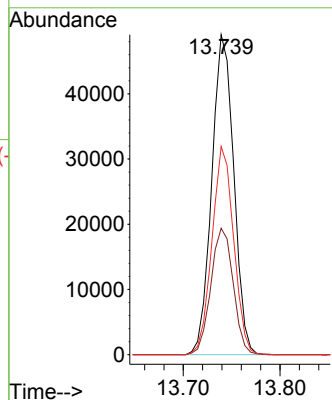
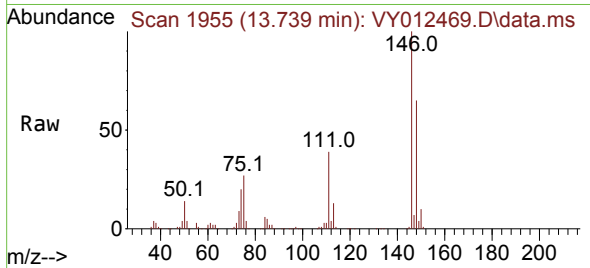




#91
1,2-Dichlorobenzene
Concen: 21.853 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

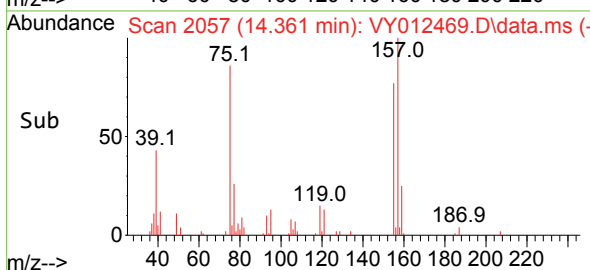
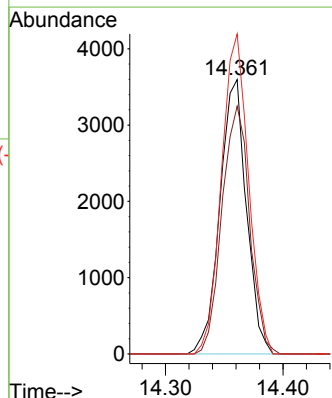
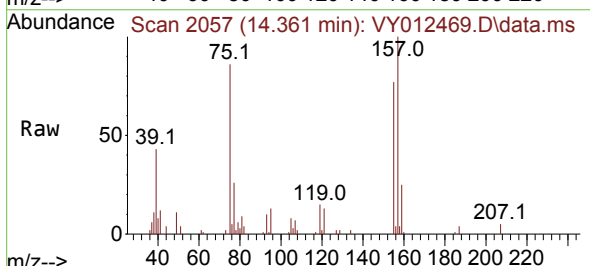
Instrument :
MSVOA_Y
ClientSampleId :

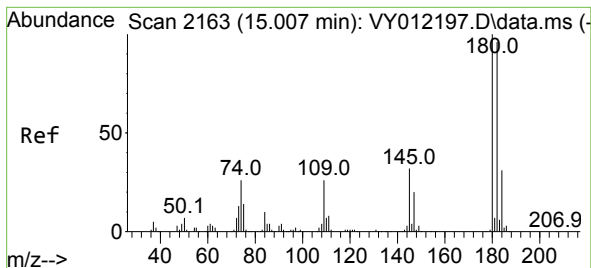
Tgt Ion:146 Resp: 77611
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.8
148 64.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.896 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012469.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 75 Resp: 5657
Ion Ratio Lower Upper
75 100
155 93.7 42.3 126.8
157 118.6 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 21.297 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

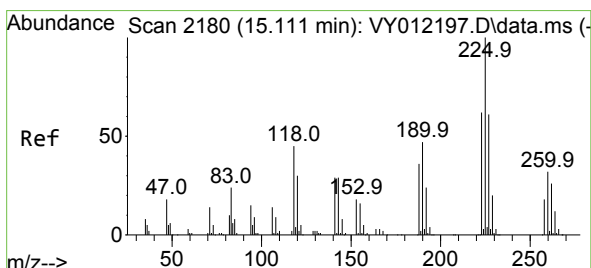
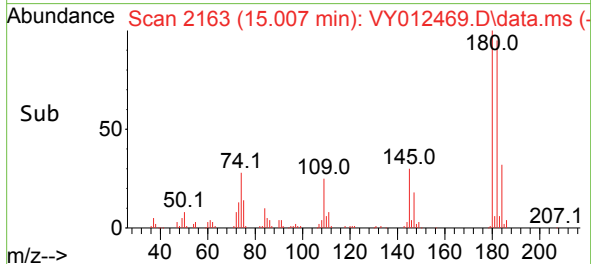
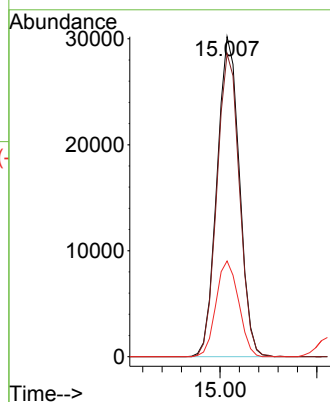
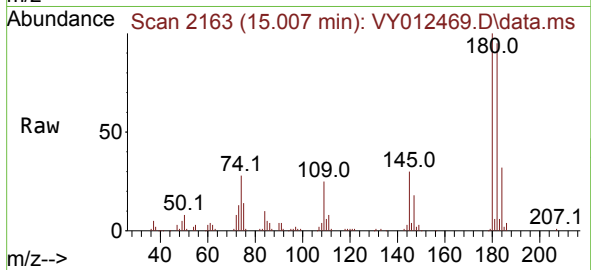
Tgt Ion:180 Resp: 48465

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 30.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 22.770 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

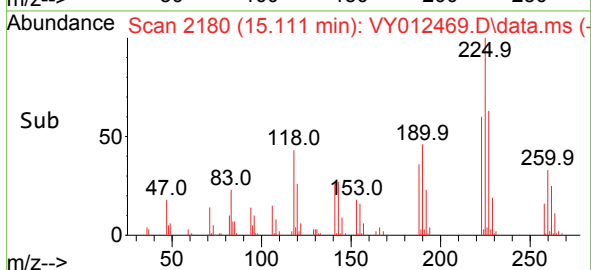
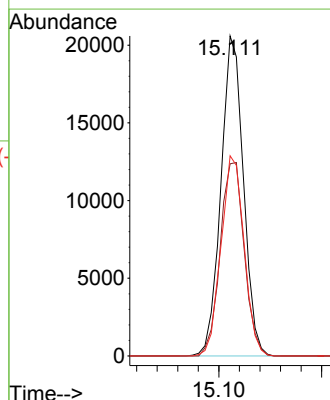
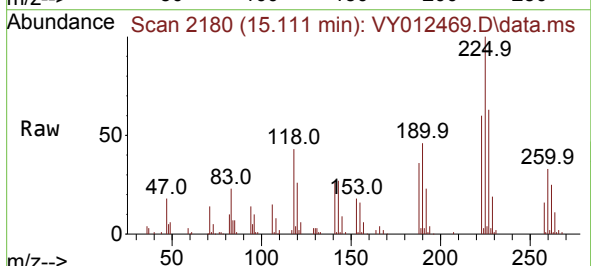
Tgt Ion:225 Resp: 31198

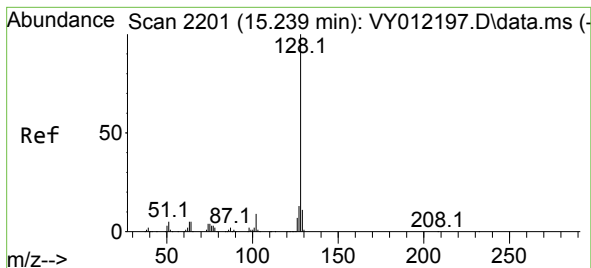
Ion Ratio Lower Upper

225 100

223 64.7 31.4 94.2

227 64.2 32.6 97.8





#95

Naphthalene

Concen: 19.933 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

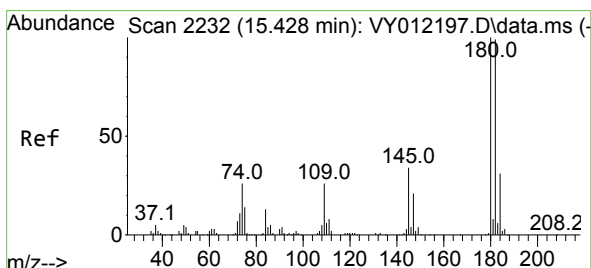
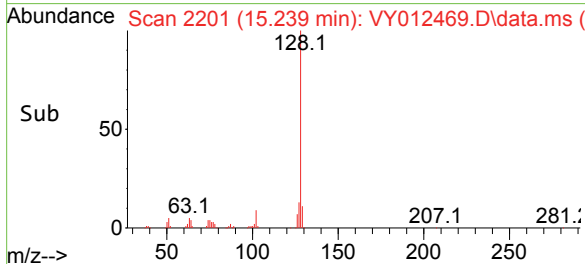
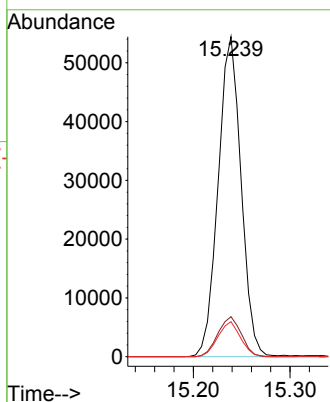
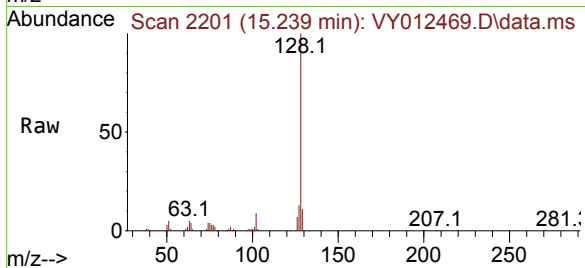
Tgt Ion:128 Resp: 89530

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.821 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012469.D

Acq: 03 Feb 2023 12:06

Tgt Ion:180 Resp: 40772

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 33.4 16.1 48.2

