

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016228.D
 Acq On : 06 Nov 2023 11:16
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 23:54:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	157844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	253808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	219150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	73603	49.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.728	113	75010	49.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.185	98	301653	50.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.489	95	98363	47.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18984	18.854	ug/l	100
3) Chloromethane	2.119	50	24282	17.418	ug/l	96
4) Vinyl Chloride	2.259	62	26439	18.376	ug/l	96
5) Bromomethane	2.656	94	18478	19.030	ug/l	96
6) Chloroethane	2.802	64	19452	19.203	ug/l	97
7) Trichlorofluoromethane	3.131	101	46567	21.438	ug/l	99
8) Diethyl Ether	3.533	74	14729	20.459	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	29395	21.481	ug/l	95
10) Methyl Iodide	4.100	142	29127	19.142	ug/l	95
11) Tert butyl alcohol	4.972	59	10985	99.543	ug/l #	85
12) 1,1-Dichloroethene	3.887	96	24904	19.939	ug/l	92
13) Acrolein	3.735	56	11229	105.904	ug/l	99
14) Allyl chloride	4.491	41	39968	22.372	ug/l #	93
15) Acrylonitrile	5.173	53	32296	104.981	ug/l	99
16) Acetone	3.960	43	24249	90.690	ug/l	90
17) Carbon Disulfide	4.210	76	51961	16.664	ug/l	97
18) Methyl Acetate	4.484	43	24443	20.578	ug/l	91
19) Methyl tert-butyl Ether	5.234	73	75567	21.270	ug/l	100
20) Methylene Chloride	4.722	84	35288	21.770	ug/l	88
21) trans-1,2-Dichloroethene	5.234	96	29649	20.379	ug/l	91
22) Diisopropyl ether	6.131	45	96055	22.229	ug/l #	87
23) Vinyl Acetate	6.070	43	220100	103.744	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	57376	22.186	ug/l	99
25) 2-Butanone	6.990	43	40754	100.013	ug/l	92
26) 2,2-Dichloropropane	6.990	77	52556	21.498	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	36994	21.607	ug/l	93
28) Bromochloromethane	7.350	49	19801	20.461	ug/l	89
29) Tetrahydrofuran	7.356	42	25633	100.349	ug/l	88
30) Chloroform	7.514	83	61713	21.919	ug/l	99
31) Cyclohexane	7.795	56	43881	19.327	ug/l	87
32) 1,1,1-Trichloroethane	7.710	97	54754	21.205	ug/l	98
36) 1,1-Dichloropropene	7.929	75	42950	19.657	ug/l	99
37) Ethyl Acetate	7.082	43	19583	20.123	ug/l	97
38) Carbon Tetrachloride	7.911	117	48271	22.299	ug/l	99
39) Methylcyclohexane	9.191	83	49690	19.052	ug/l	90
40) Benzene	8.167	78	127687	20.356	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8976	15.890	ug/l #	86
42) 1,2-Dichloroethane	8.246	62	36017	20.575	ug/l	94
43) Isopropyl Acetate	8.277	43	38402	19.949	ug/l #	91
44) Trichloroethene	8.947	130	37644	20.507	ug/l	94
45) 1,2-Dichloropropane	9.221	63	33326	22.085	ug/l	98
46) Dibromomethane	9.313	93	17940	20.958	ug/l	95
47) Bromodichloromethane	9.502	83	47499	21.839	ug/l	99
48) Methyl methacrylate	9.301	41	16691	19.068	ug/l	88
49) 1,4-Dioxane	9.307	88	3498	257.279	ug/l #	44
51) 4-Methyl-2-Pentanone	10.075	43	97847	101.871	ug/l	92
52) Toluene	10.252	92	83225	20.475	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	44849	20.657	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	53530	21.011	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	25933	21.537	ug/l	95
56) Ethyl methacrylate	10.520	69	30851	19.729	ug/l	88
57) 1,3-Dichloropropane	10.800	76	42374	20.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	80067	105.591	ug/l	93
59) 2-Hexanone	10.837	43	67425	102.439	ug/l	91
60) Dibromochloromethane	10.996	129	32088	21.242	ug/l	99
61) 1,2-Dibromoethane	11.099	107	23183	20.242	ug/l	99
64) Tetrachloroethene	10.727	164	37154	19.060	ug/l	97
65) Chlorobenzene	11.526	112	90821	20.859	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	35442	21.977	ug/l	98
67) Ethyl Benzene	11.599	91	162860	20.913	ug/l	98
68) m/p-Xylenes	11.709	106	125331	41.648	ug/l	94
69) o-Xylene	12.038	106	58753	20.449	ug/l	97
70) Styrene	12.050	104	98759	20.676	ug/l	95
71) Bromoform	12.215	173	18378	20.542	ug/l #	99
73) Isopropylbenzene	12.337	105	163627	21.156	ug/l	100
74) N-amyl acetate	12.154	43	32980	19.622	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	26828	21.798	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	35720	36.787	ug/l #	100
77) Bromobenzene	12.617	156	37038	21.148	ug/l	93
78) n-propylbenzene	12.678	91	194714	21.294	ug/l	99
79) 2-Chlorotoluene	12.764	91	107358	21.050	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	131142	20.928	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	9230	20.611	ug/l	94
82) 4-Chlorotoluene	12.861	91	110557	21.110	ug/l	99
83) tert-Butylbenzene	13.087	119	120214	21.441	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	129663	20.912	ug/l	98
85) sec-Butylbenzene	13.263	105	176271	21.420	ug/l	100
86) p-Isopropyltoluene	13.379	119	145484	21.331	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	72164	20.835	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	71916	21.007	ug/l	99
89) n-Butylbenzene	13.702	91	133648	21.326	ug/l	97
90) Hexachloroethane	13.971	117	26968	22.945	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	63287	21.148	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4190	19.023	ug/l	92
93) 1,2,4-Trichlorobenzene	15.019	180	37035	20.050	ug/l	99
94) Hexachlorobutadiene	15.123	225	22122	21.917	ug/l	99
95) Naphthalene	15.245	128	63946	17.820	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	30390	19.260	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

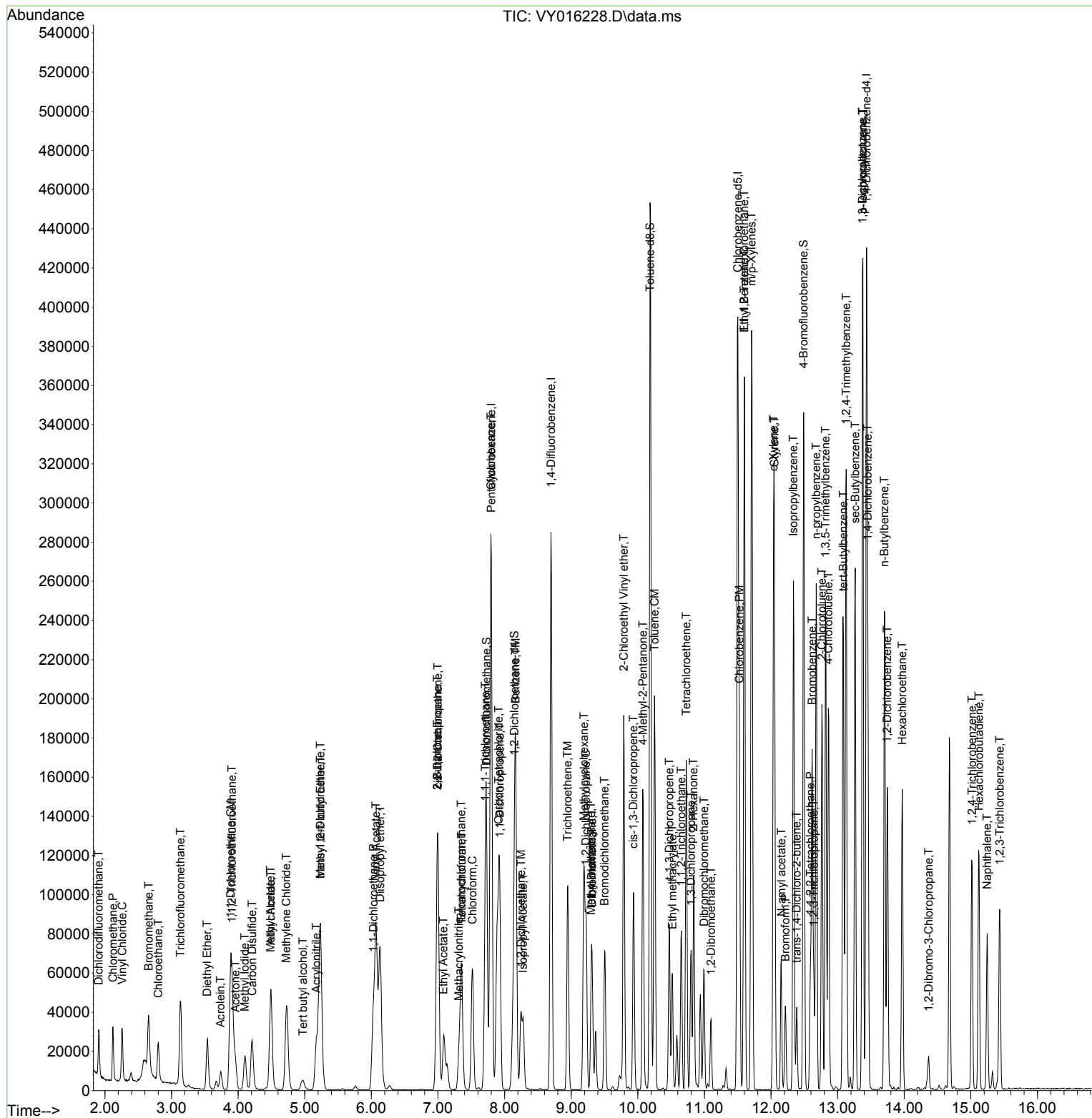
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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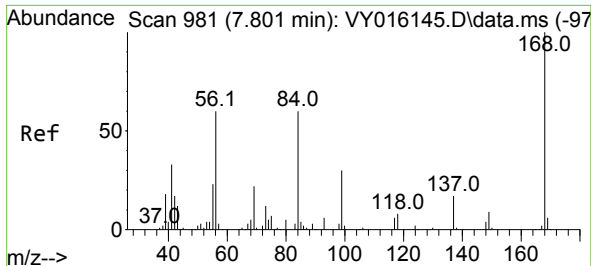
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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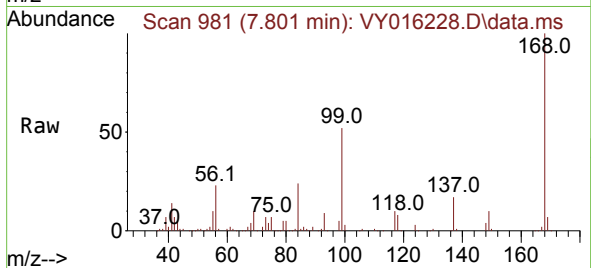
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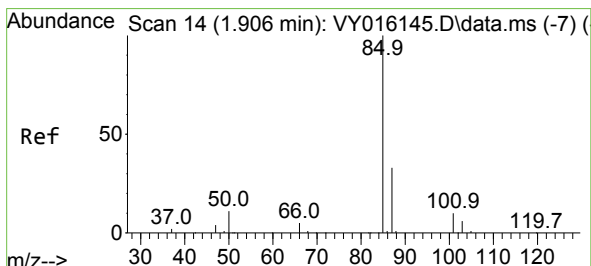
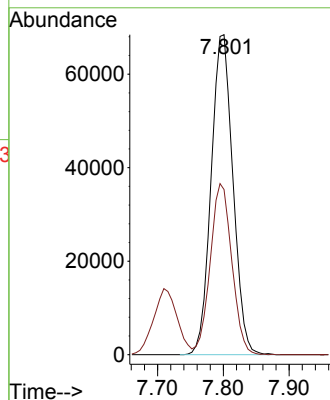
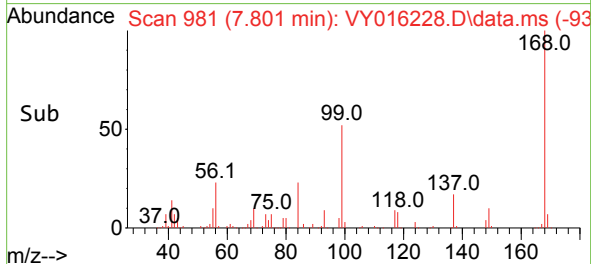


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
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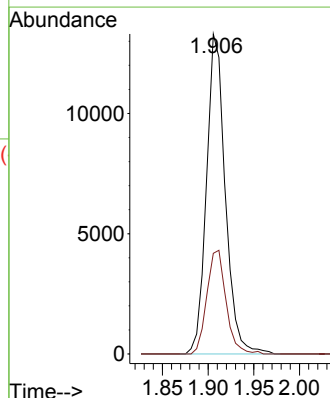
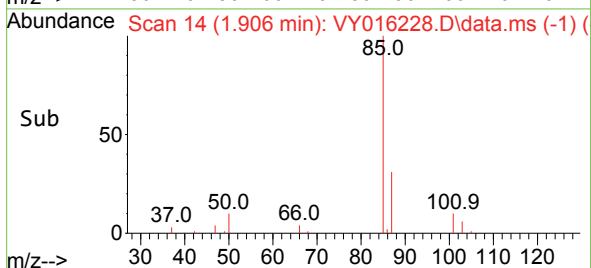
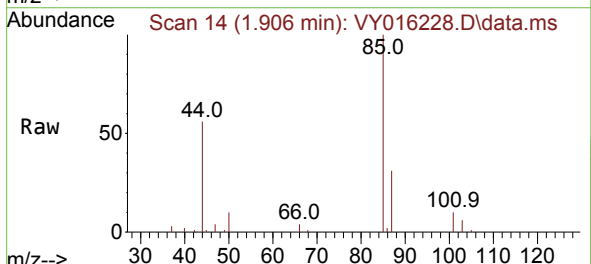


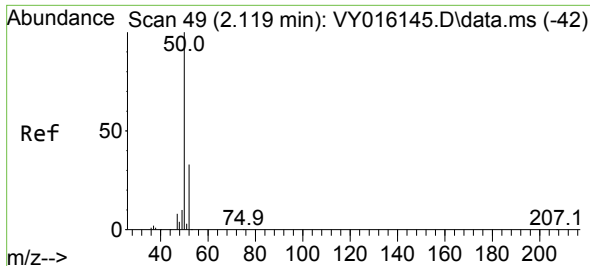
Tgt Ion:168 Resp: 157844
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.854 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 85 Resp: 18984
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8

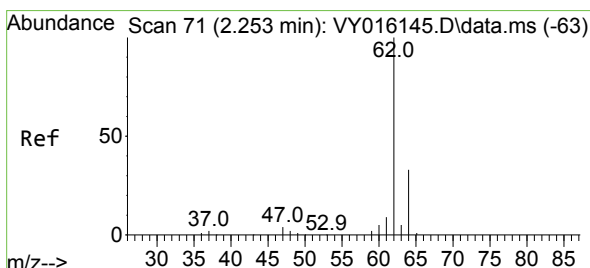
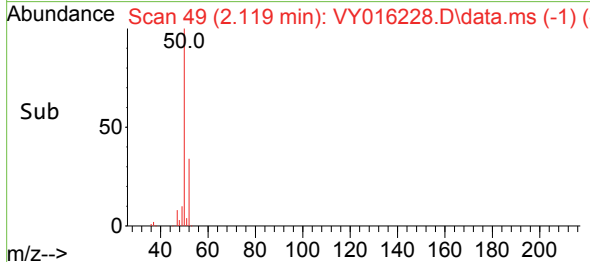
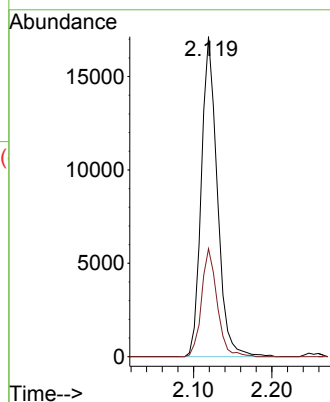
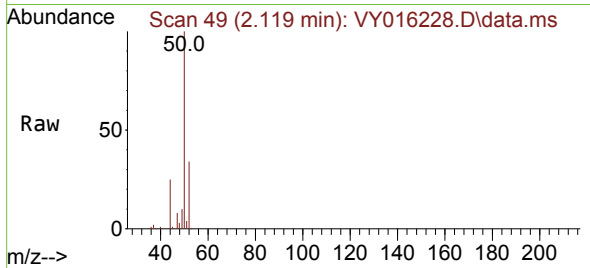




#3
Chloromethane
Concen: 17.418 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

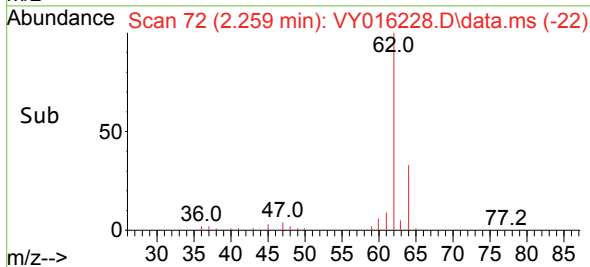
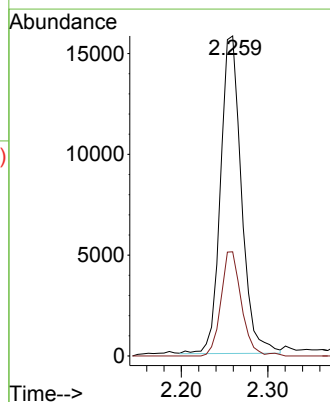
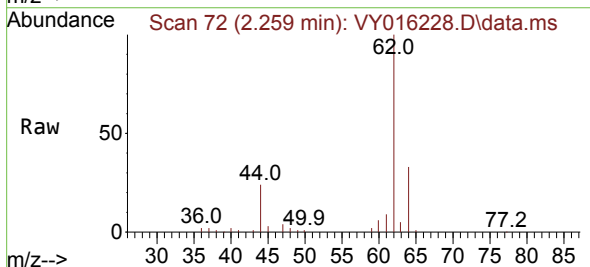
Instrument :
MSVOA_Y
ClientSampleId :

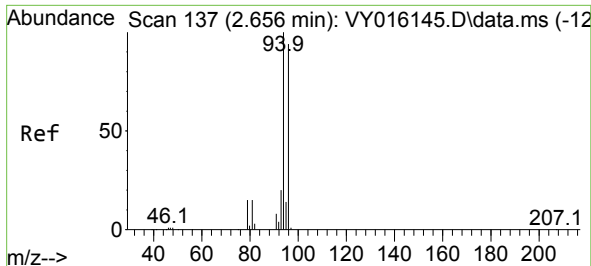
Tgt Ion: 50 Resp: 24282
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2



#4
Vinyl Chloride
Concen: 18.376 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 62 Resp: 26439
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5

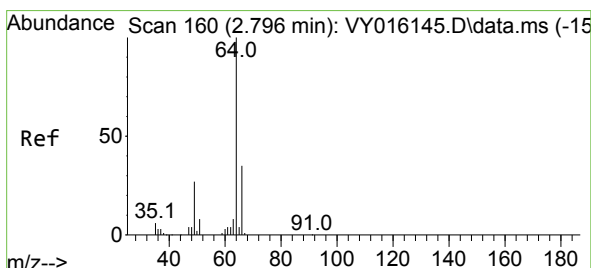
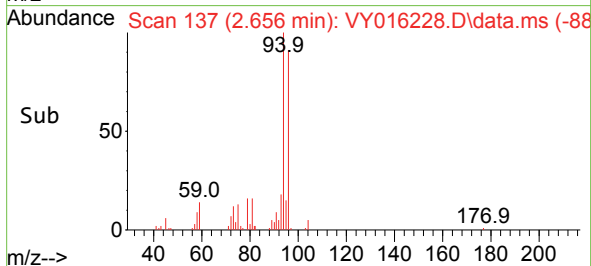
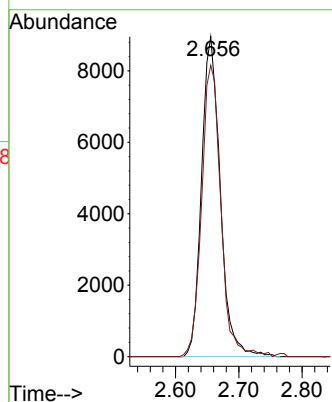
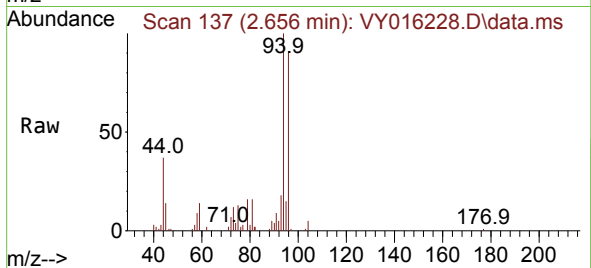




#5
Bromomethane
Concen: 19.030 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

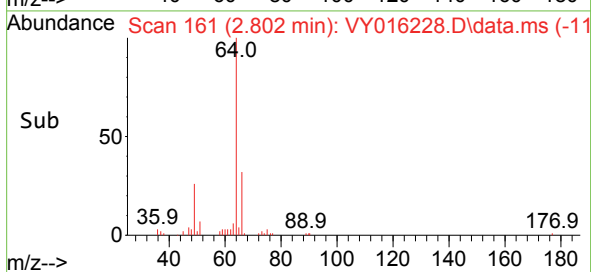
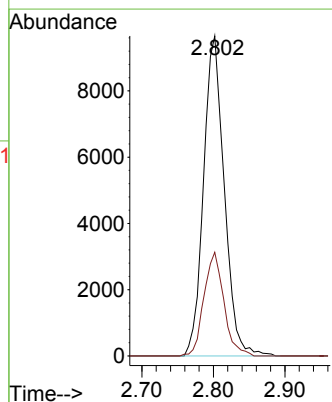
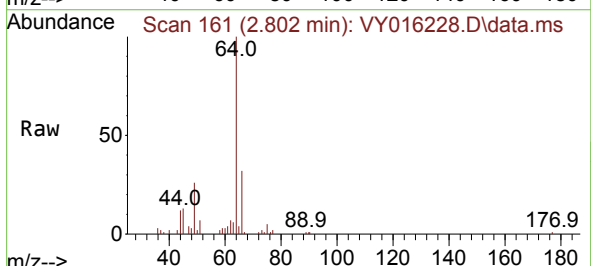
Instrument :
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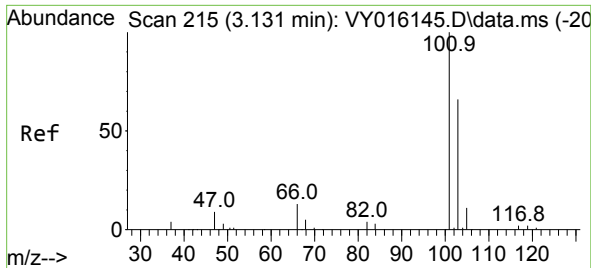
Tgt Ion: 94 Resp: 18478
Ion Ratio Lower Upper
94 100
96 91.1 75.8 113.6



#6
Chloroethane
Concen: 19.203 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 64 Resp: 19452
Ion Ratio Lower Upper
64 100
66 32.4 24.4 36.6

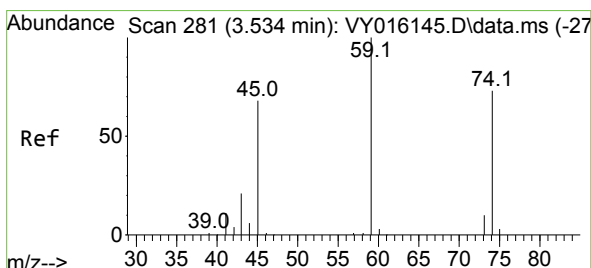
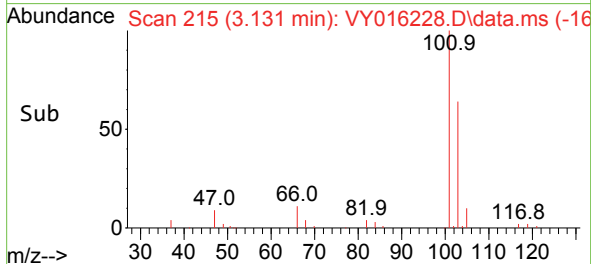
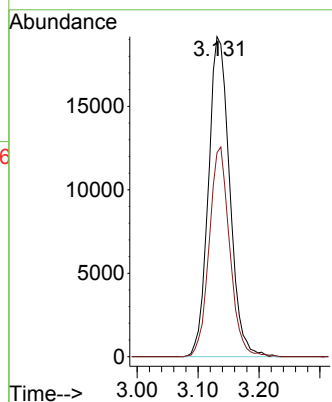
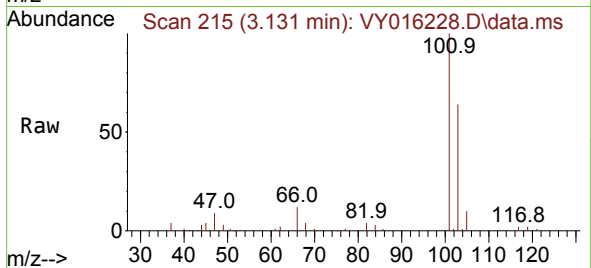




#7
Trichlorofluoromethane
Concen: 21.438 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

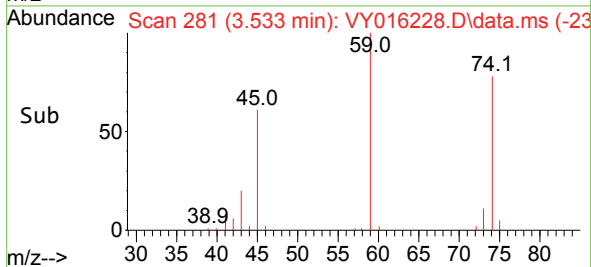
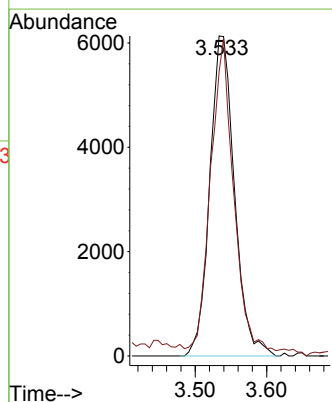
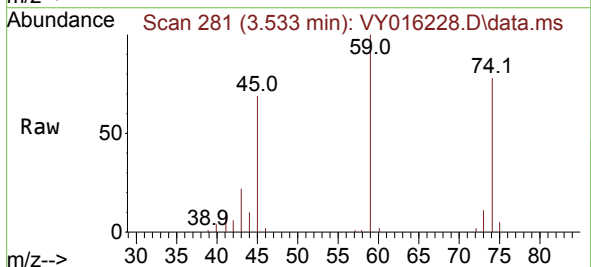
Instrument :
MSVOA_Y
ClientSampleId :

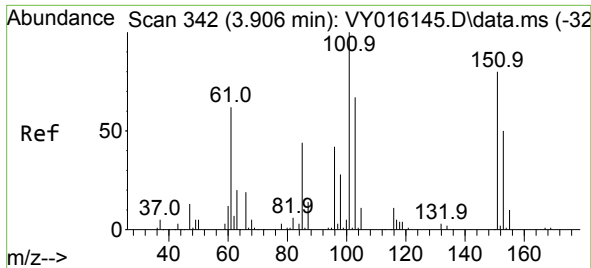
Tgt Ion:101 Resp: 46567
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0



#8
Diethyl Ether
Concen: 20.459 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 74 Resp: 14729
Ion Ratio Lower Upper
74 100
45 88.6 51.5 154.5

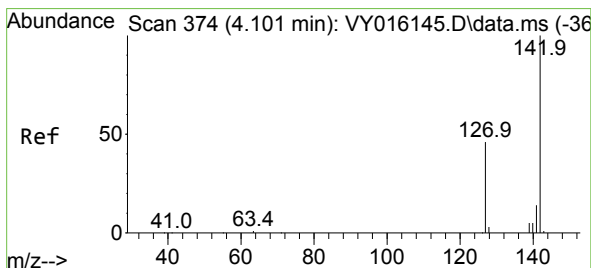
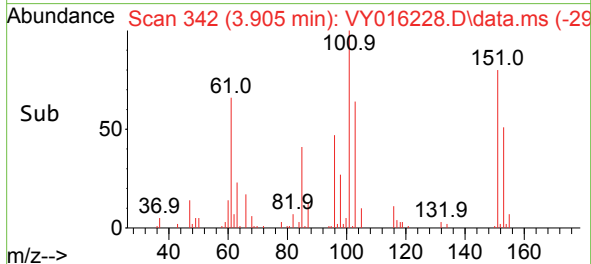
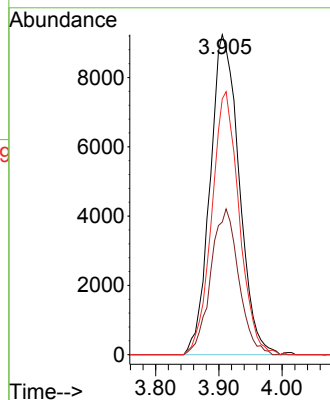
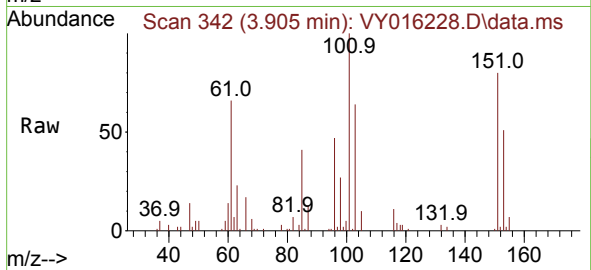




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.481 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

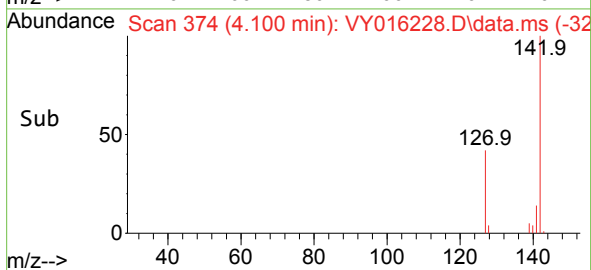
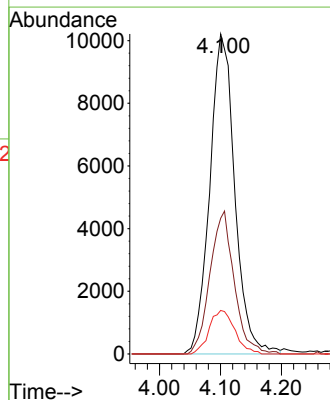
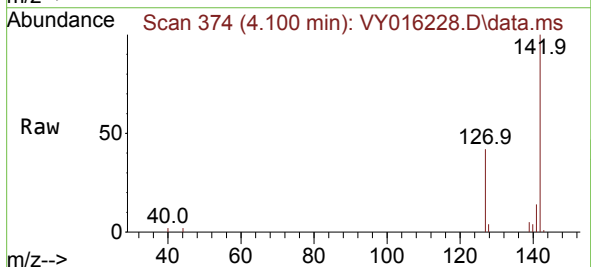
Instrument :
MSVOA_Y
ClientSampleId :

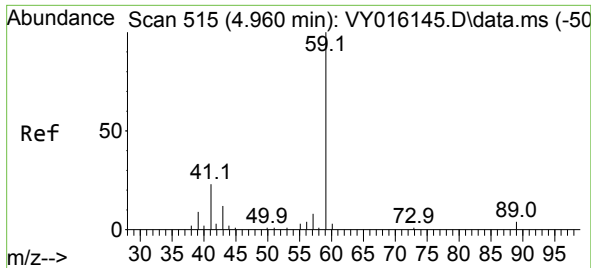
Tgt Ion:	101	Resp:	29395
Ion	Ratio	Lower	Upper
101	100		
85	43.9	36.6	55.0
151	77.8	67.0	100.6



#10
Methyl Iodide
Concen: 19.142 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion:	142	Resp:	29127
Ion	Ratio	Lower	Upper
142	100		
127	43.2	37.6	56.4
141	14.0	11.8	17.8

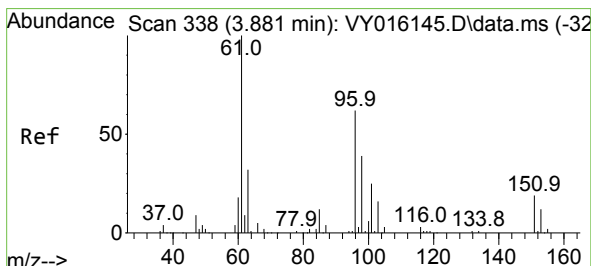
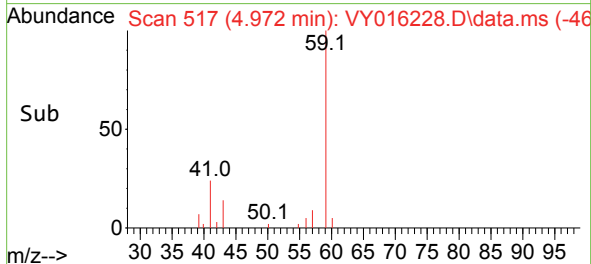
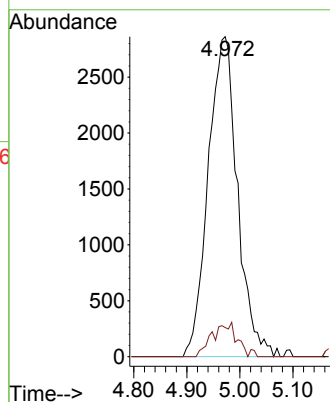
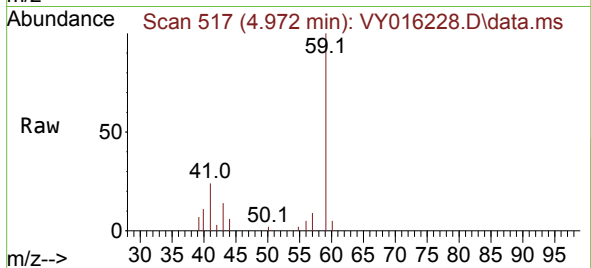




#11
Tert butyl alcohol
Concen: 99.543 ug/l
RT: 4.972 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

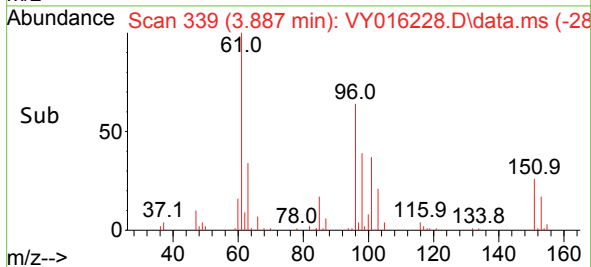
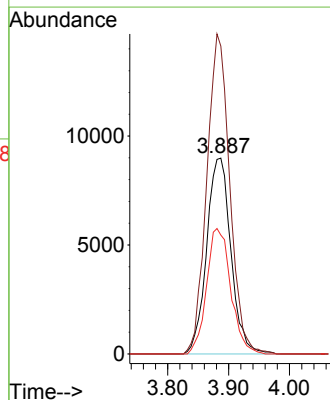
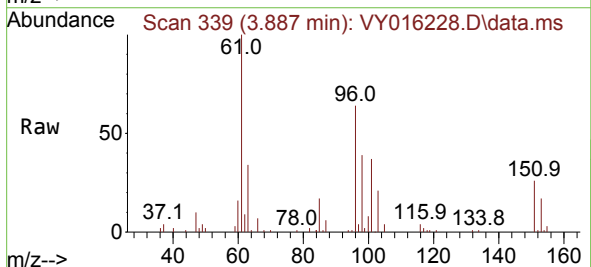
Instrument :
MSVOA_Y
ClientSampleId :

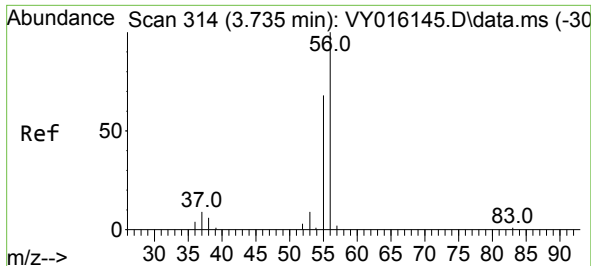
Tgt Ion: 59 Resp: 10985
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.939 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

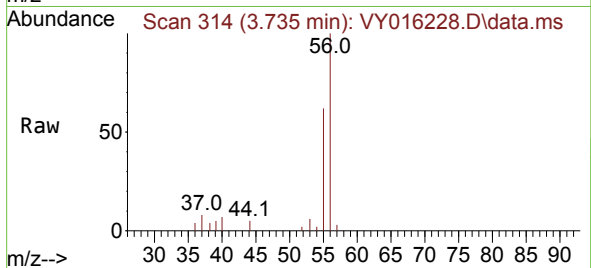
Tgt Ion: 96 Resp: 24904
Ion Ratio Lower Upper
96 100
61 157.2 136.4 204.6
98 60.7 49.4 74.2



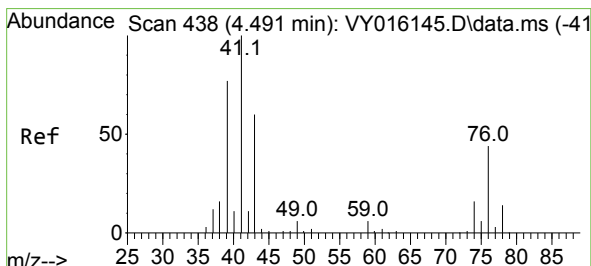
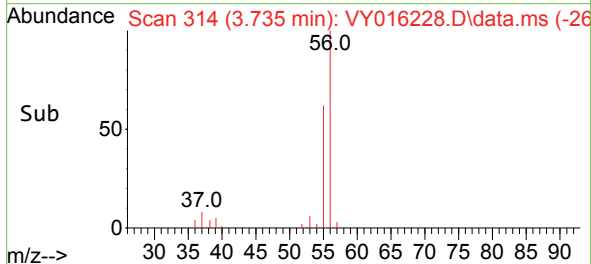
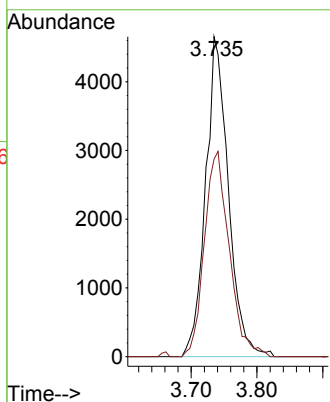


#13
Acrolein
Concen: 105.904 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :

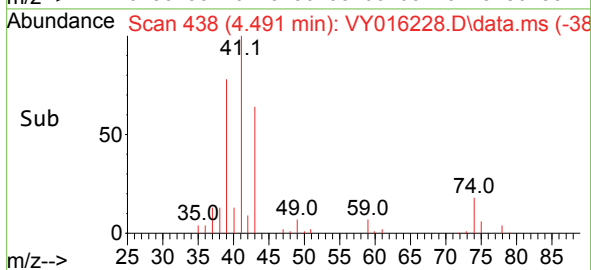
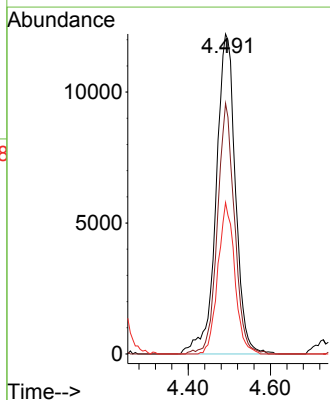
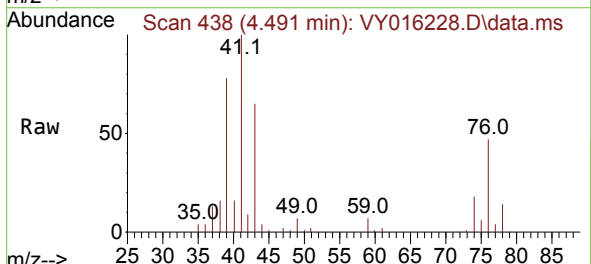


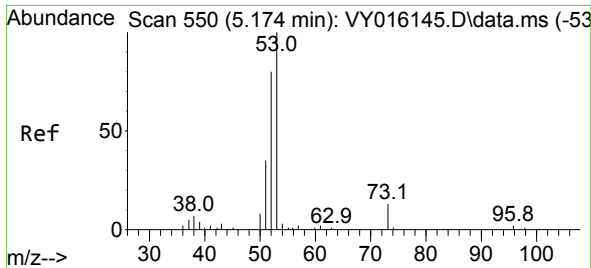
Tgt Ion: 56 Resp: 11229
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 22.372 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 41 Resp: 39968
Ion Ratio Lower Upper
41 100
39 69.2 58.0 87.0
76 41.2 27.4 41.2#

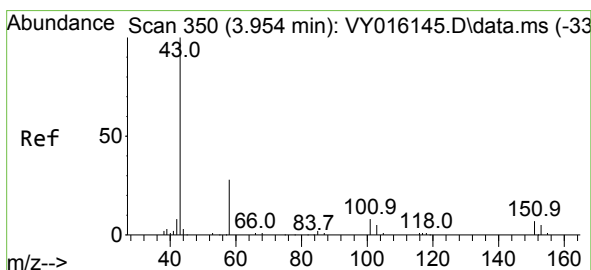
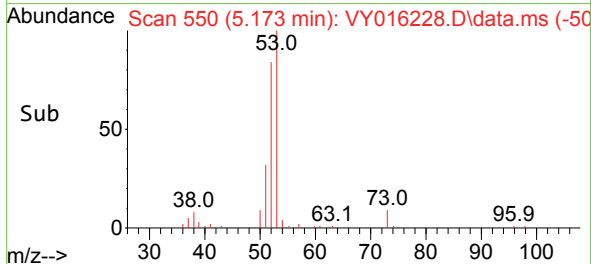
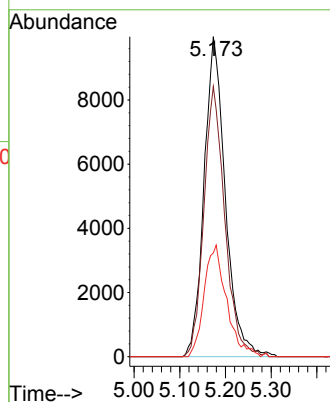
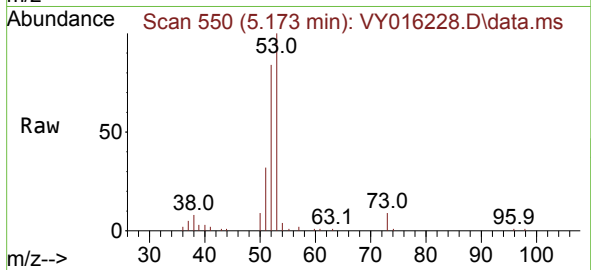




#15
Acrylonitrile
Concen: 104.981 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

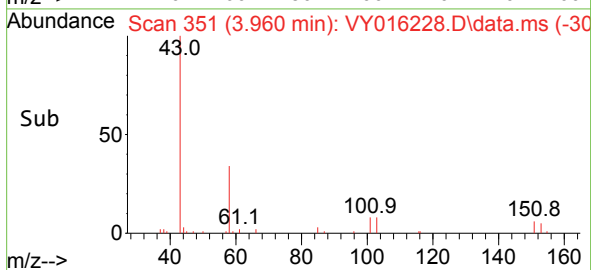
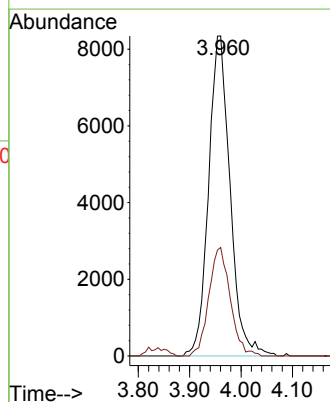
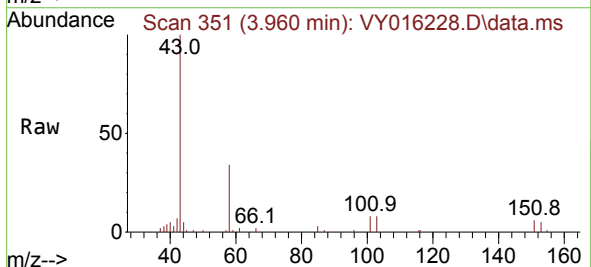
Instrument :
MSVOA_Y
ClientSampleId :

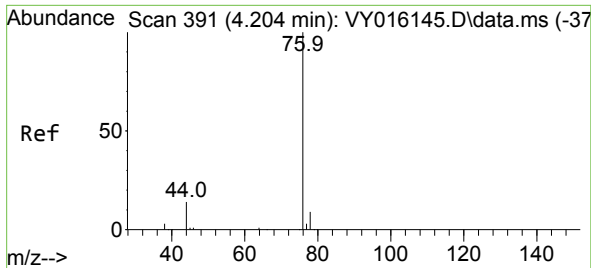
Tgt Ion:	53	Resp:	32296
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.9	100.3
51	36.7	29.8	44.6



#16
Acetone
Concen: 90.690 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion:	43	Resp:	24249
Ion	Ratio	Lower	Upper
43	100		
58	33.9	22.7	34.1

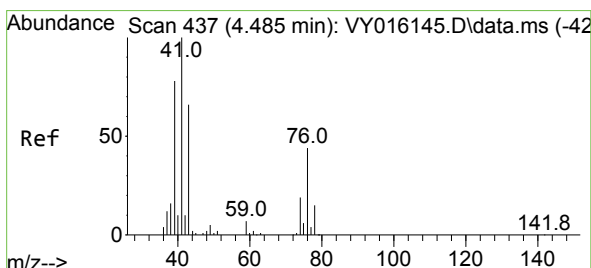
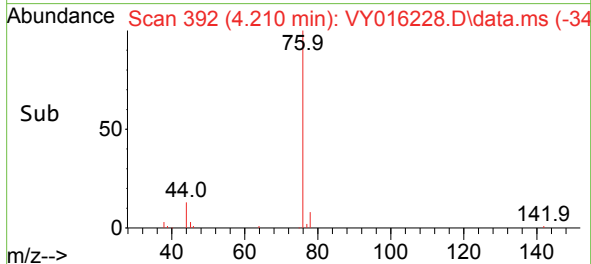
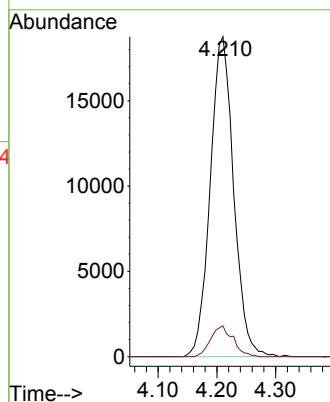
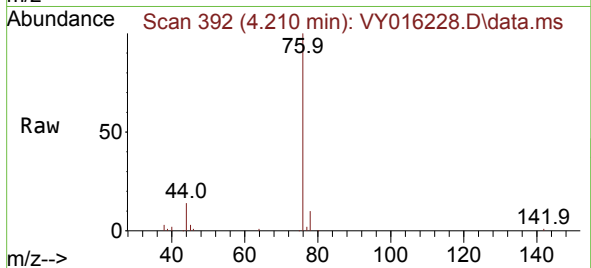




#17
Carbon Disulfide
Concen: 16.664 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

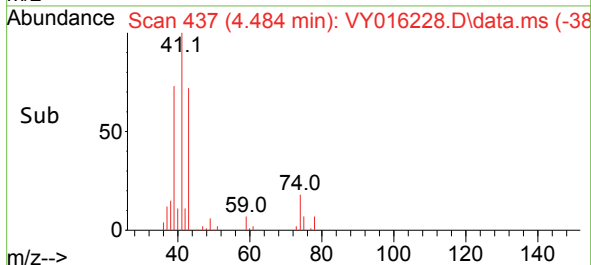
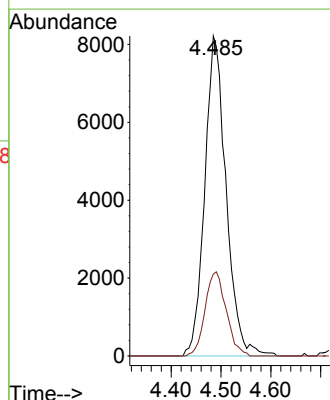
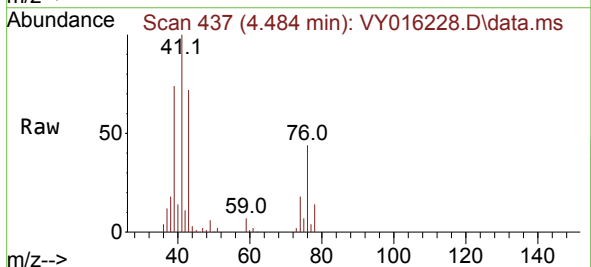
Instrument :
MSVOA_Y
ClientSampleId :

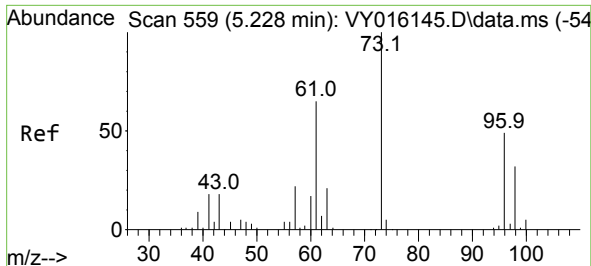
Tgt Ion: 76 Resp: 51961
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 20.578 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 43 Resp: 24443
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0

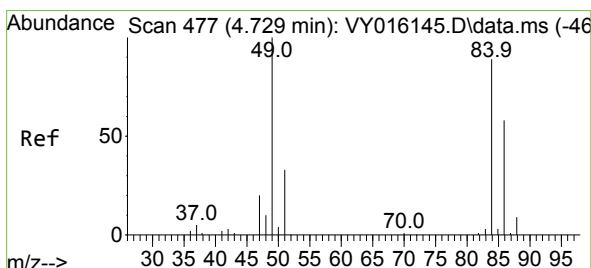
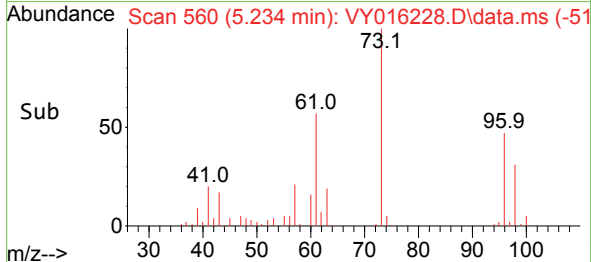
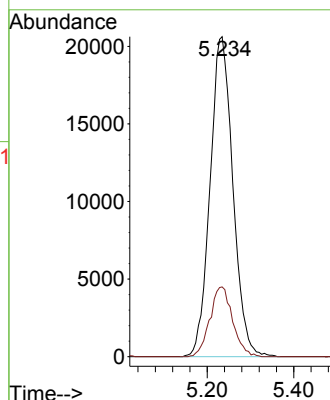
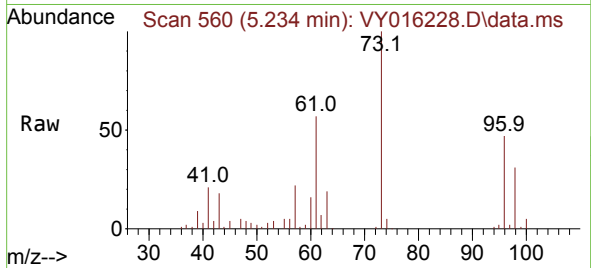




#19
Methyl tert-butyl Ether
Concen: 21.270 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

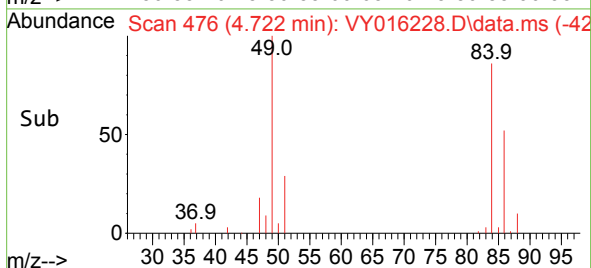
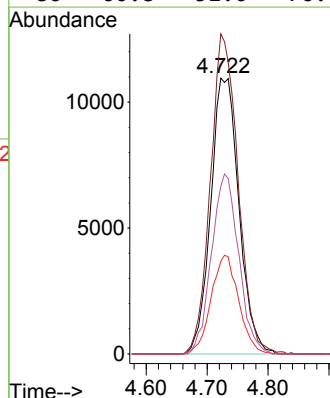
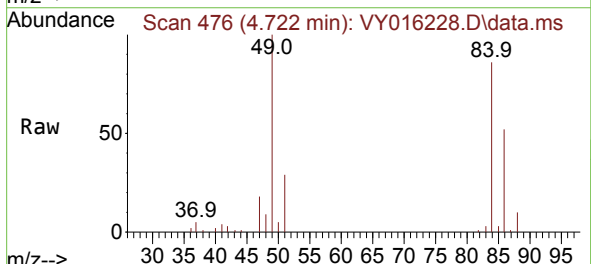
Instrument :
MSVOA_Y
ClientSampleId :

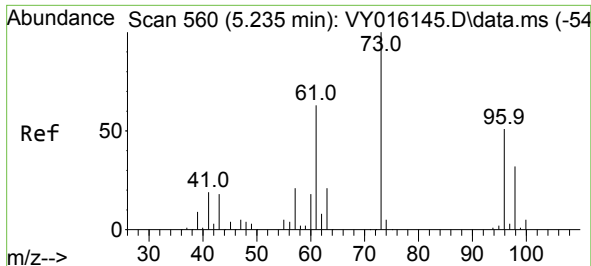
Tgt Ion: 73 Resp: 75567
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 21.770 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

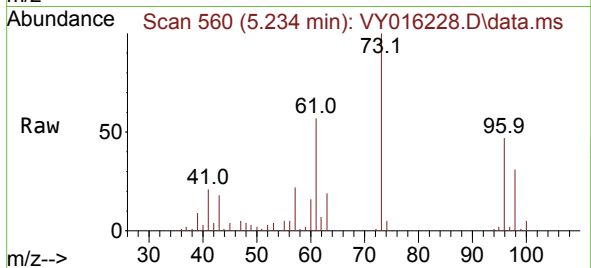
Tgt Ion: 84 Resp: 35288
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 33.6 33.2 49.8
86 60.8 51.0 76.6



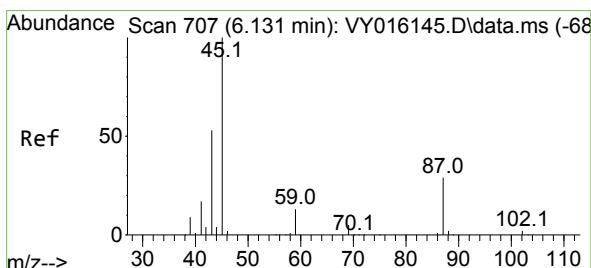
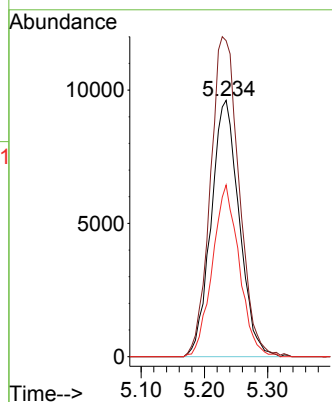
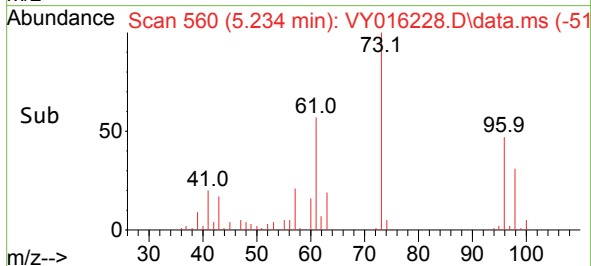


#21
trans-1,2-Dichloroethene
Concen: 20.379 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

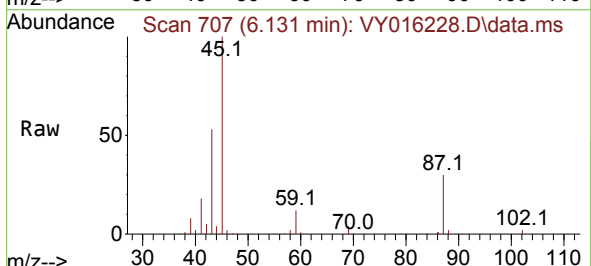
Instrument :
MSVOA_Y
ClientSampleId :



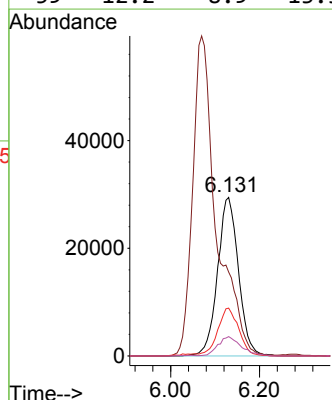
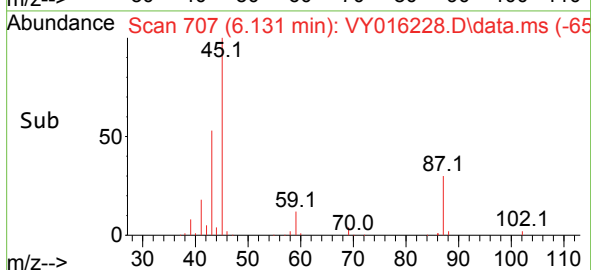
Tgt Ion: 96 Resp: 29649
Ion Ratio Lower Upper
96 100
61 123.3 110.2 165.4
98 67.0 51.8 77.6

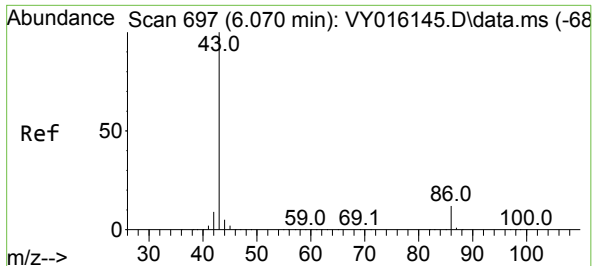


#22
Diisopropyl ether
Concen: 22.229 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16



Tgt Ion: 45 Resp: 96055
Ion Ratio Lower Upper
45 100
43 52.2 52.2 78.4#
87 30.2 21.0 31.6
59 12.2 8.9 13.3





#23

Vinyl Acetate

Concen: 103.744 ug/l

RT: 6.070 min Scan# 697

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

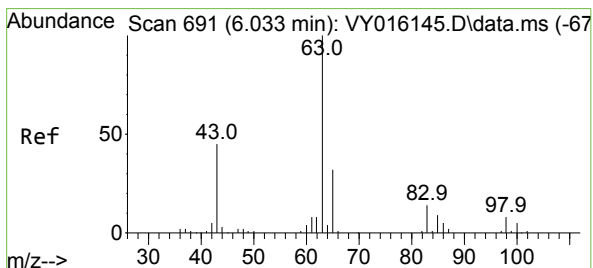
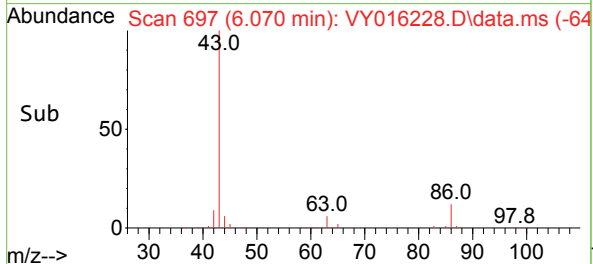
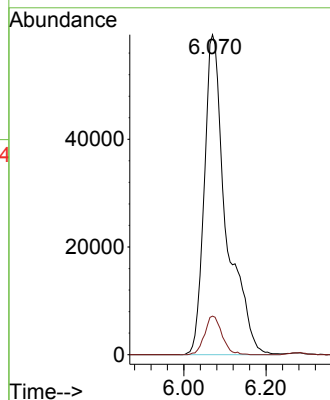
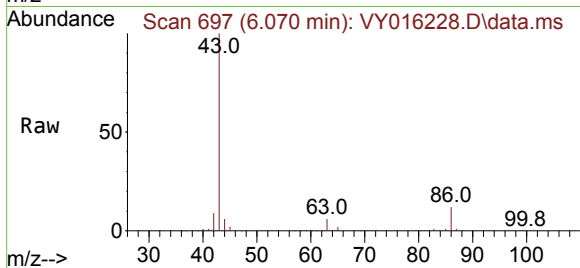
ClientSampleId :

Tgt Ion: 43 Resp: 220100

Ion Ratio Lower Upper

43 100

86 12.0 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 22.186 ug/l

RT: 6.033 min Scan# 691

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

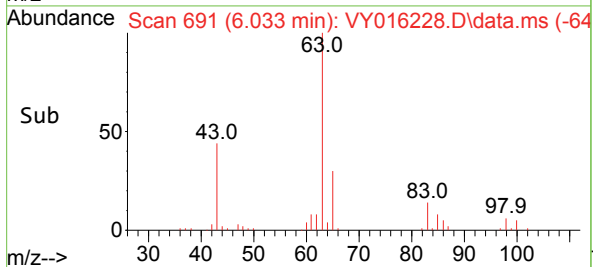
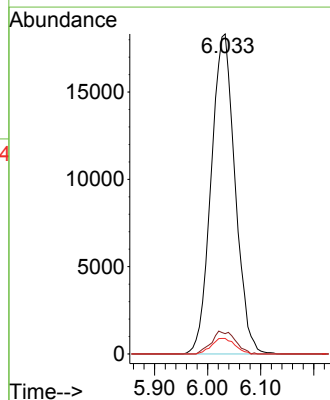
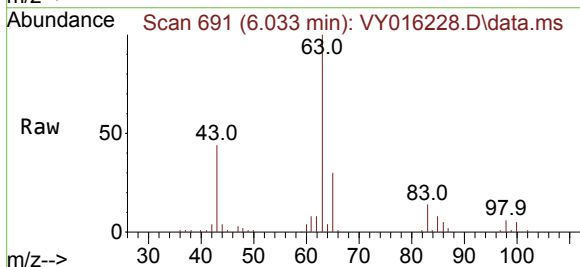
Tgt Ion: 63 Resp: 57376

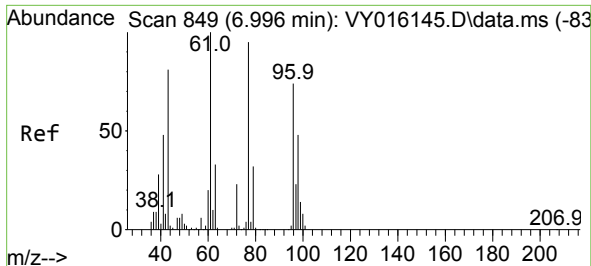
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

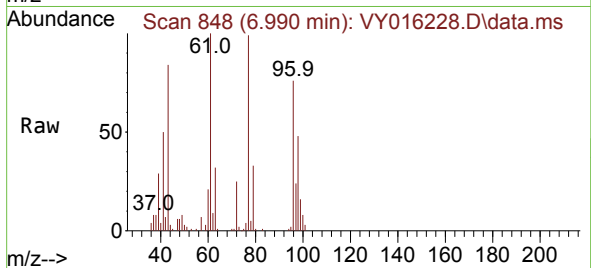
100 4.9 1.8 5.5



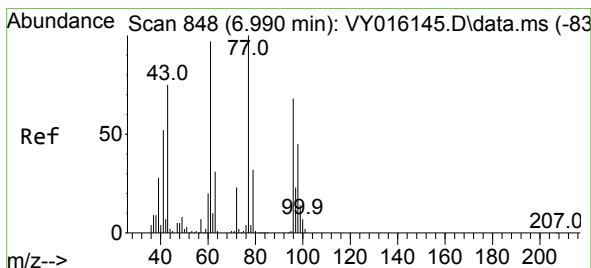
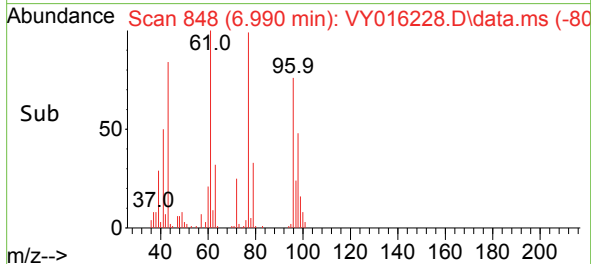
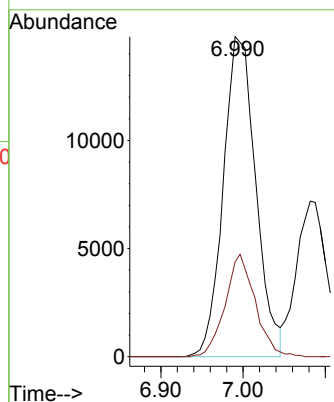


#25
2-Butanone
Concen: 100.013 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :

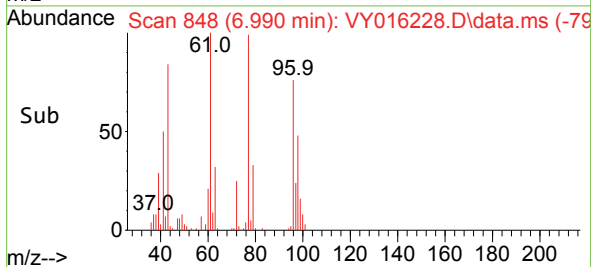
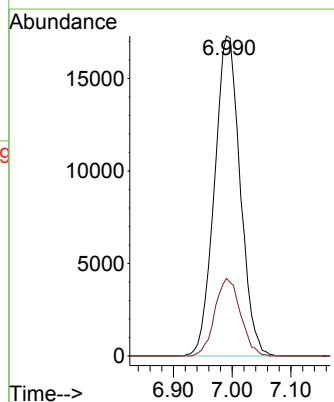
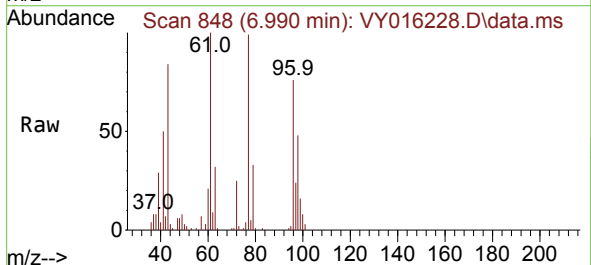


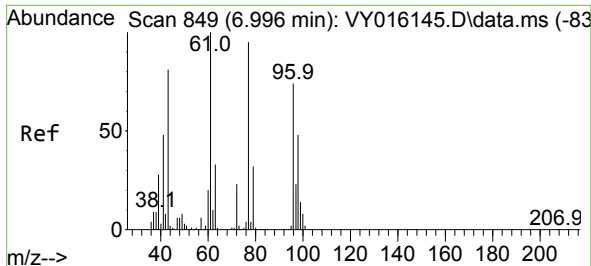
Tgt Ion: 43 Resp: 40754
Ion Ratio Lower Upper
43 100
72 29.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.498 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

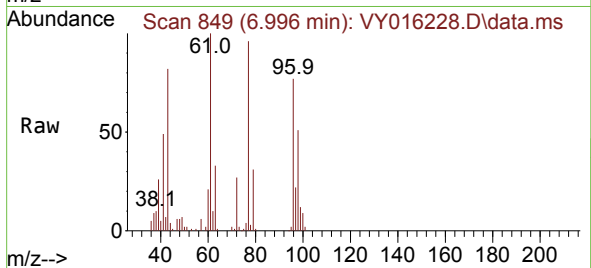
Tgt Ion: 77 Resp: 52556
Ion Ratio Lower Upper
77 100
97 24.2 10.9 32.9





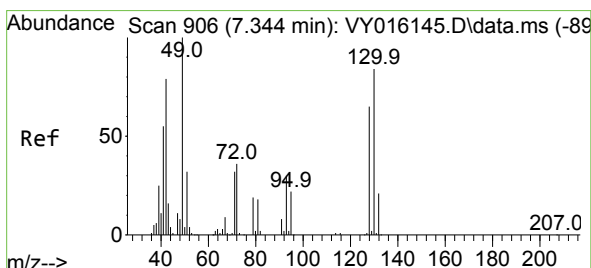
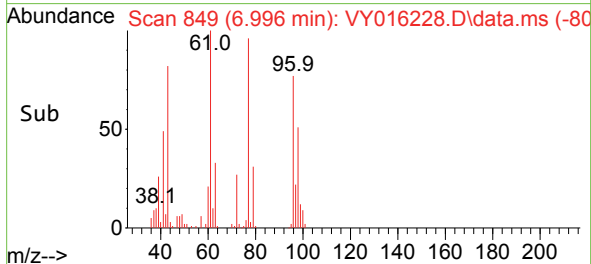
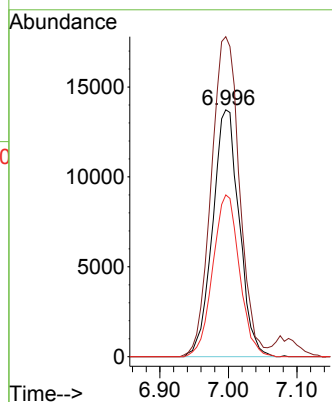
#27
 cis-1,2-Dichloroethene
 Concen: 21.607 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY016228.D
 Acq: 06 Nov 2023 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 36994

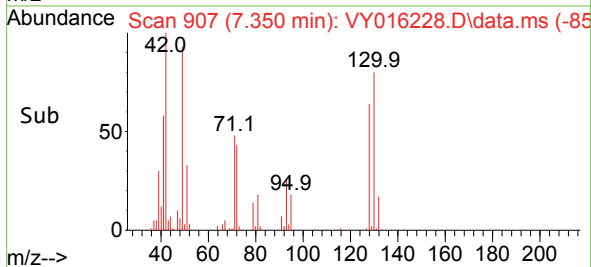
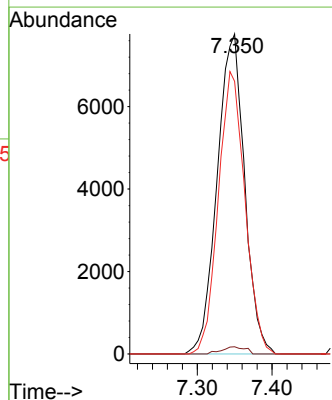
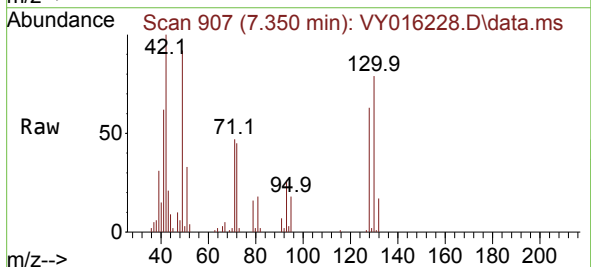
Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	301.4
98	65.8	0.0	130.4

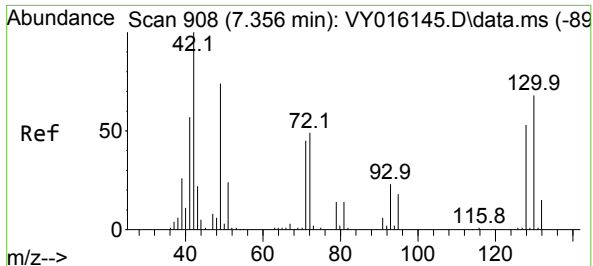


#28
 Bromochloromethane
 Concen: 20.461 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY016228.D
 Acq: 06 Nov 2023 11:16

Tgt Ion: 49 Resp: 19801

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	85.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 100.349 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

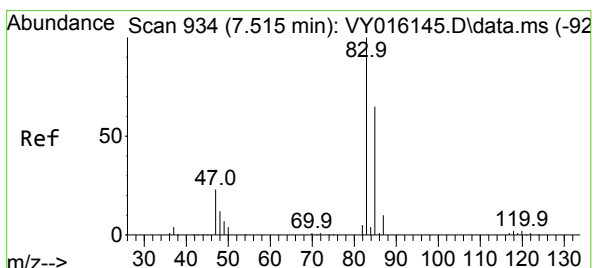
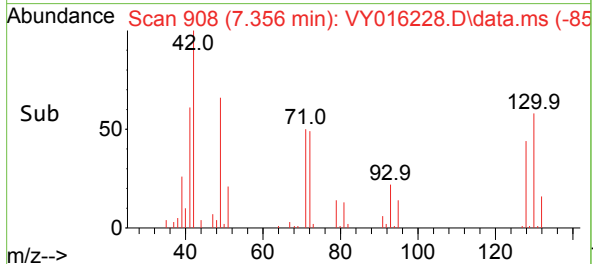
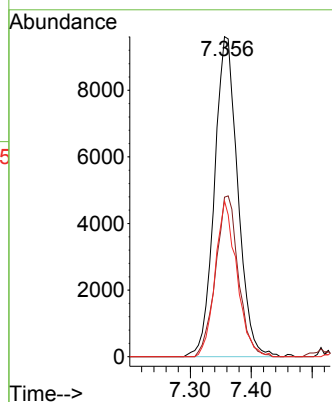
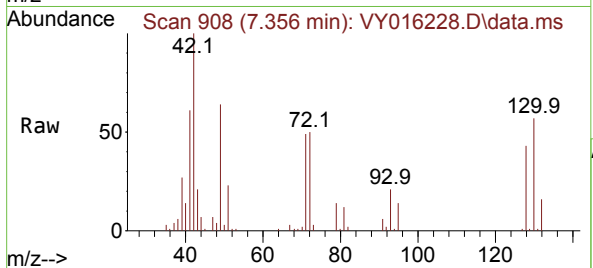
Tgt Ion: 42 Resp: 25633

Ion Ratio Lower Upper

42 100

72 48.9 32.8 49.2

71 45.2 31.0 46.4



#30

Chloroform

Concen: 21.919 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY016228.D

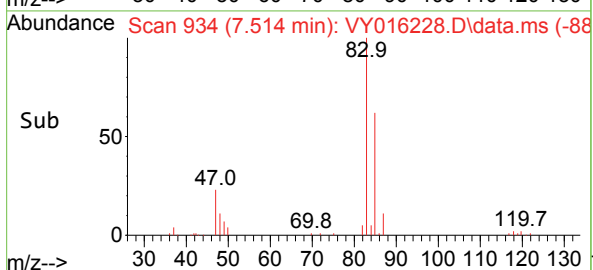
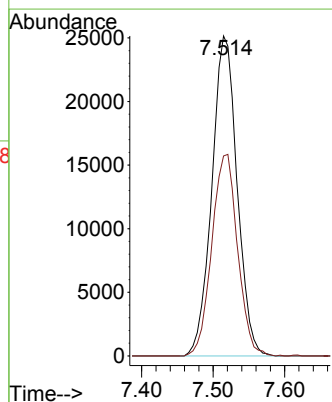
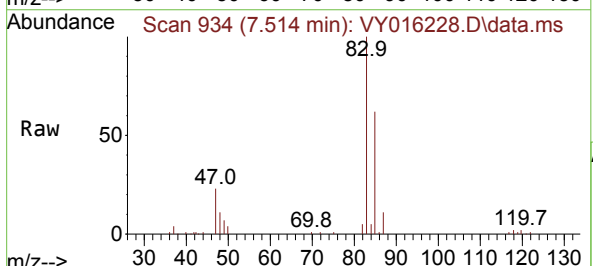
Acq: 06 Nov 2023 11:16

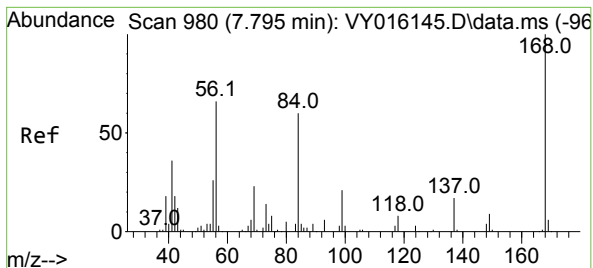
Tgt Ion: 83 Resp: 61713

Ion Ratio Lower Upper

83 100

85 62.5 49.7 74.5





#31

Cyclohexane

Concen: 19.327 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.000 min

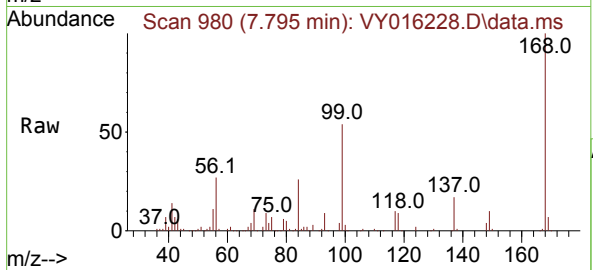
Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :



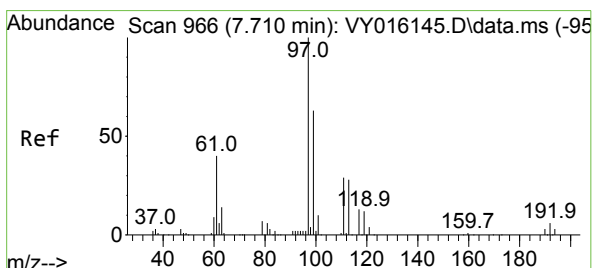
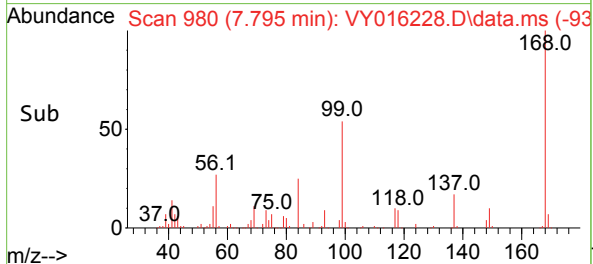
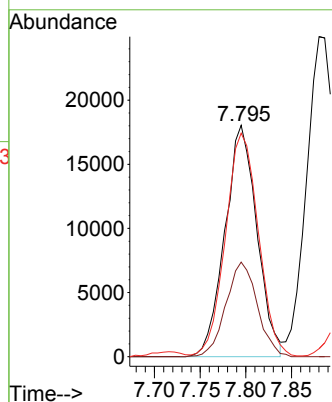
Tgt Ion: 56 Resp: 43881

Ion Ratio Lower Upper

56 100

69 40.9 27.8 41.6

84 95.1 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 21.205 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

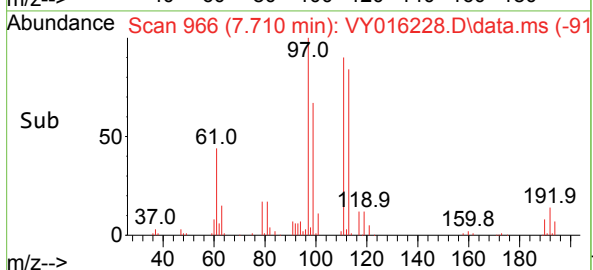
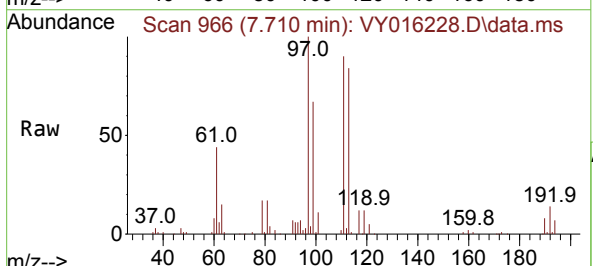
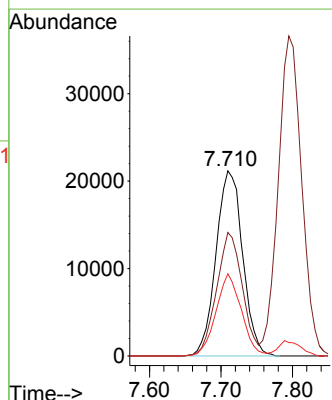
Tgt Ion: 97 Resp: 54754

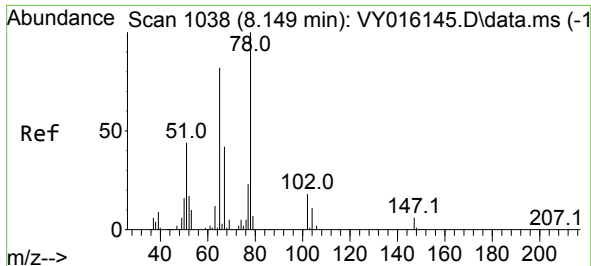
Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.833 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

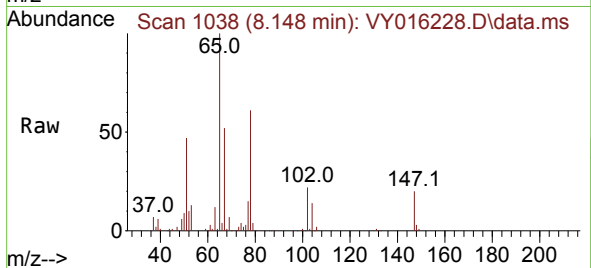
Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

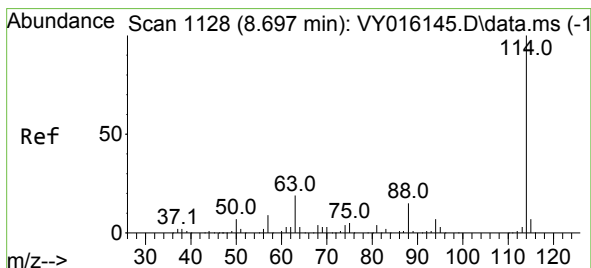
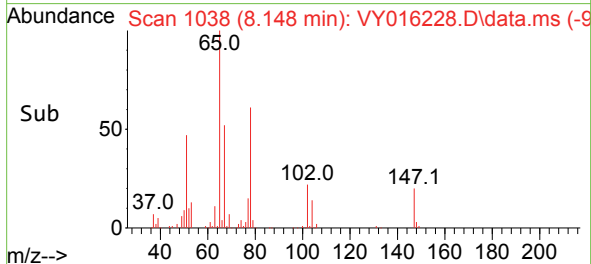
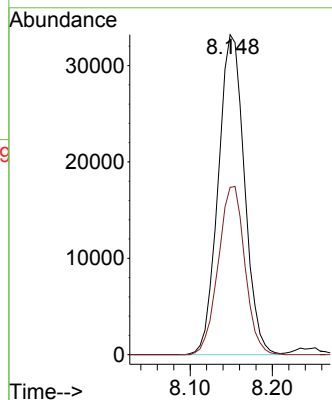


Tgt Ion: 65 Resp: 73603

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

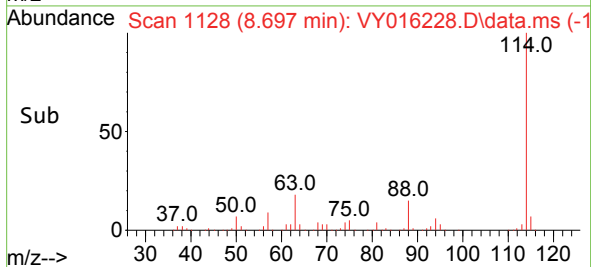
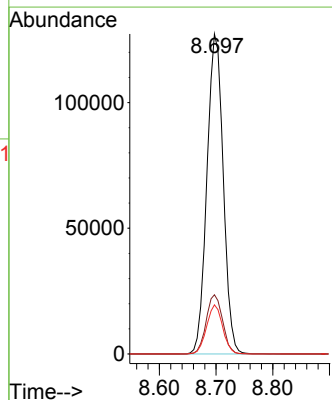
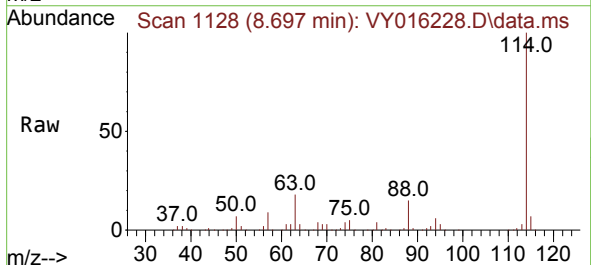
Tgt Ion: 114 Resp: 253808

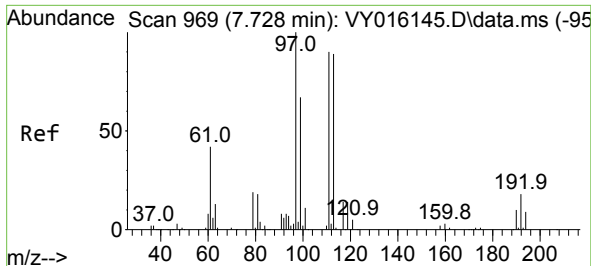
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

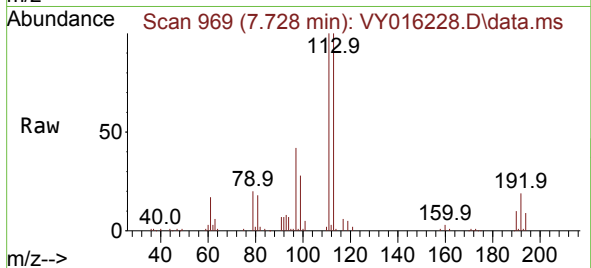
88 15.3 0.0 30.6



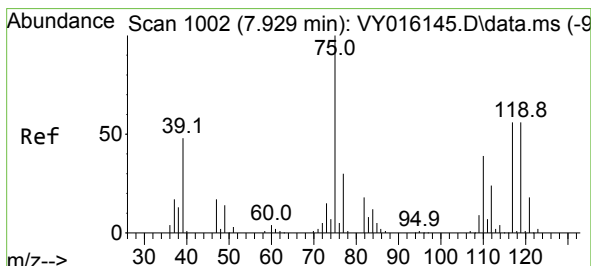
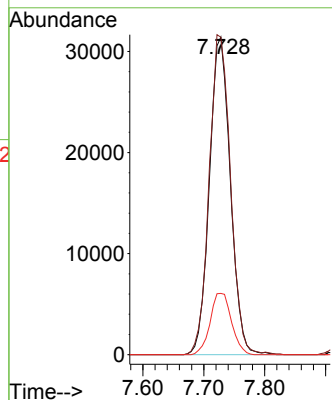
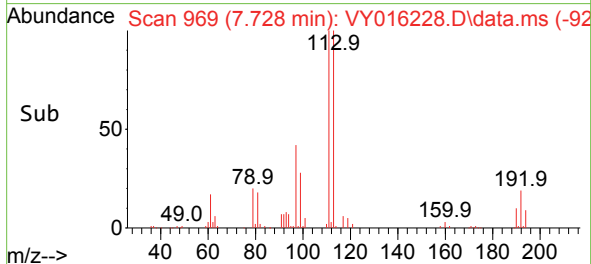


#35
Dibromofluoromethane
Concen: 49.573 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :

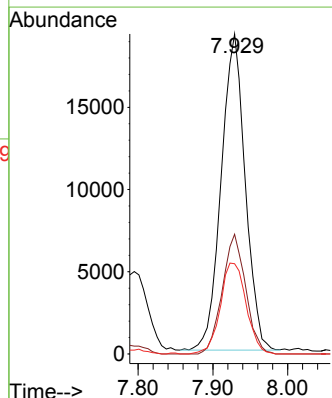
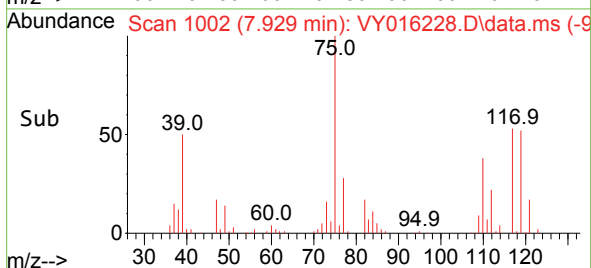
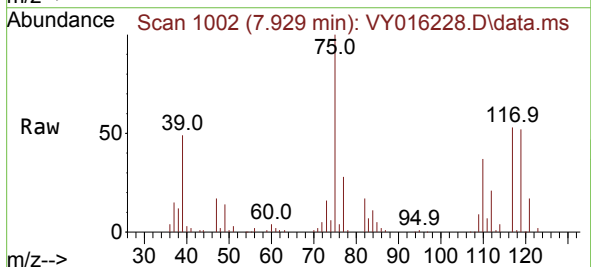


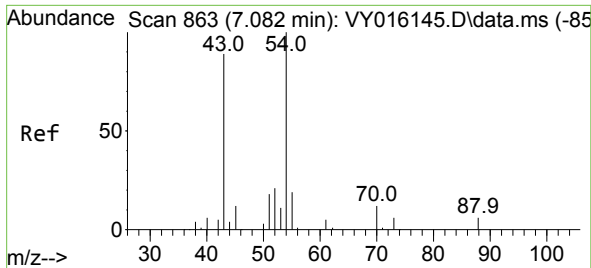
Tgt Ion:113 Resp: 75010
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.657 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 75 Resp: 42950
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.5
77 30.9 24.4 36.6

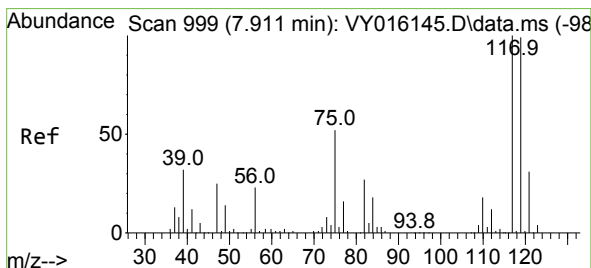
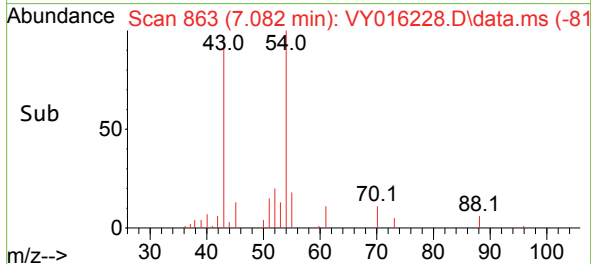
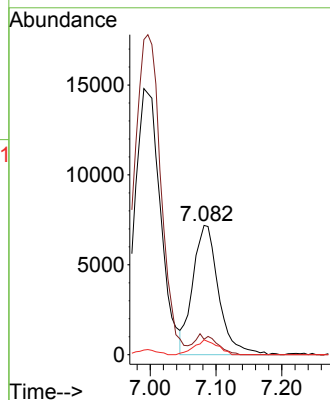
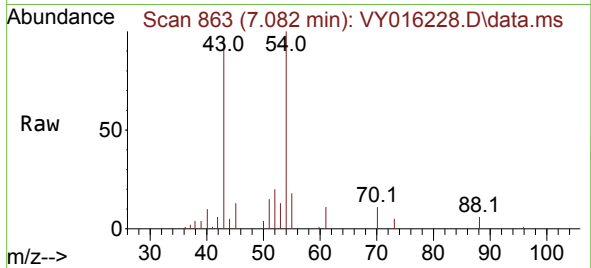




#37
Ethyl Acetate
Concen: 20.123 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

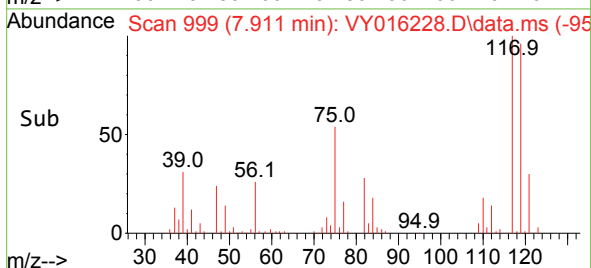
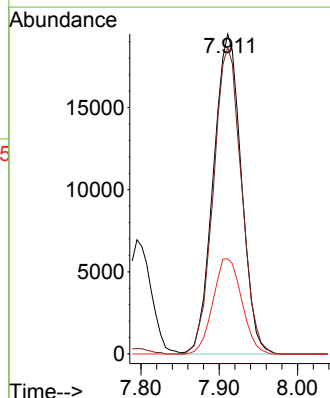
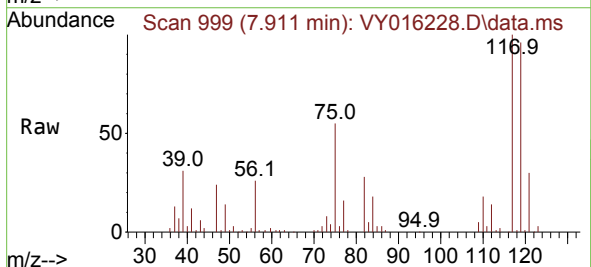
Instrument :
MSVOA_Y
ClientSampleId :

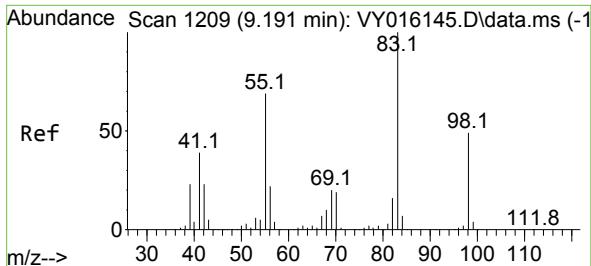
Tgt Ion: 43	Resp:	19583	
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.1	15.1
70	10.2	7.1	10.7



#38
Carbon Tetrachloride
Concen: 22.299 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion:117	Resp:	48271	
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.4	114.6
121	29.8	25.8	38.6





#39

Methylcyclohexane

Concen: 19.052 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

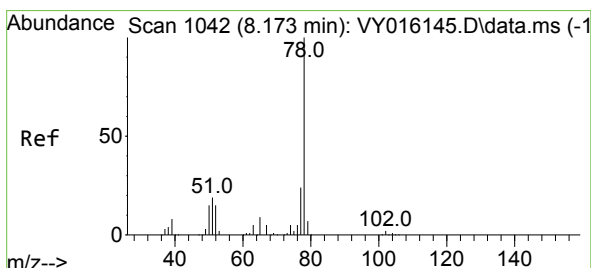
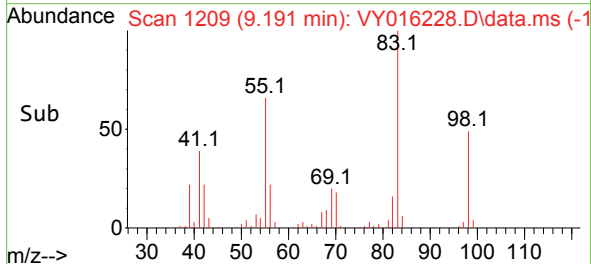
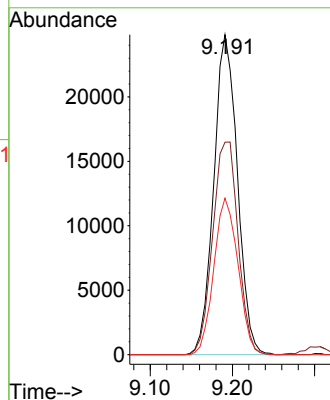
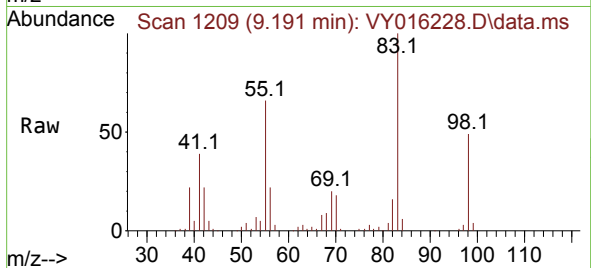
Tgt Ion: 83 Resp: 49690

Ion Ratio Lower Upper

83 100

55 66.4 63.0 94.4

98 48.9 37.4 56.2



#40

Benzene

Concen: 20.356 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016228.D

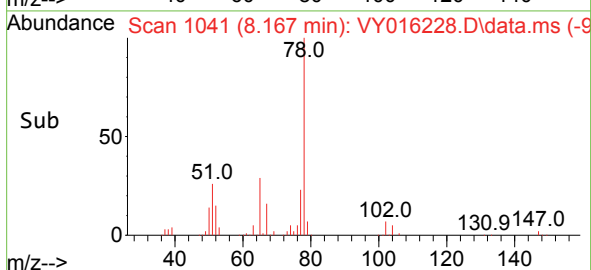
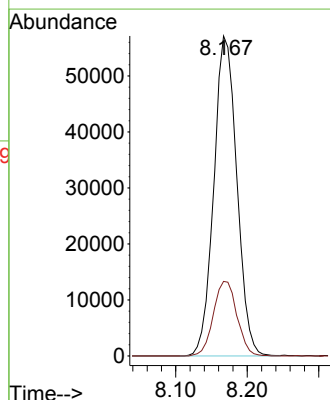
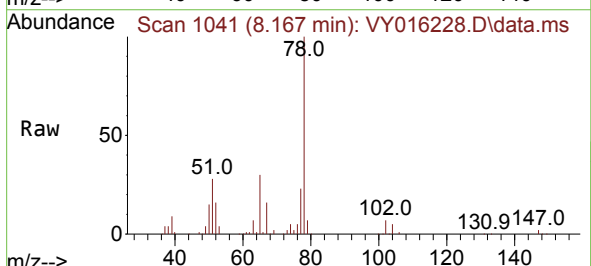
Acq: 06 Nov 2023 11:16

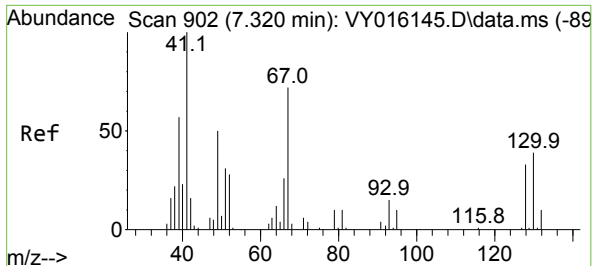
Tgt Ion: 78 Resp: 127687

Ion Ratio Lower Upper

78 100

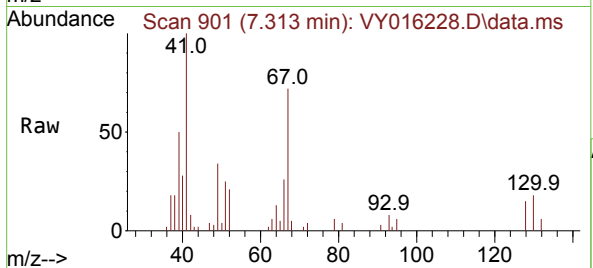
77 23.3 19.0 28.6



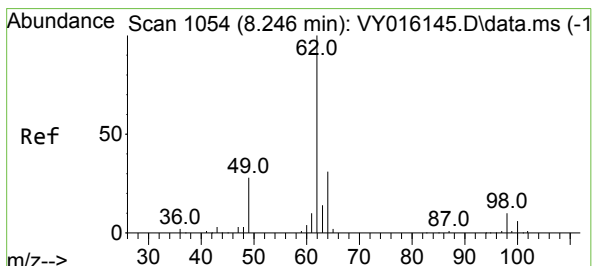
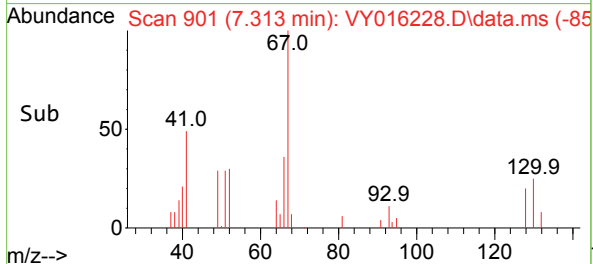
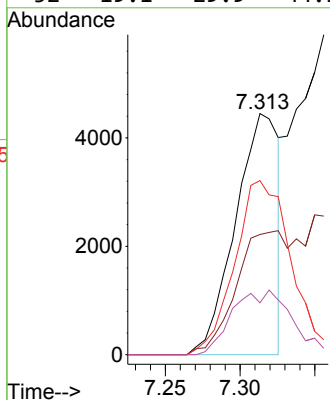


#41
Methacrylonitrile
Concen: 15.890 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :

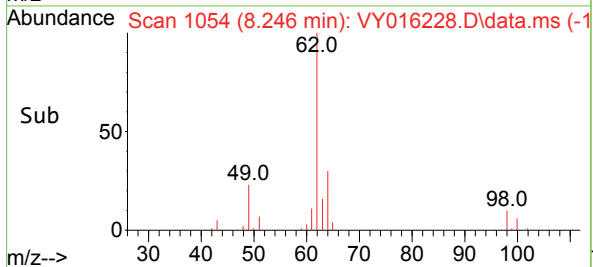
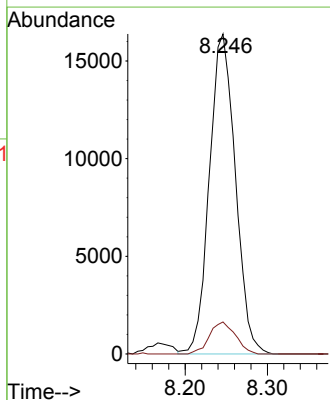
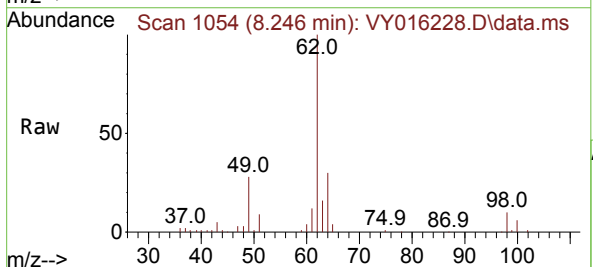


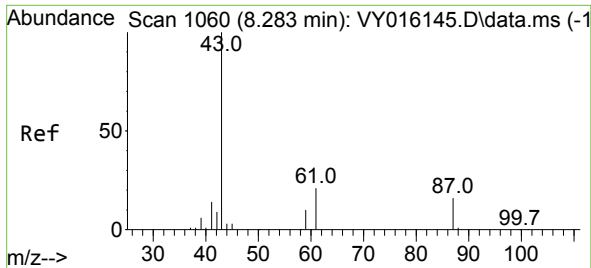
Tgt Ion: 41 Resp: 8976
Ion Ratio Lower Upper
41 100
39 60.0 52.1 78.1
67 94.2 66.2 99.2
52 19.1 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.575 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 62 Resp: 36017
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

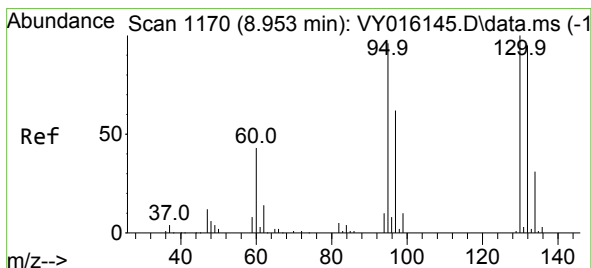
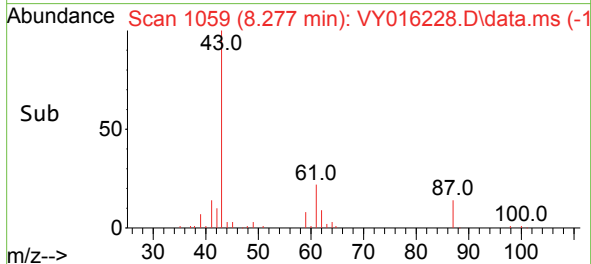
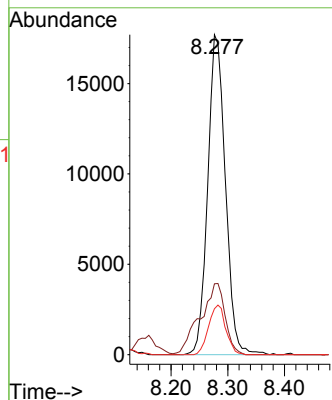
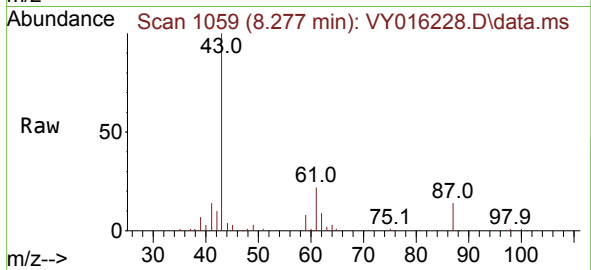




#43
Isopropyl Acetate
Concen: 19.949 ug/l
RT: 8.277 min Scan# 11059
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

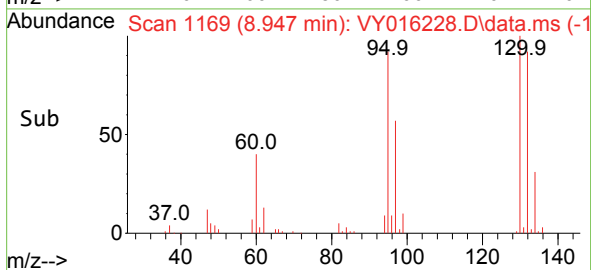
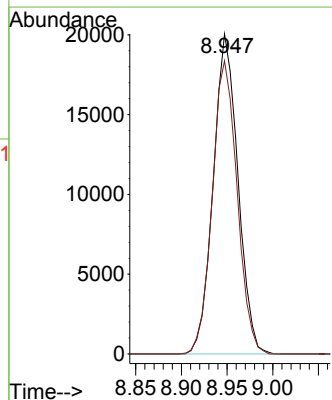
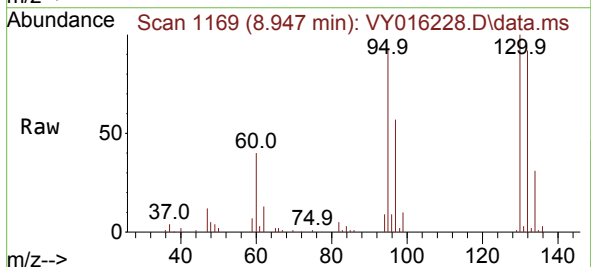
Instrument :
MSVOA_Y
ClientSampleId :

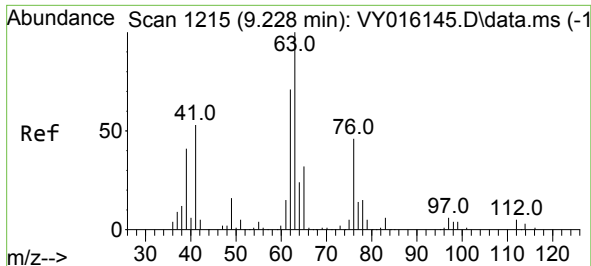
Tgt Ion: 43 Resp: 38402
Ion Ratio Lower Upper
43 100
61 31.4 21.1 31.7
87 15.1 9.8 14.8#



#44
Trichloroethene
Concen: 20.507 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion:130 Resp: 37644
Ion Ratio Lower Upper
130 100
95 91.6 0.0 196.0

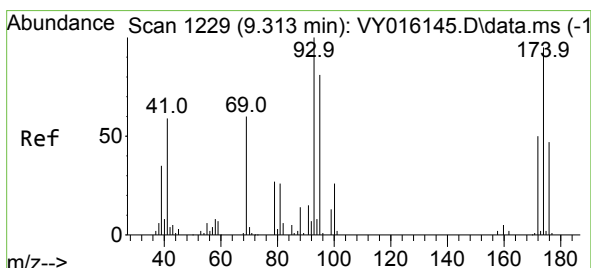
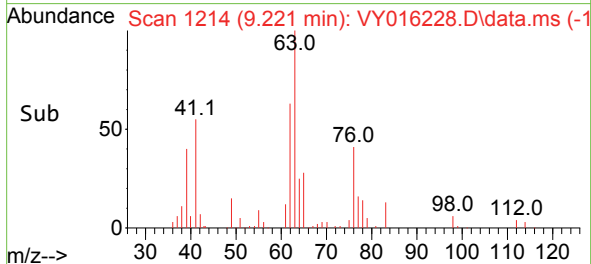
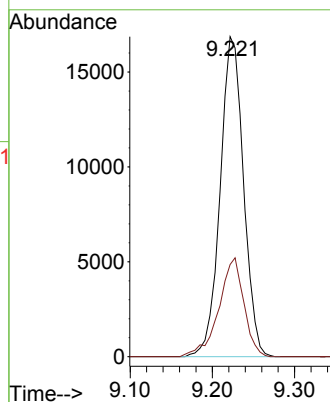
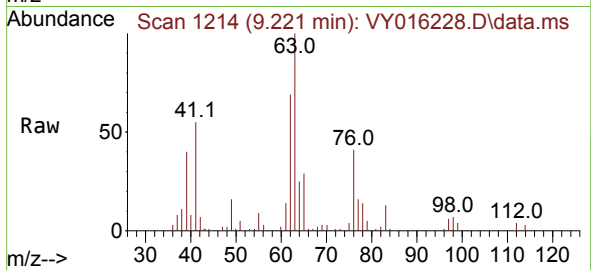




#45
1,2-Dichloropropane
Concen: 22.085 ug/l
RT: 9.221 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

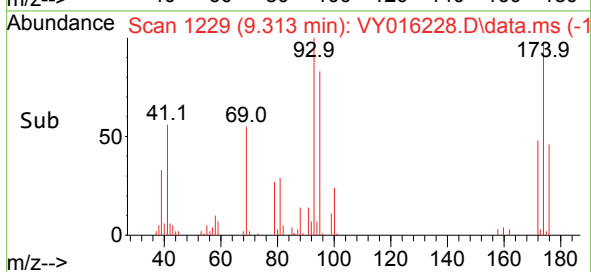
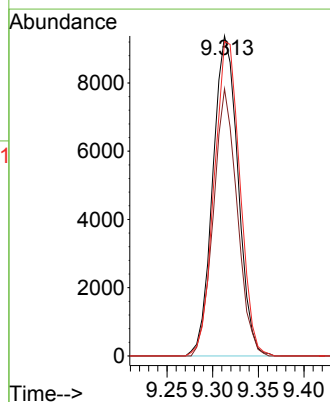
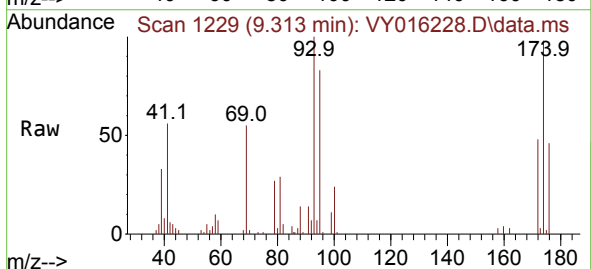
Instrument :
MSVOA_Y
ClientSampleId :

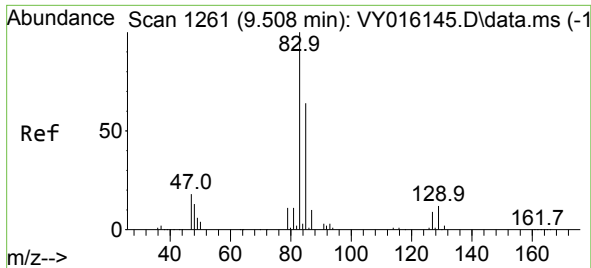
Tgt Ion: 63 Resp: 33326
Ion Ratio Lower Upper
63 100
65 28.8 23.8 35.6



#46
Dibromomethane
Concen: 20.958 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 93 Resp: 17940
Ion Ratio Lower Upper
93 100
95 78.9 66.6 100.0
174 100.3 84.8 127.2

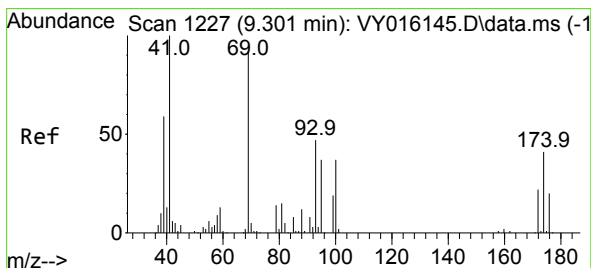
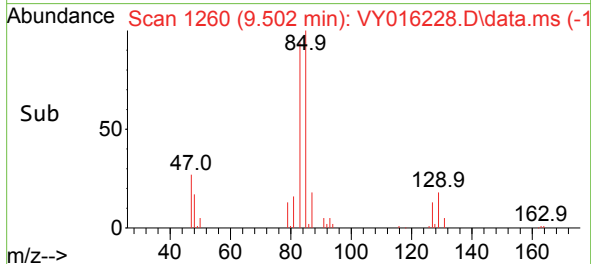
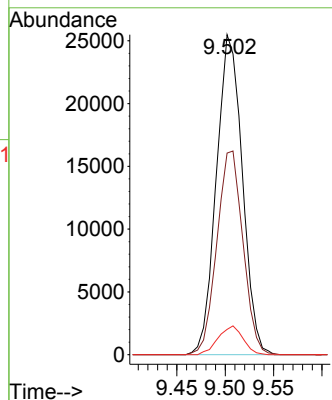
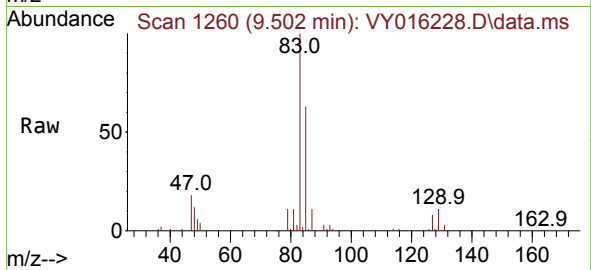




#47
Bromodichloromethane
Concen: 21.839 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

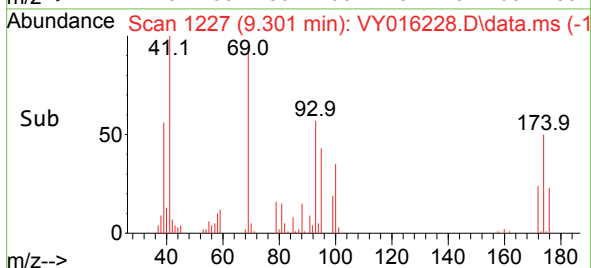
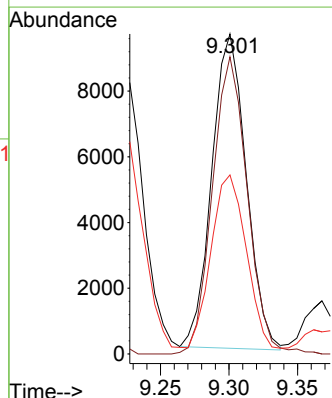
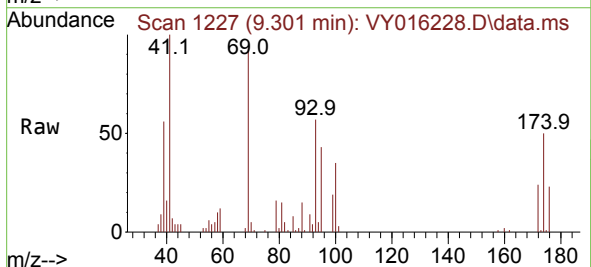
Instrument :
MSVOA_Y
ClientSampleId :

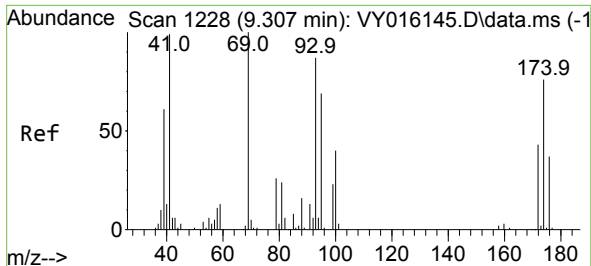
Tgt Ion: 83 Resp: 47499
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 19.068 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 41 Resp: 16691
Ion Ratio Lower Upper
41 100
69 96.0 64.5 96.7
39 60.0 50.8 76.2





#49

1,4-Dioxane

Concen: 257.279 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

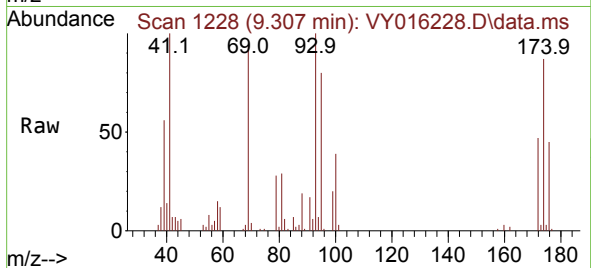
Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :



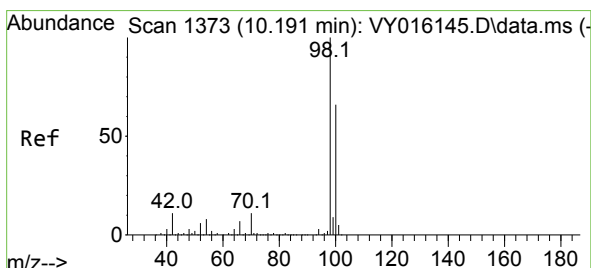
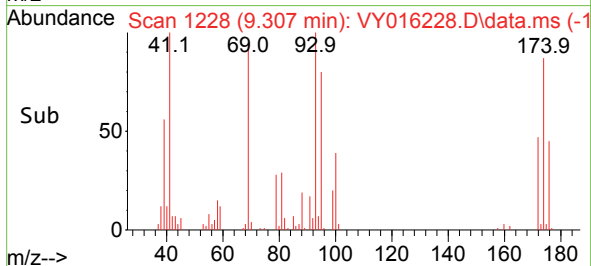
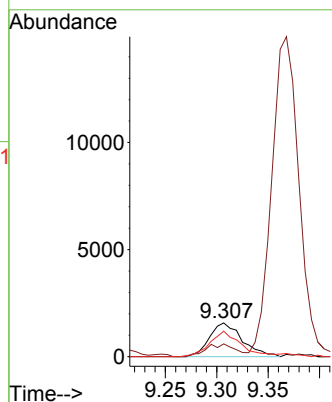
Tgt Ion: 88 Resp: 3498

Ion Ratio Lower Upper

88 100

43 34.8 0.0 0.0#

58 72.4 30.9 46.3#



#50

Toluene-d8

Concen: 50.282 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016228.D

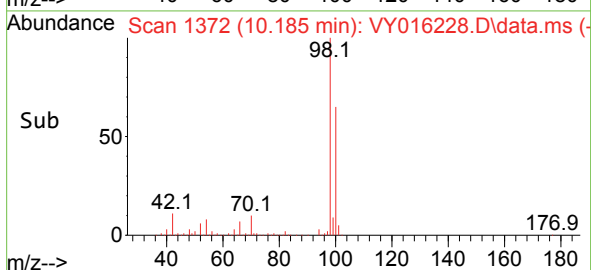
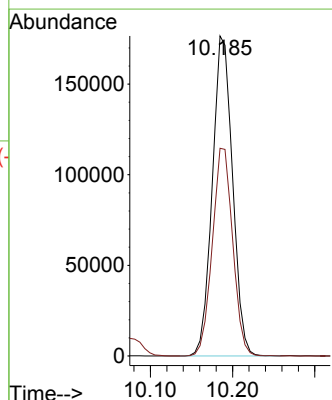
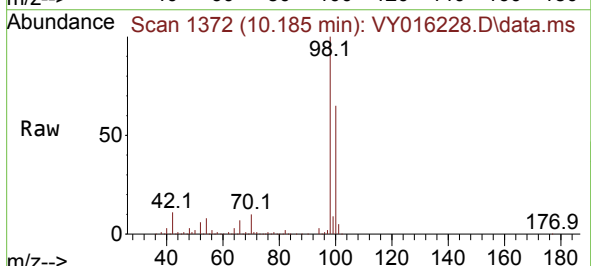
Acq: 06 Nov 2023 11:16

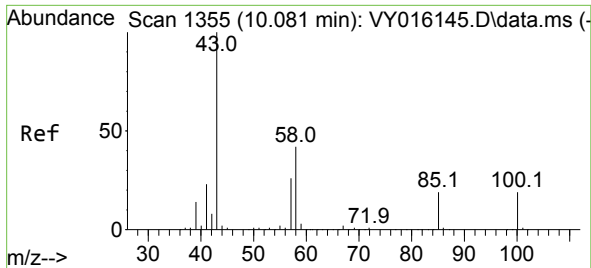
Tgt Ion: 98 Resp: 301653

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

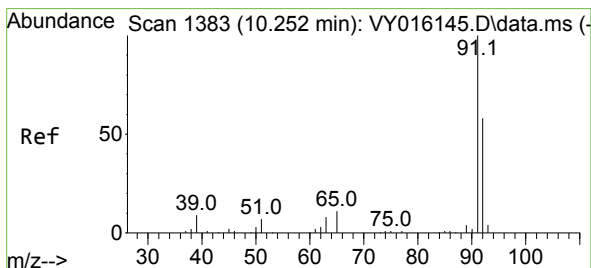
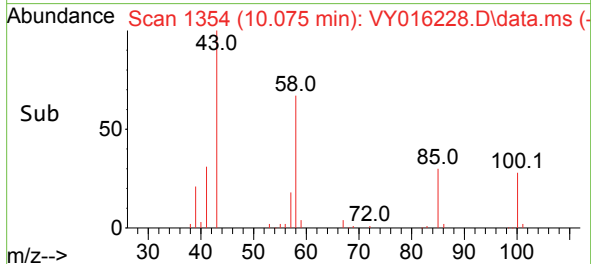
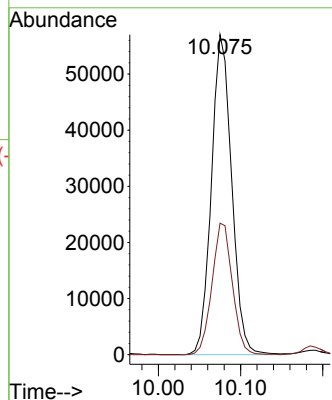
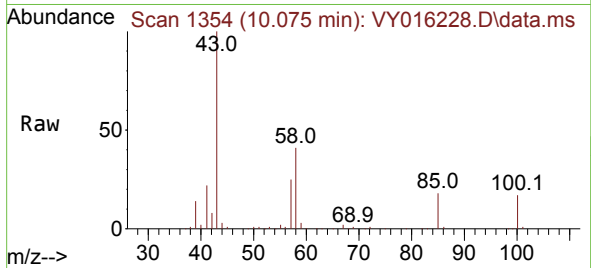




#51
4-Methyl-2-Pentanone
Concen: 101.871 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

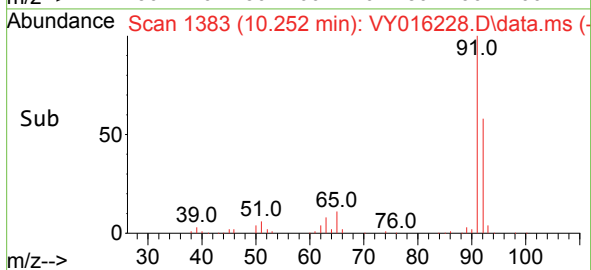
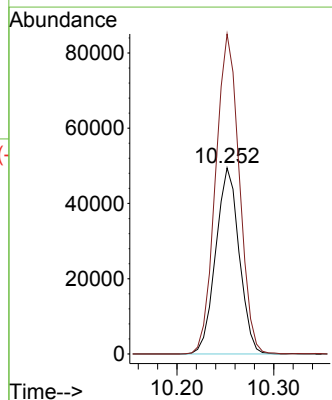
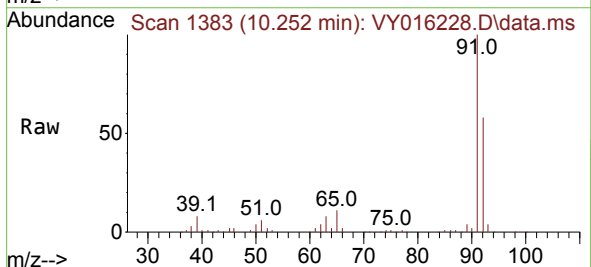
Instrument :
MSVOA_Y
ClientSampleId :

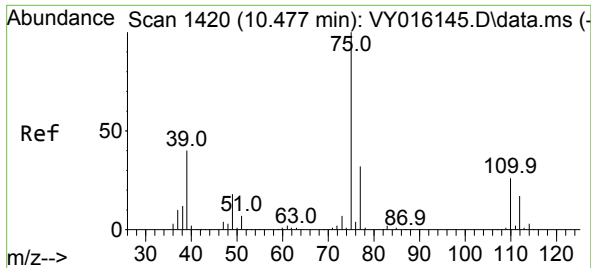
Tgt Ion: 43 Resp: 97847
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6



#52
Toluene
Concen: 20.475 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 92 Resp: 83225
Ion Ratio Lower Upper
92 100
91 174.0 143.8 215.6

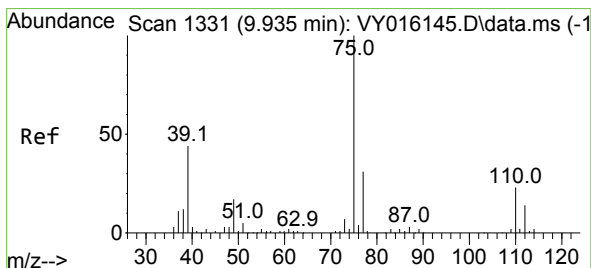
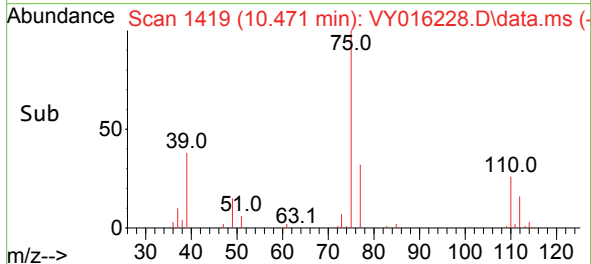
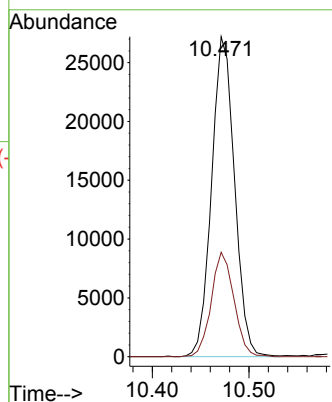
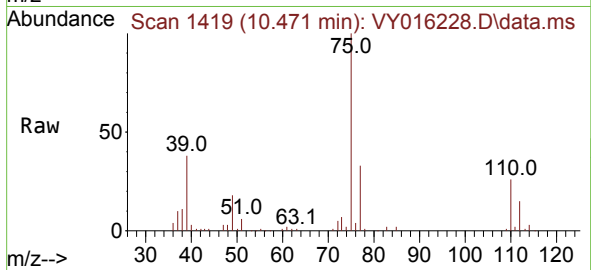




#53
t-1,3-Dichloropropene
Concen: 20.657 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

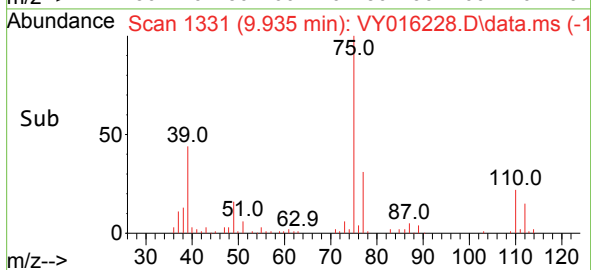
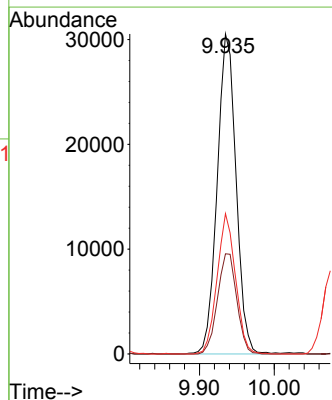
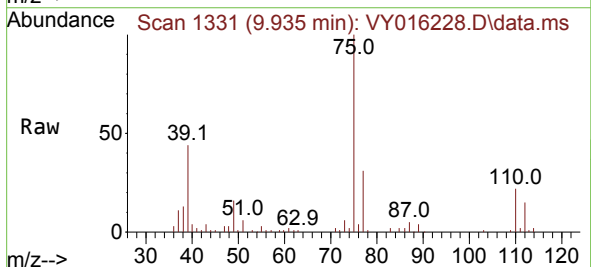
Instrument :
MSVOA_Y
ClientSampleId :

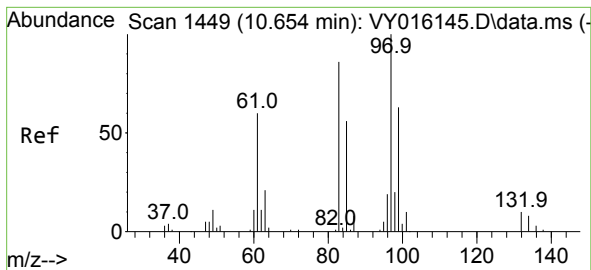
Tgt Ion: 75 Resp: 44849
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 21.011 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 75 Resp: 53530
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 43.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.537 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25933

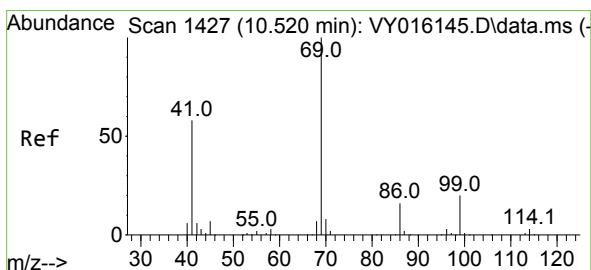
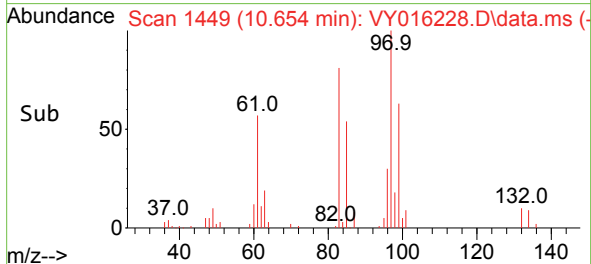
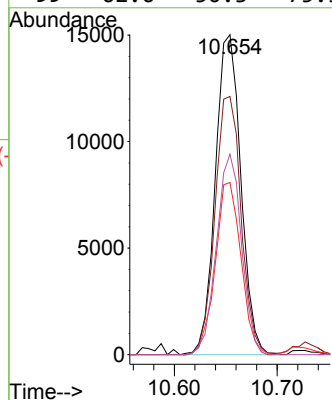
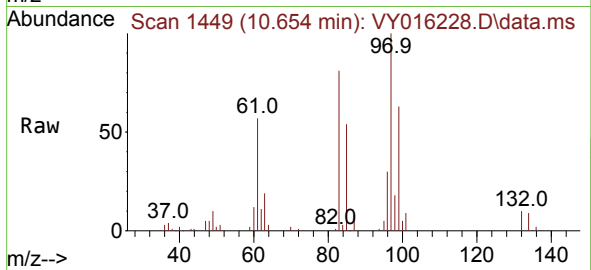
Ion Ratio Lower Upper

97 100

83 80.7 72.0 108.0

85 53.8 45.4 68.0

99 62.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.729 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

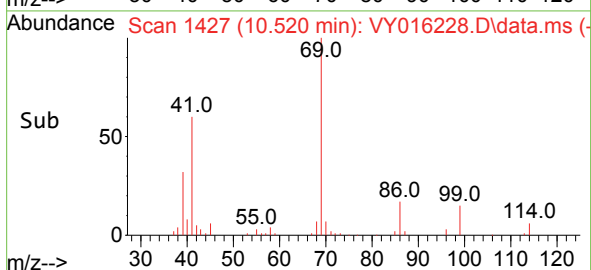
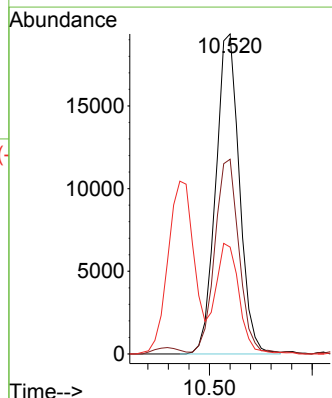
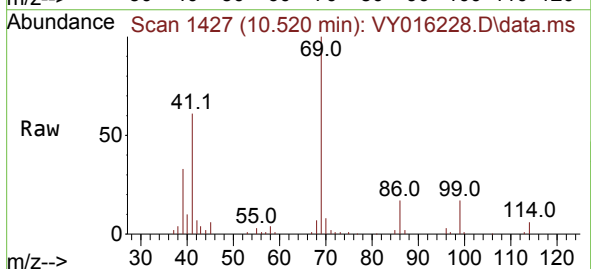
Tgt Ion: 69 Resp: 30851

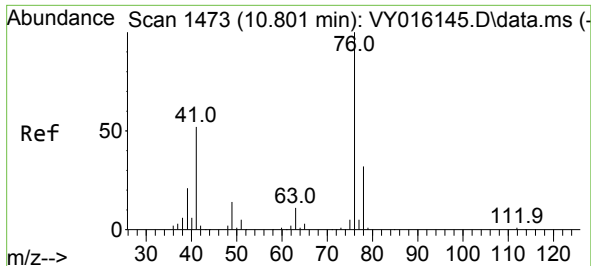
Ion Ratio Lower Upper

69 100

41 62.9 57.6 86.4

39 34.5 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.672 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

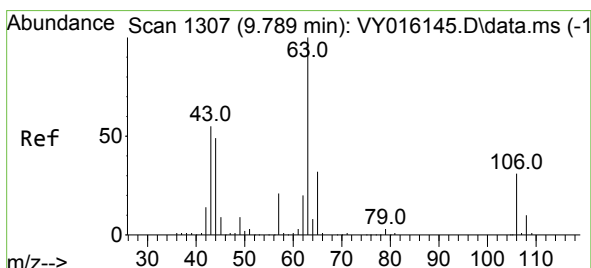
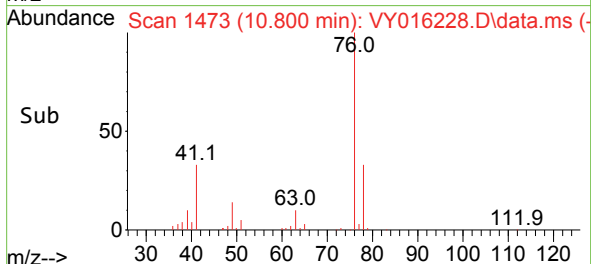
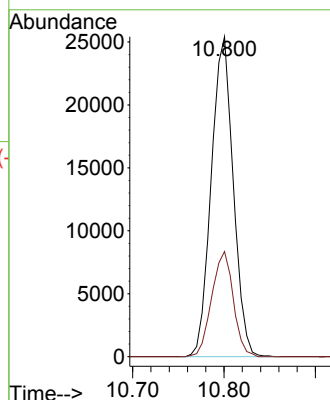
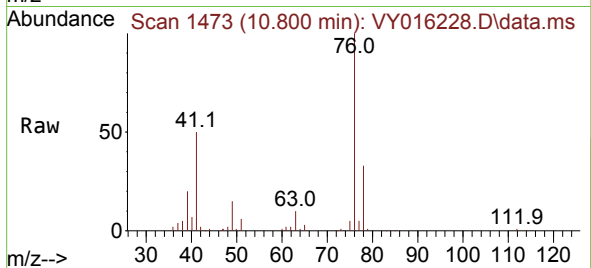
ClientSampleId :

Tgt Ion: 76 Resp: 42374

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 105.591 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016228.D

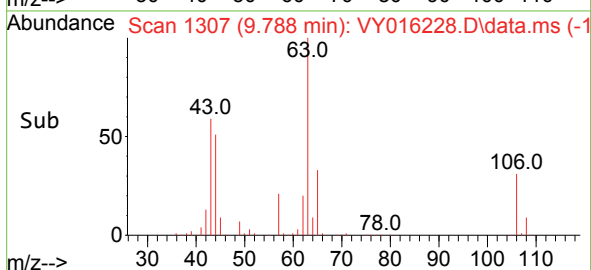
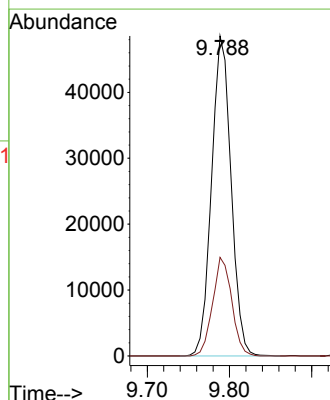
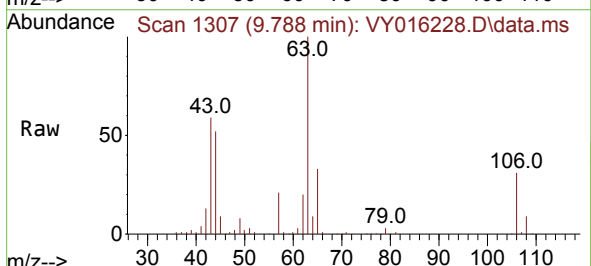
Acq: 06 Nov 2023 11:16

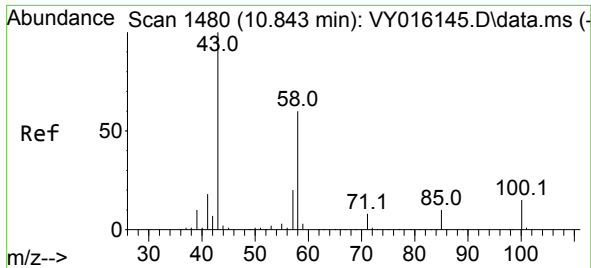
Tgt Ion: 63 Resp: 80067

Ion Ratio Lower Upper

63 100

106 30.2 21.2 31.8

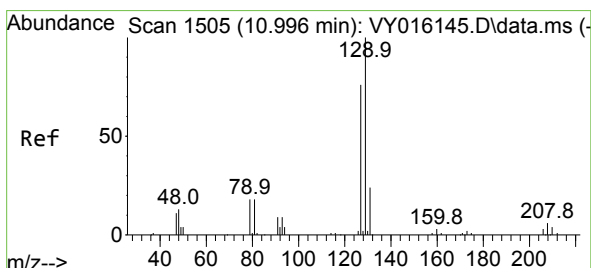
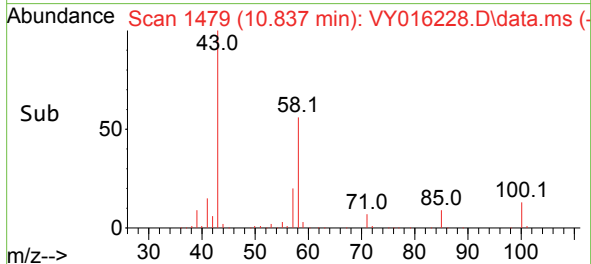
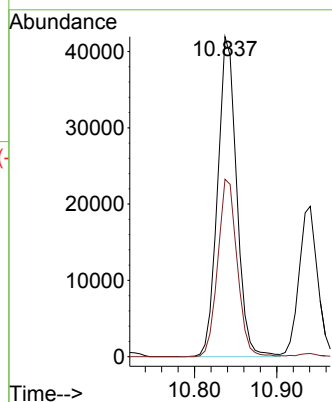
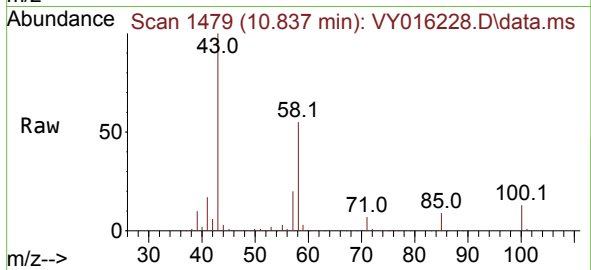




#59
2-Hexanone
Concen: 102.439 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

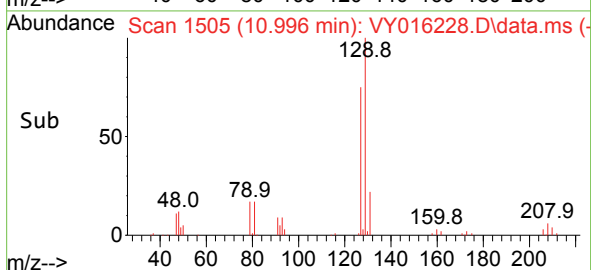
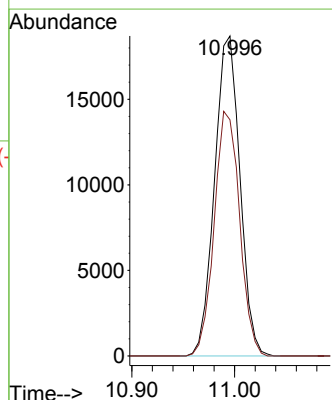
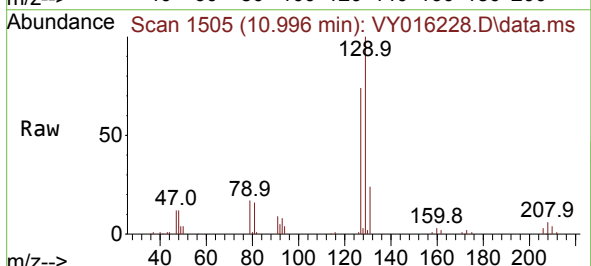
Instrument :
MSVOA_Y
ClientSampleId :

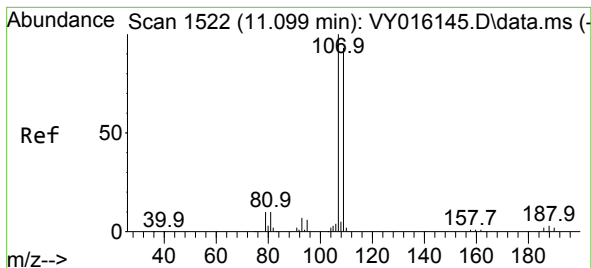
Tgt Ion: 43 Resp: 67425
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3



#60
Dibromochloromethane
Concen: 21.242 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 129 Resp: 32088
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.242 ug/l

RT: 11.099 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

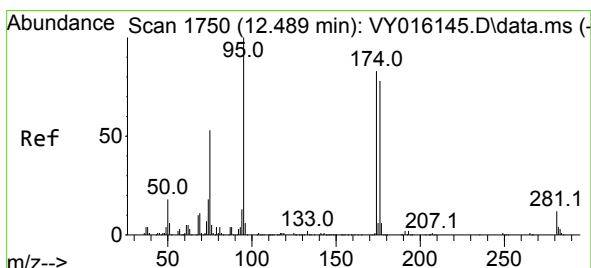
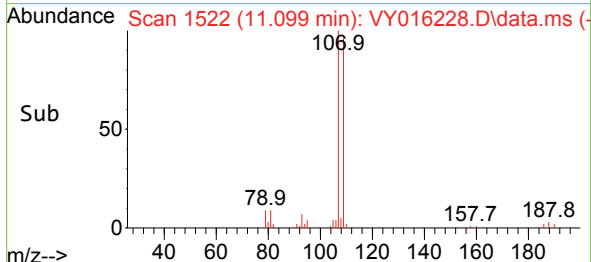
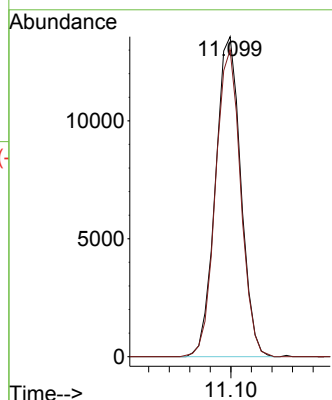
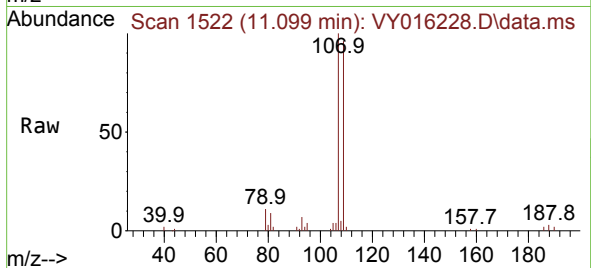
ClientSampleId :

Tgt Ion:107 Resp: 23183

Ion Ratio Lower Upper

107 100

109 95.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 47.949 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

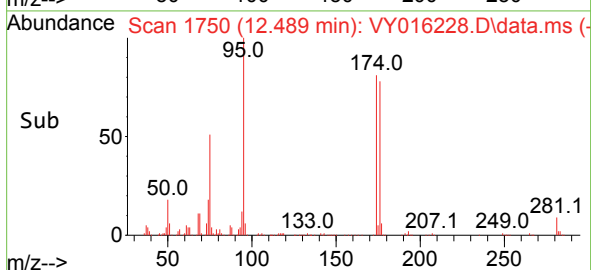
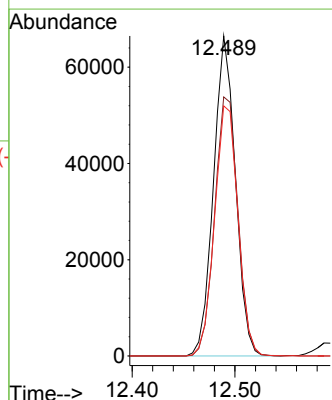
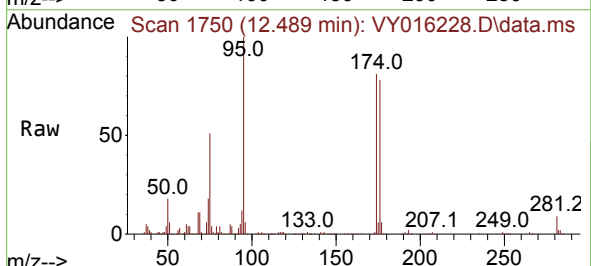
Tgt Ion: 95 Resp: 98363

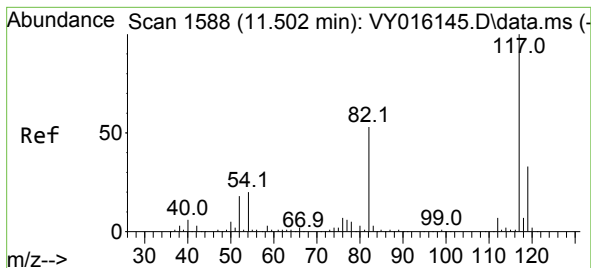
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 83.6 0.0 173.8

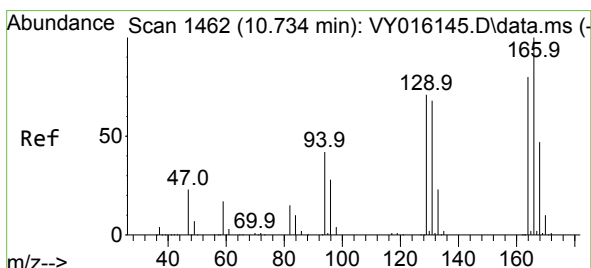
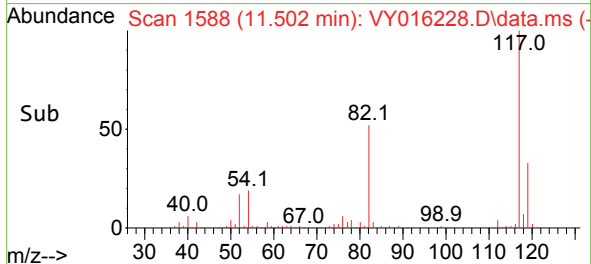
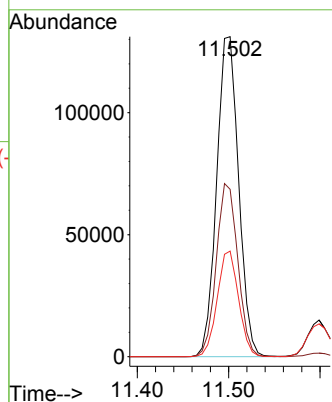
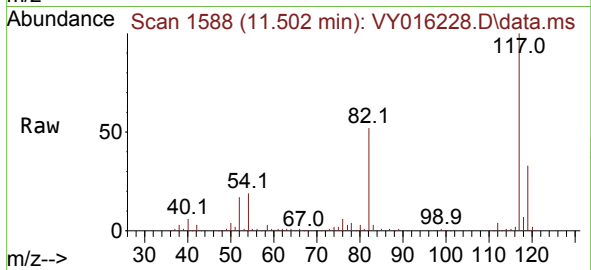




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

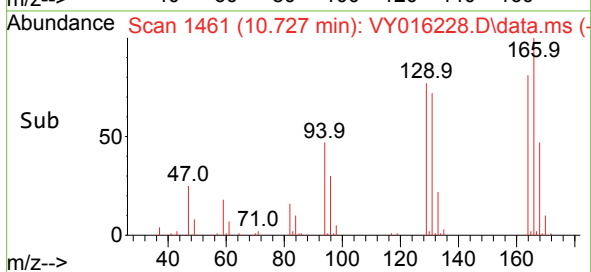
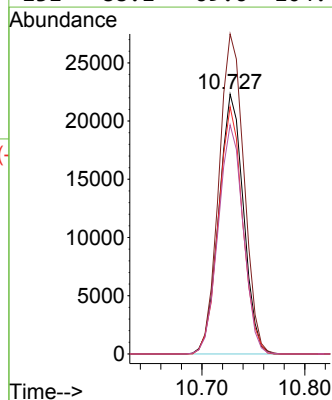
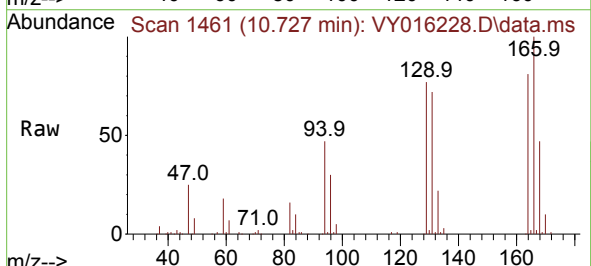
Instrument :
MSVOA_Y
ClientSampleId :

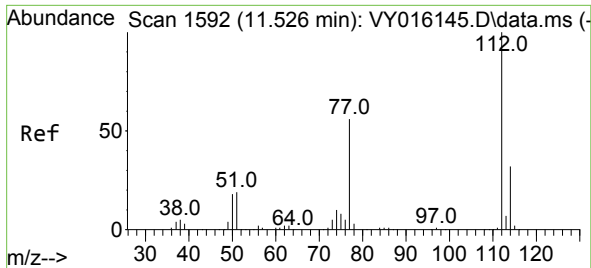
Tgt Ion:117 Resp: 219150
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 33.0 26.3 39.5



#64
Tetrachloroethene
Concen: 19.060 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion:164 Resp: 37154
Ion Ratio Lower Upper
164 100
166 123.1 103.0 154.6
129 95.1 77.2 115.8
131 88.1 69.6 104.4

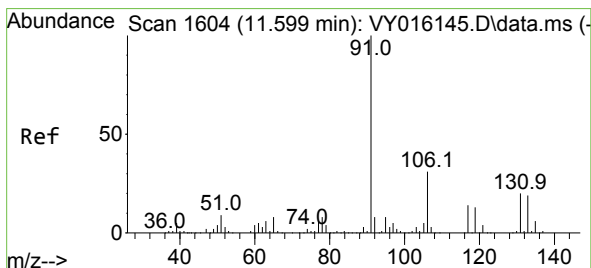
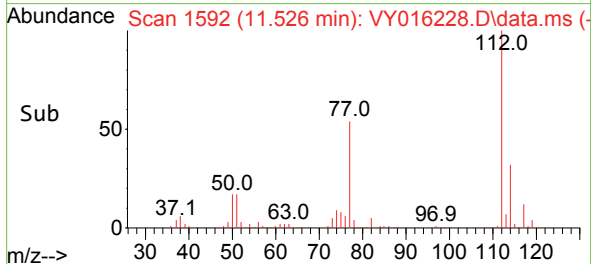
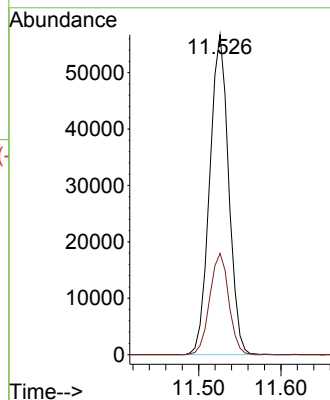
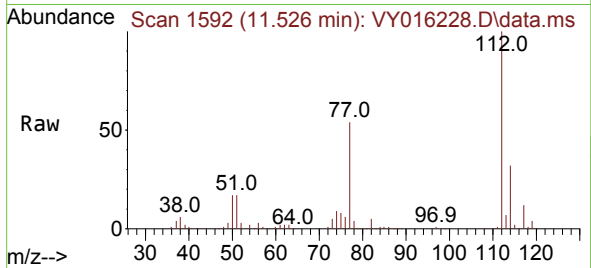




#65
Chlorobenzene
Concen: 20.859 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

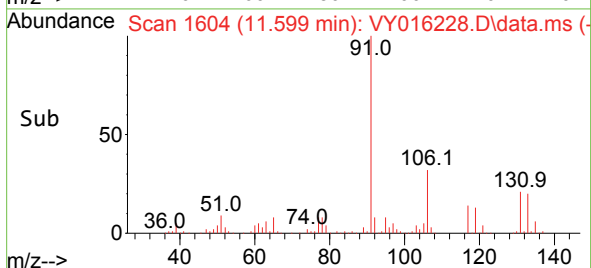
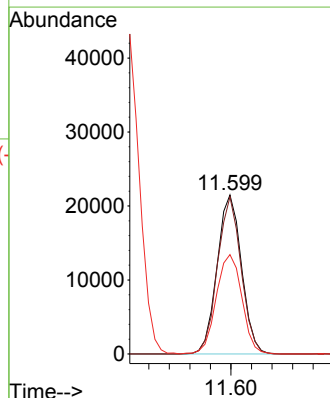
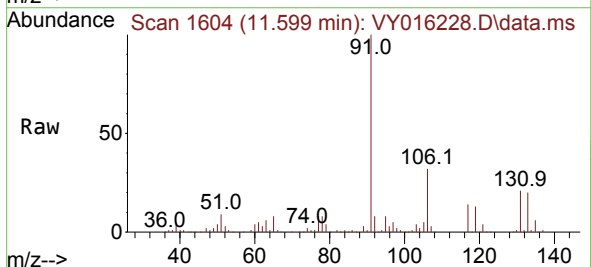
Instrument :
MSVOA_Y
ClientSampleId :

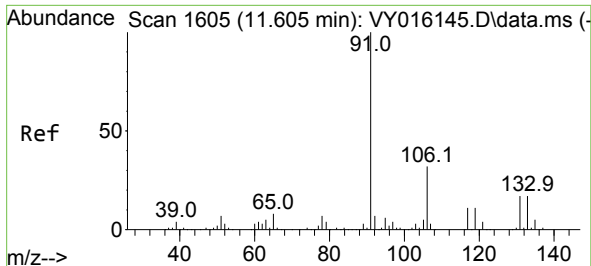
Tgt Ion:112 Resp: 90821
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.977 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion:131 Resp: 35442
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 20.913 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

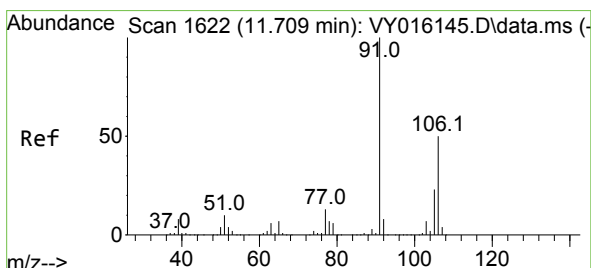
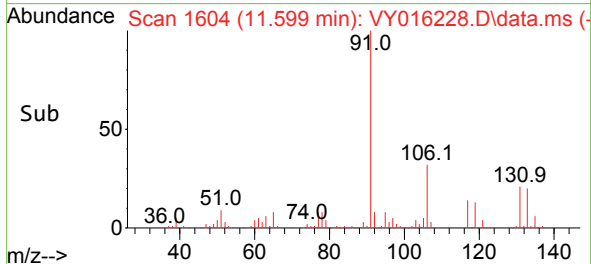
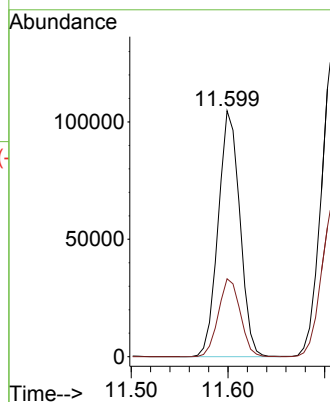
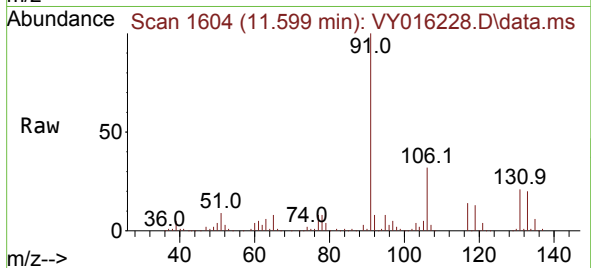
ClientSampleId :

Tgt Ion: 91 Resp: 162860

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 41.648 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016228.D

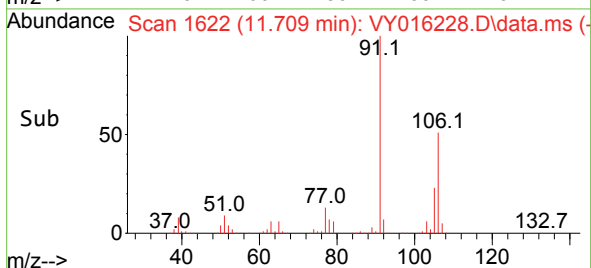
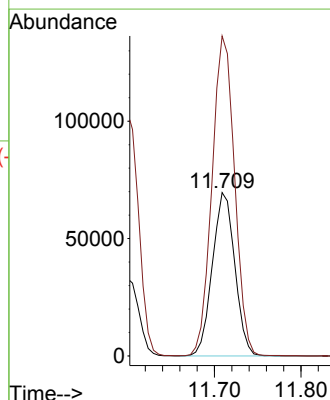
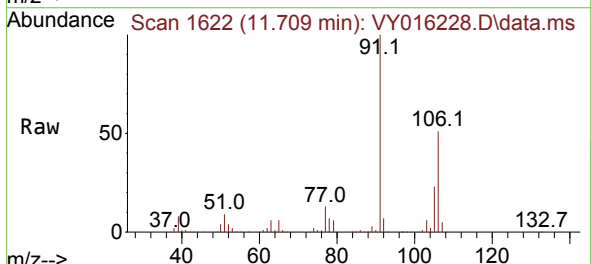
Acq: 06 Nov 2023 11:16

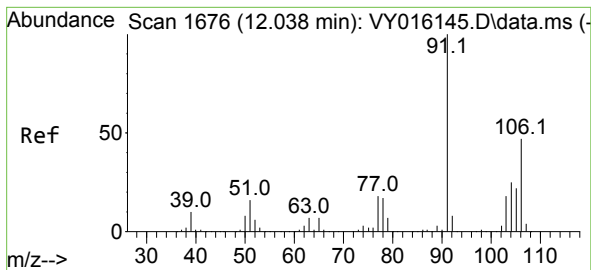
Tgt Ion:106 Resp: 125331

Ion Ratio Lower Upper

106 100

91 197.6 166.1 249.1





#69

o-Xylene

Concen: 20.449 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

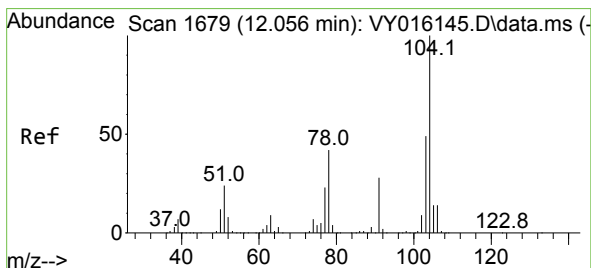
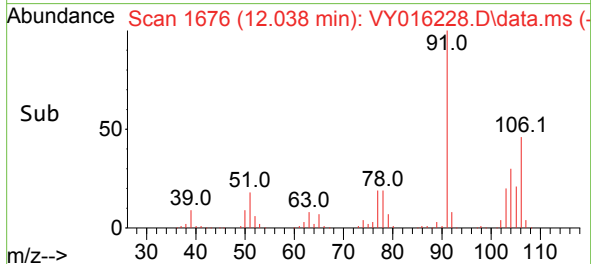
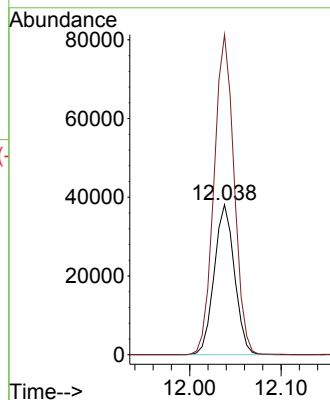
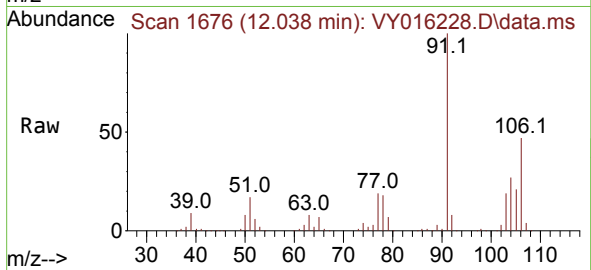
ClientSampleId :

Tgt Ion:106 Resp: 58753

Ion Ratio Lower Upper

106 100

91 211.3 108.1 324.3



#70

Styrene

Concen: 20.676 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

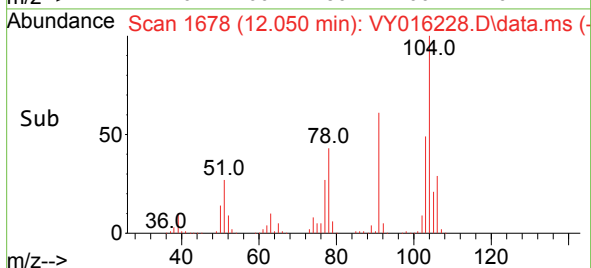
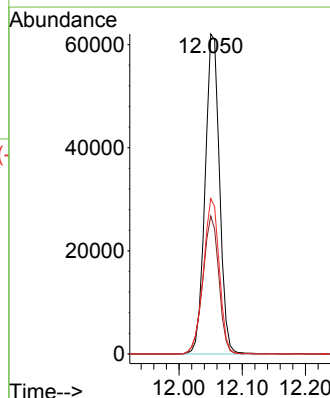
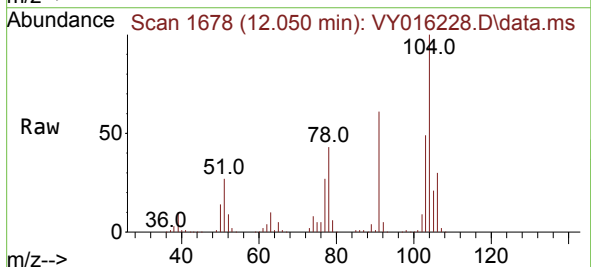
Tgt Ion:104 Resp: 98759

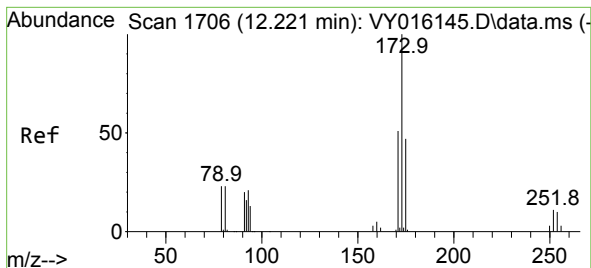
Ion Ratio Lower Upper

104 100

78 47.6 41.5 62.3

103 53.6 44.6 67.0





#71

Bromoform

Concen: 20.542 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

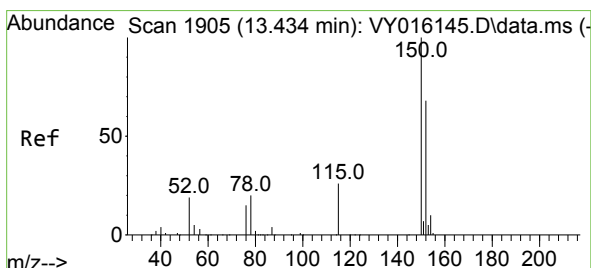
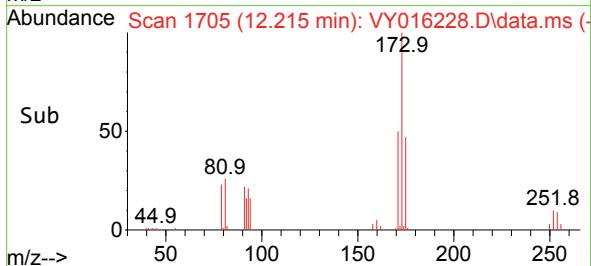
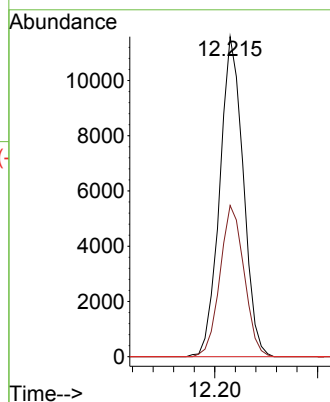
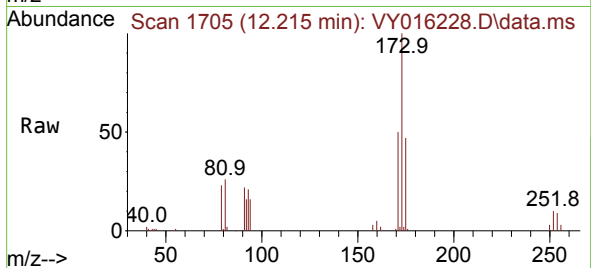
Tgt Ion:173 Resp: 18378

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

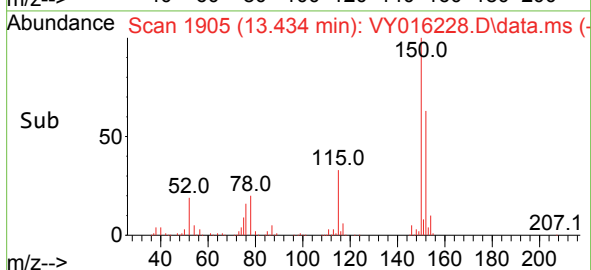
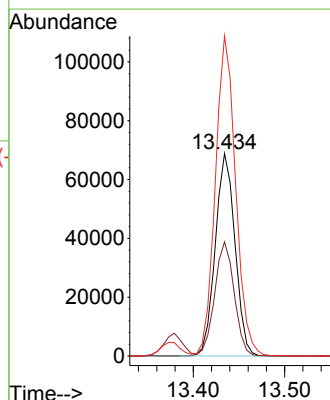
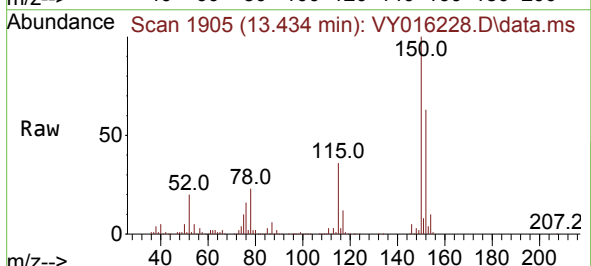
Tgt Ion:152 Resp: 103109

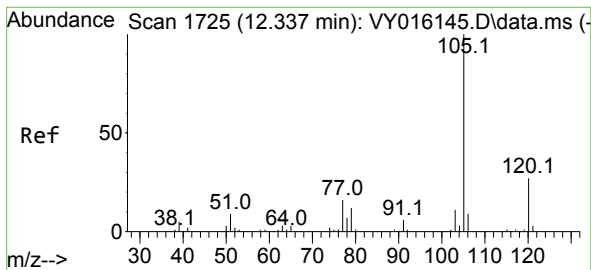
Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 163.0 0.0 348.8





#73

Isopropylbenzene

Concen: 21.156 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

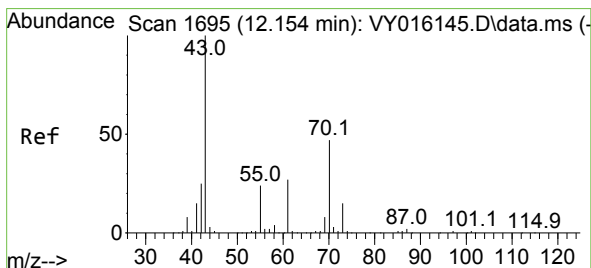
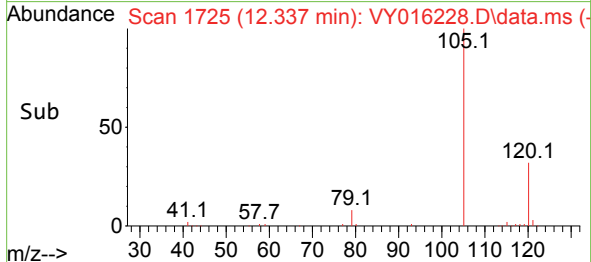
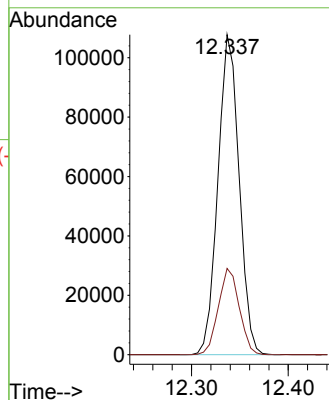
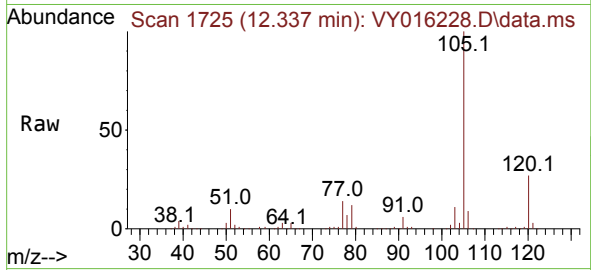
ClientSampleId :

Tgt Ion:105 Resp: 163627

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 19.622 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Tgt Ion: 43 Resp: 32980

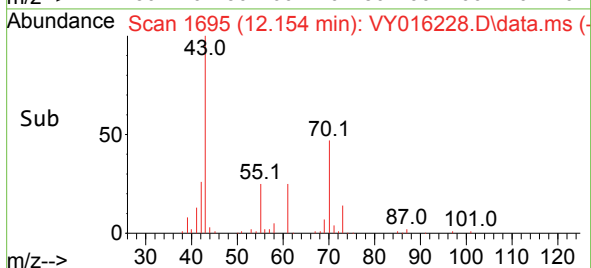
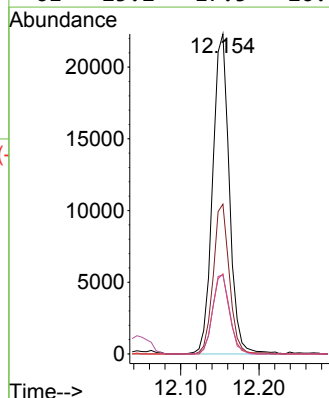
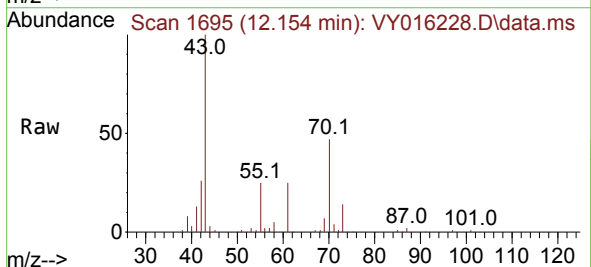
Ion Ratio Lower Upper

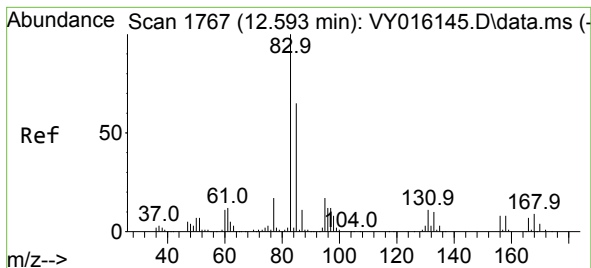
43 100

70 45.2 29.7 44.5#

55 25.0 18.3 27.5

61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.798 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

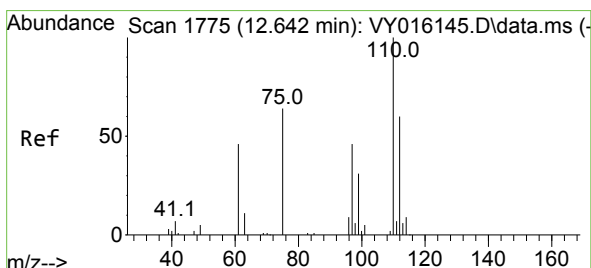
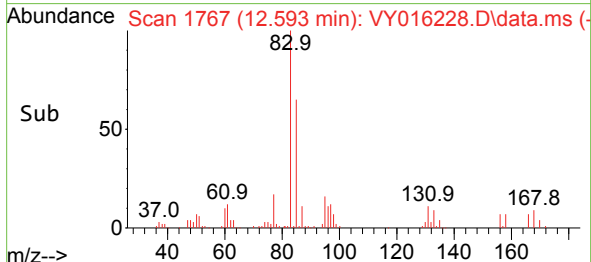
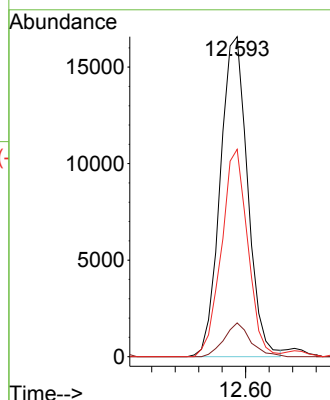
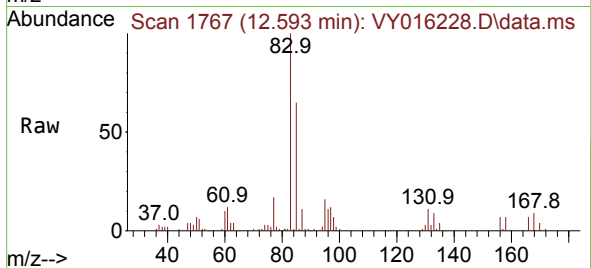
Tgt Ion: 83 Resp: 26828

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 62.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.787 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016228.D

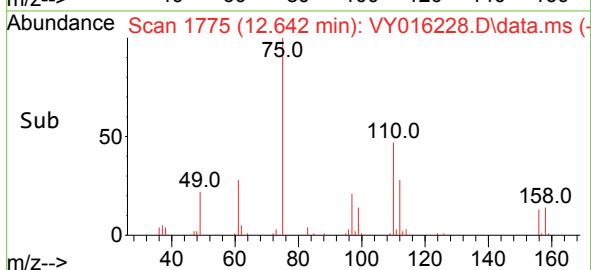
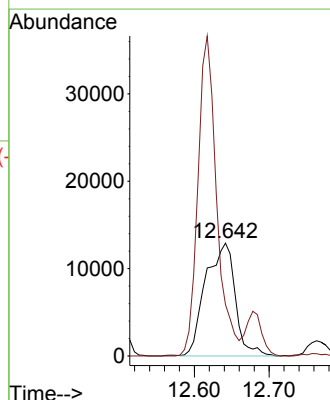
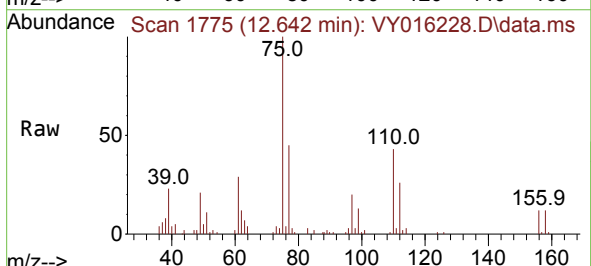
Acq: 06 Nov 2023 11:16

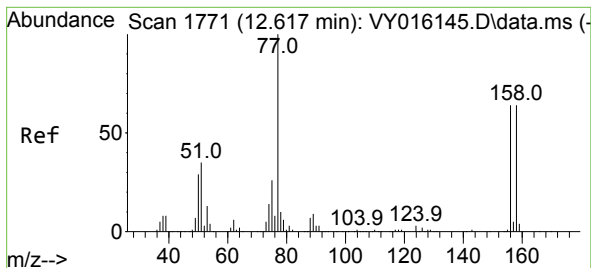
Tgt Ion: 75 Resp: 35720

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.148 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

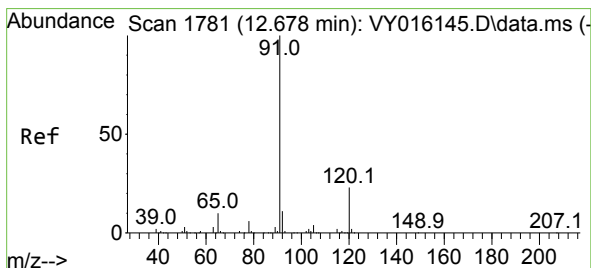
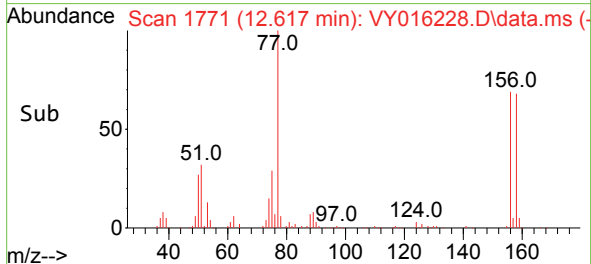
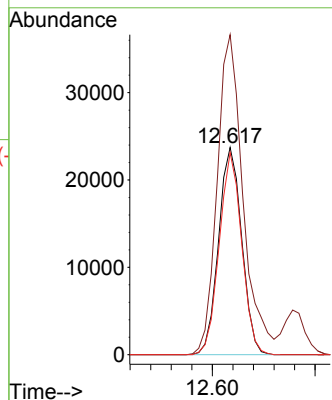
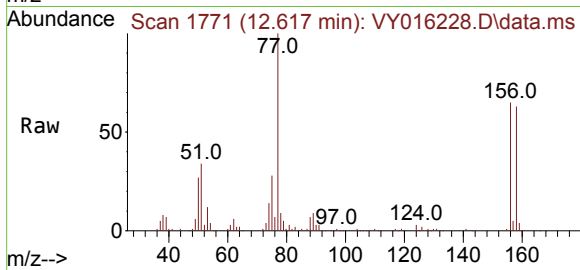
Tgt Ion:156 Resp: 37038

Ion Ratio Lower Upper

156 100

77 172.8 92.8 278.6

158 94.6 48.4 145.3



#78

n-propylbenzene

Concen: 21.294 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016228.D

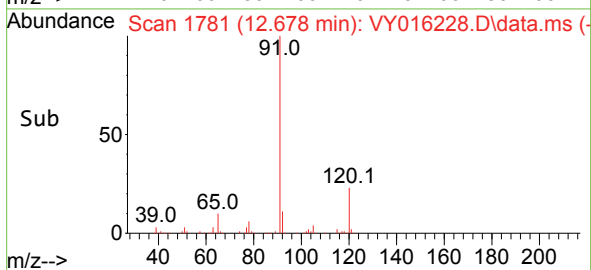
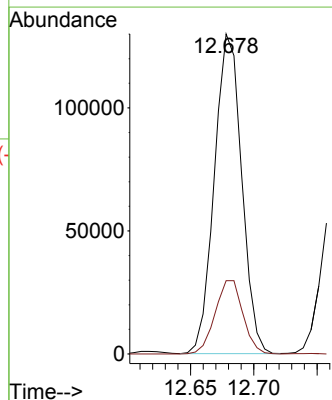
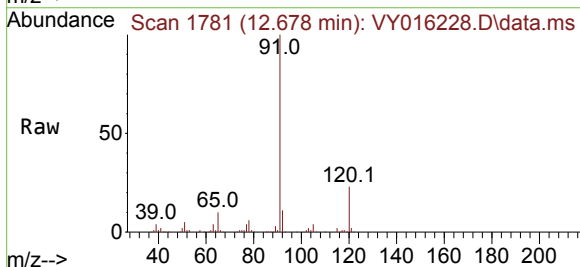
Acq: 06 Nov 2023 11:16

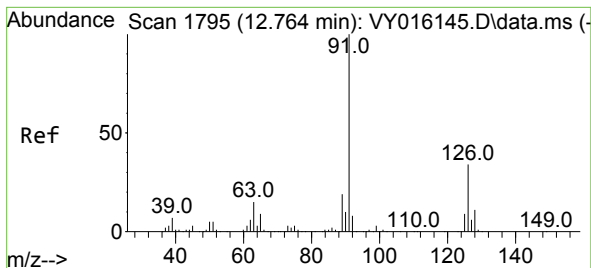
Tgt Ion: 91 Resp: 194714

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

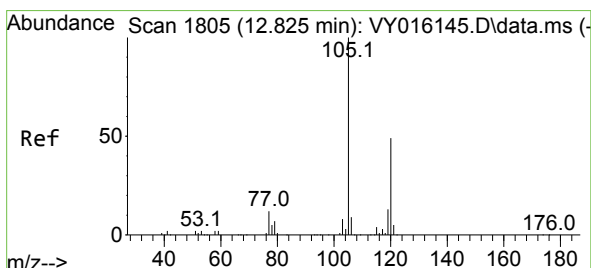
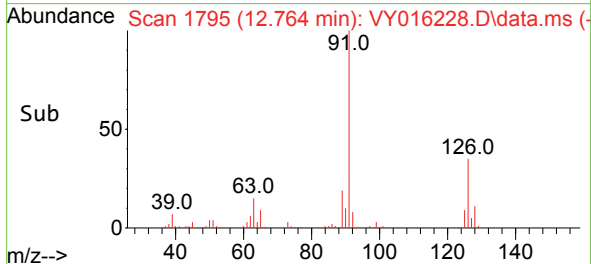
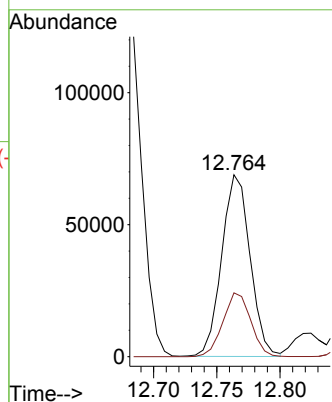
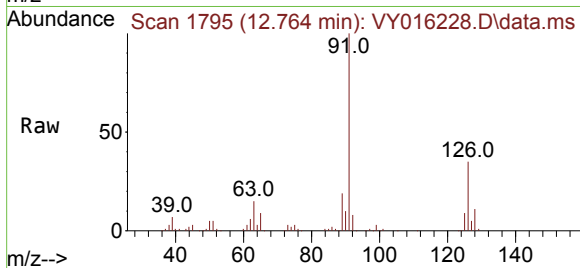




#79
2-Chlorotoluene
Concen: 21.050 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

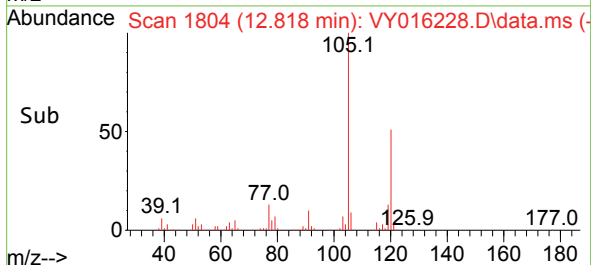
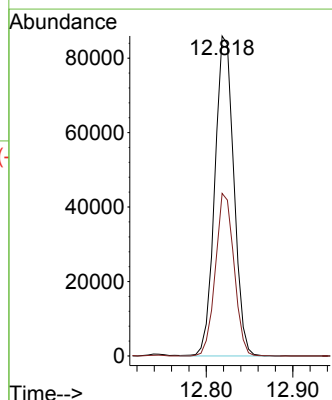
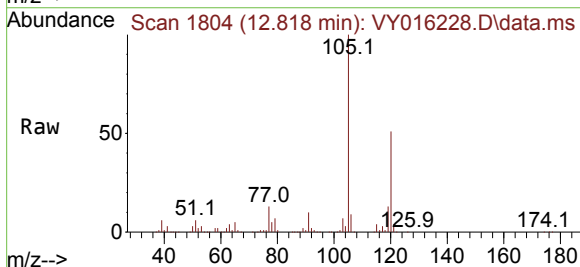
Instrument :
MSVOA_Y
ClientSampleId :

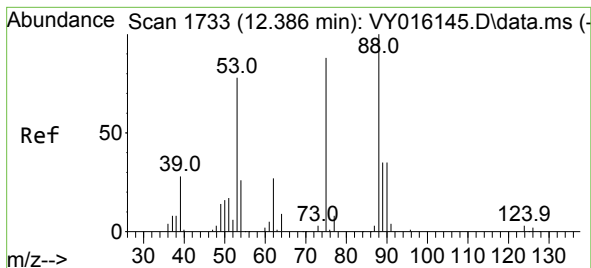
Tgt Ion: 91 Resp: 107358
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.928 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

Tgt Ion: 105 Resp: 131142
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

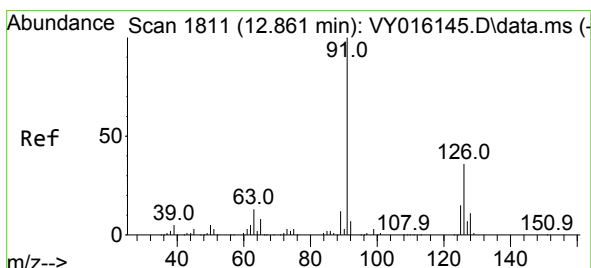
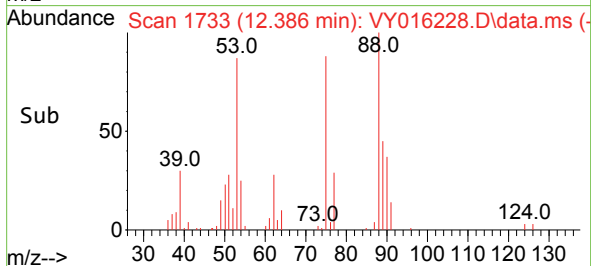
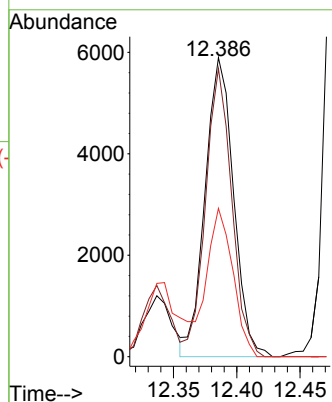
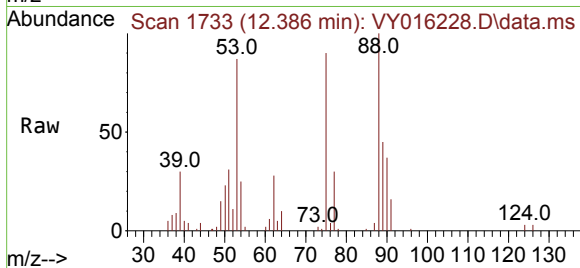




#81
trans-1,4-Dichloro-2-butene
Concen: 20.611 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

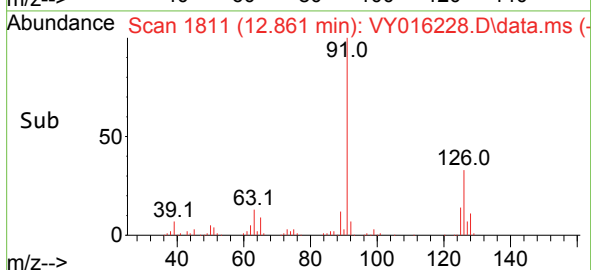
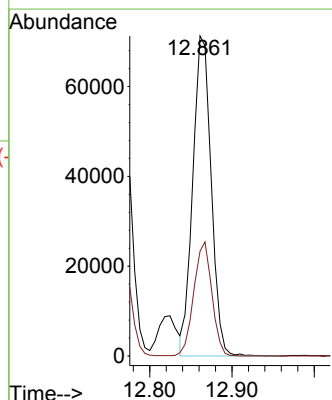
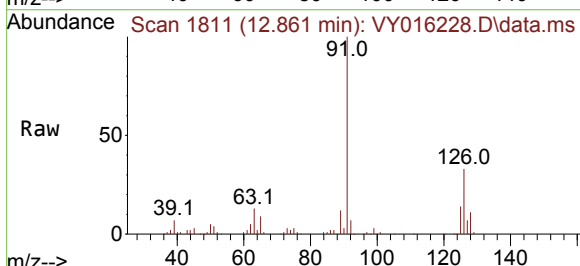
Instrument :
MSVOA_Y
ClientSampleId :

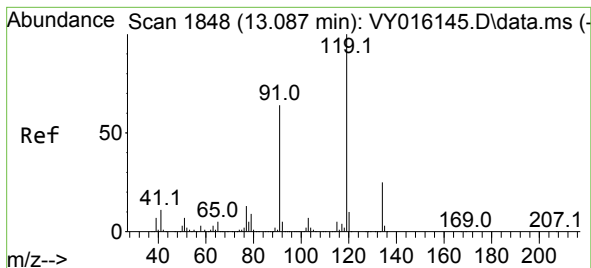
Tgt Ion: 75 Resp: 9230
Ion Ratio Lower Upper
75 100
53 88.9 77.8 116.8
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.110 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016228.D
Acq: 06 Nov 2023 11:16

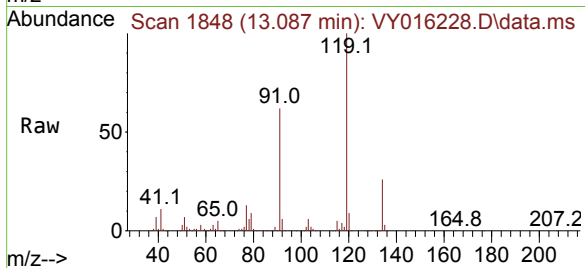
Tgt Ion: 91 Resp: 110557
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





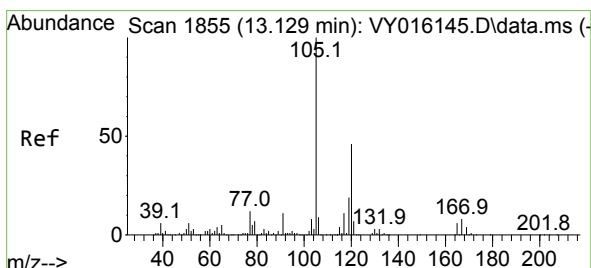
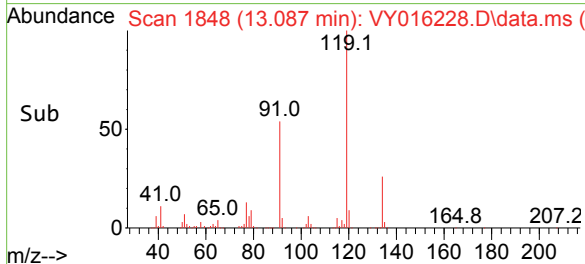
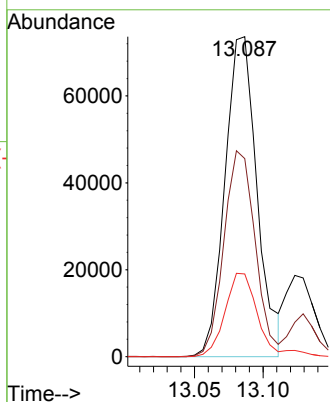
#83
 tert-Butylbenzene
 Concen: 21.441 ug/l
 RT: 13.087 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: VY016228.D
 Acq: 06 Nov 2023 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:119 Resp: 120214

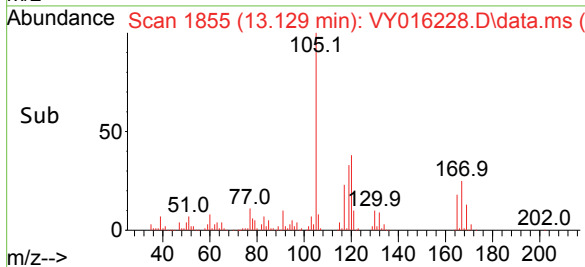
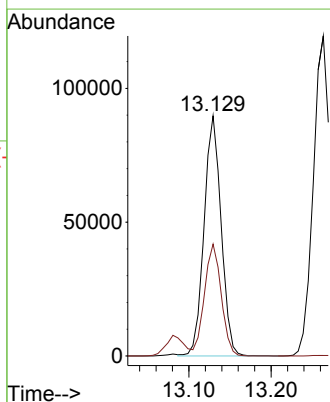
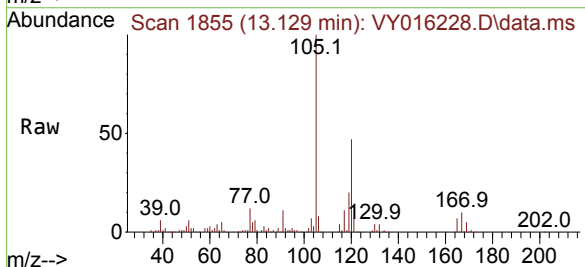
Ion	Ratio	Lower	Upper
119	100		
91	62.8	32.9	98.6
134	27.0	13.0	38.9

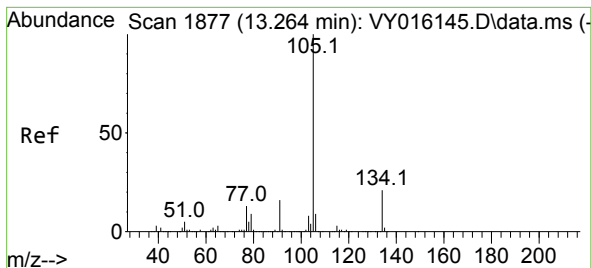


#84
 1,2,4-Trimethylbenzene
 Concen: 20.912 ug/l
 RT: 13.129 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: VY016228.D
 Acq: 06 Nov 2023 11:16

Tgt Ion:105 Resp: 129663

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.2	66.6





#85

sec-Butylbenzene

Concen: 21.420 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

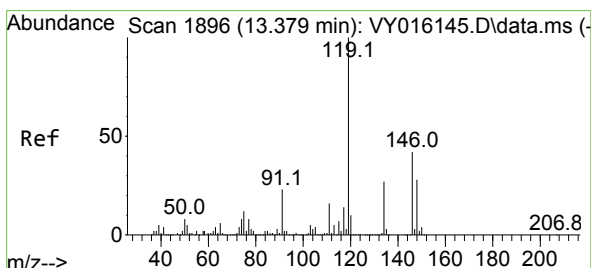
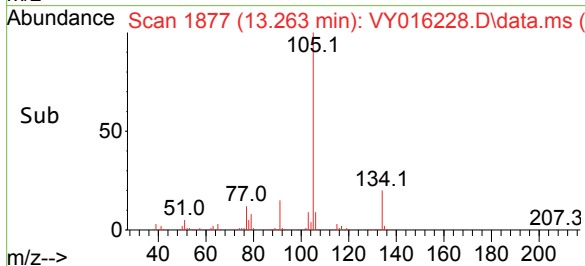
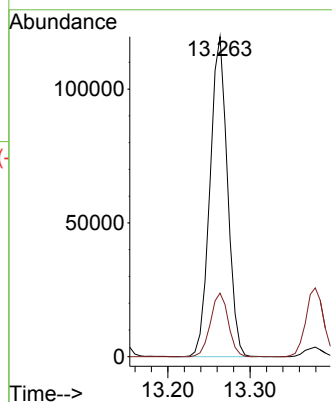
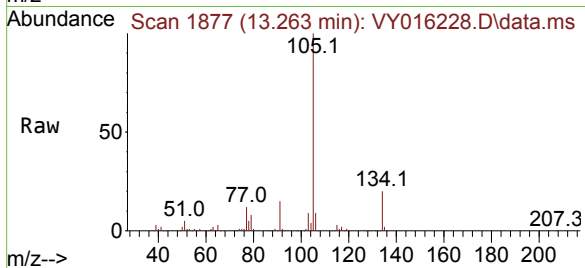
ClientSampleId :

Tgt Ion:105 Resp: 176271

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.331 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

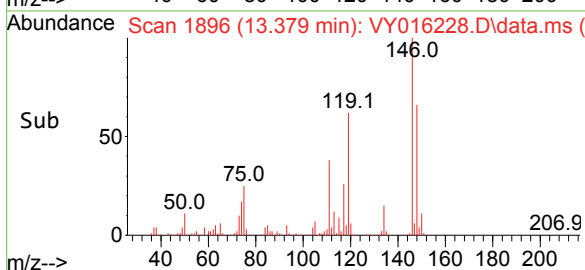
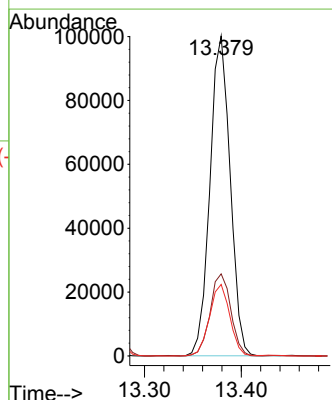
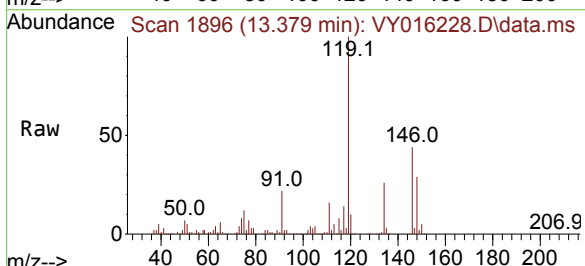
Tgt Ion:119 Resp: 145484

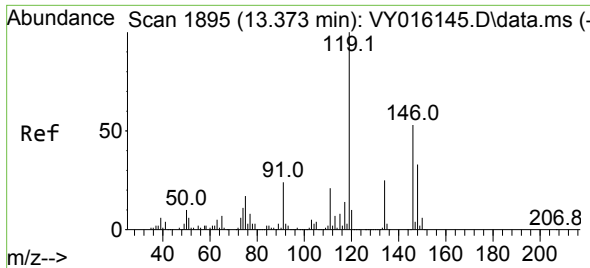
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.6 12.4 37.4

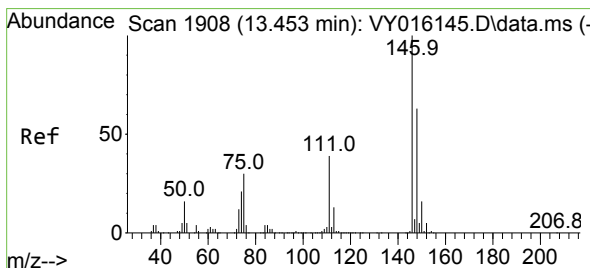
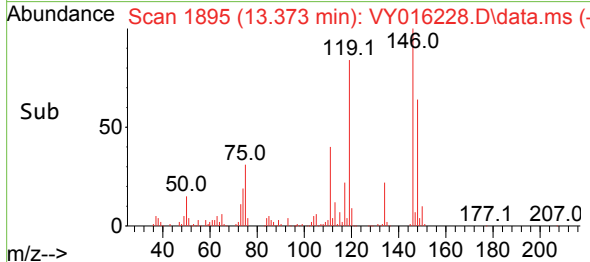
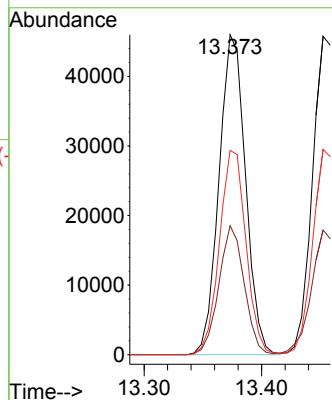
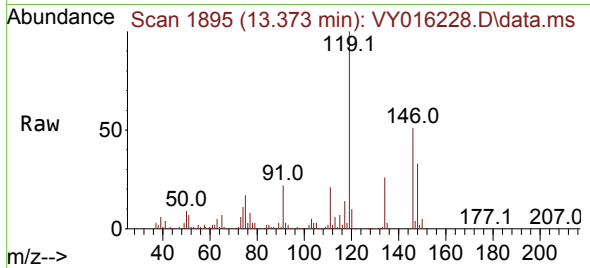




#87
 1,3-Dichlorobenzene
 Concen: 20.835 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016228.D
 Acq: 06 Nov 2023 11:16

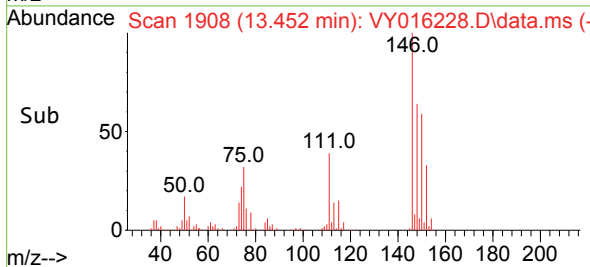
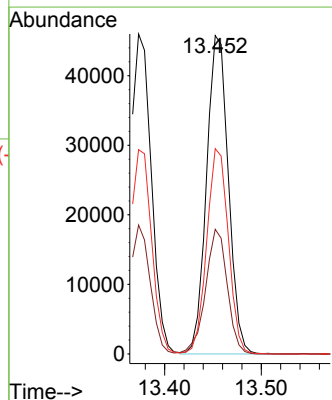
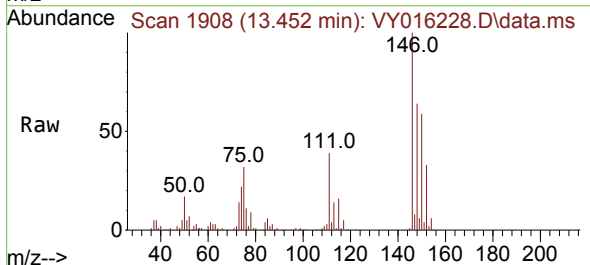
Instrument :
 MSVOA_Y
 ClientSampleId :

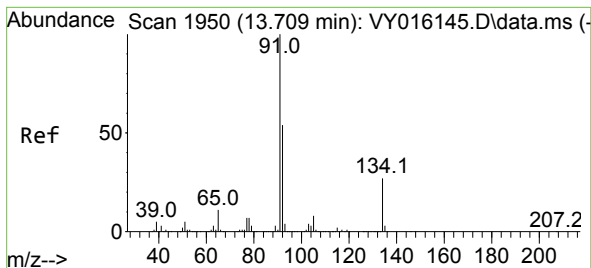
Tgt Ion:146 Resp: 72164
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.2
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.007 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY016228.D
 Acq: 06 Nov 2023 11:16

Tgt Ion:146 Resp: 71916
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.7
 148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 21.326 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

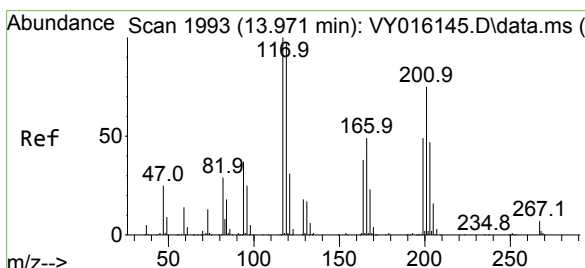
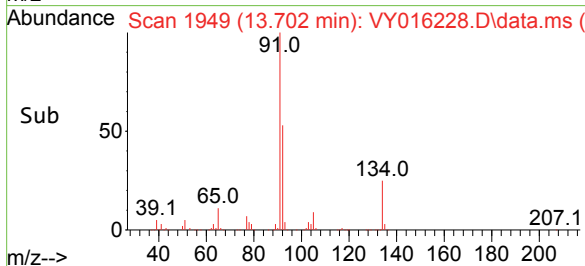
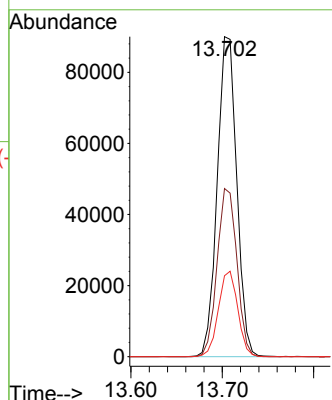
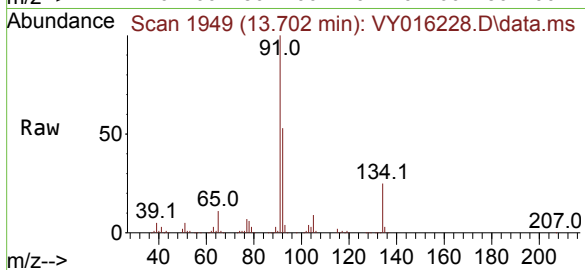
Tgt Ion: 91 Resp: 133648

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 22.945 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016228.D

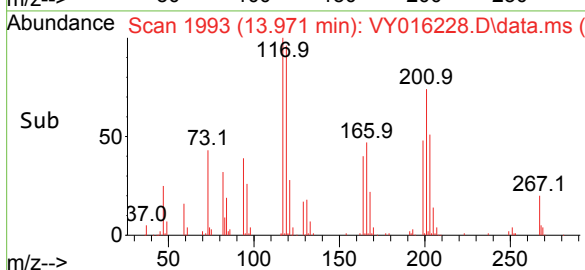
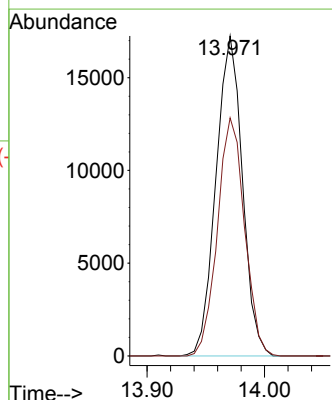
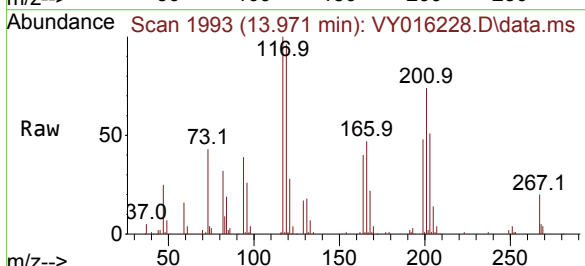
Acq: 06 Nov 2023 11:16

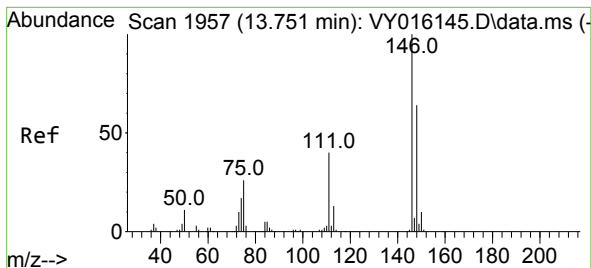
Tgt Ion: 117 Resp: 26968

Ion Ratio Lower Upper

117 100

201 76.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.148 ug/l

RT: 13.745 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

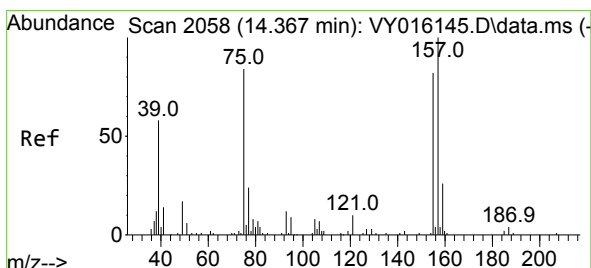
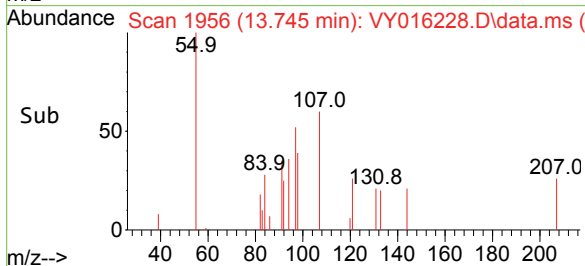
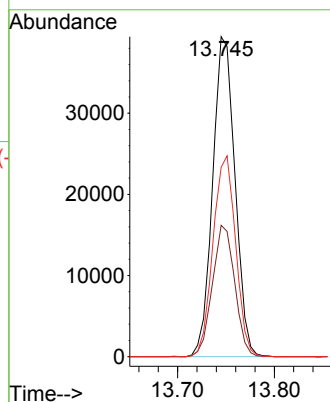
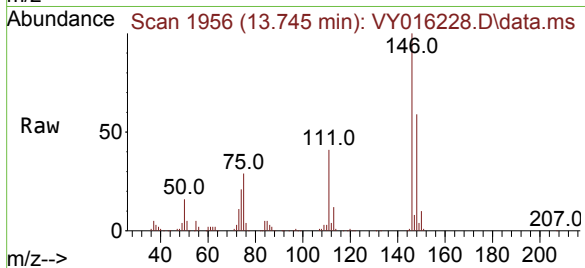
Tgt Ion:146 Resp: 63287

Ion Ratio Lower Upper

146 100

111 41.1 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.023 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

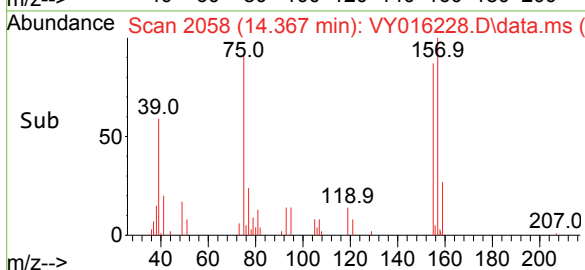
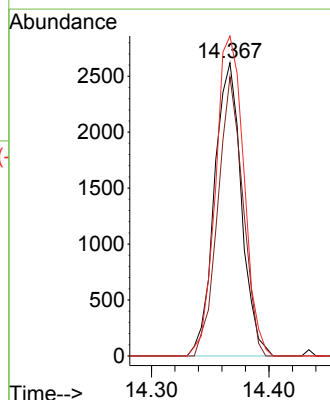
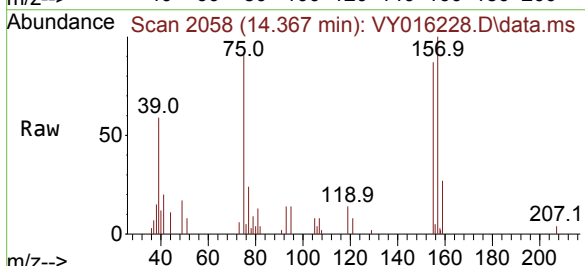
Tgt Ion: 75 Resp: 4190

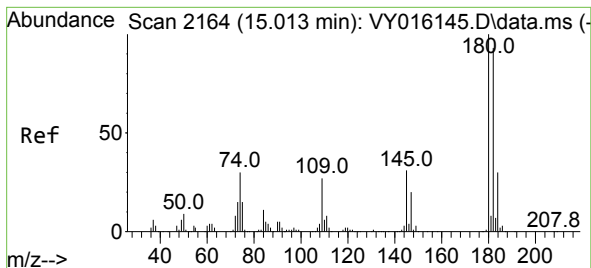
Ion Ratio Lower Upper

75 100

155 88.1 41.5 124.6

157 114.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.050 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

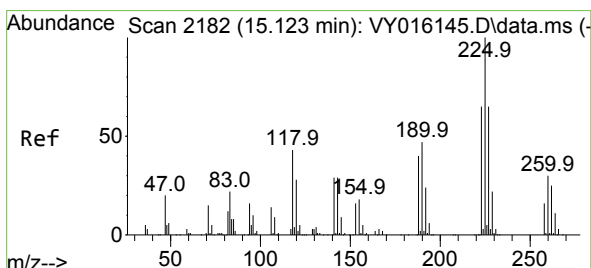
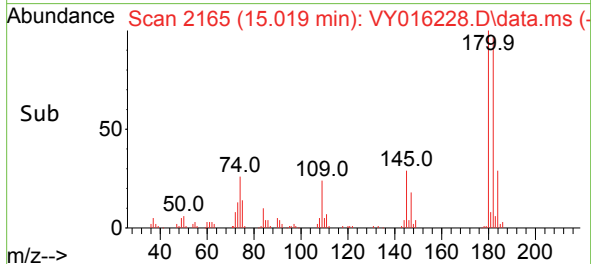
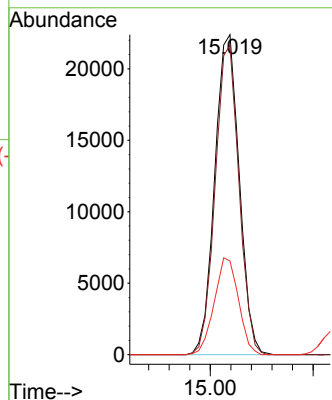
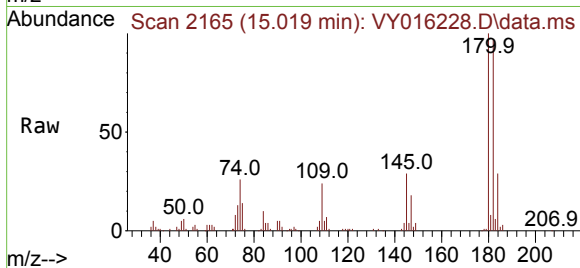
Tgt Ion:180 Resp: 37035

Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.917 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

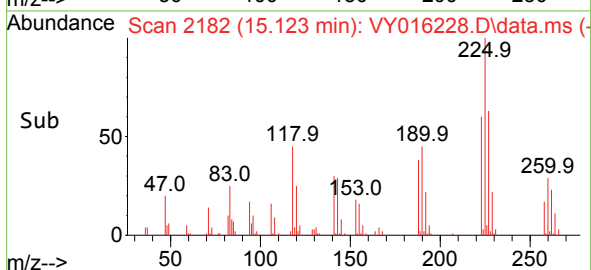
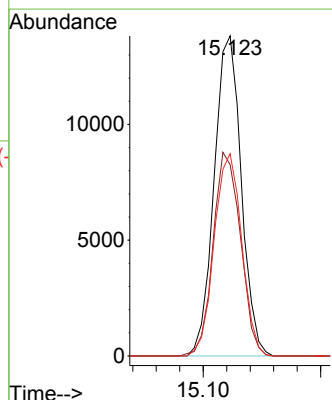
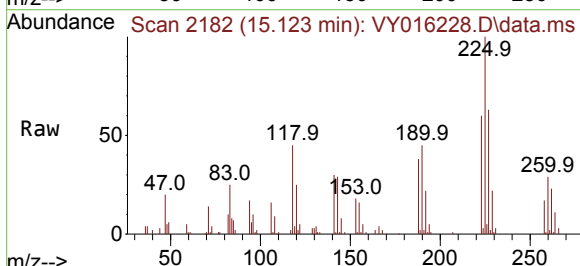
Tgt Ion:225 Resp: 22122

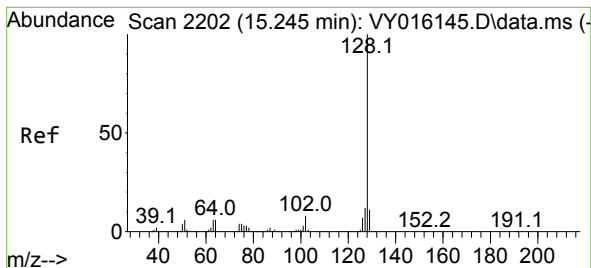
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 17.820 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016228.D

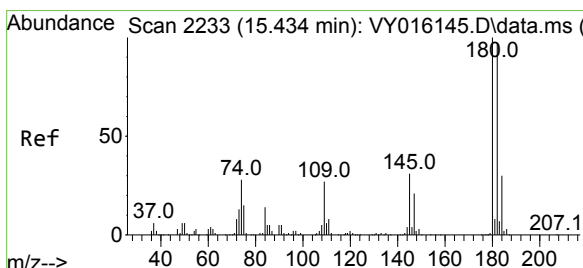
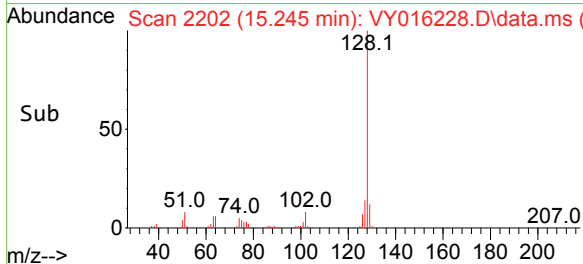
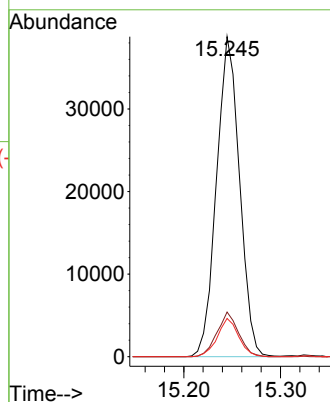
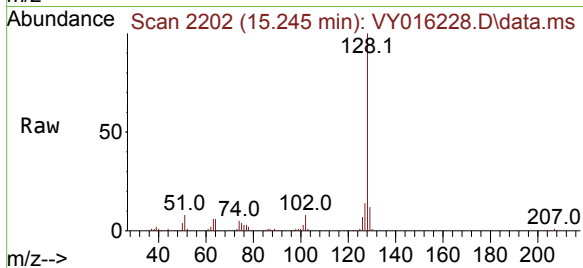
Acq: 06 Nov 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	63946
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.260 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016228.D

Acq: 06 Nov 2023 11:16

Tgt Ion:180	Resp:	30390
Ion Ratio	Lower	Upper
180	100	
182	96.4	47.3 141.8
145	31.9	15.4 46.2

