

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016829.D
 Acq On : 22 Dec 2023 23:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 00:56:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	137230	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	242644	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	208145	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	88028	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	64622	51.584	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.160%	
35) Dibromofluoromethane	7.746	113	68512	49.292	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.580%	
50) Toluene-d8	10.203	98	252156	50.325	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.501	95	79143	48.686	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	51811	44.179	ug/l	100
3) Chloromethane	2.131	50	89570	49.687	ug/l	98
4) Vinyl Chloride	2.272	62	101812	50.002	ug/l	97
5) Bromomethane	2.674	94	73123	50.421	ug/l	94
6) Chloroethane	2.820	64	69980	50.720	ug/l	99
7) Trichlorofluoromethane	3.156	101	115170	48.554	ug/l	97
8) Diethyl Ether	3.558	74	37003	48.766	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.936	101	71703	49.279	ug/l	99
10) Methyl Iodide	4.125	142	65388	43.126	ug/l	99
11) Tert butyl alcohol	4.978	59	24881	242.232	ug/l	99
12) 1,1-Dichloroethene	3.911	96	66040	50.975	ug/l	98
13) Acrolein	3.759	56	17525	221.132	ug/l	99
14) Allyl chloride	4.521	41	107529	54.190	ug/l	99
15) Acrylonitrile	5.204	53	84173	261.948	ug/l	99
16) Acetone	3.972	43	68845	203.225	ug/l	100
17) Carbon Disulfide	4.235	76	183845	52.154	ug/l	99
18) Methyl Acetate	4.515	43	76043	57.440	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	164298	49.288	ug/l	99
20) Methylene Chloride	4.759	84	80430	46.883	ug/l	98
21) trans-1,2-Dichloroethene	5.265	96	77695	52.584	ug/l	99
22) Diisopropyl ether	6.155	45	243642	54.272	ug/l	96
23) Vinyl Acetate	6.100	43	535319	252.125	ug/l	99
24) 1,1-Dichloroethane	6.064	63	143655	53.270	ug/l	99
25) 2-Butanone	7.021	43	108379	232.367	ug/l	95
26) 2,2-Dichloropropane	7.021	77	118360	50.295	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	89298	52.513	ug/l	97
28) Bromochloromethane	7.368	49	59794	56.020	ug/l	98
29) Tetrahydrofuran	7.386	42	68849	269.961	ug/l	99
30) Chloroform	7.539	83	145331	52.643	ug/l	98
31) Cyclohexane	7.819	56	119156	49.643	ug/l	97
32) 1,1,1-Trichloroethane	7.734	97	124395	51.333	ug/l	99
36) 1,1-Dichloropropene	7.947	75	109825	49.287	ug/l	100
37) Ethyl Acetate	7.112	43	47584	49.821	ug/l	99
38) Carbon Tetrachloride	7.935	117	106398	48.254	ug/l	99
39) Methylcyclohexane	9.209	83	128733	50.038	ug/l	97
40) Benzene	8.191	78	330373	50.949	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	26870	52.988	ug/l	98
42) 1,2-Dichloroethane	8.264	62	84073	49.697	ug/l	100
43) Isopropyl Acetate	8.301	43	90446	48.758	ug/l	100
44) Trichloroethene	8.965	130	81770	49.407	ug/l	99
45) 1,2-Dichloropropane	9.240	63	82775	50.889	ug/l	99
46) Dibromomethane	9.331	93	40960	48.745	ug/l	97
47) Bromodichloromethane	9.526	83	109510	49.446	ug/l	98
48) Methyl methacrylate	9.319	41	52035	50.473	ug/l	98
49) 1,4-Dioxane	9.325	88	8674	1063.538	ug/l	99
51) 4-Methyl-2-Pentanone	10.093	43	246750	249.656	ug/l	100
52) Toluene	10.270	92	198822	51.166	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	99385	49.213	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	121596	49.918	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	58208	48.552	ug/l	98
56) Ethyl methacrylate	10.532	69	52482	49.782	ug/l	98
57) 1,3-Dichloropropane	10.813	76	100814	49.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	163275	287.898	ug/l	98
59) 2-Hexanone	10.855	43	165827	225.010	ug/l	100
60) Dibromochloromethane	11.008	129	66929	48.258	ug/l	100
61) 1,2-Dibromoethane	11.111	107	51271	47.687	ug/l	98
64) Tetrachloroethene	10.746	164	63669	49.242	ug/l	96
65) Chlorobenzene	11.538	112	203517	49.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	73646	47.864	ug/l	97
67) Ethyl Benzene	11.611	91	382650	50.837	ug/l	98
68) m/p-Xylenes	11.721	106	285088	102.567	ug/l	99
69) o-Xylene	12.050	106	130861	51.319	ug/l	99
70) Styrene	12.062	104	192235	50.946	ug/l	99
71) Bromoform	12.227	173	35608	46.419	ug/l #	98
73) Isopropylbenzene	12.349	105	360564	52.593	ug/l	100
74) N-amyl acetate	12.160	43	68736	47.774	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	66808	48.765	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	78573	80.745	ug/l #	100
77) Bromobenzene	12.629	156	73495	49.140	ug/l	98
78) n-propylbenzene	12.690	91	437807	52.708	ug/l	99
79) 2-Chlorotoluene	12.776	91	236551	51.466	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	282031	51.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	18742	45.231	ug/l	99
82) 4-Chlorotoluene	12.873	91	242929	51.519	ug/l	99
83) tert-Butylbenzene	13.093	119	246448	52.208	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	280553	52.427	ug/l	99
85) sec-Butylbenzene	13.270	105	366765	52.456	ug/l	100
86) p-Isopropyltoluene	13.385	119	299979	51.518	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	144797	49.539	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	139866	49.006	ug/l	98
89) n-Butylbenzene	13.715	91	292390	52.530	ug/l	99
90) Hexachloroethane	13.977	117	61367	50.613	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	123355	49.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7841	44.152	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	60003	45.414	ug/l	97
94) Hexachlorobutadiene	15.129	225	35391	47.160	ug/l	99
95) Naphthalene	15.257	128	108849	39.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	50268	44.672	ug/l	99

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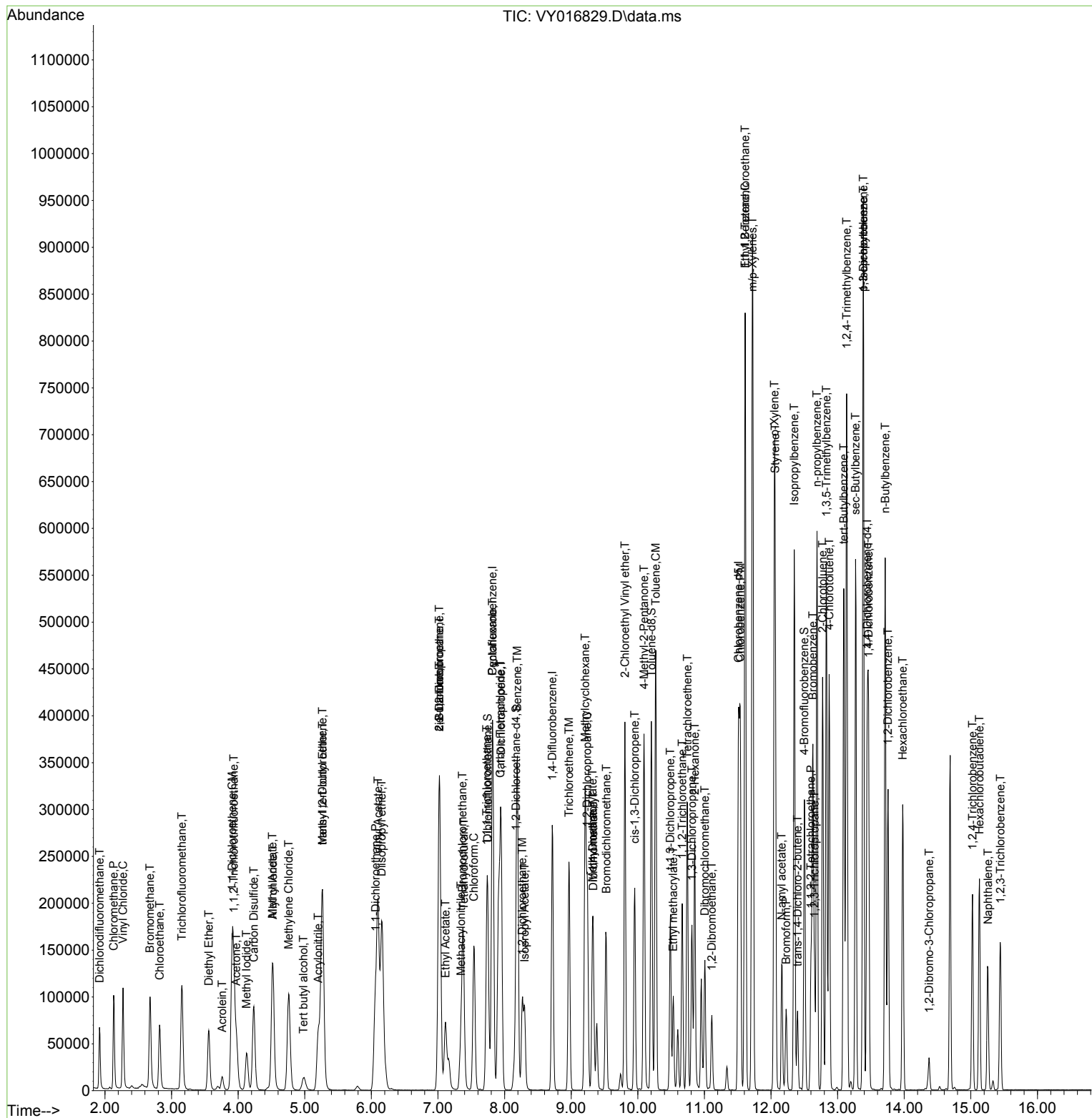
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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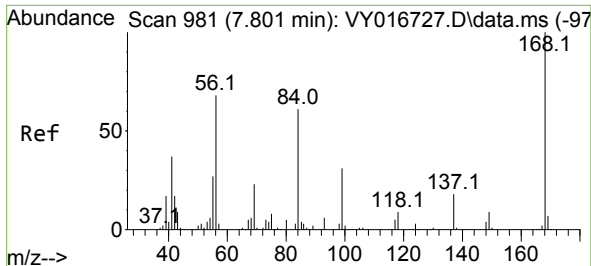
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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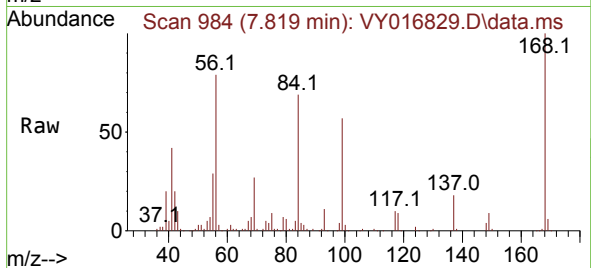
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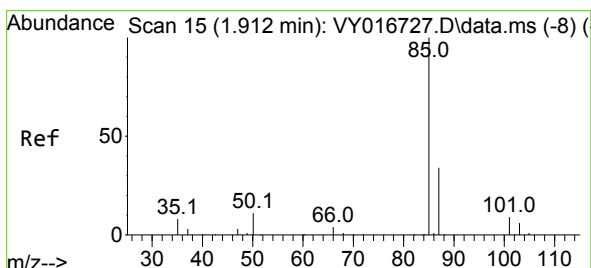
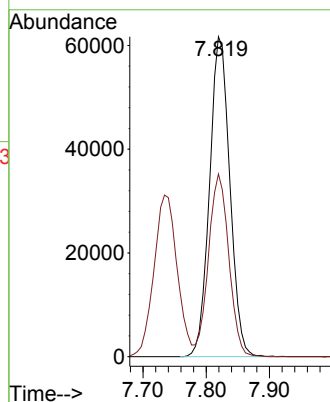
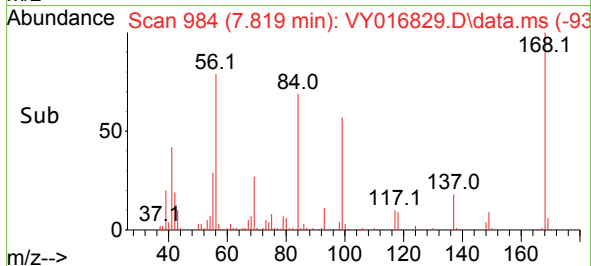


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016829.D
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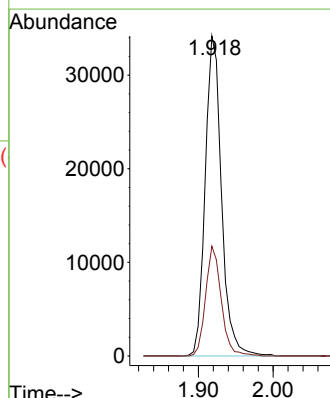
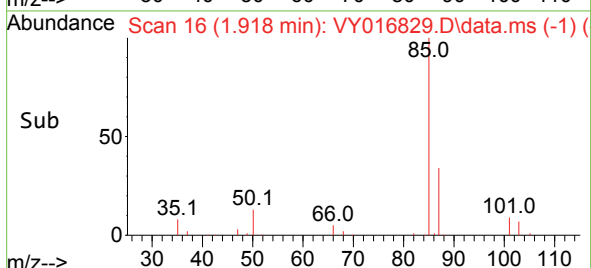
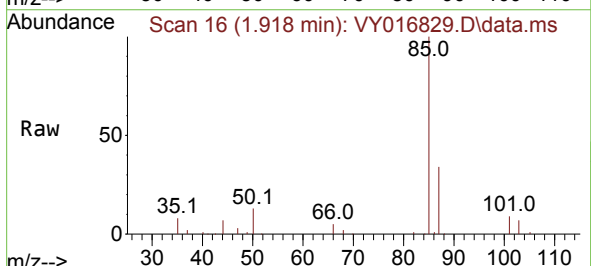


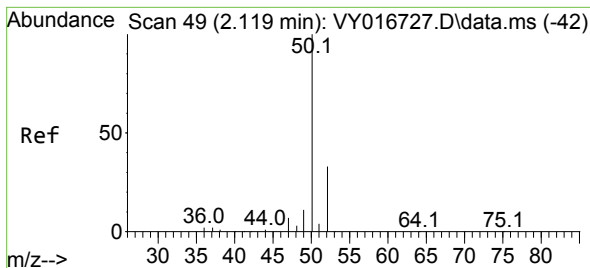
Tgt Ion:168 Resp: 137230
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 44.179 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 85 Resp: 51811
Ion Ratio Lower Upper
85 100
87 34.3 17.1 51.3





#3

Chloromethane

Concen: 49.687 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

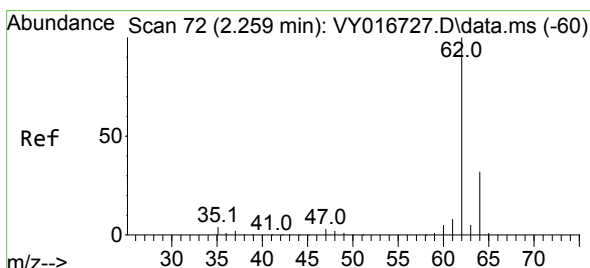
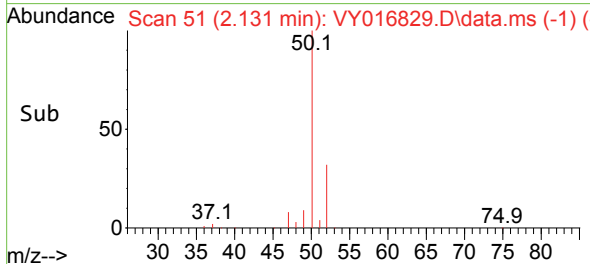
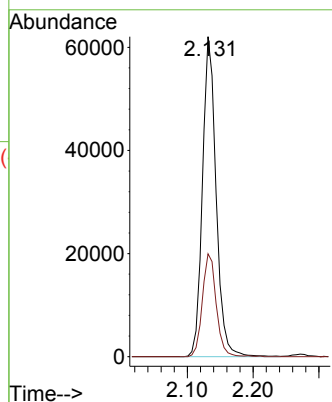
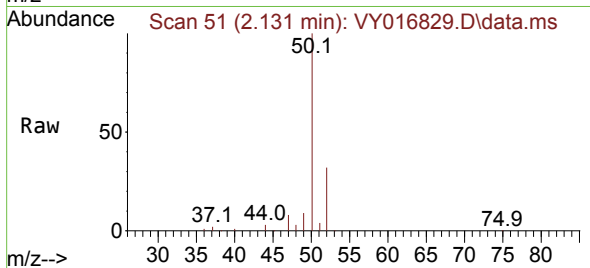
ClientSampleId :

Tgt Ion: 50 Resp: 89570

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 50.002 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.012 min

Lab File: VY016829.D

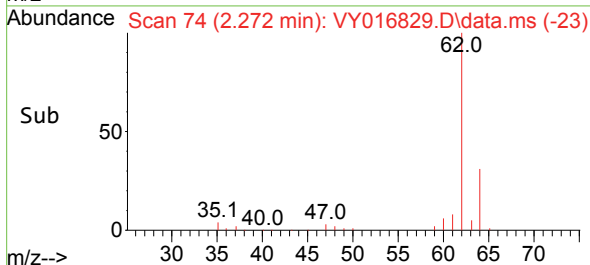
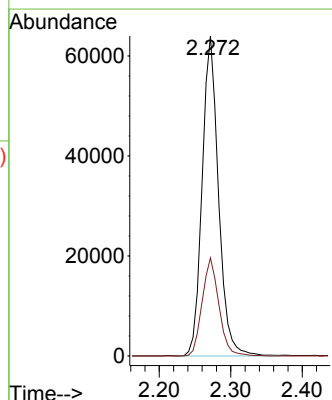
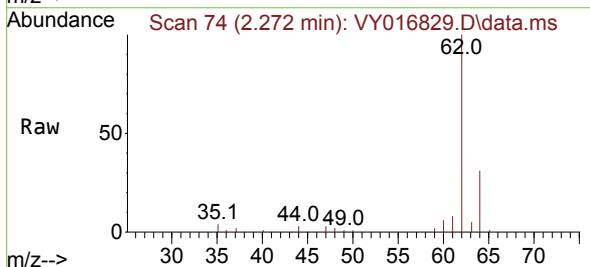
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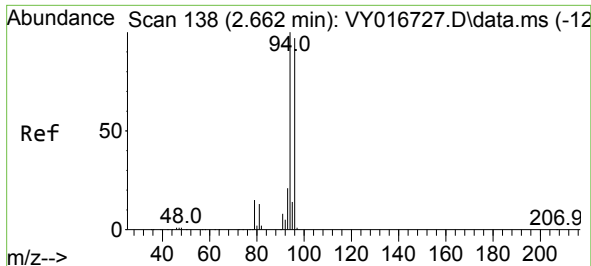
Tgt Ion: 62 Resp: 101812

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 50.421 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

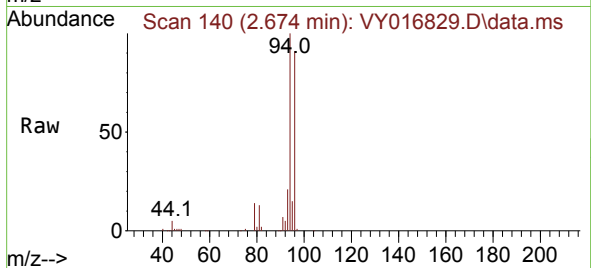
Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

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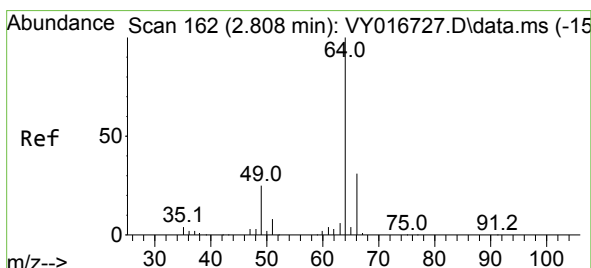
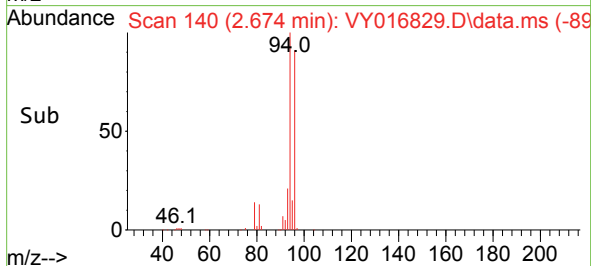
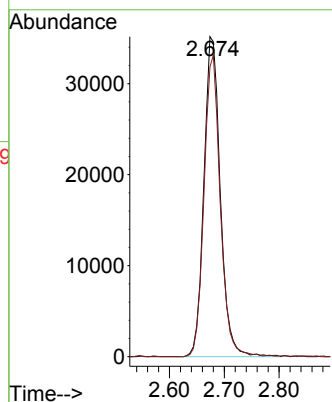


Tgt Ion: 94 Resp: 73123

Ion Ratio Lower Upper

94 100

96 90.6 77.3 115.9



#6

Chloroethane

Concen: 50.720 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY016829.D

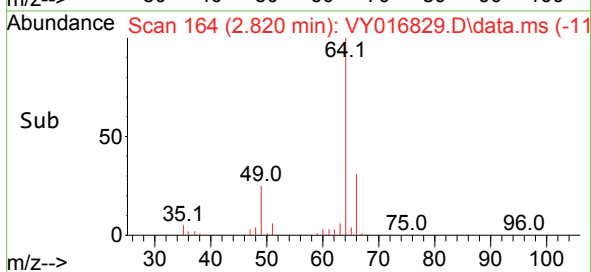
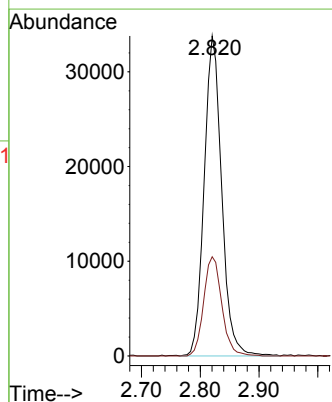
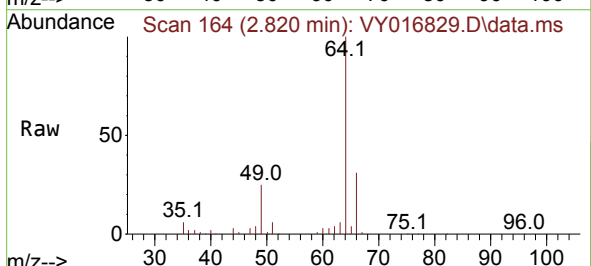
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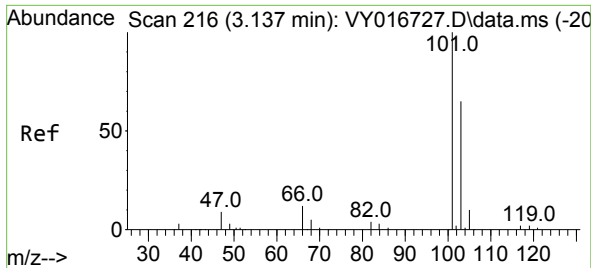
Tgt Ion: 64 Resp: 69980

Ion Ratio Lower Upper

64 100

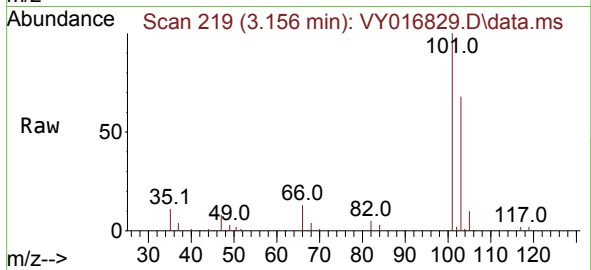
66 31.0 25.1 37.7



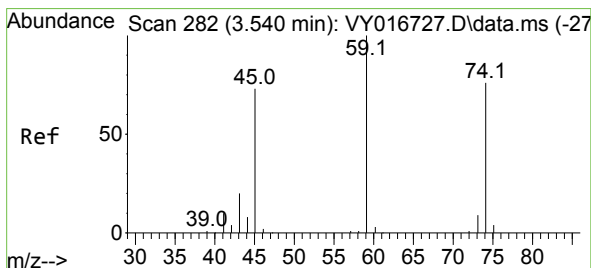
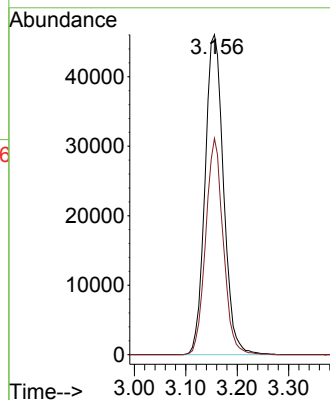
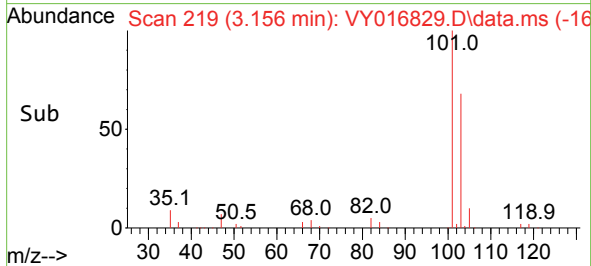


#7
 Trichlorofluoromethane
 Concen: 48.554 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.018 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Instrument :
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 ClientSampleId :

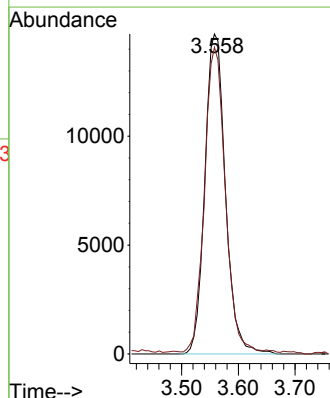
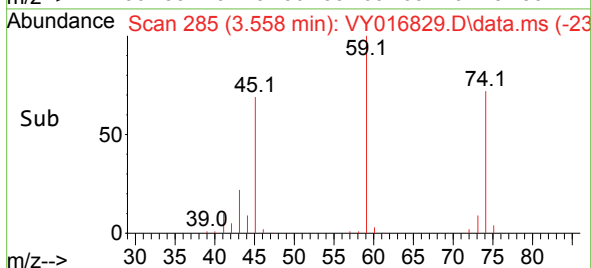
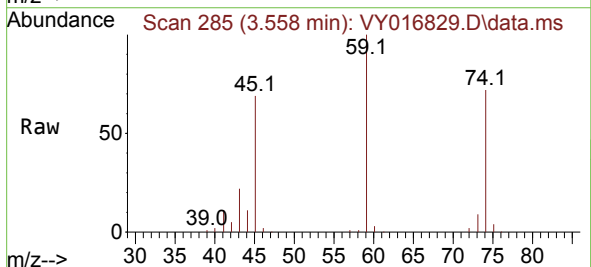


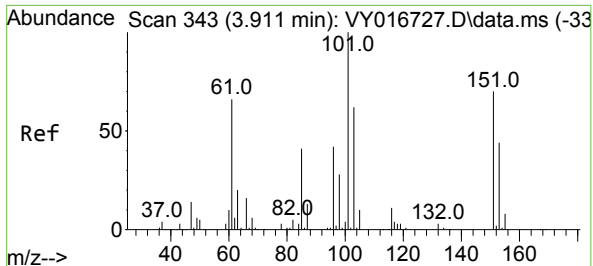
Tgt Ion:101 Resp: 115170
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 48.766 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Tgt Ion: 74 Resp: 37003
 Ion Ratio Lower Upper
 74 100
 45 95.6 47.9 143.7

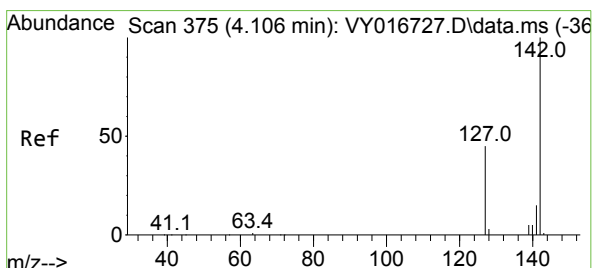
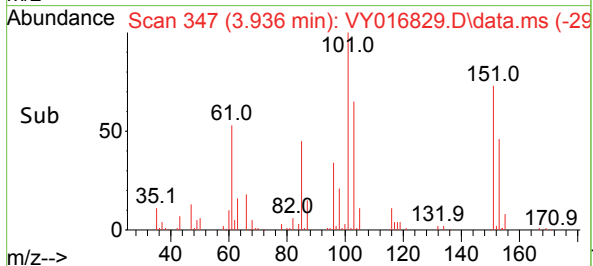
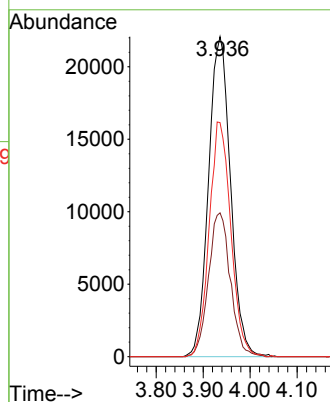
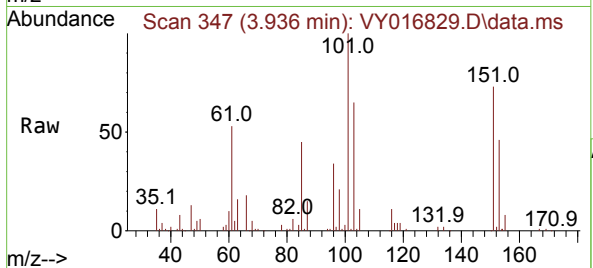




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.279 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

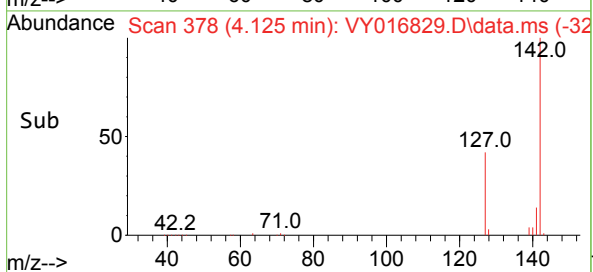
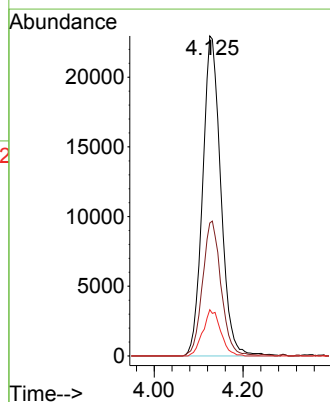
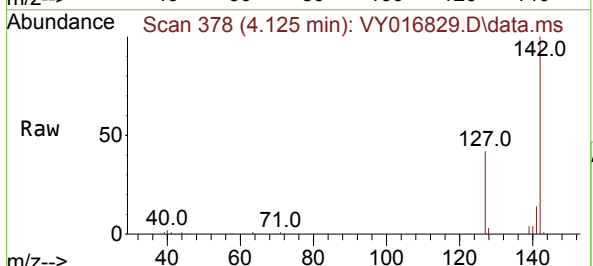
Instrument :
MSVOA_Y
ClientSampleId :

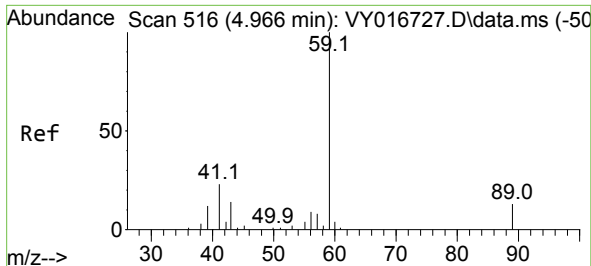
Tgt Ion:101	Resp:	71703
Ion	Ratio	Lower Upper
101	100	
85	44.8	35.8 53.6
151	72.0	58.6 88.0



#10
Methyl Iodide
Concen: 43.126 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

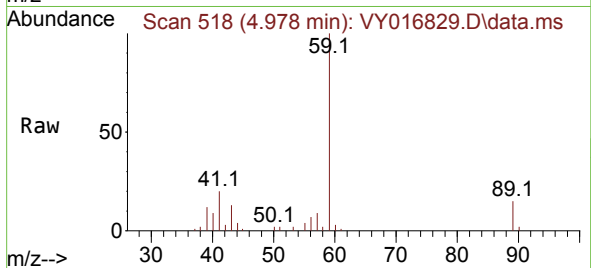
Tgt Ion:142	Resp:	65388
Ion	Ratio	Lower Upper
142	100	
127	43.1	35.1 52.7
141	14.1	11.8 17.6



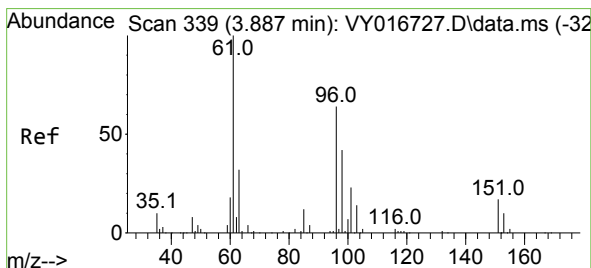
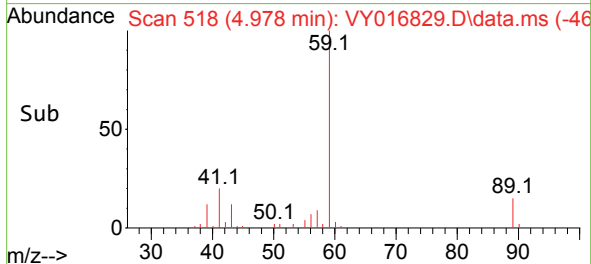
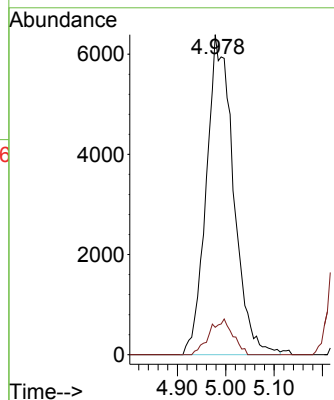


#11
Tert butyl alcohol
Concen: 242.232 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :

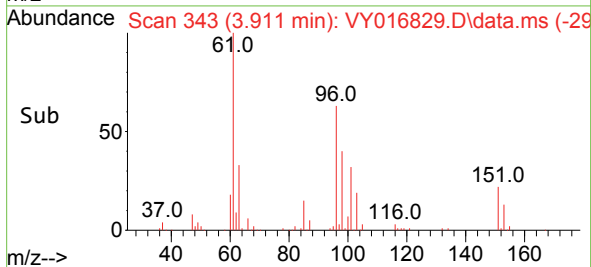
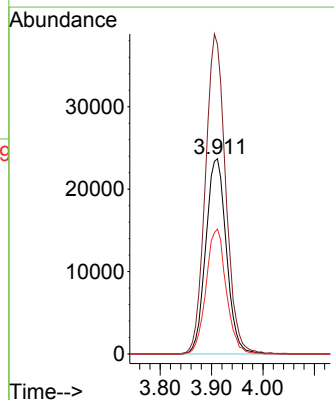
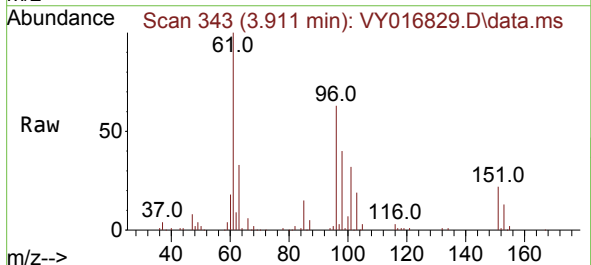


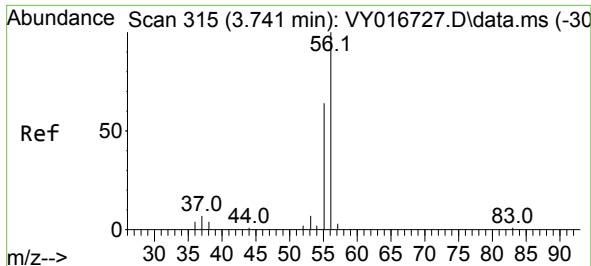
Tgt Ion: 59 Resp: 24881
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 50.975 ug/l
RT: 3.911 min Scan# 343
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 96 Resp: 66040
Ion Ratio Lower Upper
96 100
61 158.5 124.2 186.2
98 64.0 52.6 79.0

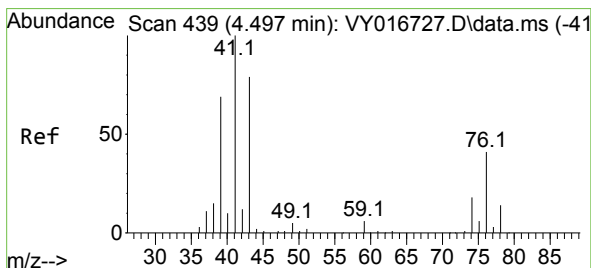
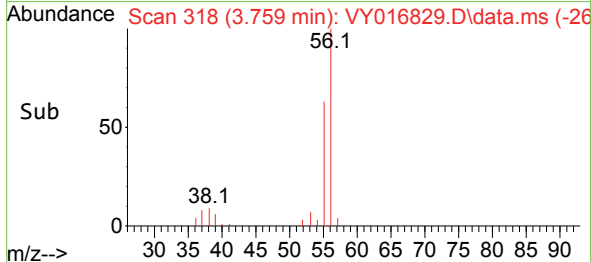
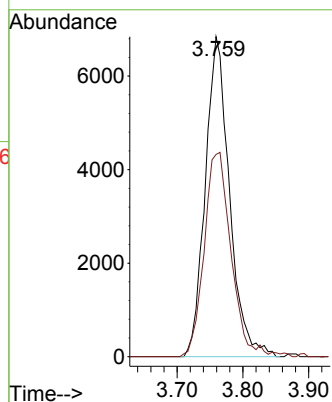
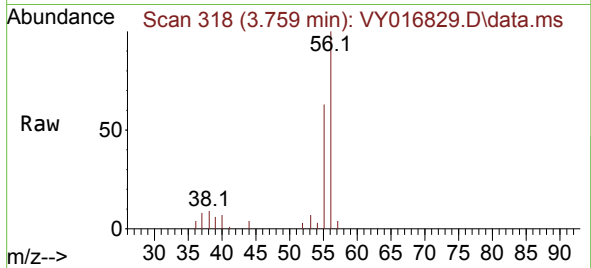




#13
Acrolein
Concen: 221.132 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

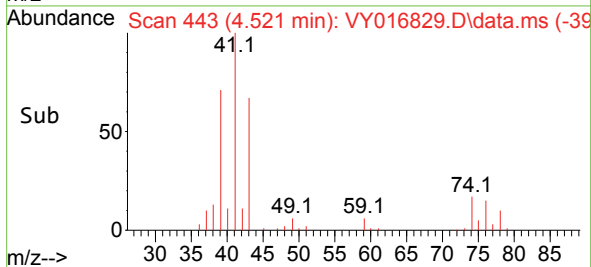
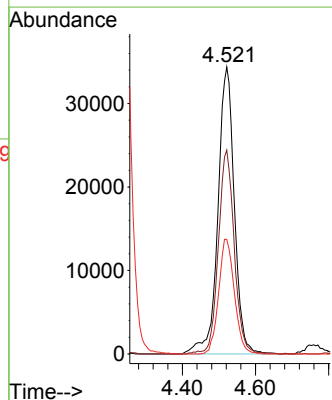
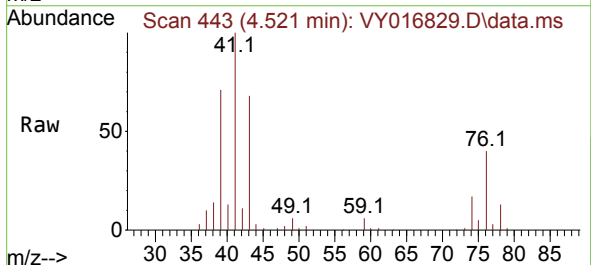
Instrument :
MSVOA_Y
ClientSampleId :

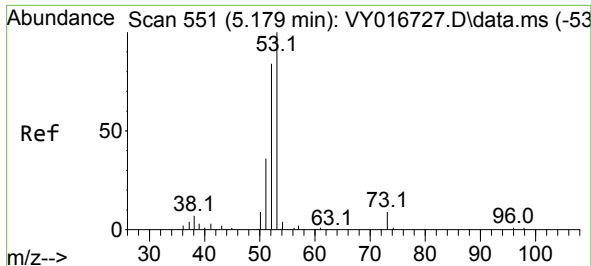
Tgt Ion: 56 Resp: 17525
Ion Ratio Lower Upper
56 100
55 70.3 55.4 83.0



#14
Allyl chloride
Concen: 54.190 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

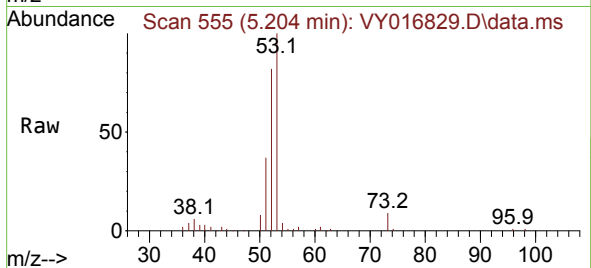
Tgt Ion: 41 Resp: 107529
Ion Ratio Lower Upper
41 100
39 68.6 54.7 82.1
76 38.3 31.8 47.6



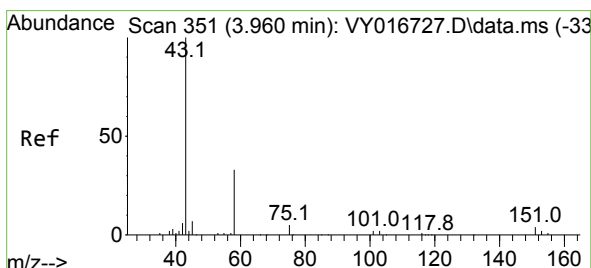
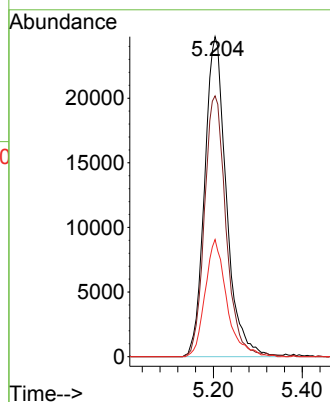
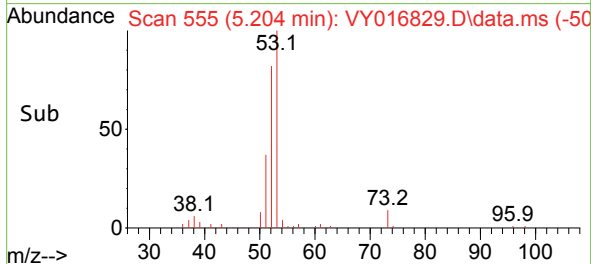


#15
Acrylonitrile
Concen: 261.948 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :

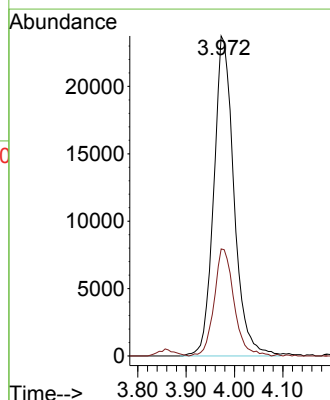
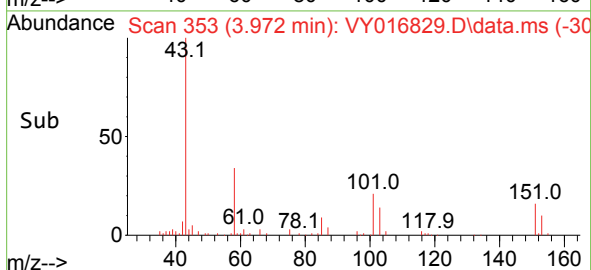
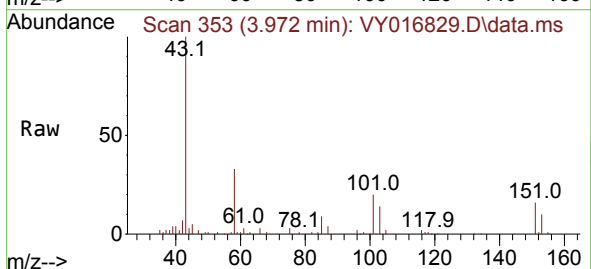


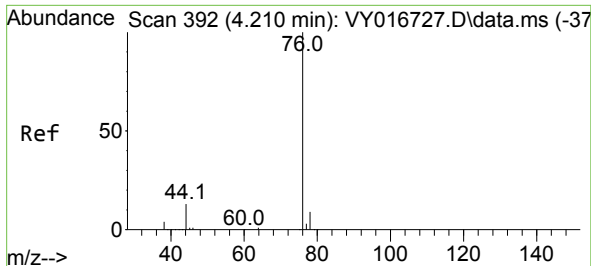
Tgt Ion: 53 Resp: 84173
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 36.7 29.0 43.4



#16
Acetone
Concen: 203.225 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 43 Resp: 68845
Ion Ratio Lower Upper
43 100
58 33.2 26.6 39.8

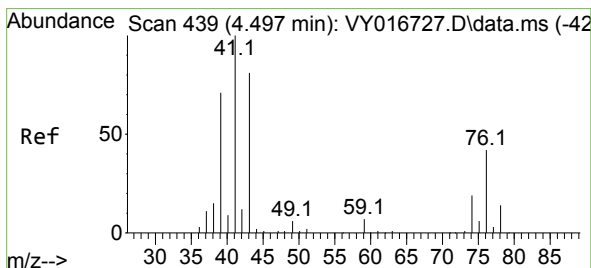
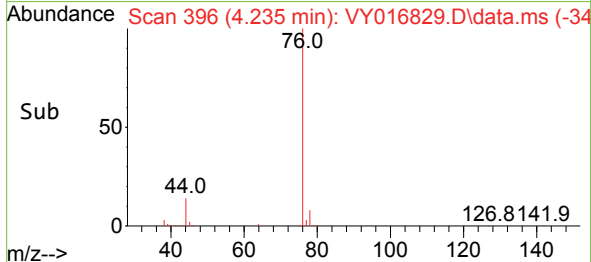
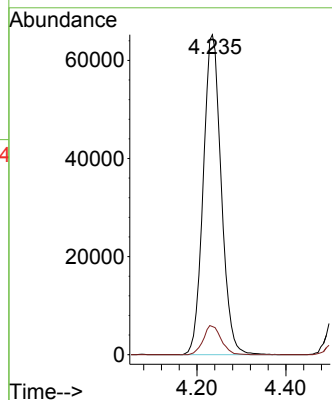
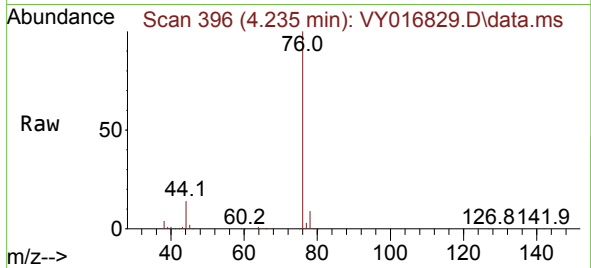




#17
Carbon Disulfide
Concen: 52.154 ug/l
RT: 4.235 min Scan# 396
Delta R.T. 0.025 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

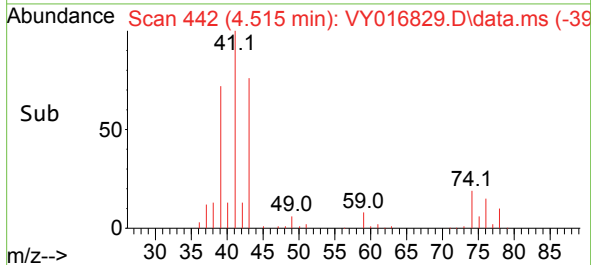
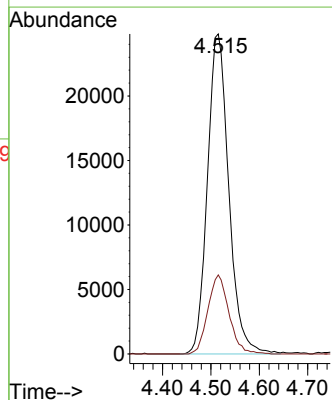
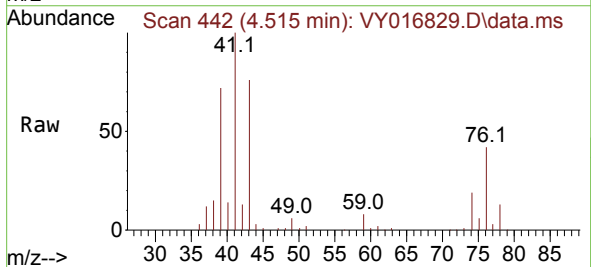
Instrument :
MSVOA_Y
ClientSampleId :

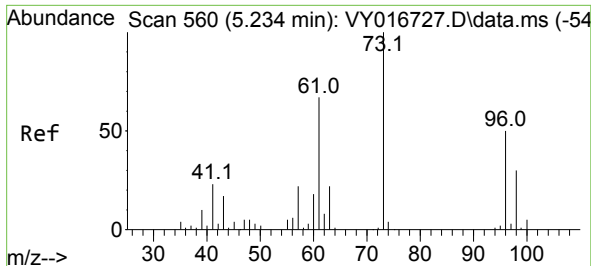
Tgt Ion: 76 Resp: 183845
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 57.440 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

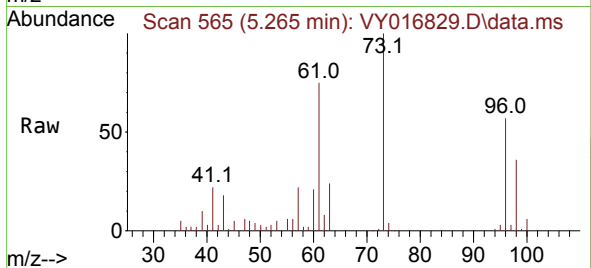
Tgt Ion: 43 Resp: 76043
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6



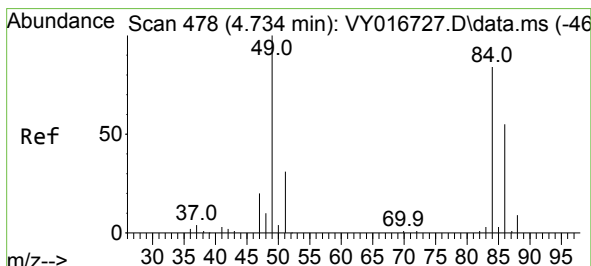
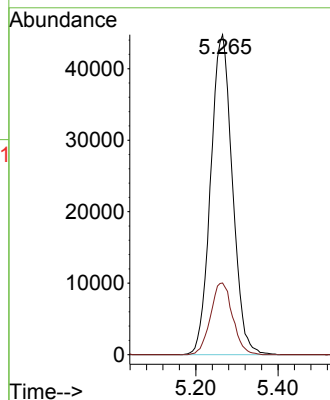
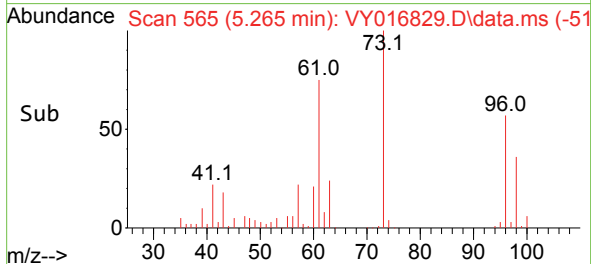


#19
Methyl tert-butyl Ether
Concen: 49.288 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.031 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

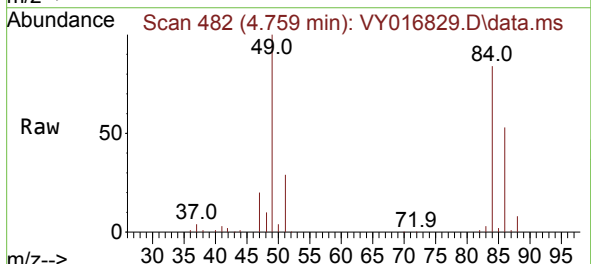
Instrument :
MSVOA_Y
ClientSampleId :



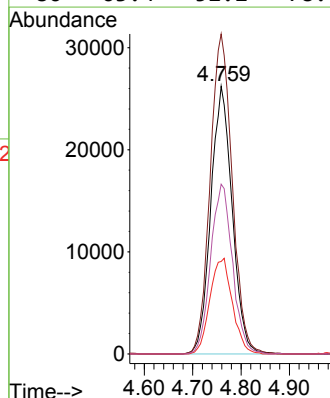
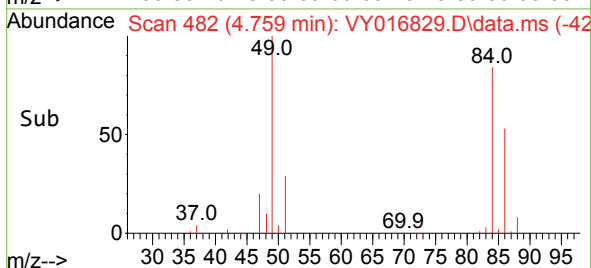
Tgt Ion: 73 Resp: 164298
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

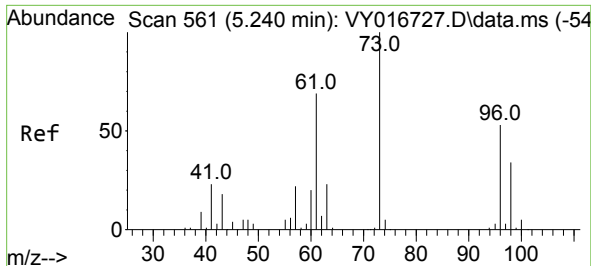


#20
Methylene Chloride
Concen: 46.883 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



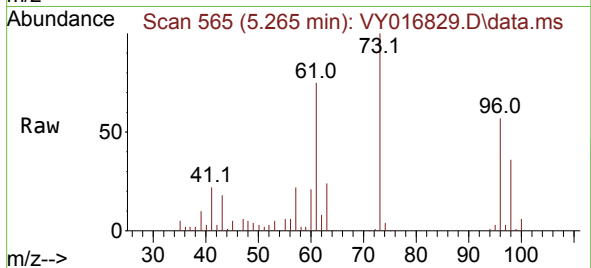
Tgt Ion: 84 Resp: 80430
Ion Ratio Lower Upper
84 100
49 119.6 95.2 142.8
51 34.6 29.9 44.9
86 63.4 52.2 78.4



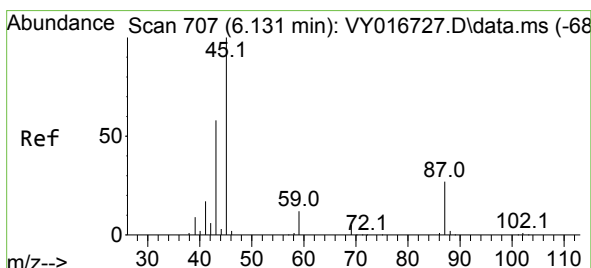
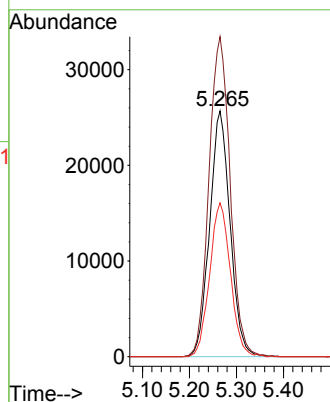
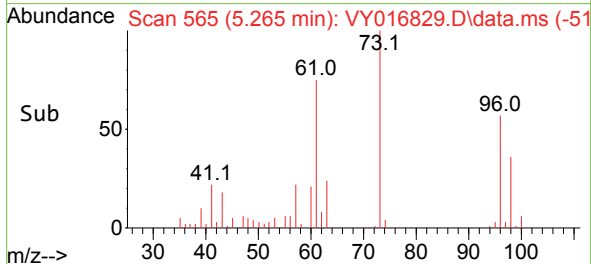


#21
trans-1,2-Dichloroethene
Concen: 52.584 ug/l
RT: 5.265 min Scan# 509
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

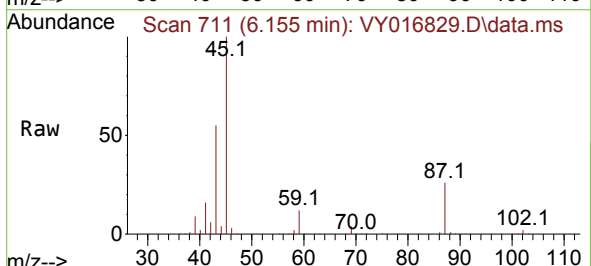
Instrument :
MSVOA_Y
ClientSampleId :



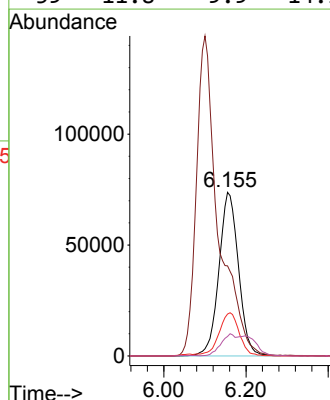
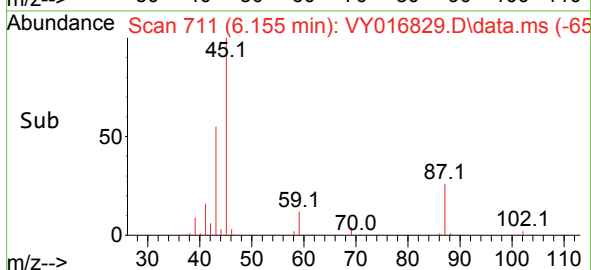
Tgt Ion: 96 Resp: 77695
Ion Ratio Lower Upper
96 100
61 130.2 104.6 156.8
98 62.6 50.9 76.3

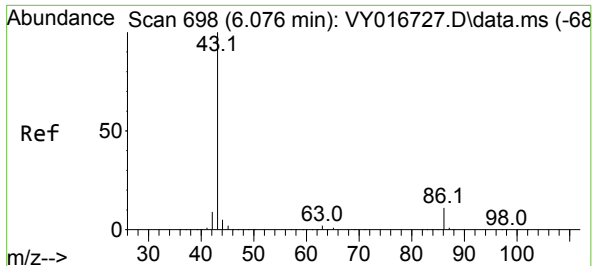


#22
Diisopropyl ether
Concen: 54.272 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion: 45 Resp: 243642
Ion Ratio Lower Upper
45 100
43 54.5 46.8 70.2
87 25.6 22.2 33.2
59 11.8 9.9 14.9

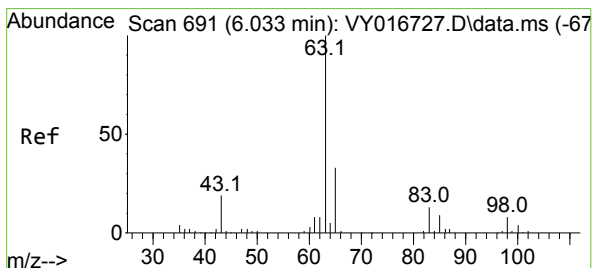
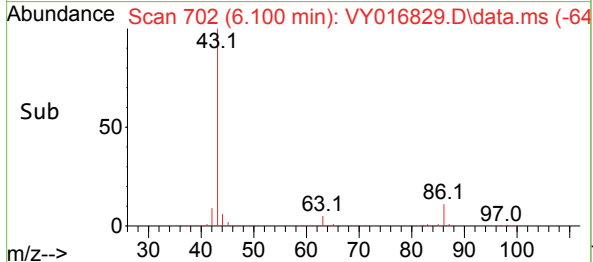
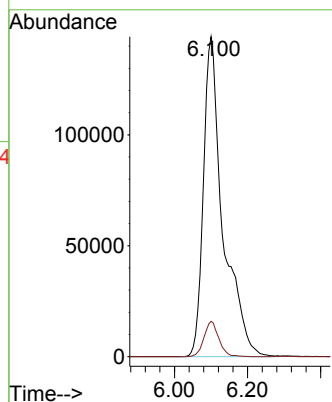
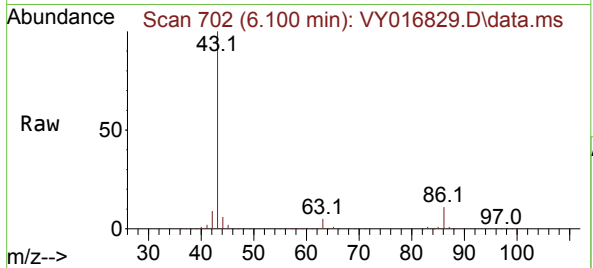




#23
 Vinyl Acetate
 Concen: 252.125 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

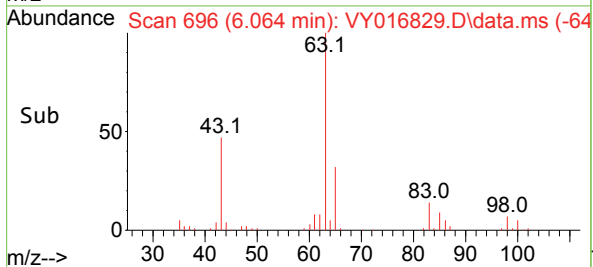
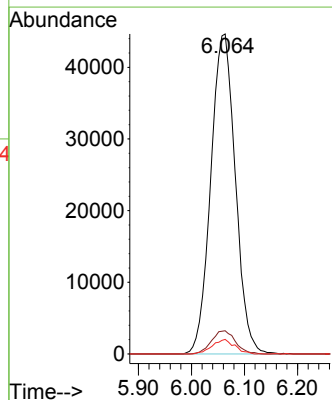
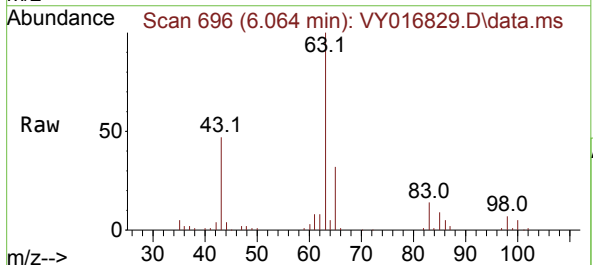
Instrument :
 MSVOA_Y
 ClientSampleId :

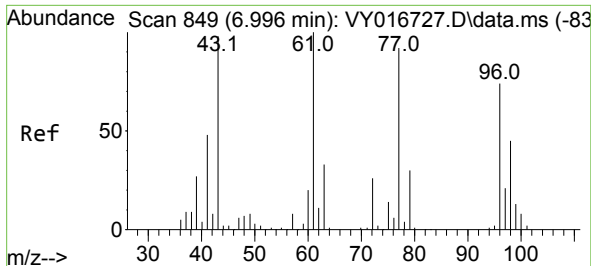
Tgt Ion: 43 Resp: 535319
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 53.270 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.031 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Tgt Ion: 63 Resp: 143655
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.6 2.1 6.2





#25

2-Butanone

Concen: 232.367 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

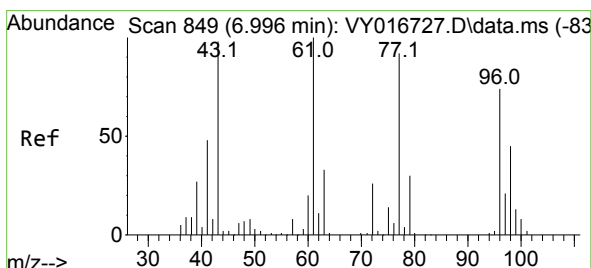
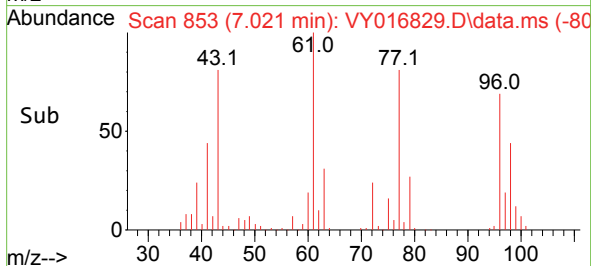
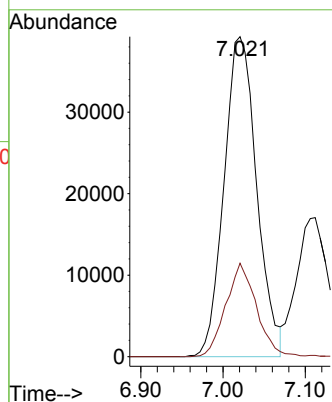
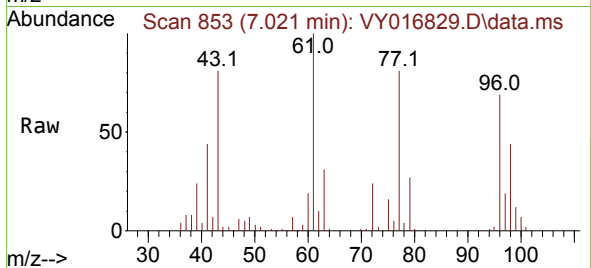
ClientSampleId :

Tgt Ion: 43 Resp: 108379

Ion Ratio Lower Upper

43 100

72 29.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 50.295 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.024 min

Lab File: VY016829.D

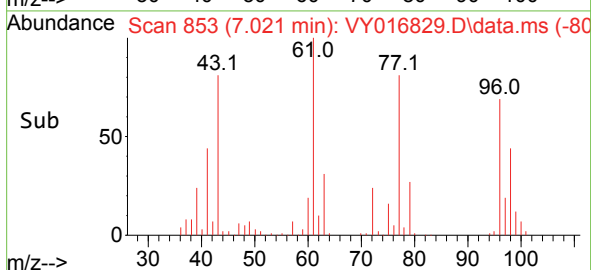
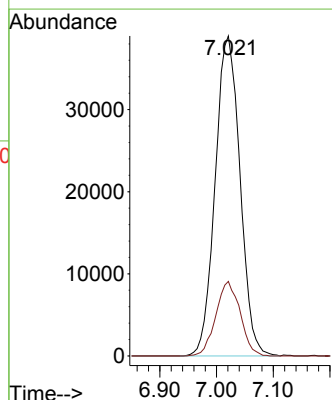
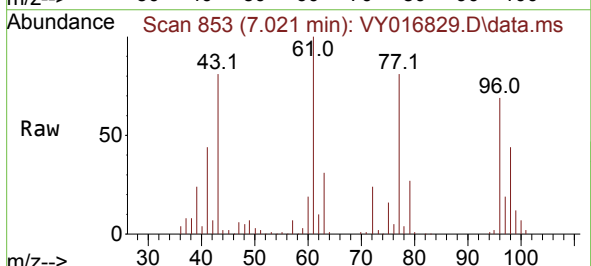
Acq: 22 Dec 2023 23:24

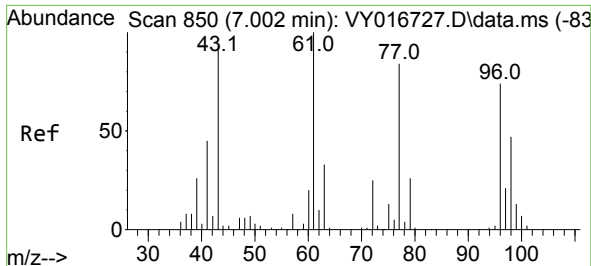
Tgt Ion: 77 Resp: 118360

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0



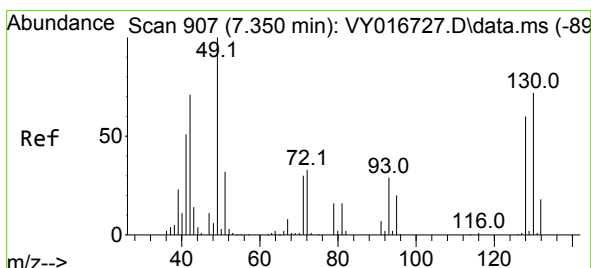
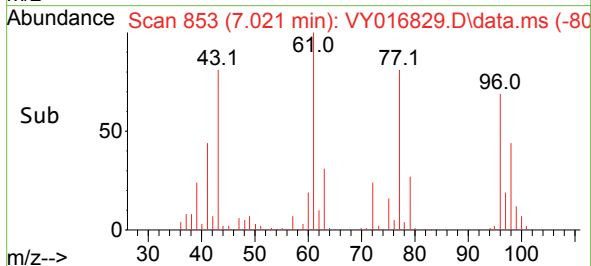
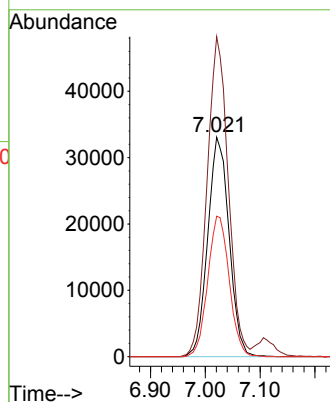
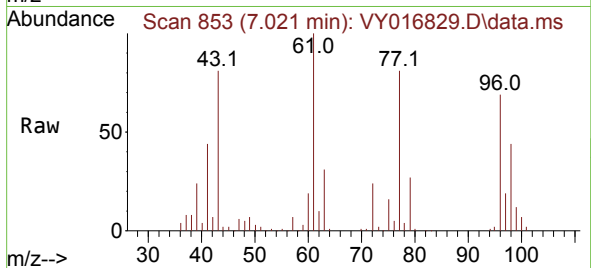


#27
 cis-1,2-Dichloroethene
 Concen: 52.513 ug/l
 RT: 7.021 min Scan# 81
 Delta R.T. 0.018 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 89298

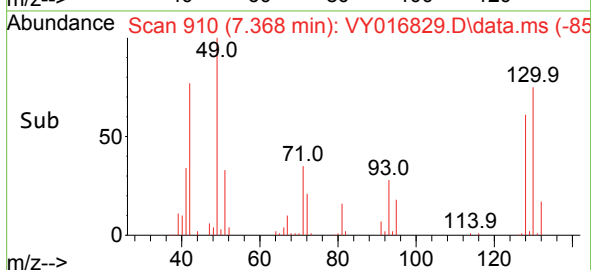
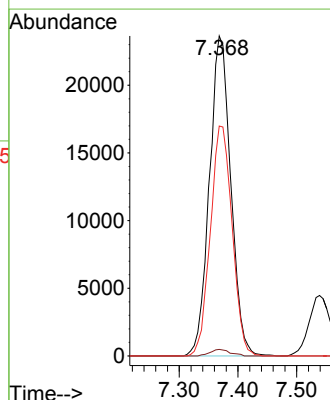
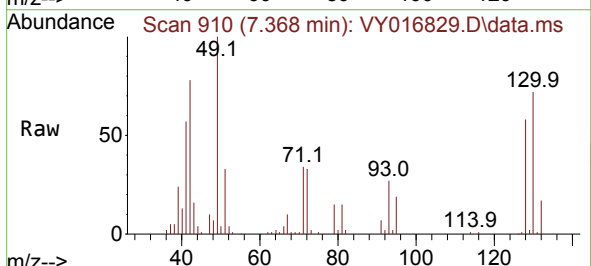
Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	278.8
98	64.3	0.0	127.0

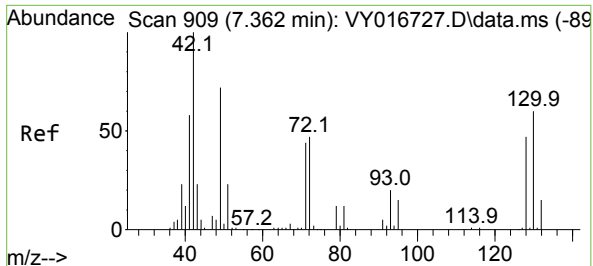


#28
 Bromochloromethane
 Concen: 56.020 ug/l
 RT: 7.368 min Scan# 910
 Delta R.T. 0.018 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Tgt Ion: 49 Resp: 59794

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	73.1	59.8	89.8





#29

Tetrahydrofuran

Concen: 269.961 ug/l

RT: 7.386 min Scan# 913

Delta R.T. 0.024 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

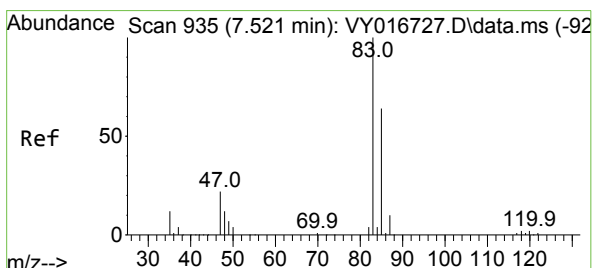
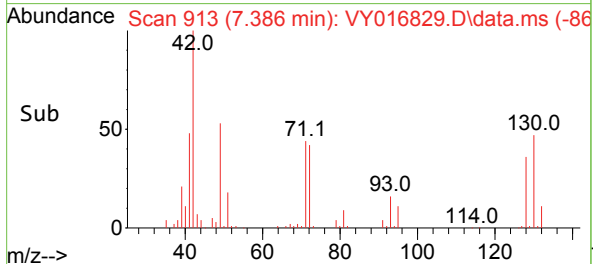
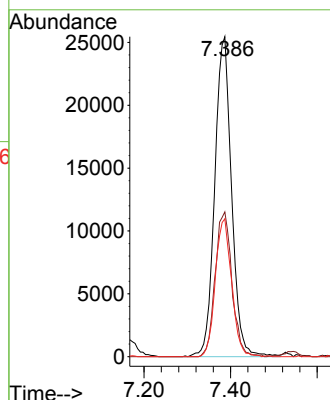
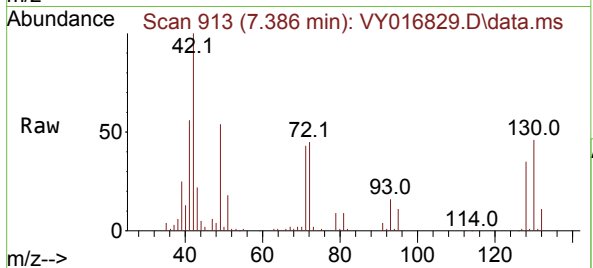
Tgt Ion: 42 Resp: 68849

Ion Ratio Lower Upper

42 100

72 45.1 36.6 54.8

71 41.7 33.8 50.6



#30

Chloroform

Concen: 52.643 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY016829.D

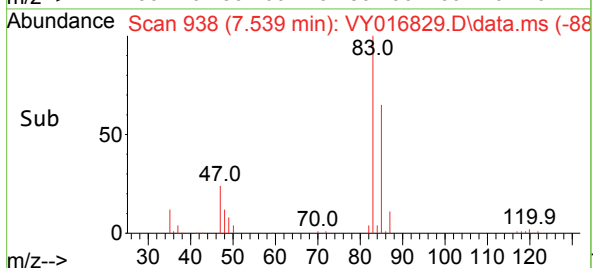
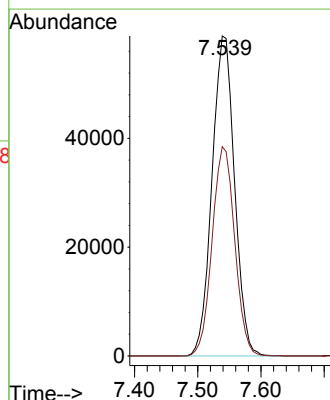
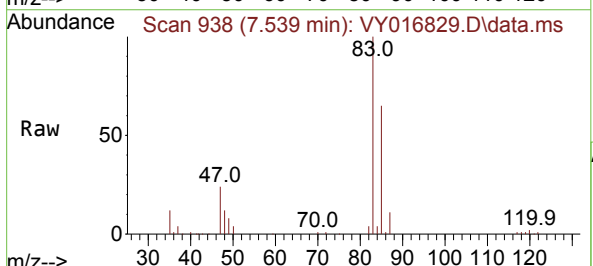
Acq: 22 Dec 2023 23:24

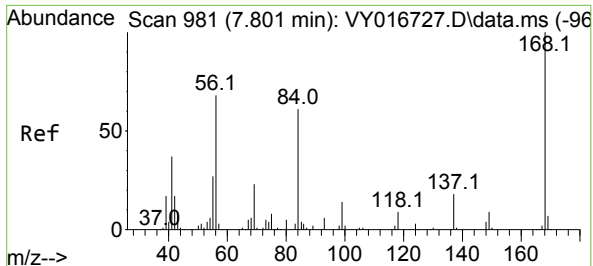
Tgt Ion: 83 Resp: 145331

Ion Ratio Lower Upper

83 100

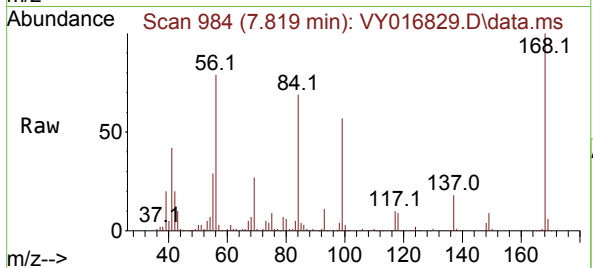
85 65.4 51.2 76.8



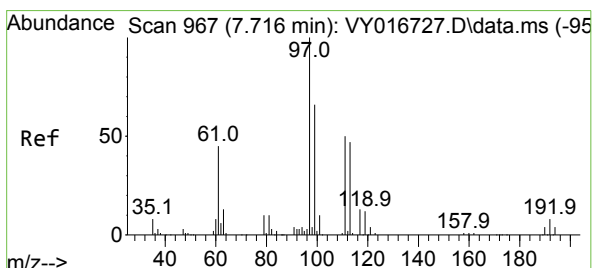
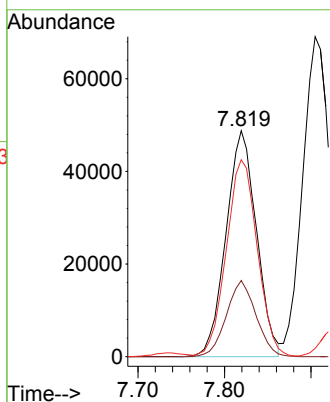
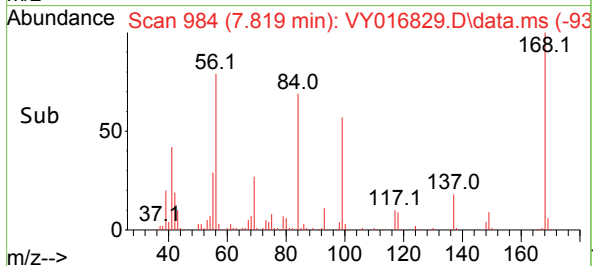


#31
Cyclohexane
Concen: 49.643 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

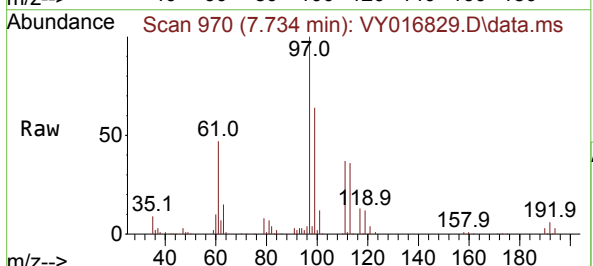
Instrument :
MSVOA_Y
ClientSampleId :



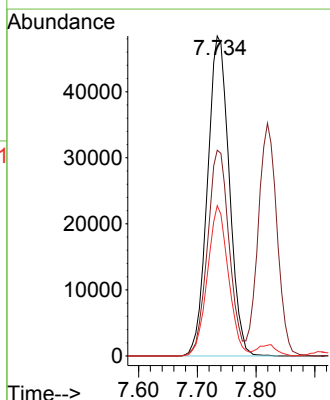
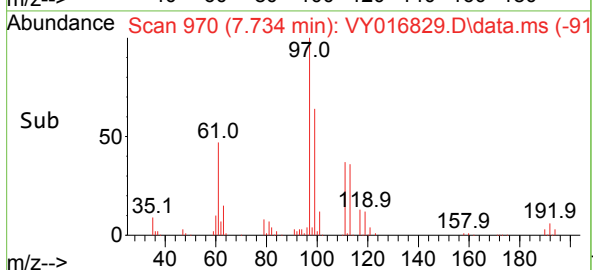
Tgt Ion: 56 Resp: 119156
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.6
84 85.9 71.8 107.6

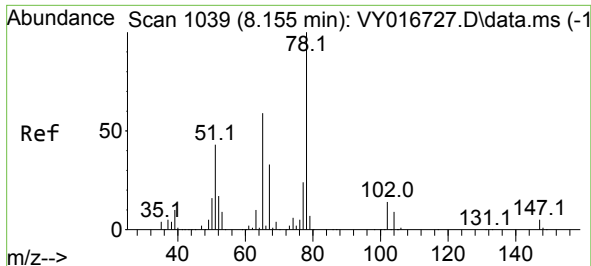


#32
1,1,1-Trichloroethane
Concen: 51.333 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion: 97 Resp: 124395
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.584 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

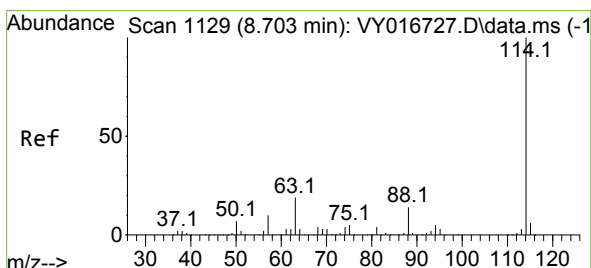
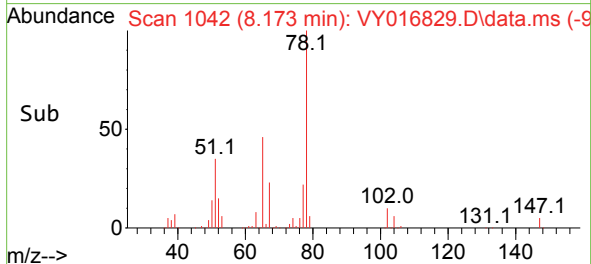
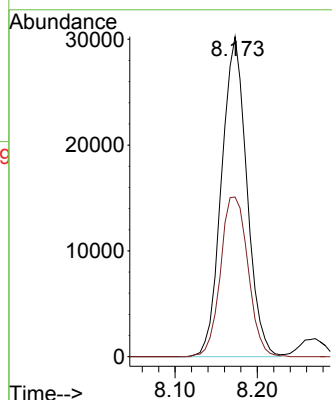
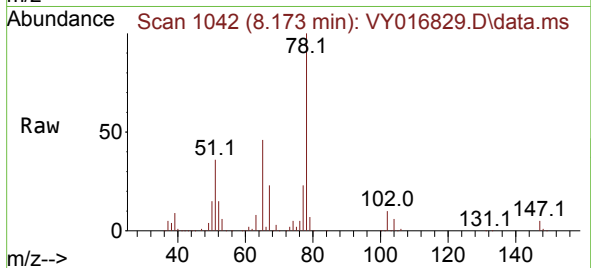
ClientSampleId :

Tgt Ion: 65 Resp: 64622

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

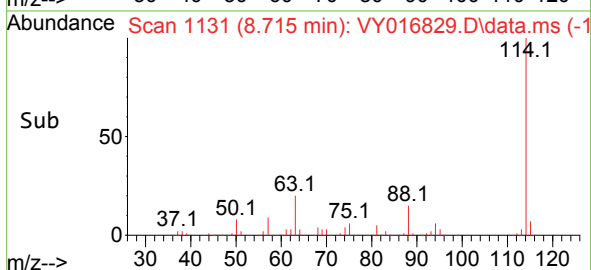
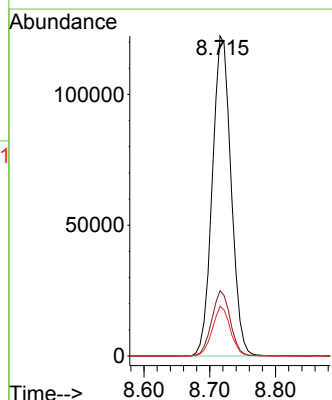
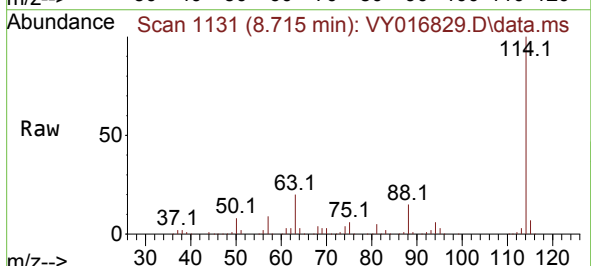
Tgt Ion:114 Resp: 242644

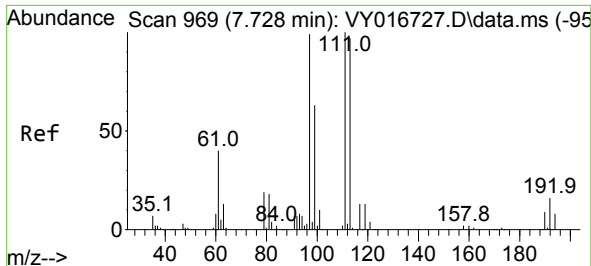
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

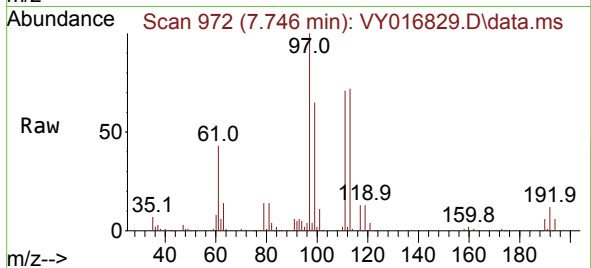
88 15.5 0.0 29.0



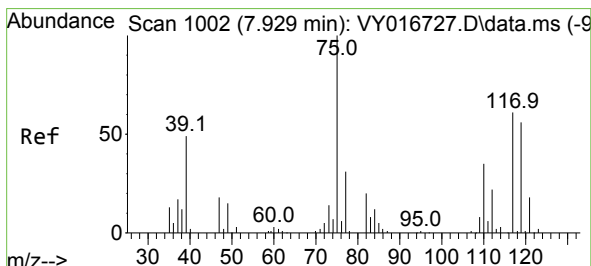
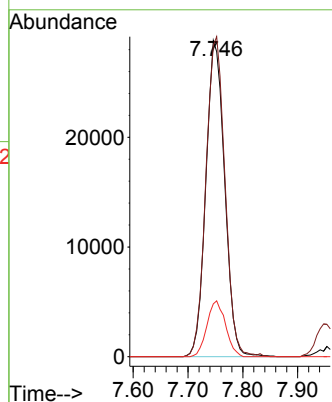
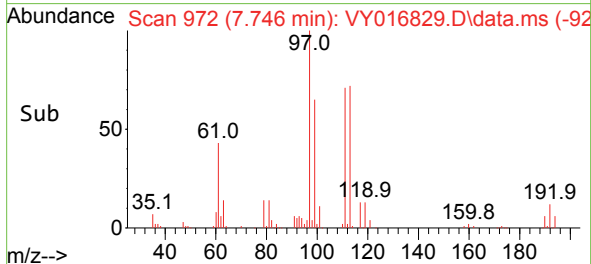


#35
Dibromofluoromethane
Concen: 49.292 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

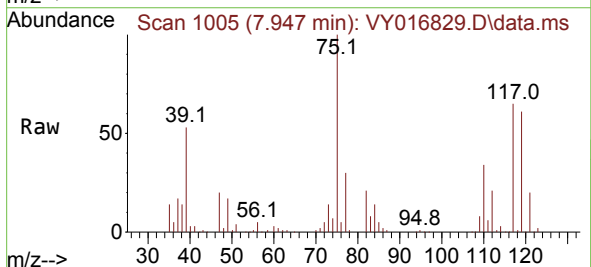
Instrument :
MSVOA_Y
ClientSampleId :



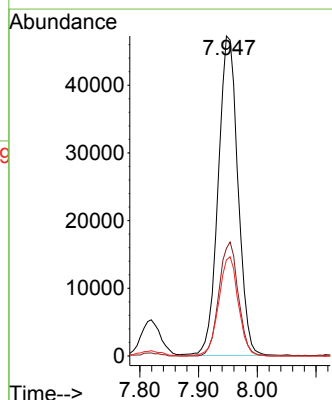
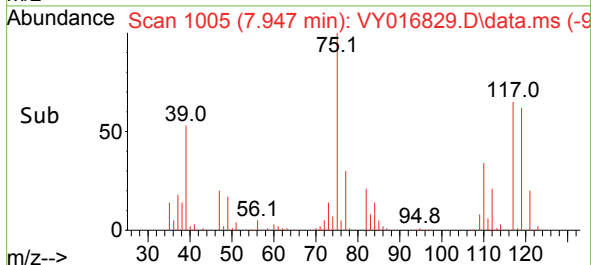
Tgt Ion:113 Resp: 68512
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 17.5 14.5 21.7

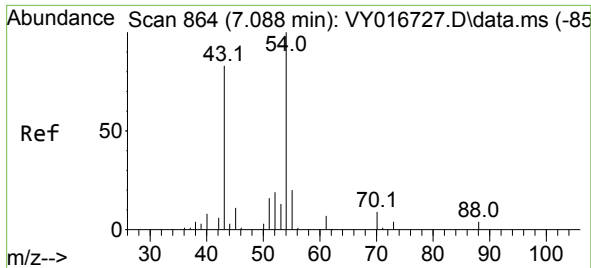


#36
1,1-Dichloropropene
Concen: 49.287 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24



Tgt Ion: 75 Resp: 109825
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 49.821 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.024 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

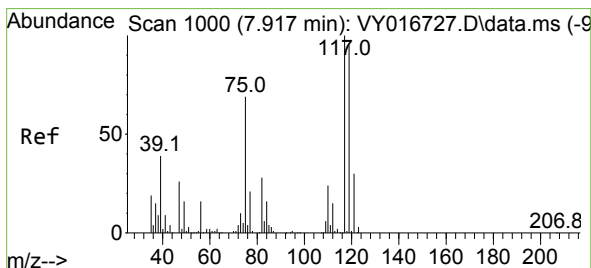
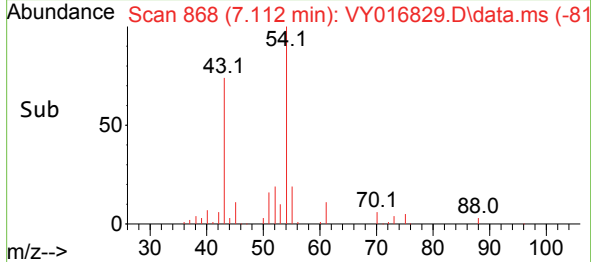
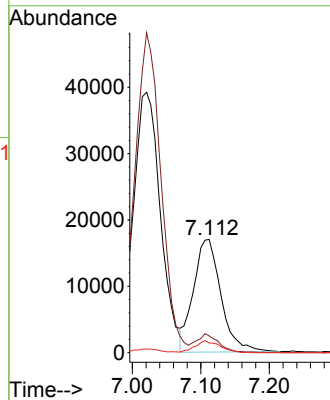
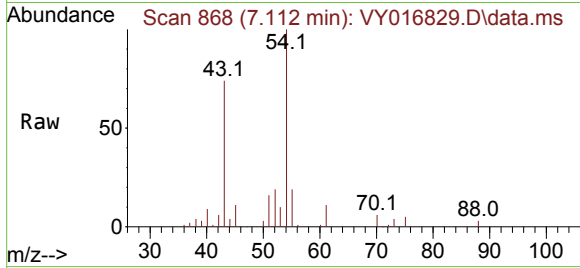
Tgt Ion: 43 Resp: 47584

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

70 9.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 48.254 ug/l

RT: 7.935 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

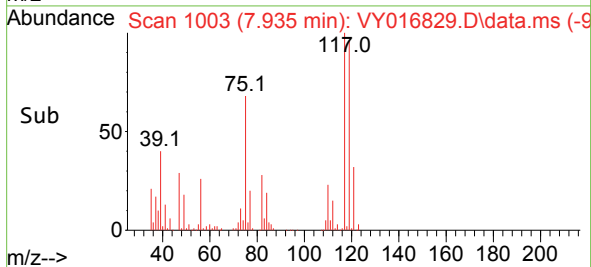
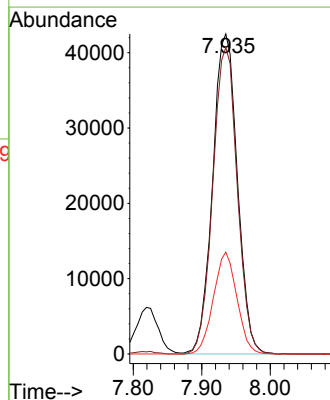
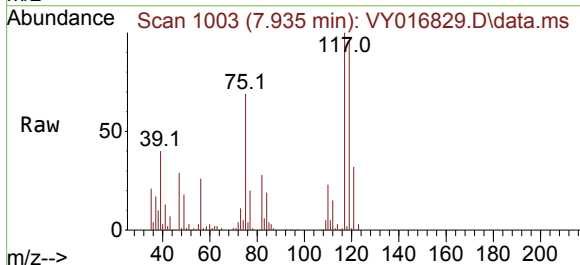
Tgt Ion: 117 Resp: 106398

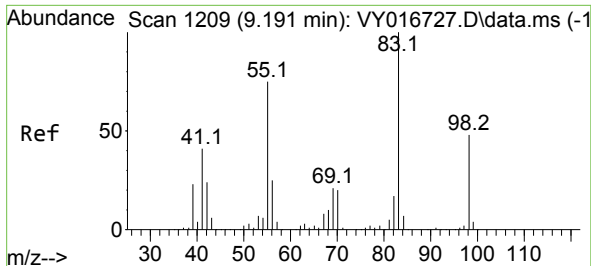
Ion Ratio Lower Upper

117 100

119 95.8 76.0 114.0

121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 50.038 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

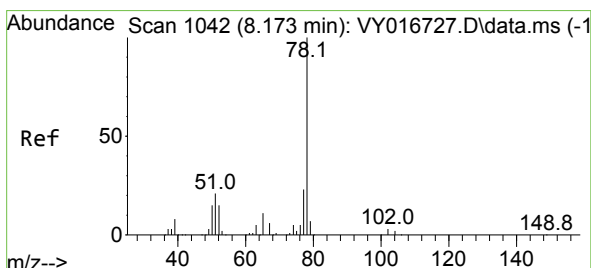
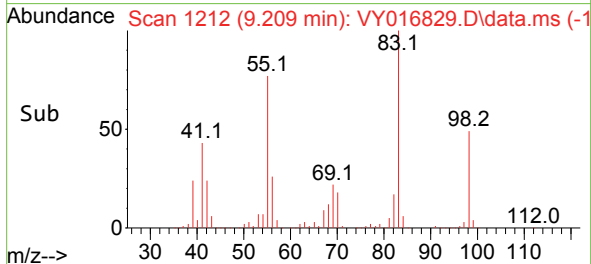
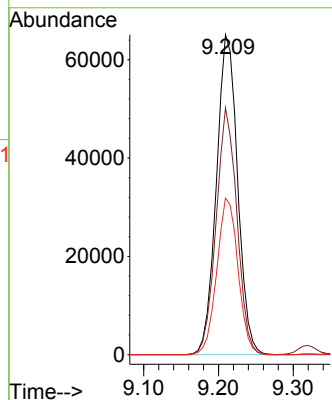
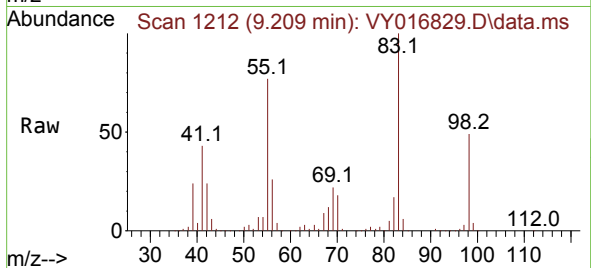
Tgt Ion: 83 Resp: 128733

Ion Ratio Lower Upper

83 100

55 77.2 59.7 89.5

98 48.9 38.0 57.0



#40

Benzene

Concen: 50.949 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY016829.D

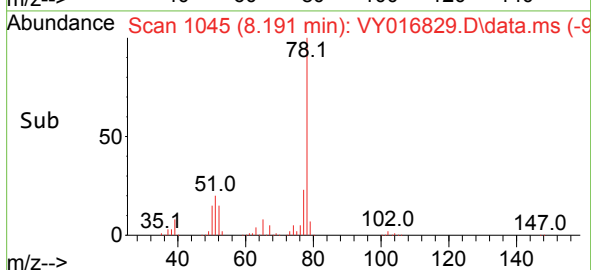
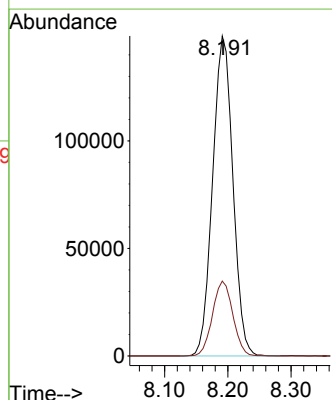
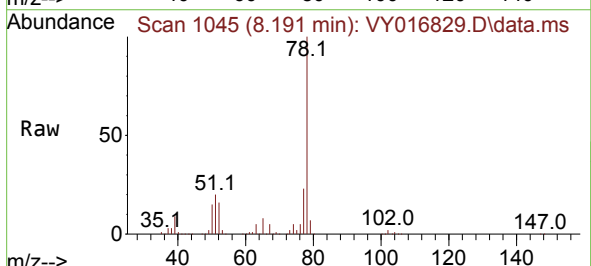
Acq: 22 Dec 2023 23:24

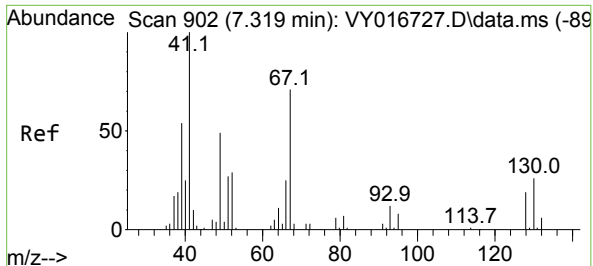
Tgt Ion: 78 Resp: 330373

Ion Ratio Lower Upper

78 100

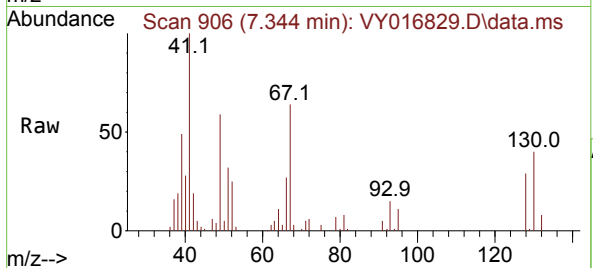
77 23.4 18.8 28.2



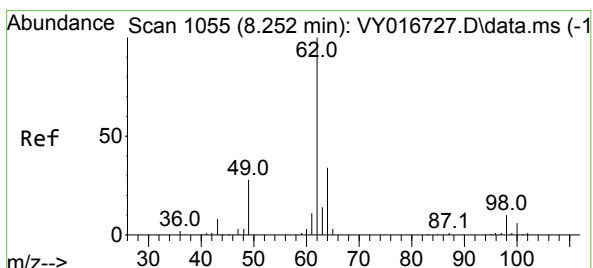
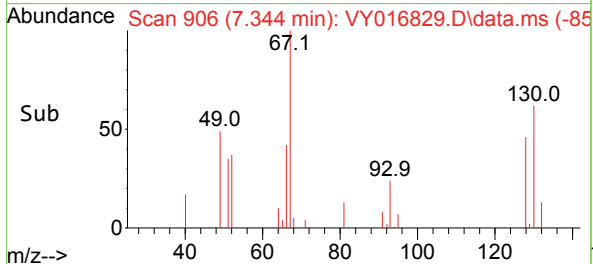
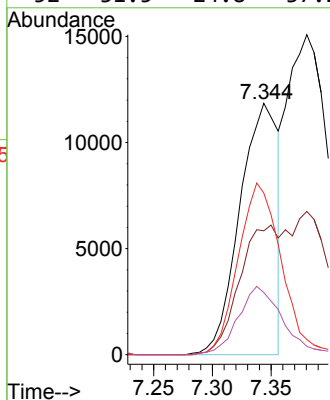


#41
Methacrylonitrile
Concen: 52.988 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.024 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :

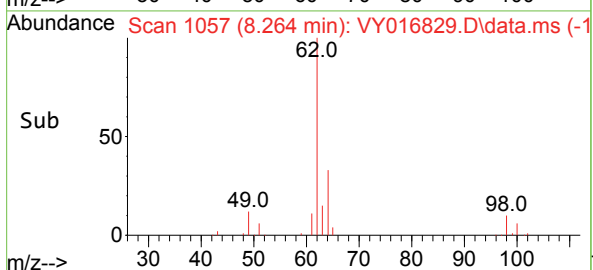
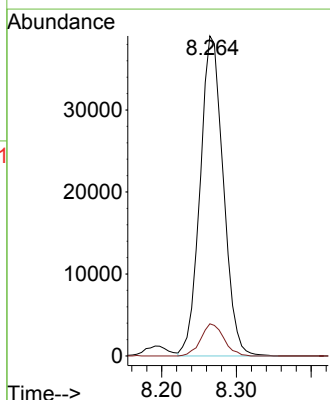
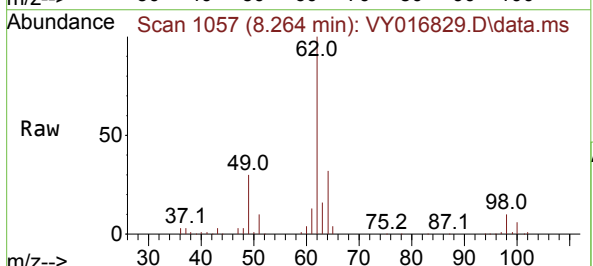


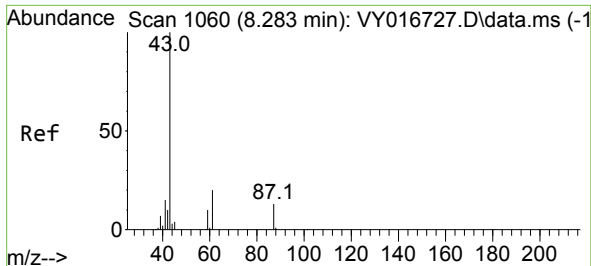
Tgt Ion:	41	Resp:	26870
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.9	62.9
67	77.7	59.8	89.6
52	31.5	24.8	37.2



#42
1,2-Dichloroethane
Concen: 49.697 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion:	62	Resp:	84073
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

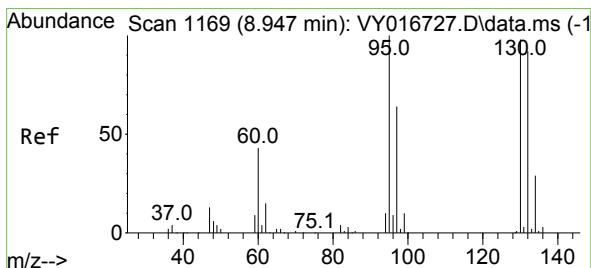
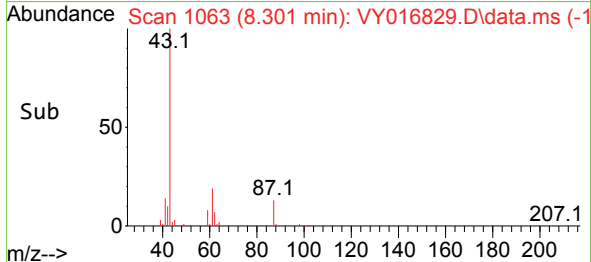
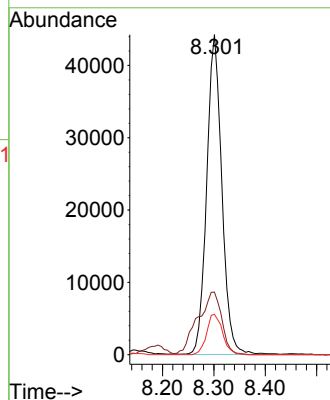
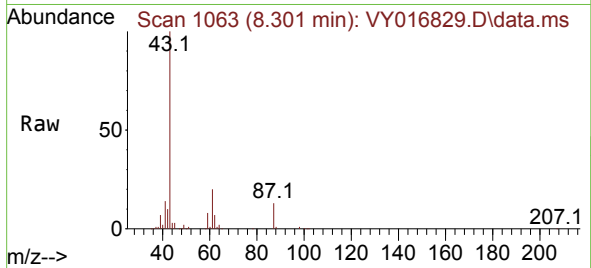




#43
Isopropyl Acetate
Concen: 48.758 ug/l
RT: 8.301 min Scan# 1106
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

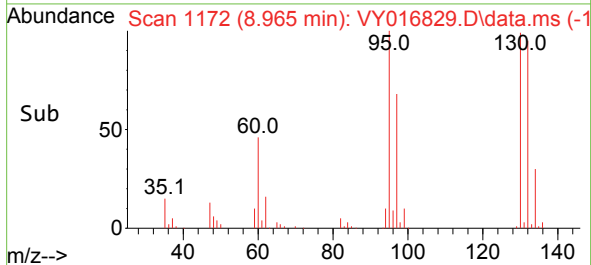
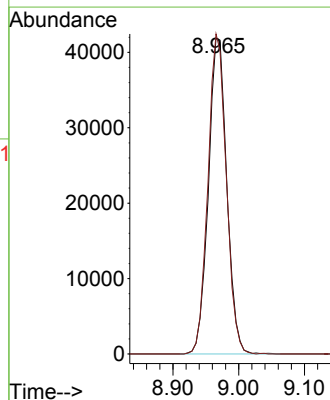
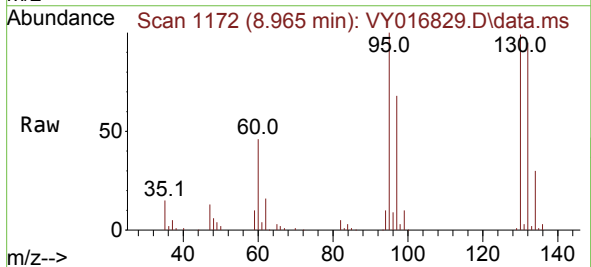
Instrument :
MSVOA_Y
ClientSampleId :

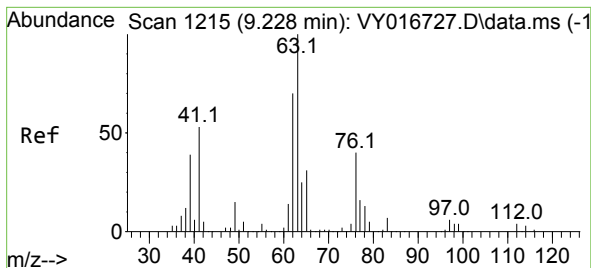
Tgt Ion: 43 Resp: 90446
Ion Ratio Lower Upper
43 100
61 31.0 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 49.407 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion:130 Resp: 81770
Ion Ratio Lower Upper
130 100
95 101.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 50.889 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

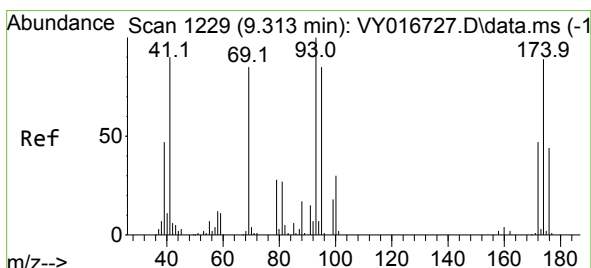
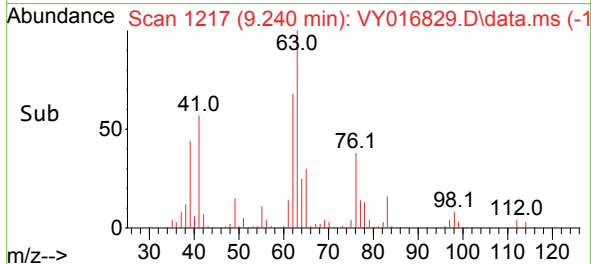
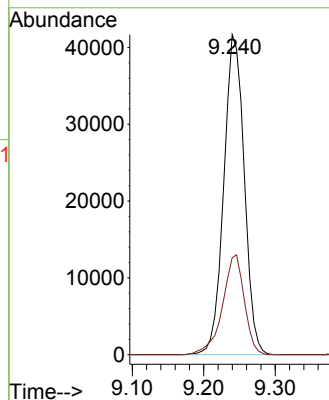
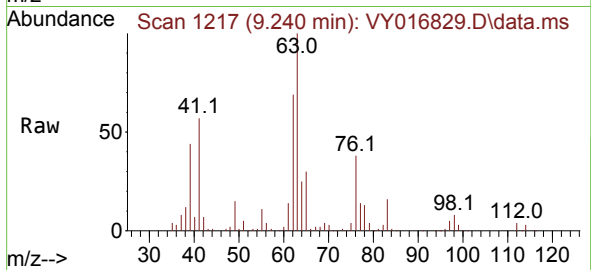
ClientSampleId :

Tgt Ion: 63 Resp: 82775

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 48.745 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

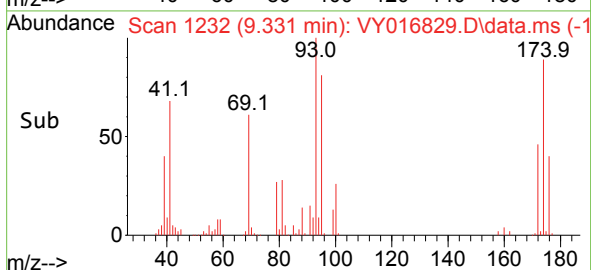
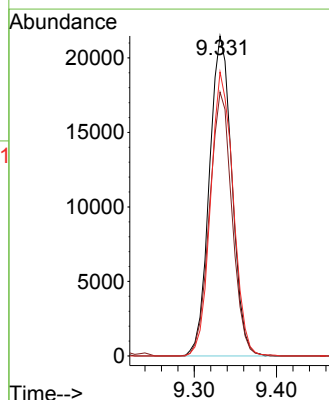
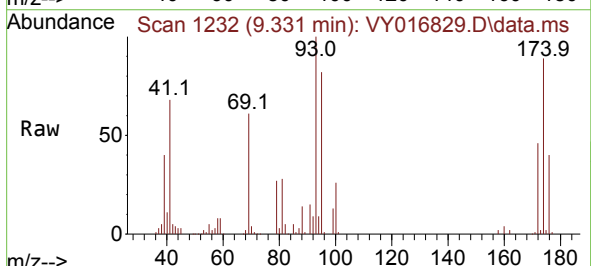
Tgt Ion: 93 Resp: 40960

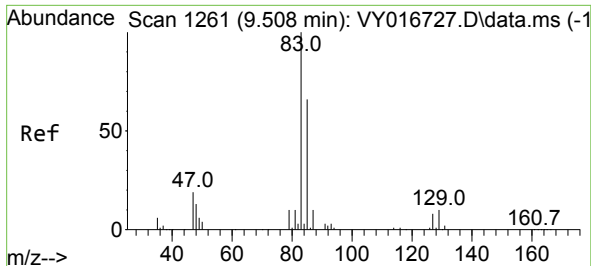
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

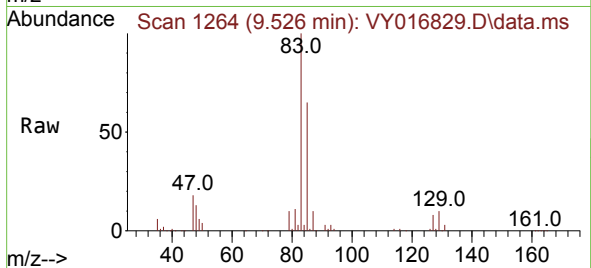
174 88.5 73.8 110.6



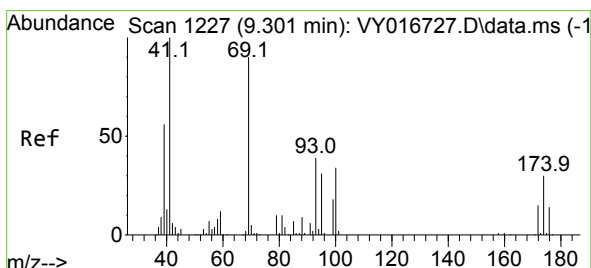
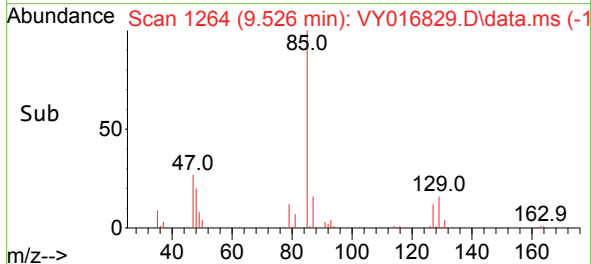
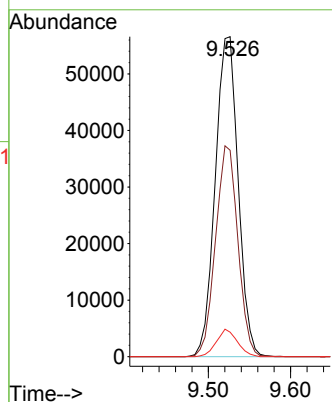


#47
Bromodichloromethane
Concen: 49.446 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :

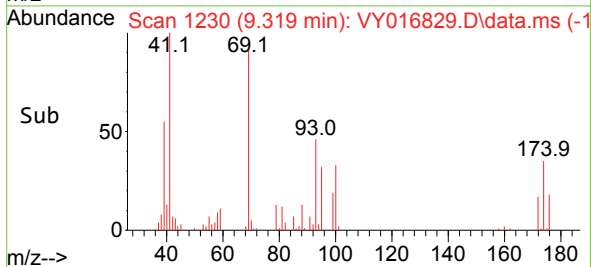
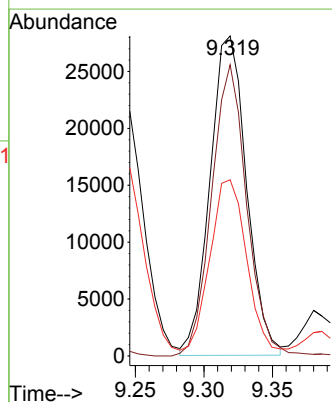
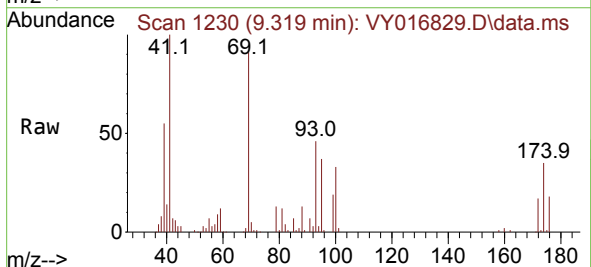


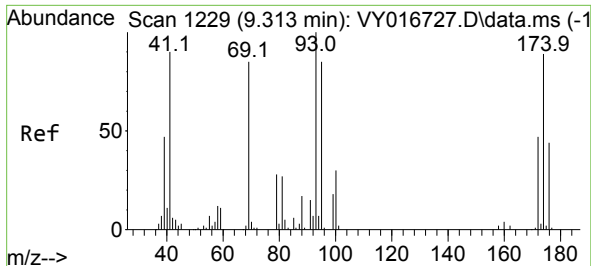
Tgt Ion: 83 Resp: 109510
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 7.7 6.4 9.6



#48
Methyl methacrylate
Concen: 50.473 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 41 Resp: 52035
Ion Ratio Lower Upper
41 100
69 88.1 72.1 108.1
39 53.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1063.538 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

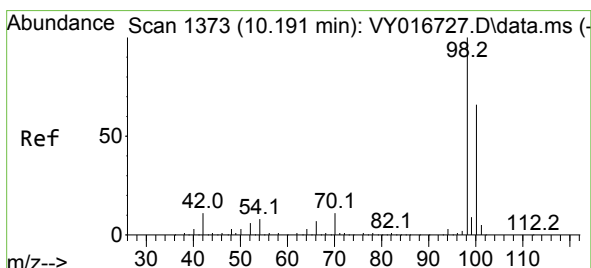
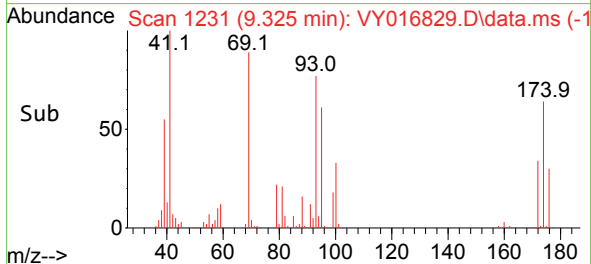
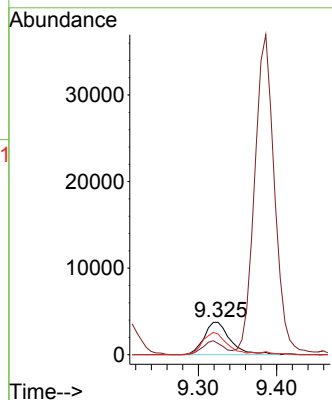
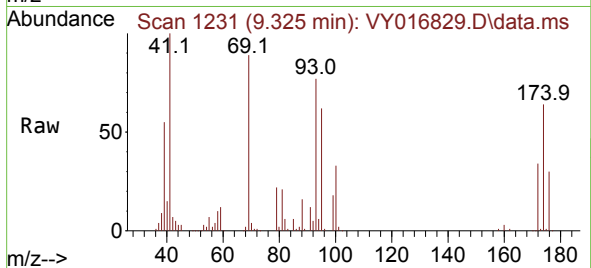
Tgt Ion: 88 Resp: 8674

Ion Ratio Lower Upper

88 100

43 34.7 28.2 42.4

58 64.9 52.2 78.2



#50

Toluene-d8

Concen: 50.325 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016829.D

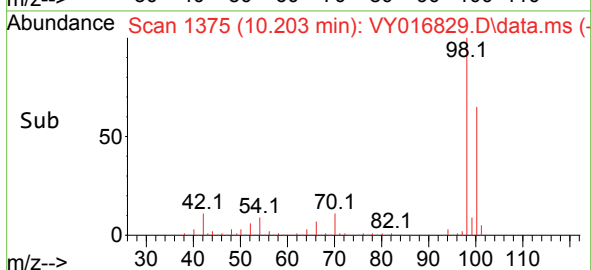
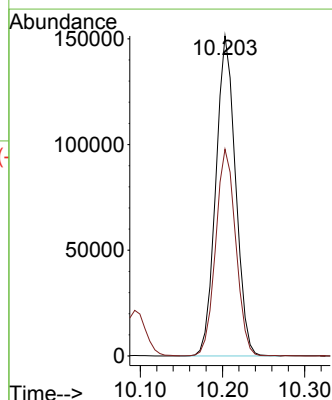
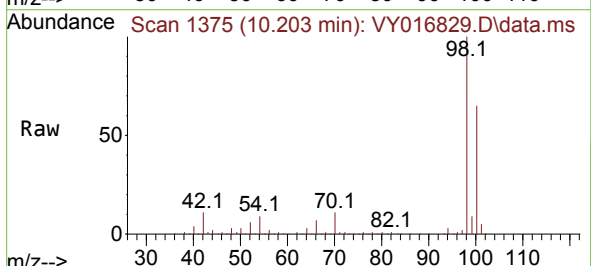
Acq: 22 Dec 2023 23:24

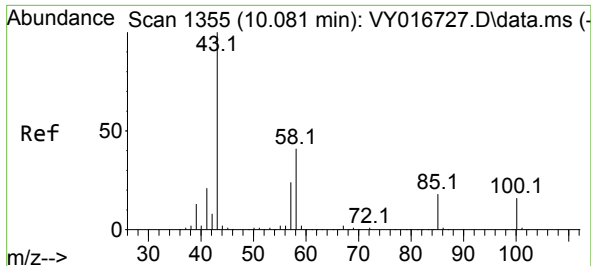
Tgt Ion: 98 Resp: 252156

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 249.656 ug/l

RT: 10.093 min Scan# 1357

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

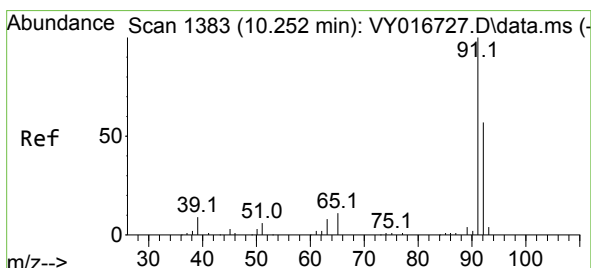
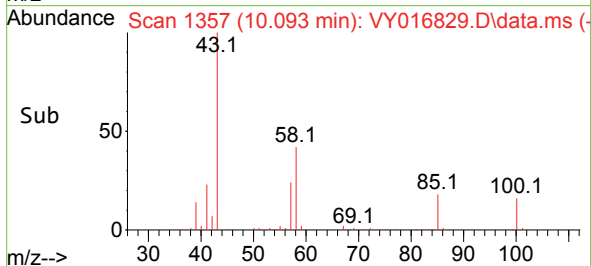
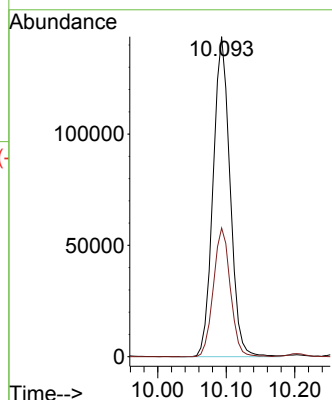
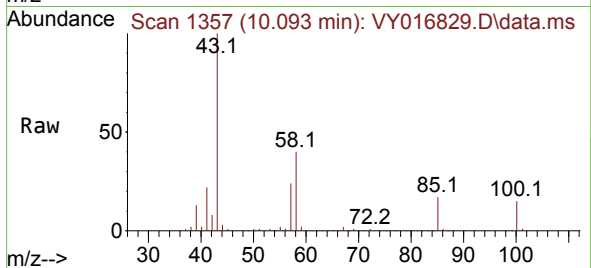
ClientSampleId :

Tgt Ion: 43 Resp: 246750

Ion Ratio Lower Upper

43 100

58 40.1 32.2 48.2



#52

Toluene

Concen: 51.166 ug/l

RT: 10.270 min Scan# 1386

Delta R.T. 0.018 min

Lab File: VY016829.D

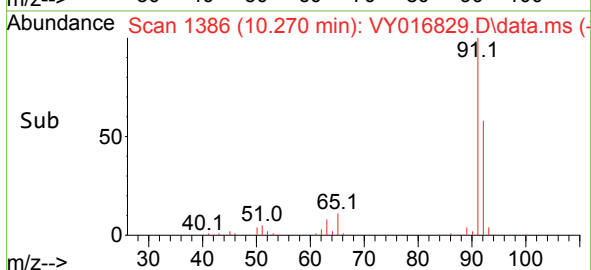
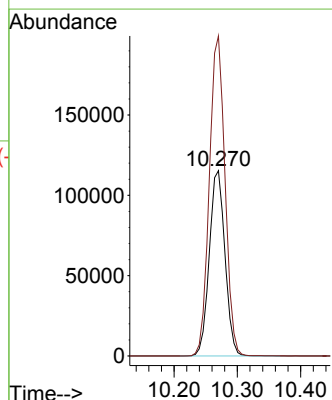
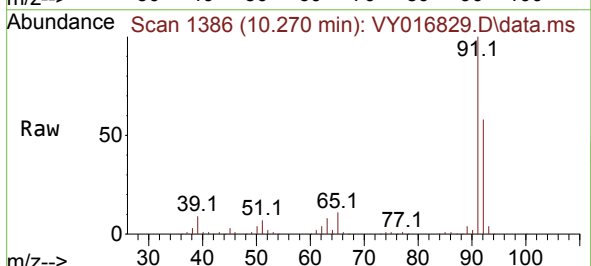
Acq: 22 Dec 2023 23:24

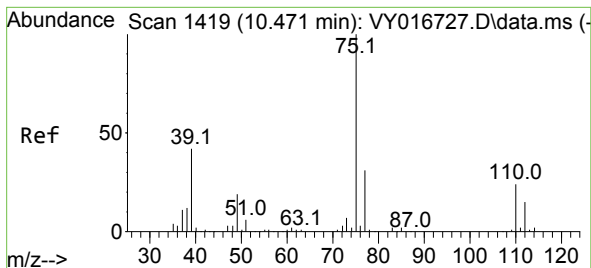
Tgt Ion: 92 Resp: 198822

Ion Ratio Lower Upper

92 100

91 172.9 137.6 206.4

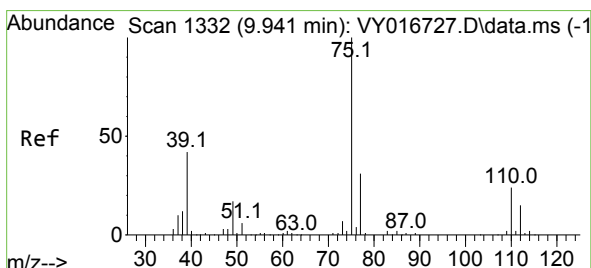
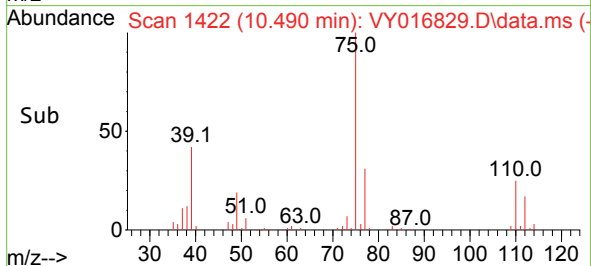
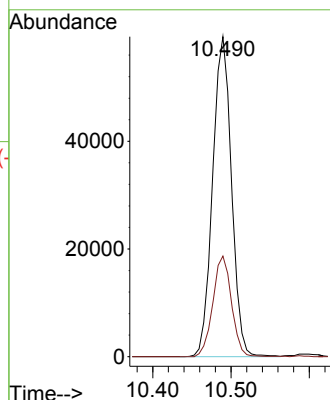
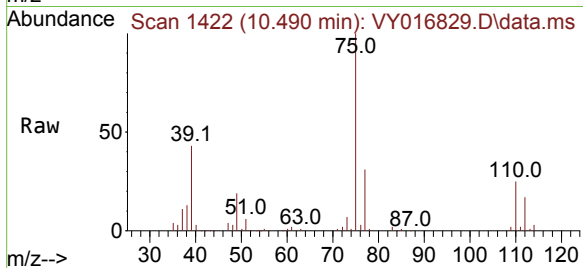




#53
t-1,3-Dichloropropene
Concen: 49.213 ug/l
RT: 10.490 min Scan# 1419
Delta R.T. 0.019 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

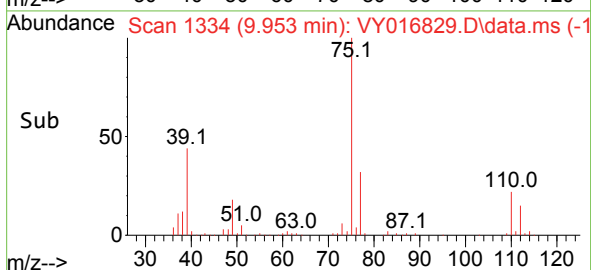
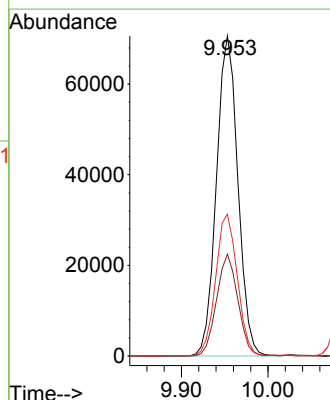
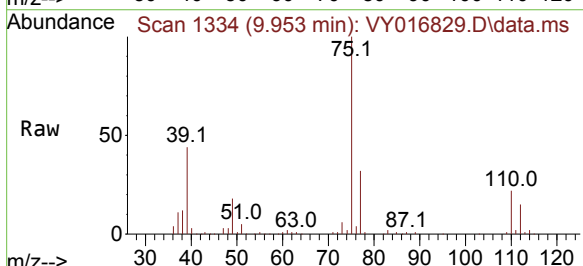
Instrument :
MSVOA_Y
ClientSampleId :

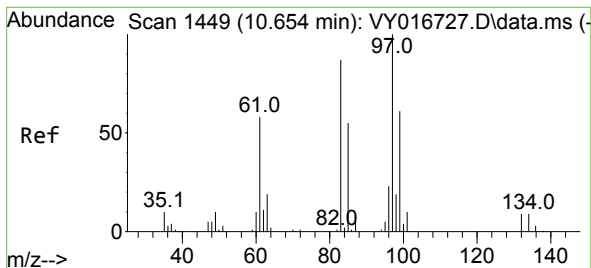
Tgt Ion: 75 Resp: 99385
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 49.918 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 75 Resp: 121596
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 44.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 48.552 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 58208

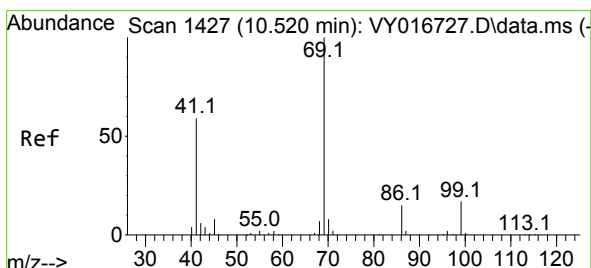
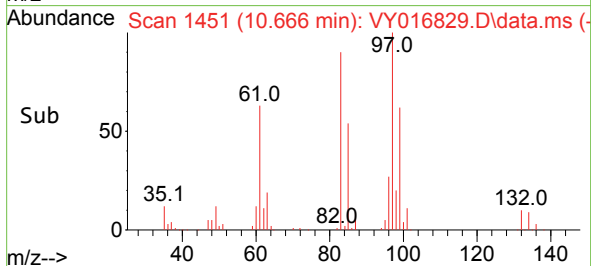
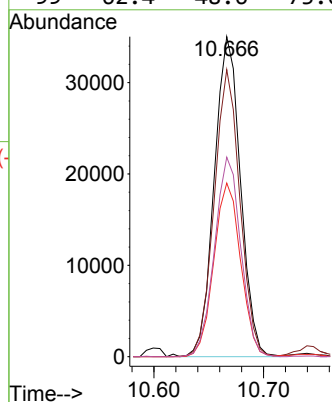
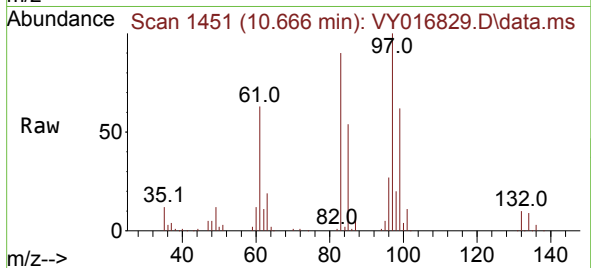
Ion Ratio Lower Upper

97 100

83 89.5 69.4 104.2

85 54.3 43.9 65.9

99 62.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 49.782 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

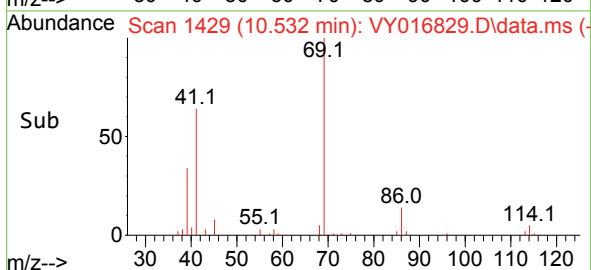
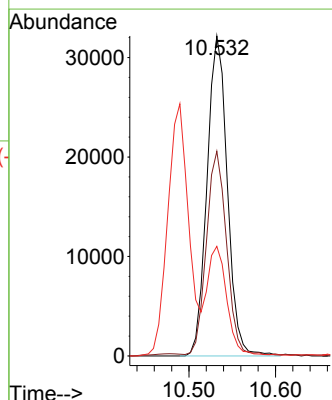
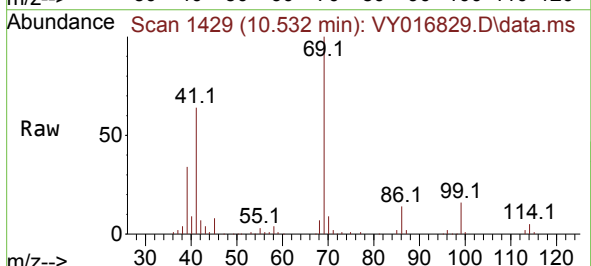
Tgt Ion: 69 Resp: 52482

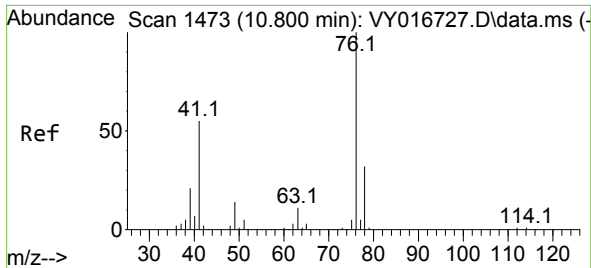
Ion Ratio Lower Upper

69 100

41 62.7 49.2 73.8

39 32.6 26.8 40.2





#57

1,3-Dichloropropane

Concen: 49.507 ug/l

RT: 10.813 min Scan# 14

Delta R.T. 0.013 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

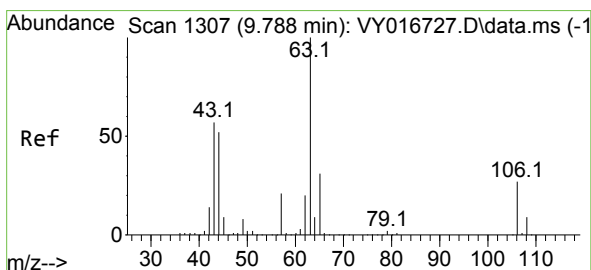
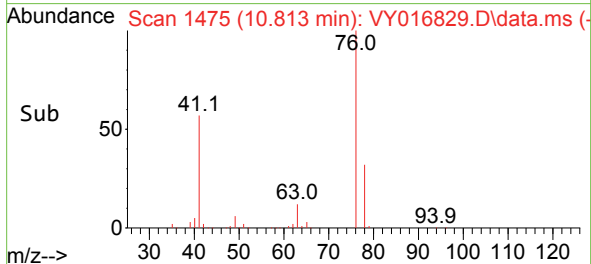
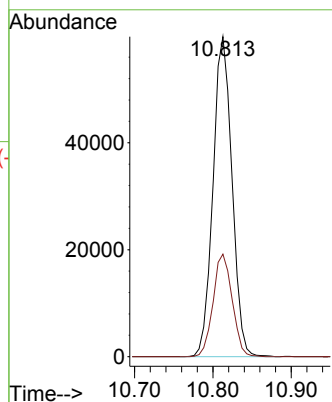
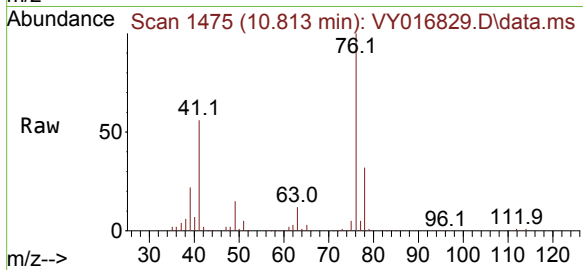
ClientSampleId :

Tgt Ion: 76 Resp: 100814

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 287.898 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY016829.D

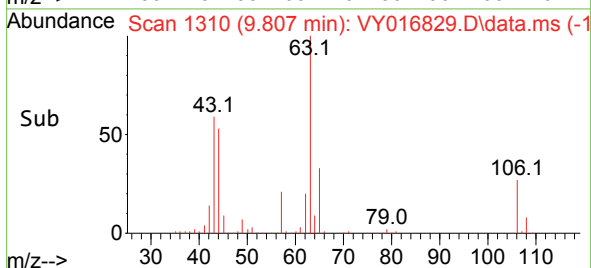
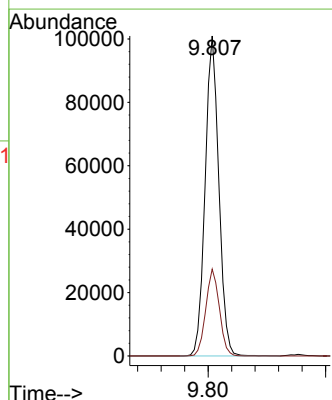
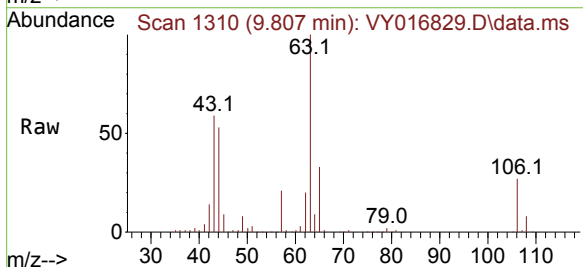
Acq: 22 Dec 2023 23:24

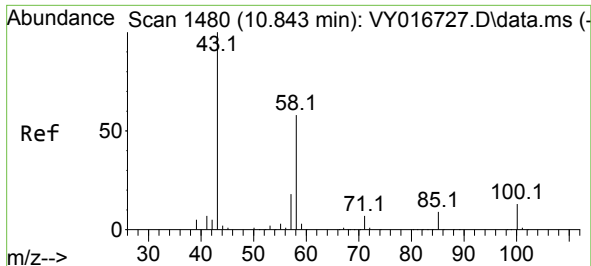
Tgt Ion: 63 Resp: 163275

Ion Ratio Lower Upper

63 100

106 26.9 22.4 33.6





#59

2-Hexanone

Concen: 225.010 ug/l

RT: 10.855 min Scan# 1480

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

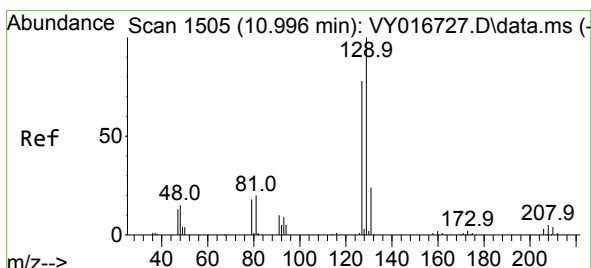
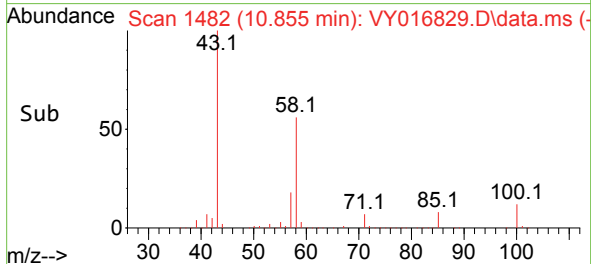
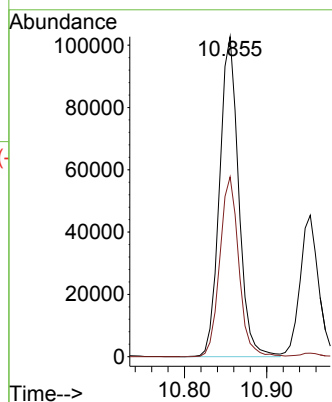
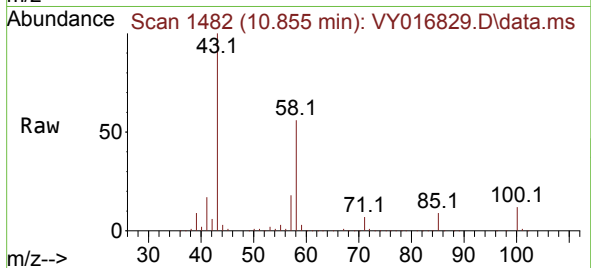
ClientSampleId :

Tgt Ion: 43 Resp: 165827

Ion Ratio Lower Upper

43 100

58 55.9 28.1 84.3



#60

Dibromochloromethane

Concen: 48.258 ug/l

RT: 11.008 min Scan# 1507

Delta R.T. 0.012 min

Lab File: VY016829.D

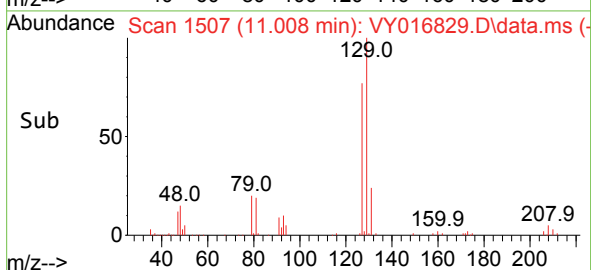
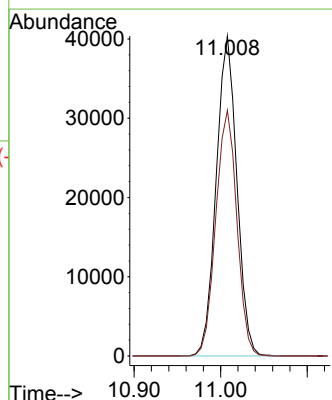
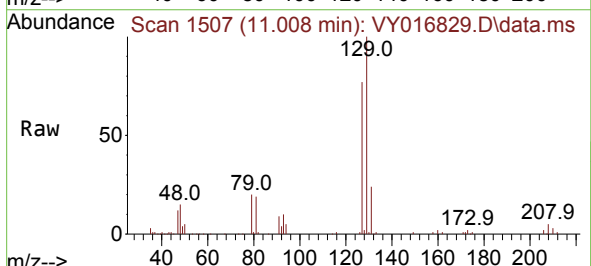
Acq: 22 Dec 2023 23:24

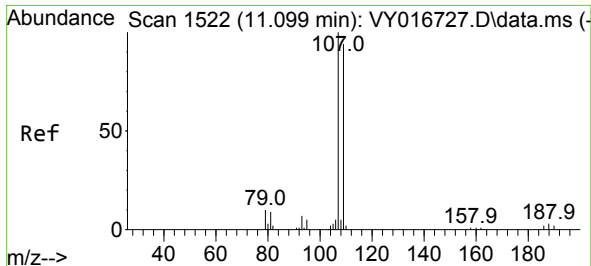
Tgt Ion:129 Resp: 66929

Ion Ratio Lower Upper

129 100

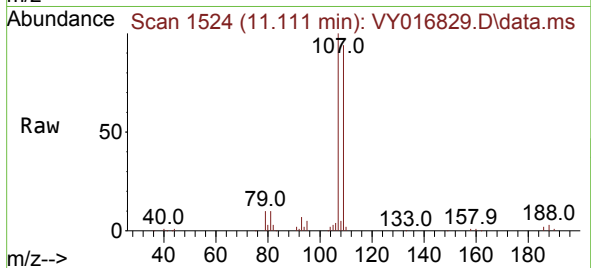
127 78.2 39.2 117.6



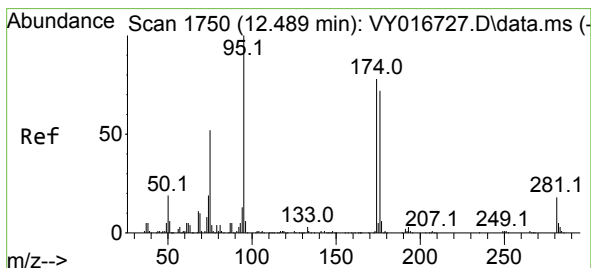
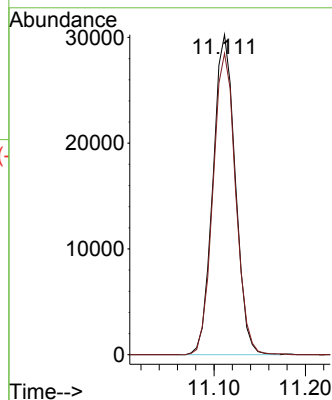
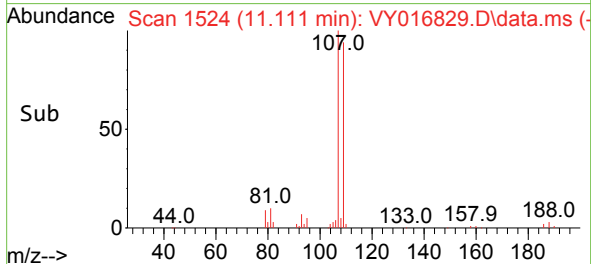


#61
1,2-Dibromoethane
Concen: 47.687 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Instrument :
MSVOA_Y
ClientSampleId :

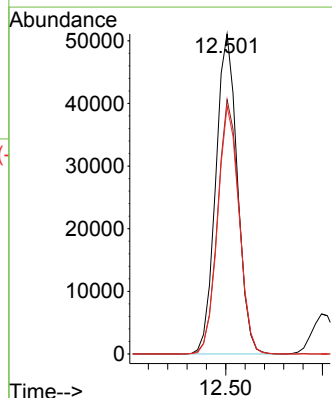
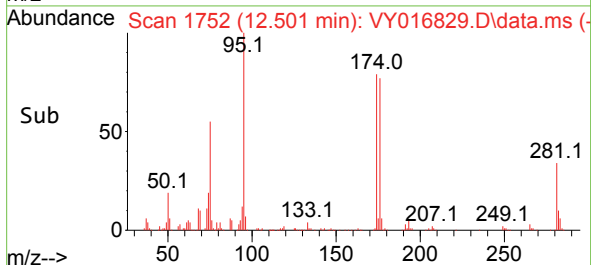
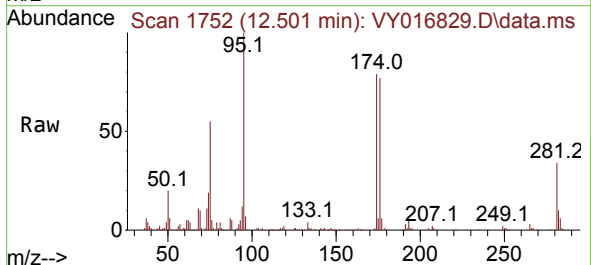


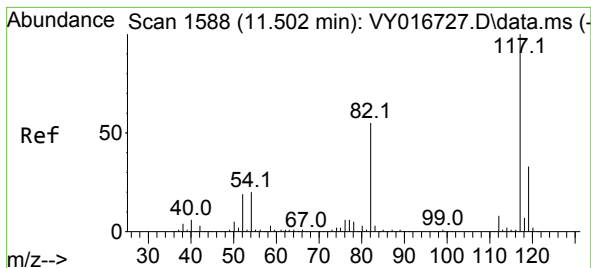
Tgt Ion:107 Resp: 51271
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.686 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 95 Resp: 79143
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 76.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

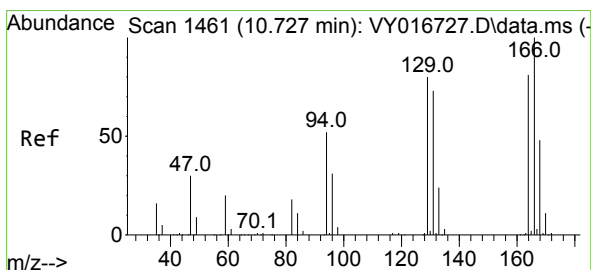
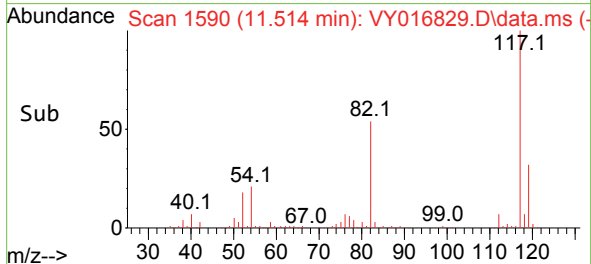
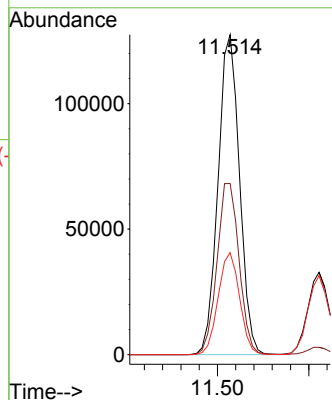
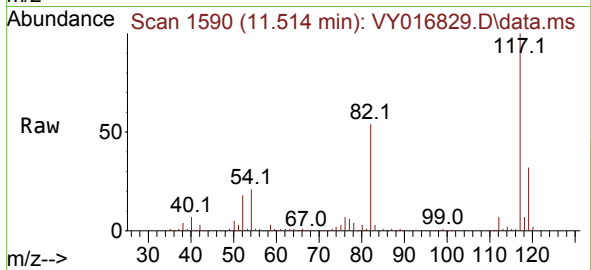
Tgt Ion:117 Resp: 208145

Ion Ratio Lower Upper

117 100

82 53.5 43.8 65.8

119 31.9 26.5 39.7



#64

Tetrachloroethene

Concen: 49.242 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.018 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Tgt Ion:164 Resp: 63669

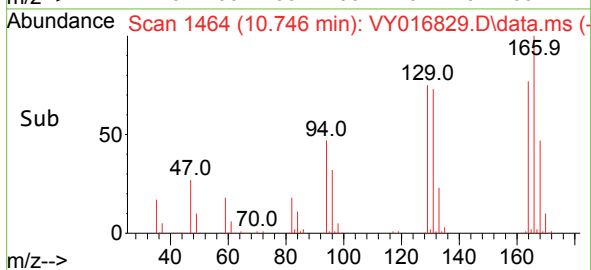
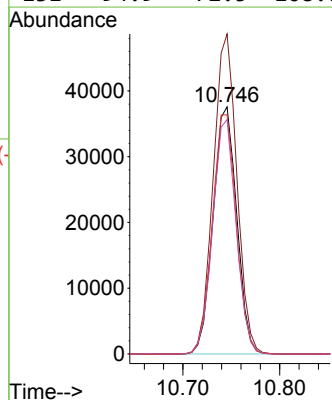
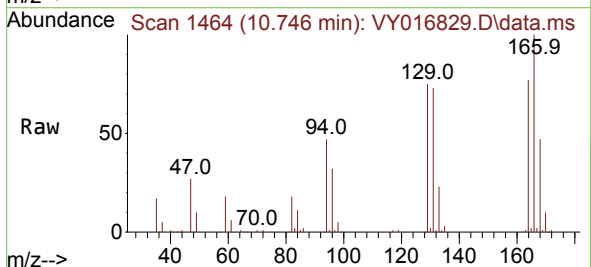
Ion Ratio Lower Upper

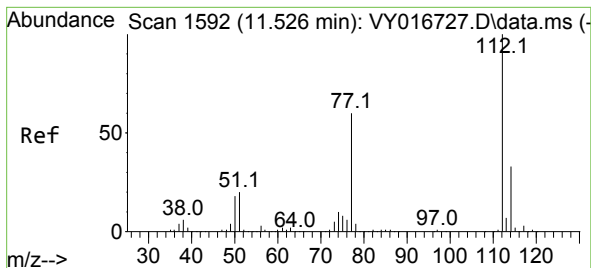
164 100

166 129.5 98.8 148.2

129 96.8 78.9 118.3

131 94.9 72.5 108.7





#65

Chlorobenzene

Concen: 49.766 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

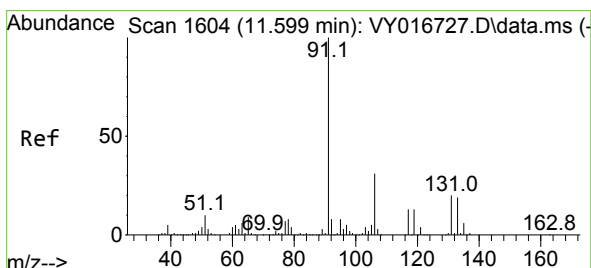
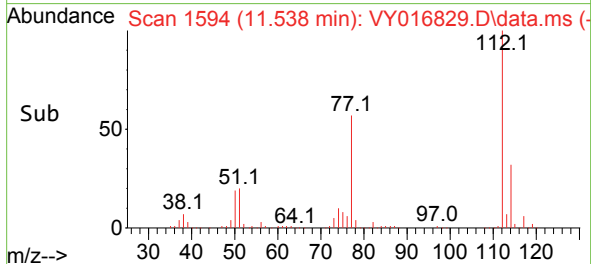
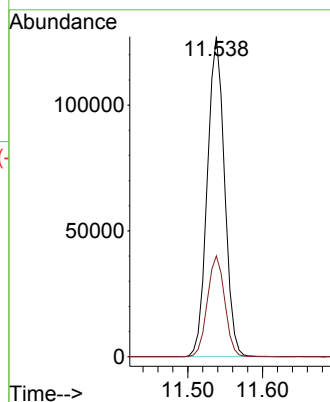
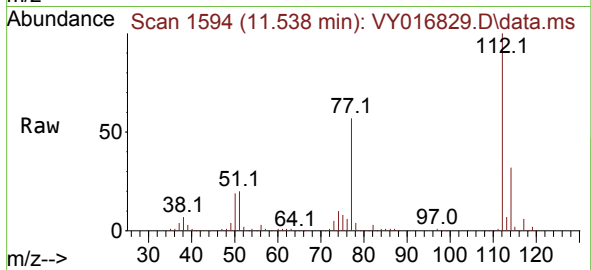
ClientSampleId :

Tgt Ion:112 Resp: 203517

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 47.864 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

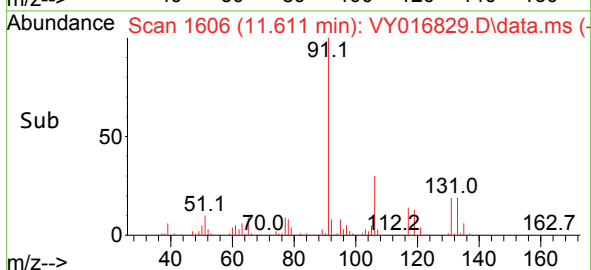
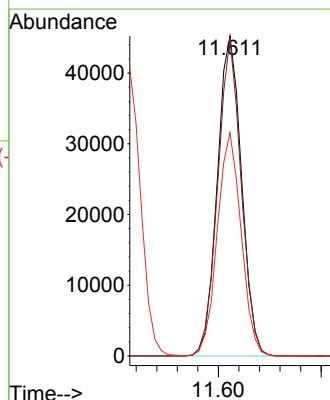
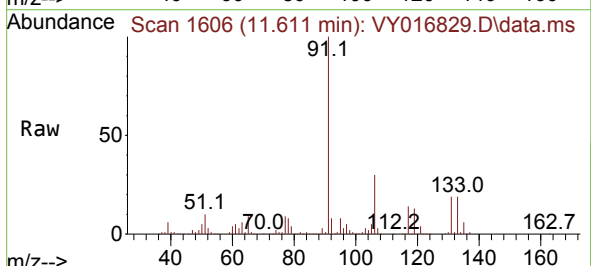
Tgt Ion:131 Resp: 73646

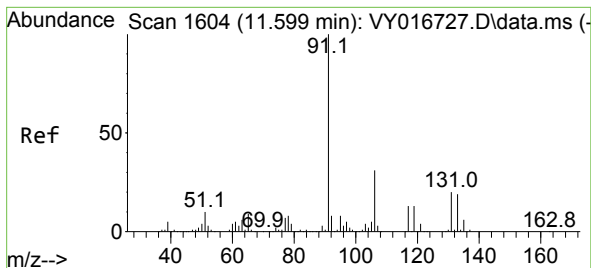
Ion Ratio Lower Upper

131 100

133 96.1 47.0 141.0

119 69.0 33.3 99.9





#67

Ethyl Benzene

Concen: 50.837 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

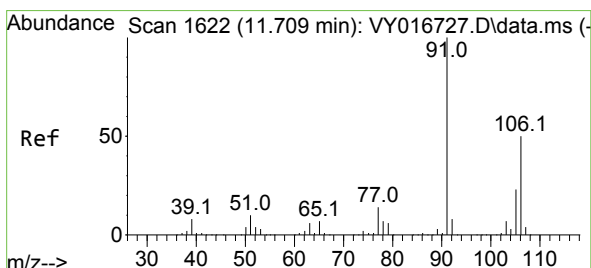
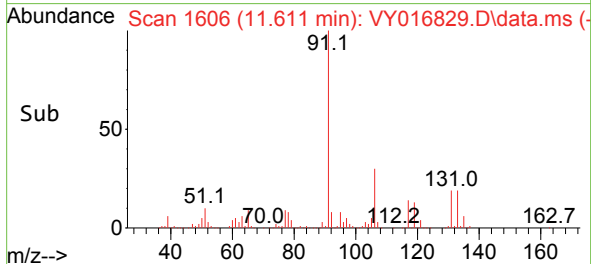
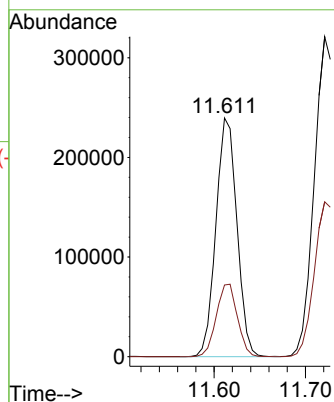
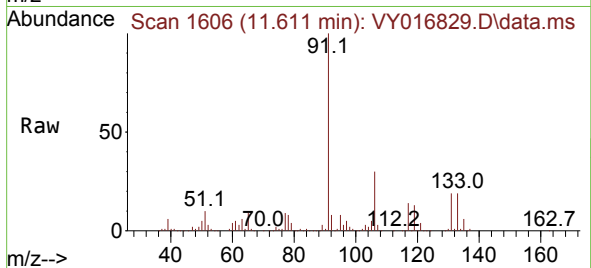
ClientSampleId :

Tgt Ion: 91 Resp: 382650

Ion Ratio Lower Upper

91 100

106 30.0 25.0 37.4



#68

m/p-Xylenes

Concen: 102.567 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016829.D

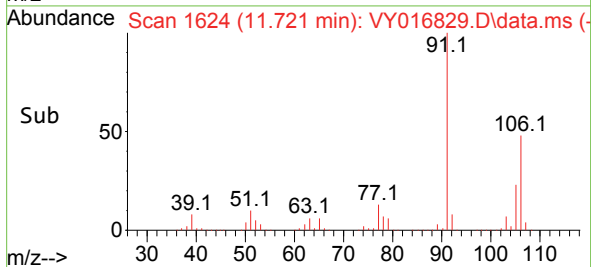
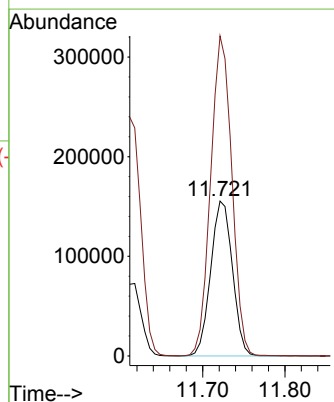
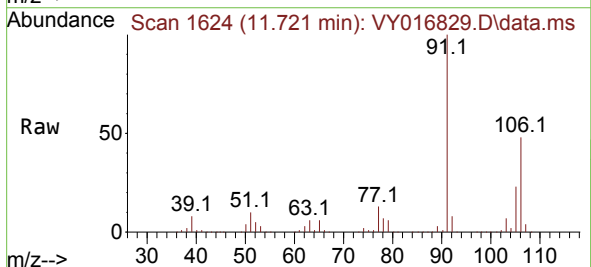
Acq: 22 Dec 2023 23:24

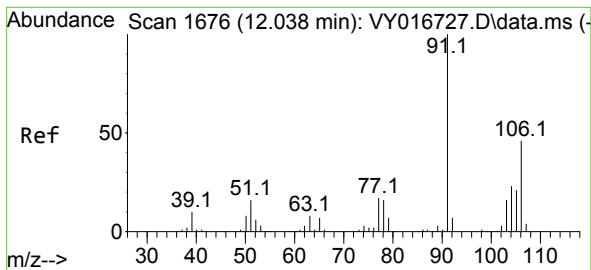
Tgt Ion:106 Resp: 285088

Ion Ratio Lower Upper

106 100

91 202.1 160.7 241.1





#69

o-Xylene

Concen: 51.319 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

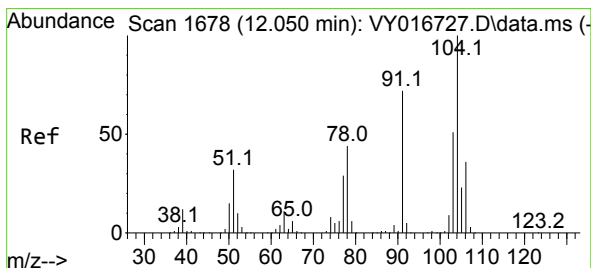
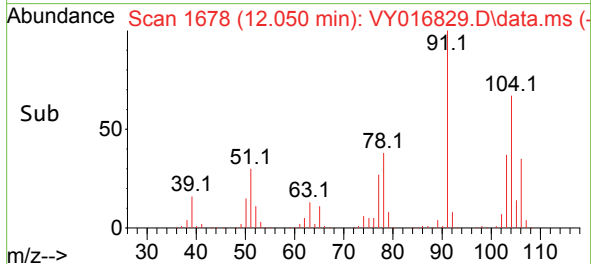
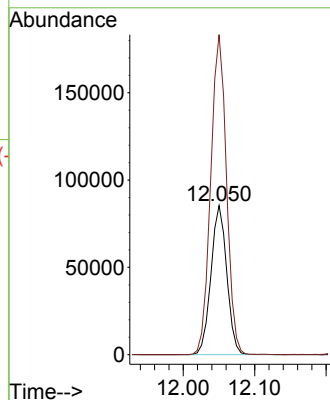
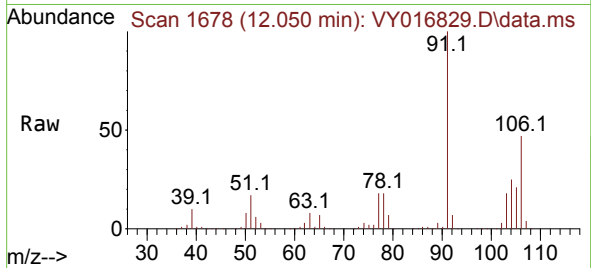
ClientSampleId :

Tgt Ion:106 Resp: 130861

Ion Ratio Lower Upper

106 100

91 214.8 106.5 319.5



#70

Styrene

Concen: 50.946 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

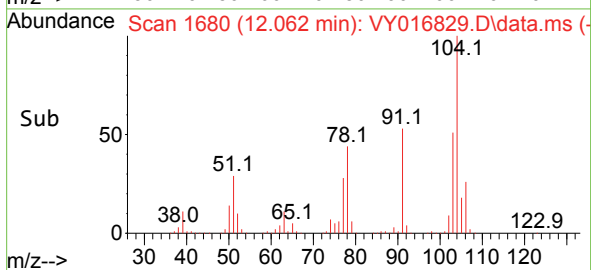
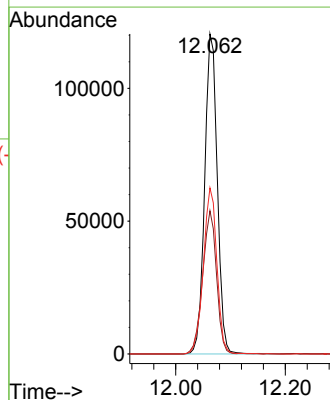
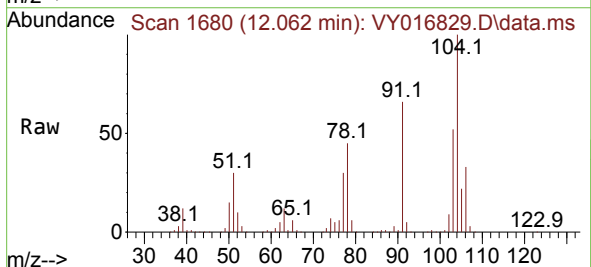
Tgt Ion:104 Resp: 192235

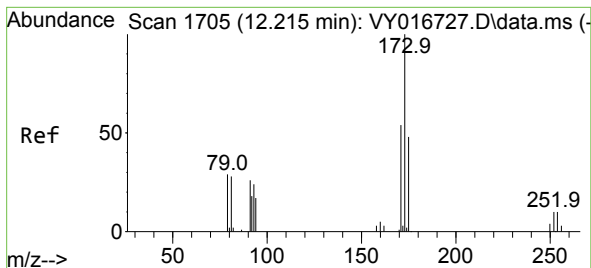
Ion Ratio Lower Upper

104 100

78 49.1 39.2 58.8

103 55.7 43.8 65.6





#71

Bromoform

Concen: 46.419 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

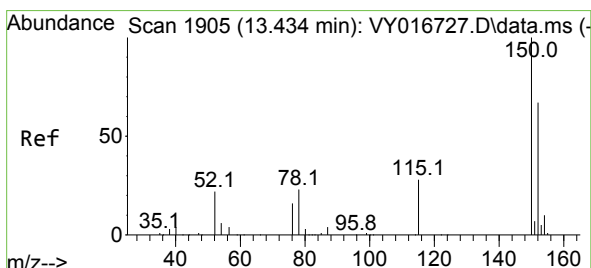
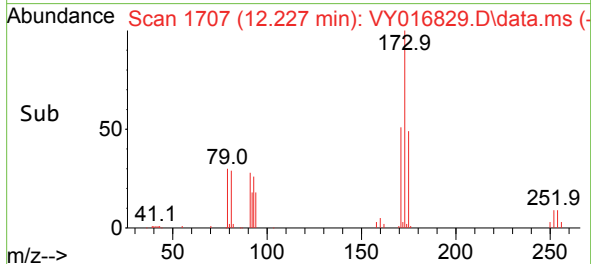
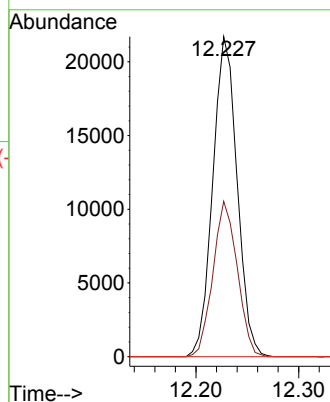
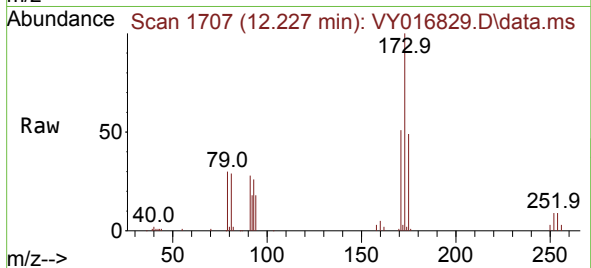
Tgt Ion:173 Resp: 35608

Ion Ratio Lower Upper

173 100

175 48.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

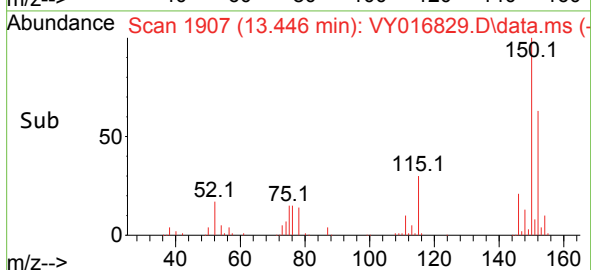
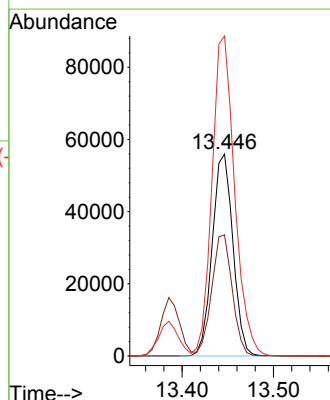
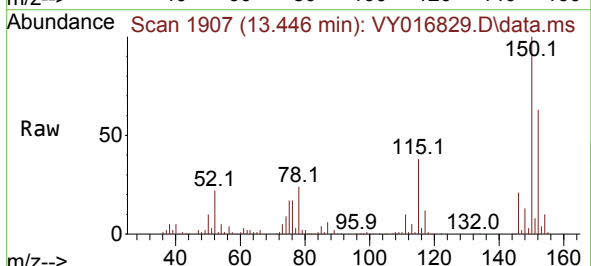
Tgt Ion:152 Resp: 88028

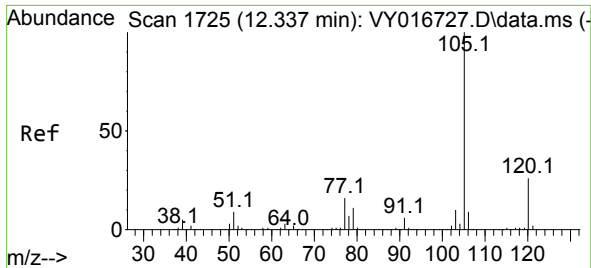
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 173.4 0.0 344.6

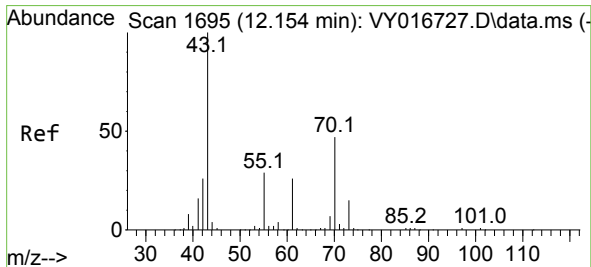
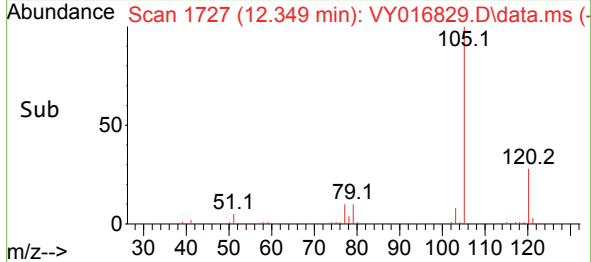
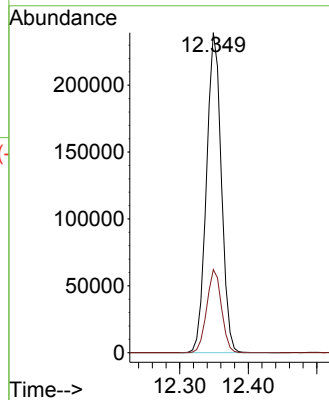
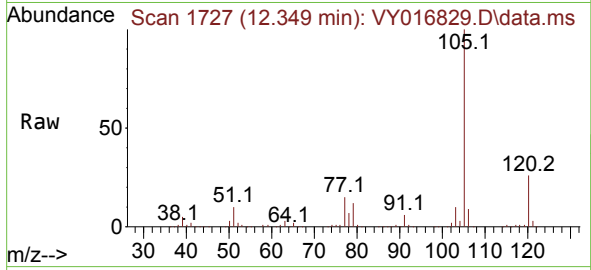




#73
Isopropylbenzene
Concen: 52.593 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

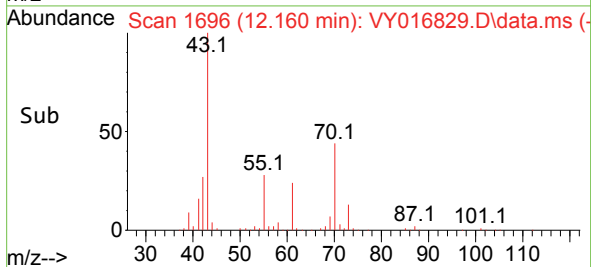
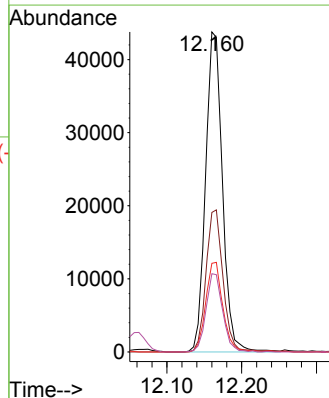
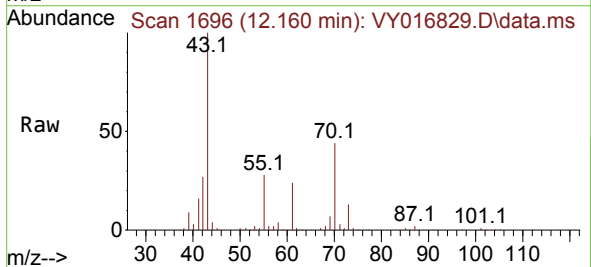
Instrument :
MSVOA_Y
ClientSampleId :

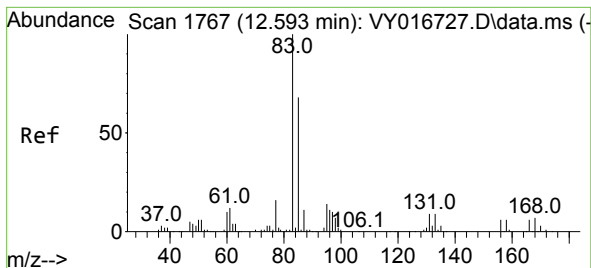
Tgt Ion:105 Resp: 360564
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 47.774 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 43 Resp: 68736
Ion Ratio Lower Upper
43 100
70 44.6 36.6 55.0
55 28.5 22.2 33.4
61 24.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.765 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

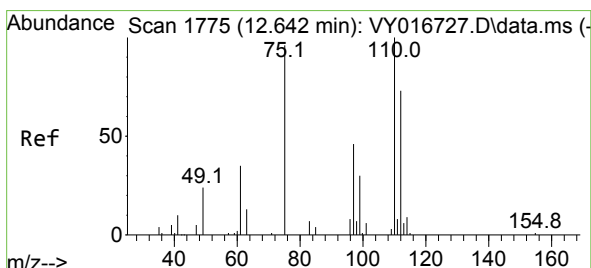
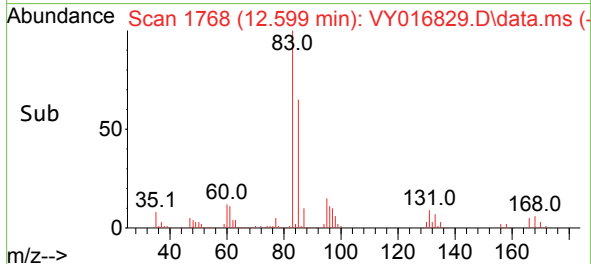
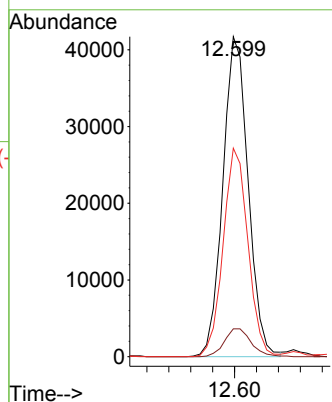
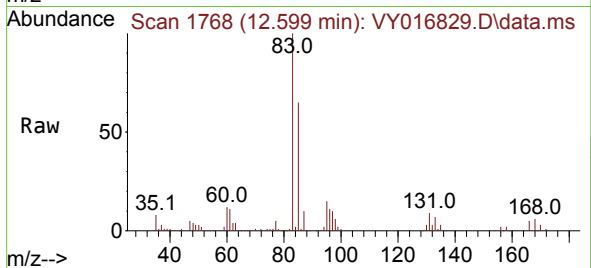
Tgt Ion: 83 Resp: 66808

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 63.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 80.745 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016829.D

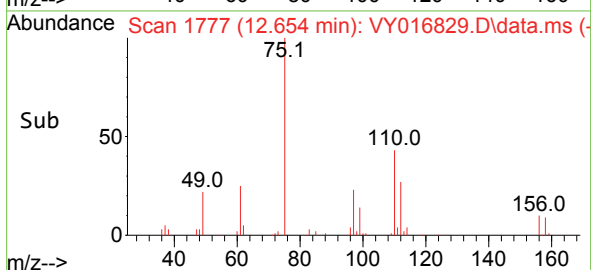
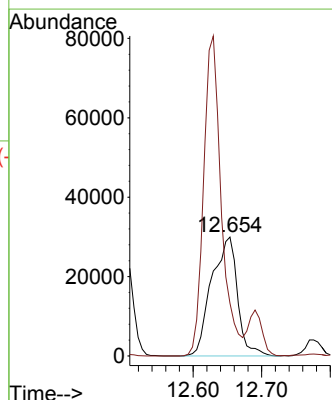
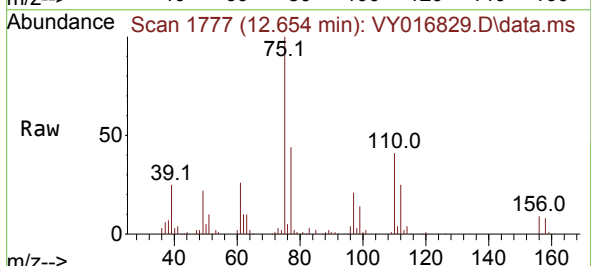
Acq: 22 Dec 2023 23:24

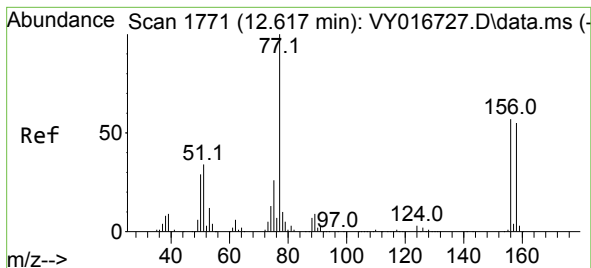
Tgt Ion: 75 Resp: 78573

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.140 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

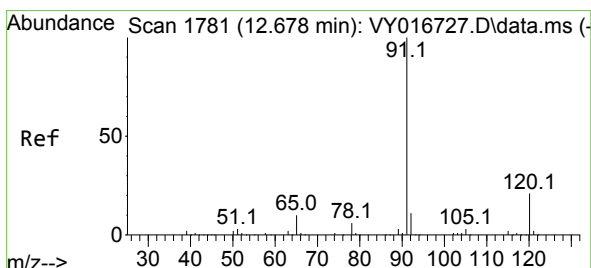
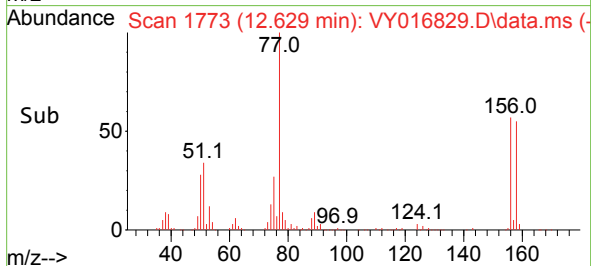
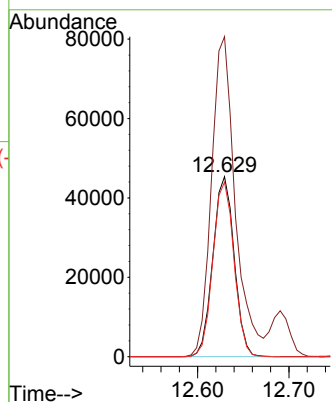
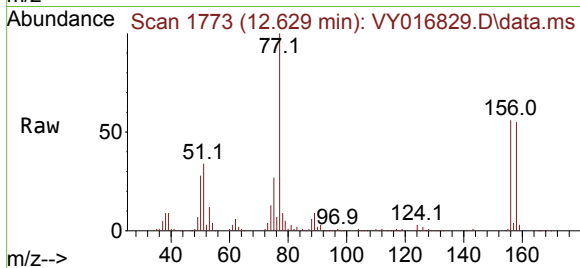
Tgt Ion:156 Resp: 73495

Ion Ratio Lower Upper

156 100

77 197.9 97.3 291.8

158 96.0 48.4 145.0



#78

n-propylbenzene

Concen: 52.708 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016829.D

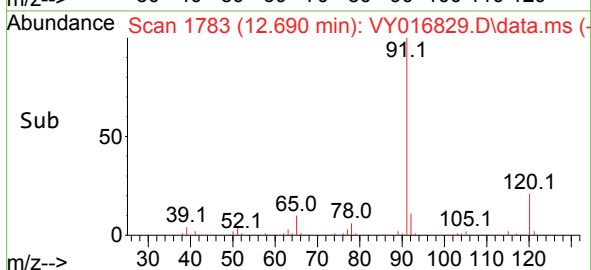
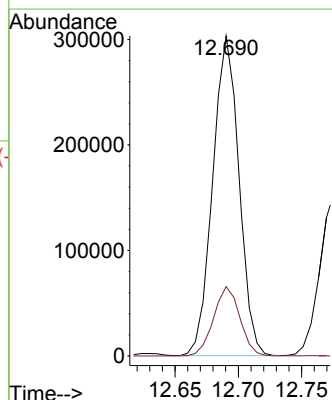
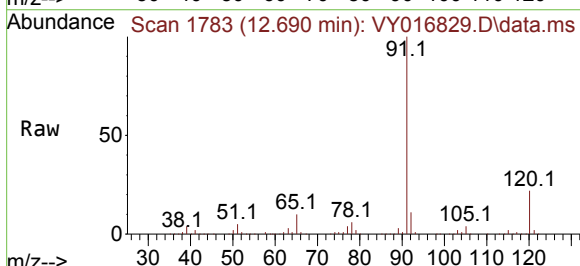
Acq: 22 Dec 2023 23:24

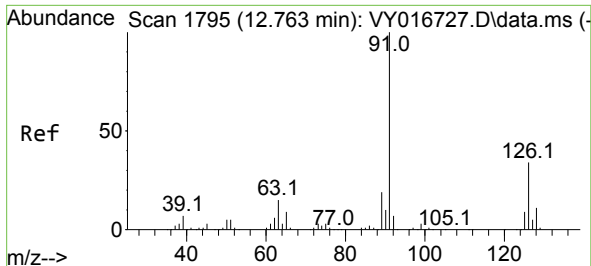
Tgt Ion: 91 Resp: 437807

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0

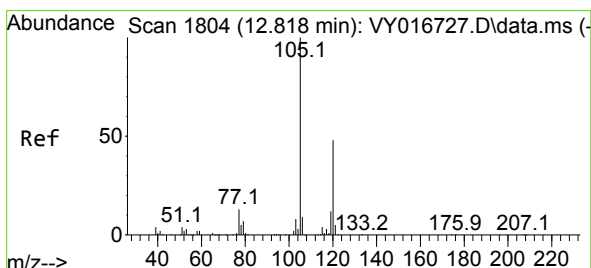
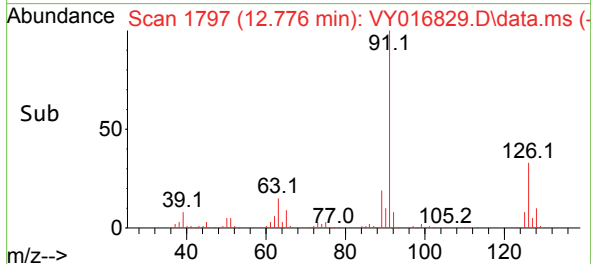
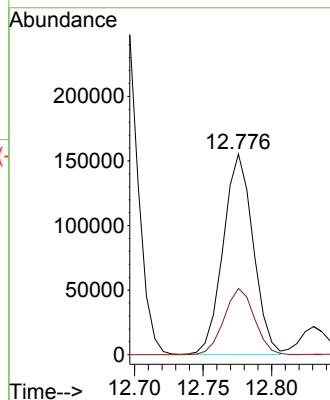
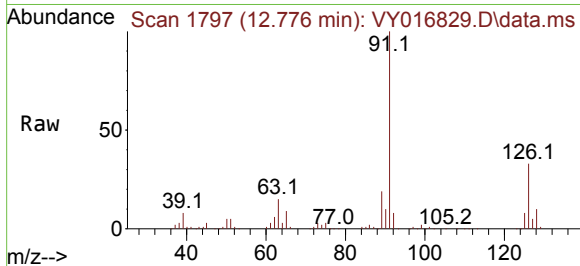




#79
2-Chlorotoluene
Concen: 51.466 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

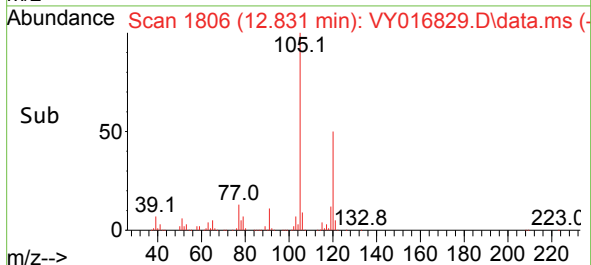
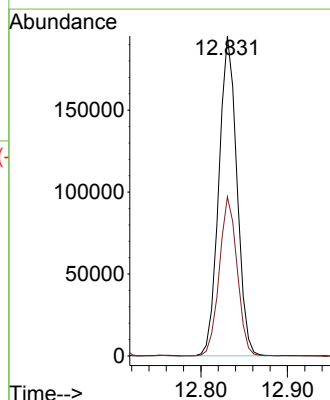
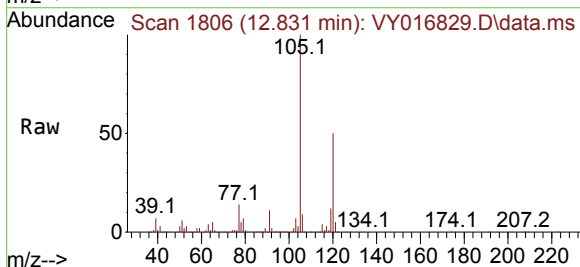
Instrument :
MSVOA_Y
ClientSampleId :

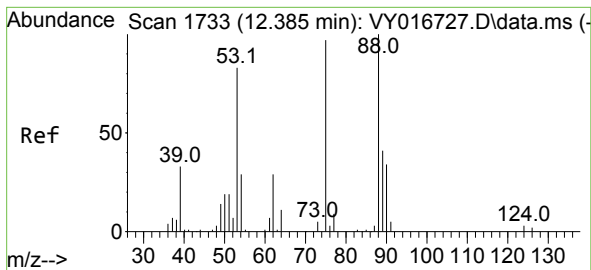
Tgt Ion: 91 Resp: 236551
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.969 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 105 Resp: 282031
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.231 ug/l

RT: 12.398 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

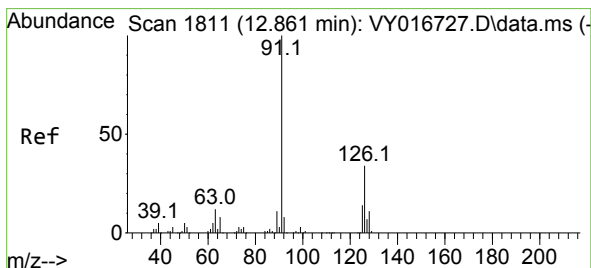
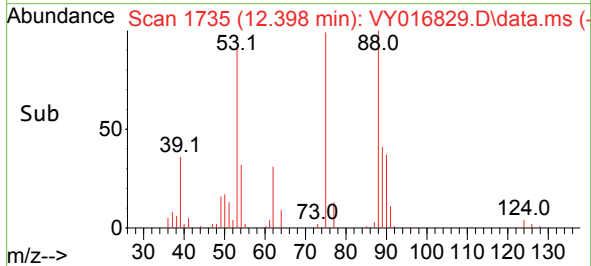
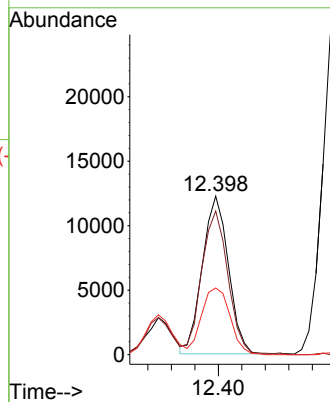
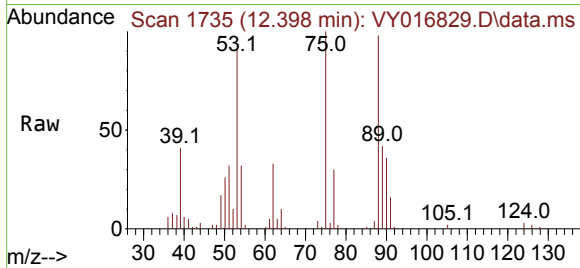
Tgt Ion: 75 Resp: 18742

Ion Ratio Lower Upper

75 100

53 93.3 74.0 111.0

89 46.3 36.5 54.7



#82

4-Chlorotoluene

Concen: 51.519 ug/l

RT: 12.873 min Scan# 1813

Delta R.T. 0.012 min

Lab File: VY016829.D

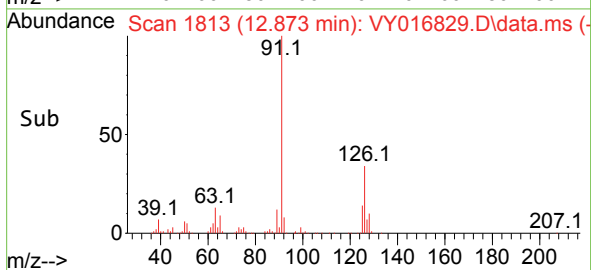
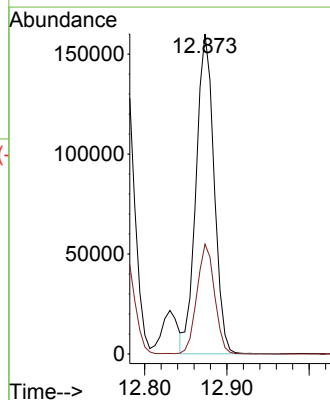
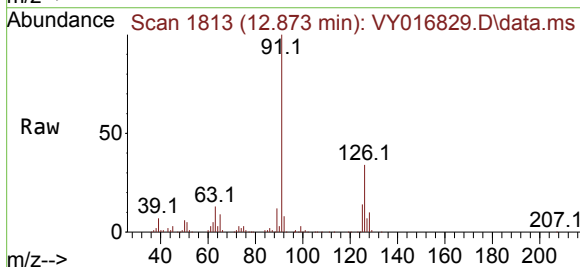
Acq: 22 Dec 2023 23:24

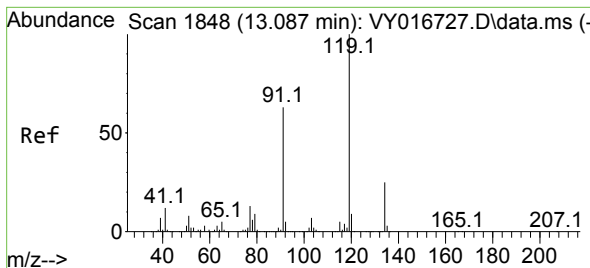
Tgt Ion: 91 Resp: 242929

Ion Ratio Lower Upper

91 100

126 33.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.208 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

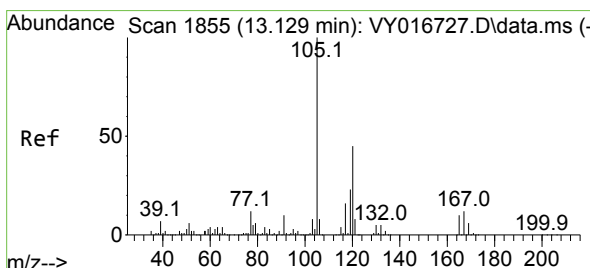
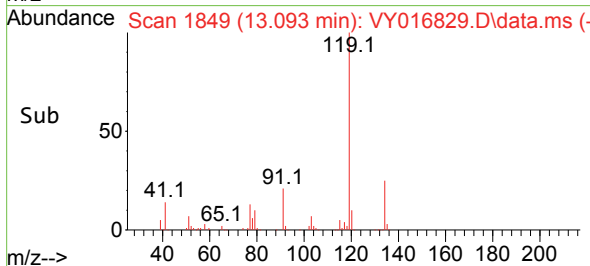
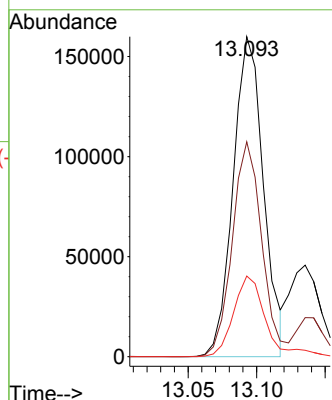
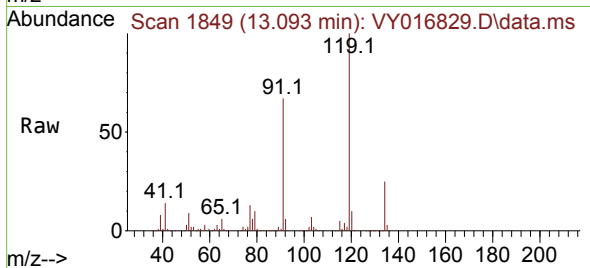
Tgt Ion:119 Resp: 246448

Ion Ratio Lower Upper

119 100

91 65.6 31.5 94.5

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 52.427 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016829.D

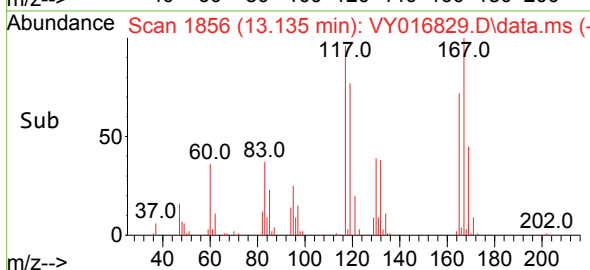
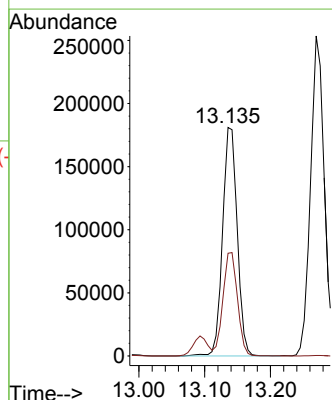
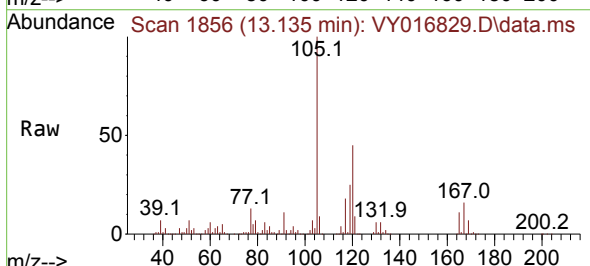
Acq: 22 Dec 2023 23:24

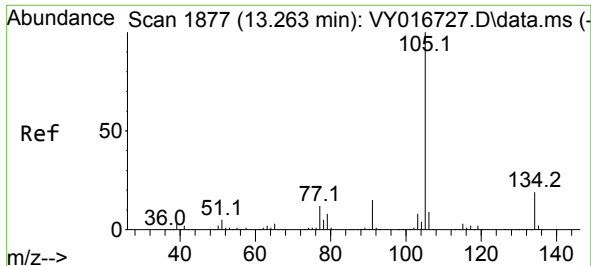
Tgt Ion:105 Resp: 280553

Ion Ratio Lower Upper

105 100

120 44.7 22.1 66.3

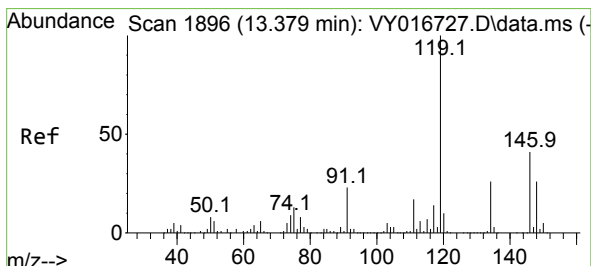
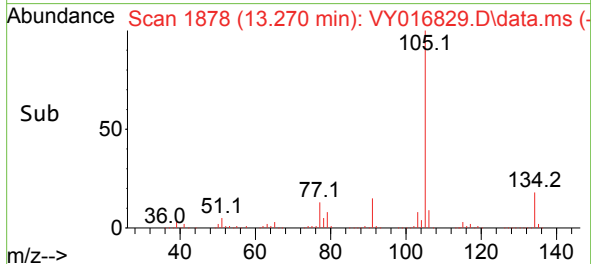
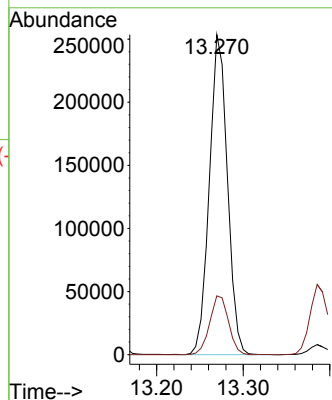
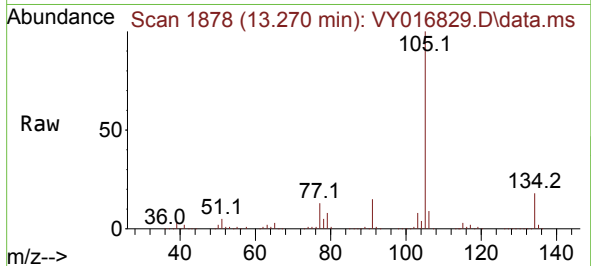




#85
 sec-Butylbenzene
 Concen: 52.456 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

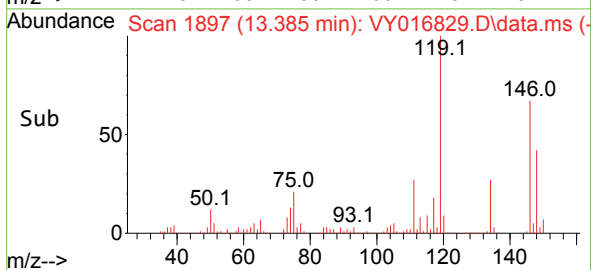
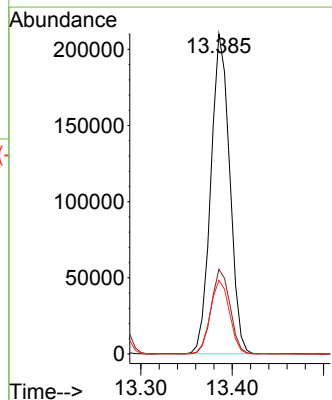
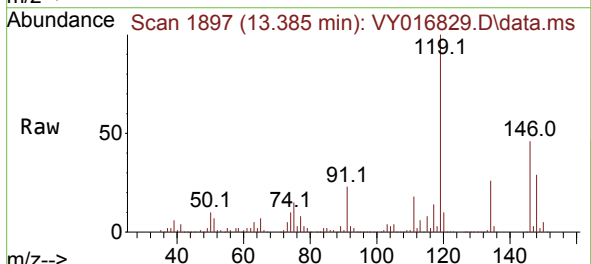
Instrument :
 MSVOA_Y
 ClientSampleId :

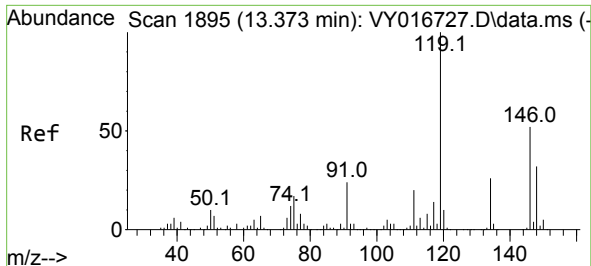
Tgt Ion:105 Resp: 366765
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.518 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Tgt Ion:119 Resp: 299979
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.539 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

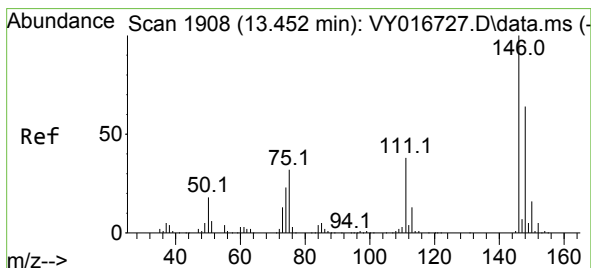
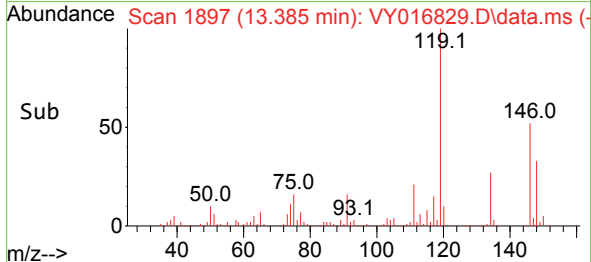
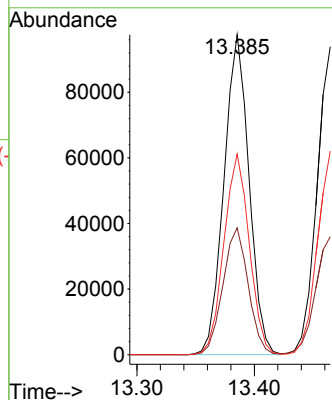
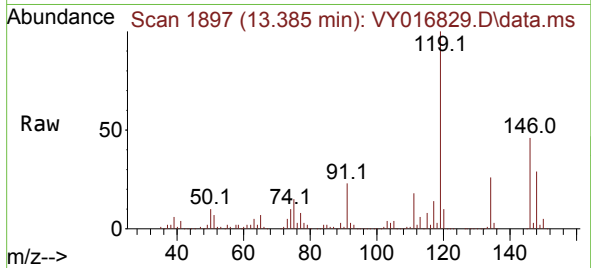
Tgt Ion:146 Resp: 144797

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.006 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

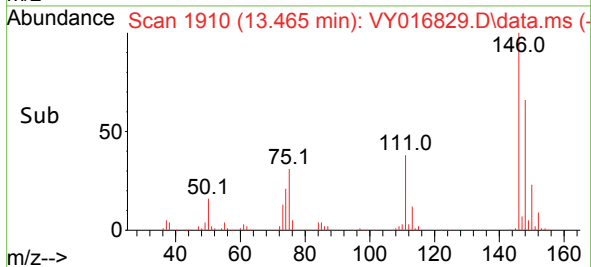
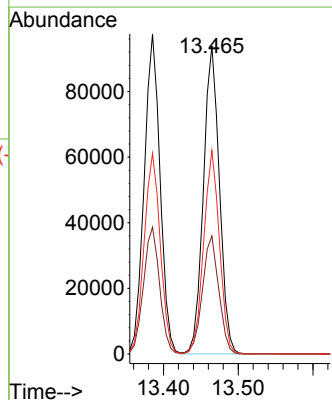
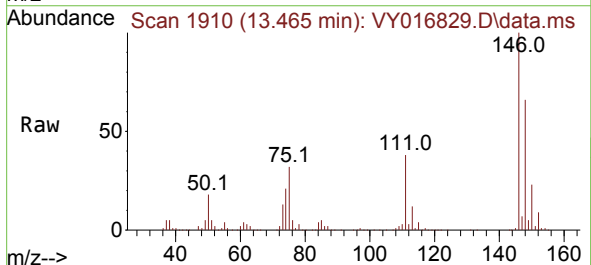
Tgt Ion:146 Resp: 139866

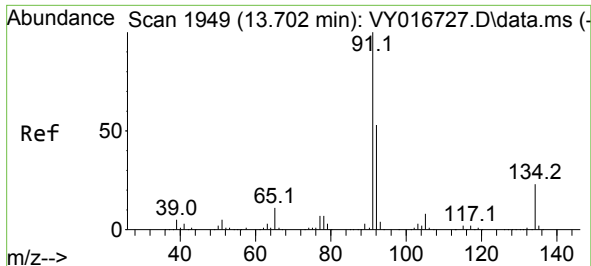
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

148 64.8 31.6 94.7

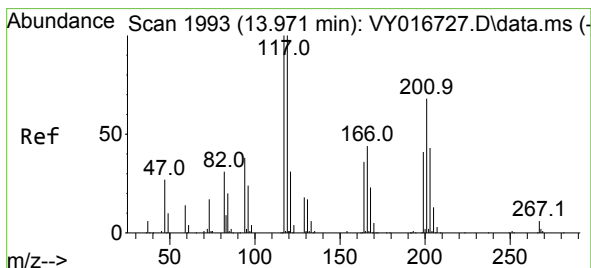
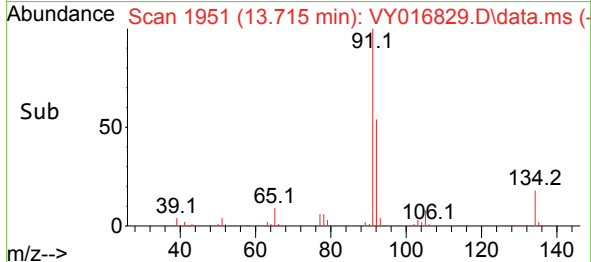
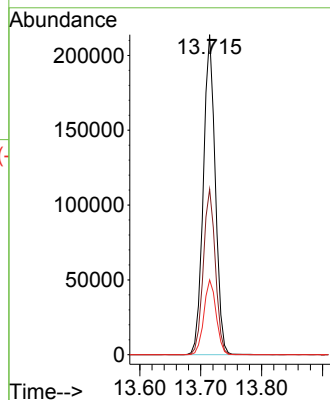
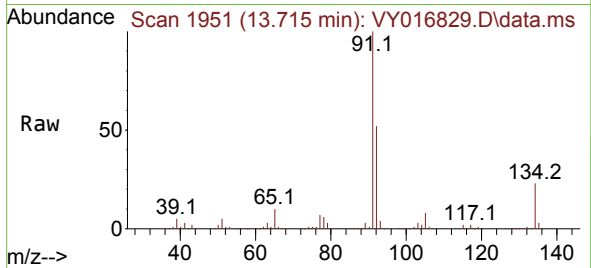




#89
n-Butylbenzene
Concen: 52.530 ug/l
RT: 13.715 min Scan# 1949
Delta R.T. 0.012 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

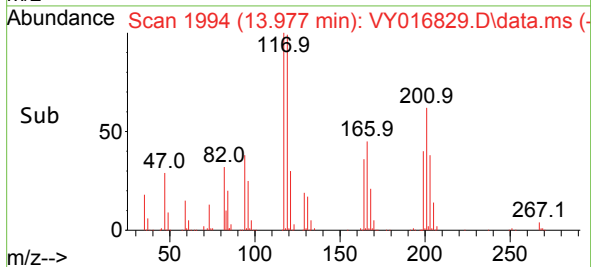
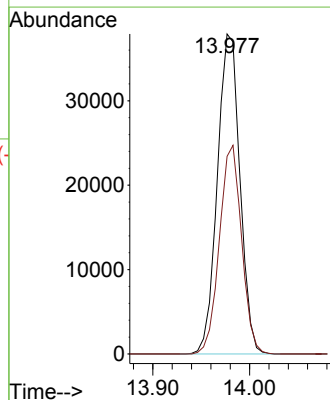
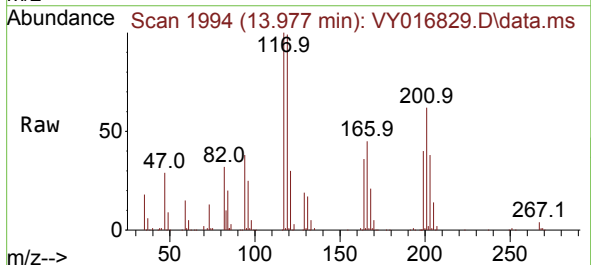
Instrument :
MSVOA_Y
ClientSampleId :

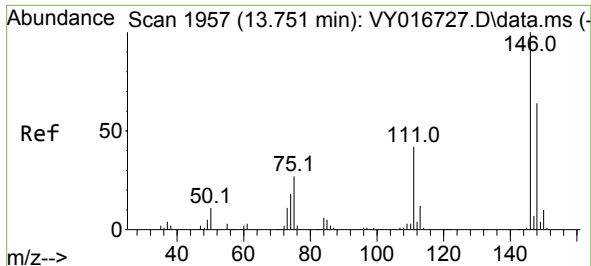
Tgt Ion: 91 Resp: 292390
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 23.9 12.3 36.8



#90
Hexachloroethane
Concen: 50.613 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016829.D
Acq: 22 Dec 2023 23:24

Tgt Ion: 117 Resp: 61367
Ion Ratio Lower Upper
117 100
201 64.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 49.539 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

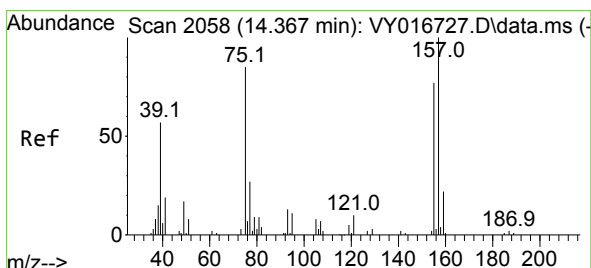
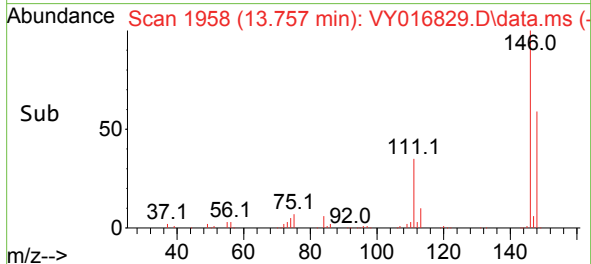
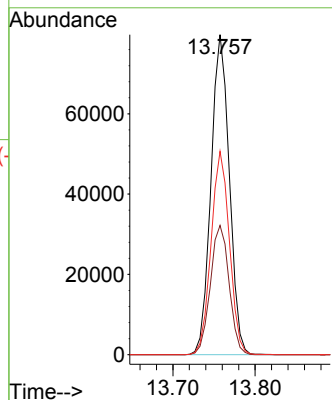
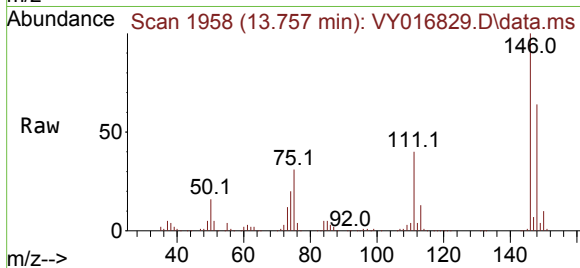
Tgt Ion:146 Resp: 123355

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

148 63.7 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.152 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

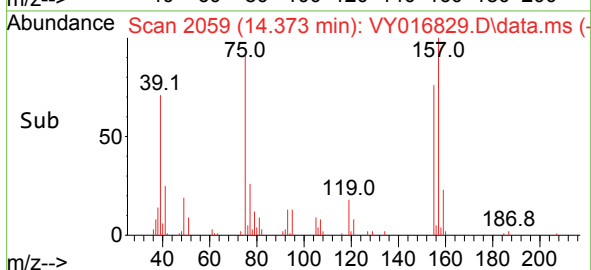
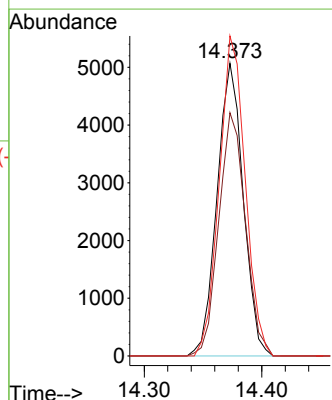
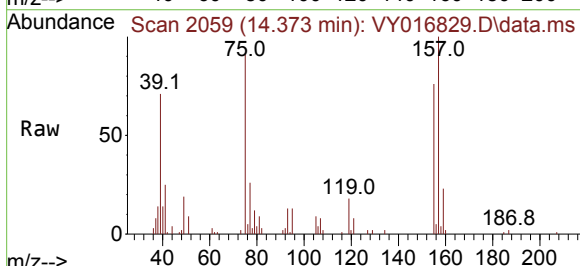
Tgt Ion: 75 Resp: 7841

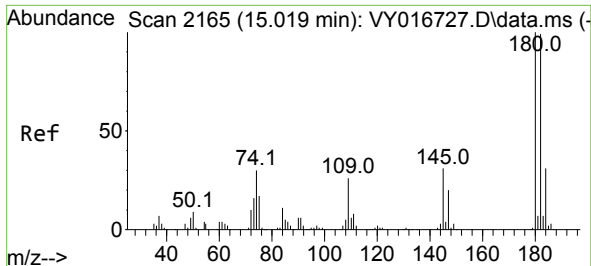
Ion Ratio Lower Upper

75 100

155 84.6 42.1 126.3

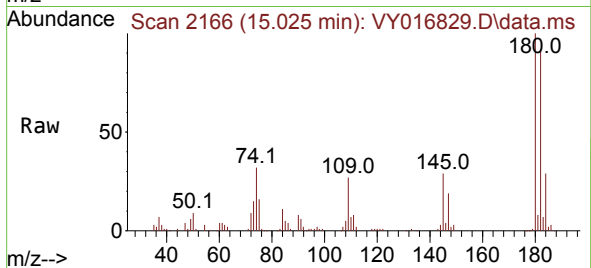
157 108.9 55.8 167.4



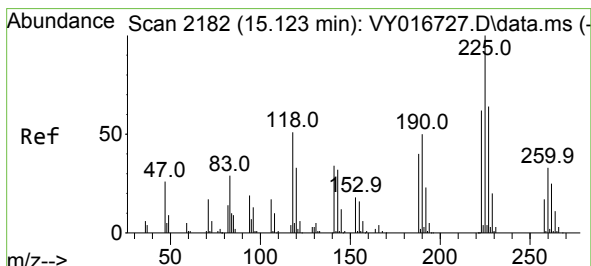
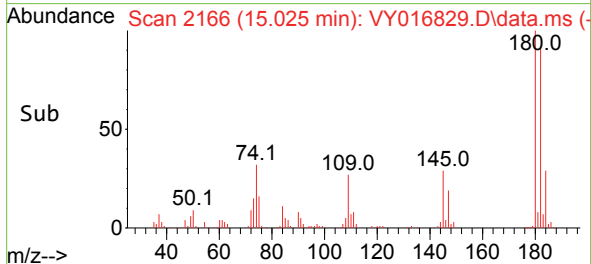
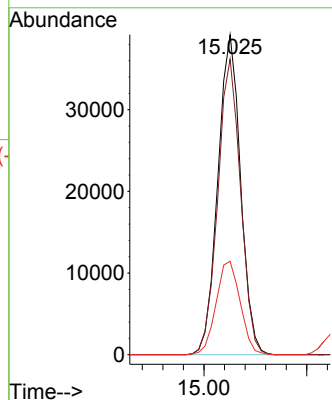


#93
 1,2,4-Trichlorobenzene
 Concen: 45.414 ug/l
 RT: 15.025 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Instrument :
 MSVOA_Y
 ClientSampleId :

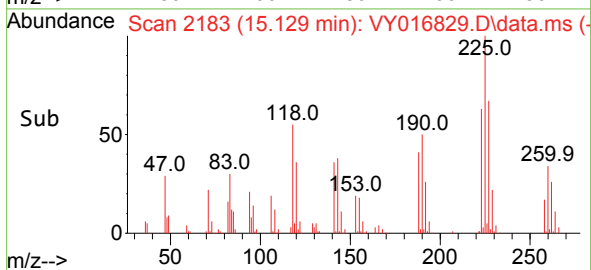
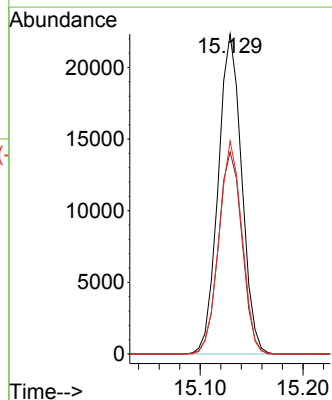
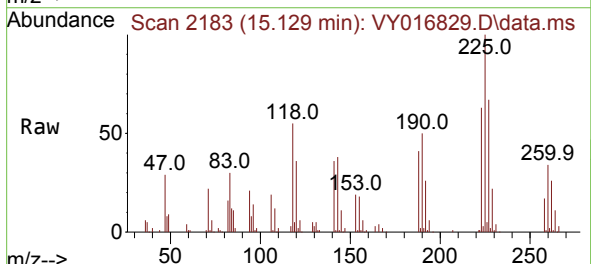


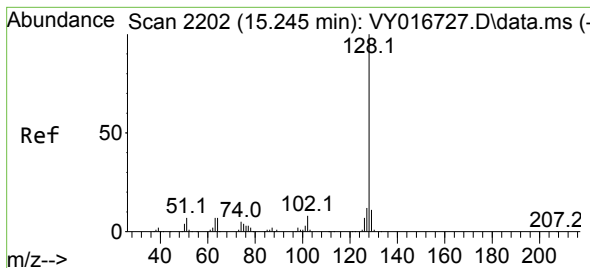
Tgt Ion:180 Resp: 60003
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.9 143.7
 145 31.1 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 47.160 ug/l
 RT: 15.129 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY016829.D
 Acq: 22 Dec 2023 23:24

Tgt Ion:225 Resp: 35391
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.4 94.3
 227 65.0 32.3 96.8





#95

Naphthalene

Concen: 39.113 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Instrument :

MSVOA_Y

ClientSampleId :

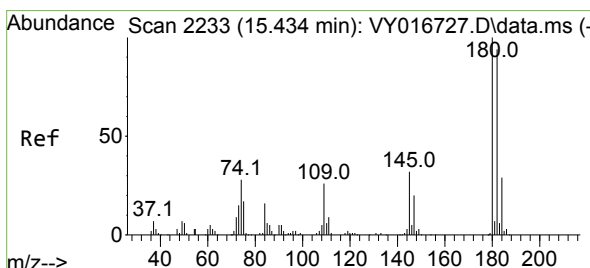
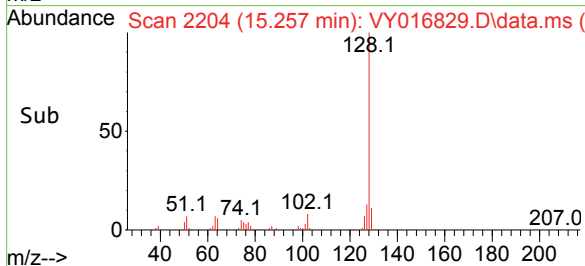
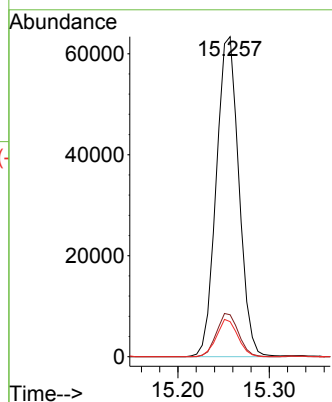
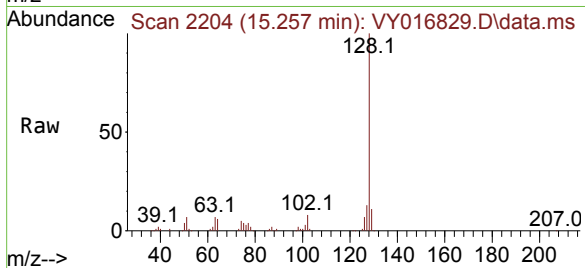
Tgt Ion:128 Resp: 108849

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 44.672 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016829.D

Acq: 22 Dec 2023 23:24

Tgt Ion:180 Resp: 50268

Ion Ratio Lower Upper

180 100

182 93.6 46.3 138.8

145 32.7 16.1 48.2

