

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016610.D
 Acq On : 06 Dec 2023 12:38
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Quant Time: Dec 07 00:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	213028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	306151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	265377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	132214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	95497	48.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.000%
35) Dibromofluoromethane	7.740	113	90988	49.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.197	98	351404	50.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.495	95	119540	52.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	38214	20.308	ug/l	94
3) Chloromethane	2.125	50	28746	14.726	ug/l	93
4) Vinyl Chloride	2.265	62	30019	15.228	ug/l	100
5) Bromomethane	2.668	94	20544	16.637	ug/l	99
6) Chloroethane	2.814	64	19347	15.888	ug/l	96
7) Trichlorofluoromethane	3.143	101	73602	19.750	ug/l	100
8) Diethyl Ether	3.546	74	17712	17.065	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.918	101	38451	18.450	ug/l	96
10) Methyl Iodide	4.119	142	41579	18.883	ug/l	97
11) Tert butyl alcohol	4.978	59	12200	90.941	ug/l #	84
12) 1,1-Dichloroethene	3.893	96	34483	18.214	ug/l	86
13) Acrolein	3.747	56	15909	81.571	ug/l	100
14) Allyl chloride	4.503	41	45599	15.783	ug/l #	90
15) Acrylonitrile	5.186	53	33350	79.609	ug/l	99
16) Acetone	3.966	43	42067	94.415	ug/l	98
17) Carbon Disulfide	4.222	76	89104	16.787	ug/l	100
18) Methyl Acetate	4.503	43	24051	13.618	ug/l #	84
19) Methyl tert-butyl Ether	5.253	73	84116	18.075	ug/l	100
20) Methylene Chloride	4.747	84	37141	16.662	ug/l	86
21) trans-1,2-Dichloroethene	5.253	96	38140	17.915	ug/l	94
22) Diisopropyl ether	6.143	45	95552	16.081	ug/l #	89
23) Vinyl Acetate	6.088	43	232646	81.558	ug/l #	92
24) 1,1-Dichloroethane	6.045	63	61308	16.794	ug/l #	92
25) 2-Butanone	7.009	43	52142	85.106	ug/l #	87
26) 2,2-Dichloropropane	7.009	77	64324	18.743	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	42664	18.206	ug/l	91
28) Bromochloromethane	7.356	49	23315	15.768	ug/l #	67
29) Tetrahydrofuran	7.374	42	25694	73.558	ug/l #	85
30) Chloroform	7.527	83	70933	18.229	ug/l	96
31) Cyclohexane	7.807	56	55499	16.511	ug/l #	80
32) 1,1,1-Trichloroethane	7.728	97	72510	19.689	ug/l	97
36) 1,1-Dichloropropene	7.941	75	55012	19.642	ug/l	97
37) Ethyl Acetate	7.100	43	19876	16.960	ug/l #	96
38) Carbon Tetrachloride	7.923	117	69239	21.355	ug/l	97
39) Methylcyclohexane	9.203	83	64691	19.171	ug/l	92
40) Benzene	8.179	78	147238	18.652	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.374	41	26559	39.240	ug/l #	17
42) 1,2-Dichloroethane	8.258	62	44915	19.595	ug/l	96
43) Isopropyl Acetate	8.295	43	38126	16.864	ug/l #	89
44) Trichloroethene	8.959	130	47093	19.782	ug/l	87
45) 1,2-Dichloropropane	9.234	63	33580	17.669	ug/l	100
46) Dibromomethane	9.325	93	19434	18.653	ug/l	91
47) Bromodichloromethane	9.514	83	53825	19.405	ug/l	97
48) Methyl methacrylate	9.307	41	20350	15.586	ug/l #	89
49) 1,4-Dioxane	9.319	88	3771	357.585	ug/l #	62
51) 4-Methyl-2-Pentanone	10.087	43	96311	81.975	ug/l	94
52) Toluene	10.258	92	98102	19.828	ug/l	93
53) t-1,3-Dichloropropene	10.484	75	49235	18.808	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	56704	18.444	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	27992	19.287	ug/l	92
56) Ethyl methacrylate	10.526	69	24085	18.104	ug/l	87
57) 1,3-Dichloropropane	10.807	76	45730	18.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	74022	90.289	ug/l #	84
59) 2-Hexanone	10.843	43	81793	92.028	ug/l	91
60) Dibromochloromethane	11.002	129	37635	19.408	ug/l	98
61) 1,2-Dibromoethane	11.105	107	25759	18.870	ug/l	99
64) Tetrachloroethene	10.733	164	50181	20.633	ug/l	98
65) Chlorobenzene	11.532	112	106245	19.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	42343	20.156	ug/l	97
67) Ethyl Benzene	11.605	91	186994	19.398	ug/l	96
68) m/p-Xylenes	11.715	106	148736	40.644	ug/l	95
69) o-Xylene	12.044	106	69850	20.447	ug/l	94
70) Styrene	12.056	104	100184	20.439	ug/l	99
71) Bromoform	12.221	173	23353	20.586	ug/l #	100
73) Isopropylbenzene	12.343	105	195483	19.967	ug/l	99
74) N-amyl acetate	12.154	43	31747	16.263	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	26216	16.836	ug/l	94
76) 1,2,3-Trichloropropane	12.642	75	37858	31.698	ug/l #	100
77) Bromobenzene	12.623	156	47916	20.767	ug/l	81
78) n-propylbenzene	12.684	91	219800	19.289	ug/l	96
79) 2-Chlorotoluene	12.770	91	123158	19.180	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	162480	20.425	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	9419	17.790	ug/l	99
82) 4-Chlorotoluene	12.867	91	128533	19.345	ug/l	98
83) tert-Butylbenzene	13.087	119	149103	20.978	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	158651	20.418	ug/l	98
85) sec-Butylbenzene	13.264	105	200731	20.108	ug/l	97
86) p-Isopropyltoluene	13.385	119	177622	20.498	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	89372	20.291	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	88449	20.462	ug/l	100
89) n-Butylbenzene	13.709	91	153912	19.750	ug/l	94
90) Hexachloroethane	13.977	117	32829	19.254	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	74513	19.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4856	19.488	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	44556	20.880	ug/l	99
94) Hexachlorobutadiene	15.123	225	30992	22.988	ug/l	98
95) Naphthalene	15.251	128	70037	22.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	35736	22.798	ug/l	99

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBSD01

Quant Time: Dec 07 00:31:20 2023
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QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration

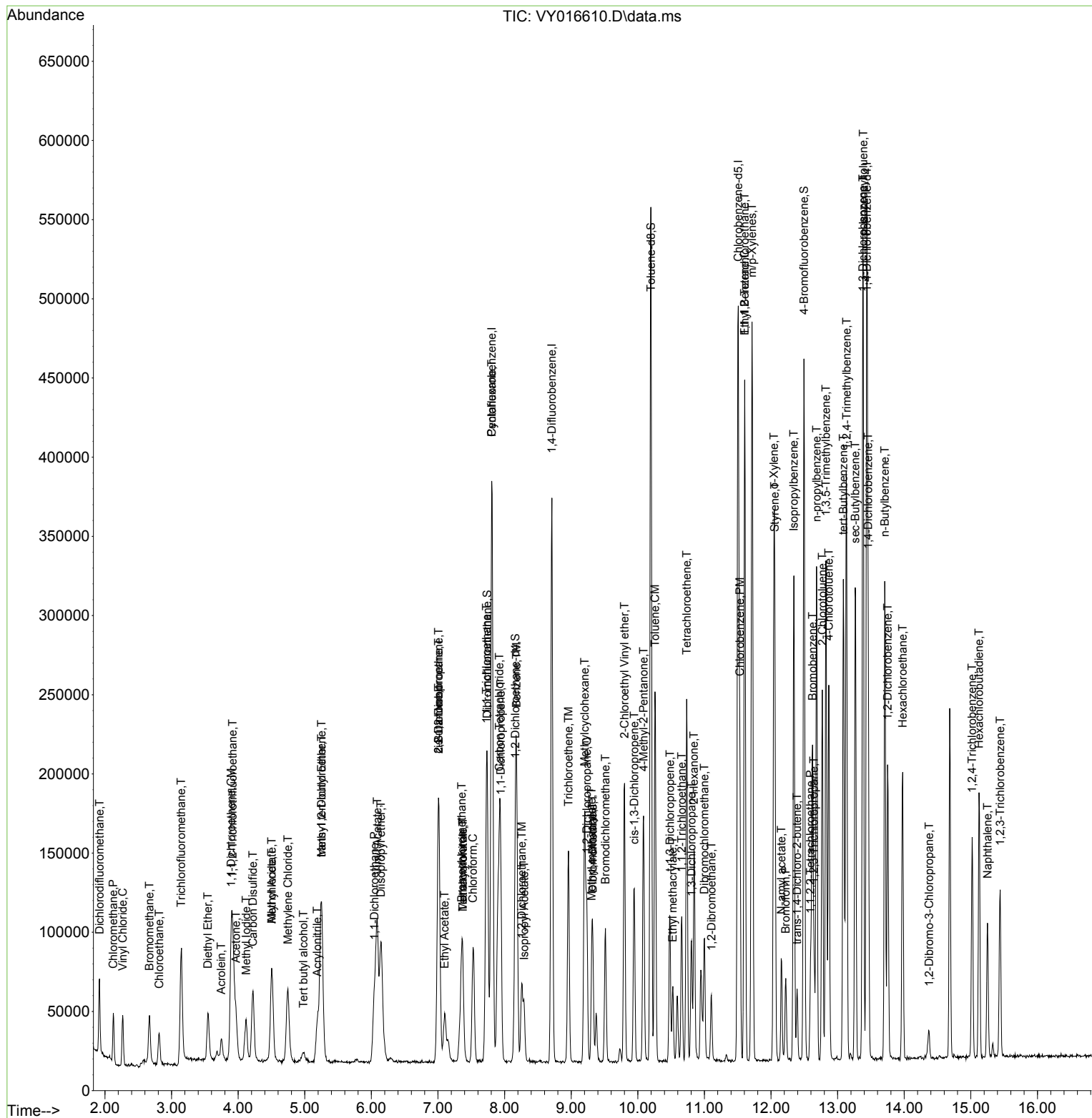
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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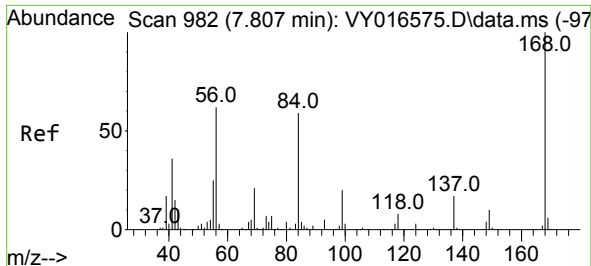
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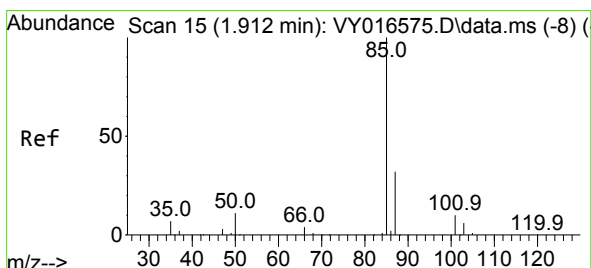
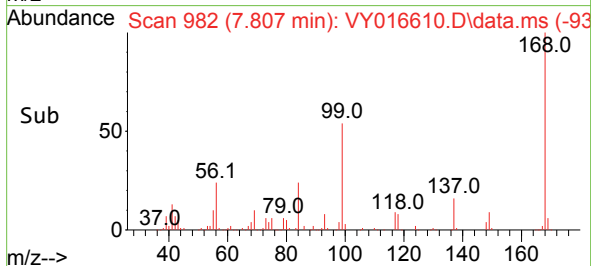
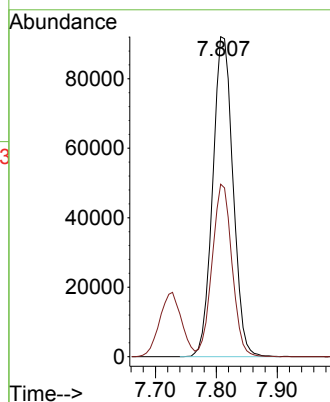
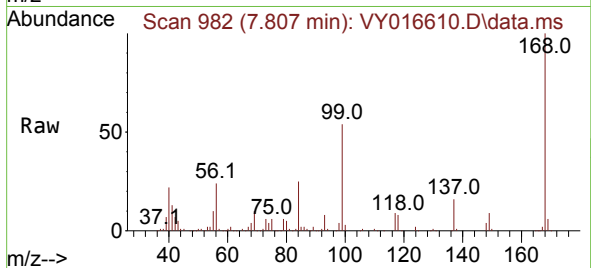




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

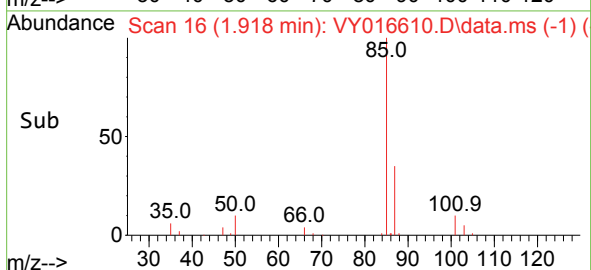
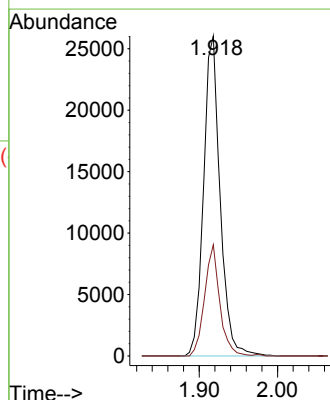
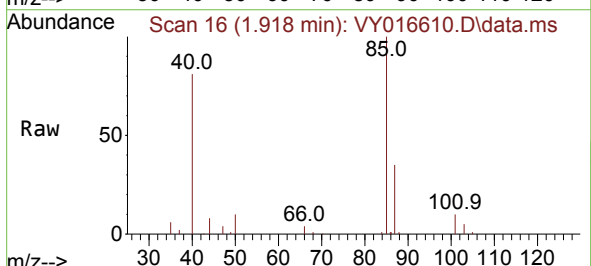
Instrument :
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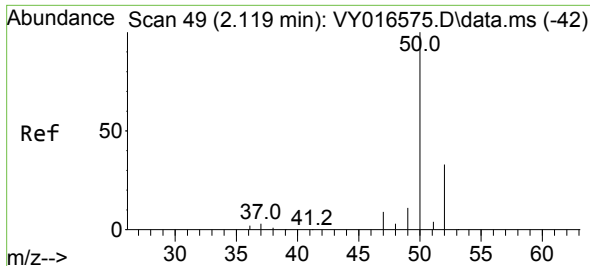
Tgt Ion:168 Resp: 213028
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.308 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 85 Resp: 38214
Ion Ratio Lower Upper
85 100
87 34.8 15.6 46.8

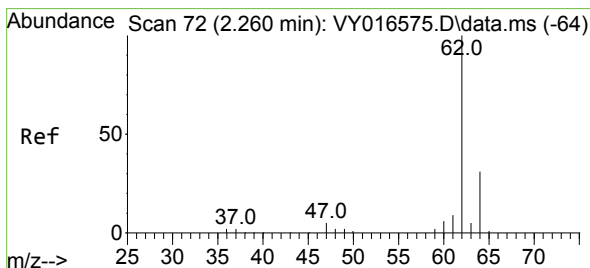
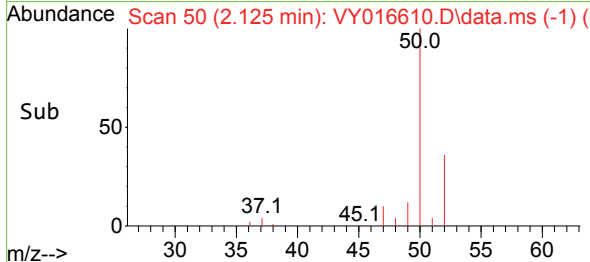
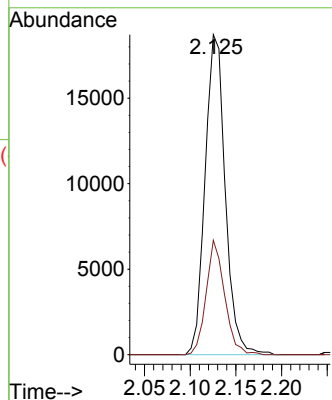
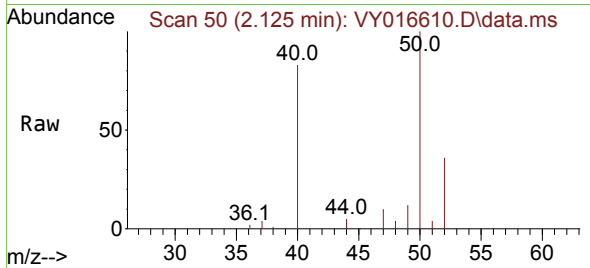




#3
Chloromethane
Concen: 14.726 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

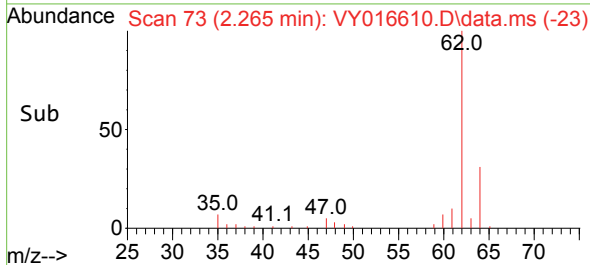
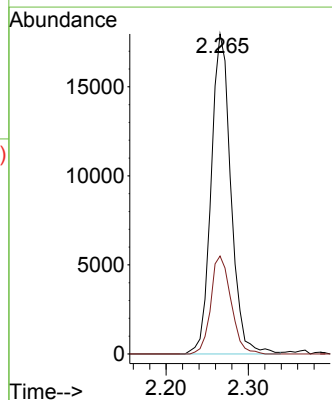
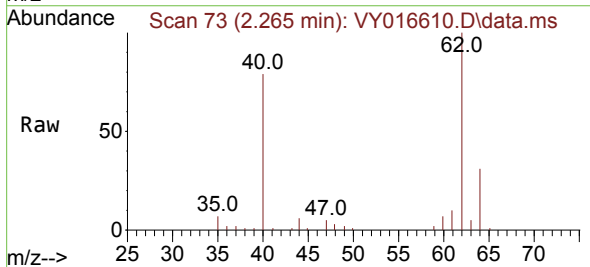
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

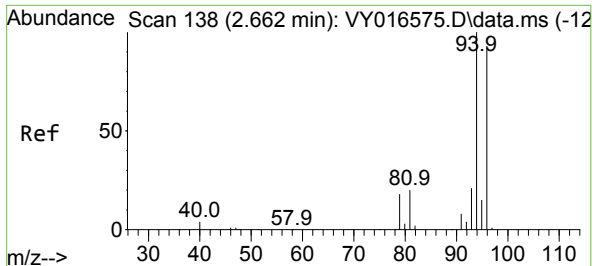
Tgt Ion: 50 Resp: 28746
Ion Ratio Lower Upper
50 100
52 35.8 25.4 38.2



#4
Vinyl Chloride
Concen: 15.228 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 62 Resp: 30019
Ion Ratio Lower Upper
62 100
64 30.6 24.3 36.5





#5

Bromomethane

Concen: 16.637 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

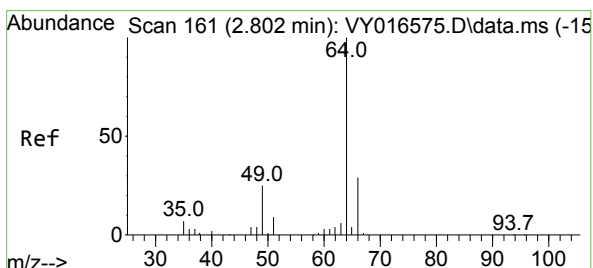
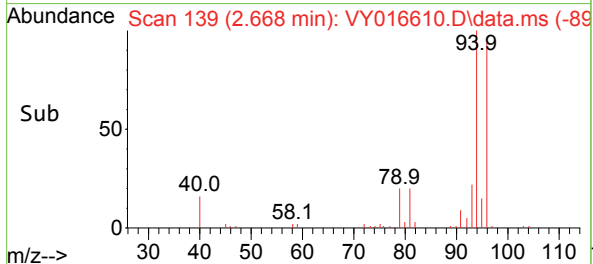
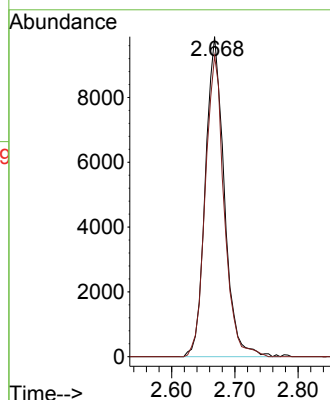
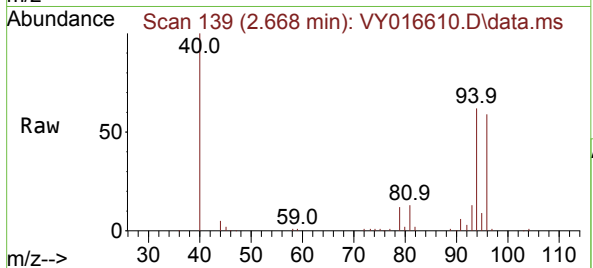
VY1206SBS01

Tgt Ion: 94 Resp: 20544

Ion Ratio Lower Upper

94 100

96 94.0 75.8 113.6



#6

Chloroethane

Concen: 15.888 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.012 min

Lab File: VY016610.D

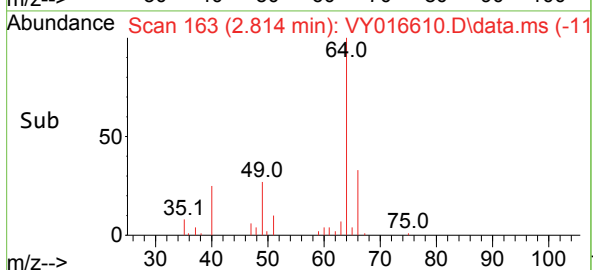
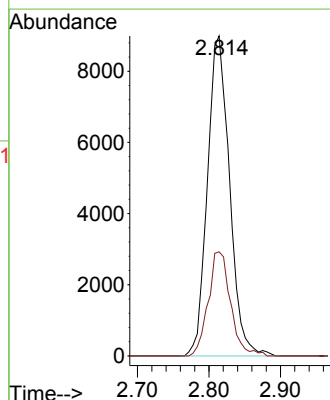
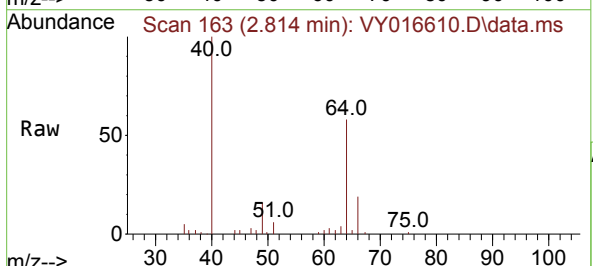
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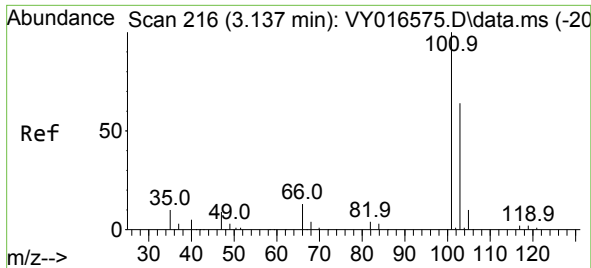
Tgt Ion: 64 Resp: 19347

Ion Ratio Lower Upper

64 100

66 32.5 24.4 36.6

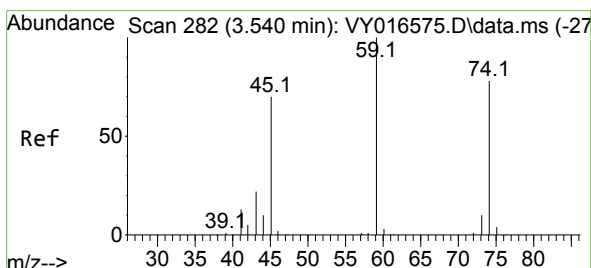
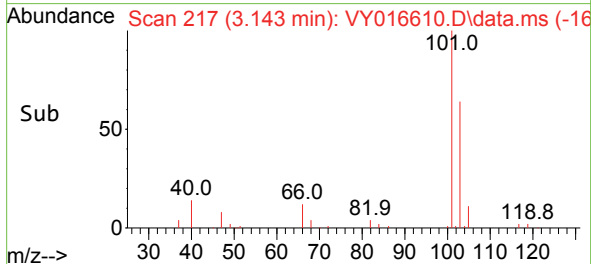
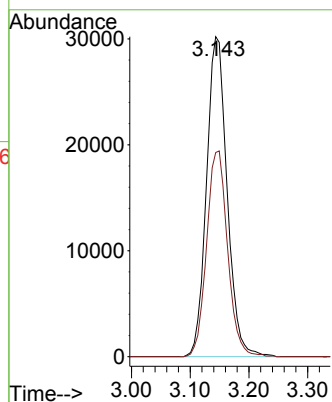
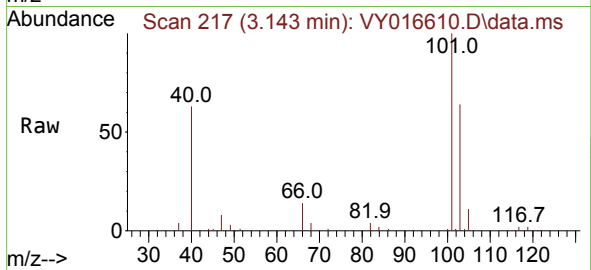




#7
 Trichlorofluoromethane
 Concen: 19.750 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

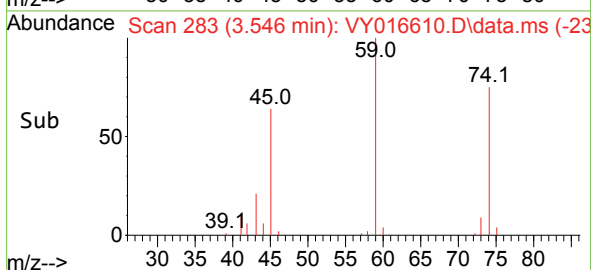
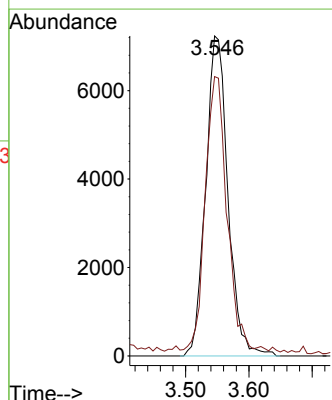
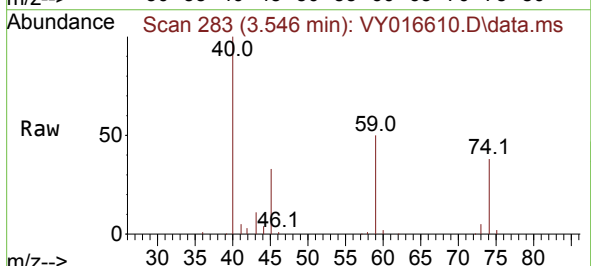
Instrument :
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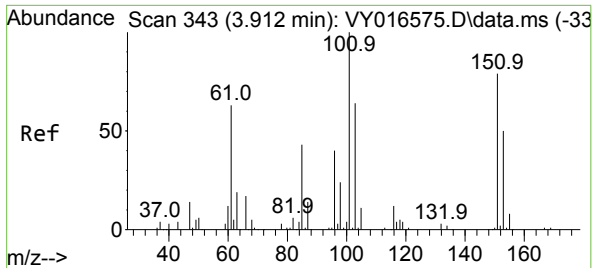
Tgt Ion:101 Resp: 73602
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 17.065 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

Tgt Ion: 74 Resp: 17712
 Ion Ratio Lower Upper
 74 100
 45 83.5 51.5 154.5

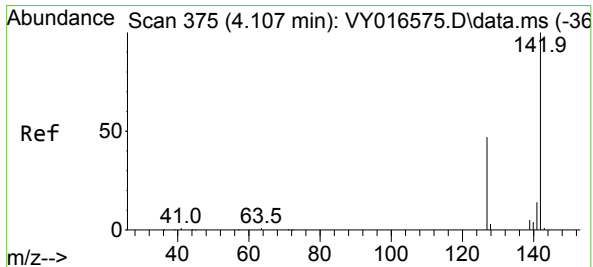
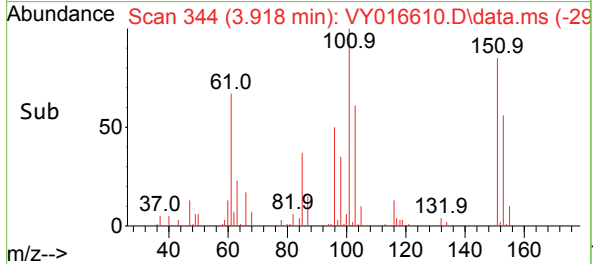
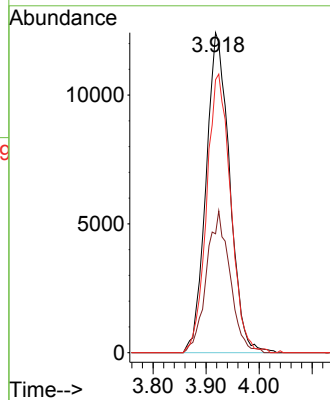
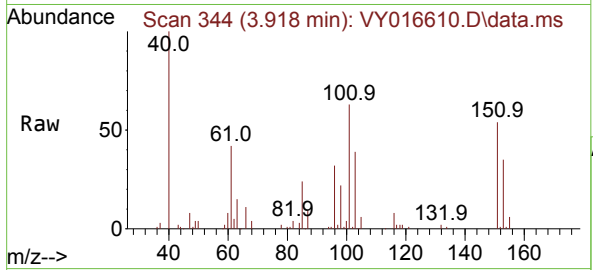




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.450 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

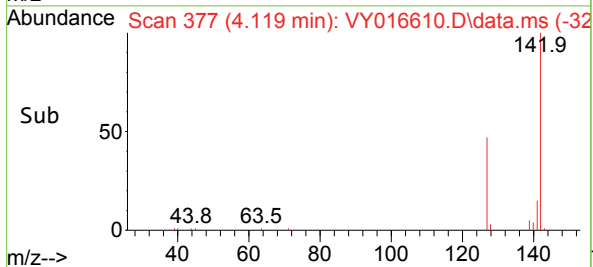
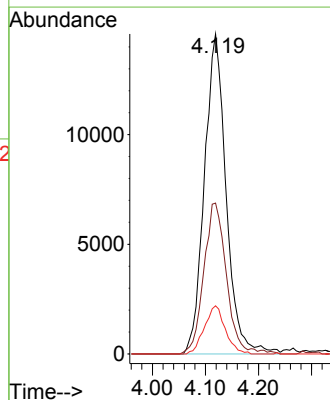
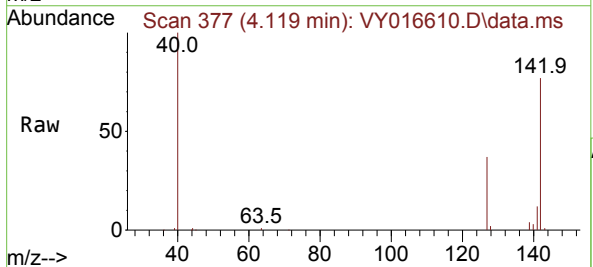
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

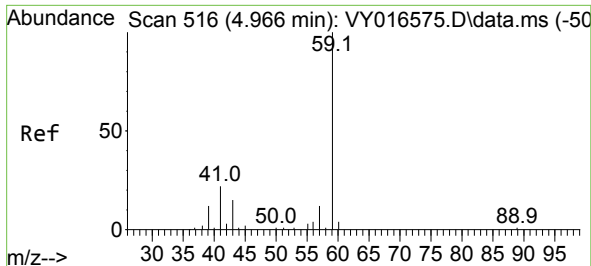
Tgt Ion:101 Resp: 38451
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 88.5 67.0 100.6



#10
Methyl Iodide
Concen: 18.883 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion:142 Resp: 41579
Ion Ratio Lower Upper
142 100
127 49.2 37.6 56.4
141 14.4 11.8 17.8

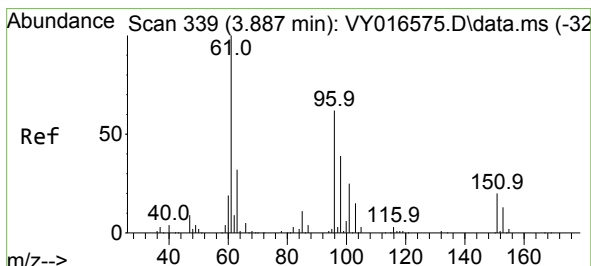
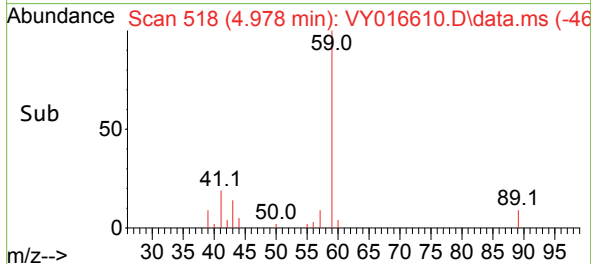
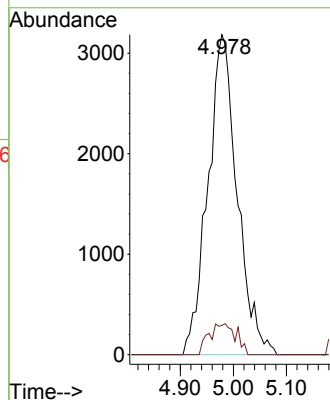
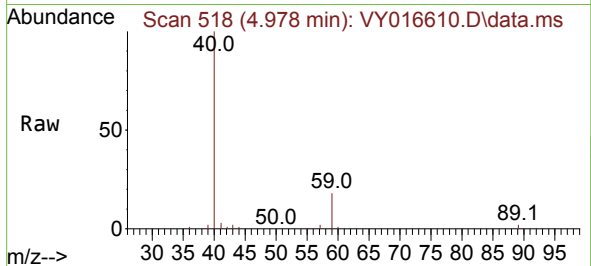




#11
Tert butyl alcohol
Concen: 90.941 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

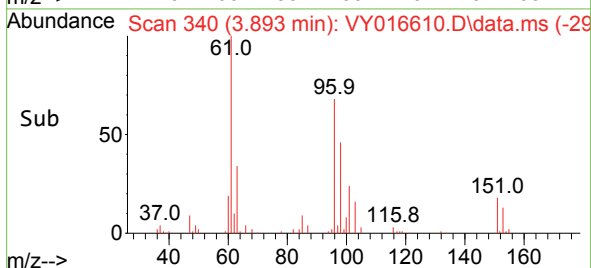
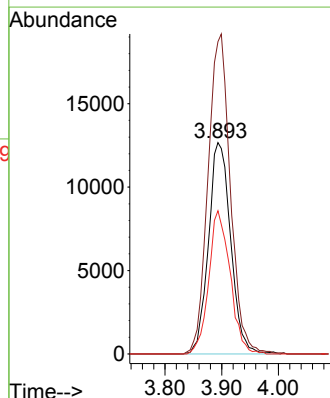
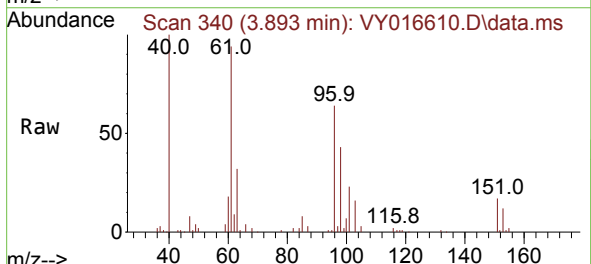
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

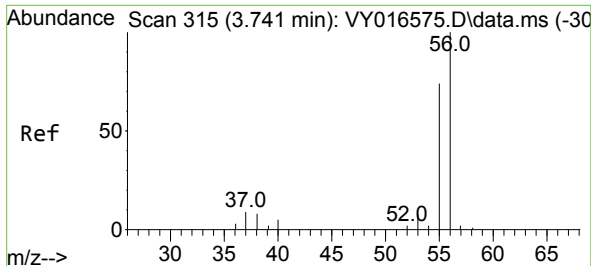
Tgt Ion: 59 Resp: 12200
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.214 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 96 Resp: 34483
Ion Ratio Lower Upper
96 100
61 147.8 136.4 204.6
98 67.7 49.4 74.2





#13

Acrolein

Concen: 81.571 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

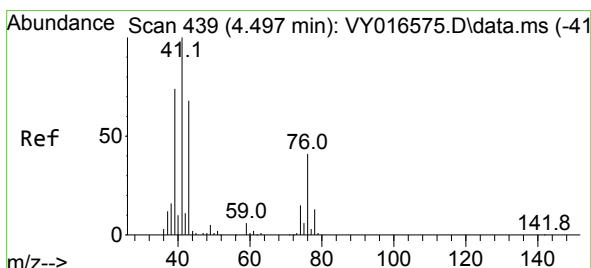
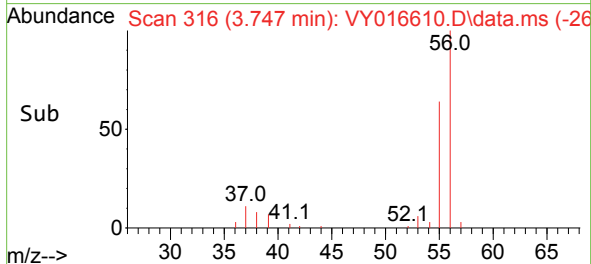
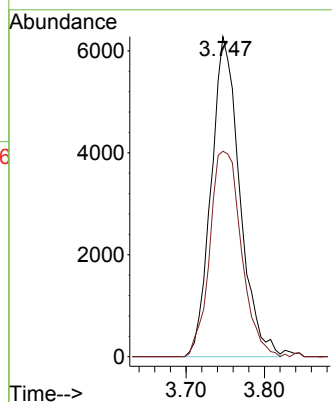
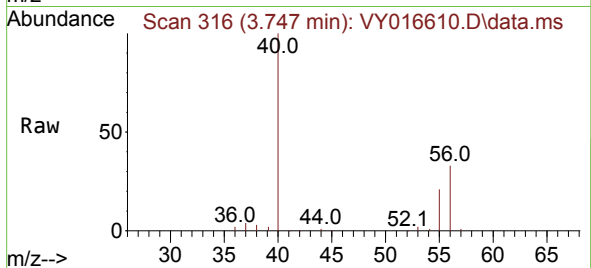
VY1206SBS01

Tgt Ion: 56 Resp: 15909

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 15.783 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

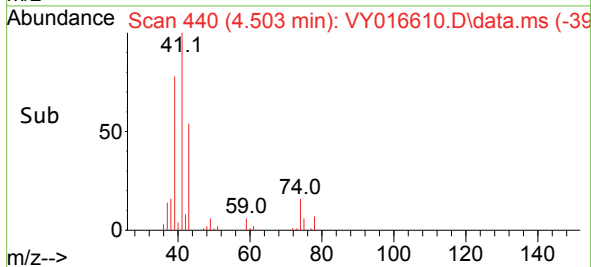
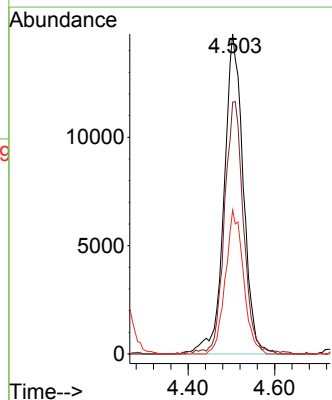
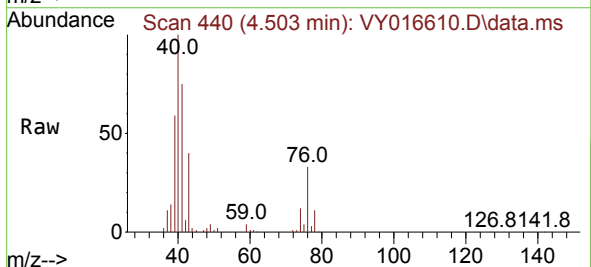
Tgt Ion: 41 Resp: 45599

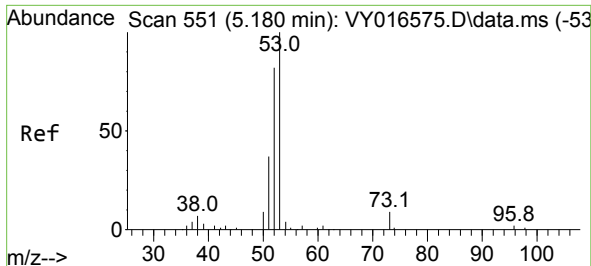
Ion Ratio Lower Upper

41 100

39 78.6 58.0 87.0

76 42.4 27.4 41.2#

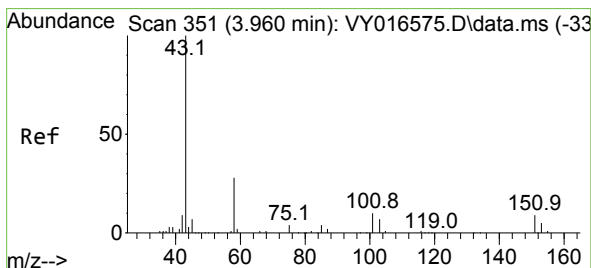
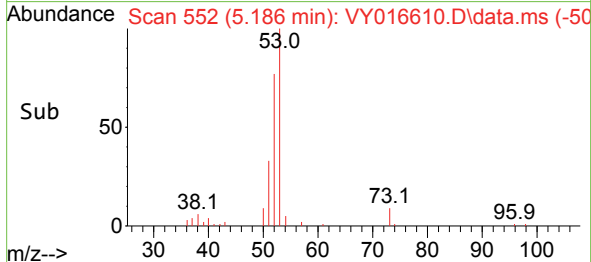
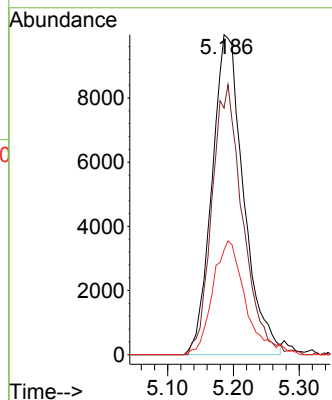
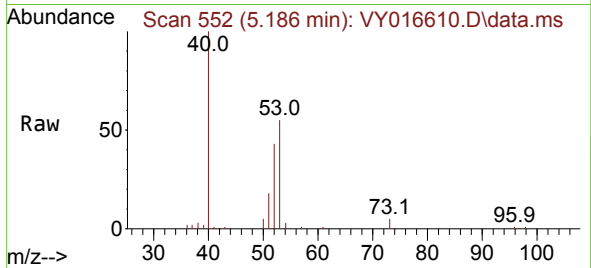




#15
Acrylonitrile
Concen: 79.609 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

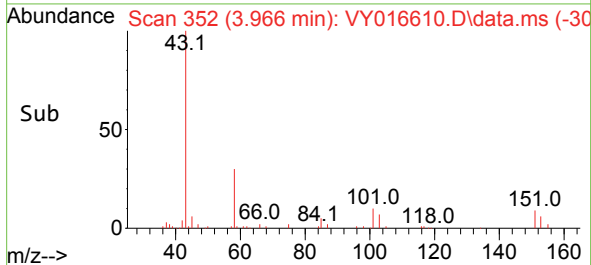
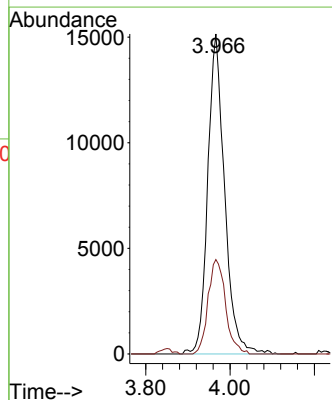
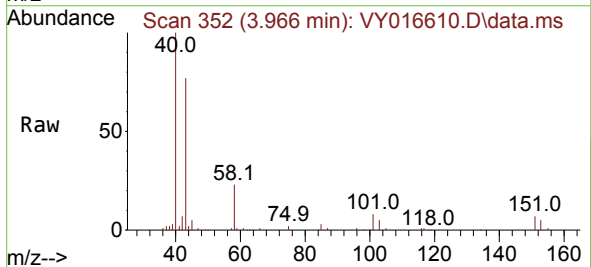
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

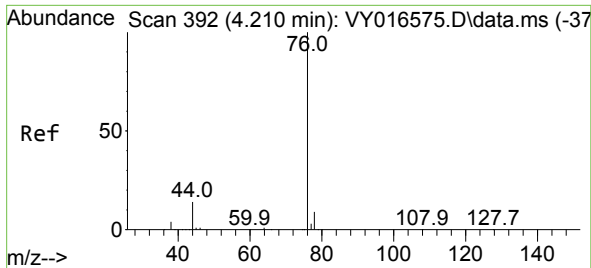
Tgt Ion: 53	Resp: 33350
Ion Ratio	Lower Upper
53	100
52	81.8 66.9 100.3
51	37.0 29.8 44.6



#16
Acetone
Concen: 94.415 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 43	Resp: 42067
Ion Ratio	Lower Upper
43	100
58	29.5 22.7 34.1

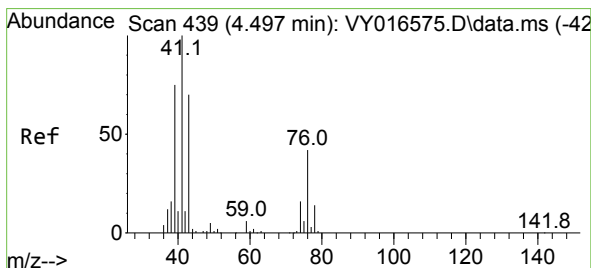
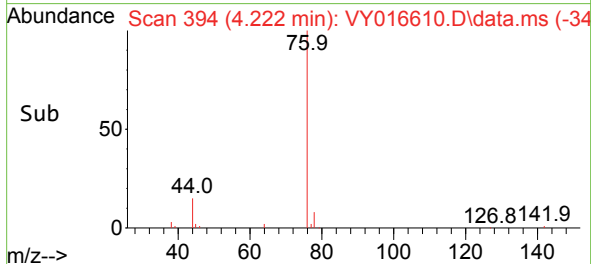
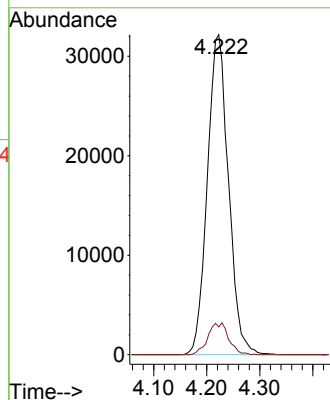
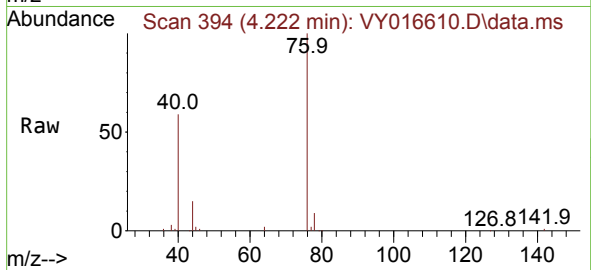




#17
Carbon Disulfide
Concen: 16.787 ug/l
RT: 4.222 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

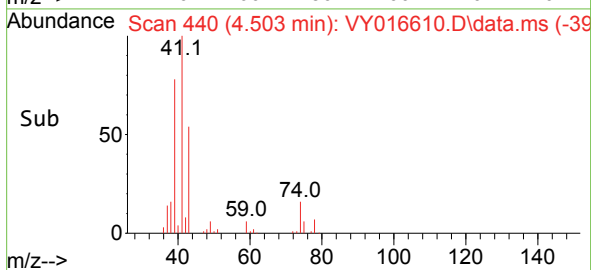
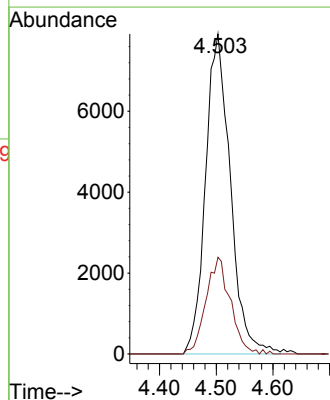
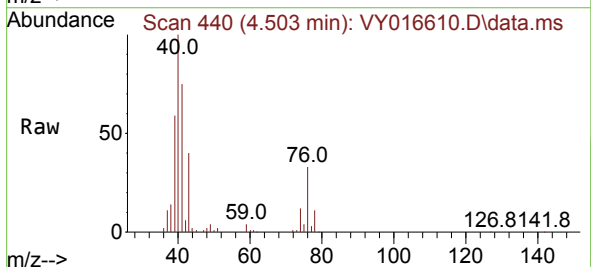
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

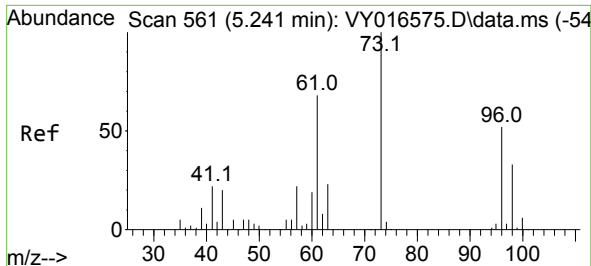
Tgt Ion: 76 Resp: 89104
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 13.618 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 43 Resp: 24051
Ion Ratio Lower Upper
43 100
74 29.5 17.4 26.0#

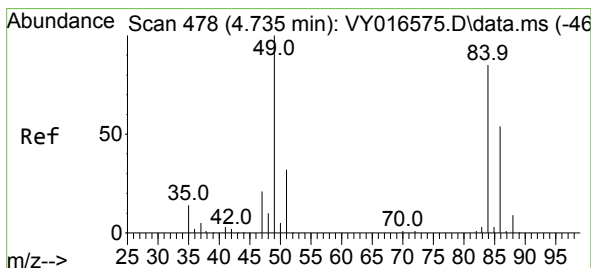
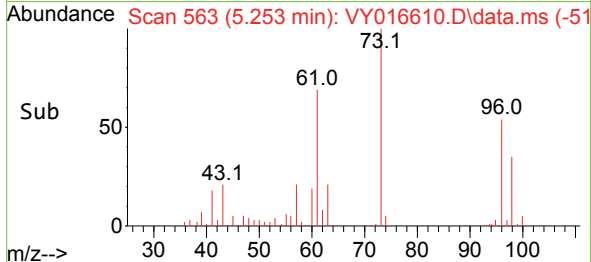
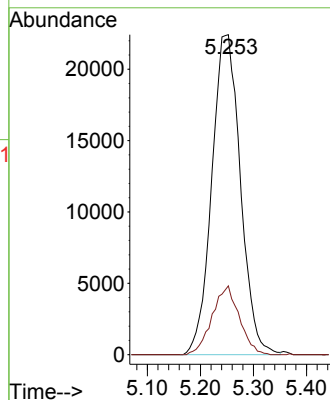
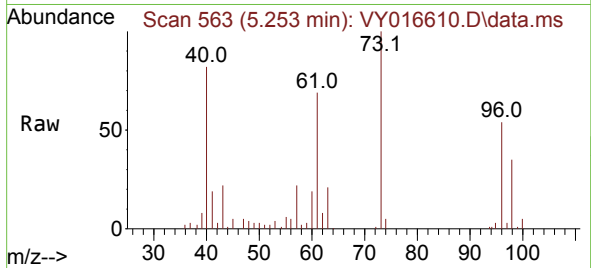




#19
Methyl tert-butyl Ether
Concen: 18.075 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

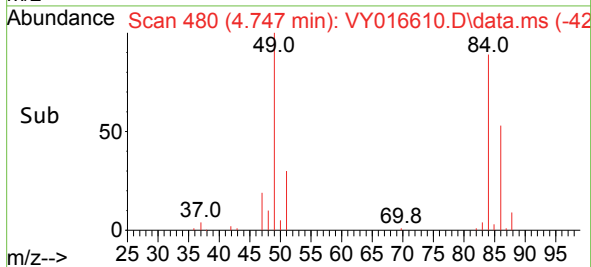
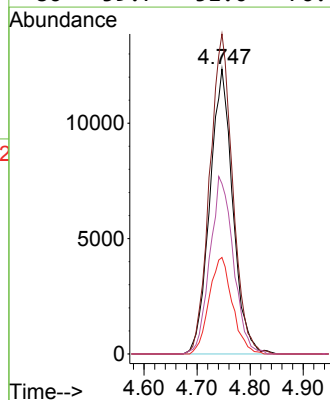
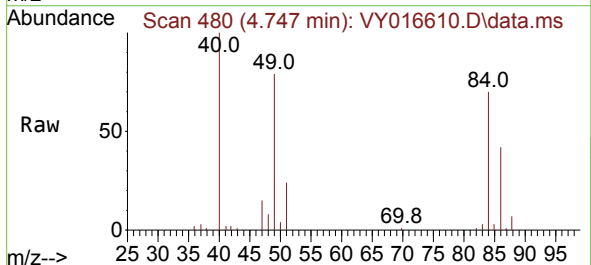
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

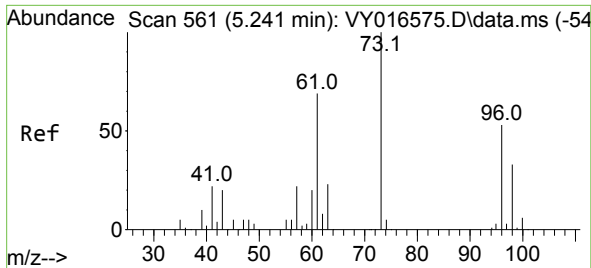
Tgt Ion: 73 Resp: 84116
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 16.662 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 84 Resp: 37141
Ion Ratio Lower Upper
84 100
49 112.3 106.9 160.3
51 33.9 33.2 49.8
86 59.7 51.0 76.6

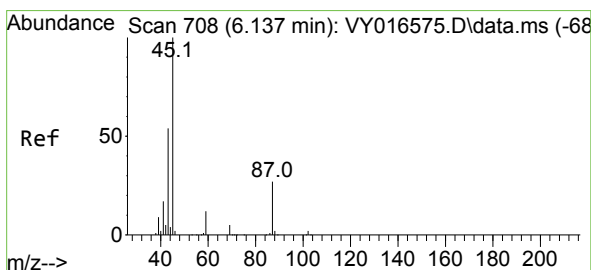
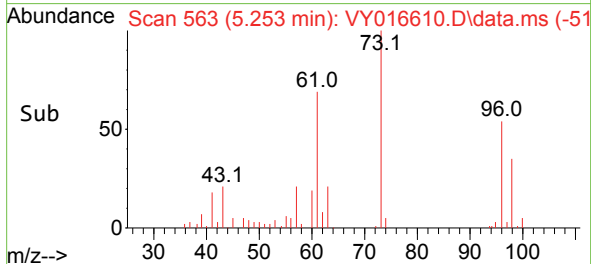
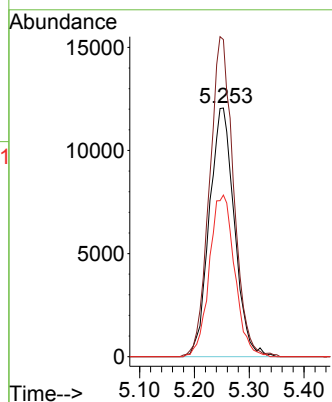
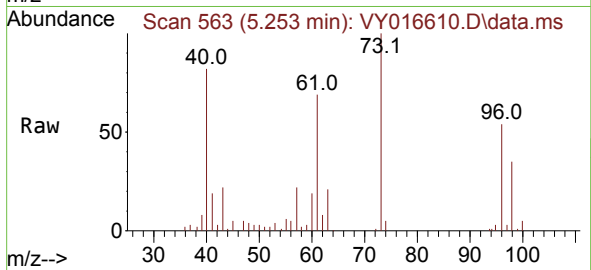




#21
trans-1,2-Dichloroethene
Concen: 17.915 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.012 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

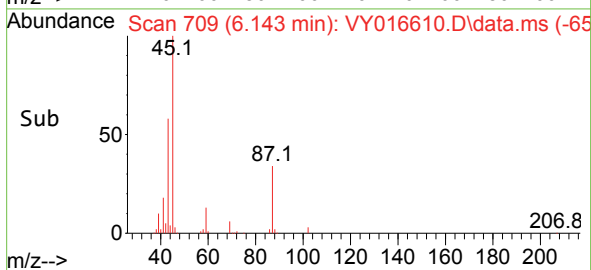
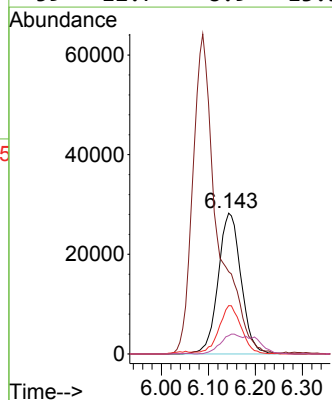
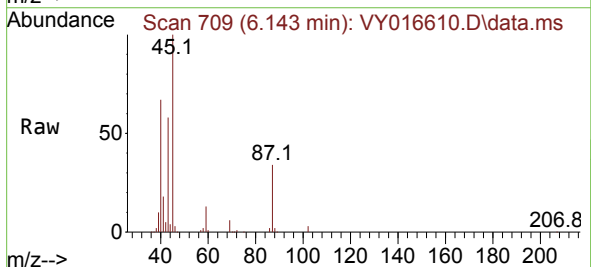
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

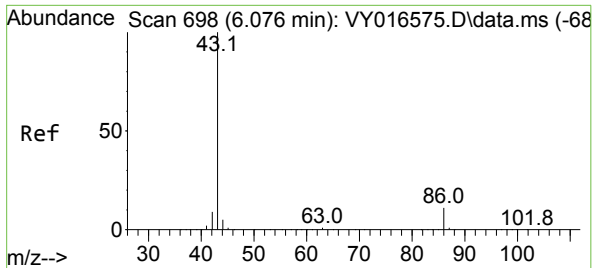
Tgt Ion: 96 Resp: 38140
Ion Ratio Lower Upper
96 100
61 127.6 110.2 165.4
98 65.0 51.8 77.6



#22
Diisopropyl ether
Concen: 16.081 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 45 Resp: 95552
Ion Ratio Lower Upper
45 100
43 57.7 52.2 78.4
87 34.4 21.0 31.6#
59 12.7 8.9 13.3

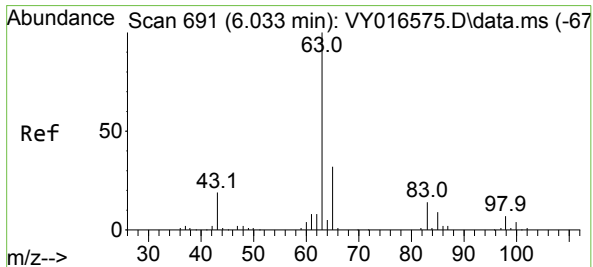
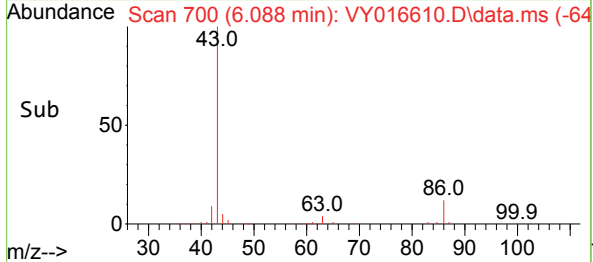
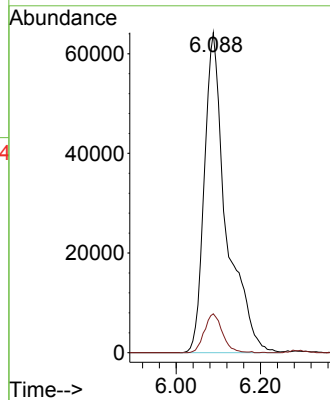
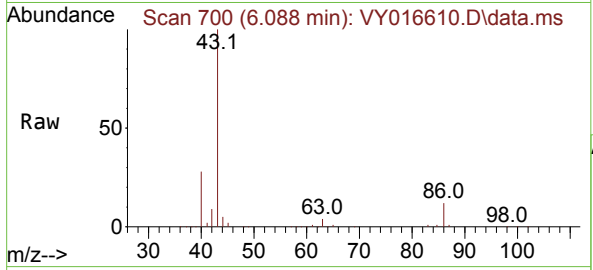




#23
 Vinyl Acetate
 Concen: 81.558 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

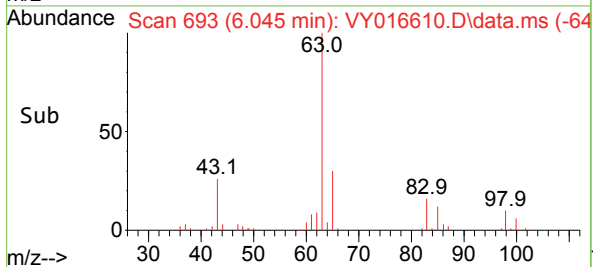
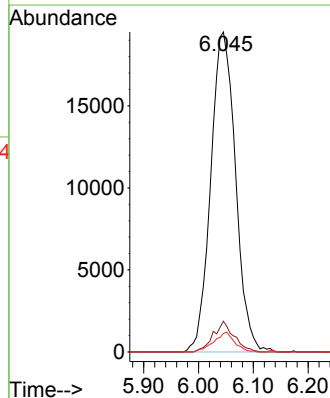
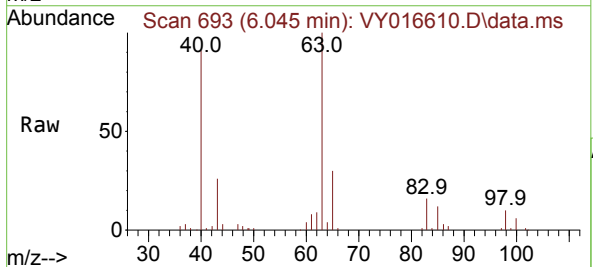
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

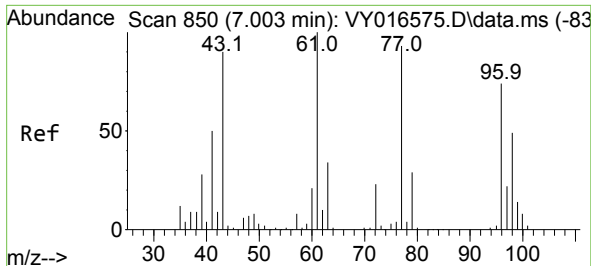
Tgt Ion: 43 Resp: 232646
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 16.794 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

Tgt Ion: 63 Resp: 61308
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.1 9.4#
 100 5.7 1.8 5.5#





#25

2-Butanone

Concen: 85.106 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

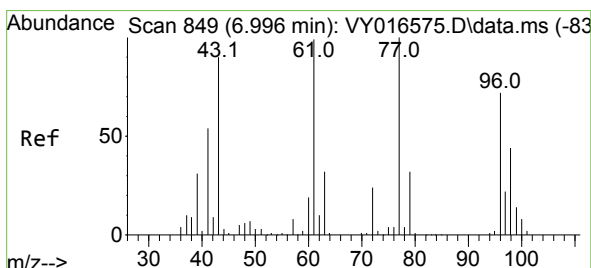
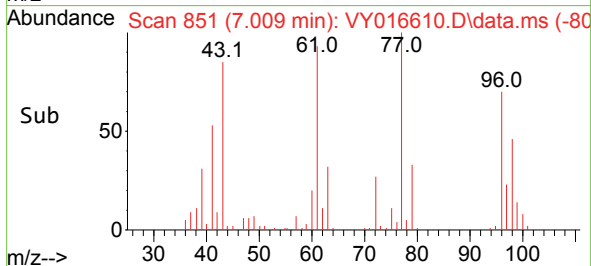
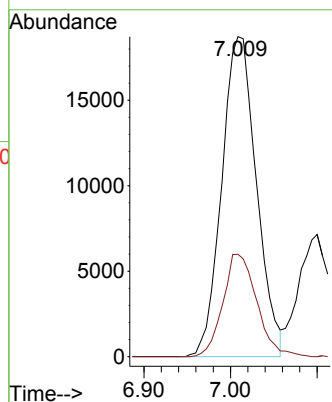
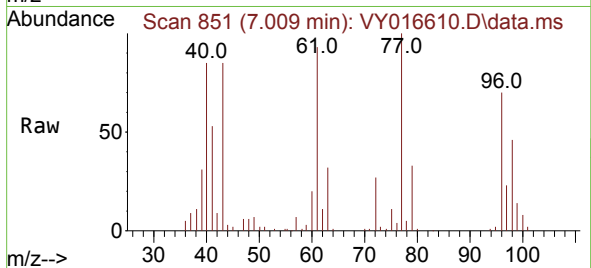
VY1206SBS01

Tgt Ion: 43 Resp: 52142

Ion Ratio Lower Upper

43 100

72 32.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 18.743 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016610.D

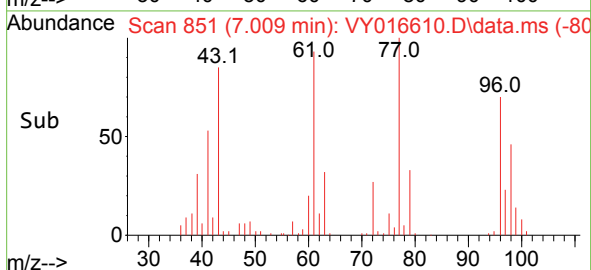
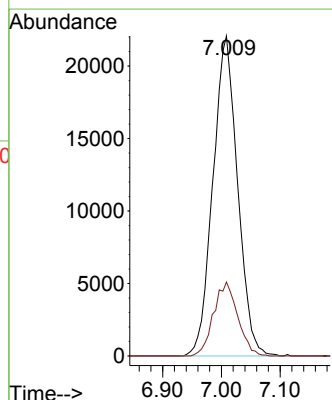
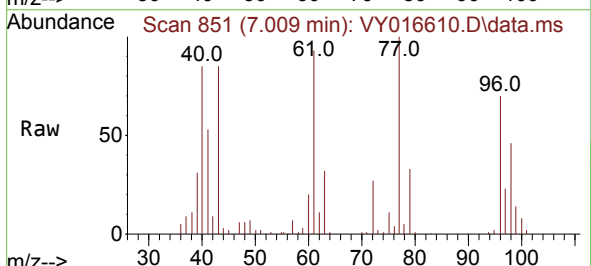
Acq: 06 Dec 2023 12:38

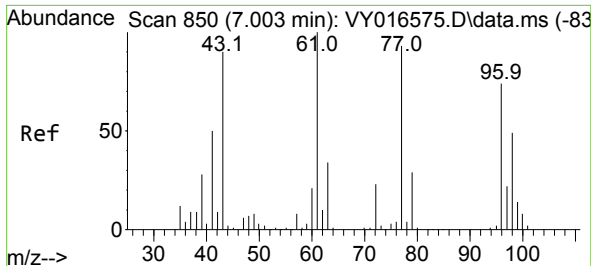
Tgt Ion: 77 Resp: 64324

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.206 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

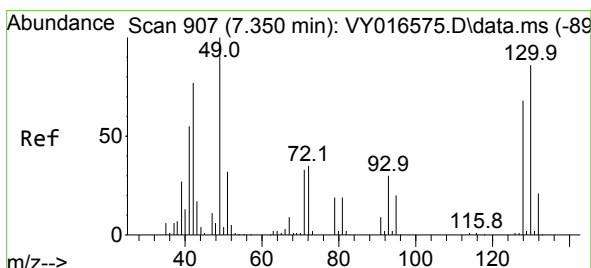
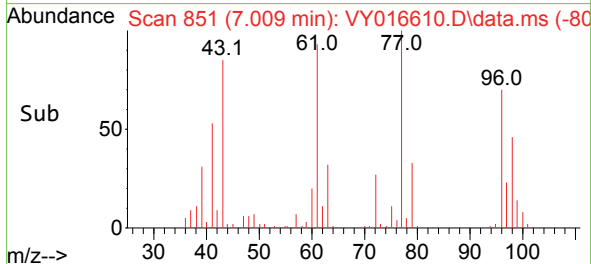
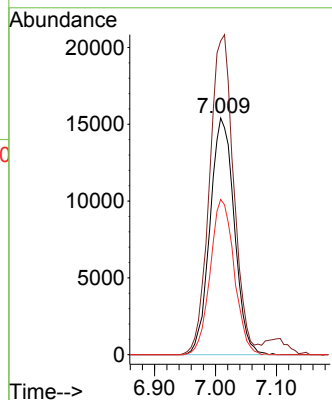
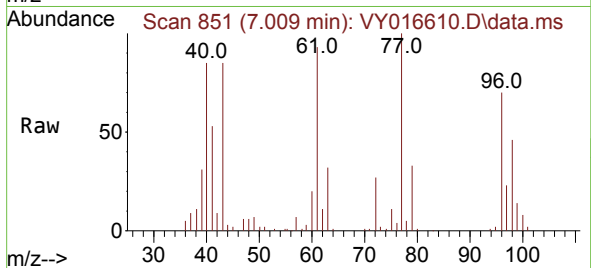
Tgt Ion: 96 Resp: 42664

Ion Ratio Lower Upper

96 100

61 135.4 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 15.768 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

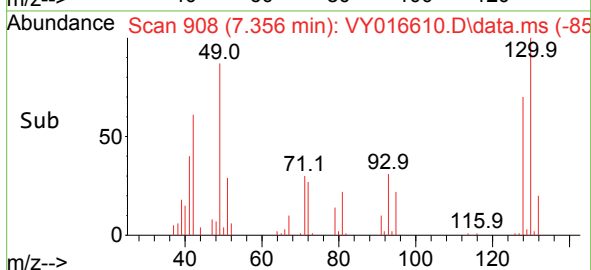
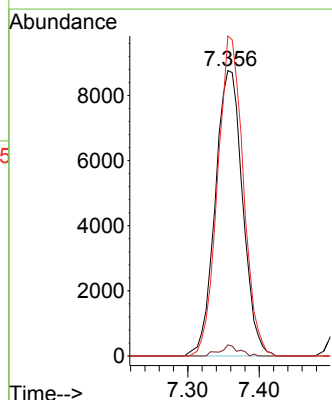
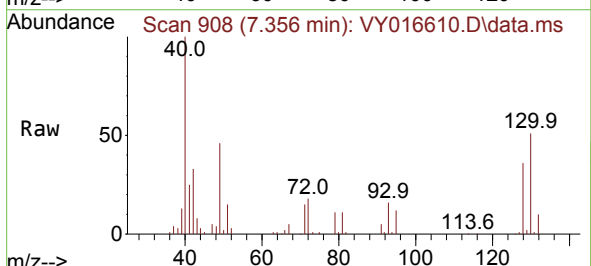
Tgt Ion: 49 Resp: 23315

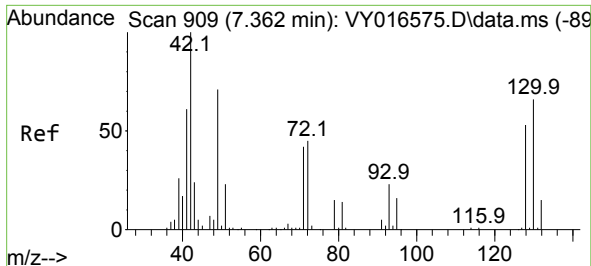
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 105.1 60.7 91.1#





#29

Tetrahydrofuran

Concen: 73.558 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

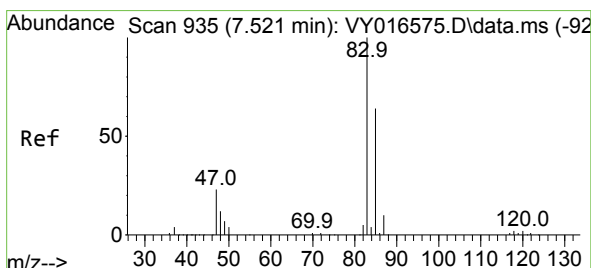
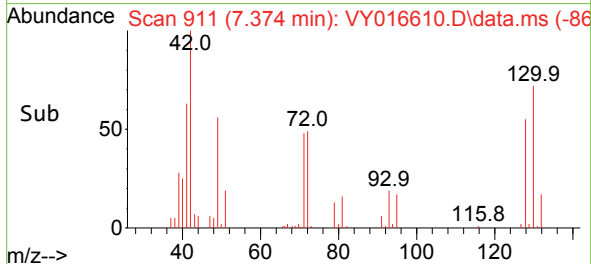
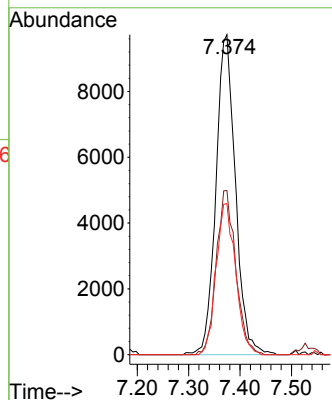
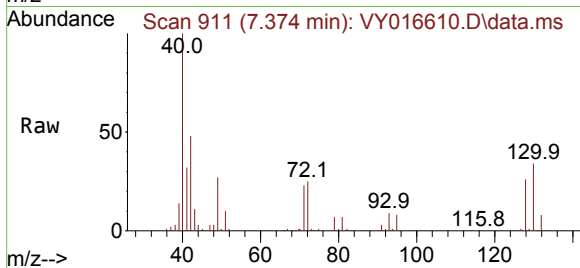
Tgt Ion: 42 Resp: 25694

Ion Ratio Lower Upper

42 100

72 51.1 32.8 49.2#

71 47.3 31.0 46.4#



#30

Chloroform

Concen: 18.229 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016610.D

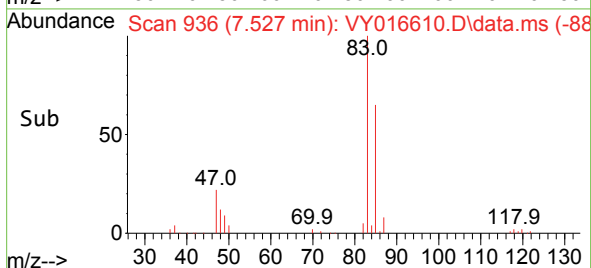
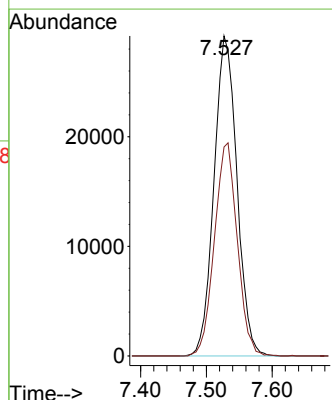
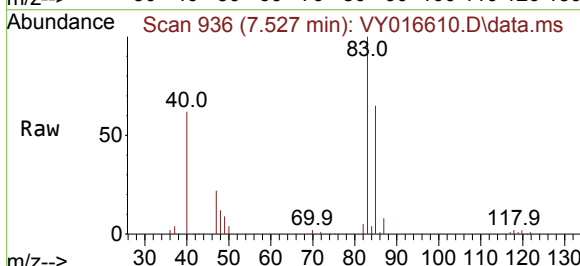
Acq: 06 Dec 2023 12:38

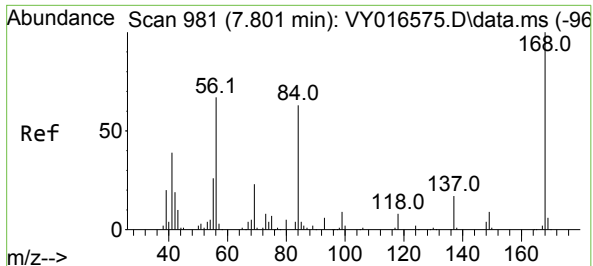
Tgt Ion: 83 Resp: 70933

Ion Ratio Lower Upper

83 100

85 65.3 49.7 74.5

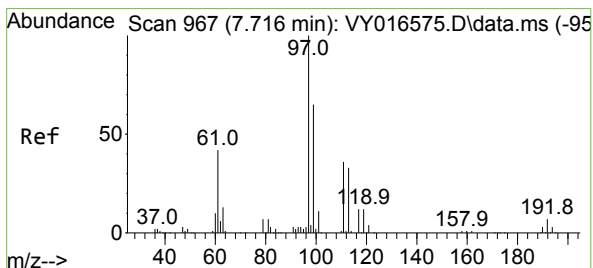
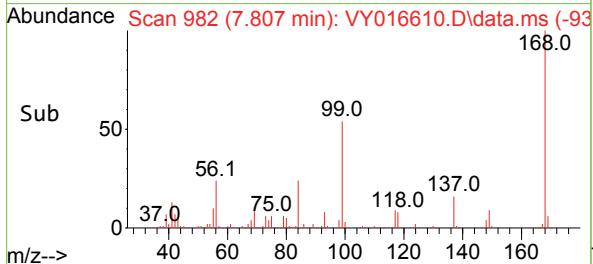
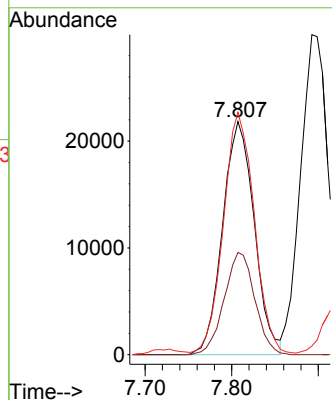
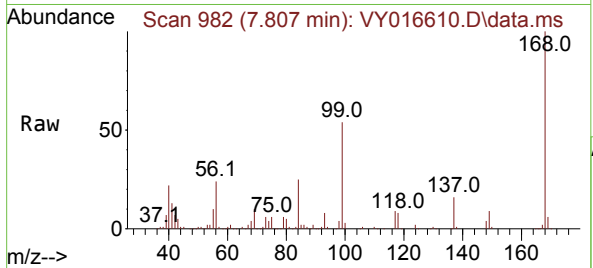




#31
Cyclohexane
Concen: 16.511 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

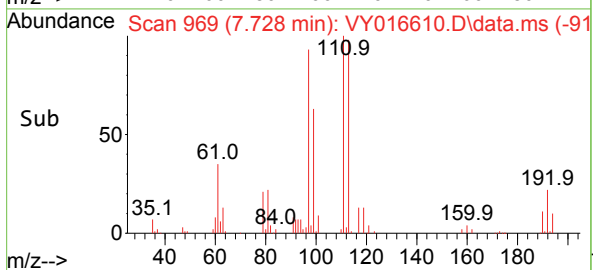
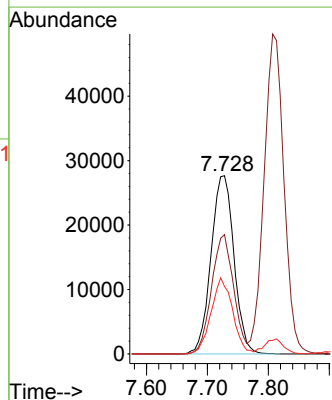
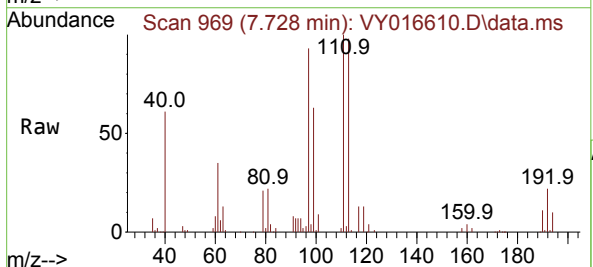
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

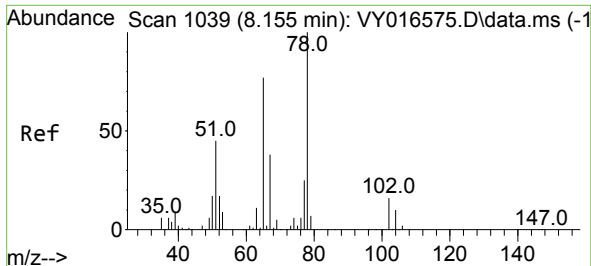
Tgt Ion: 56 Resp: 55499
Ion Ratio Lower Upper
56 100
69 43.9 27.8 41.6#
84 102.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 19.689 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 97 Resp: 72510
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 40.2 35.1 52.7

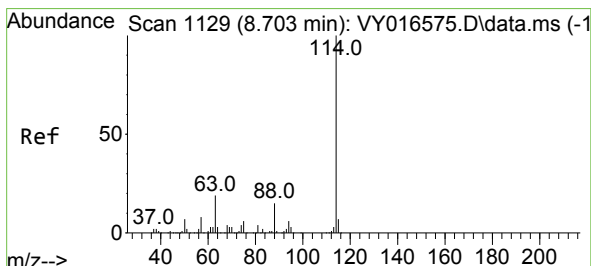
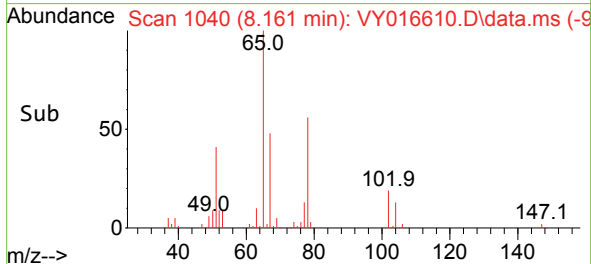
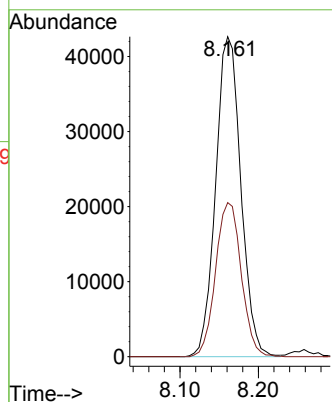
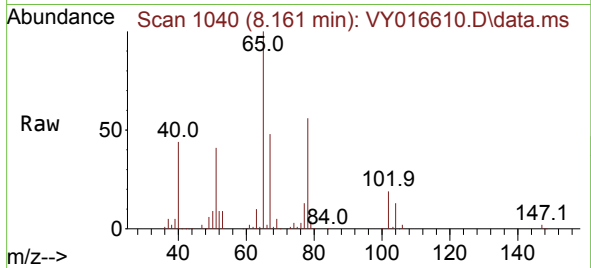




#33
 1,2-Dichloroethane-d4
 Concen: 48.501 ug/l
 RT: 8.161 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

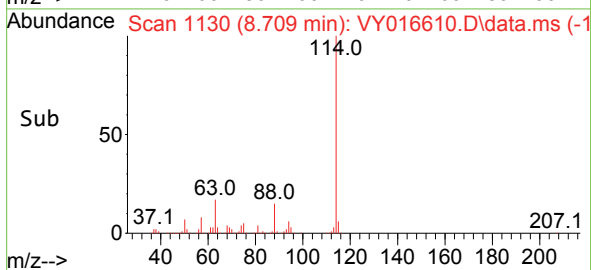
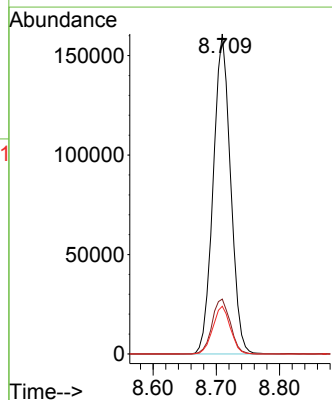
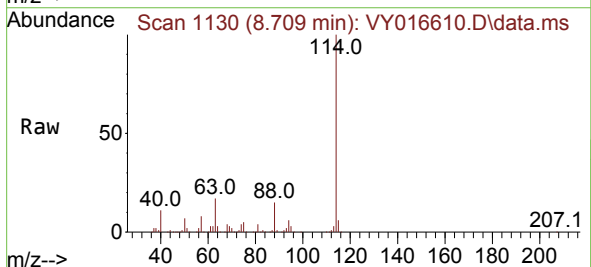
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

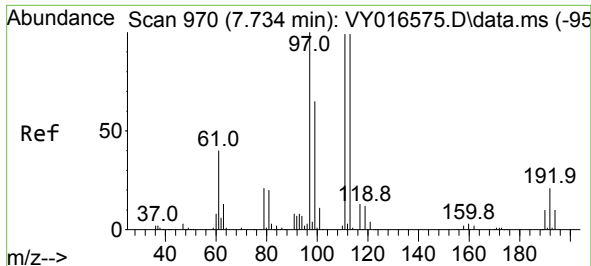
Tgt Ion: 65 Resp: 95497
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

Tgt Ion: 114 Resp: 306151
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 14.9 0.0 30.6

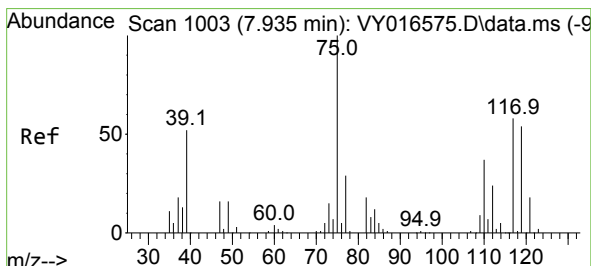
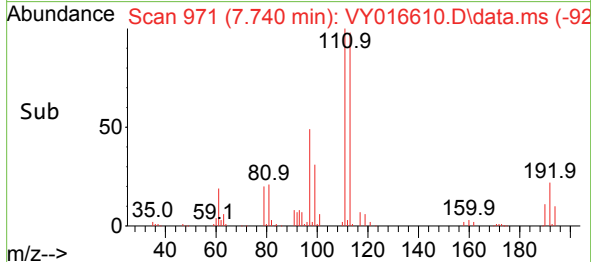
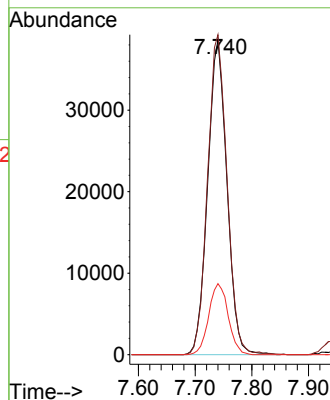
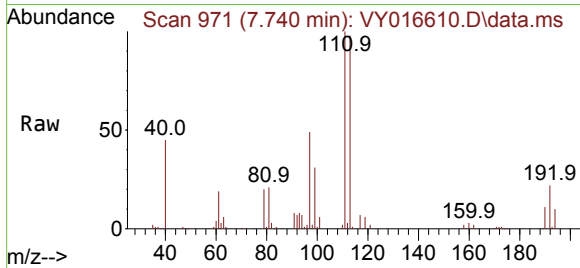




#35
Dibromofluoromethane
Concen: 49.385 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

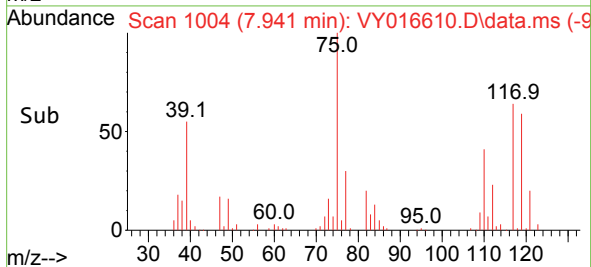
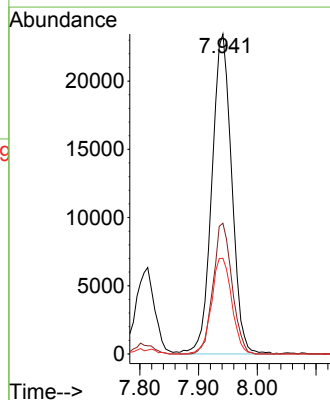
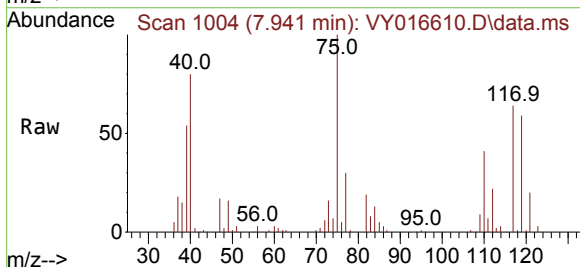
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

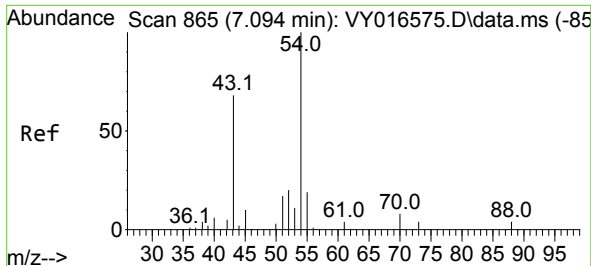
Tgt Ion:113 Resp: 90988
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 22.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.642 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 75 Resp: 55012
Ion Ratio Lower Upper
75 100
110 39.0 17.8 53.5
77 30.4 24.4 36.6

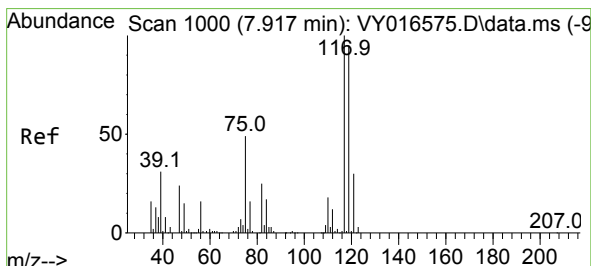
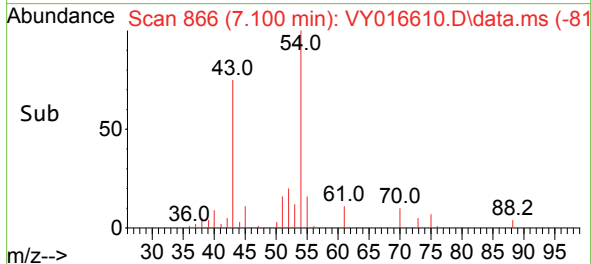
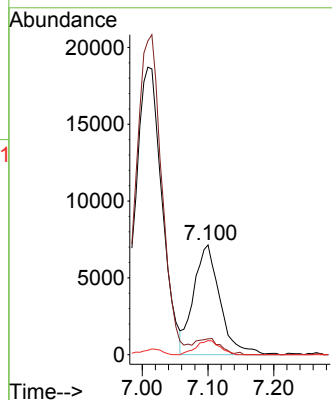
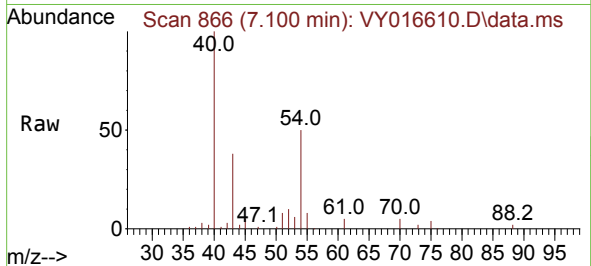




#37
Ethyl Acetate
Concen: 16.960 ug/l
RT: 7.100 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

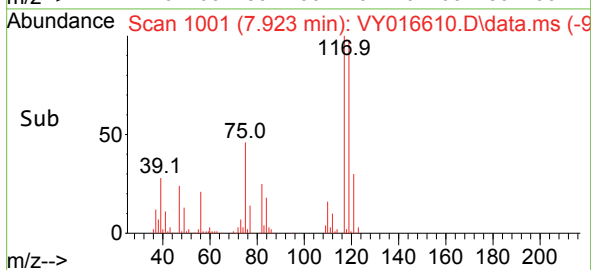
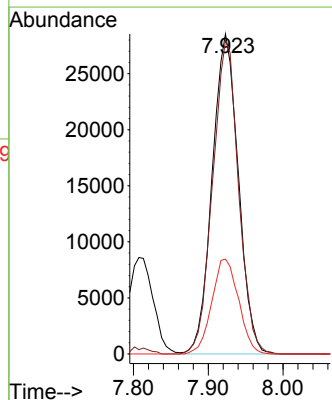
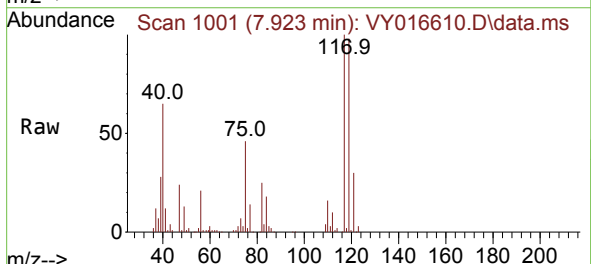
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

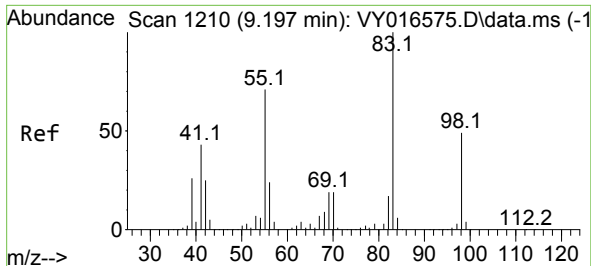
Tgt Ion: 43 Resp: 19876
Ion Ratio Lower Upper
43 100
61 13.2 10.1 15.1
70 11.5 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 21.355 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 117 Resp: 69239
Ion Ratio Lower Upper
117 100
119 98.0 76.4 114.6
121 29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 19.171 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

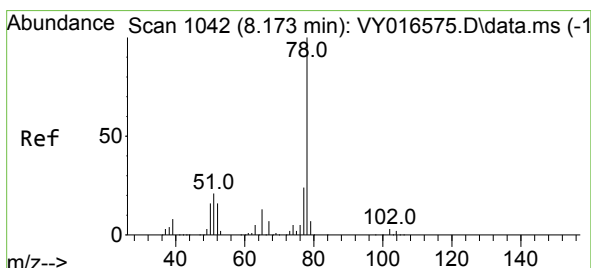
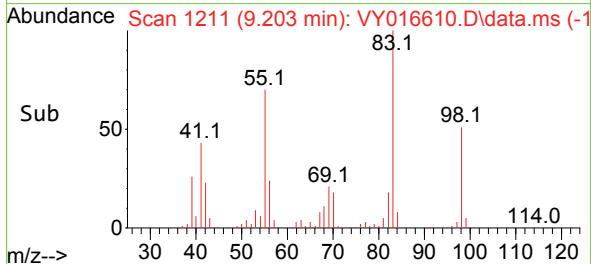
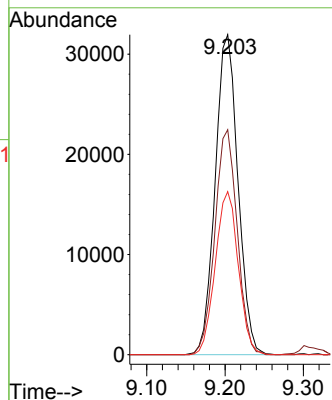
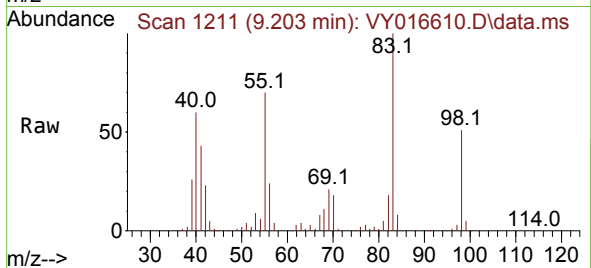
Tgt Ion: 83 Resp: 64691

Ion Ratio Lower Upper

83 100

55 70.3 63.0 94.4

98 51.0 37.4 56.2



#40

Benzene

Concen: 18.652 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016610.D

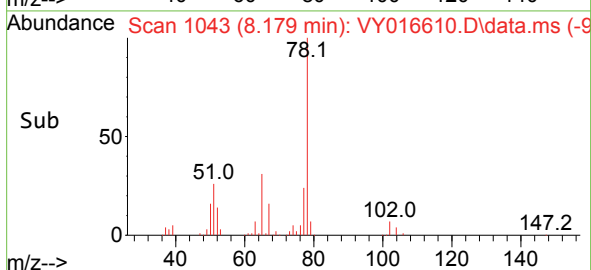
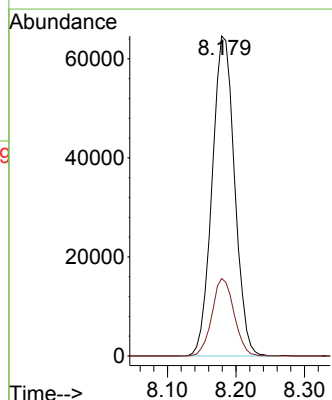
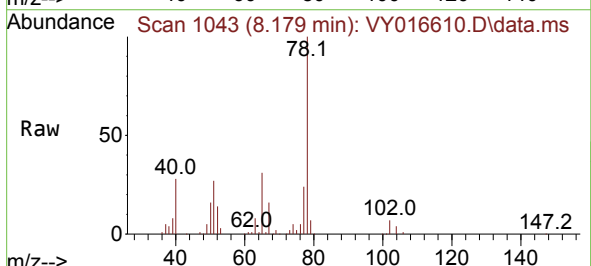
Acq: 06 Dec 2023 12:38

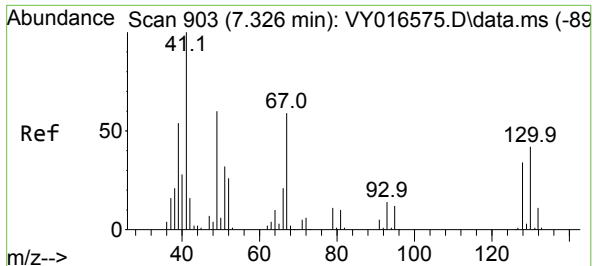
Tgt Ion: 78 Resp: 147238

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

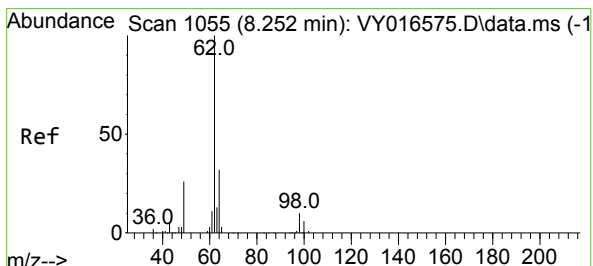
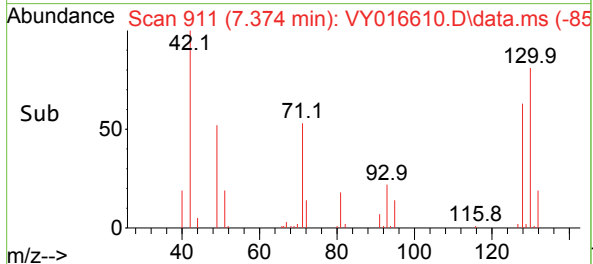
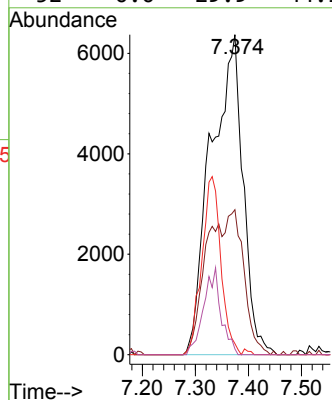
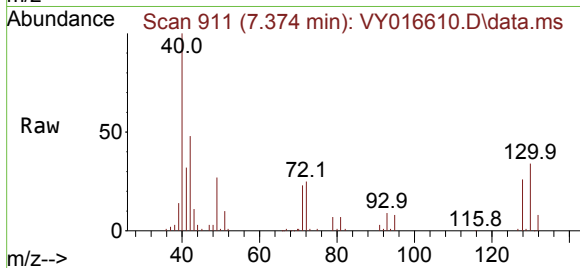




#41
Methacrylonitrile
Concen: 39.240 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.049 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

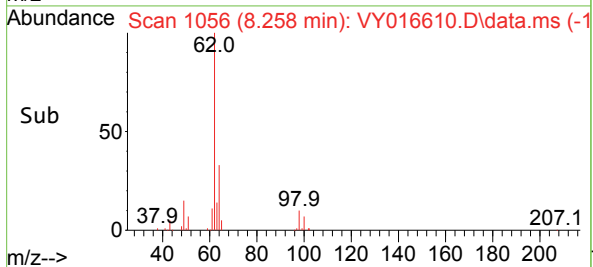
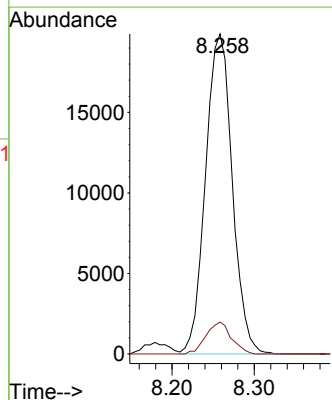
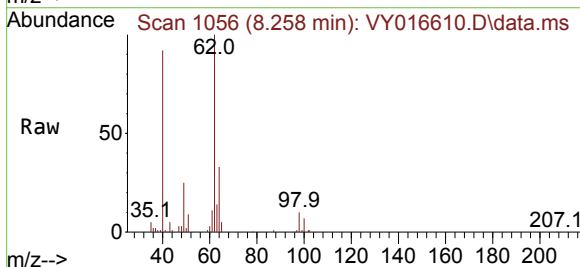
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

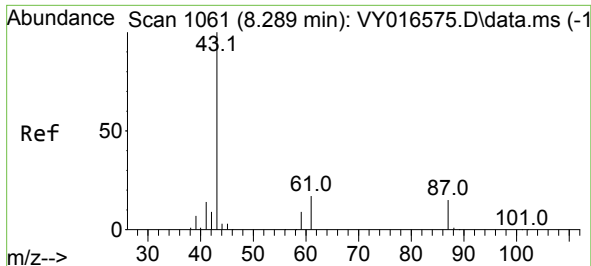
Tgt Ion:	41	Resp:	26559
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 19.595 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion:	62	Resp:	44915
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 16.864 ug/l

RT: 8.295 min Scan# 1062

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

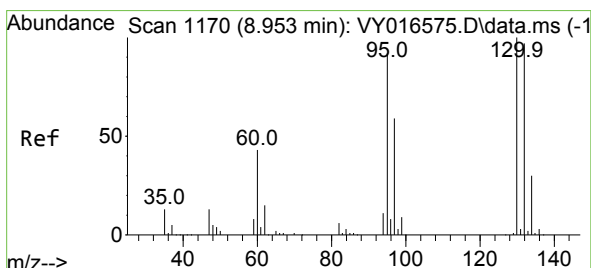
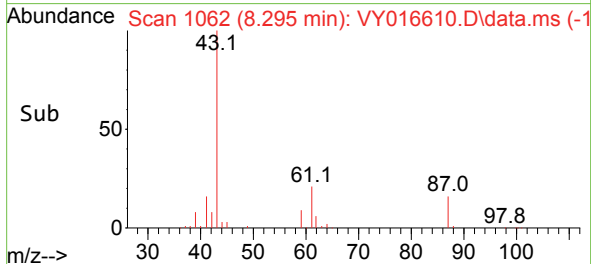
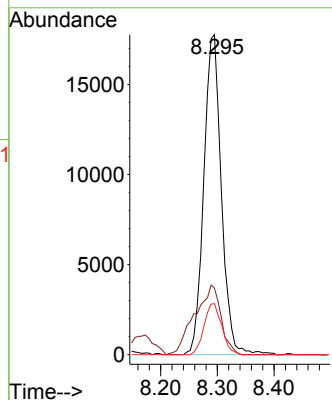
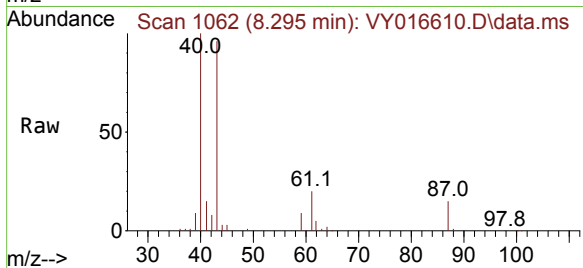
Tgt Ion: 43 Resp: 38126

Ion Ratio Lower Upper

43 100

61 32.5 21.1 31.7#

87 16.1 9.8 14.8#



#44

Trichloroethene

Concen: 19.782 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY016610.D

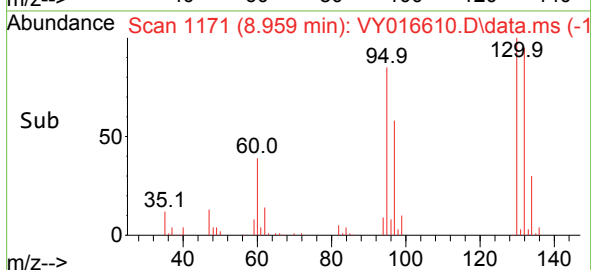
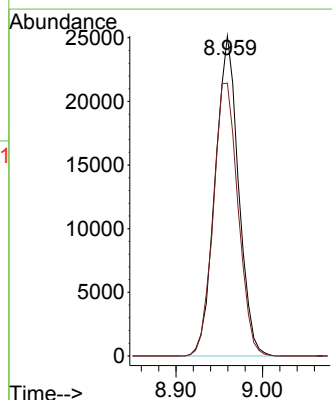
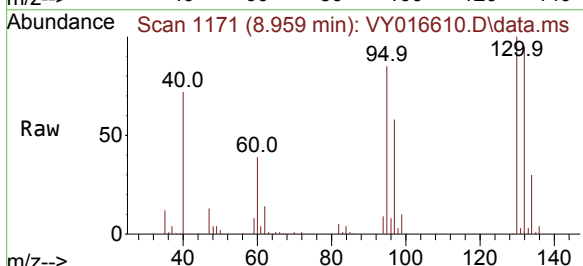
Acq: 06 Dec 2023 12:38

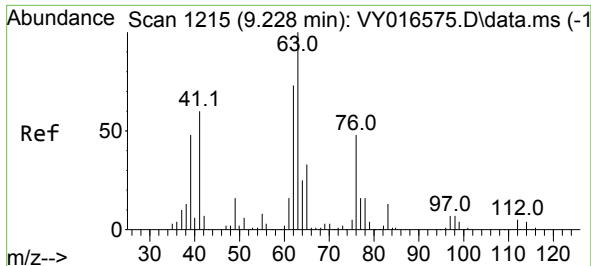
Tgt Ion:130 Resp: 47093

Ion Ratio Lower Upper

130 100

95 85.3 0.0 196.0

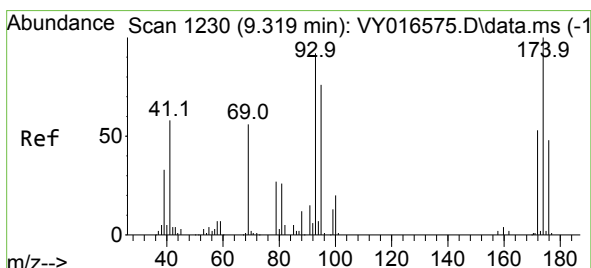
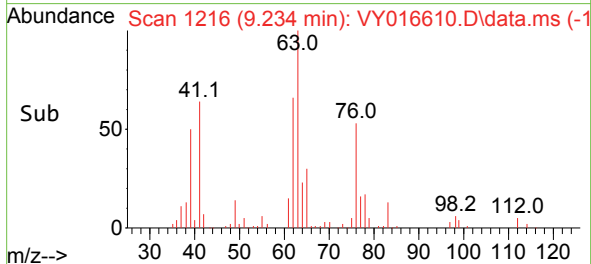
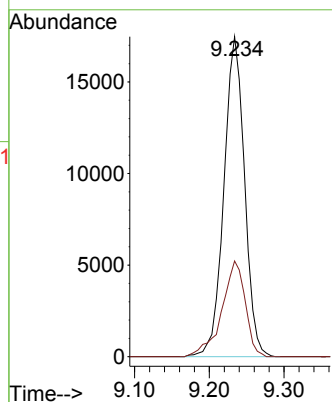
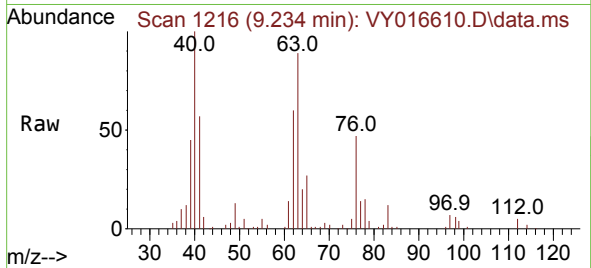




#45
1,2-Dichloropropane
Concen: 17.669 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

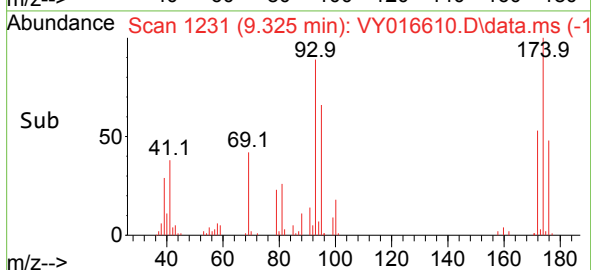
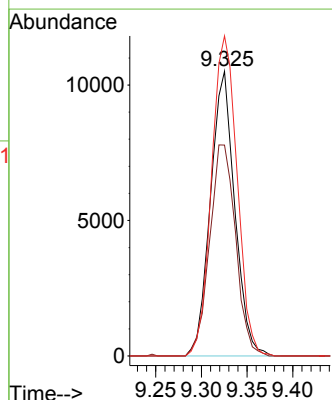
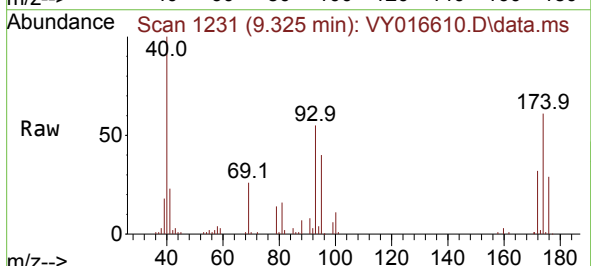
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

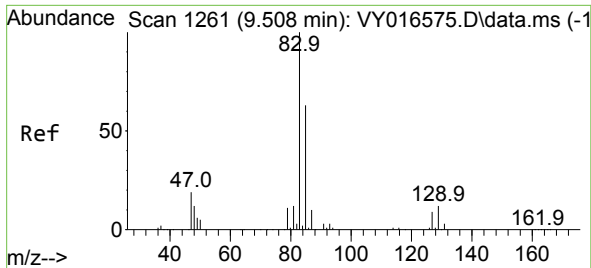
Tgt Ion: 63 Resp: 33580
Ion Ratio Lower Upper
63 100
65 29.9 23.8 35.6



#46
Dibromomethane
Concen: 18.653 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 93 Resp: 19434
Ion Ratio Lower Upper
93 100
95 79.2 66.6 100.0
174 118.2 84.8 127.2

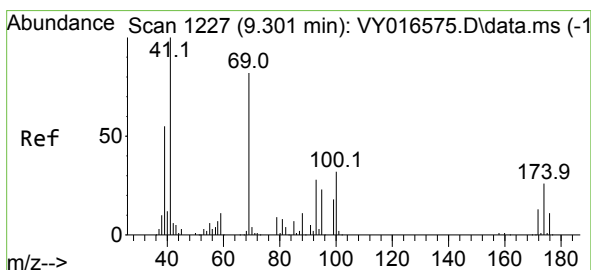
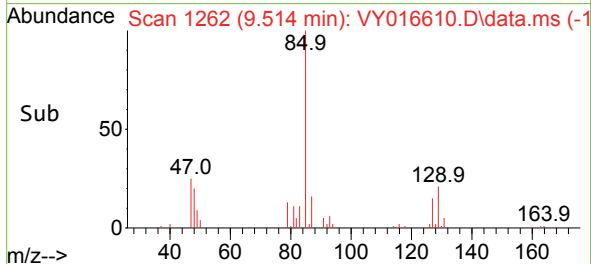
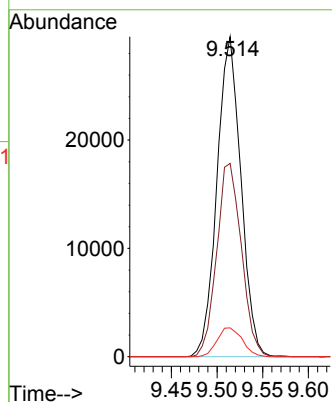
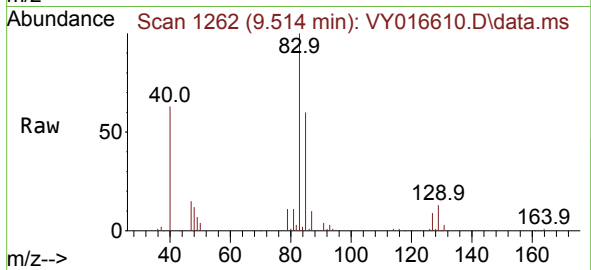




#47
Bromodichloromethane
Concen: 19.405 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

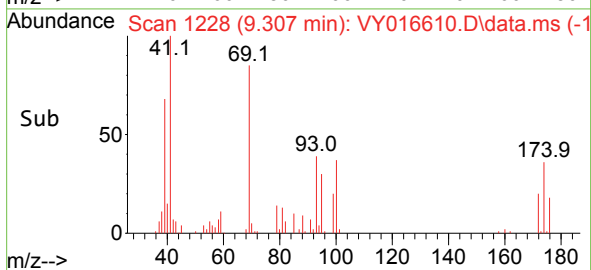
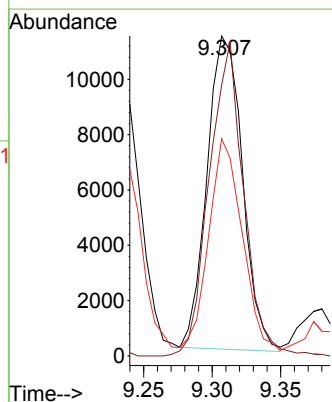
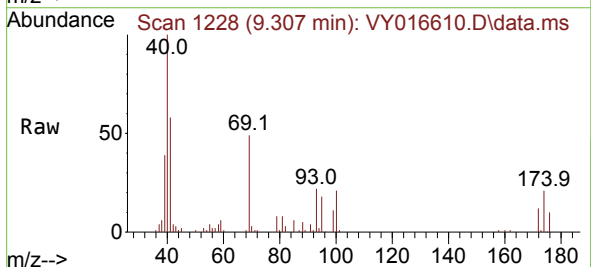
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

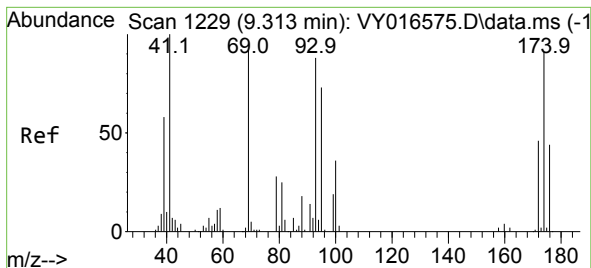
Tgt Ion: 83 Resp: 53825
Ion Ratio Lower Upper
83 100
85 60.4 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 15.586 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 41 Resp: 20350
Ion Ratio Lower Upper
41 100
69 97.4 64.5 96.7#
39 63.8 50.8 76.2





#49

1,4-Dioxane

Concen: 357.585 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

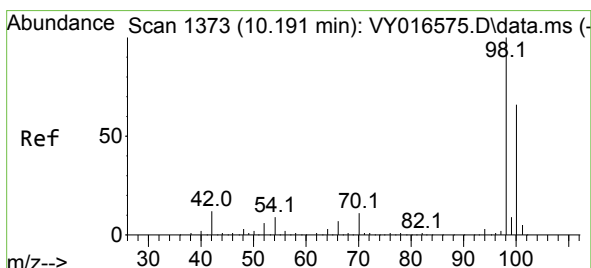
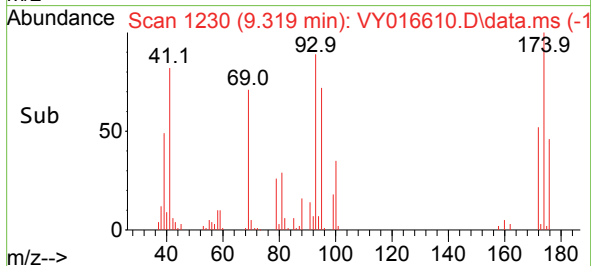
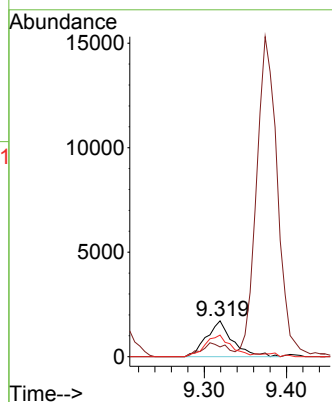
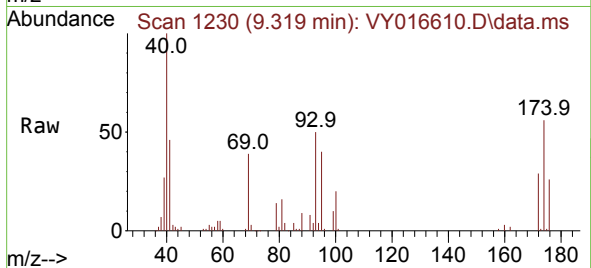
Tgt Ion: 88 Resp: 3771

Ion Ratio Lower Upper

88 100

43 37.3 0.0 0.0#

58 61.5 30.9 46.3#



#50

Toluene-d8

Concen: 50.423 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016610.D

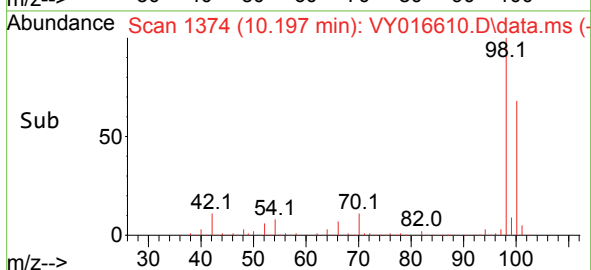
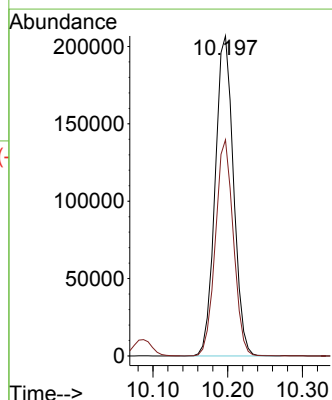
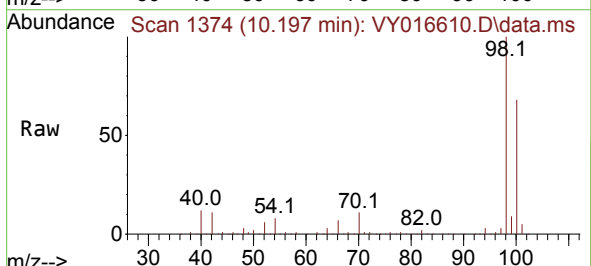
Acq: 06 Dec 2023 12:38

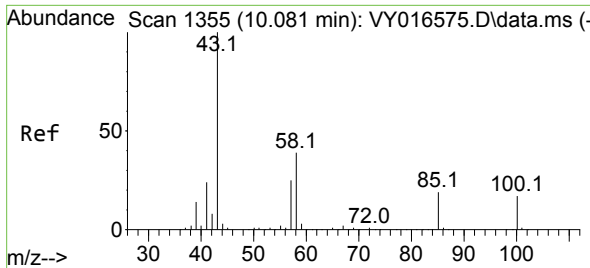
Tgt Ion: 98 Resp: 351404

Ion Ratio Lower Upper

98 100

100 66.3 50.1 75.1

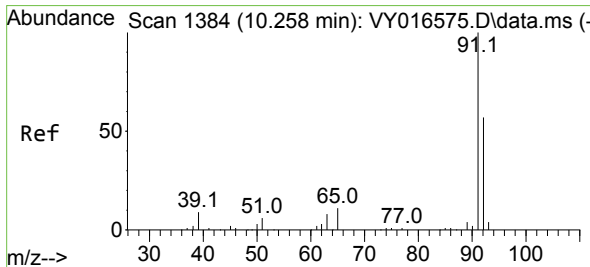
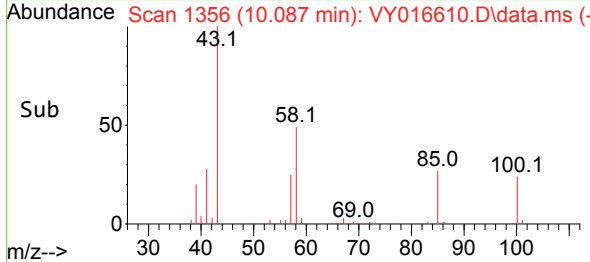
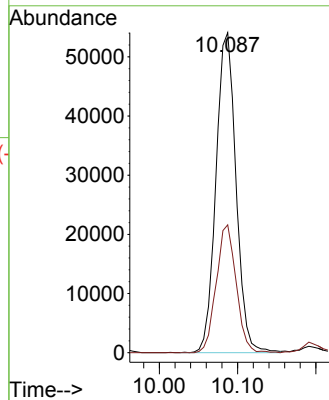
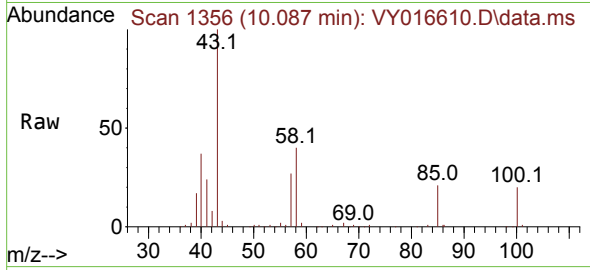




#51
4-Methyl-2-Pentanone
Concen: 81.975 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

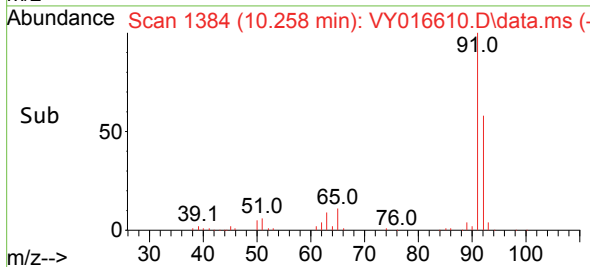
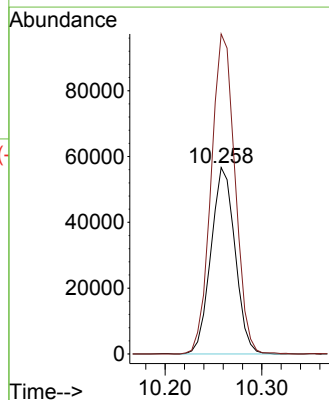
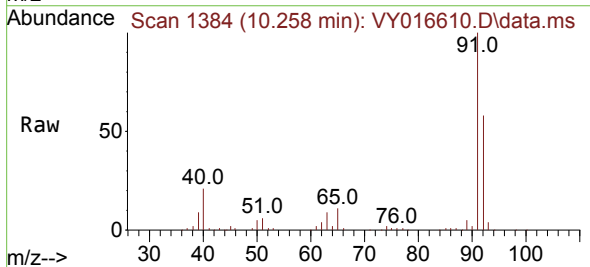
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

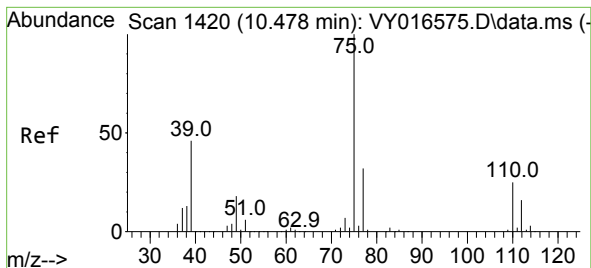
Tgt Ion: 43 Resp: 96311
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 19.828 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 92 Resp: 98102
Ion Ratio Lower Upper
92 100
91 170.4 143.8 215.6

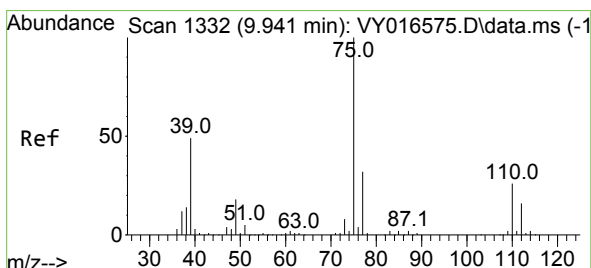
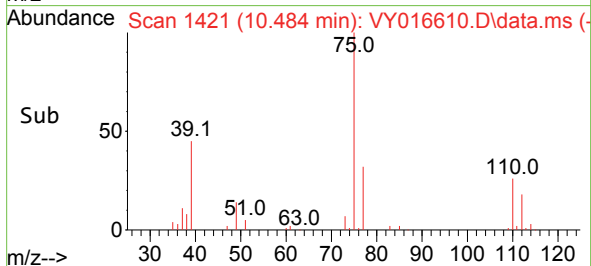
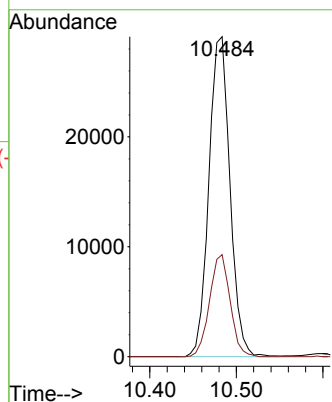
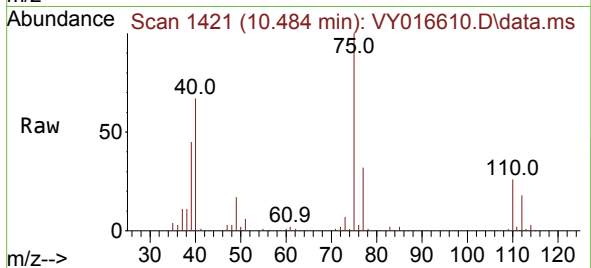




#53
 t-1,3-Dichloropropene
 Concen: 18.808 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

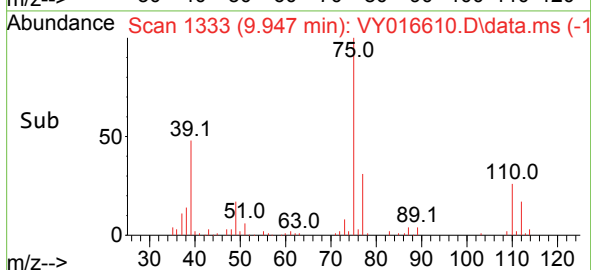
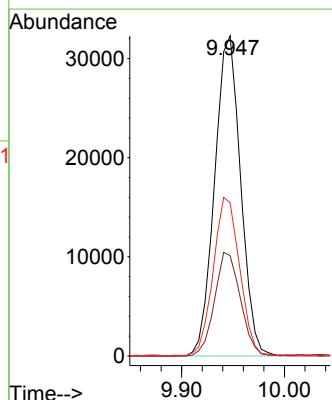
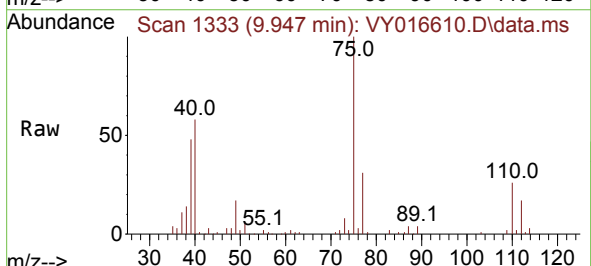
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

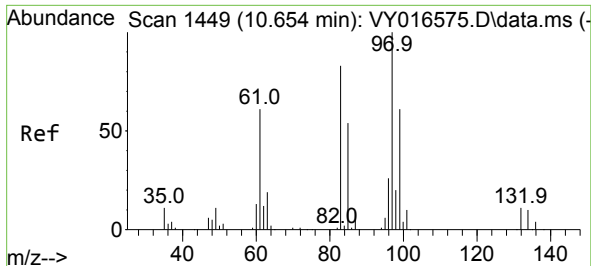
Tgt Ion: 75 Resp: 49235
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.444 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

Tgt Ion: 75 Resp: 56704
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 47.7 42.2 63.4

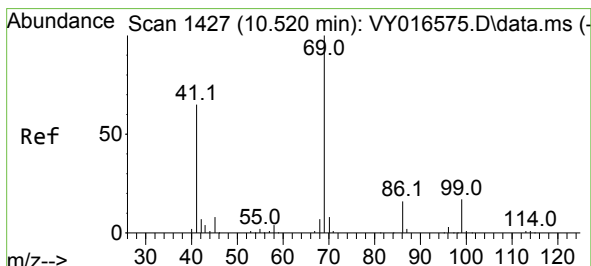
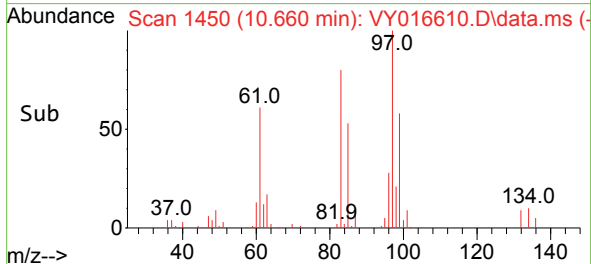
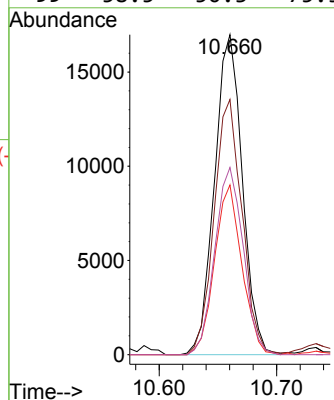
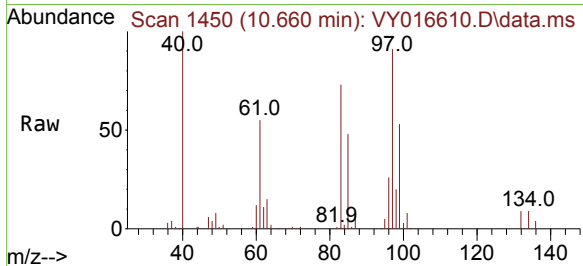




#55
 1,1,2-Trichloroethane
 Concen: 19.287 ug/l
 RT: 10.660 min Scan# 1449
 Delta R.T. 0.006 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

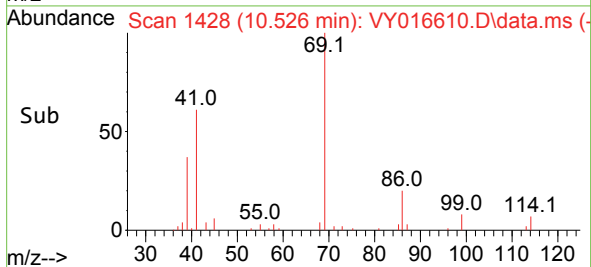
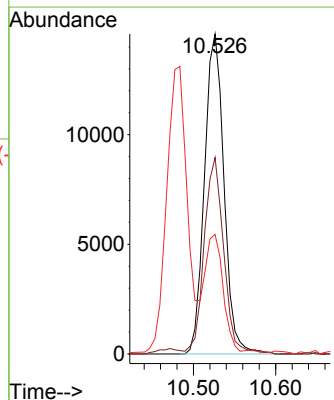
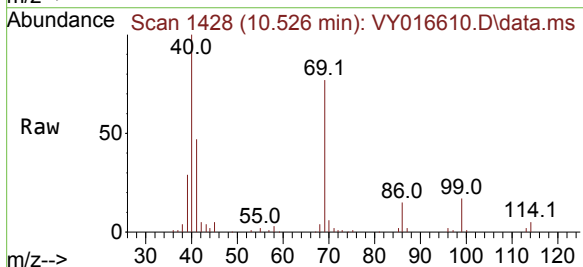
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

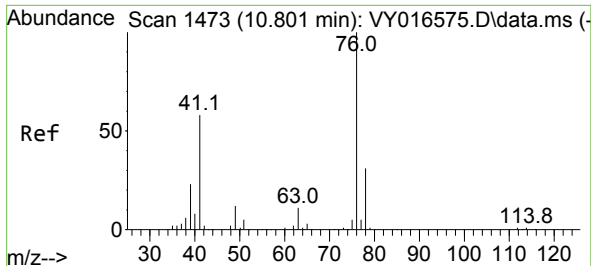
Tgt Ion: 97	Resp: 27992
Ion Ratio	Lower Upper
97 100	
83 79.7	72.0 108.0
85 53.1	45.4 68.0
99 58.5	50.3 75.5



#56
 Ethyl methacrylate
 Concen: 18.104 ug/l
 RT: 10.526 min Scan# 1428
 Delta R.T. 0.006 min
 Lab File: VY016610.D
 Acq: 06 Dec 2023 12:38

Tgt Ion: 69	Resp: 24085
Ion Ratio	Lower Upper
69 100	
41 61.4	57.6 86.4
39 34.1	34.1 51.1

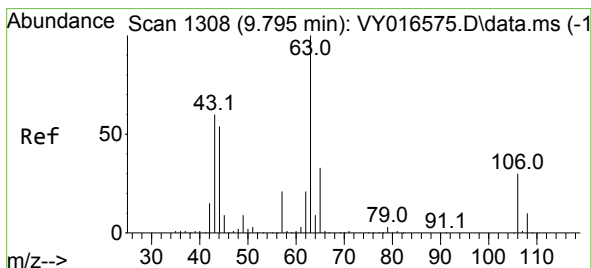
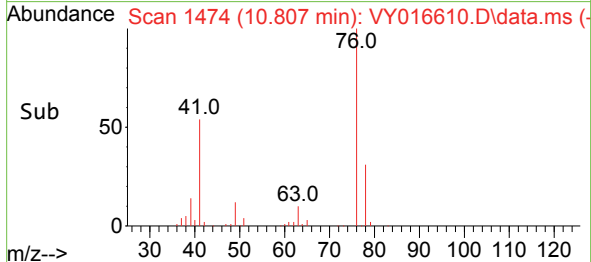
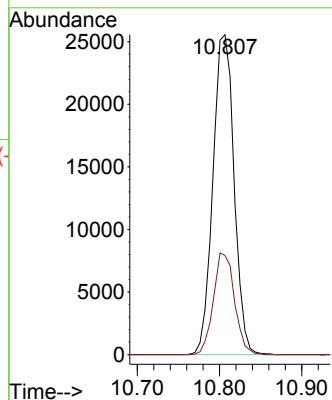
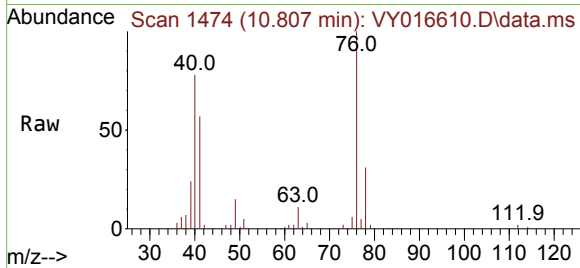




#57
1,3-Dichloropropane
Concen: 18.652 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

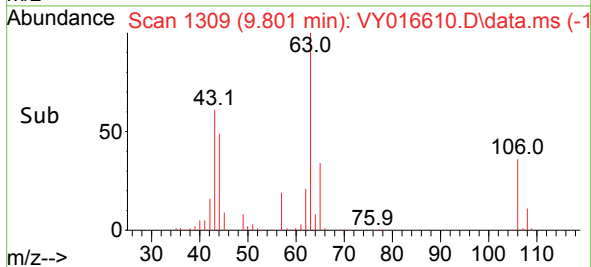
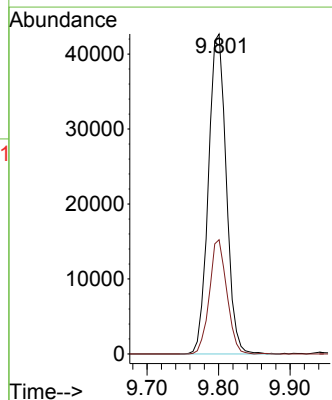
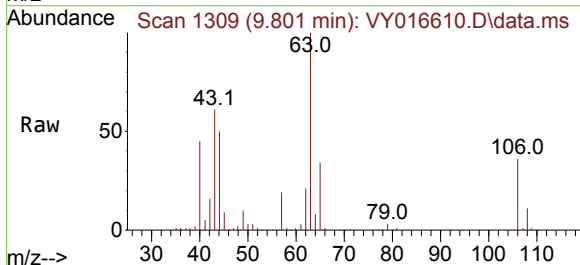
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

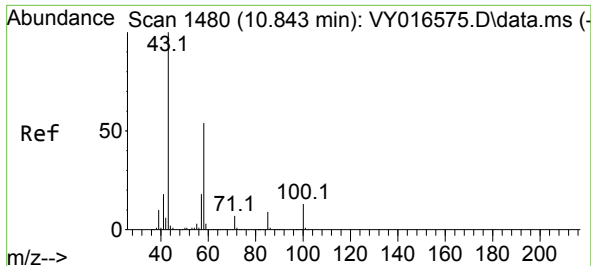
Tgt Ion: 76 Resp: 45730
Ion Ratio Lower Upper
76 100
78 31.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 90.289 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

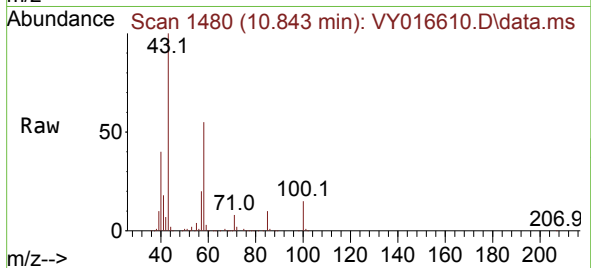
Tgt Ion: 63 Resp: 74022
Ion Ratio Lower Upper
63 100
106 34.8 21.2 31.8#



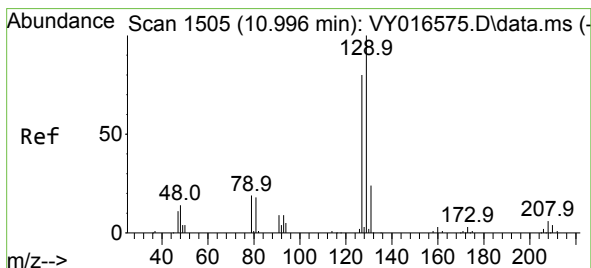
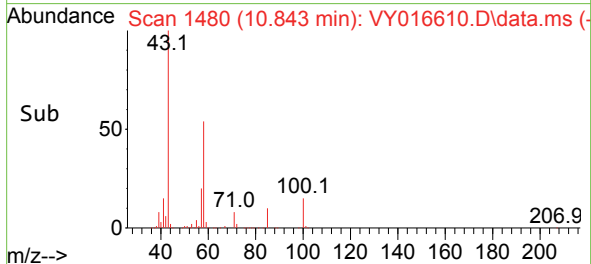
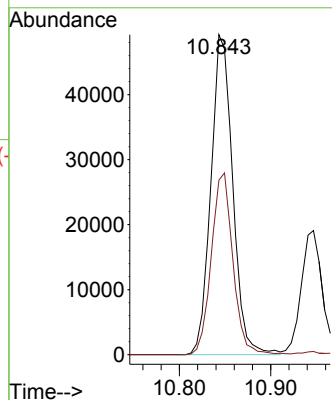


#59
2-Hexanone
Concen: 92.028 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

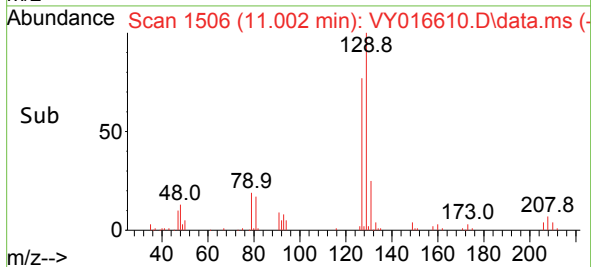
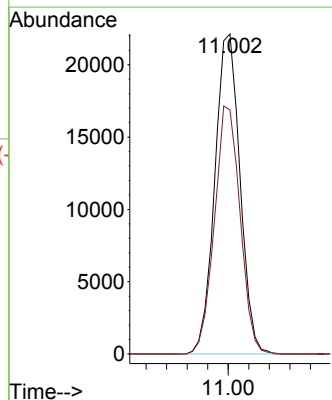
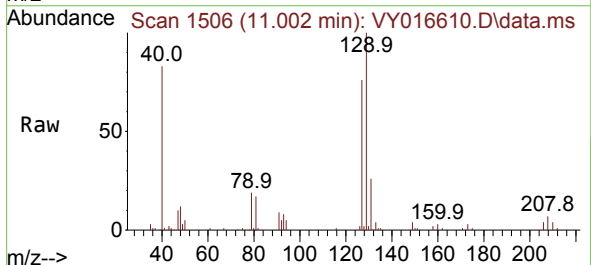


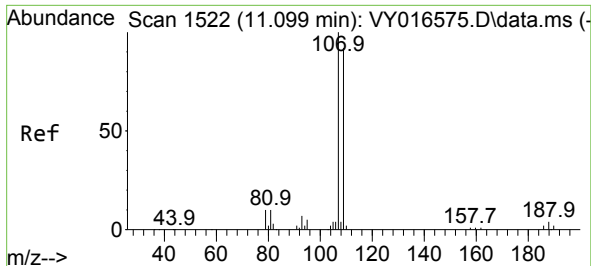
Tgt Ion: 43 Resp: 81793
Ion Ratio Lower Upper
43 100
58 56.3 25.1 75.3



#60
Dibromochloromethane
Concen: 19.408 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 129 Resp: 37635
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5

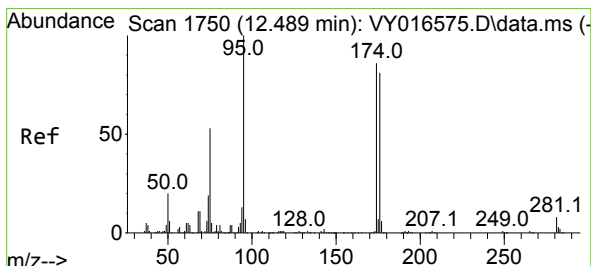
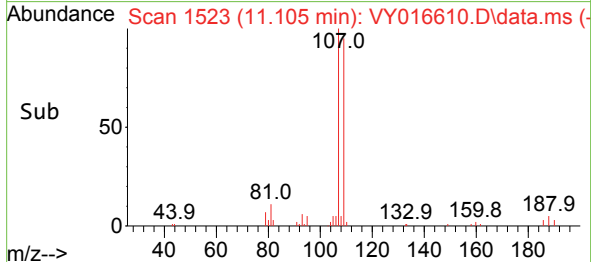
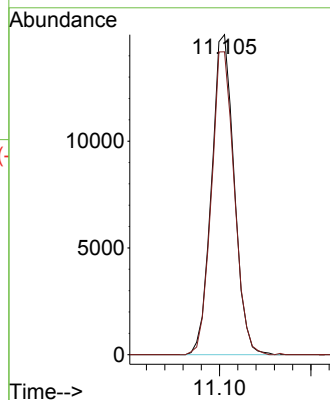
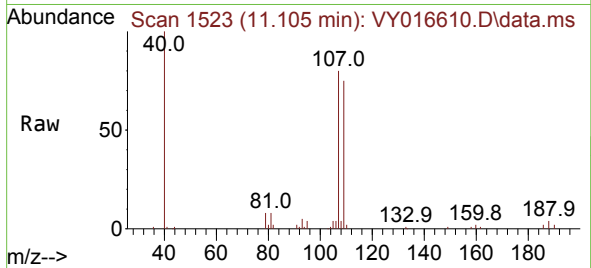




#61
1,2-Dibromoethane
Concen: 18.870 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

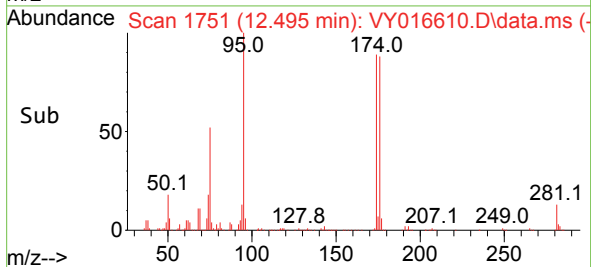
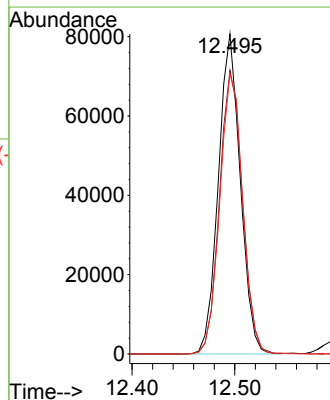
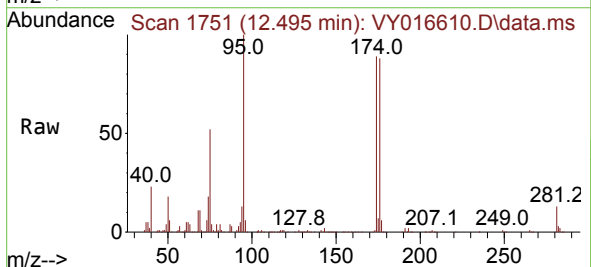
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBSD01

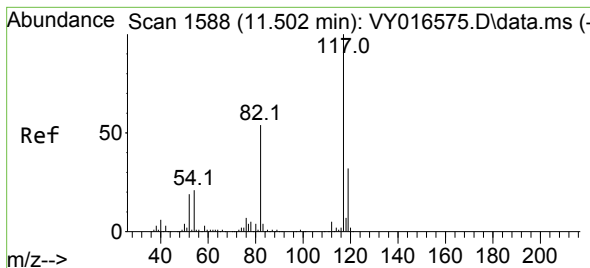
Tgt Ion:107 Resp: 25759
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.160 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 95 Resp: 119540
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.2
176 91.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11508

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

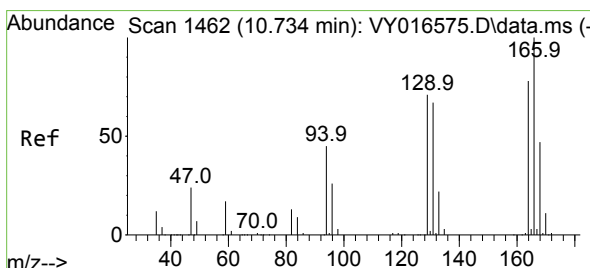
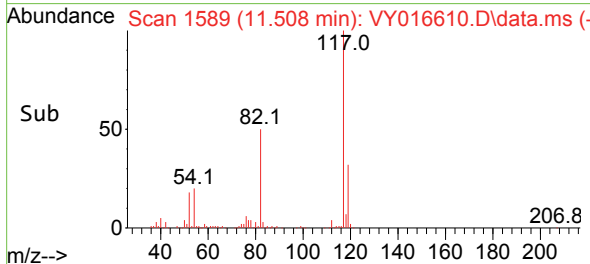
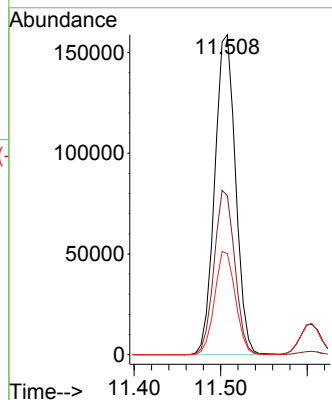
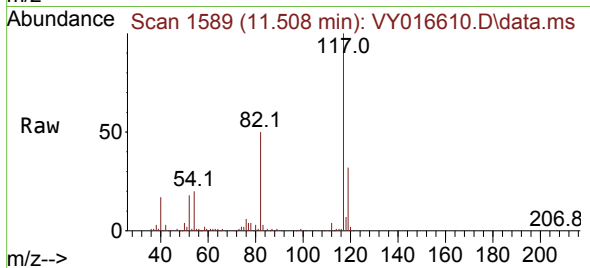
Tgt Ion:117 Resp: 265377

Ion Ratio Lower Upper

117 100

82 49.6 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 20.633 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Tgt Ion:164 Resp: 50181

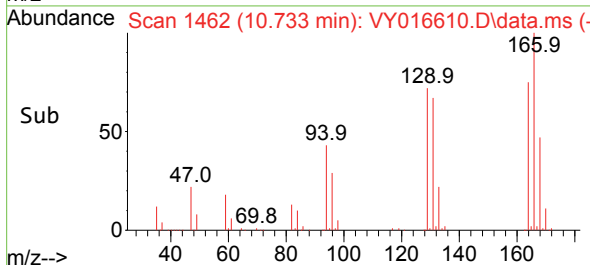
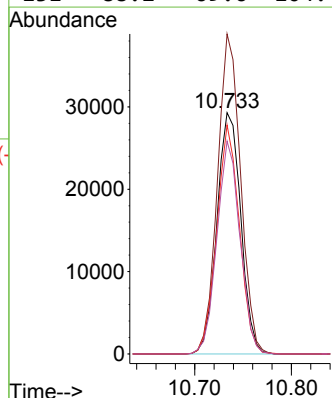
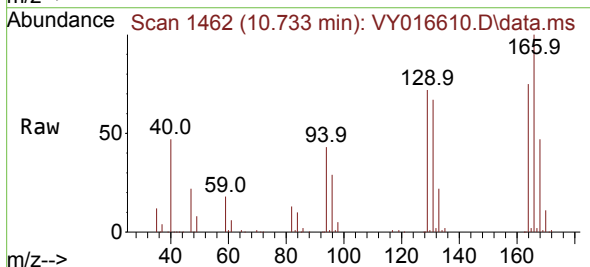
Ion Ratio Lower Upper

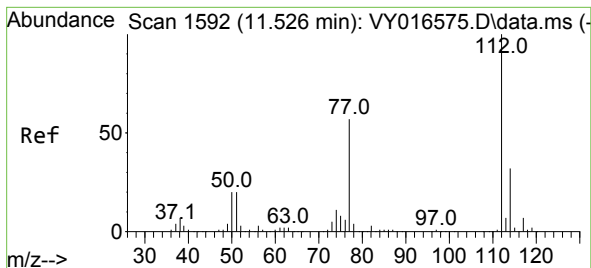
164 100

166 132.6 103.0 154.6

129 94.9 77.2 115.8

131 88.2 69.6 104.4





#65

Chlorobenzene

Concen: 19.766 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

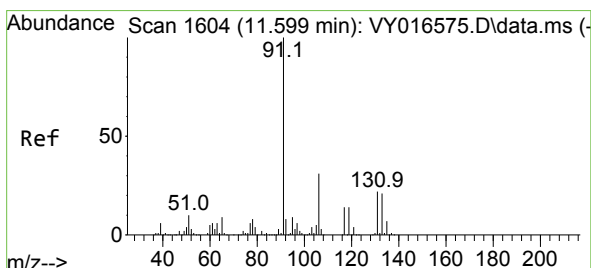
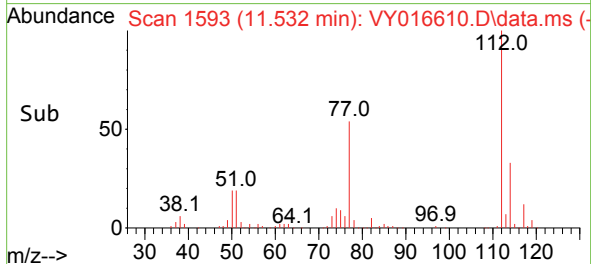
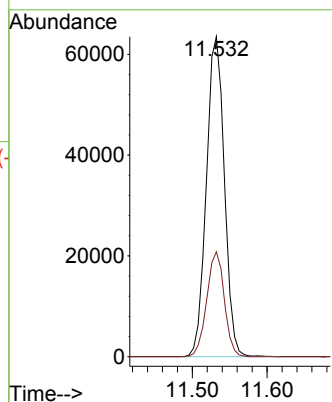
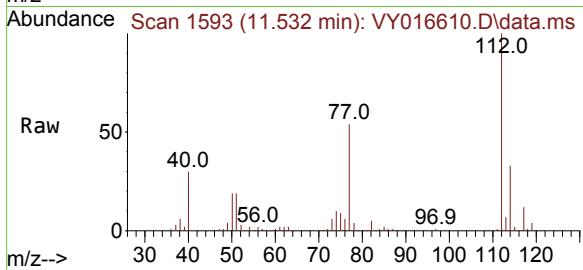
VY1206SBS01

Tgt Ion:112 Resp: 106245

Ion Ratio Lower Upper

112 100

114 32.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.156 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

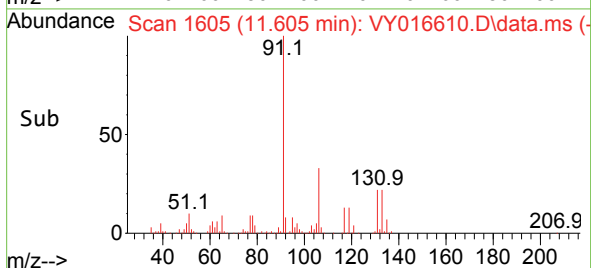
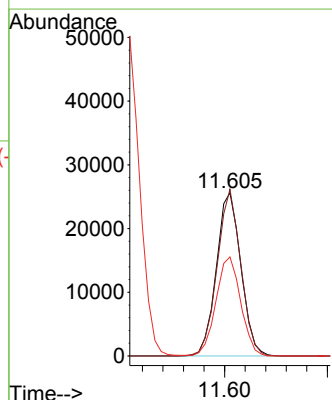
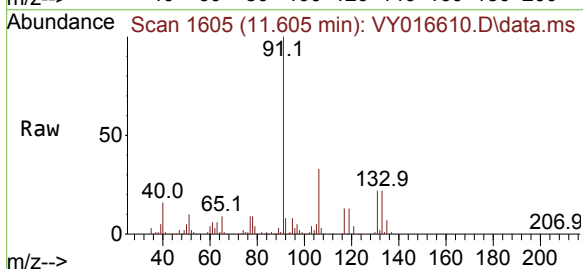
Tgt Ion:131 Resp: 42343

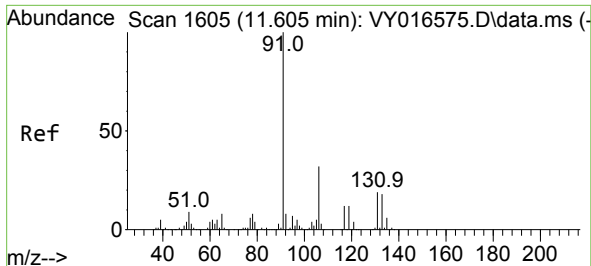
Ion Ratio Lower Upper

131 100

133 98.2 47.5 142.6

119 61.2 31.6 94.7





#67

Ethyl Benzene

Concen: 19.398 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

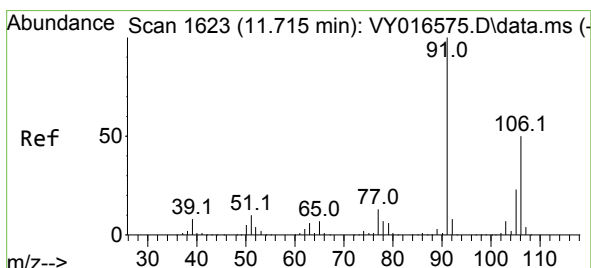
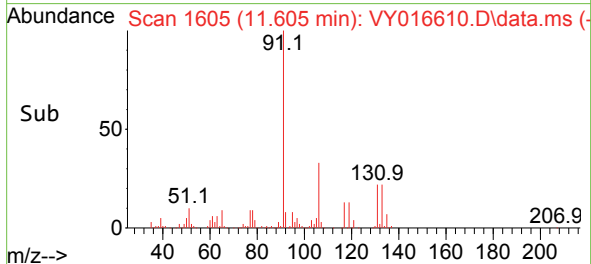
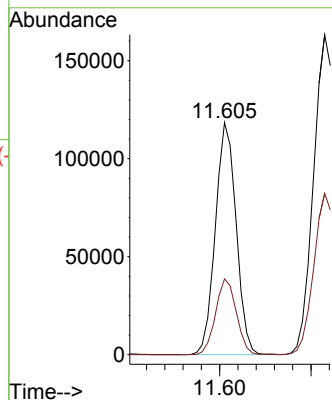
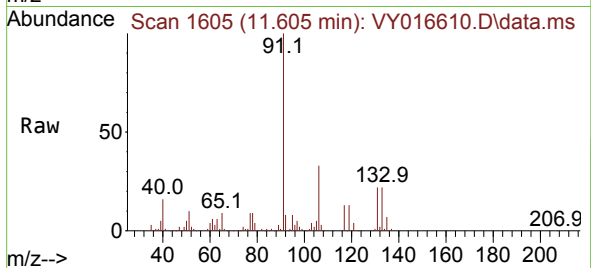
VY1206SBS01

Tgt Ion: 91 Resp: 186994

Ion Ratio Lower Upper

91 100

106 32.7 24.6 36.8



#68

m/p-Xylenes

Concen: 40.644 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016610.D

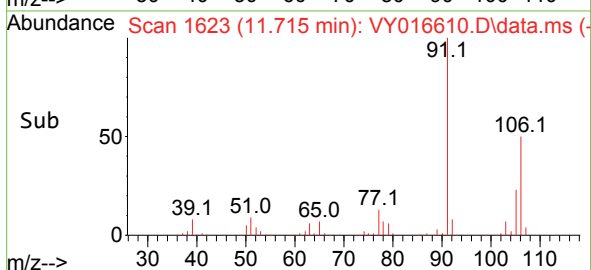
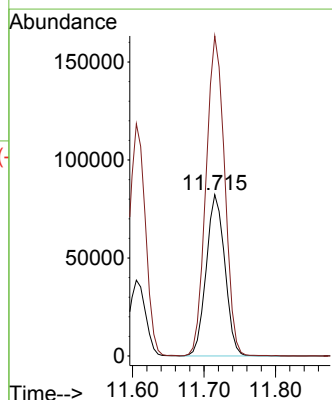
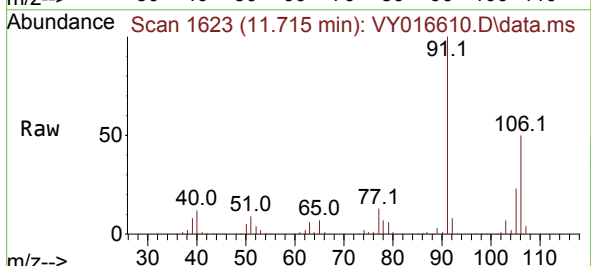
Acq: 06 Dec 2023 12:38

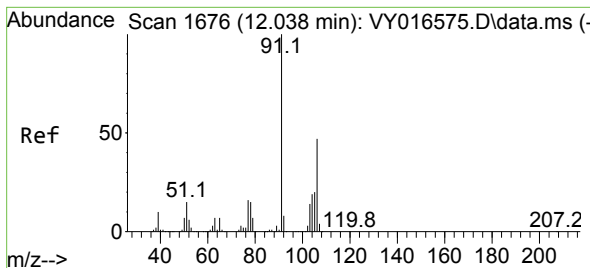
Tgt Ion:106 Resp: 148736

Ion Ratio Lower Upper

106 100

91 199.1 166.1 249.1





#69

o-Xylene

Concen: 20.447 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

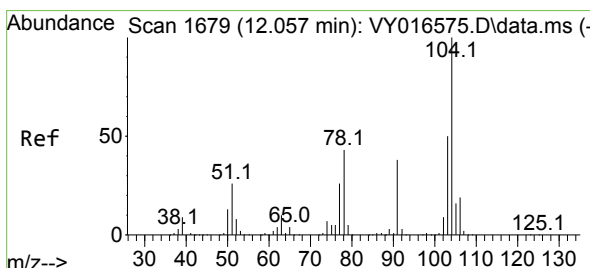
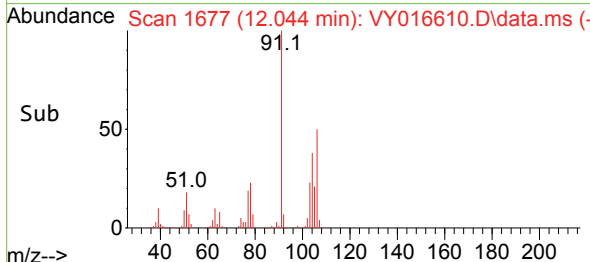
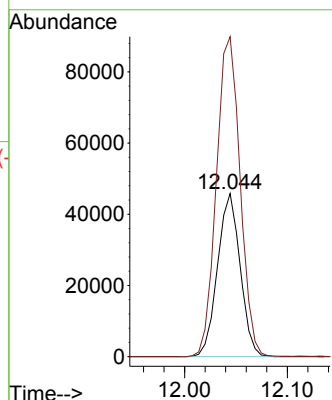
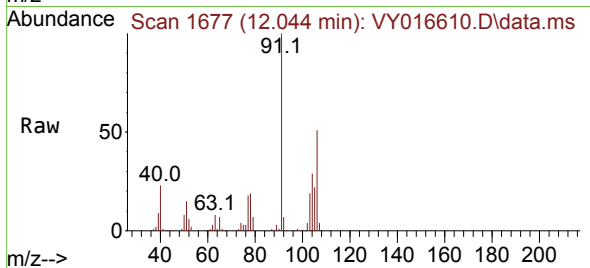
VY1206SBS01

Tgt Ion:106 Resp: 69850

Ion Ratio Lower Upper

106 100

91 206.1 108.1 324.3



#70

Styrene

Concen: 20.439 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

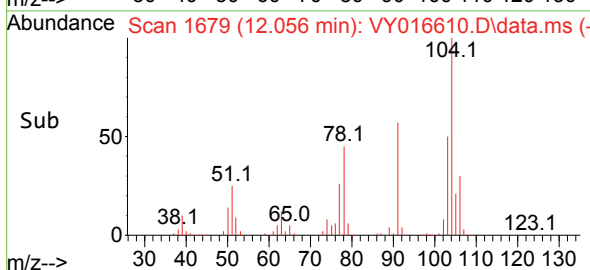
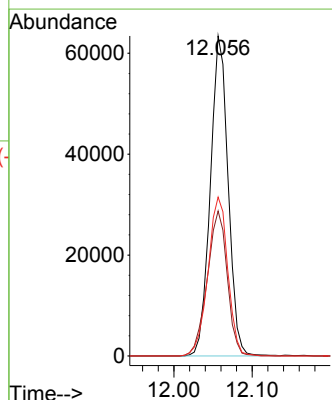
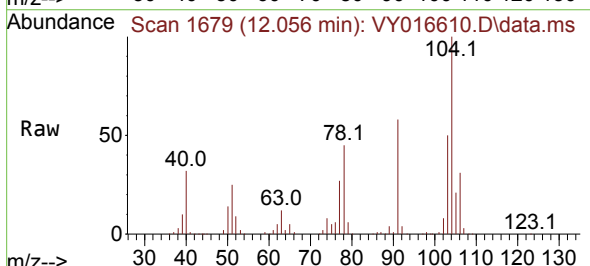
Tgt Ion:104 Resp: 100184

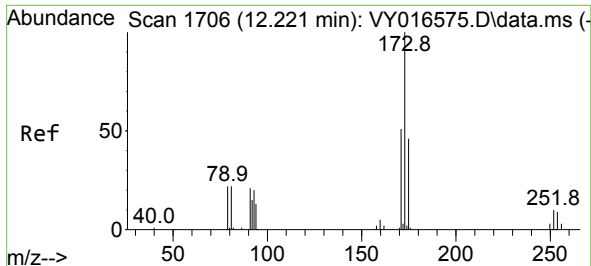
Ion Ratio Lower Upper

104 100

78 50.8 41.5 62.3

103 55.3 44.6 67.0

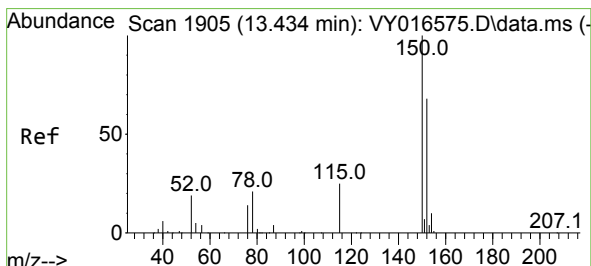
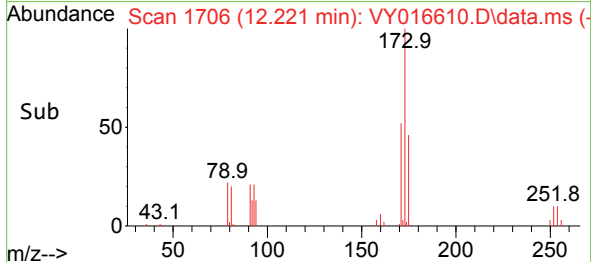
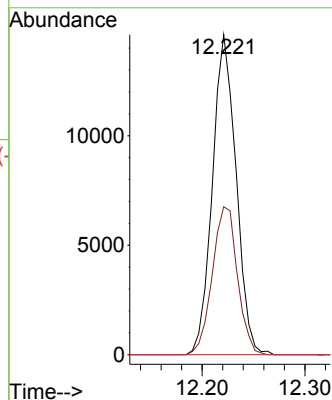
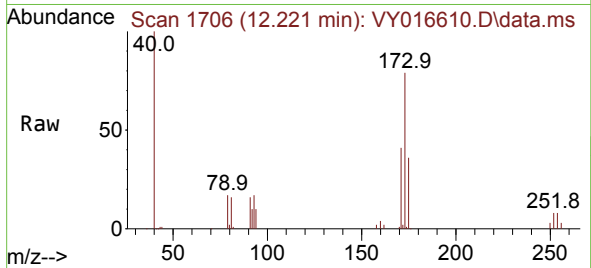




#71
Bromoform
Concen: 20.586 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

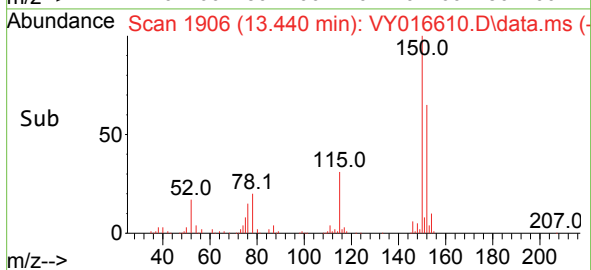
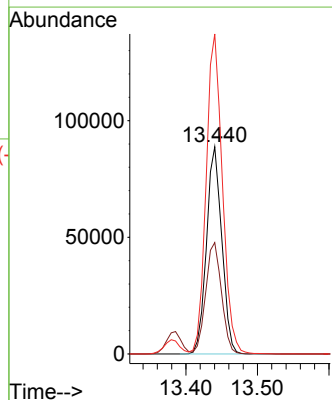
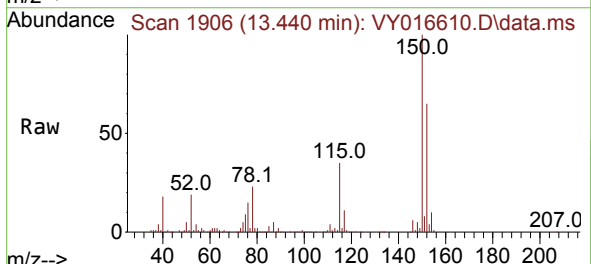
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

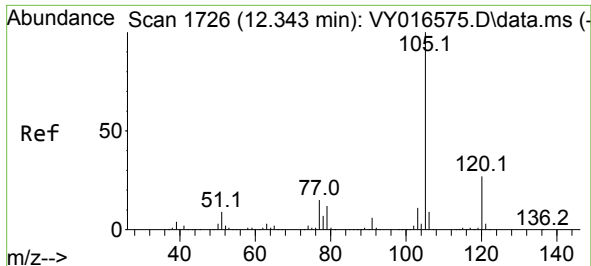
Tgt Ion:173 Resp: 23353
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion:152 Resp: 132214
Ion Ratio Lower Upper
152 100
115 55.4 28.8 86.5
150 163.9 0.0 348.8

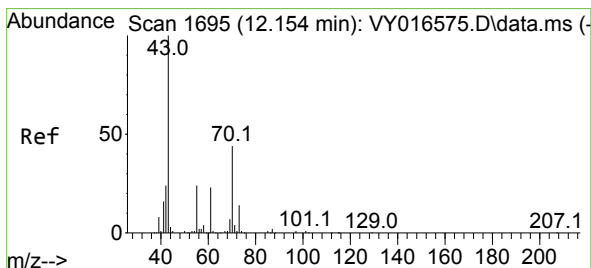
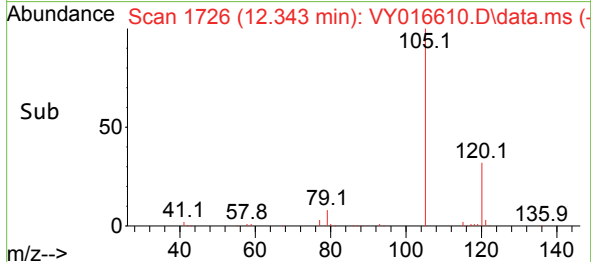
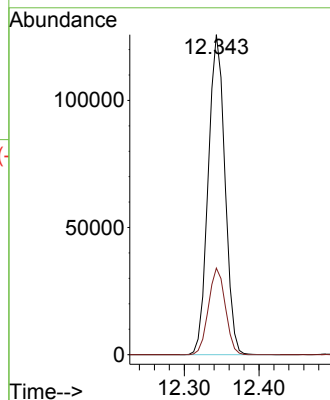
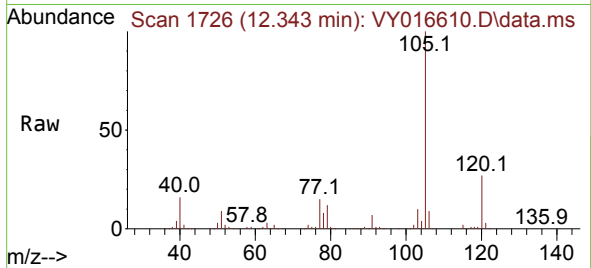




#73
Isopropylbenzene
Concen: 19.967 ug/l
RT: 12.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

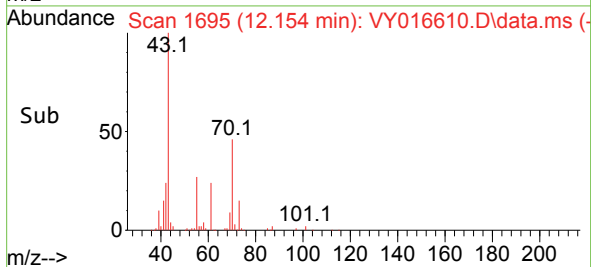
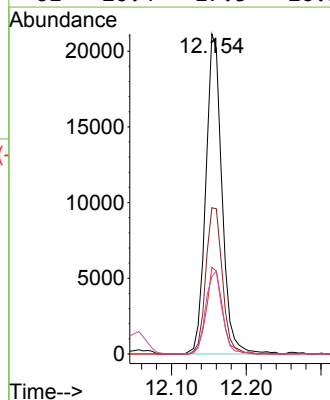
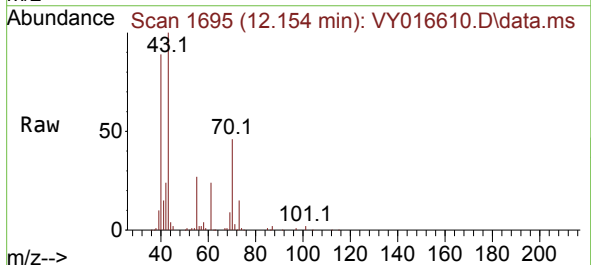
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

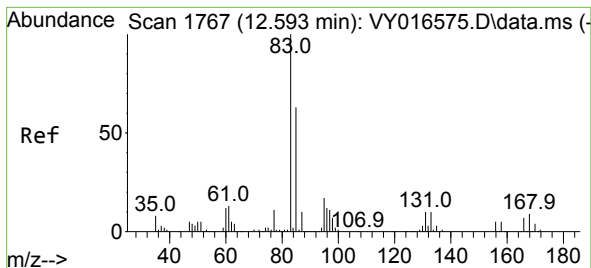
Tgt Ion:105 Resp: 195483
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



#74
N-ethyl acetate
Concen: 16.263 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 43 Resp: 31747
Ion Ratio Lower Upper
43 100
70 46.7 29.7 44.5#
55 26.8 18.3 27.5
61 26.4 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 16.836 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

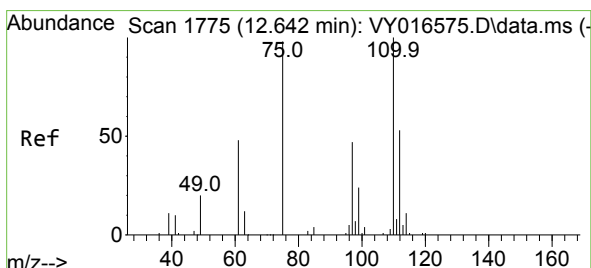
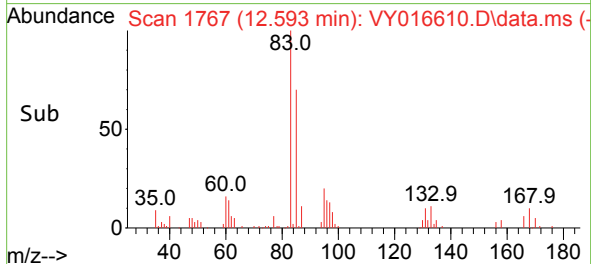
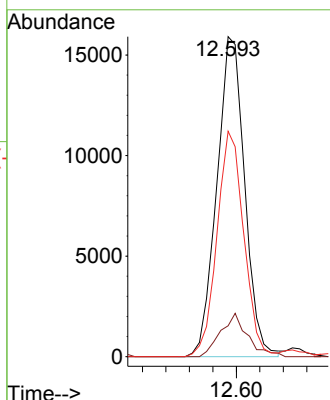
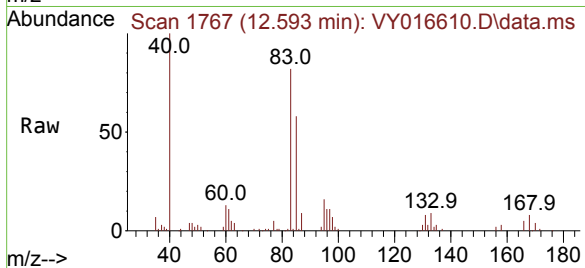
Tgt Ion: 83 Resp: 26216

Ion Ratio Lower Upper

83 100

131 13.1 5.4 16.2

85 68.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.698 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016610.D

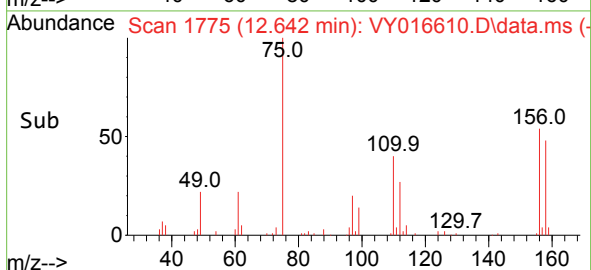
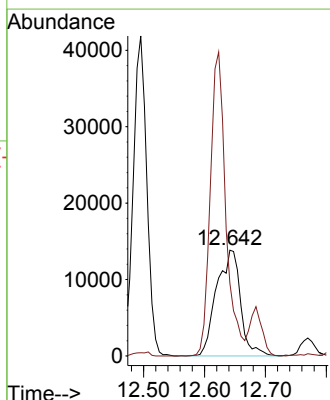
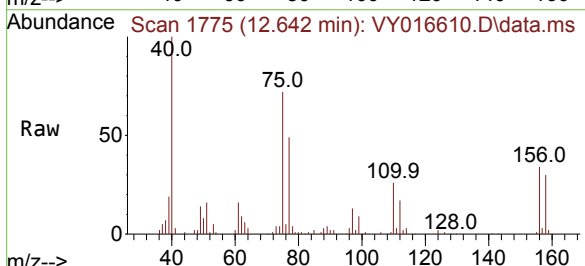
Acq: 06 Dec 2023 12:38

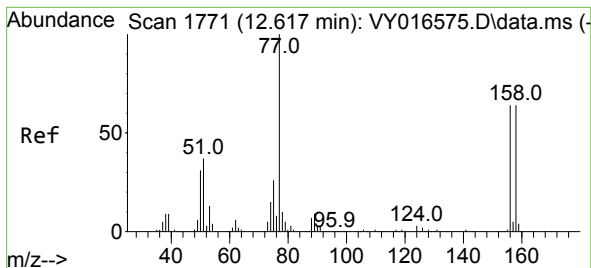
Tgt Ion: 75 Resp: 37858

Ion Ratio Lower Upper

75 100

77 186.5 0.0 0.0#





#77

Bromobenzene

Concen: 20.767 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

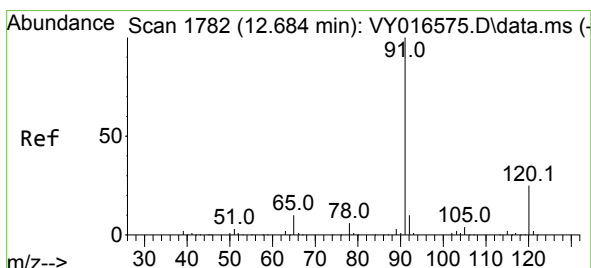
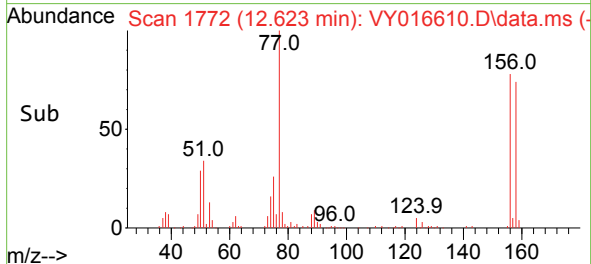
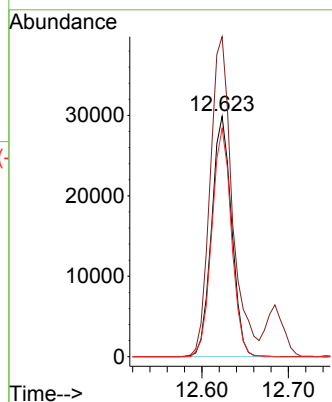
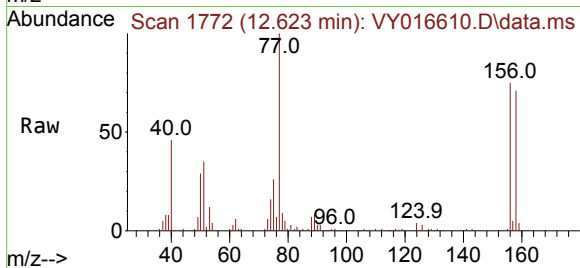
Tgt Ion:156 Resp: 47916

Ion Ratio Lower Upper

156 100

77 147.4 92.8 278.6

158 93.3 48.4 145.3



#78

n-propylbenzene

Concen: 19.289 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016610.D

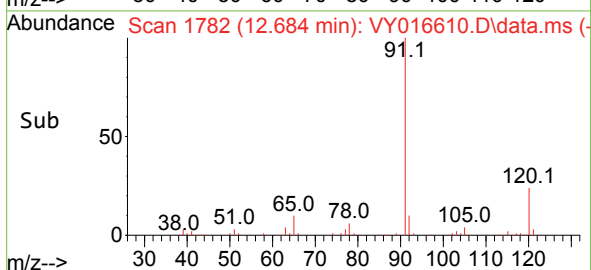
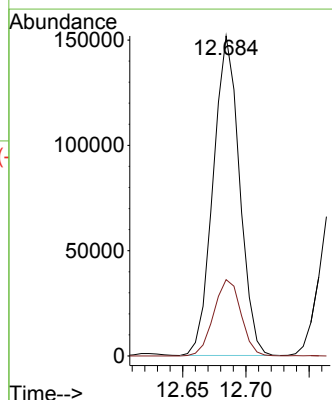
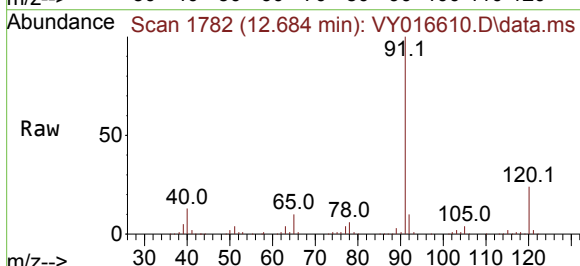
Acq: 06 Dec 2023 12:38

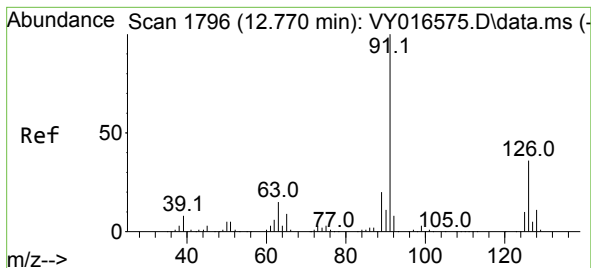
Tgt Ion: 91 Resp: 219800

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4

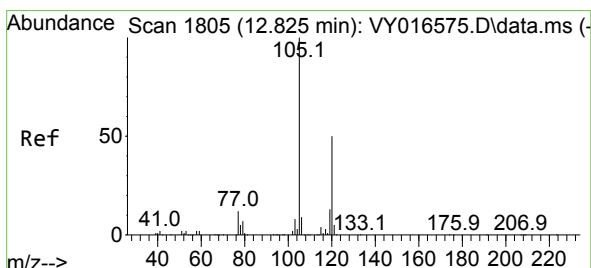
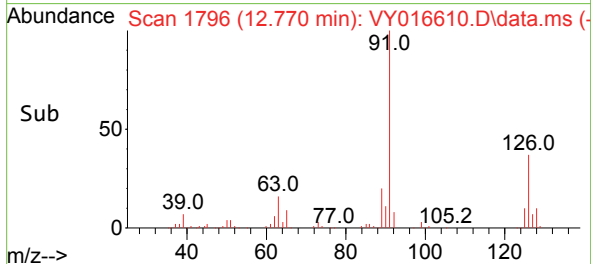
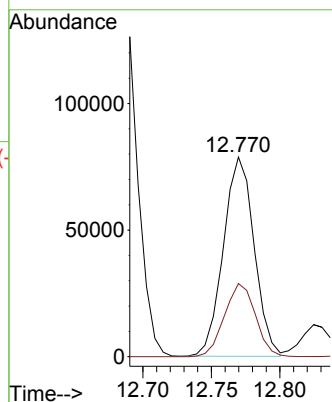
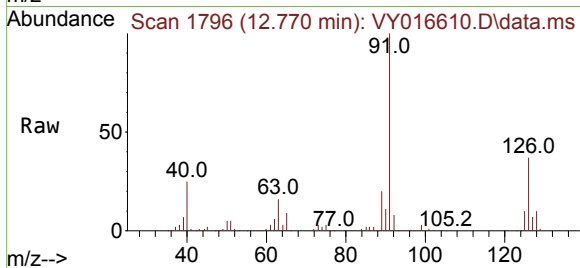




#79
2-Chlorotoluene
Concen: 19.180 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

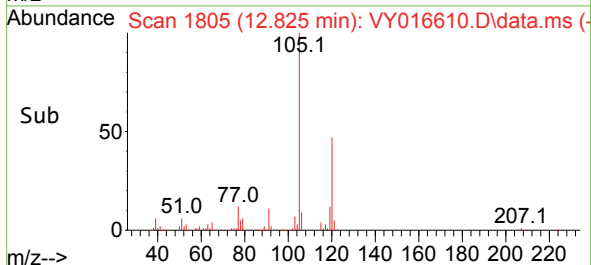
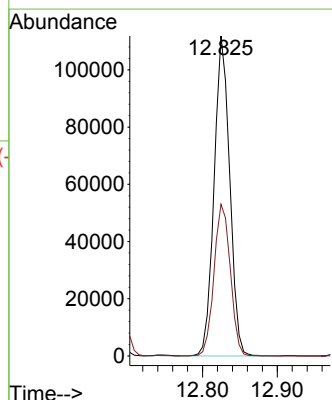
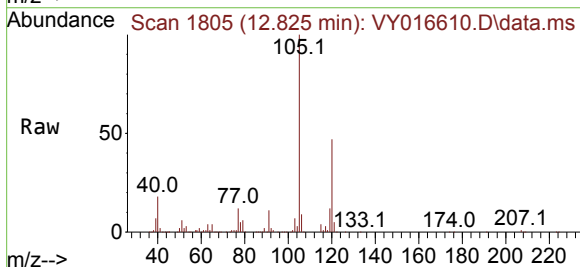
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

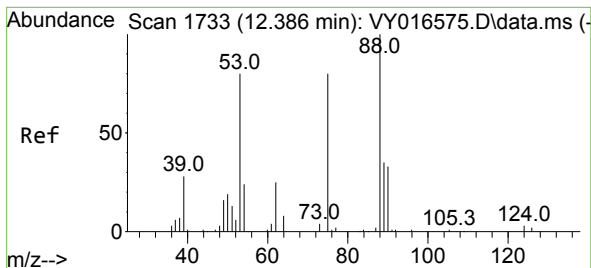
Tgt Ion: 91 Resp: 123158
Ion Ratio Lower Upper
91 100
126 36.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.425 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion:105 Resp: 162480
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

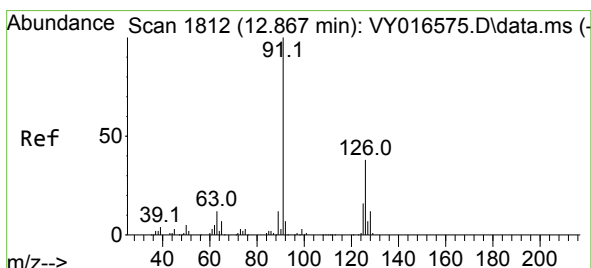
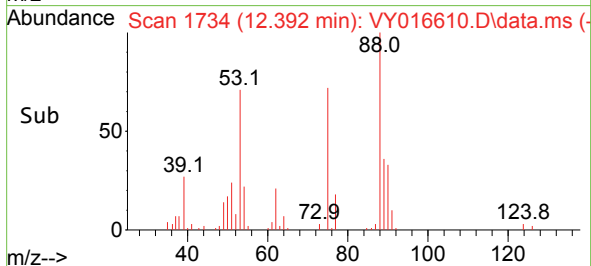
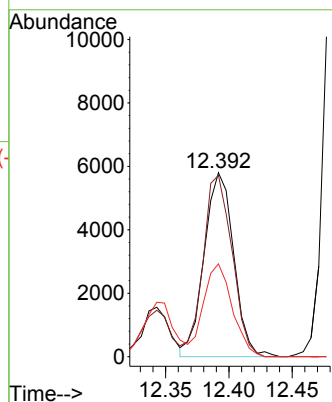
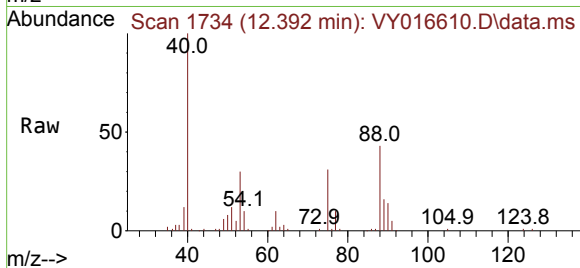




#81
trans-1,4-Dichloro-2-butene
Concen: 17.790 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

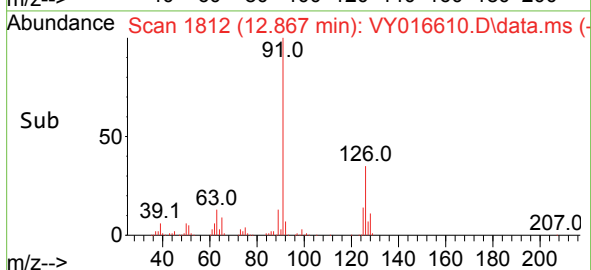
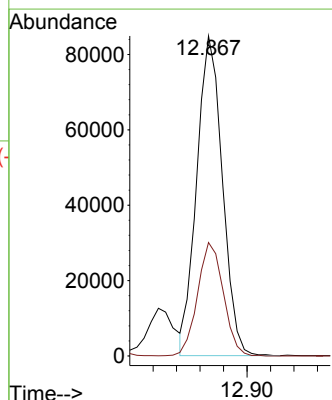
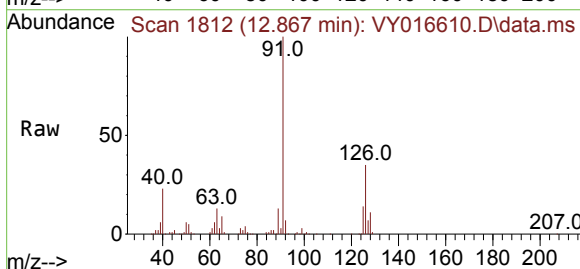
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

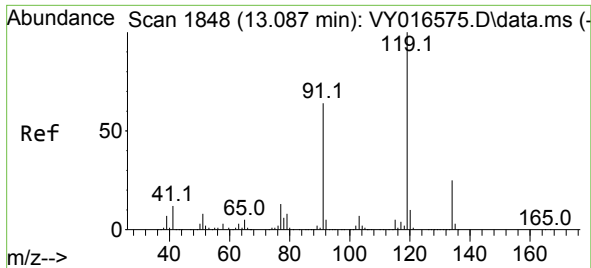
Tgt Ion: 75 Resp: 9419
Ion Ratio Lower Upper
75 100
53 97.2 77.8 116.8
89 49.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.345 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion: 91 Resp: 128533
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6

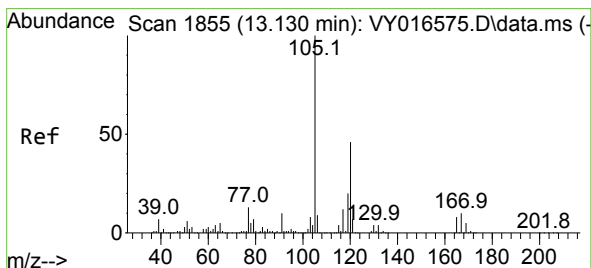
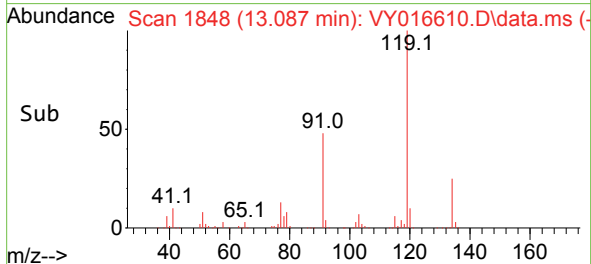
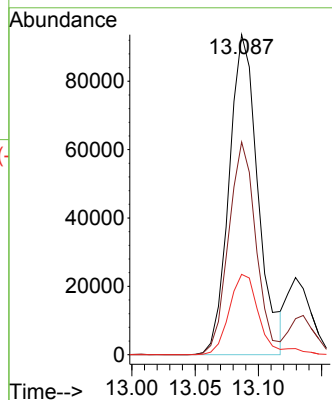
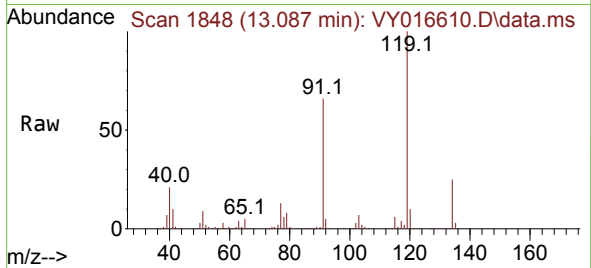




#83
tert-Butylbenzene
Concen: 20.978 ug/l
RT: 13.087 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

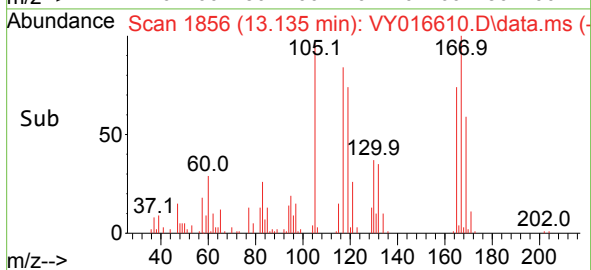
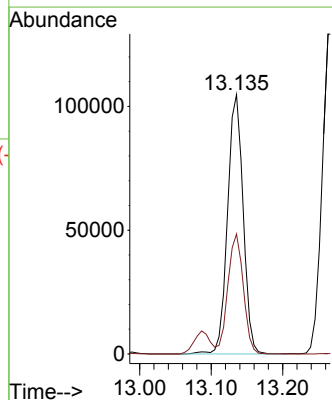
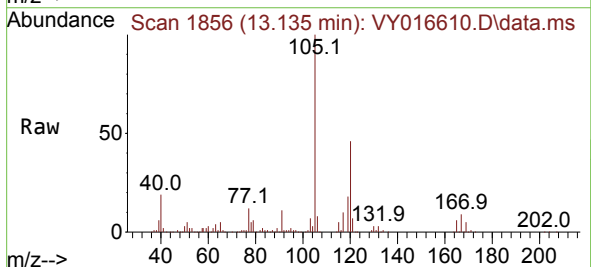
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

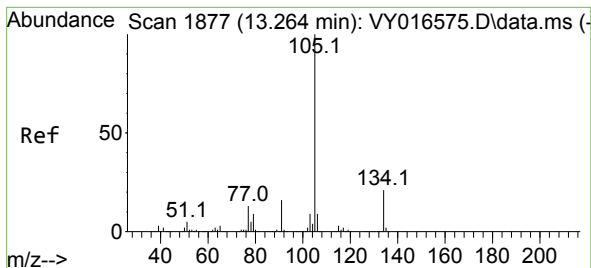
Tgt Ion:119 Resp: 149103
Ion Ratio Lower Upper
119 100
91 63.2 32.9 98.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.418 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion:105 Resp: 158651
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.108 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

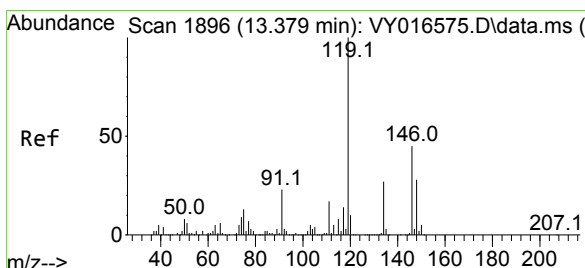
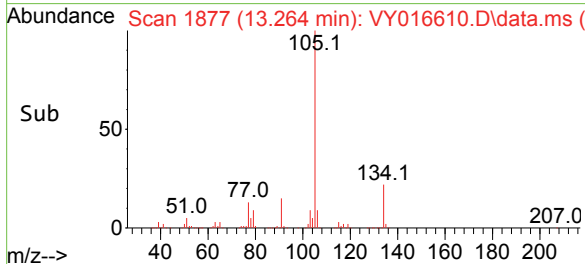
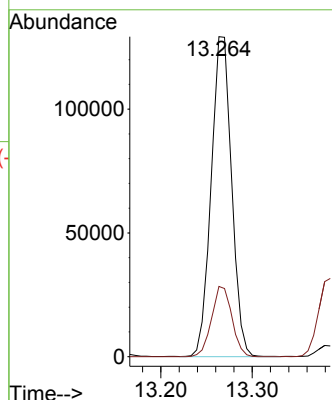
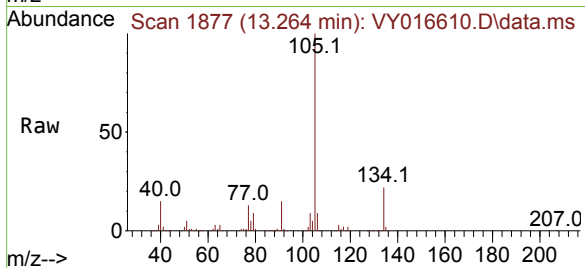
VY1206SBS01

Tgt Ion:105 Resp: 200731

Ion Ratio Lower Upper

105 100

134 21.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.498 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

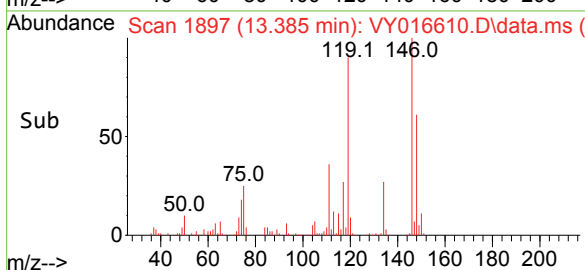
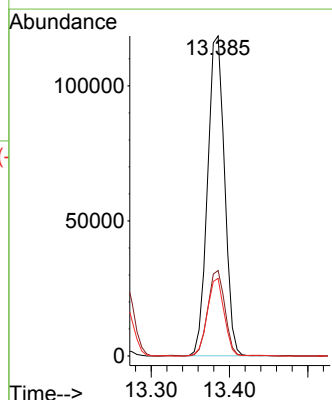
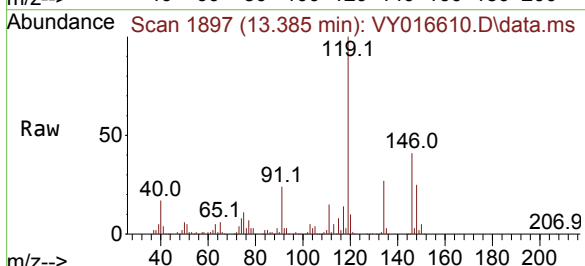
Tgt Ion:119 Resp: 177622

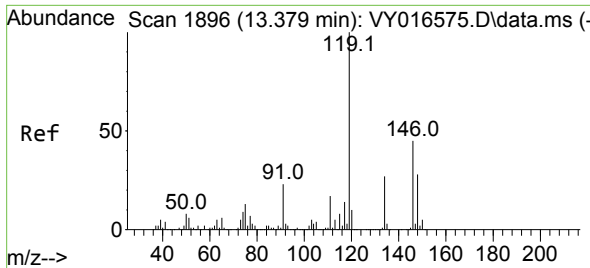
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 24.2 12.4 37.4

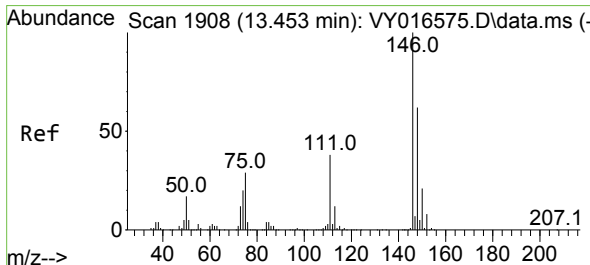
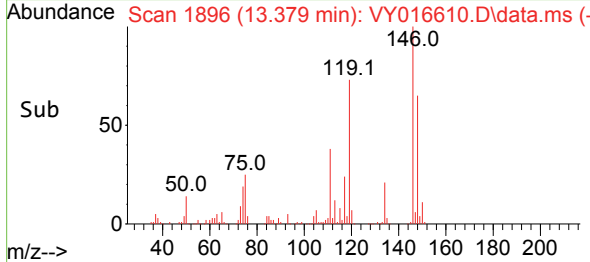
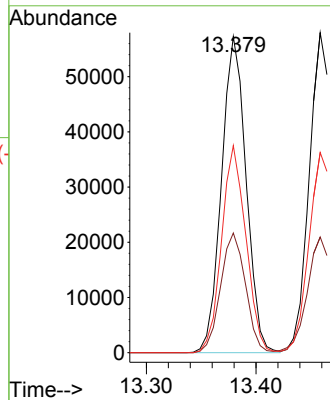
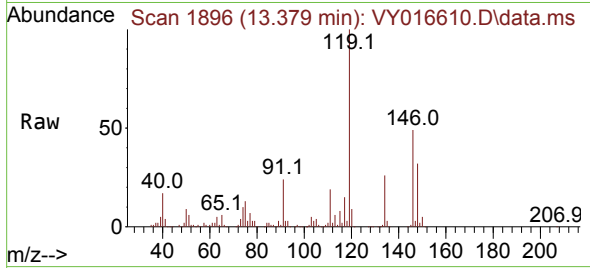




#87
1,3-Dichlorobenzene
Concen: 20.291 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

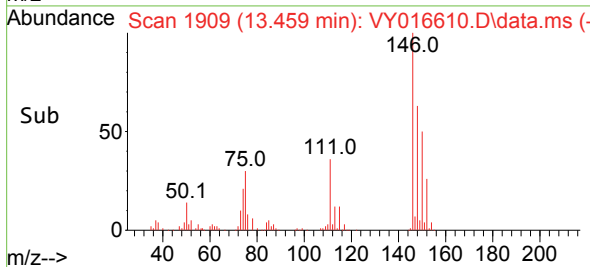
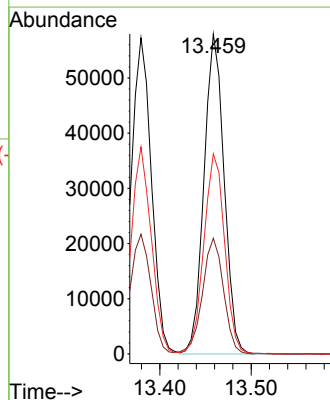
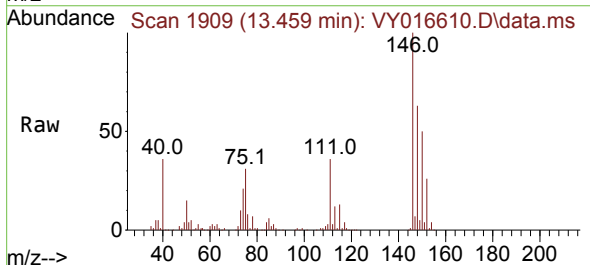
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

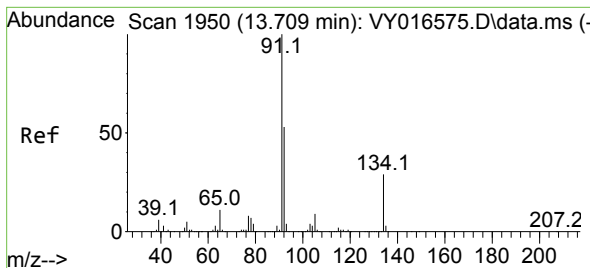
Tgt Ion:146 Resp: 89372
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 64.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.462 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016610.D
Acq: 06 Dec 2023 12:38

Tgt Ion:146 Resp: 88449
Ion Ratio Lower Upper
146 100
111 38.0 18.9 56.7
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 19.750 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

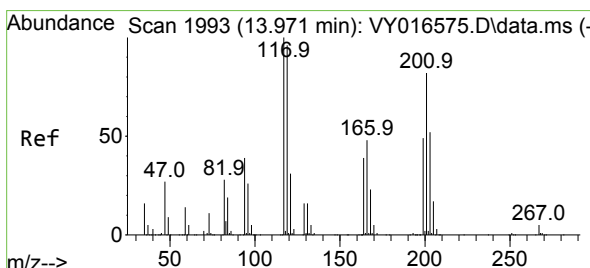
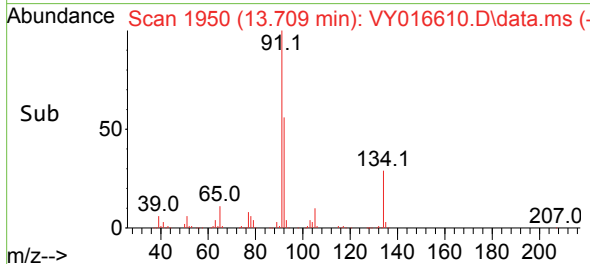
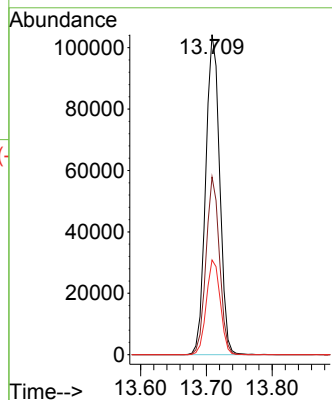
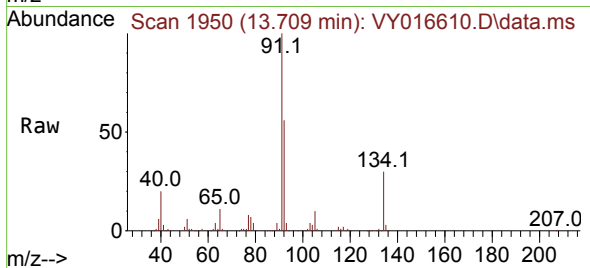
Tgt Ion: 91 Resp: 153912

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 29.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.254 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016610.D

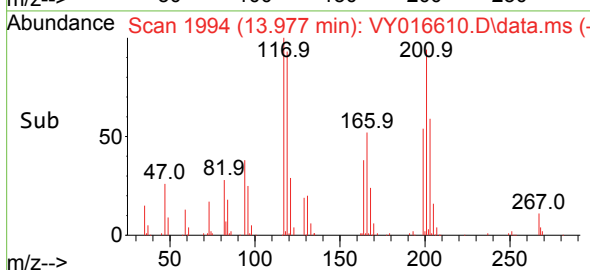
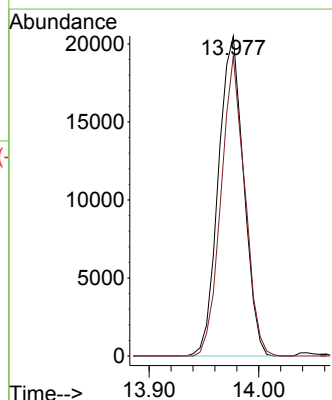
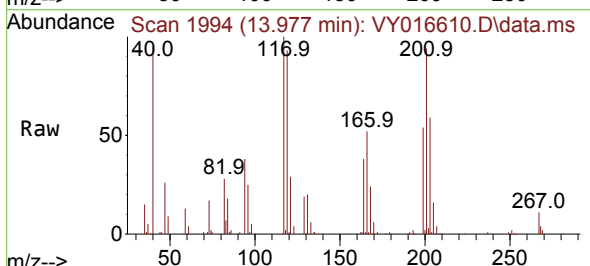
Acq: 06 Dec 2023 12:38

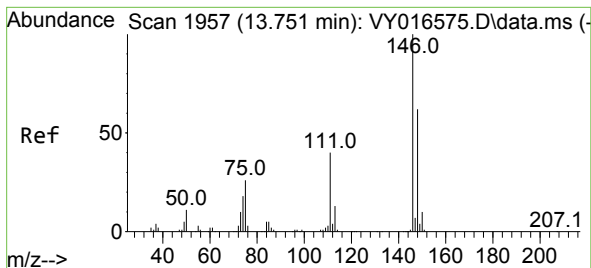
Tgt Ion: 117 Resp: 32829

Ion Ratio Lower Upper

117 100

201 88.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.704 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

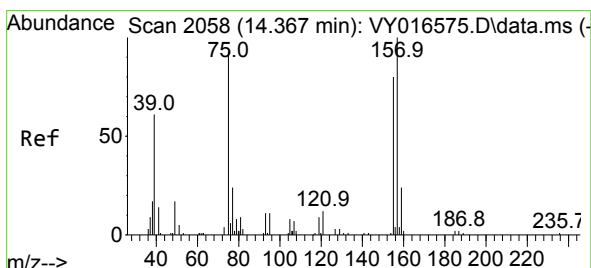
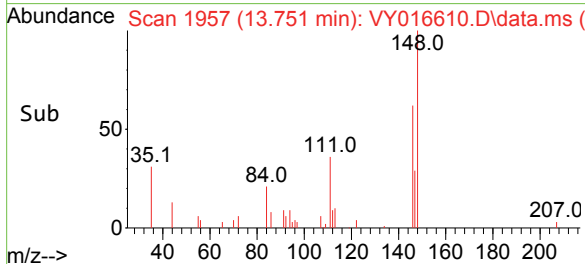
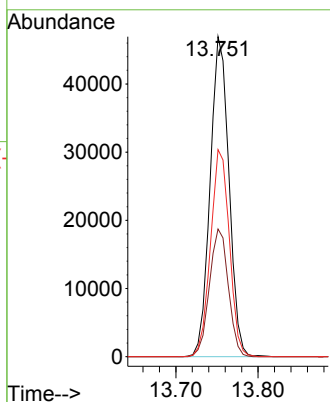
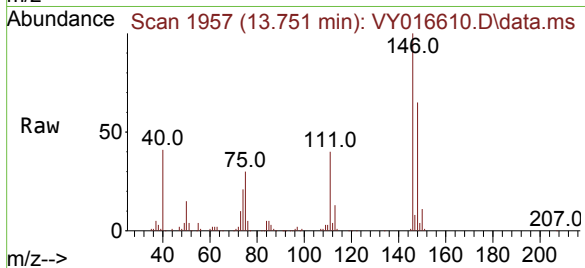
Tgt Ion:146 Resp: 74513

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 64.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.488 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

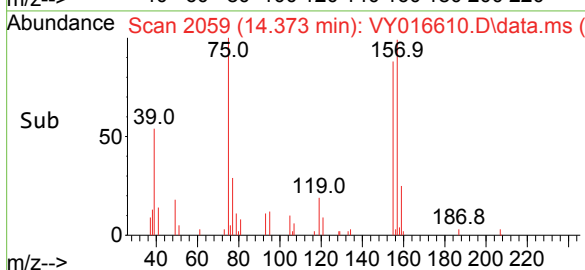
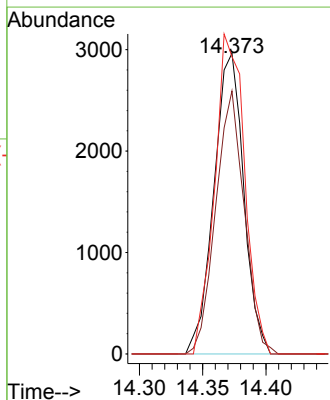
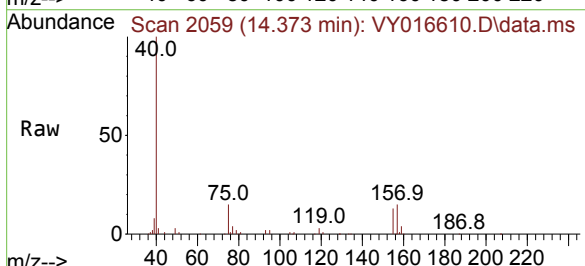
Tgt Ion: 75 Resp: 4856

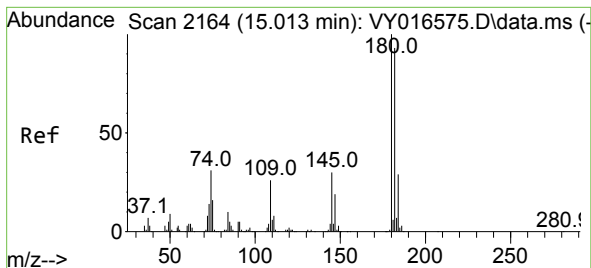
Ion Ratio Lower Upper

75 100

155 83.7 41.5 124.6

157 107.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.880 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

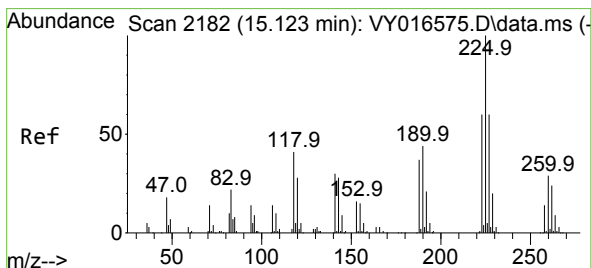
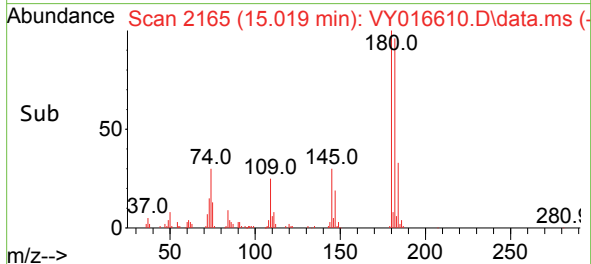
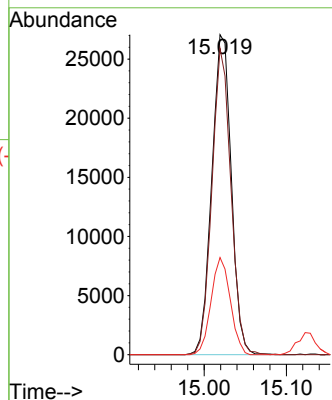
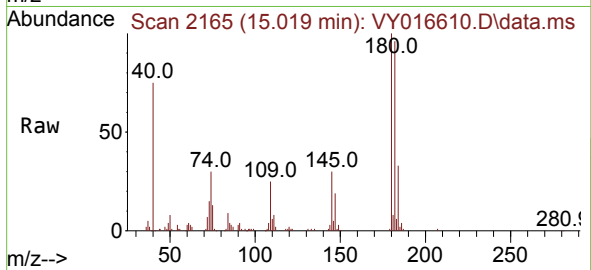
Tgt Ion:180 Resp: 44556

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.988 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

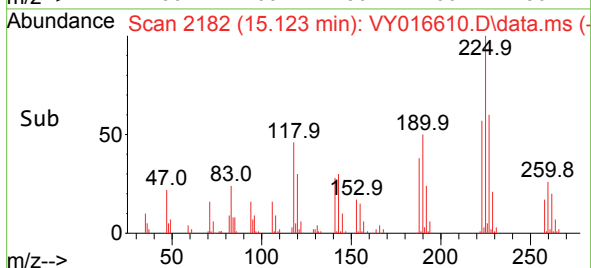
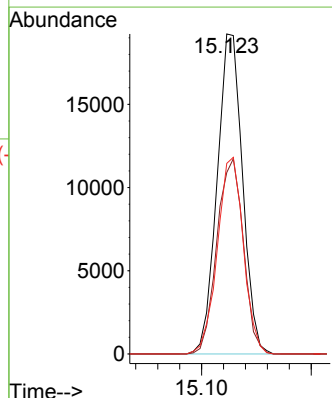
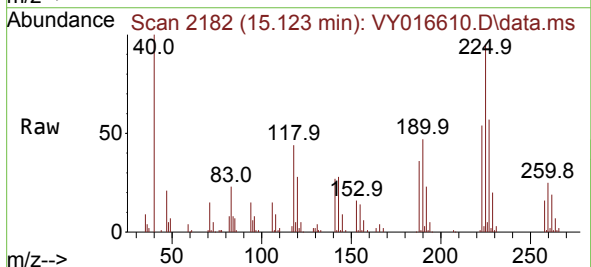
Tgt Ion:225 Resp: 30992

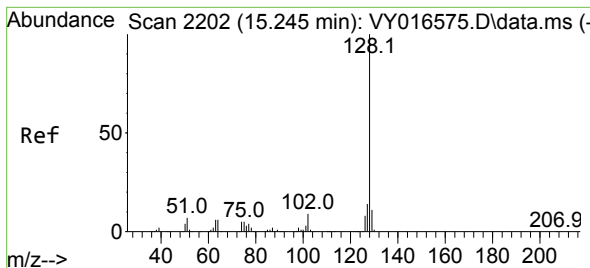
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 62.7 33.0 98.9





#95

Naphthalene

Concen: 22.098 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

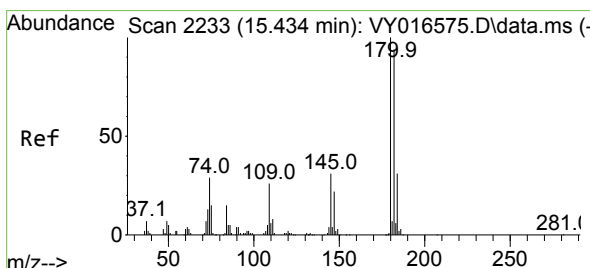
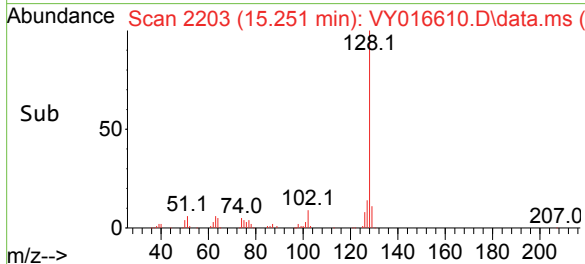
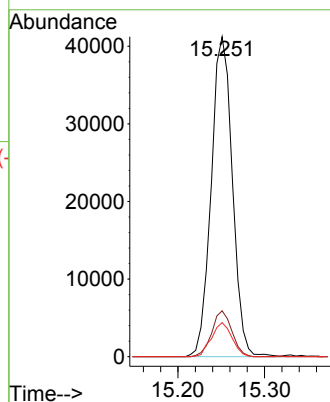
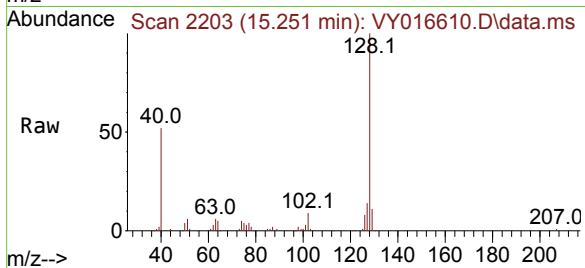
Tgt Ion:128 Resp: 70037

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 10.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.798 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016610.D

Acq: 06 Dec 2023 12:38

Tgt Ion:180 Resp: 35736

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

145 32.0 15.4 46.2

