

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018349.D
 Acq On : 22 May 2024 15:03
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: May 23 01:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:01:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	152342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	256476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	219541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99032	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29507	20.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.880%#
35) Dibromofluoromethane	7.704	113	31798	21.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.520%#
50) Toluene-d8	10.173	98	124143	21.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.580%#
62) 4-Bromofluorobenzene	12.477	95	38765	21.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	26016	20.008	ug/l	100
3) Chloromethane	2.101	50	42829	20.269	ug/l	98
4) Vinyl Chloride	2.241	62	44667	18.895	ug/l	97
5) Bromomethane	2.631	94	34985	20.700	ug/l	97
6) Chloroethane	2.784	64	30220	19.694	ug/l	94
7) Trichlorofluoromethane	3.107	101	52152	19.659	ug/l	93
8) Diethyl Ether	3.515	74	16313	19.258	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	30769	18.800	ug/l	97
10) Methyl Iodide	4.076	142	28773	17.482	ug/l	96
11) Tert butyl alcohol	4.924	59	18454	113.887	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	29613	18.371	ug/l	93
13) Acrolein	3.716	56	14134	110.122	ug/l	99
14) Allyl chloride	4.460	41	40694	18.076	ug/l	97
15) Acrylonitrile	5.149	53	35179	96.017	ug/l	98
16) Acetone	3.930	43	27300	91.964	ug/l #	85
17) Carbon Disulfide	4.180	76	78737	17.492	ug/l	98
18) Methyl Acetate	4.460	43	15012	19.079	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	75988	19.660	ug/l	95
20) Methylene Chloride	4.704	84	40061	20.591	ug/l #	92
21) trans-1,2-Dichloroethene	5.204	96	32417	19.064	ug/l	95
22) Diisopropyl ether	6.106	45	88058	18.823	ug/l	95
23) Vinyl Acetate	6.045	43	285550	95.324	ug/l	100
24) 1,1-Dichloroethane	5.997	63	54024	18.830	ug/l	98
25) 2-Butanone	6.972	43	46057	97.905	ug/l #	88
26) 2,2-Dichloropropane	6.966	77	47208	19.034	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	39090	19.563	ug/l	97
28) Bromochloromethane	7.326	49	18969	19.467	ug/l	98
29) Tetrahydrofuran	7.338	42	29957	96.749	ug/l	93
30) Chloroform	7.496	83	56534	19.332	ug/l	99
31) Cyclohexane	7.771	56	48068	17.269	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	50268	19.584	ug/l	99
36) 1,1-Dichloropropene	7.911	75	41241	19.014	ug/l	100
37) Ethyl Acetate	7.063	43	21534	20.754	ug/l	96
38) Carbon Tetrachloride	7.886	117	42922	19.321	ug/l	99
39) Methylcyclohexane	9.179	83	56577	18.699	ug/l	98
40) Benzene	8.149	78	128950	19.502	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018349.D
 Acq On : 22 May 2024 15:03
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: May 23 01:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:01:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	29104	50.729	ug/l #	25
42) 1,2-Dichloroethane	8.228	62	31487	19.797	ug/l	96
43) Isopropyl Acetate	8.264	43	40254	19.883	ug/l	94
44) Trichloroethene	8.935	130	34952	20.622	ug/l	92
45) 1,2-Dichloropropane	9.209	63	28682	19.287	ug/l	98
46) Dibromomethane	9.295	93	17629	20.202	ug/l	99
47) Bromodichloromethane	9.490	83	41812	19.743	ug/l	97
48) Methyl methacrylate	9.283	41	18911	20.651	ug/l	88
49) 1,4-Dioxane	9.301	88	4701	415.210	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	103379	101.180	ug/l	94
52) Toluene	10.240	92	83694	20.192	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	38437	19.852	ug/l	91
54) cis-1,3-Dichloropropene	9.923	75	46065	19.416	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	24097	20.844	ug/l	97
56) Ethyl methacrylate	10.502	69	33142	20.900	ug/l #	89
57) 1,3-Dichloropropane	10.782	76	38588	19.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	58080	81.057	ug/l	98
59) 2-Hexanone	10.825	43	73015	103.855	ug/l	95
60) Dibromochloromethane	10.977	129	29466	21.102	ug/l	99
61) 1,2-Dibromoethane	11.087	107	22331	20.934	ug/l	99
64) Tetrachloroethene	10.715	164	31627	20.308	ug/l	99
65) Chlorobenzene	11.514	112	92367	20.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	29957	20.880	ug/l	98
67) Ethyl Benzene	11.587	91	159179	19.986	ug/l	98
68) m/p-Xylenes	11.697	106	124606	40.662	ug/l	98
69) o-Xylene	12.026	106	59698	20.643	ug/l	97
70) Styrene	12.038	104	98347	20.573	ug/l	99
71) Bromoform	12.203	173	15796	20.815	ug/l #	98
73) Isopropylbenzene	12.325	105	154293	19.823	ug/l	99
74) N-amyl acetate	12.142	43	35521	19.560	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	27353	20.624	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	33174	36.030	ug/l #	100
77) Bromobenzene	12.605	156	34247	20.089	ug/l	98
78) n-propylbenzene	12.666	91	183122	19.648	ug/l	100
79) 2-Chlorotoluene	12.751	91	99155	19.651	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	121730	19.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8905	20.585	ug/l	98
82) 4-Chlorotoluene	12.849	91	101580	19.856	ug/l	98
83) tert-Butylbenzene	13.068	119	112819	19.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	121201	20.148	ug/l	99
85) sec-Butylbenzene	13.251	105	169689	20.293	ug/l	100
86) p-Isopropyltoluene	13.367	119	137235	20.064	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	68656	20.452	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	68048	20.366	ug/l	98
89) n-Butylbenzene	13.690	91	127223	19.793	ug/l	98
90) Hexachloroethane	13.959	117	25574	20.247	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	61227	21.019	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3740	20.560	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	34851	21.004	ug/l	98
94) Hexachlorobutadiene	15.111	225	17873	21.049	ug/l	98
95) Naphthalene	15.233	128	70716	21.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	30550	21.657	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
Data File : VY018349.D
Acq On : 22 May 2024 15:03
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: May 23 01:22:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:01:50 2024
Response via : Initial Calibration

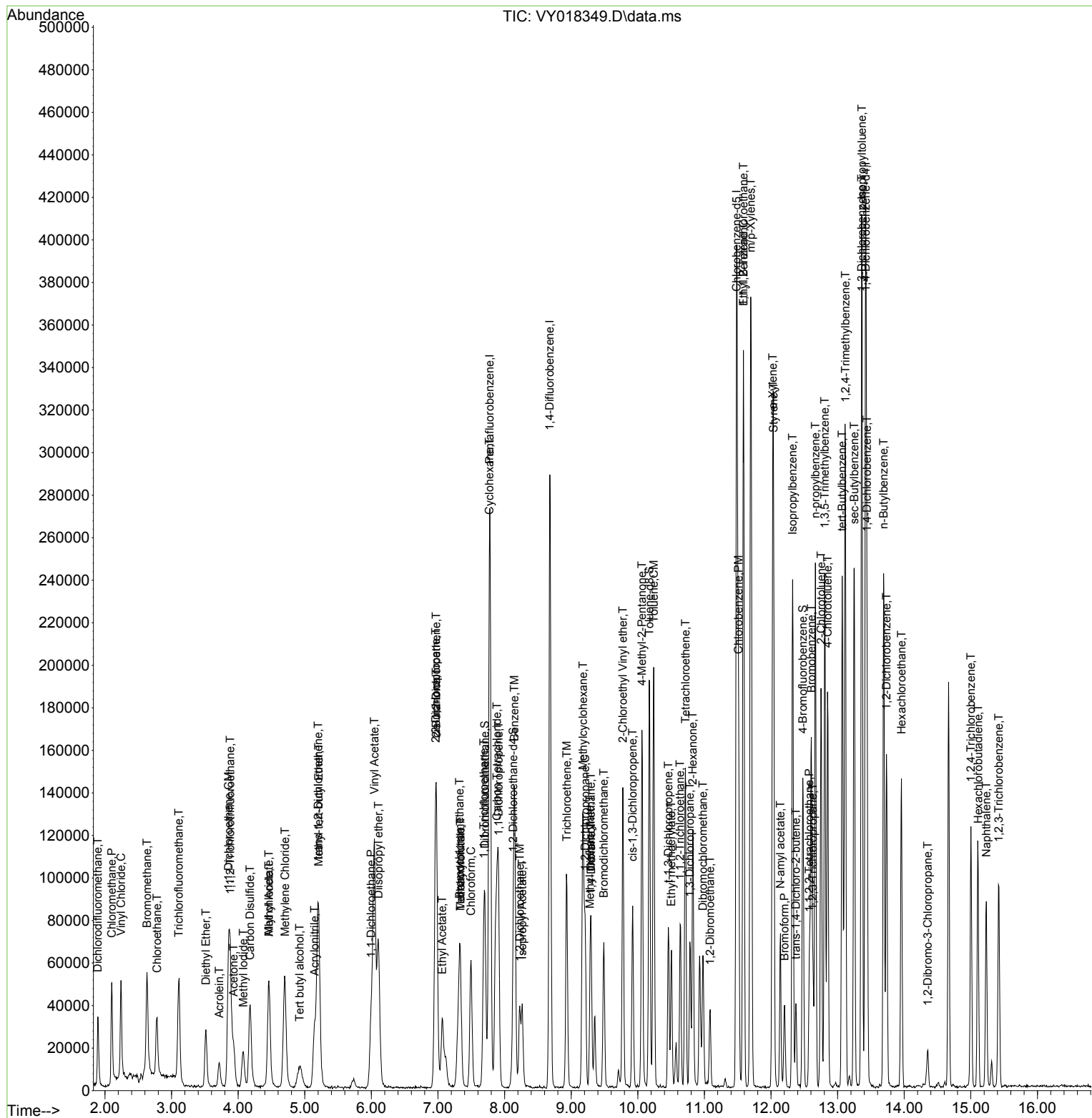
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

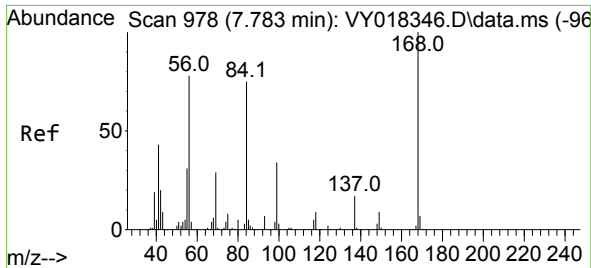
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018349.D
 Acq On : 22 May 2024 15:03
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: May 23 01:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:01:50 2024
 Response via : Initial Calibration

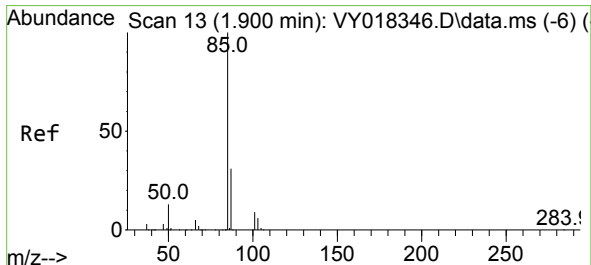
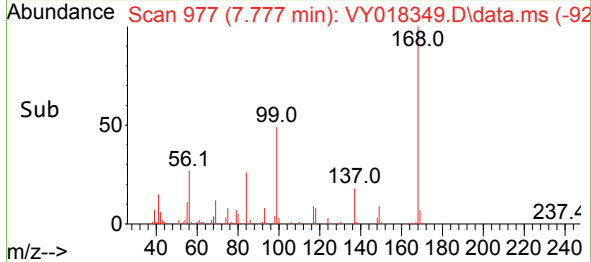
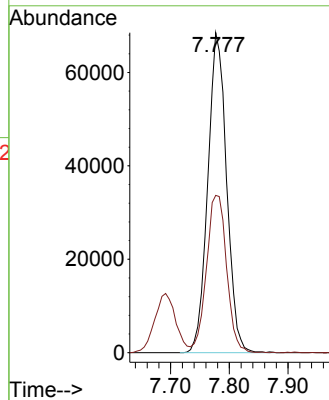
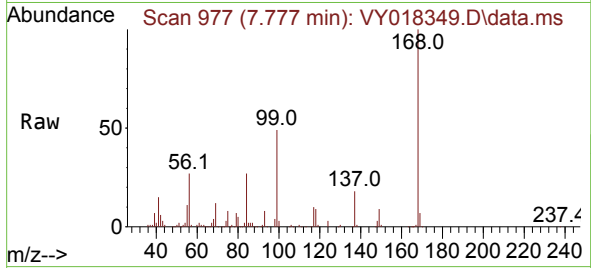




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

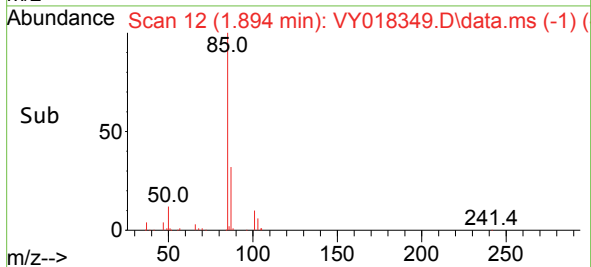
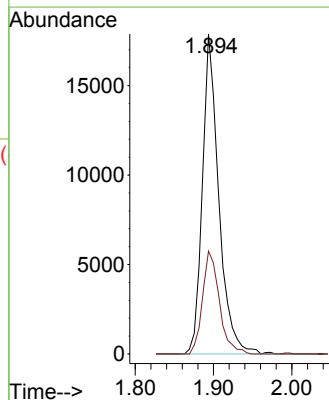
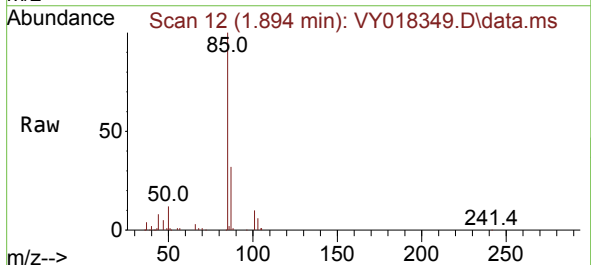
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

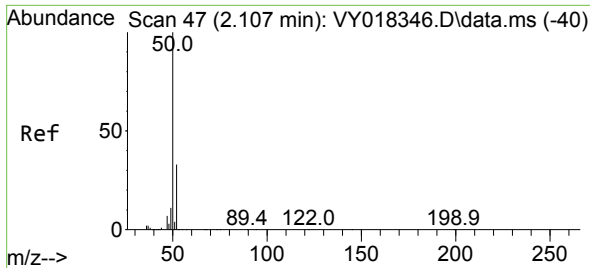
Tgt Ion:168 Resp: 152342
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.008 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 85 Resp: 26016
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0

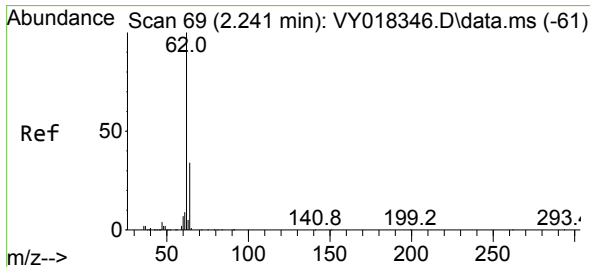
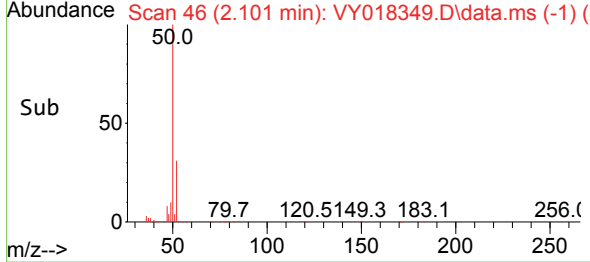
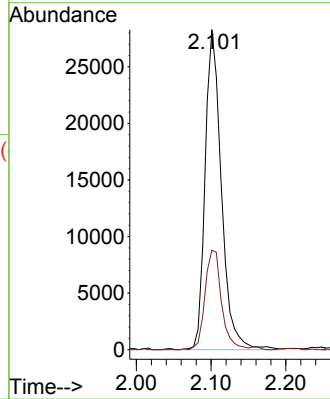
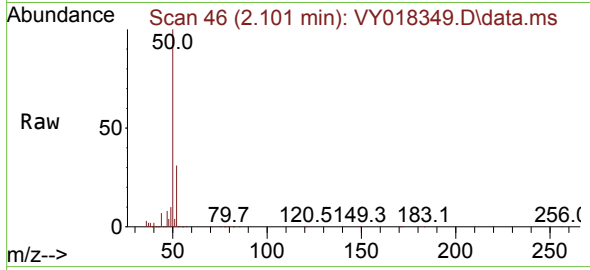




#3
Chloromethane
Concen: 20.269 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

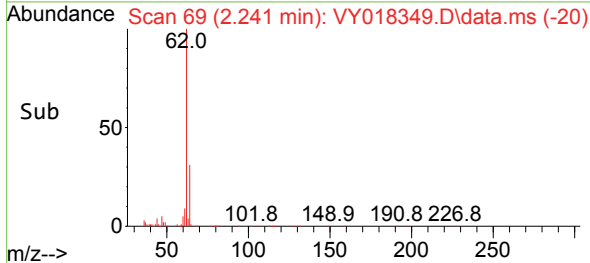
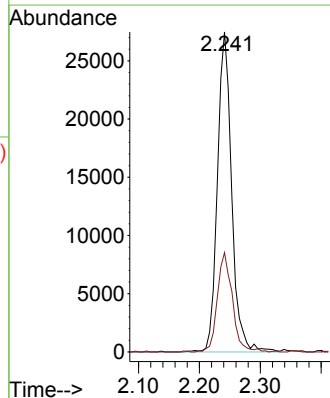
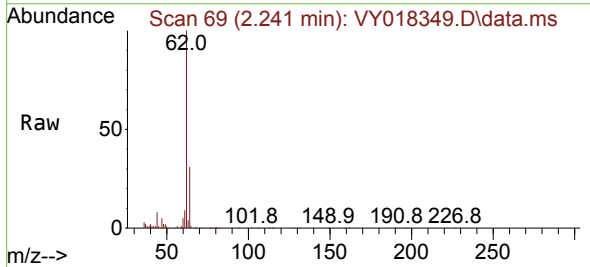
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

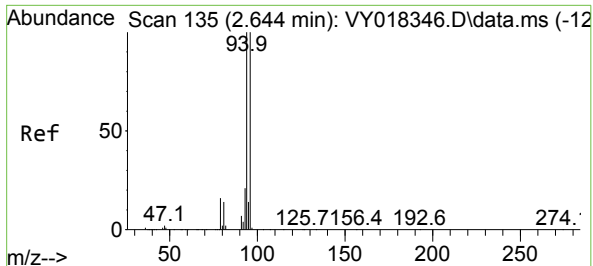
Tgt Ion: 50 Resp: 42829
Ion Ratio Lower Upper
50 100
52 31.1 25.6 38.4



#4
Vinyl Chloride
Concen: 18.895 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 62 Resp: 44667
Ion Ratio Lower Upper
62 100
64 31.0 26.1 39.1

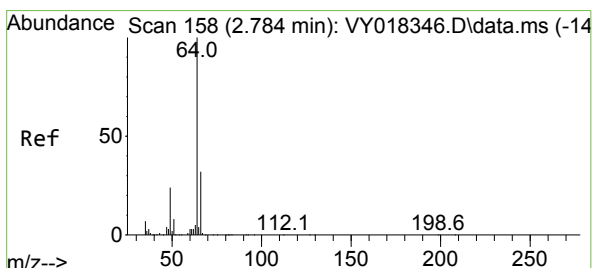
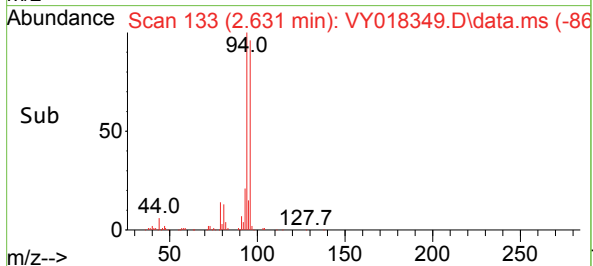
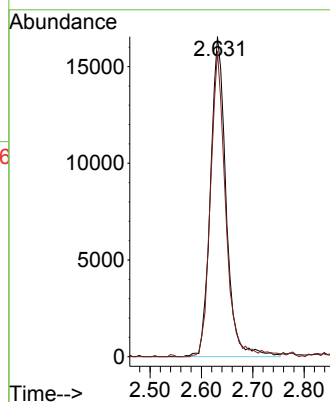
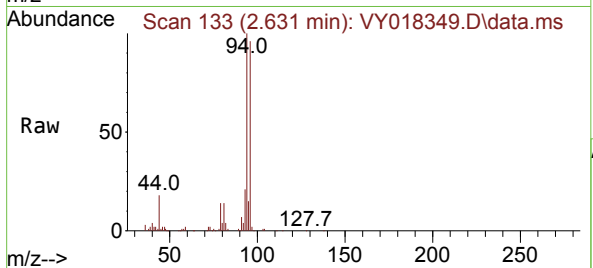




#5
Bromomethane
Concen: 20.700 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

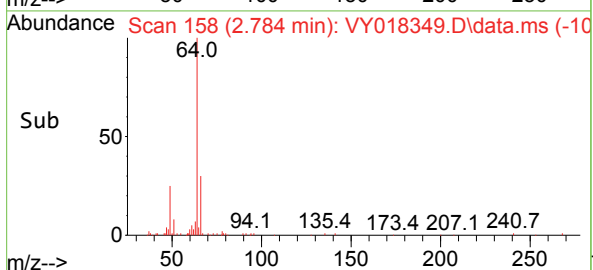
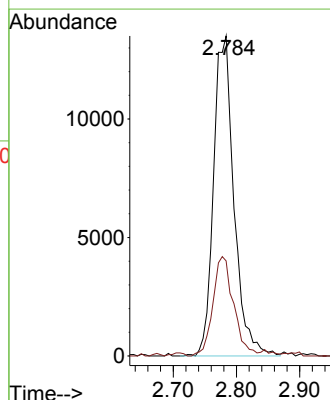
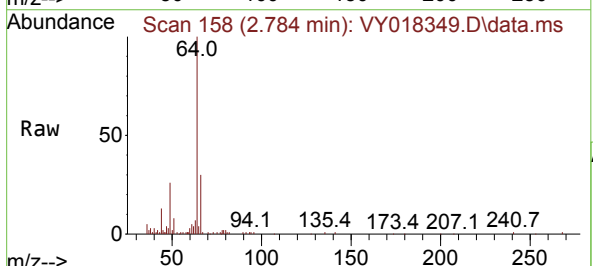
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

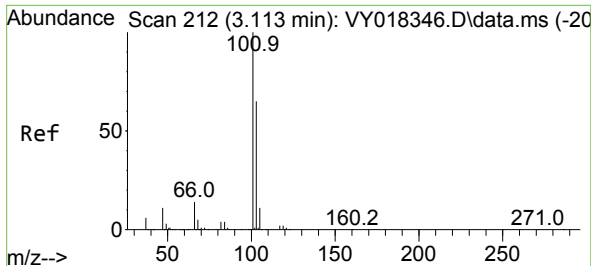
Tgt Ion: 94 Resp: 34985
Ion Ratio Lower Upper
94 100
96 95.6 74.1 111.1



#6
Chloroethane
Concen: 19.694 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 64 Resp: 30220
Ion Ratio Lower Upper
64 100
66 29.2 26.1 39.1

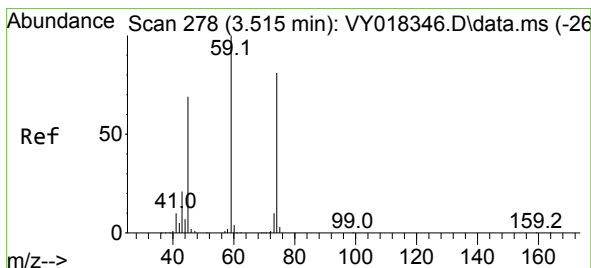
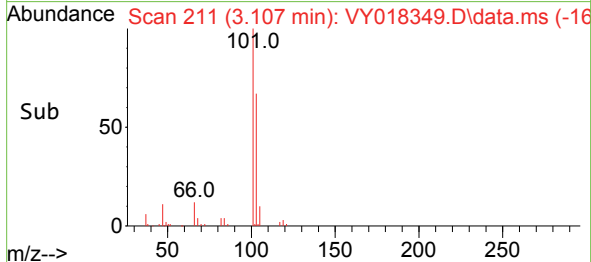
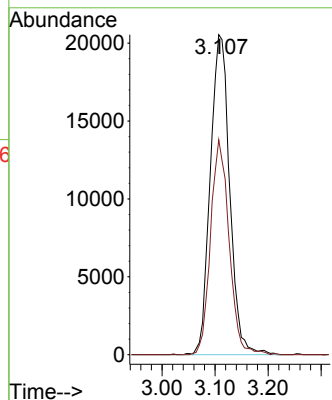
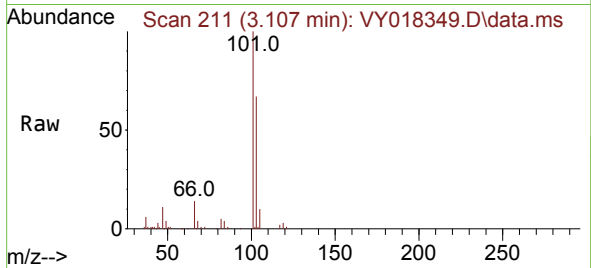




#7
Trichlorofluoromethane
Concen: 19.659 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

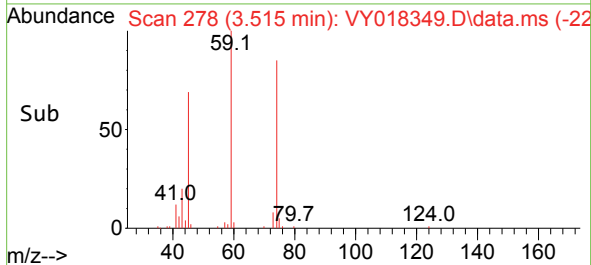
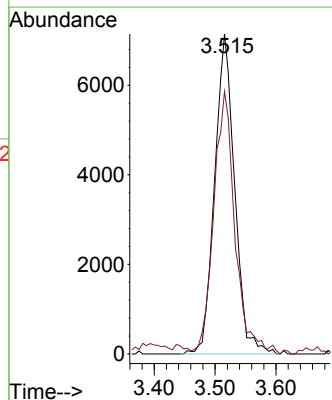
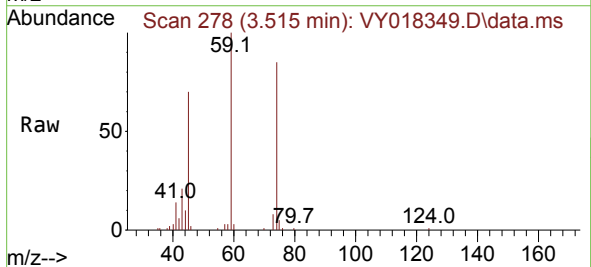
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

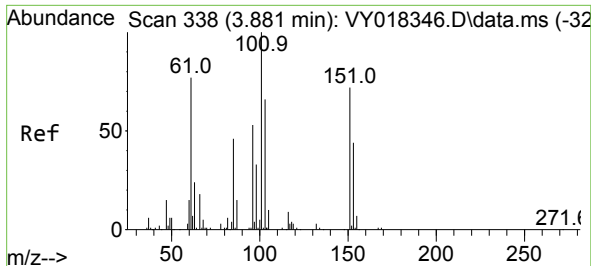
Tgt Ion:101 Resp: 52152
Ion Ratio Lower Upper
101 100
103 67.2 49.3 73.9



#8
Diethyl Ether
Concen: 19.258 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 74 Resp: 16313
Ion Ratio Lower Upper
74 100
45 87.1 41.3 124.1

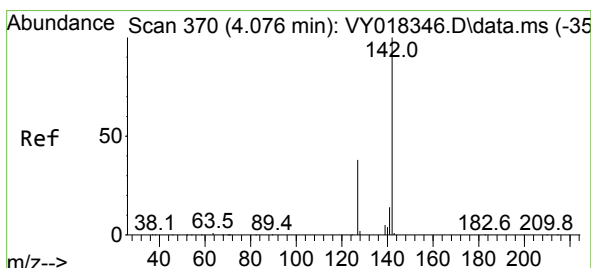
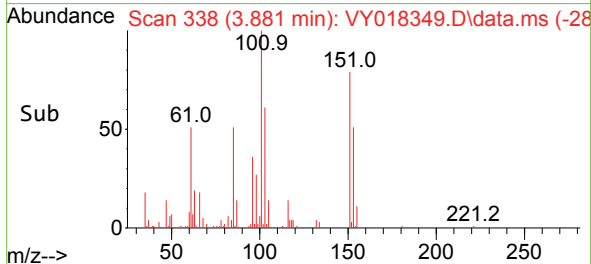
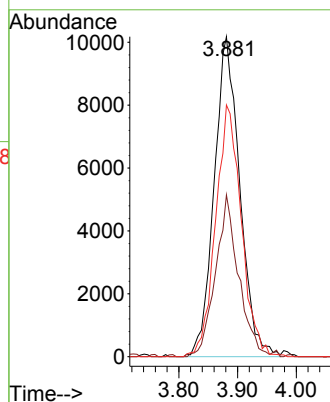
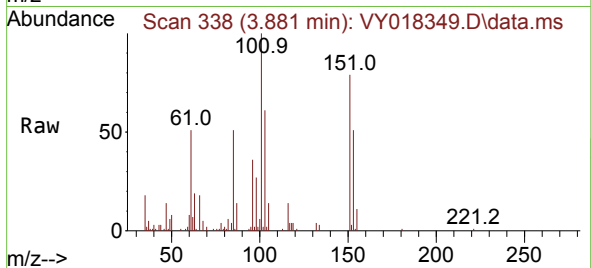




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.800 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

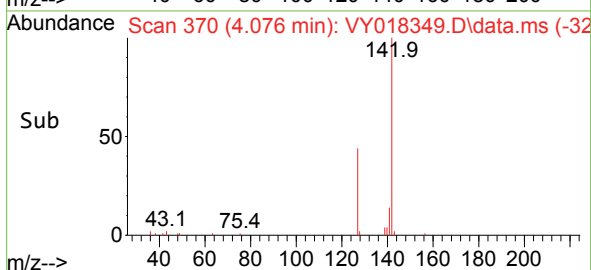
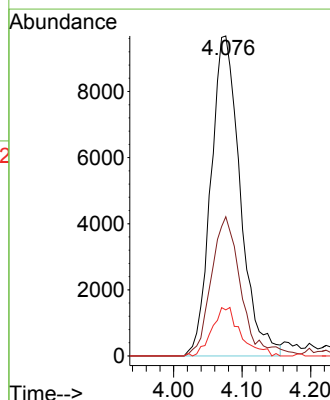
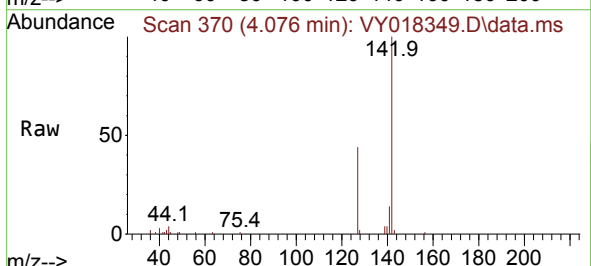
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

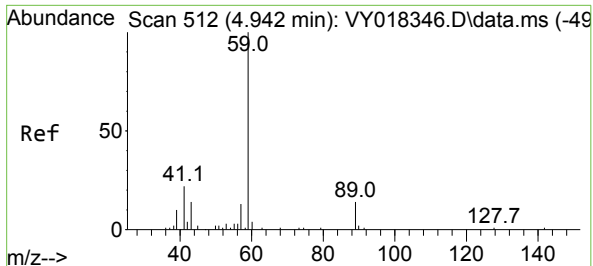
Tgt Ion:	101	Resp:	30769
Ion	Ratio	Lower	Upper
101	100		
85	45.5	34.5	51.7
151	79.1	61.7	92.5



#10
Methyl Iodide
Concen: 17.482 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion:	142	Resp:	28773
Ion	Ratio	Lower	Upper
142	100		
127	44.2	32.8	49.2
141	14.9	11.4	17.2

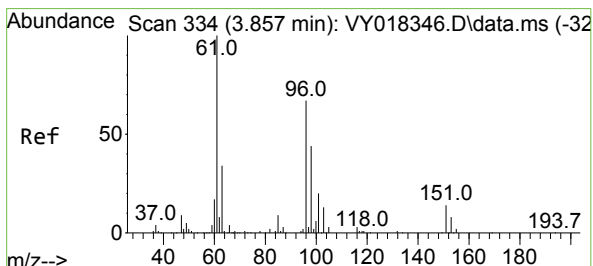
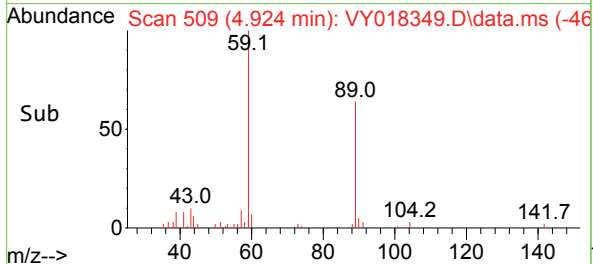
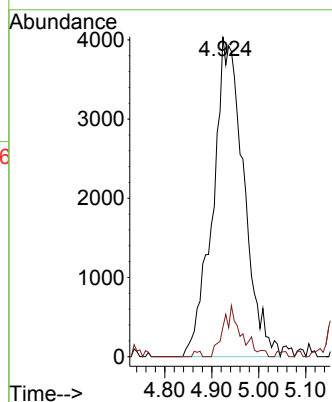
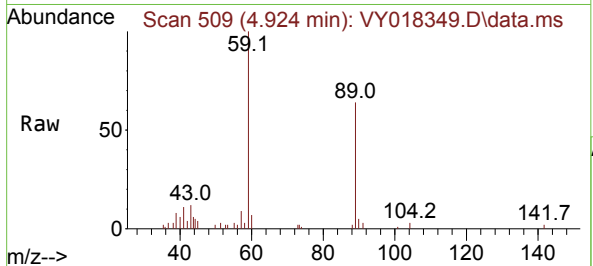




#11
Tert butyl alcohol
Concen: 113.887 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

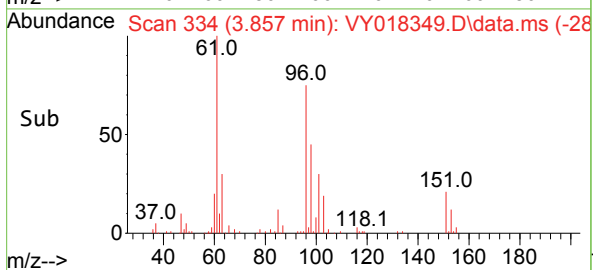
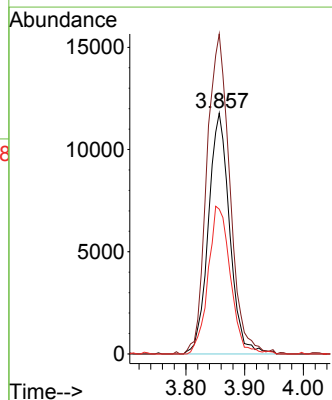
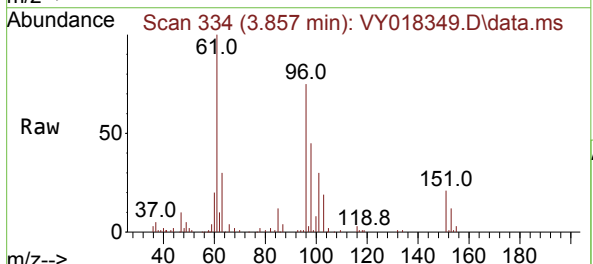
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

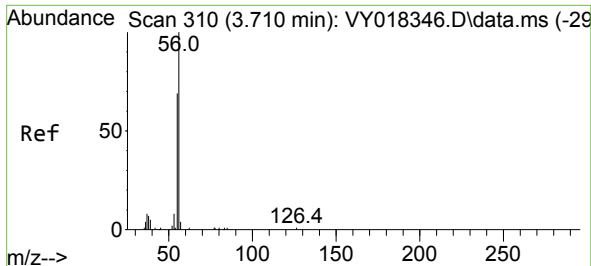
Tgt Ion: 59 Resp: 18454
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.371 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 96 Resp: 29613
Ion Ratio Lower Upper
96 100
61 132.9 114.6 171.8
98 60.1 50.8 76.2





#13

Acrolein

Concen: 110.122 ug/l

RT: 3.716 min Scan# 310

Delta R.T. 0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

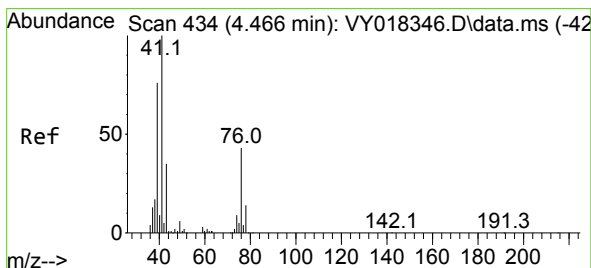
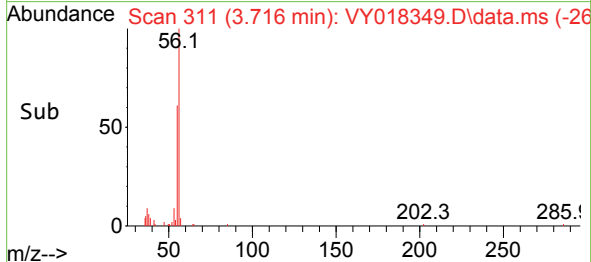
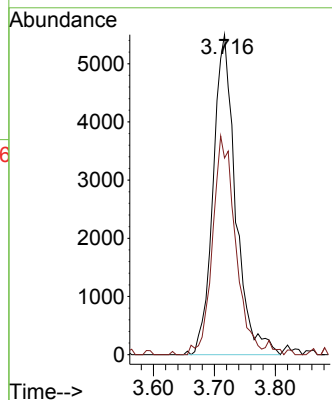
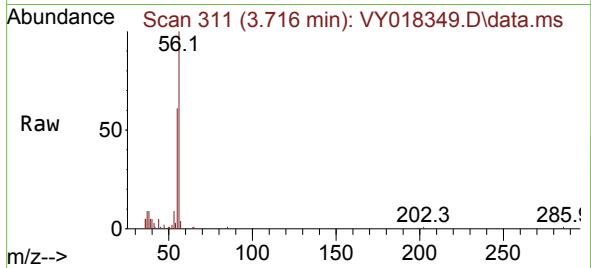
VSTDICC020

Tgt Ion: 56 Resp: 14134

Ion Ratio Lower Upper

56 100

55 69.2 55.7 83.5



#14

Allyl chloride

Concen: 18.076 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

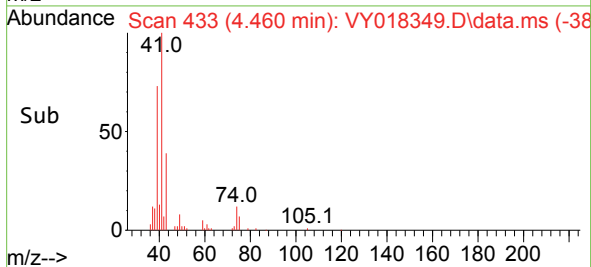
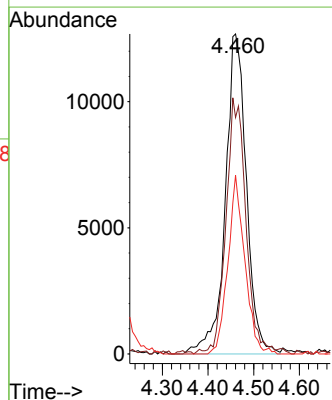
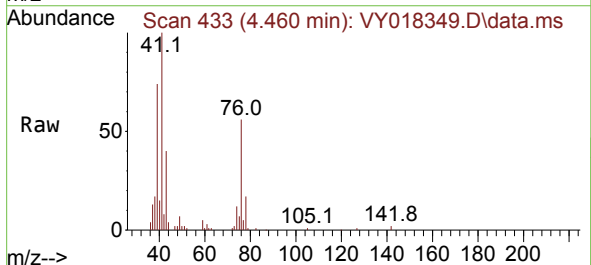
Tgt Ion: 41 Resp: 40694

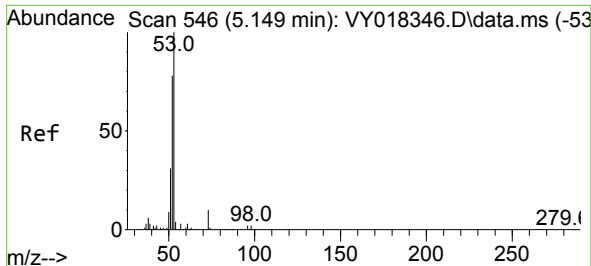
Ion Ratio Lower Upper

41 100

39 72.5 58.3 87.5

76 45.0 39.0 58.6

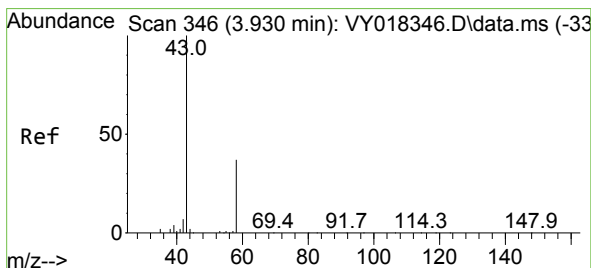
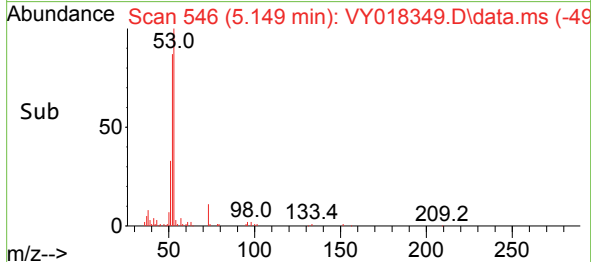
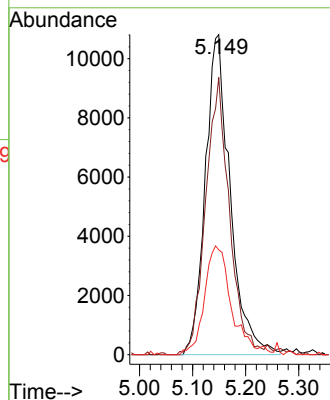
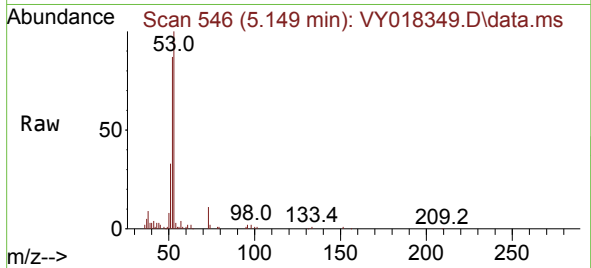




#15
Acrylonitrile
Concen: 96.017 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

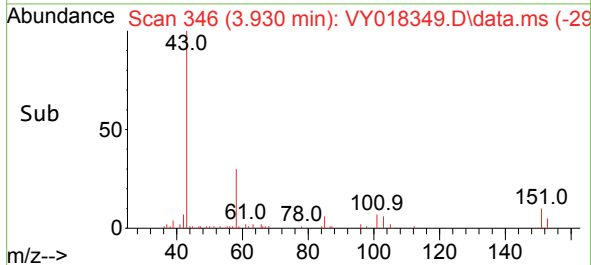
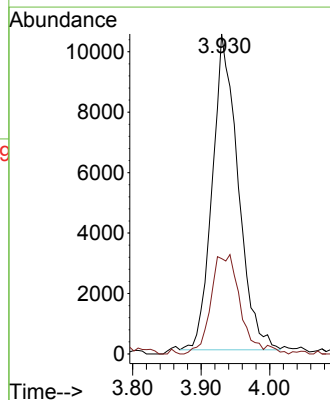
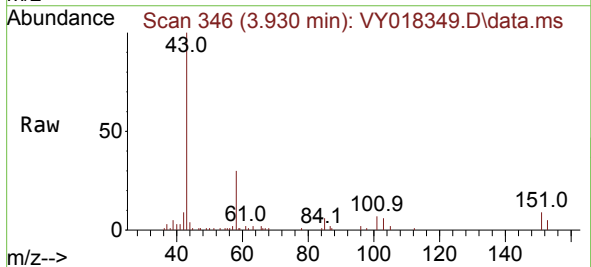
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

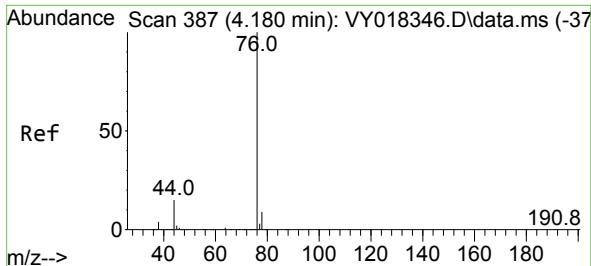
Tgt Ion: 53	Resp:	35179
Ion	Ratio	Lower Upper
53	100	
52	82.5	64.7 97.1
51	36.2	28.4 42.6



#16
Acetone
Concen: 91.964 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 43	Resp:	27300
Ion	Ratio	Lower Upper
43	100	
58	30.2	31.7 47.5

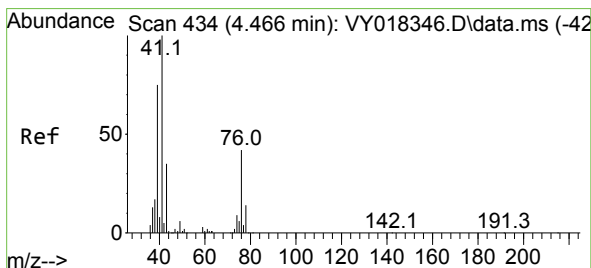
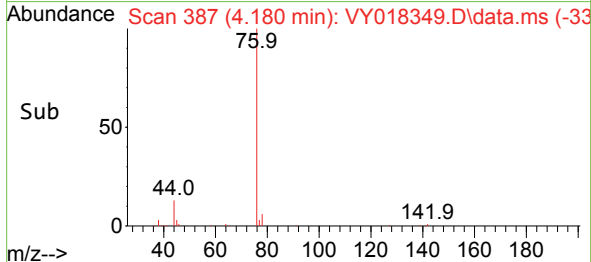
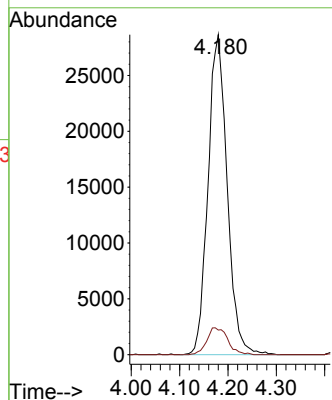
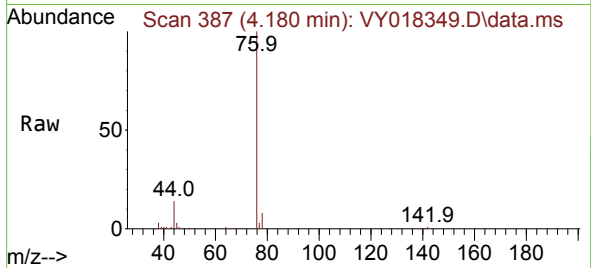




#17
Carbon Disulfide
Concen: 17.492 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

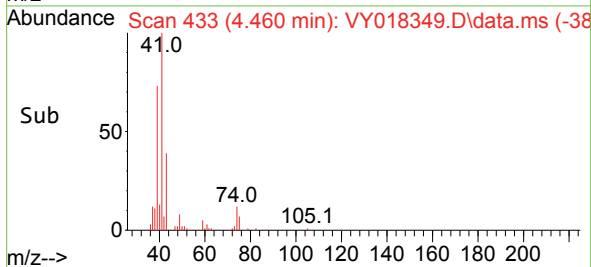
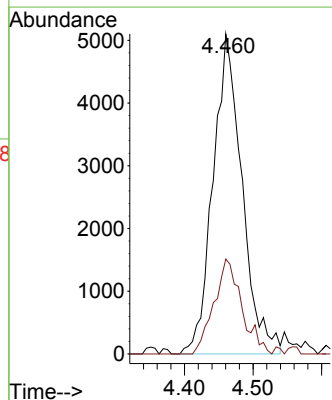
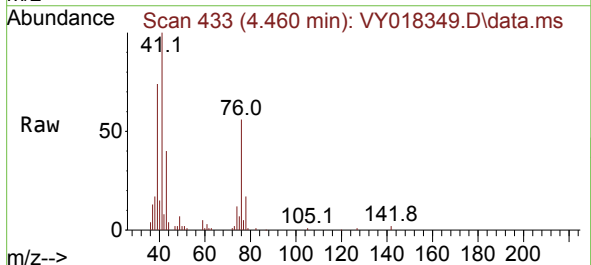
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

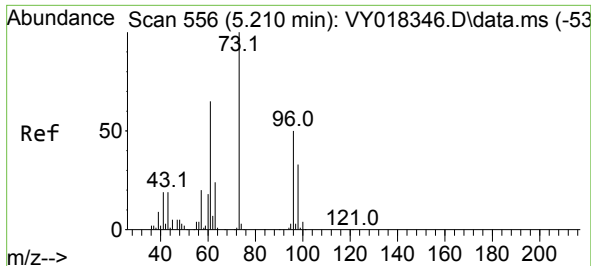
Tgt Ion: 76 Resp: 78737
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#18
Methyl Acetate
Concen: 19.079 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 43 Resp: 15012
Ion Ratio Lower Upper
43 100
74 28.3 23.3 34.9

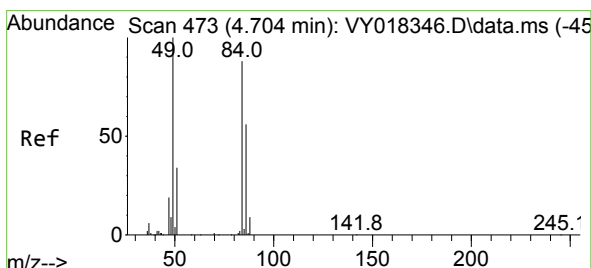
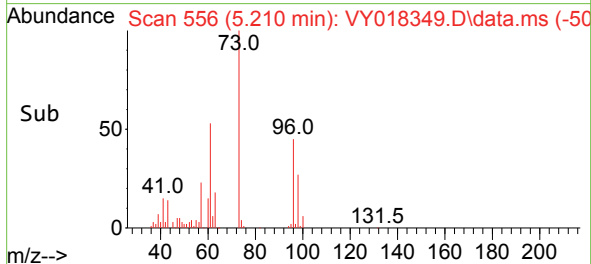
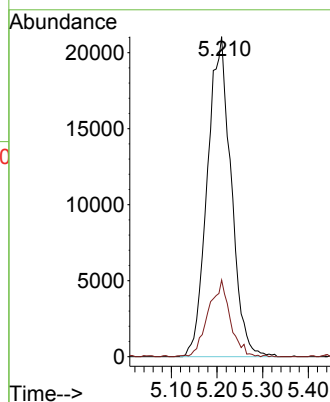
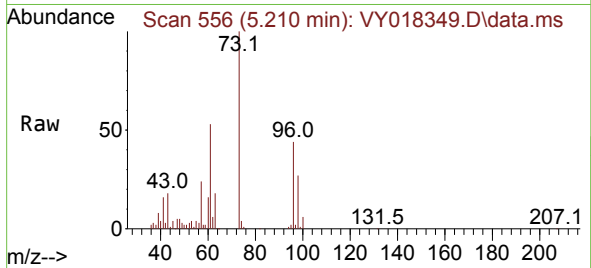




#19
Methyl tert-butyl Ether
Concen: 19.660 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

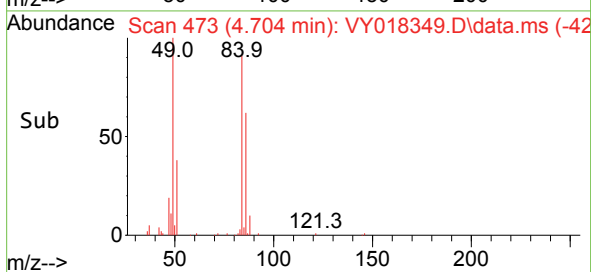
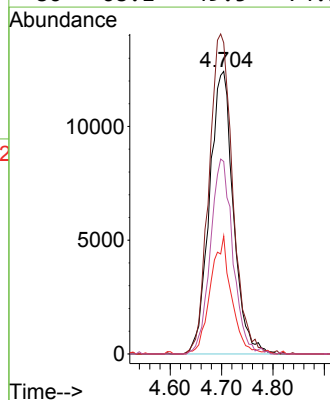
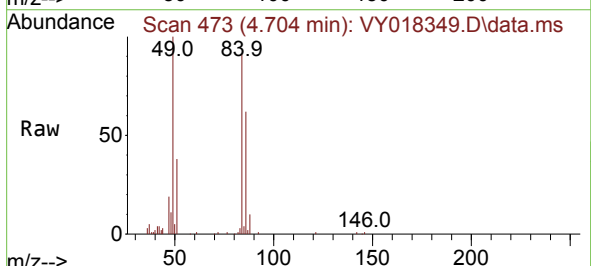
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

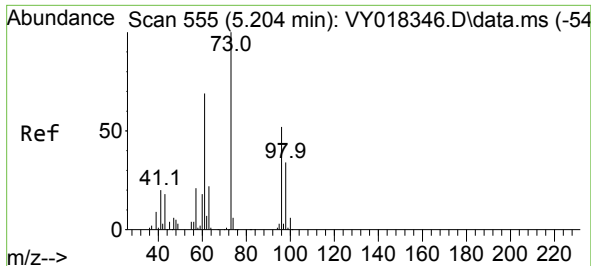
Tgt Ion: 73 Resp: 75988
Ion Ratio Lower Upper
73 100
57 24.0 17.3 25.9



#20
Methylene Chloride
Concen: 20.591 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 84 Resp: 40061
Ion Ratio Lower Upper
84 100
49 110.1 84.4 126.6
51 41.7 26.0 39.0#
86 68.1 49.5 74.3

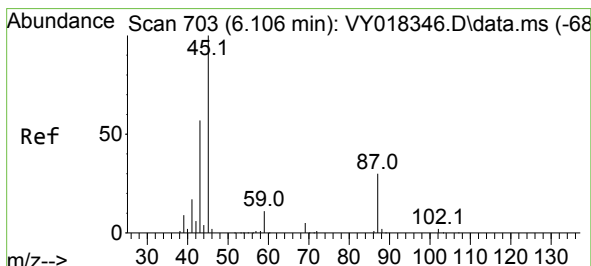
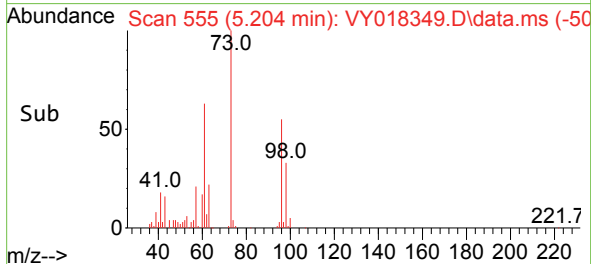
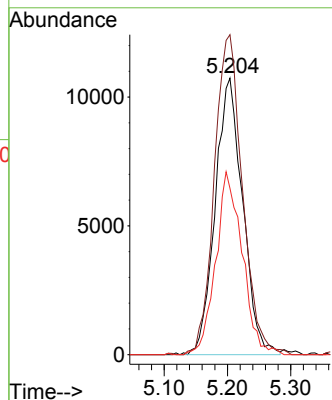
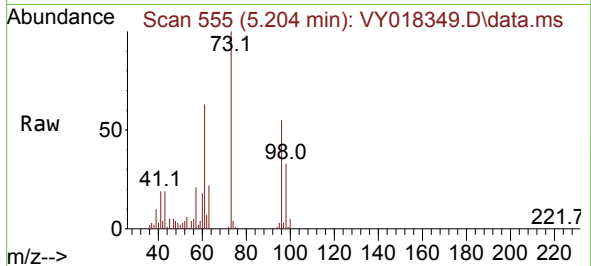




#21
trans-1,2-Dichloroethene
Concen: 19.064 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

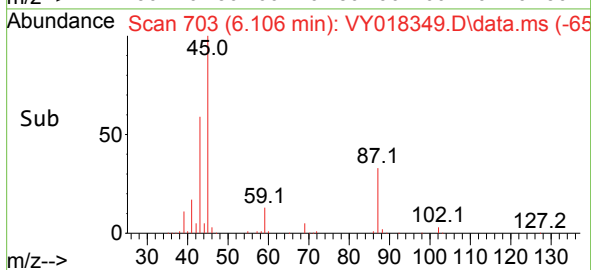
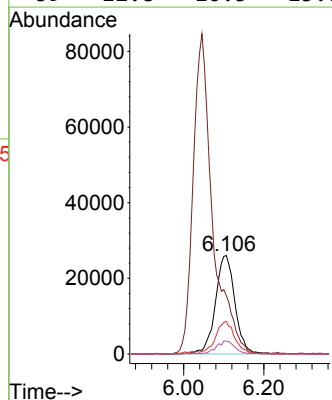
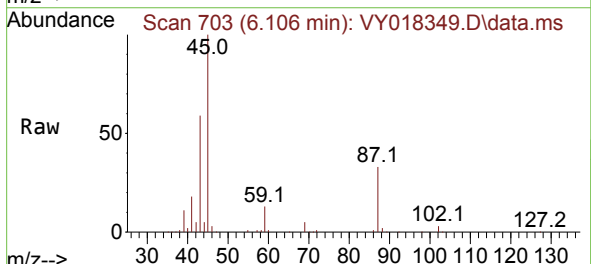
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

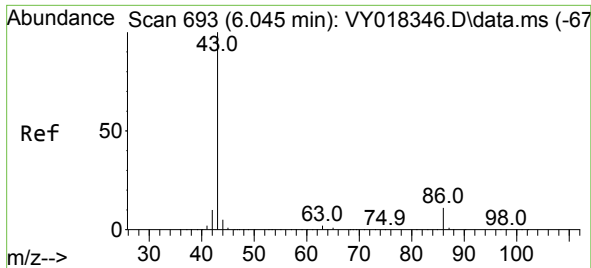
Tgt Ion: 96 Resp: 32417
Ion Ratio Lower Upper
96 100
61 115.7 97.5 146.3
98 60.2 50.5 75.7



#22
Diisopropyl ether
Concen: 18.823 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 45 Resp: 88058
Ion Ratio Lower Upper
45 100
43 58.2 42.2 63.2
87 33.1 25.0 37.6
59 12.8 10.5 15.7

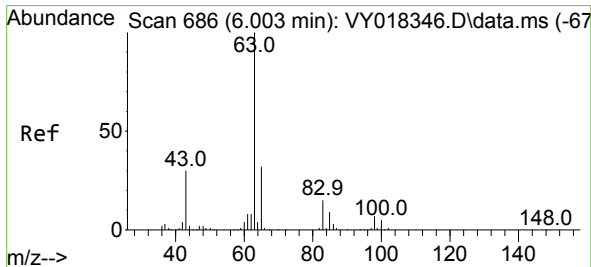
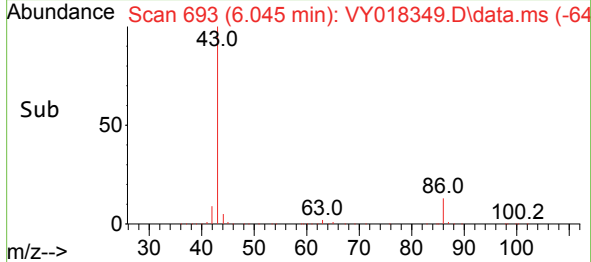
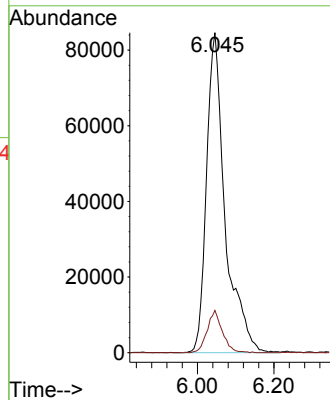
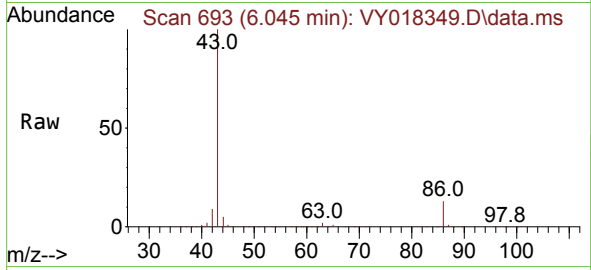




#23
 Vinyl Acetate
 Concen: 95.324 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018349.D
 Acq: 22 May 2024 15:03

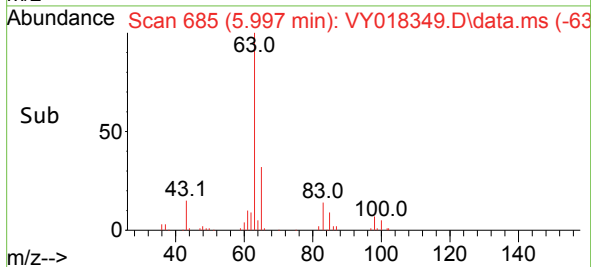
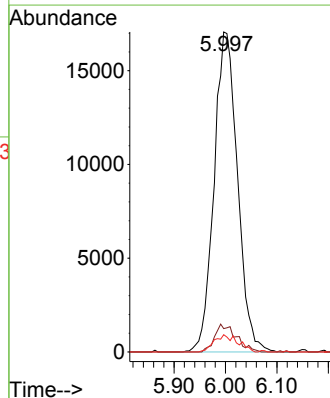
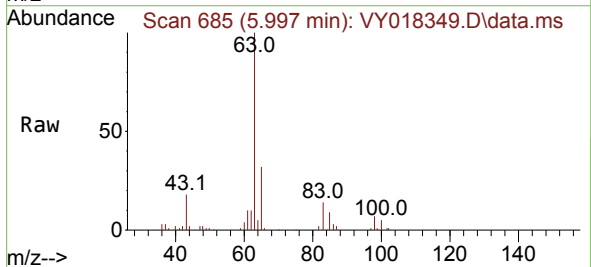
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

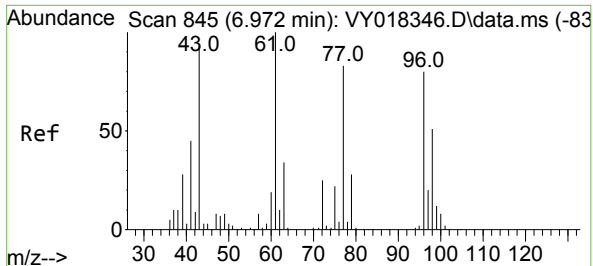
Tgt Ion: 43 Resp: 285550
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.830 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY018349.D
 Acq: 22 May 2024 15:03

Tgt Ion: 63 Resp: 54024
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 97.905 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

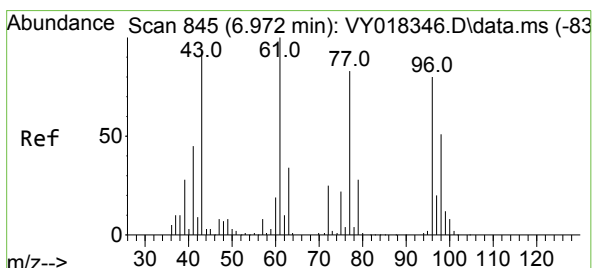
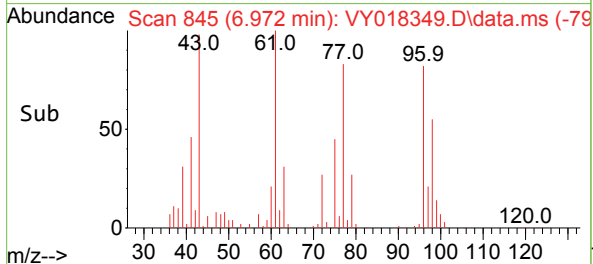
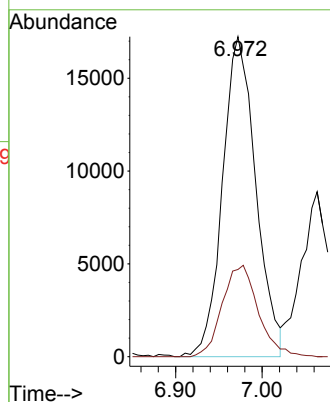
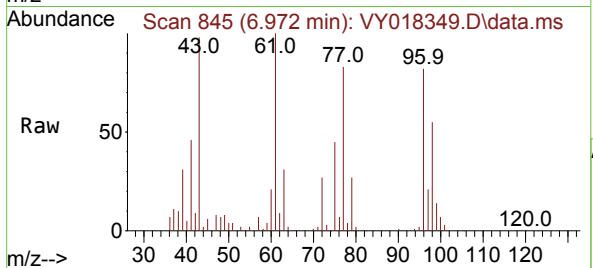
VSTDICC020

Tgt Ion: 43 Resp: 46057

Ion Ratio Lower Upper

43 100

72 27.2 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 19.034 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018349.D

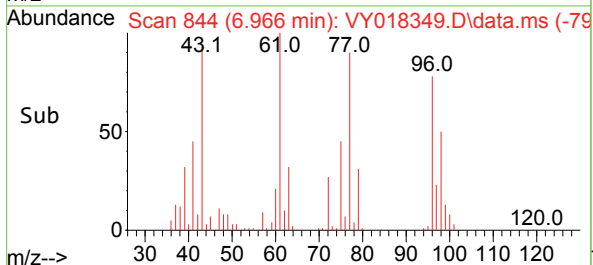
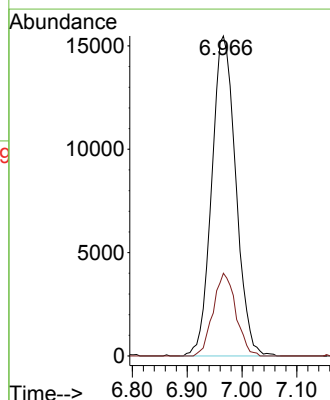
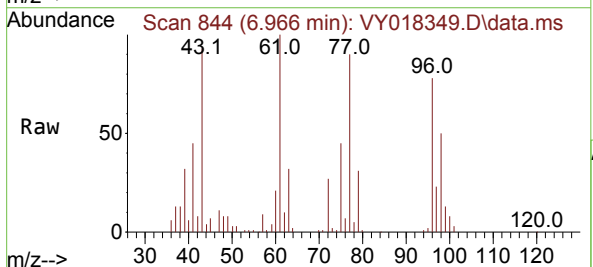
Acq: 22 May 2024 15:03

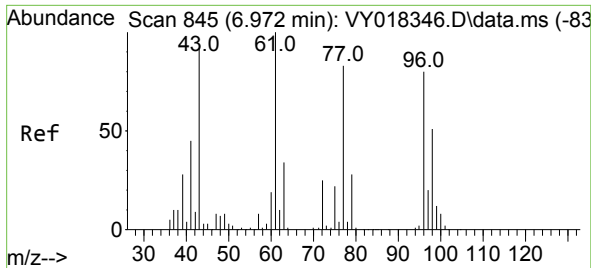
Tgt Ion: 77 Resp: 47208

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1

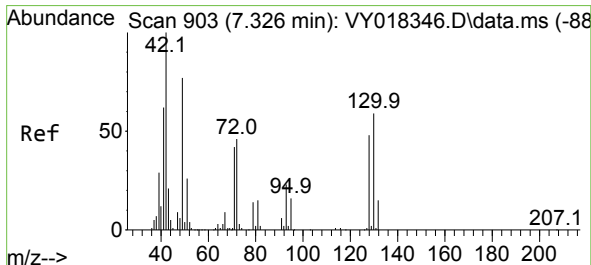
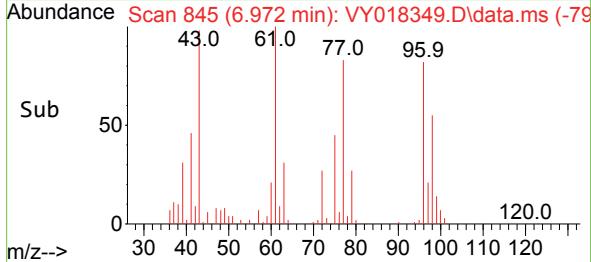
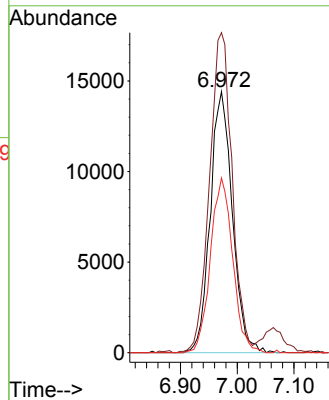
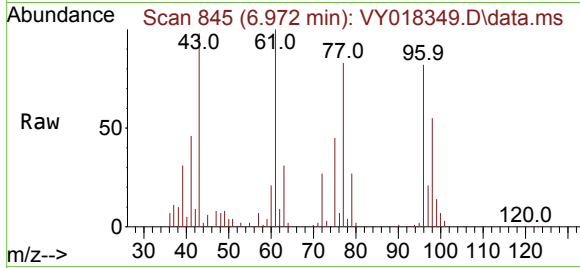




#27
 cis-1,2-Dichloroethene
 Concen: 19.563 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY018349.D
 Acq: 22 May 2024 15:03

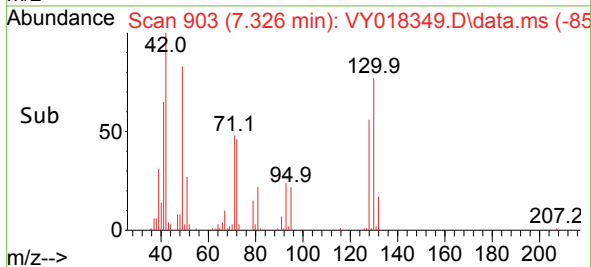
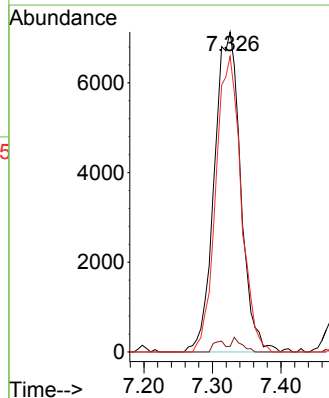
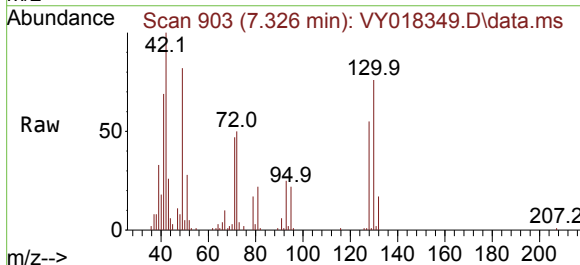
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

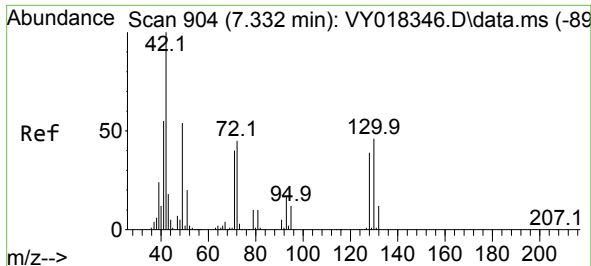
Tgt Ion: 96	Resp:	39090
Ion	Ratio	Lower Upper
96	100	
61	125.2	0.0 256.2
98	67.1	0.0 130.0



#28
 Bromochloromethane
 Concen: 19.467 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY018349.D
 Acq: 22 May 2024 15:03

Tgt Ion: 49	Resp:	18969
Ion	Ratio	Lower Upper
49	100	
129	1.8	0.0 4.6
130	88.6	72.7 109.1





#29

Tetrahydrofuran

Concen: 96.749 ug/l

RT: 7.338 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

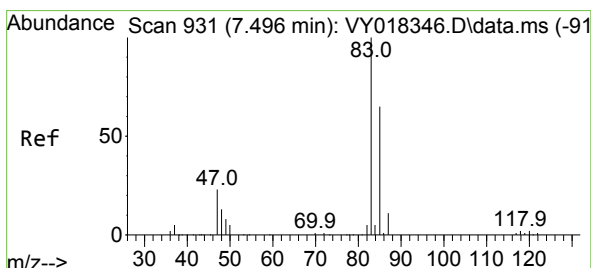
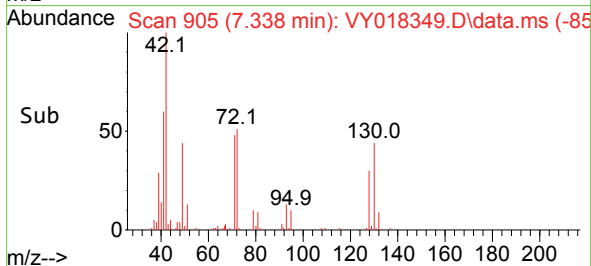
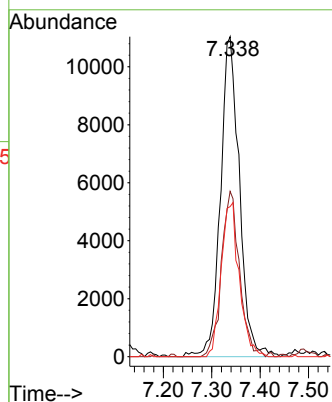
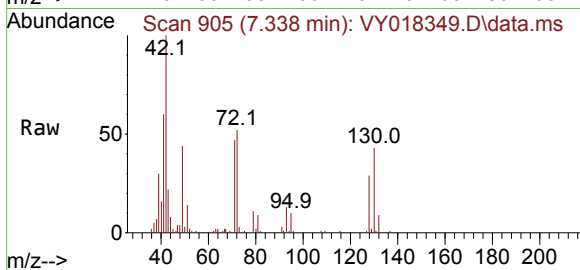
Tgt Ion: 42 Resp: 29957

Ion Ratio Lower Upper

42 100

72 49.5 43.0 64.4

71 46.0 40.8 61.2



#30

Chloroform

Concen: 19.332 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018349.D

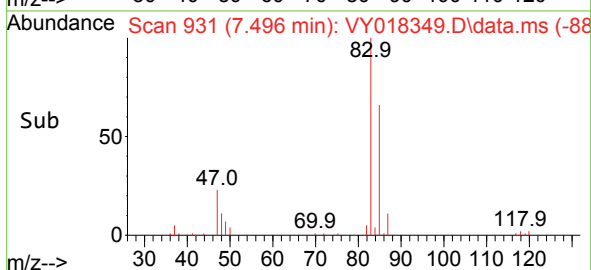
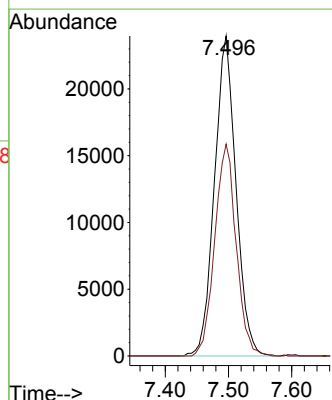
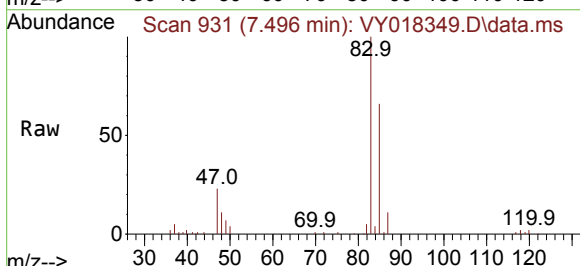
Acq: 22 May 2024 15:03

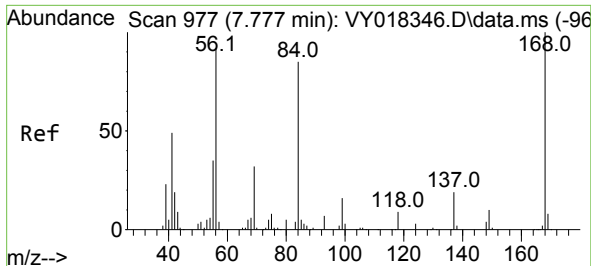
Tgt Ion: 83 Resp: 56534

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

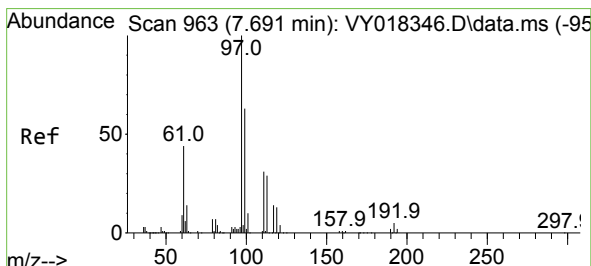
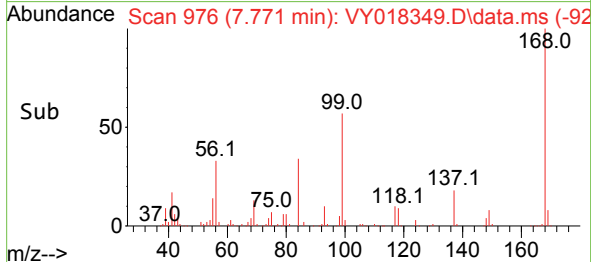
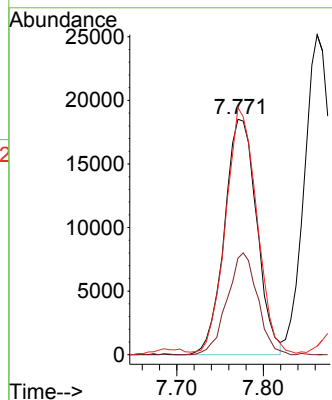
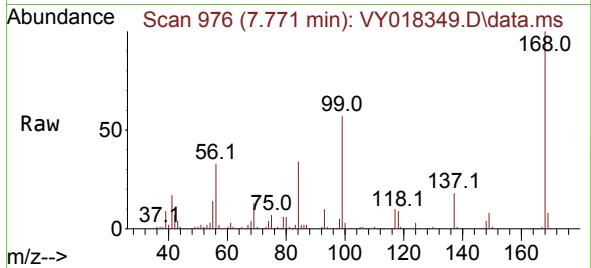




#31
Cyclohexane
Concen: 17.269 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

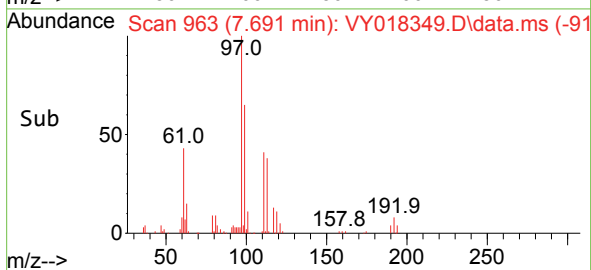
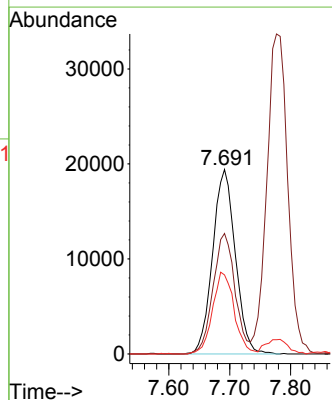
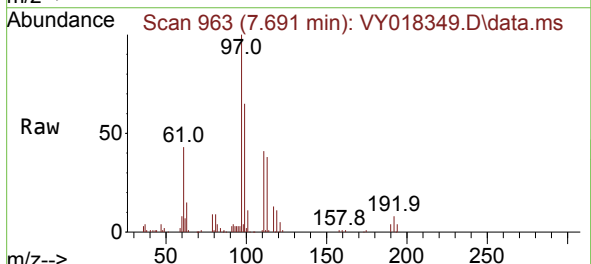
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

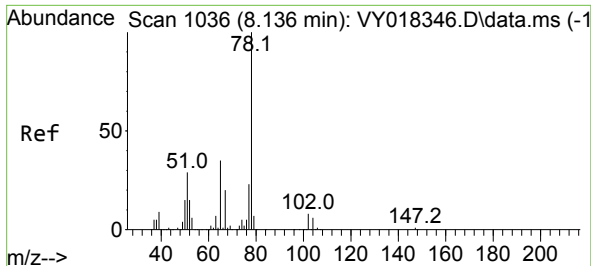
Tgt Ion: 56 Resp: 48068
Ion Ratio Lower Upper
56 100
69 41.0 28.7 43.1
84 102.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.584 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 97 Resp: 50268
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 42.2 32.6 48.8

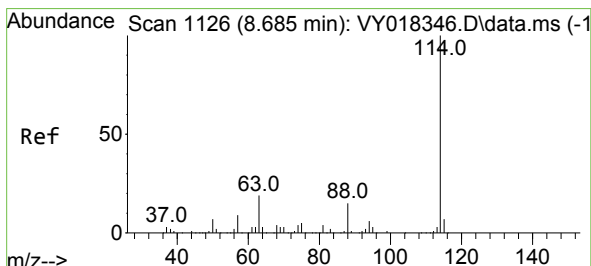
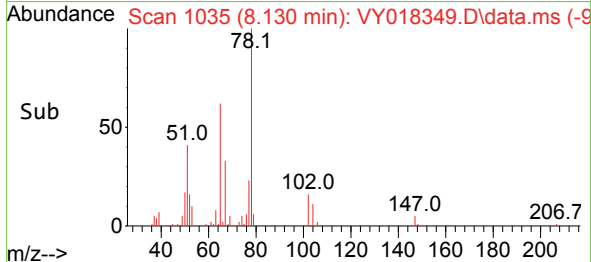
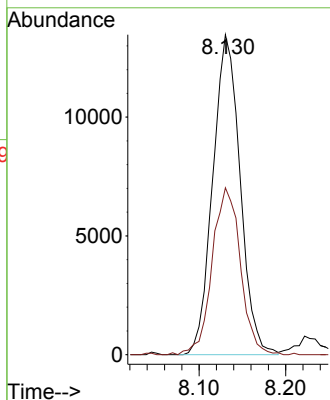
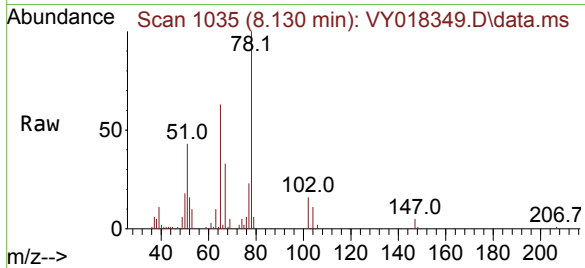




#33
 1,2-Dichloroethane-d4
 Concen: 20.444 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY018349.D
 Acq: 22 May 2024 15:03

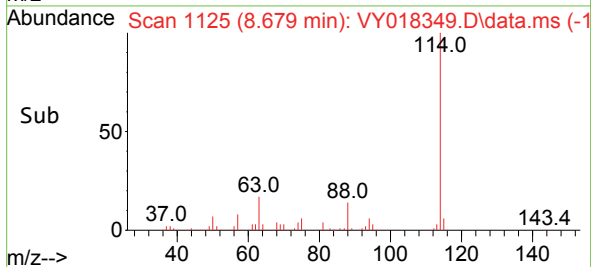
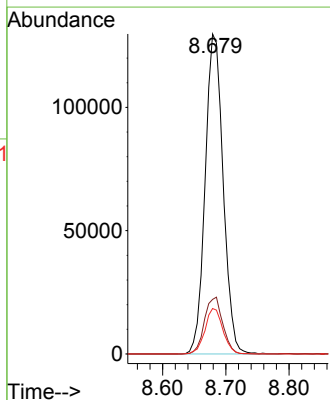
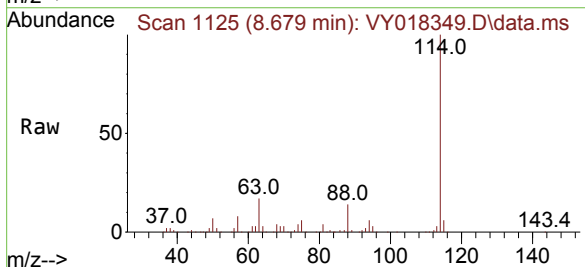
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

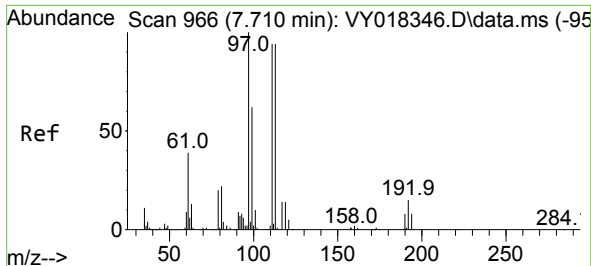
Tgt Ion: 65 Resp: 29507
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VY018349.D
 Acq: 22 May 2024 15:03

Tgt Ion: 114 Resp: 256476
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.0
 88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 21.260 ug/l

RT: 7.704 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

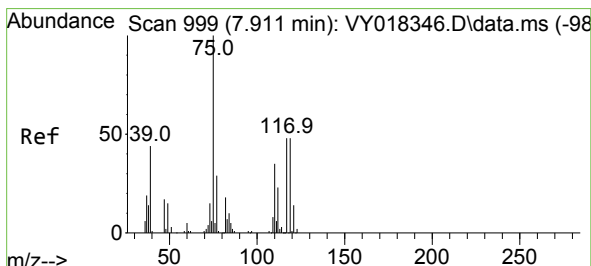
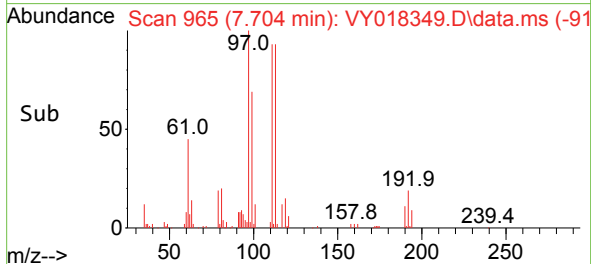
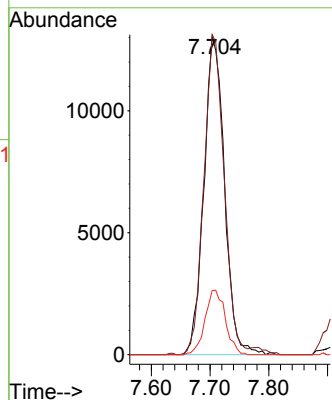
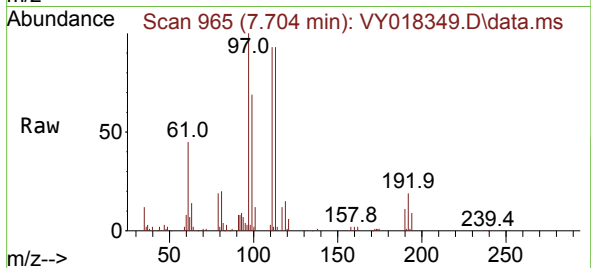
Tgt Ion:113 Resp: 31798

Ion Ratio Lower Upper

113 100

111 99.0 82.2 123.4

192 20.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.014 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

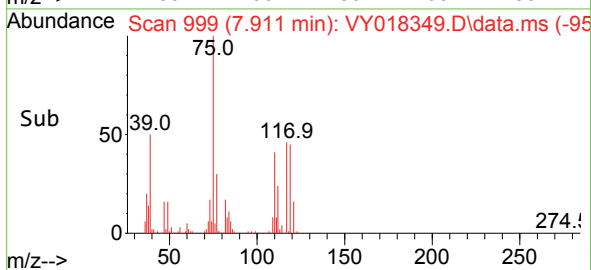
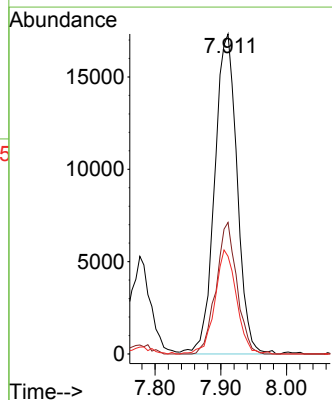
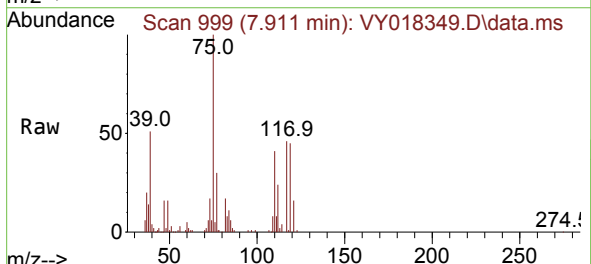
Tgt Ion: 75 Resp: 41241

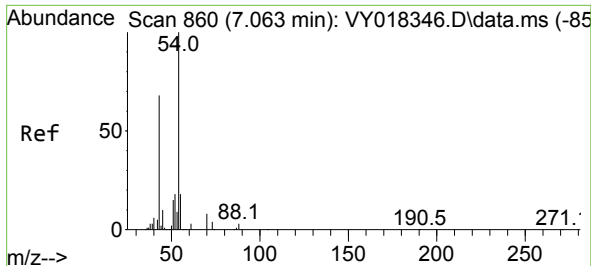
Ion Ratio Lower Upper

75 100

110 38.2 19.0 57.0

77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 20.754 ug/l

RT: 7.063 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

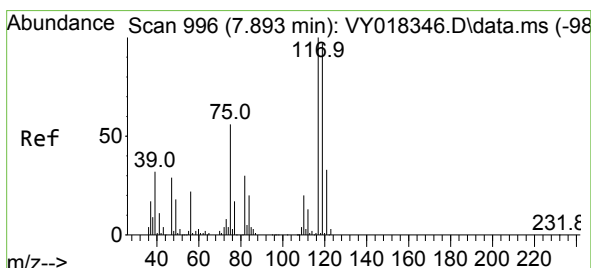
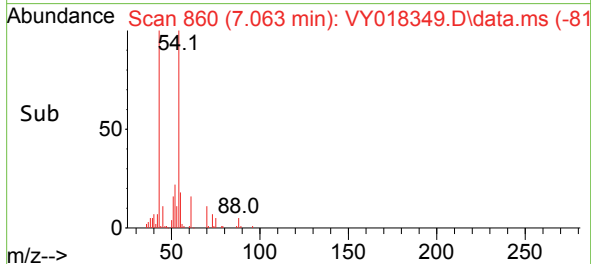
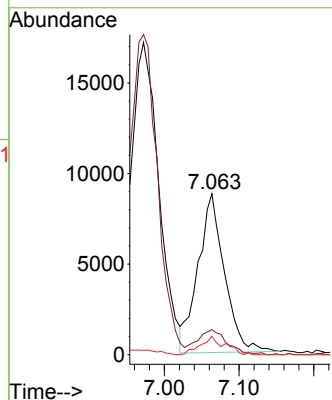
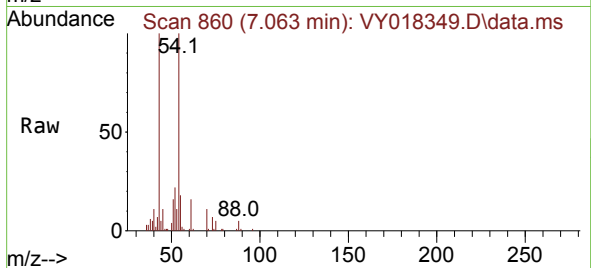
Tgt Ion: 43 Resp: 21534

Ion Ratio Lower Upper

43 100

61 17.7 12.6 19.0

70 10.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.321 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

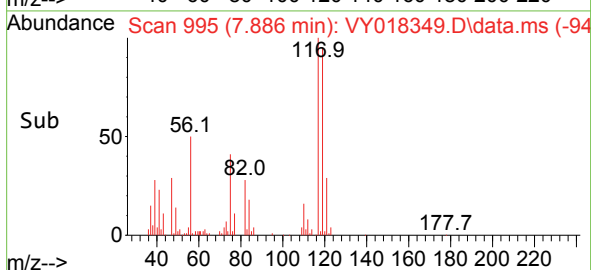
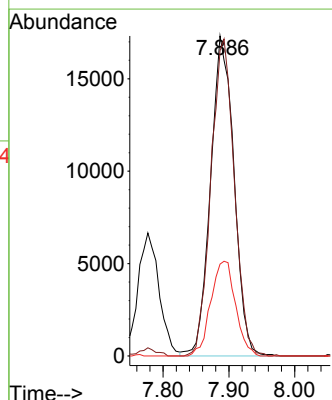
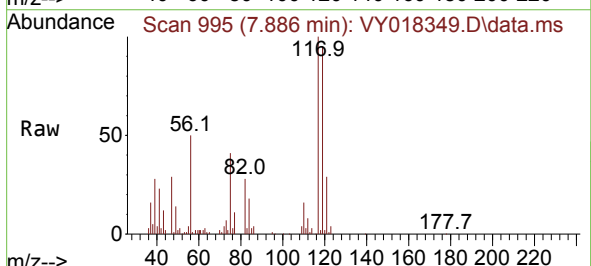
Tgt Ion: 117 Resp: 42922

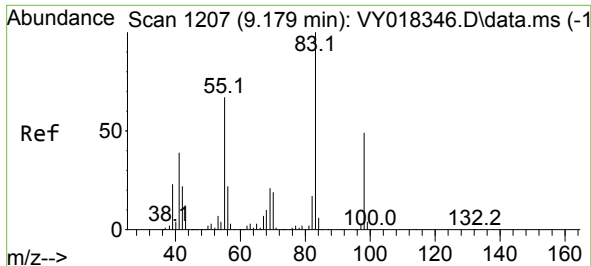
Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.6

121 28.7 24.0 36.0

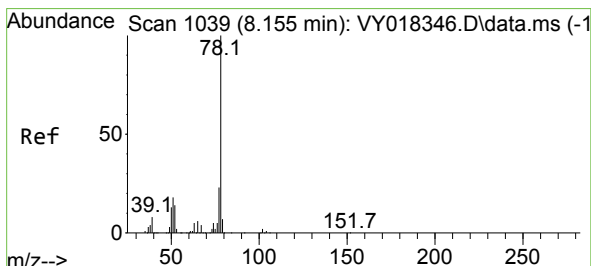
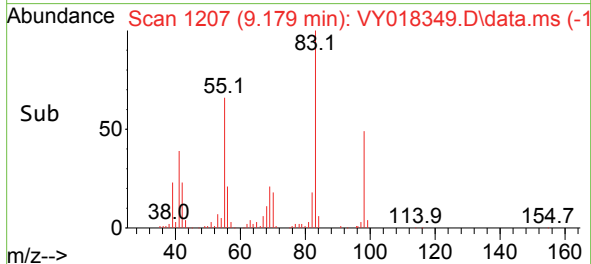
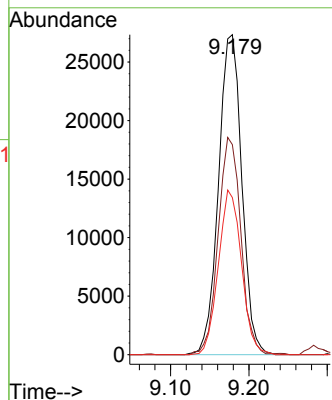
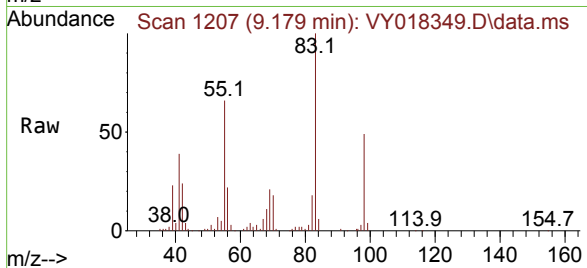




#39
Methylcyclohexane
Concen: 18.699 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

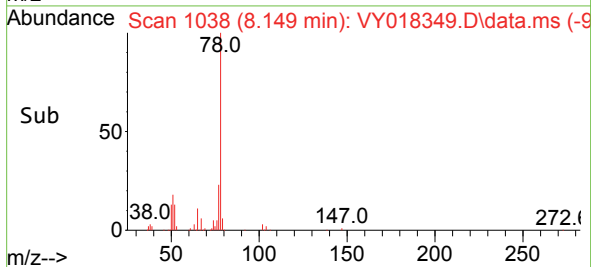
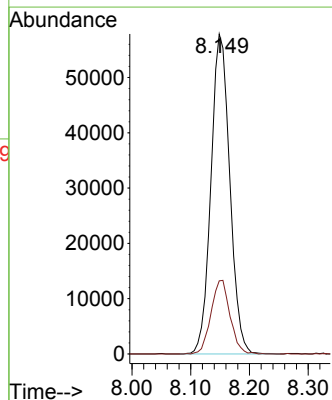
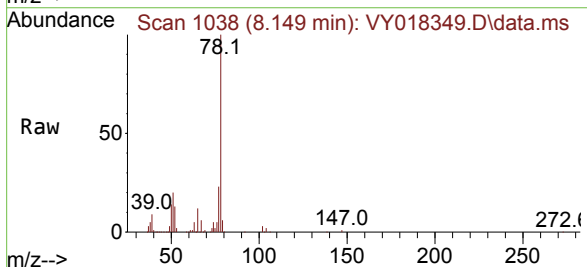
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

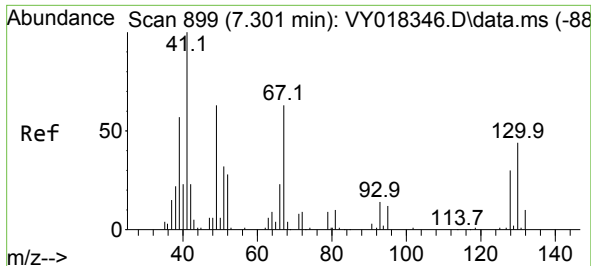
Tgt Ion: 83 Resp: 56577
Ion Ratio Lower Upper
83 100
55 65.6 51.5 77.3
98 49.1 40.5 60.7



#40
Benzene
Concen: 19.502 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 78 Resp: 128950
Ion Ratio Lower Upper
78 100
77 22.8 19.5 29.3

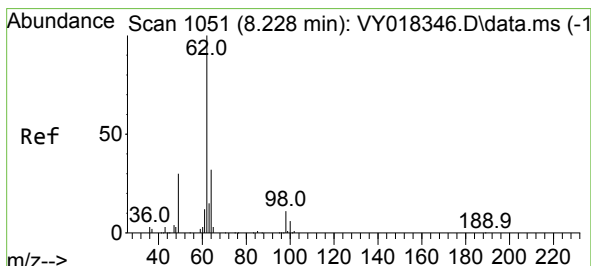
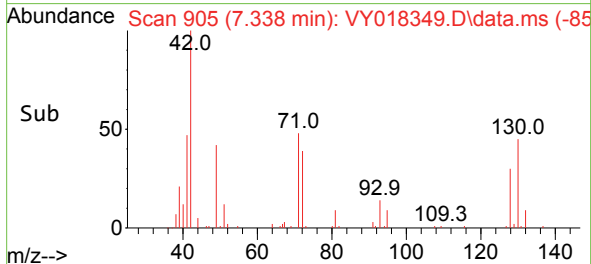
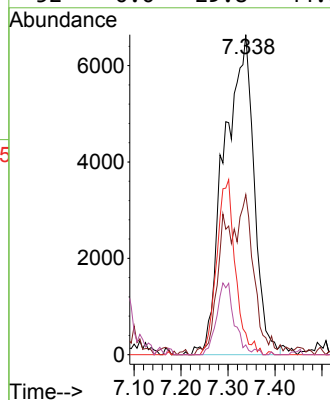
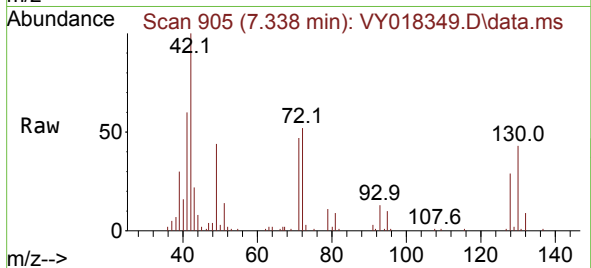




#41
Methacrylonitrile
Concen: 50.729 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

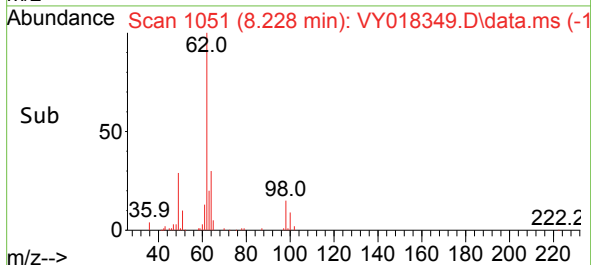
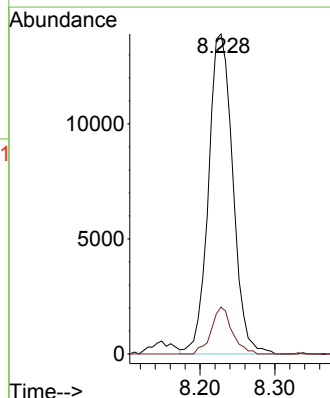
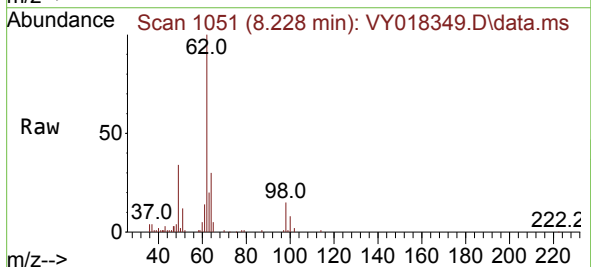
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

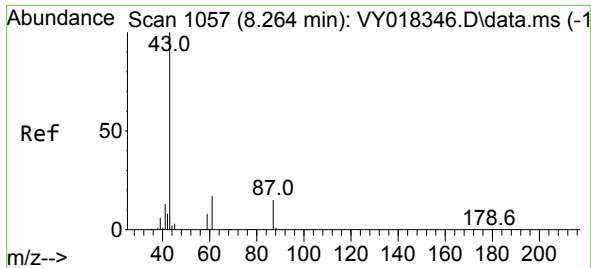
Tgt Ion: 41 Resp: 29104
Ion Ratio Lower Upper
41 100
39 22.7 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.797 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 62 Resp: 31487
Ion Ratio Lower Upper
62 100
98 12.5 0.0 22.0

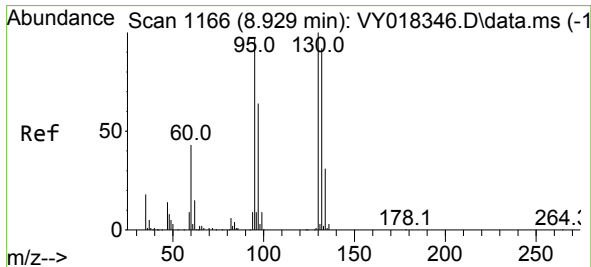
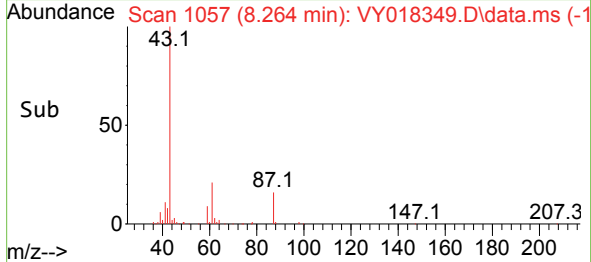
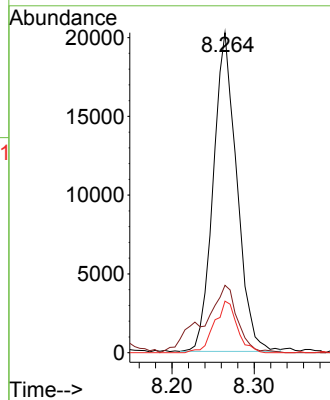
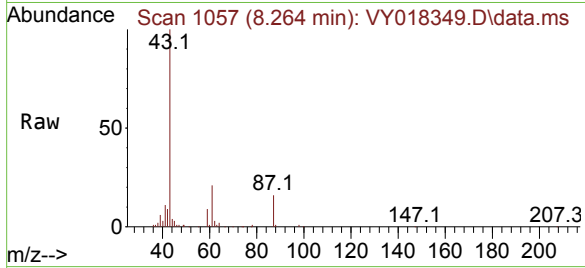




#43
Isopropyl Acetate
Concen: 19.883 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

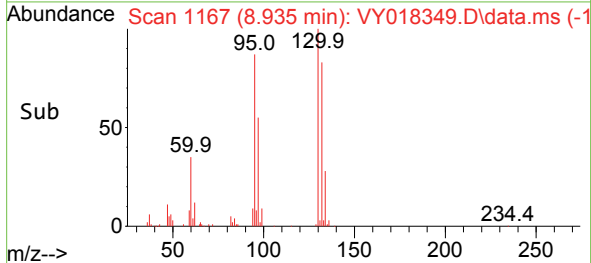
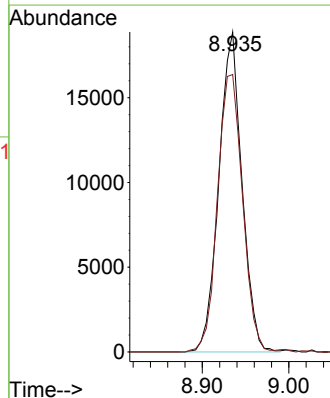
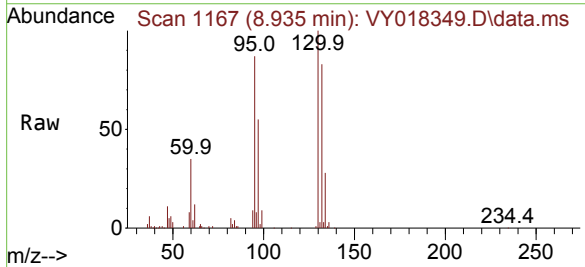
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

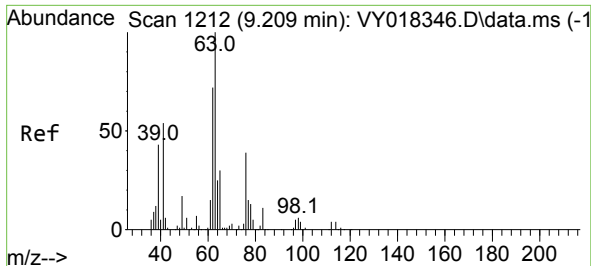
Tgt Ion: 43	Resp: 40254
Ion Ratio	Lower Upper
43	100
61	30.6 27.9 41.9
87	15.7 13.1 19.7



#44
Trichloroethene
Concen: 20.622 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 130	Resp: 34952
Ion Ratio	Lower Upper
130	100
95	86.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.287 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

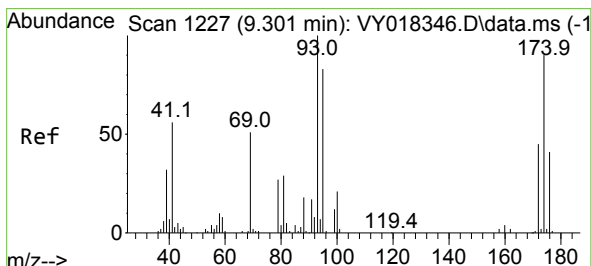
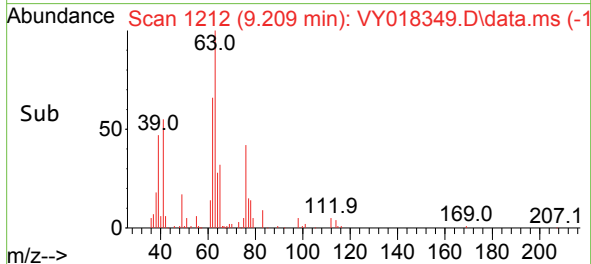
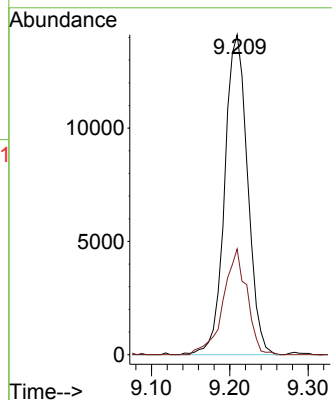
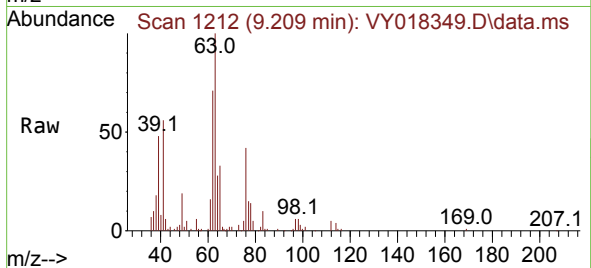
VSTDICC020

Tgt Ion: 63 Resp: 28682

Ion Ratio Lower Upper

63 100

65 33.1 25.4 38.2



#46

Dibromomethane

Concen: 20.202 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

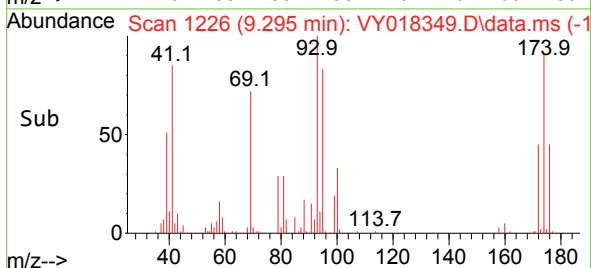
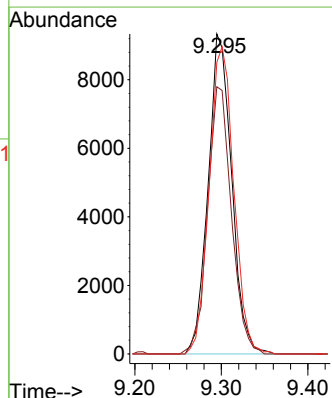
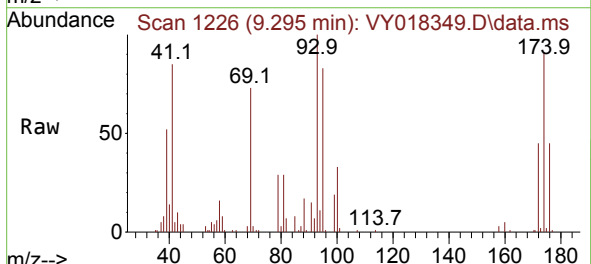
Tgt Ion: 93 Resp: 17629

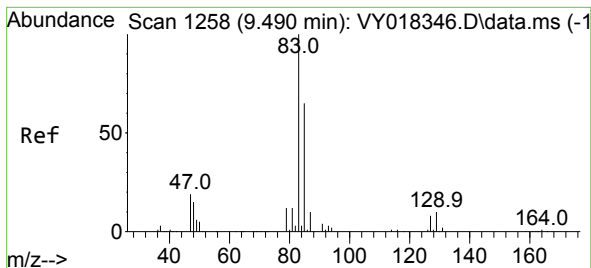
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 100.3 80.9 121.3





#47

Bromodichloromethane

Concen: 19.743 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

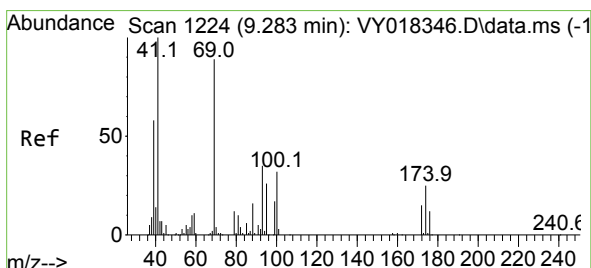
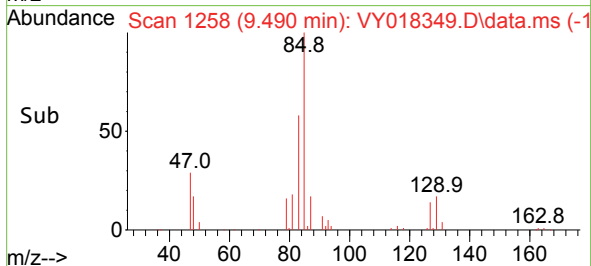
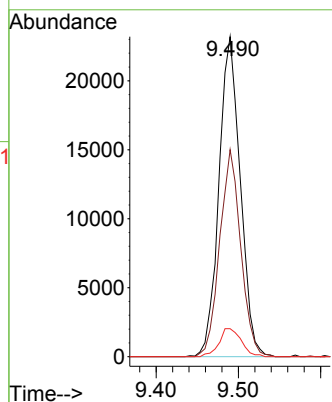
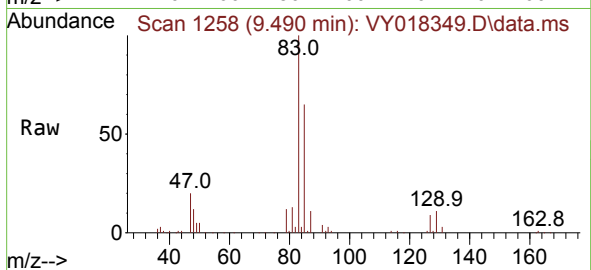
Tgt Ion: 83 Resp: 41812

Ion Ratio Lower Upper

83 100

85 64.7 50.1 75.1

127 8.7 7.4 11.0



#48

Methyl methacrylate

Concen: 20.651 ug/l

RT: 9.283 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

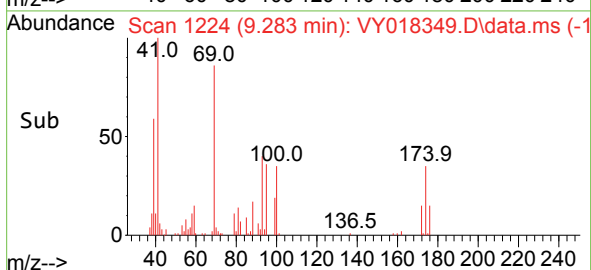
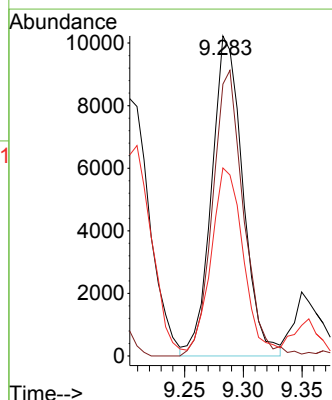
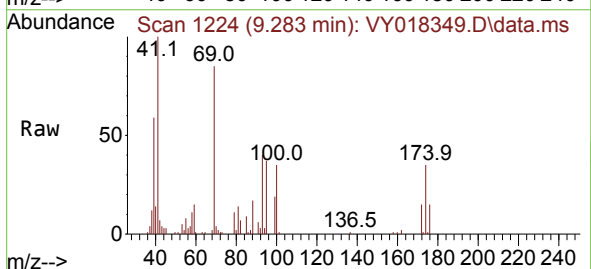
Tgt Ion: 41 Resp: 18911

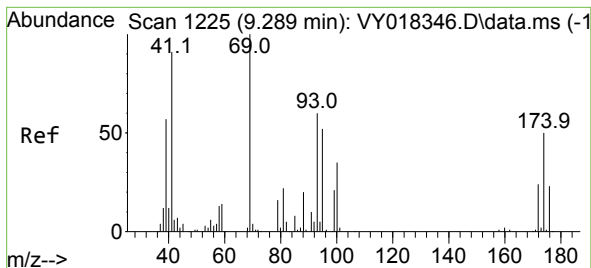
Ion Ratio Lower Upper

41 100

69 88.4 84.1 126.1

39 57.1 43.6 65.4





#49

1,4-Dioxane

Concen: 415.210 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

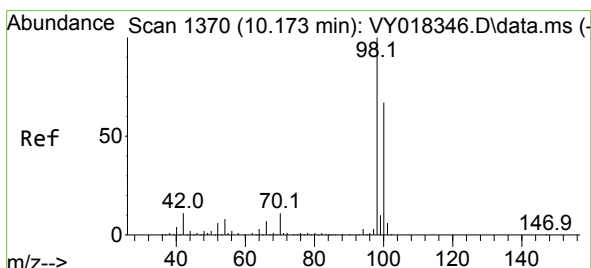
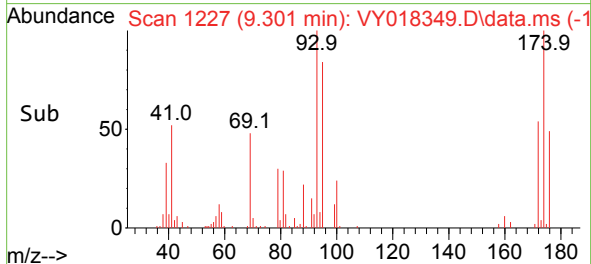
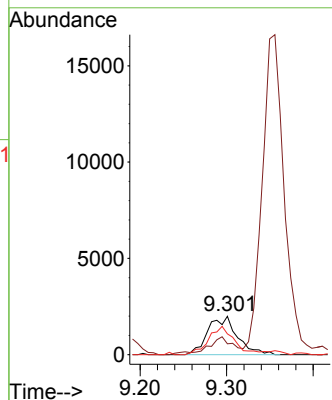
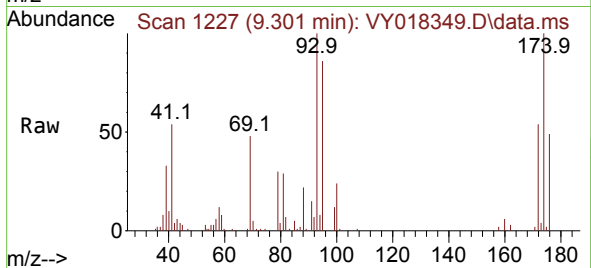
Tgt Ion: 88 Resp: 4701

Ion Ratio Lower Upper

88 100

43 33.6 0.0 0.0#

58 64.4 49.3 73.9



#50

Toluene-d8

Concen: 21.289 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018349.D

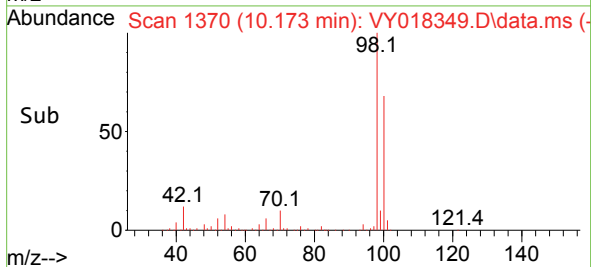
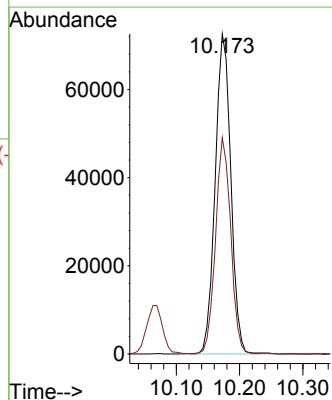
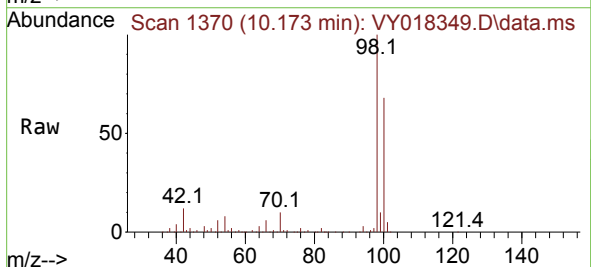
Acq: 22 May 2024 15:03

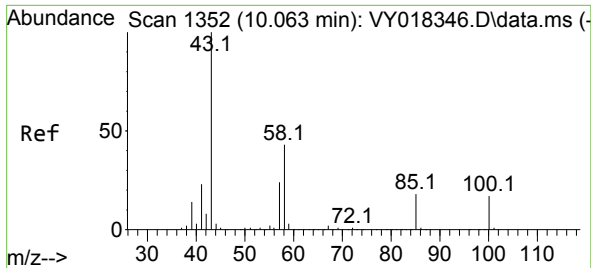
Tgt Ion: 98 Resp: 124143

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

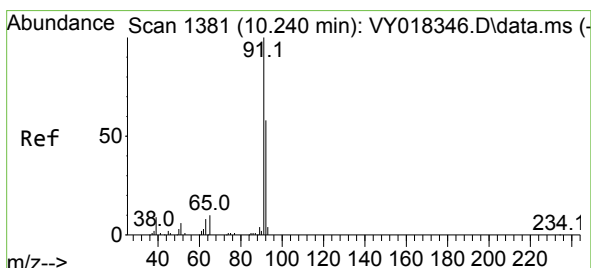
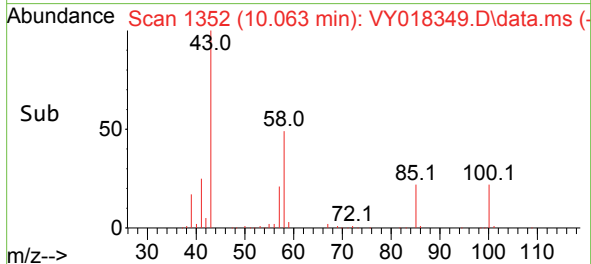
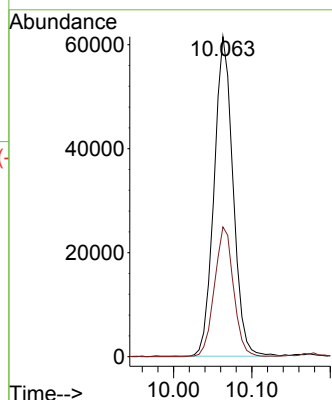
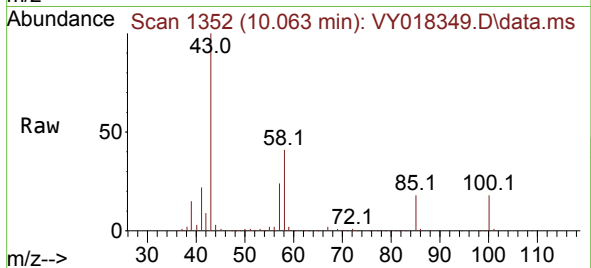




#51
4-Methyl-2-Pentanone
Concen: 101.180 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

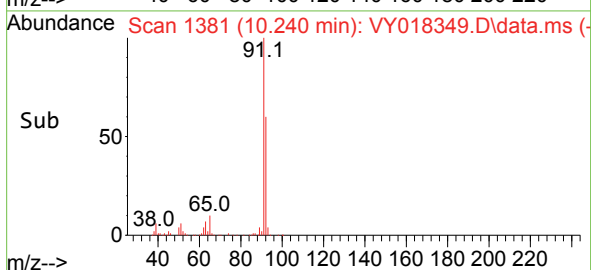
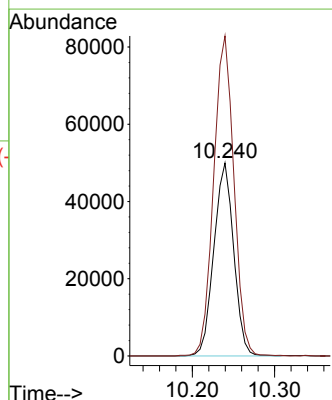
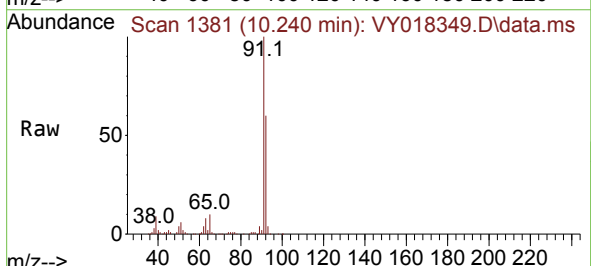
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

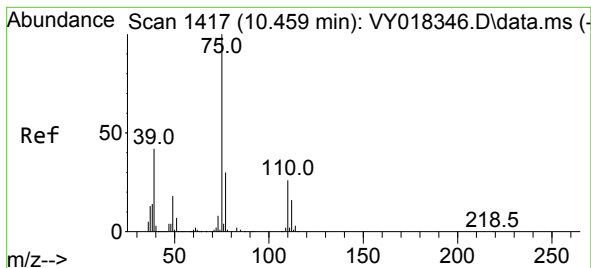
Tgt Ion: 43 Resp: 103379
Ion Ratio Lower Upper
43 100
58 40.9 35.7 53.5



#52
Toluene
Concen: 20.192 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 92 Resp: 83694
Ion Ratio Lower Upper
92 100
91 169.9 139.0 208.6

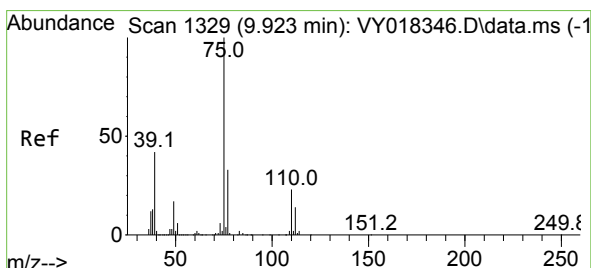
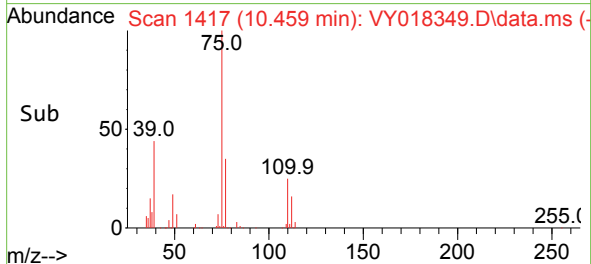
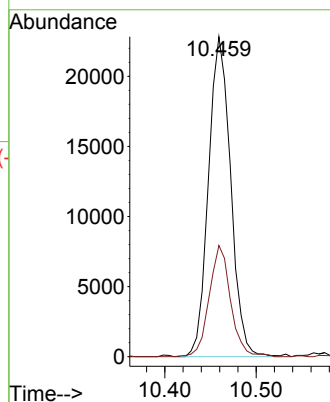
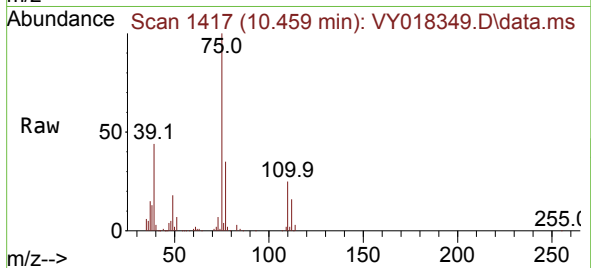




#53
 t-1,3-Dichloropropene
 Concen: 19.852 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018349.D
 Acq: 22 May 2024 15:03

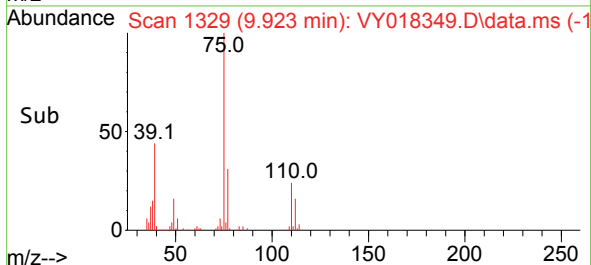
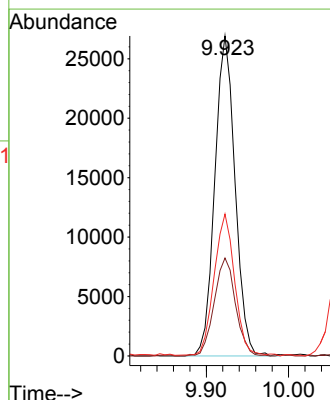
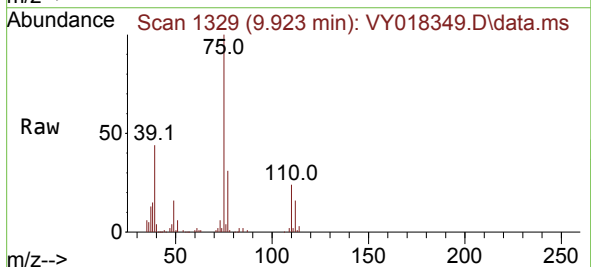
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

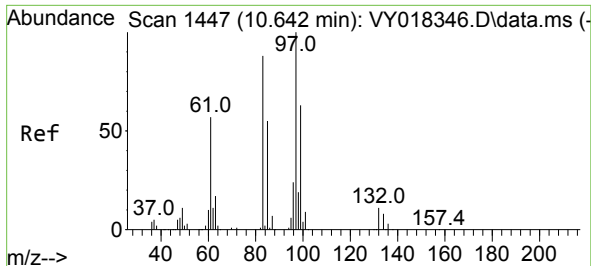
Tgt Ion: 75 Resp: 38437
 Ion Ratio Lower Upper
 75 100
 77 34.8 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.416 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018349.D
 Acq: 22 May 2024 15:03

Tgt Ion: 75 Resp: 46065
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 44.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.844 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 24097

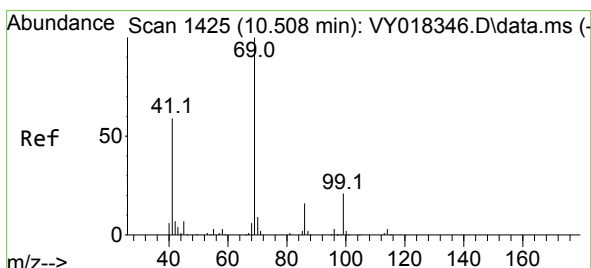
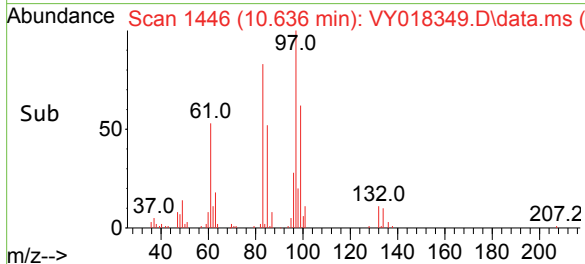
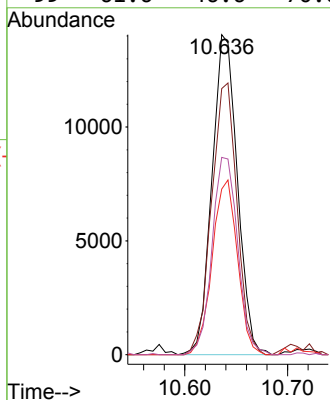
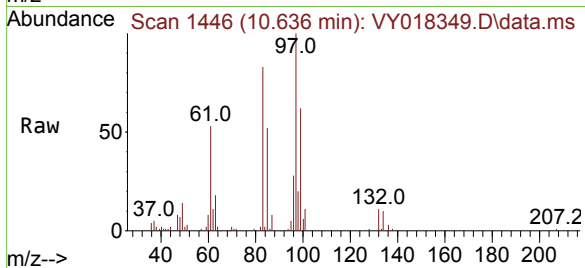
Ion Ratio Lower Upper

97 100

83 83.2 67.5 101.3

85 51.8 42.9 64.3

99 61.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.900 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

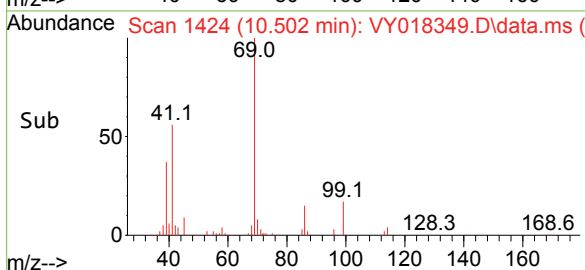
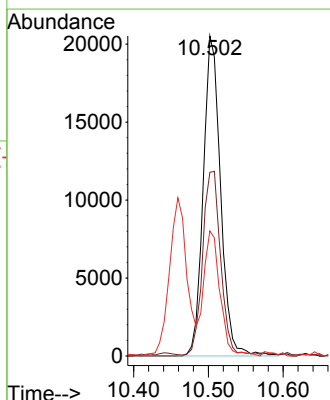
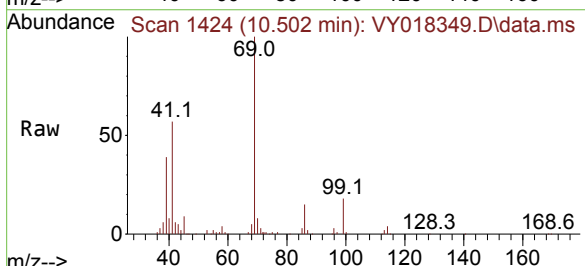
Tgt Ion: 69 Resp: 33142

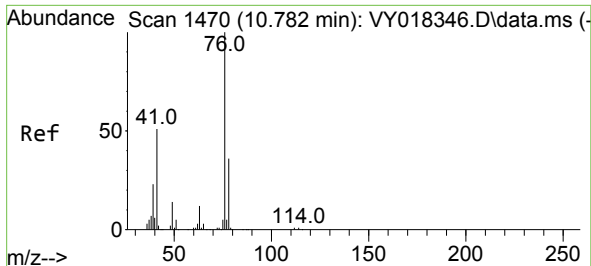
Ion Ratio Lower Upper

69 100

41 59.4 42.3 63.5

39 36.8 22.9 34.3#

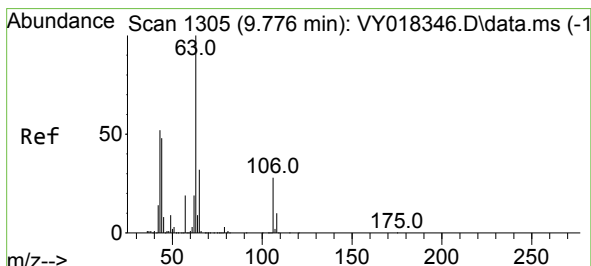
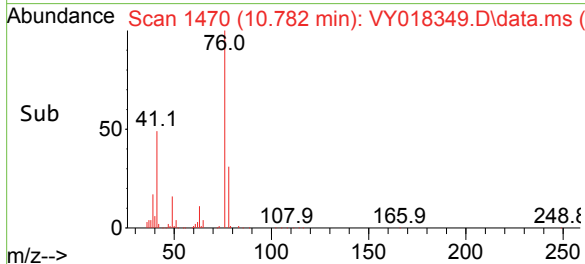
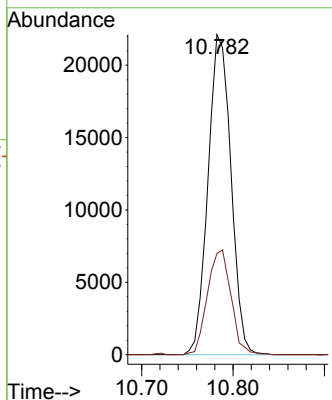
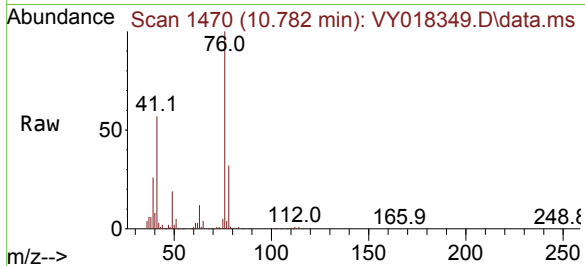




#57
1,3-Dichloropropane
Concen: 19.693 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

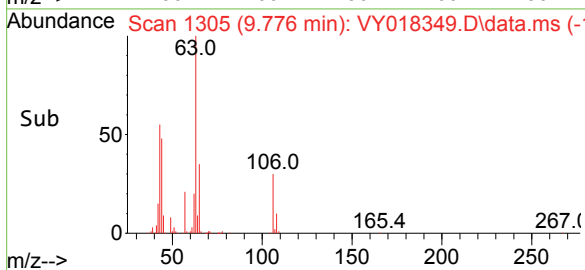
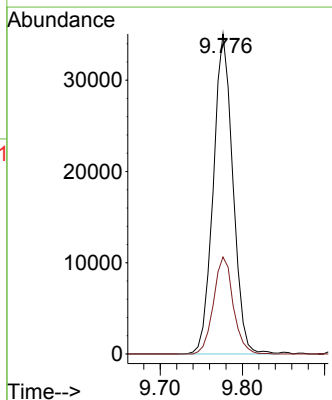
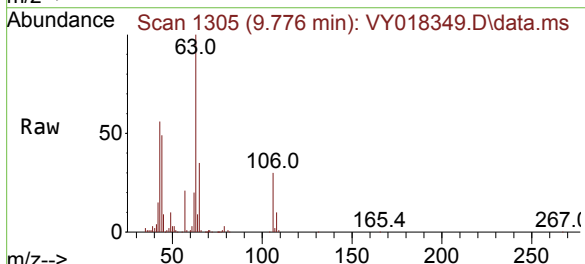
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

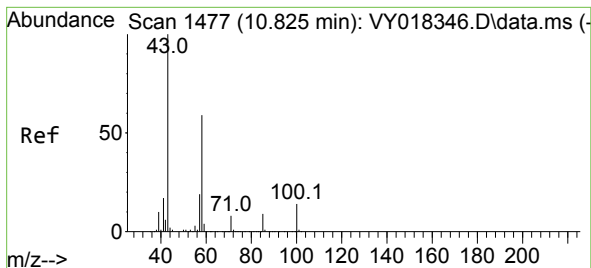
Tgt Ion: 76 Resp: 38588
Ion Ratio Lower Upper
76 100
78 33.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 81.057 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

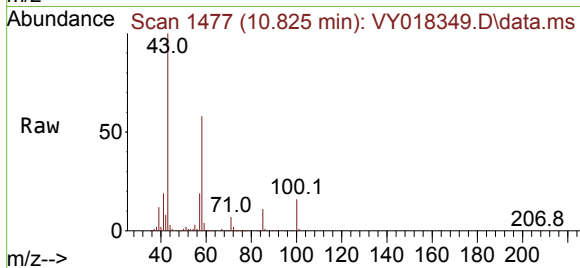
Tgt Ion: 63 Resp: 58080
Ion Ratio Lower Upper
63 100
106 30.4 23.7 35.5



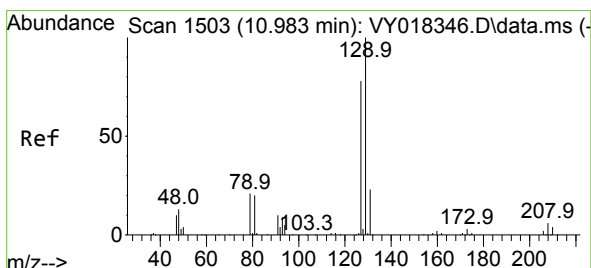
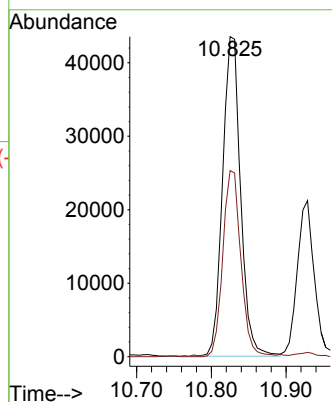
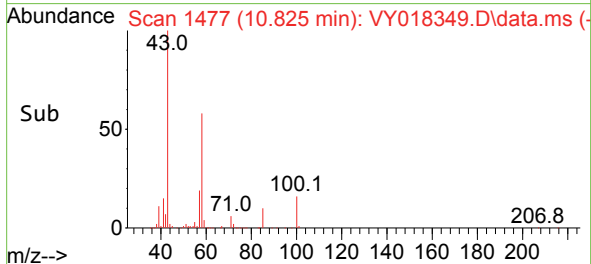


#59
2-Hexanone
Concen: 103.855 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

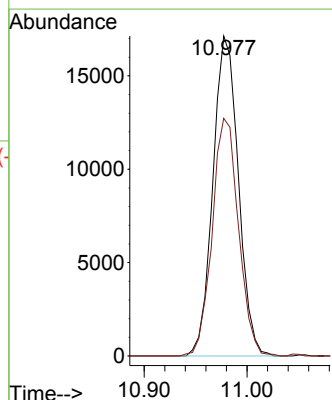
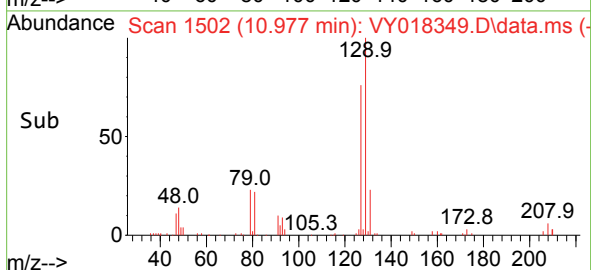
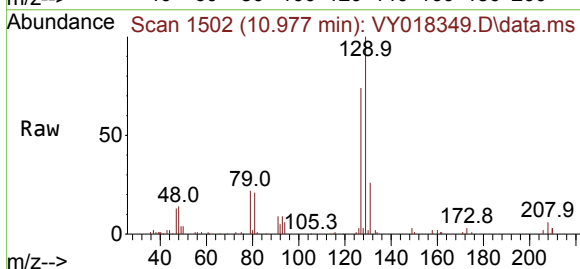


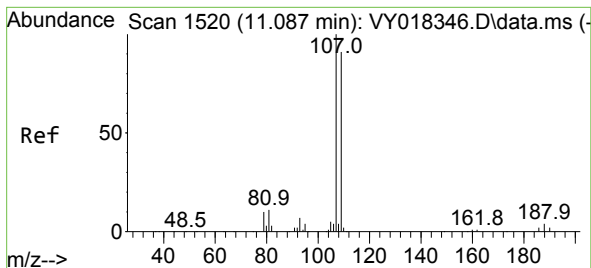
Tgt Ion: 43 Resp: 73015
Ion Ratio Lower Upper
43 100
58 58.6 31.4 94.0



#60
Dibromochloromethane
Concen: 21.102 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 129 Resp: 29466
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.934 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

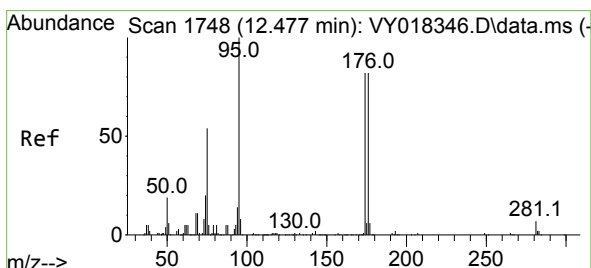
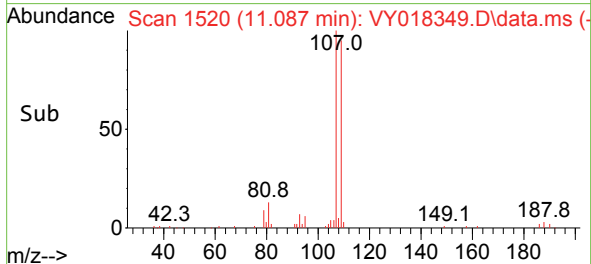
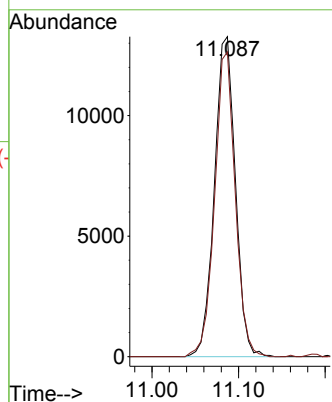
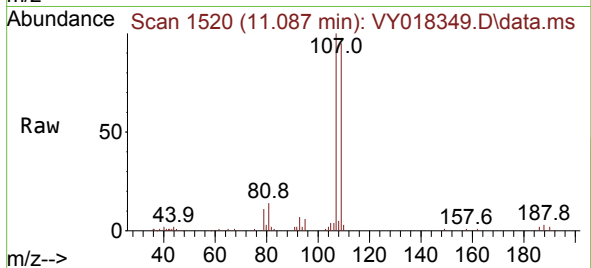
VSTDIC020

Tgt Ion:107 Resp: 22331

Ion Ratio Lower Upper

107 100

109 93.6 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 21.515 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

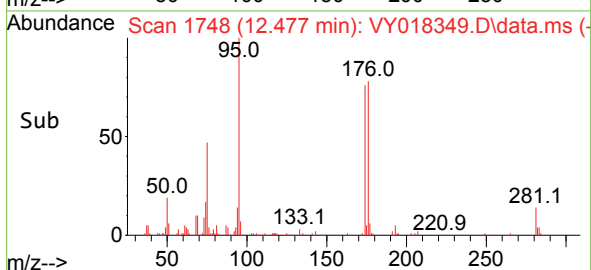
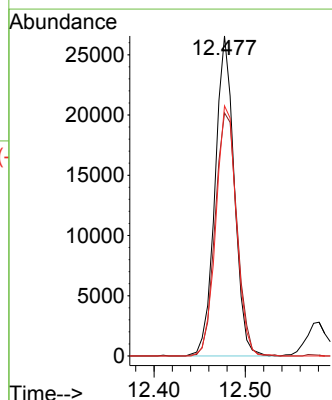
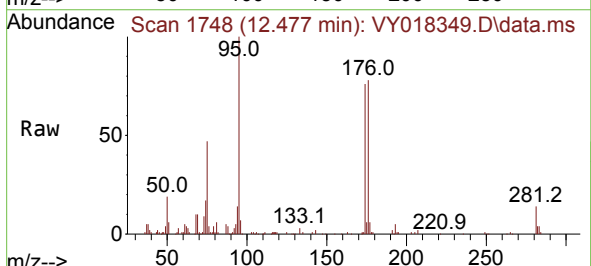
Tgt Ion: 95 Resp: 38765

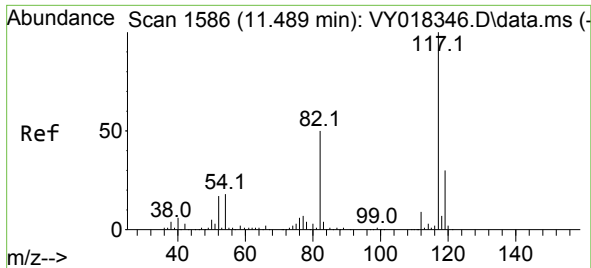
Ion Ratio Lower Upper

95 100

174 85.7 0.0 175.6

176 83.5 0.0 171.4

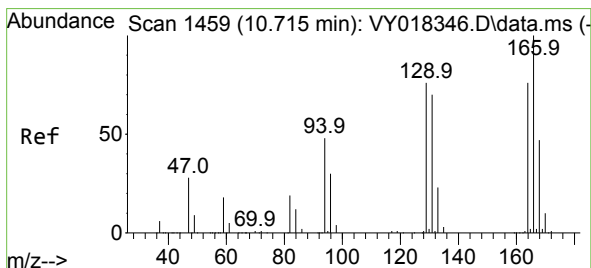
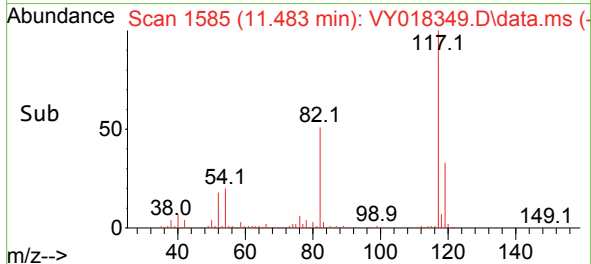
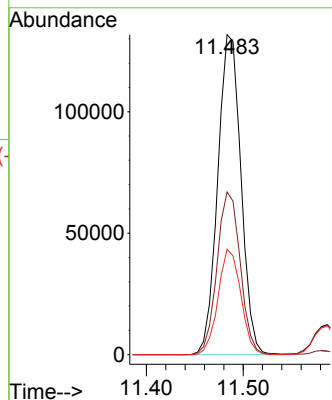
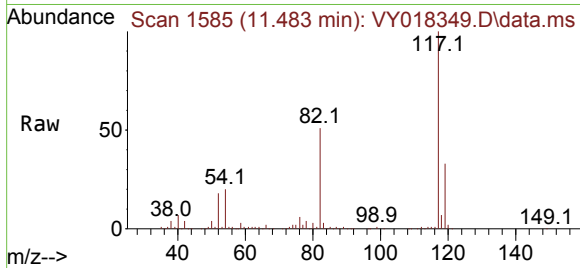




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

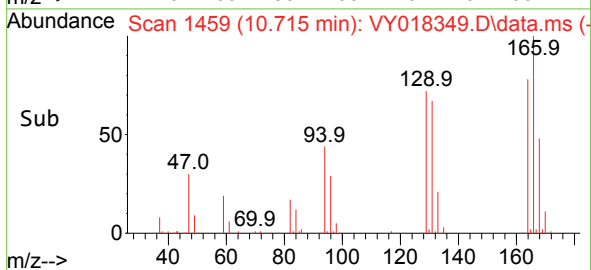
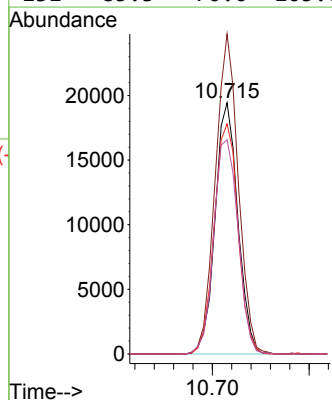
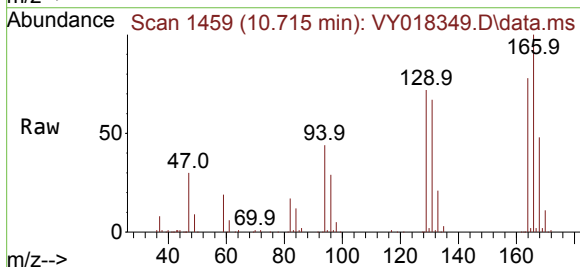
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

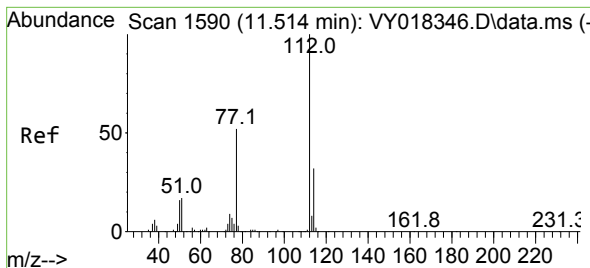
Tgt Ion:117	Resp:	219541
Ion	Ratio	Lower Upper
117	100	
82	50.8	42.4 63.6
119	33.0	25.9 38.9



#64
Tetrachloroethene
Concen: 20.308 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion:164	Resp:	31627
Ion	Ratio	Lower Upper
164	100	
166	127.4	102.6 154.0
129	91.6	72.0 108.0
131	85.3	70.0 105.0





#65

Chlorobenzene

Concen: 20.367 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

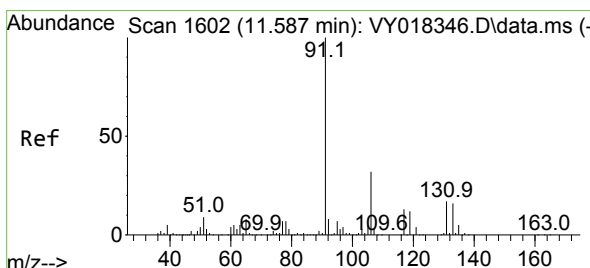
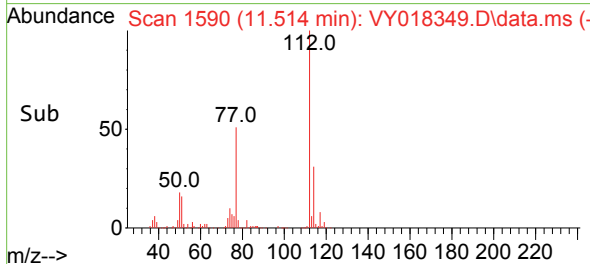
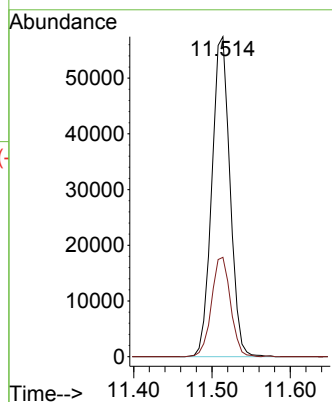
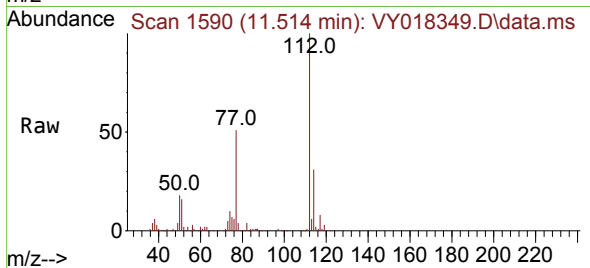
VSTDICC020

Tgt Ion:112 Resp: 92367

Ion Ratio Lower Upper

112 100

114 31.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.880 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

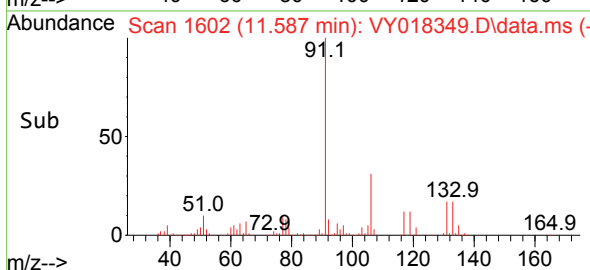
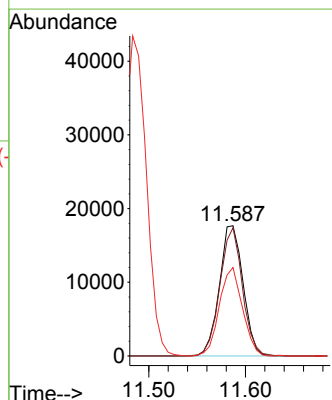
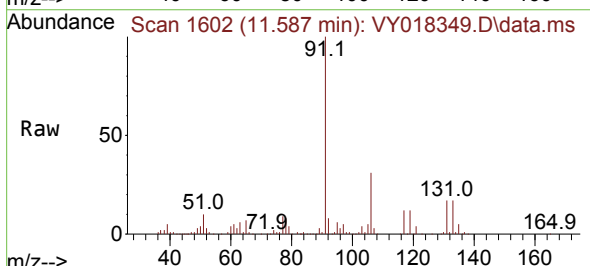
Tgt Ion:131 Resp: 29957

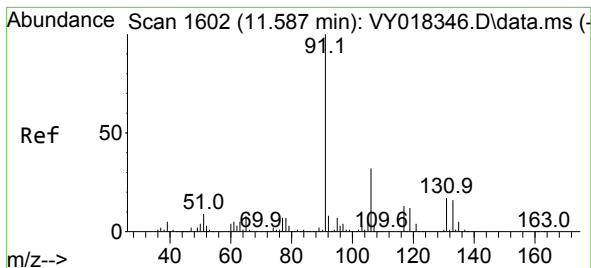
Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.3

119 66.1 34.1 102.2

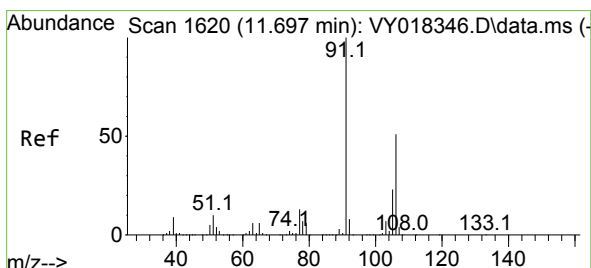
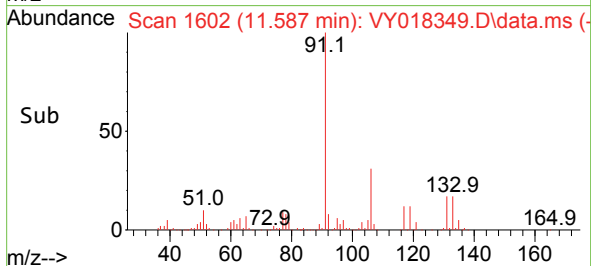
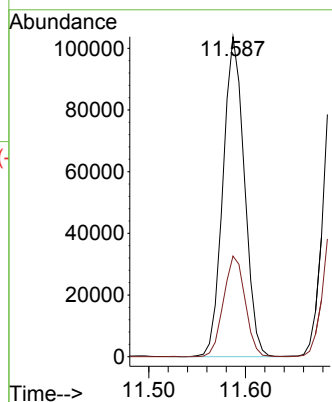
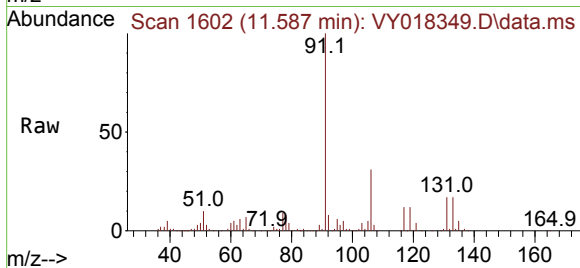




#67
Ethyl Benzene
Concen: 19.986 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

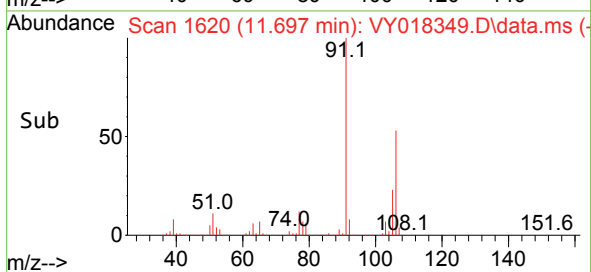
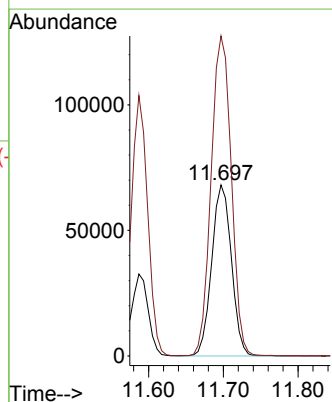
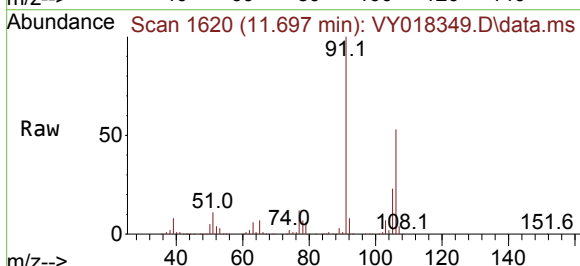
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

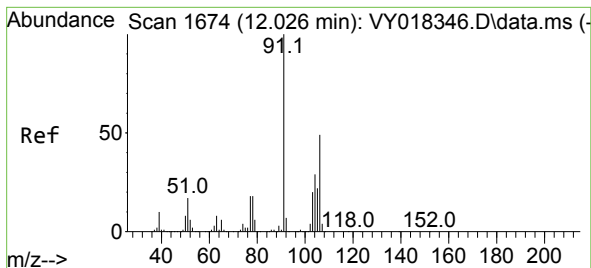
Tgt Ion: 91 Resp: 159179
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 40.662 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 106 Resp: 124606
Ion Ratio Lower Upper
106 100
91 192.2 156.0 234.0





#69

o-Xylene

Concen: 20.643 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

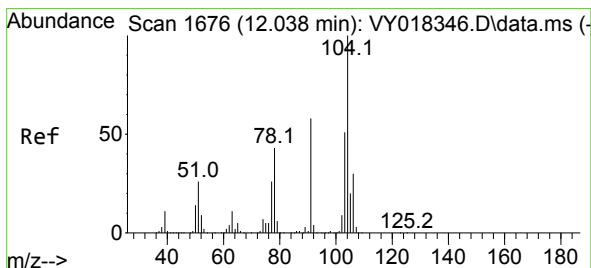
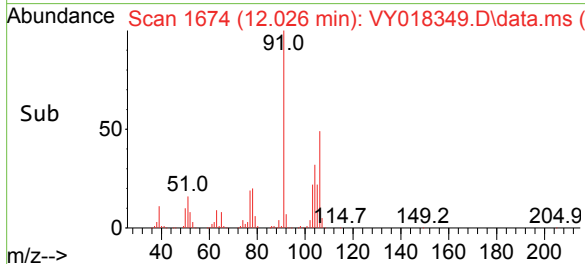
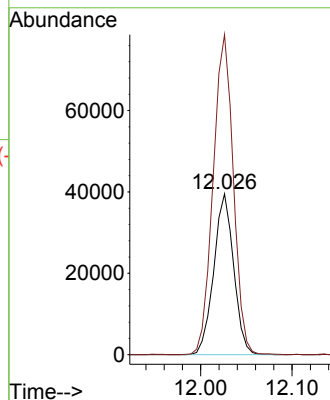
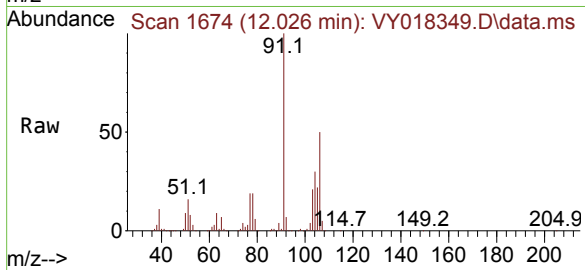
VSTDIC020

Tgt Ion:106 Resp: 59698

Ion Ratio Lower Upper

106 100

91 202.6 103.6 310.8



#70

Styrene

Concen: 20.573 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

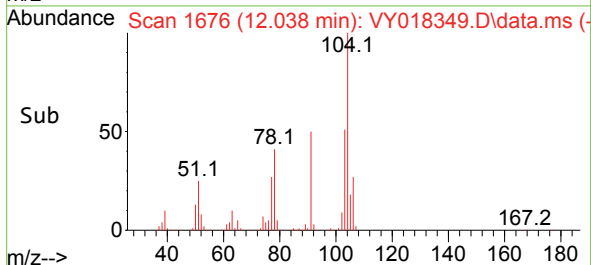
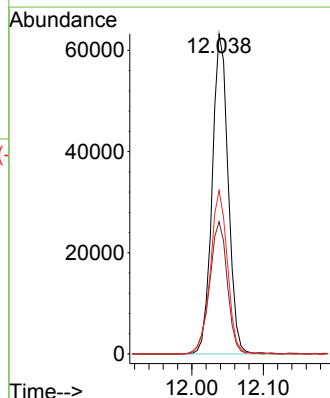
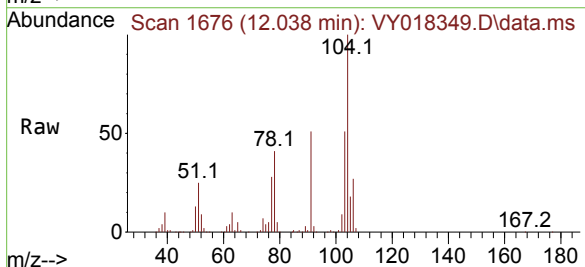
Tgt Ion:104 Resp: 98347

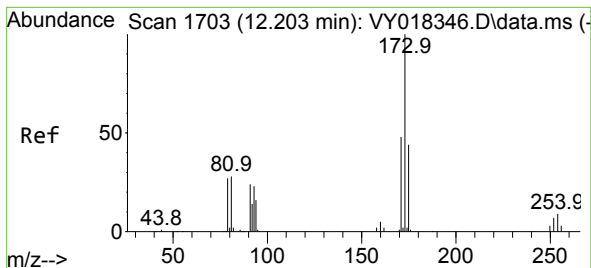
Ion Ratio Lower Upper

104 100

78 45.7 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 20.815 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

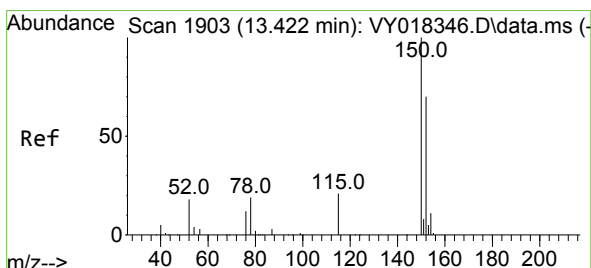
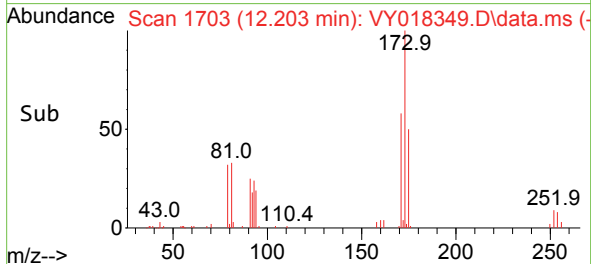
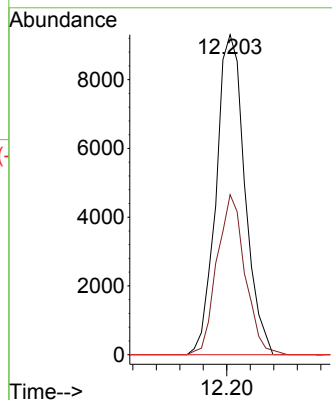
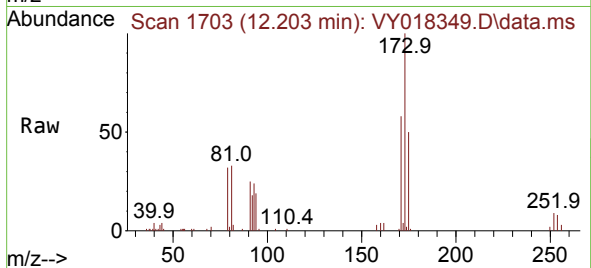
Tgt Ion:173 Resp: 15796

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

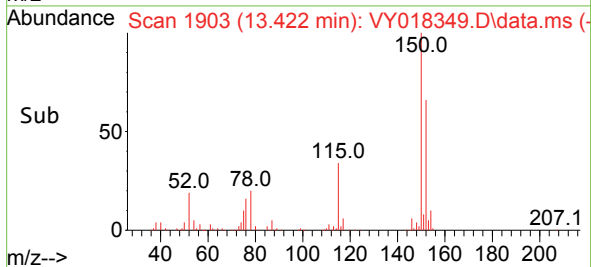
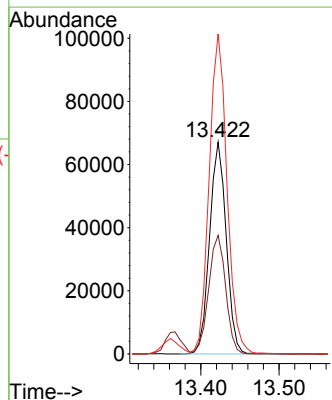
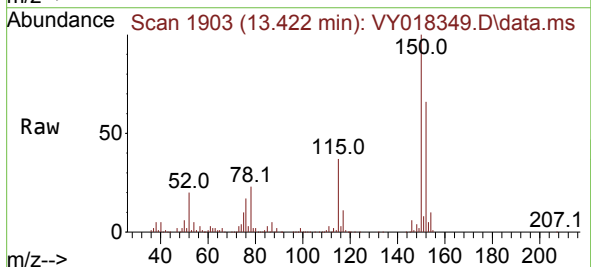
Tgt Ion:152 Resp: 99032

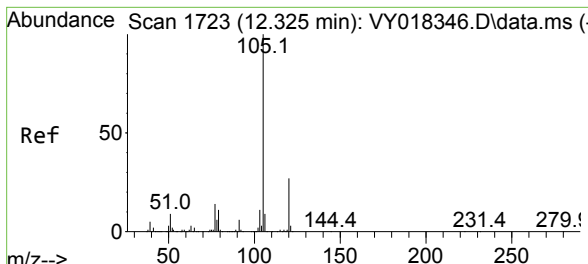
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 161.7 0.0 345.6

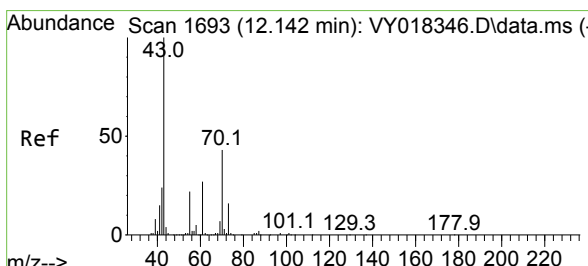
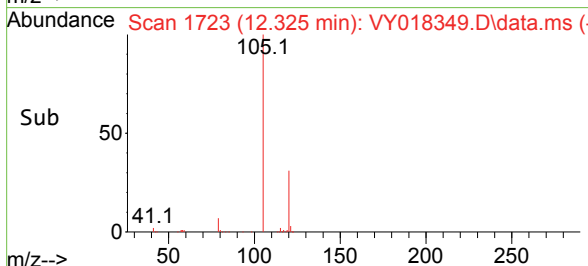
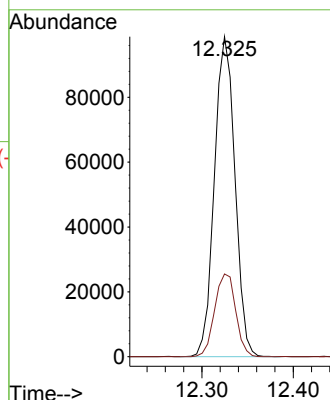
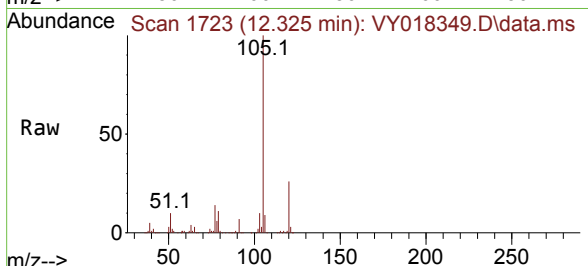




#73
Isopropylbenzene
Concen: 19.823 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

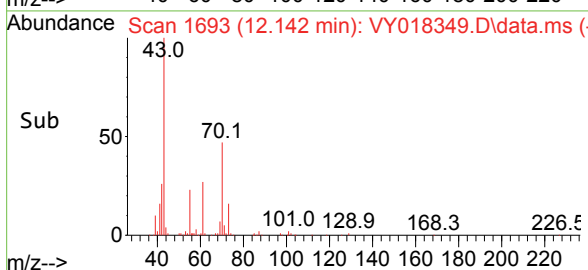
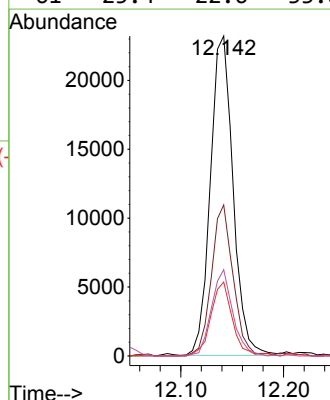
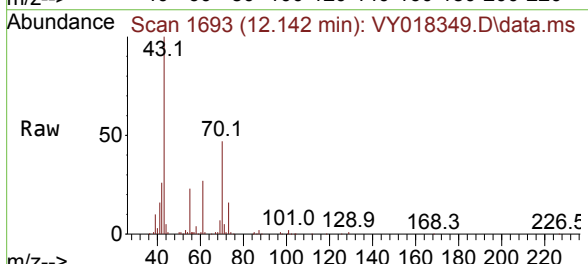
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

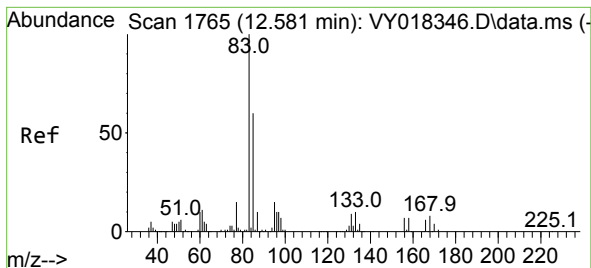
Tgt Ion:105 Resp: 154293
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-amy1 acetate
Concen: 19.560 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 43 Resp: 35521
Ion Ratio Lower Upper
43 100
70 45.3 41.4 62.2
55 22.0 23.3 34.9#
61 25.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.624 ug/l

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

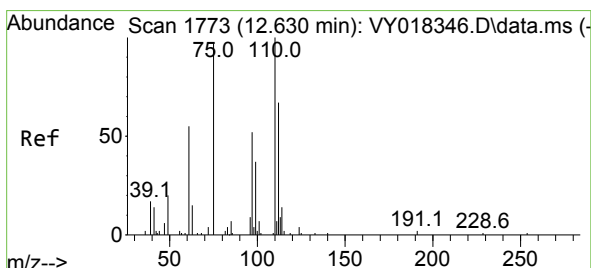
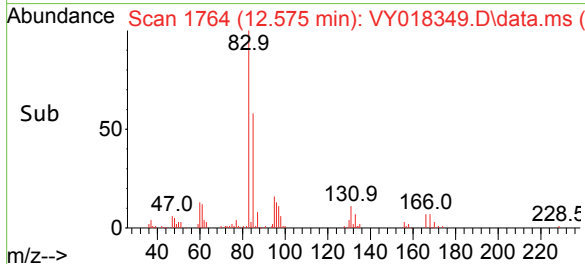
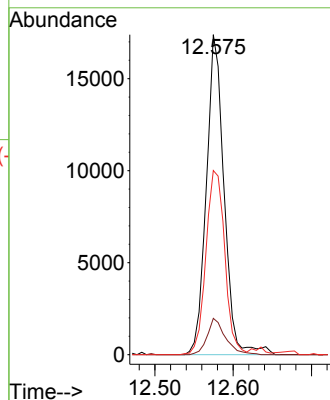
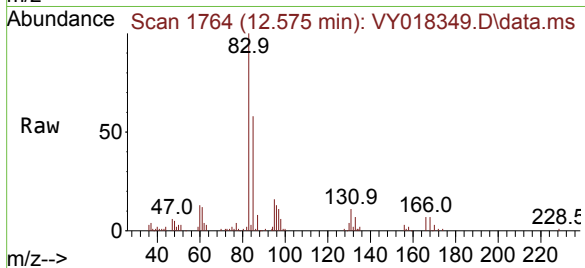
Tgt Ion: 83 Resp: 27353

Ion Ratio Lower Upper

83 100

131 11.7 5.0 14.9

85 61.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.030 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018349.D

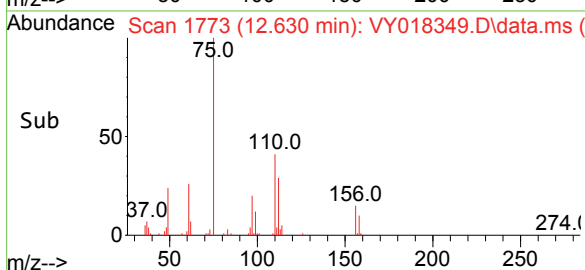
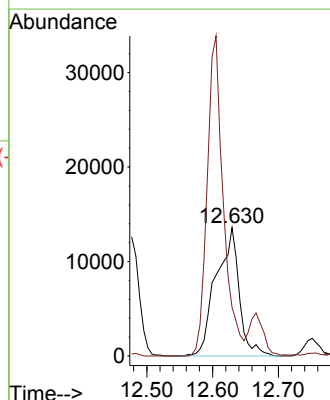
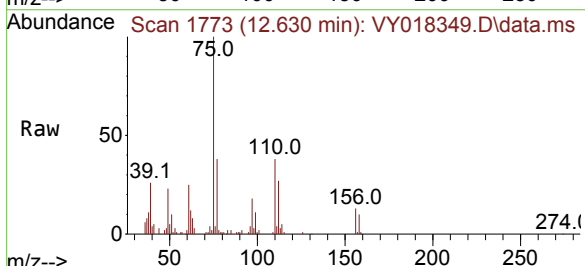
Acq: 22 May 2024 15:03

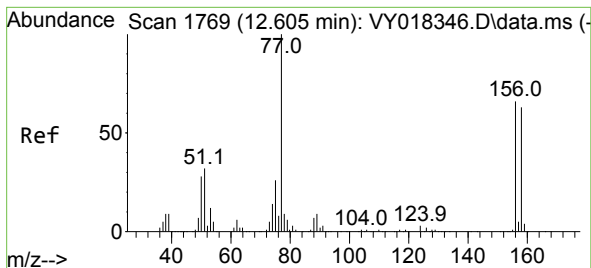
Tgt Ion: 75 Resp: 33174

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.089 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

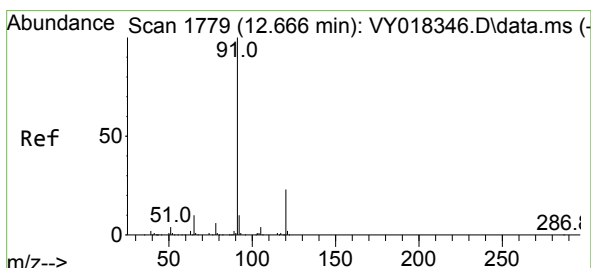
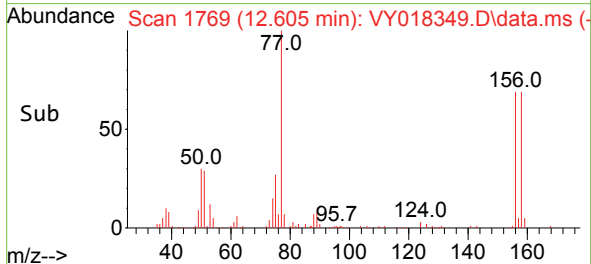
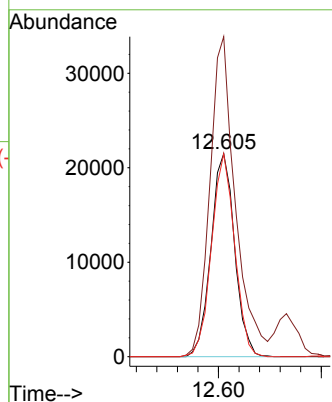
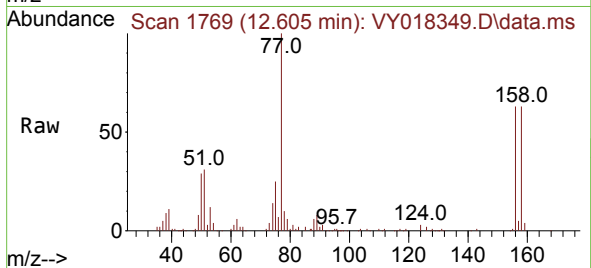
Tgt Ion:156 Resp: 34247

Ion Ratio Lower Upper

156 100

77 170.2 87.1 261.3

158 97.7 48.6 145.9



#78

n-propylbenzene

Concen: 19.648 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018349.D

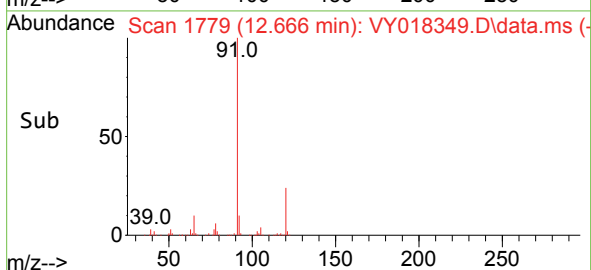
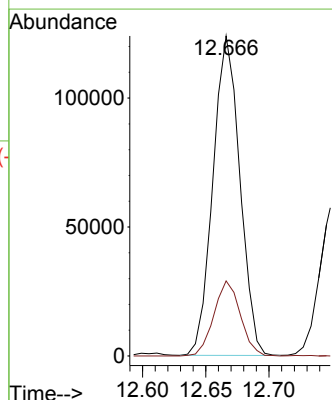
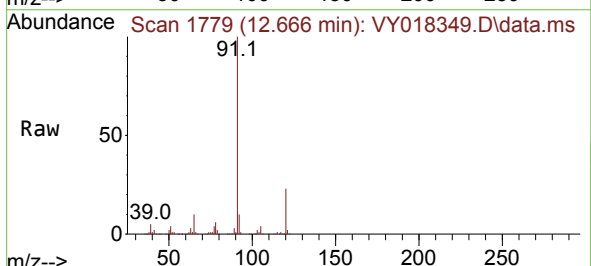
Acq: 22 May 2024 15:03

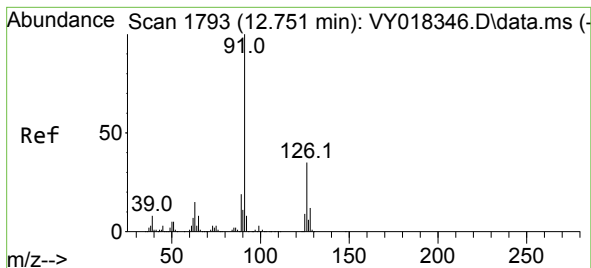
Tgt Ion: 91 Resp: 183122

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.651 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

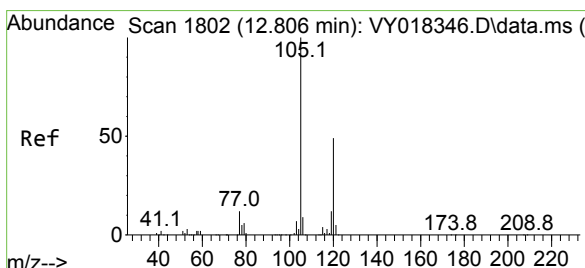
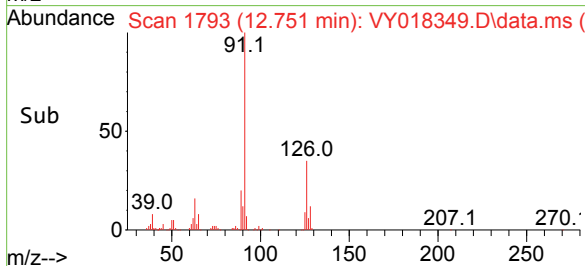
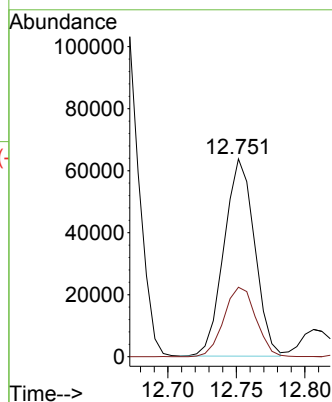
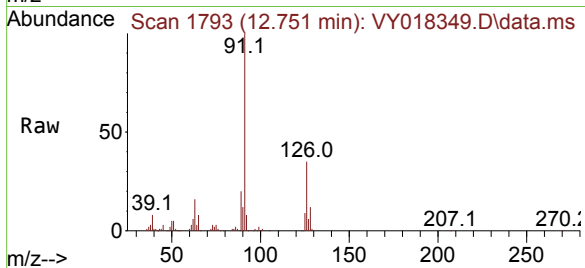
VSTDICC020

Tgt Ion: 91 Resp: 99155

Ion Ratio Lower Upper

91 100

126 36.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.902 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018349.D

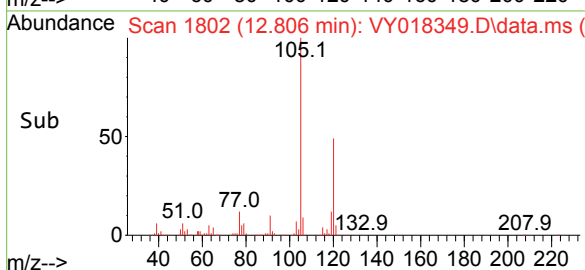
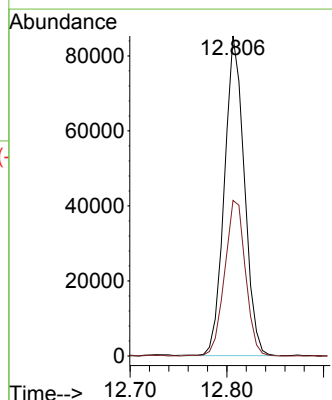
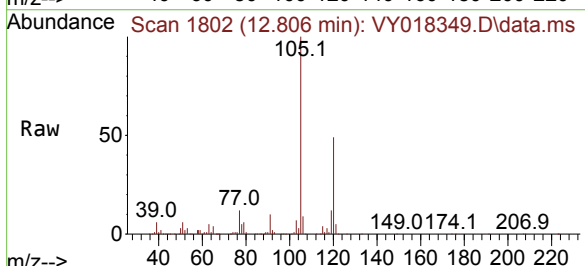
Acq: 22 May 2024 15:03

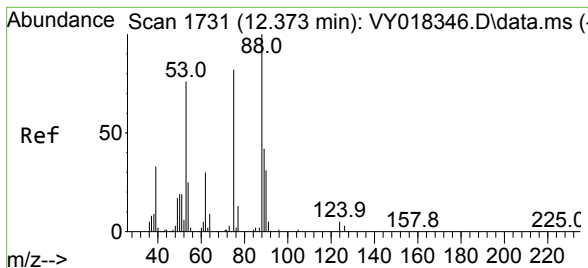
Tgt Ion: 105 Resp: 121730

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.2

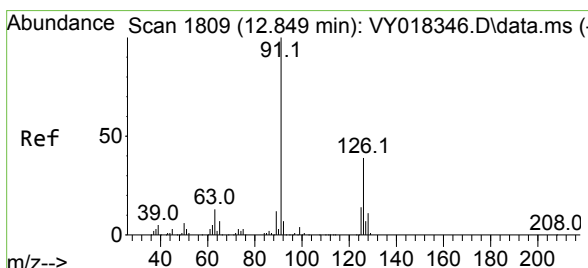
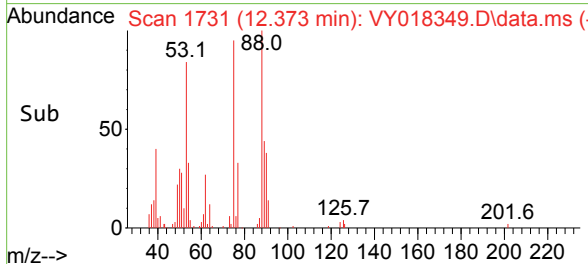
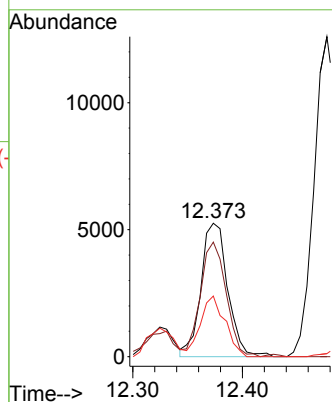
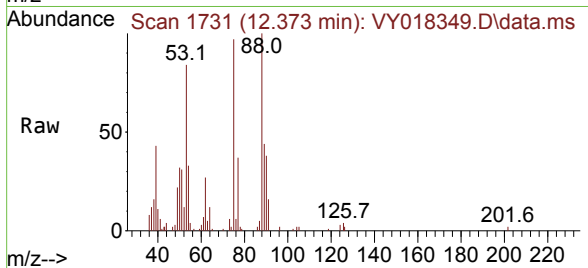




#81
trans-1,4-Dichloro-2-butene
Concen: 20.585 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

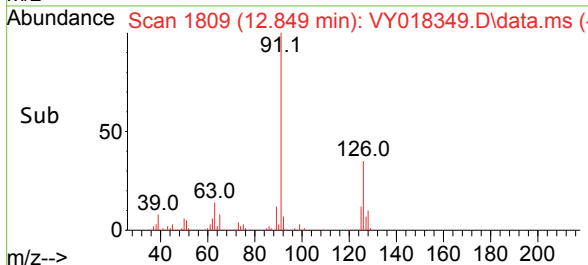
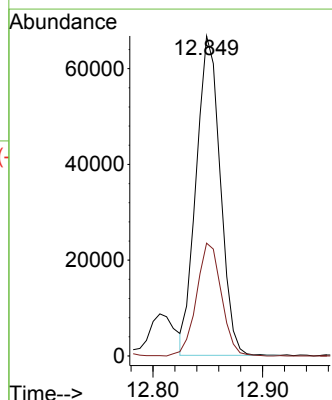
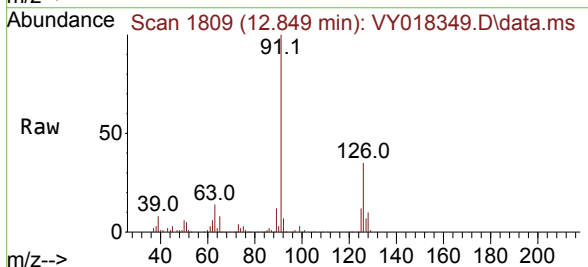
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

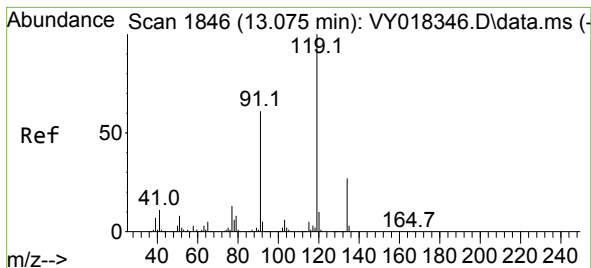
Tgt Ion: 75 Resp: 8905
Ion Ratio Lower Upper
75 100
53 82.9 66.8 100.2
89 41.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.856 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion: 91 Resp: 101580
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.954 ug/l

RT: 13.068 min Scan# 112819

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

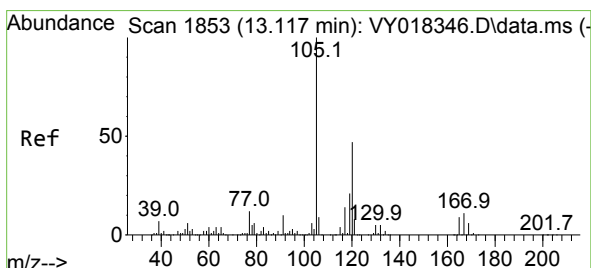
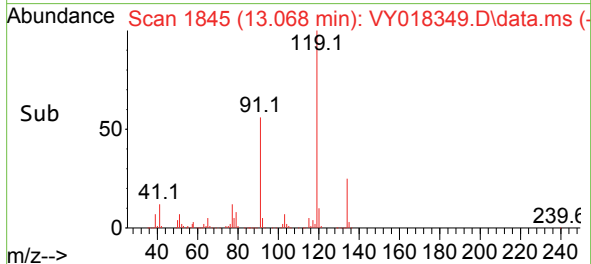
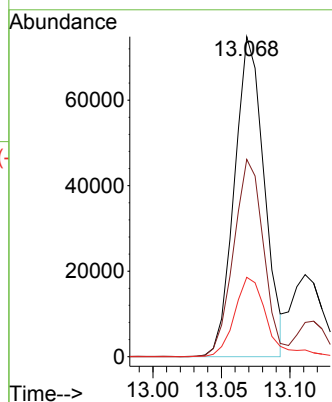
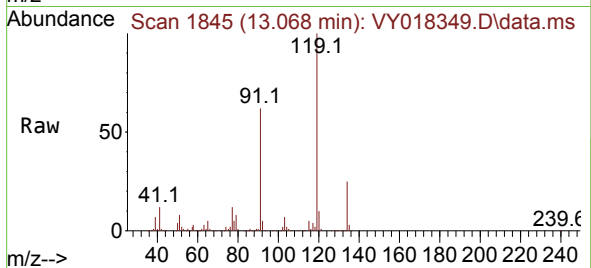
Tgt Ion:119 Resp: 112819

Ion Ratio Lower Upper

119 100

91 62.7 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.148 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018349.D

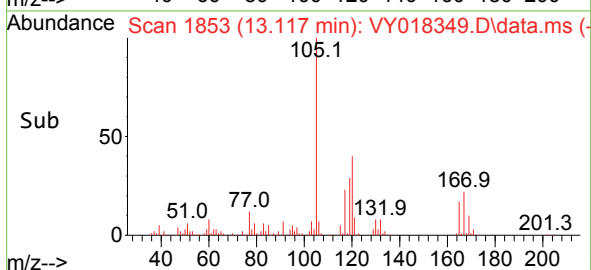
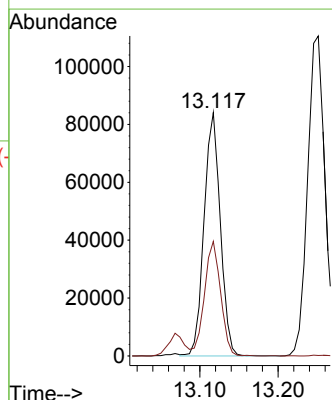
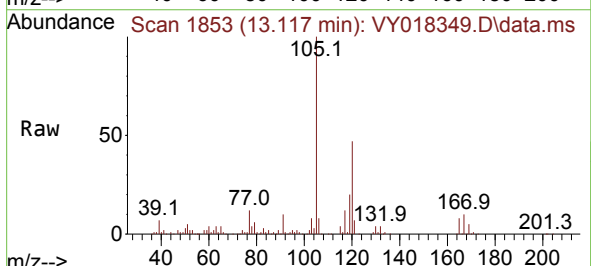
Acq: 22 May 2024 15:03

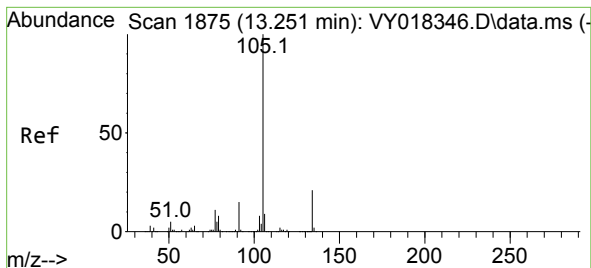
Tgt Ion:105 Resp: 121201

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.293 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

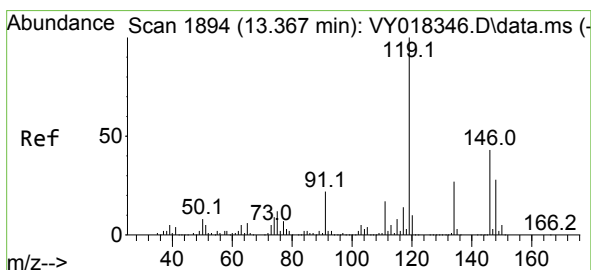
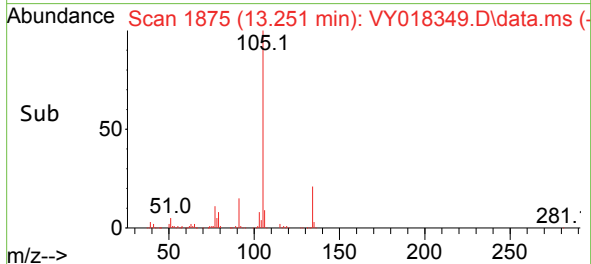
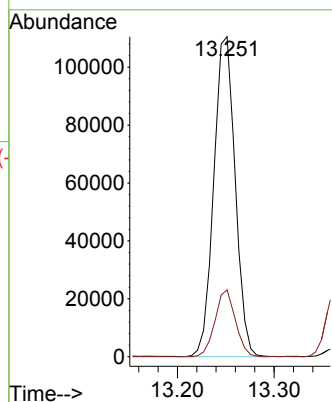
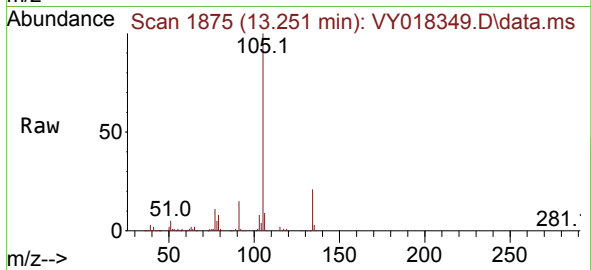
VSTDICC020

Tgt Ion:105 Resp: 169689

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.064 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

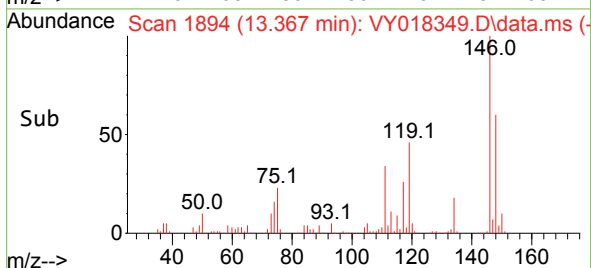
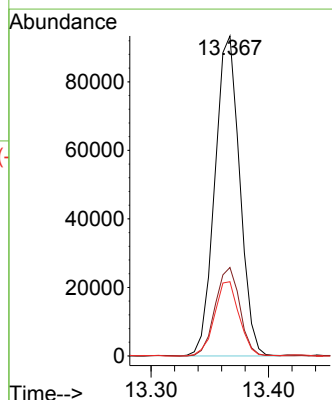
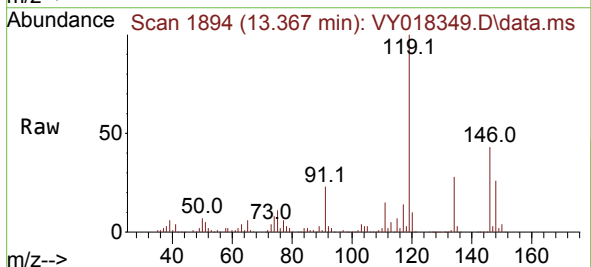
Tgt Ion:119 Resp: 137235

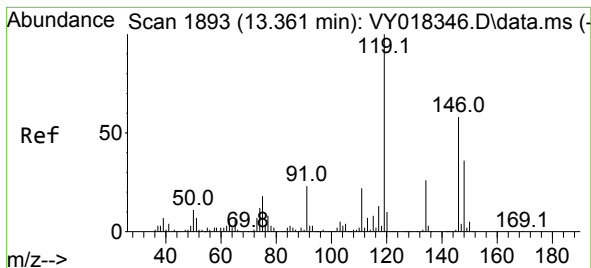
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 23.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.452 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

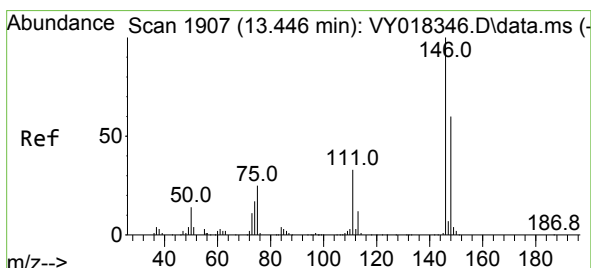
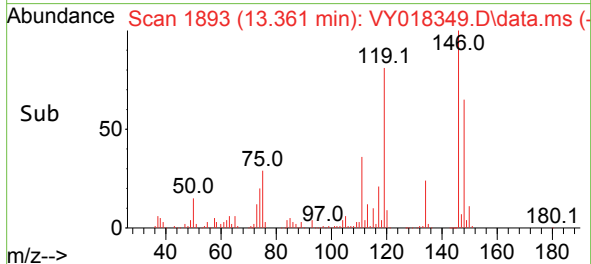
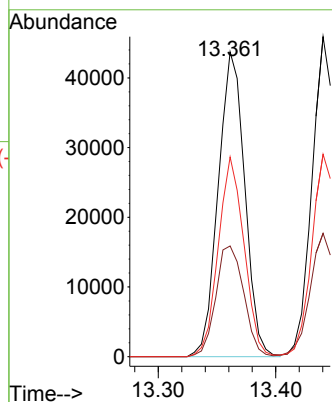
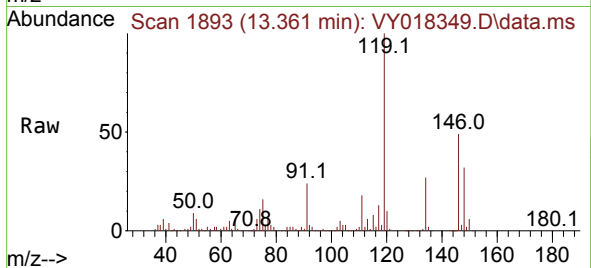
Tgt Ion:146 Resp: 68656

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.366 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

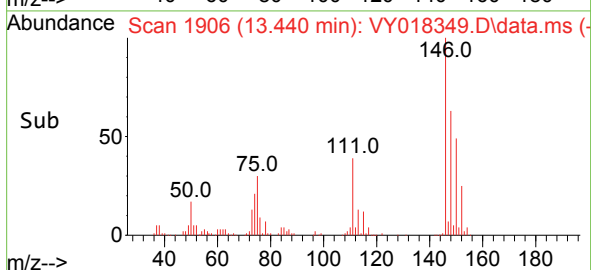
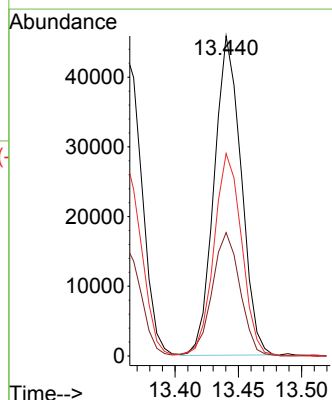
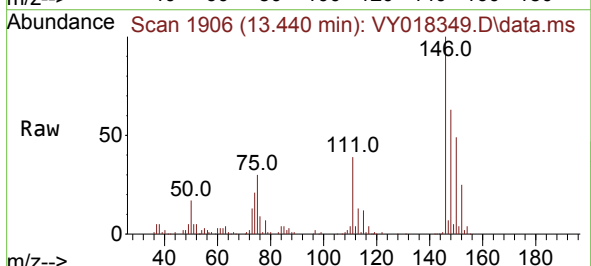
Tgt Ion:146 Resp: 68048

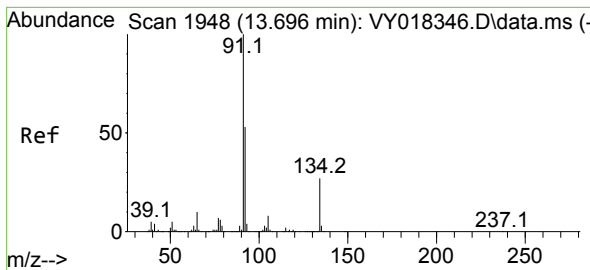
Ion Ratio Lower Upper

146 100

111 40.2 18.4 55.4

148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 19.793 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

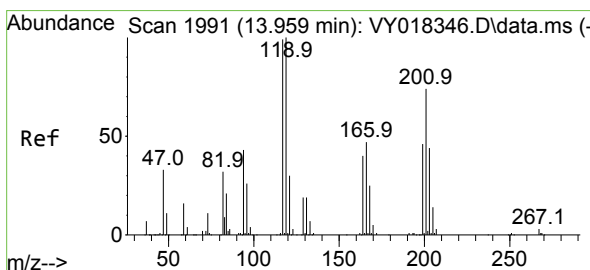
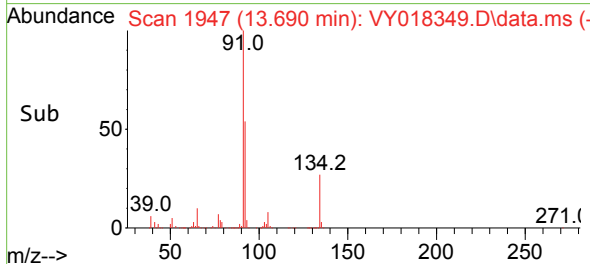
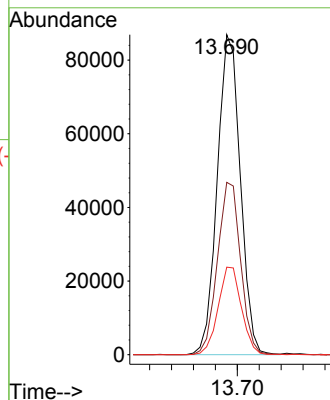
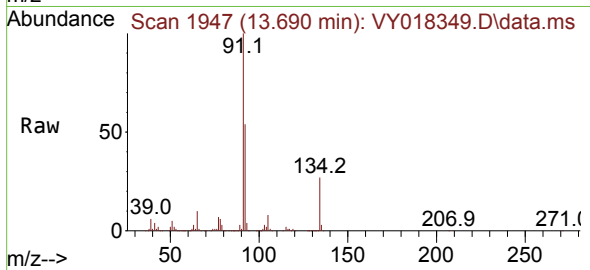
Tgt Ion: 91 Resp: 127223

Ion Ratio Lower Upper

91 100

92 54.2 26.6 79.7

134 27.6 12.9 38.7



#90

Hexachloroethane

Concen: 20.247 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018349.D

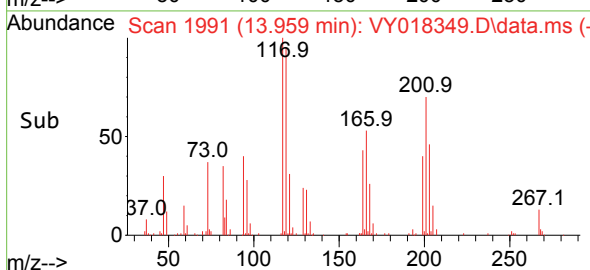
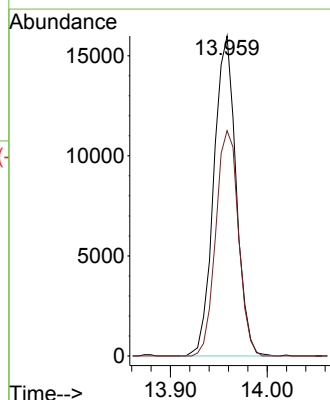
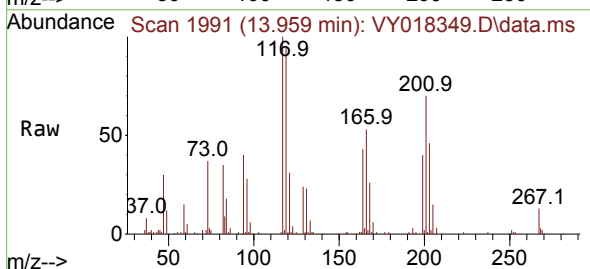
Acq: 22 May 2024 15:03

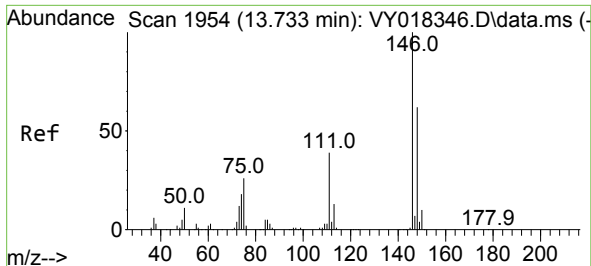
Tgt Ion: 117 Resp: 25574

Ion Ratio Lower Upper

117 100

201 71.5 37.4 112.2

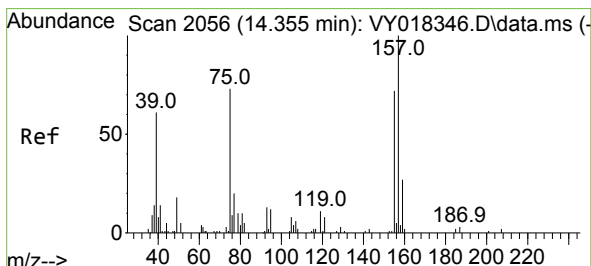
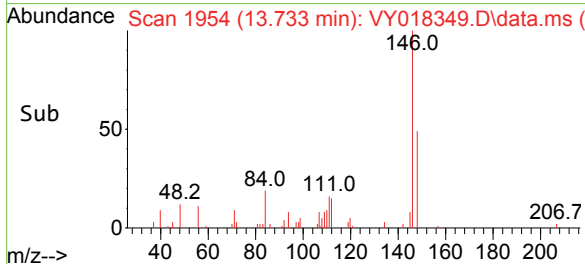
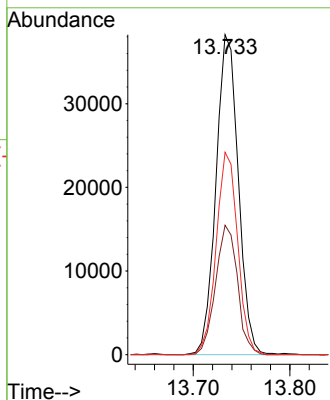
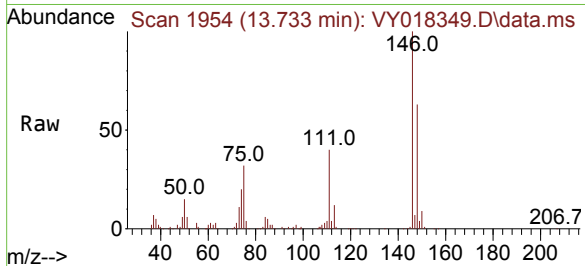




#91
1,2-Dichlorobenzene
Concen: 21.019 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

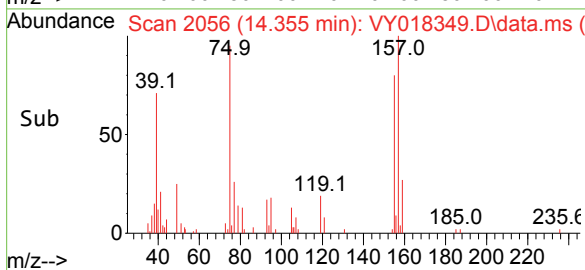
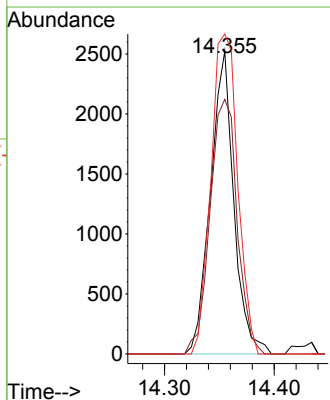
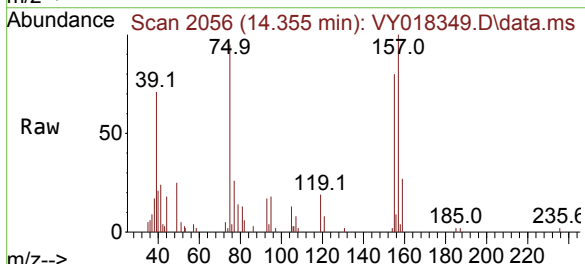
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

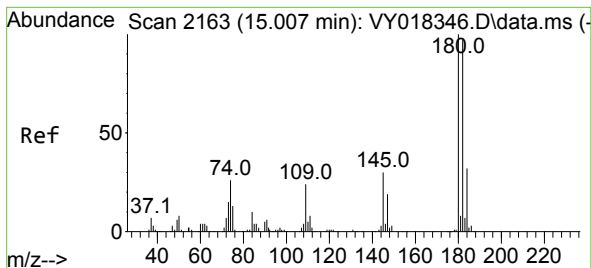
Tgt Ion:	146	Resp:	61227
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	60.9	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.560 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018349.D
Acq: 22 May 2024 15:03

Tgt Ion:	75	Resp:	3740
Ion	Ratio	Lower	Upper
75	100		
155	97.4	48.6	145.8
157	121.5	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.004 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

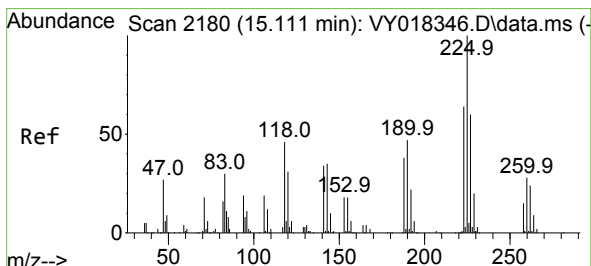
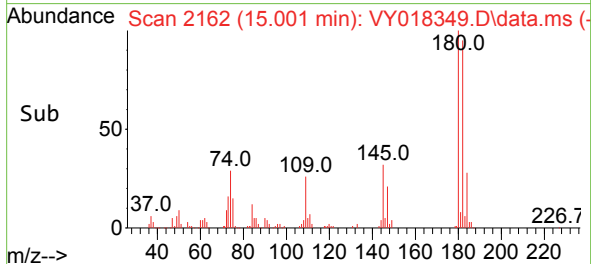
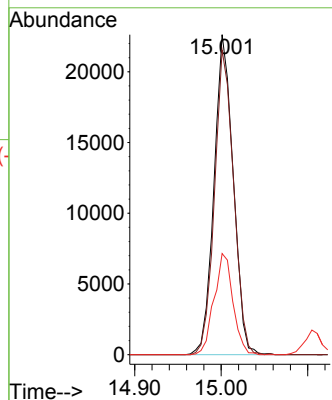
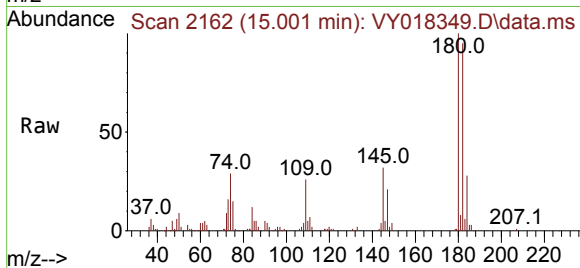
Tgt Ion:180 Resp: 34851

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.049 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

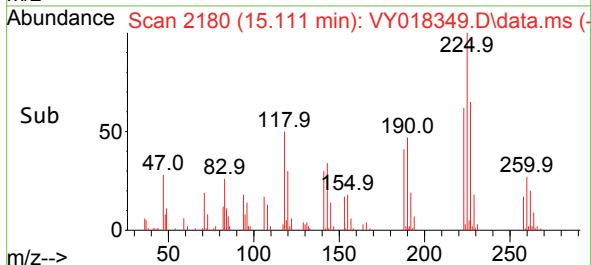
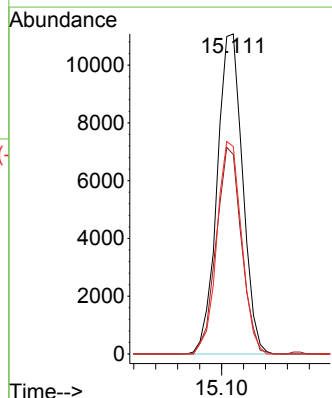
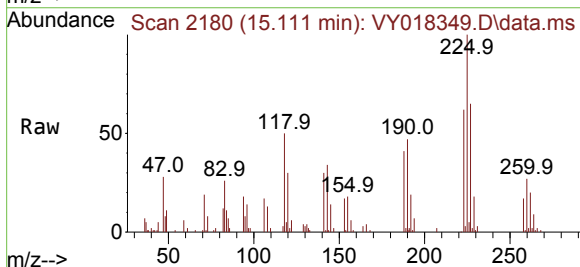
Tgt Ion:225 Resp: 17873

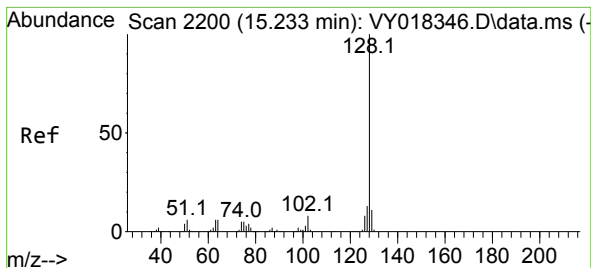
Ion Ratio Lower Upper

225 100

223 63.9 30.4 91.2

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 21.674 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

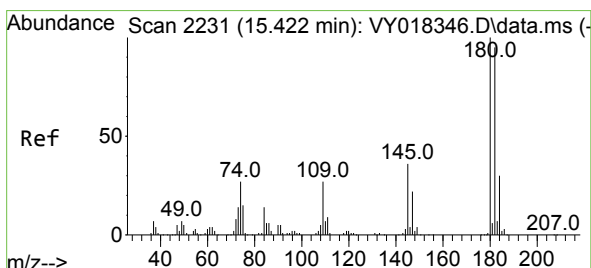
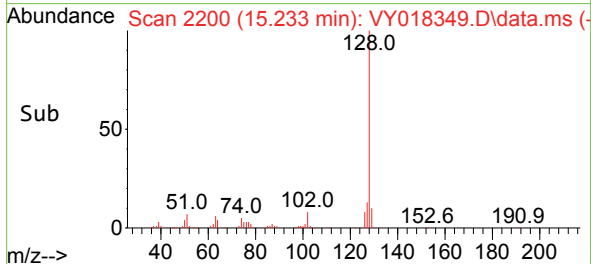
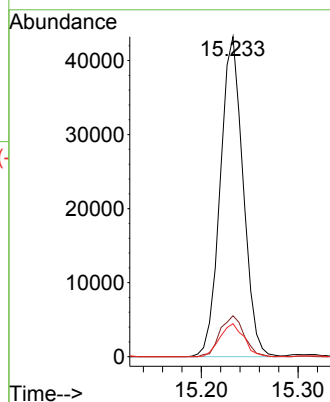
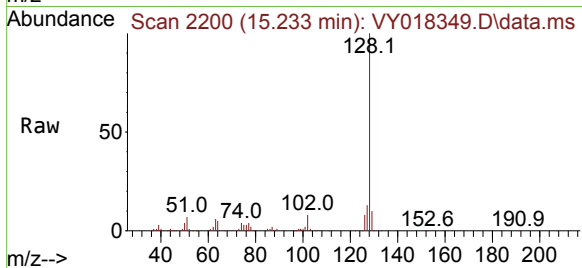
Tgt Ion:128 Resp: 70716

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.657 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018349.D

Acq: 22 May 2024 15:03

Tgt Ion:180 Resp: 30550

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 32.7 15.4 46.1

