

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014205.D
 Acq On : 16 Jun 2023 15:59
 Operator : KP/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 16 23:21:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122913	45.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.716	113	108069	52.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.180%
50) Toluene-d8	10.179	98	373380	48.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.483	95	144605	52.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45882	21.035	ug/l	98
3) Chloromethane	2.113	50	51419	18.591	ug/l	98
4) Vinyl Chloride	2.247	62	51792	19.261	ug/l	94
5) Bromomethane	2.637	94	41227	18.582	ug/l	94
6) Chloroethane	2.784	64	33837	18.519	ug/l	91
7) Trichlorofluoromethane	3.119	101	87637	20.061	ug/l	97
8) Diethyl Ether	3.527	74	26900	18.442	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	41757	18.940	ug/l	95
10) Methyl Iodide	4.088	142	48469	16.649	ug/l	98
11) Tert butyl alcohol	4.954	59	40816	118.594	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	41264	18.466	ug/l	92
13) Acrolein	3.729	56	15151	96.381	ug/l	100
14) Allyl chloride	4.472	41	73434	18.129	ug/l	96
15) Acrylonitrile	5.161	53	67898	90.244	ug/l	99
16) Acetone	3.948	43	66521	80.973	ug/l	96
17) Carbon Disulfide	4.192	76	120496	16.640	ug/l	95
18) Methyl Acetate	4.478	43	55904	17.532	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	122508	18.588	ug/l	99
20) Methylene Chloride	4.710	84	83695	30.514	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	48248	19.358	ug/l	93
22) Diisopropyl ether	6.118	45	154375	19.905	ug/l	97
23) Vinyl Acetate	6.057	43	416134	90.939	ug/l	99
24) 1,1-Dichloroethane	6.015	63	92229	20.625	ug/l	99
25) 2-Butanone	6.984	43	92376	91.348	ug/l	100
26) 2,2-Dichloropropane	6.978	77	85019	20.243	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	55775	20.004	ug/l	99
28) Bromochloromethane	7.338	49	36489	20.066	ug/l	98
29) Tetrahydrofuran	7.350	42	58420	91.104	ug/l	99
30) Chloroform	7.508	83	97955	20.648	ug/l	99
31) Cyclohexane	7.783	56	67461	18.478	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	87258	20.394	ug/l	99
36) 1,1-Dichloropropene	7.911	75	66655	20.610	ug/l	98
37) Ethyl Acetate	7.076	43	39130	17.535	ug/l	98
38) Carbon Tetrachloride	7.899	117	79286	21.244	ug/l	98
39) Methylcyclohexane	9.185	83	67953	18.937	ug/l	99
40) Benzene	8.161	78	200315	20.829	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014205.D
 Acq On : 16 Jun 2023 15:59
 Operator : KP/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 16 23:21:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	57663	50.633	ug/l #	17
42) 1,2-Dichloroethane	8.240	62	68877	20.253	ug/l	99
43) Isopropyl Acetate	8.270	43	73491	18.790	ug/l #	90
44) Trichloroethene	8.941	130	53260	20.728	ug/l	99
45) 1,2-Dichloropropane	9.215	63	51194	20.958	ug/l	99
46) Dibromomethane	9.307	93	30064	19.994	ug/l	96
47) Bromodichloromethane	9.496	83	72718	20.655	ug/l	98
48) Methyl methacrylate	9.295	41	32801	17.981	ug/l	96
49) 1,4-Dioxane	9.301	88	7452	390.038	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	201438	94.801	ug/l	100
52) Toluene	10.246	92	124143	20.824	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	74629	20.136	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	81747	20.216	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	40567	20.341	ug/l	99
56) Ethyl methacrylate	10.508	69	51510	18.725	ug/l	99
57) 1,3-Dichloropropane	10.788	76	68690	20.138	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	66908	76.820	ug/l	99
59) 2-Hexanone	10.831	43	141406	92.140	ug/l	100
60) Dibromochloromethane	10.983	129	53070	20.791	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38864	19.745	ug/l	97
64) Tetrachloroethene	10.721	164	48189	20.197	ug/l	98
65) Chlorobenzene	11.514	112	137501	20.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	55077	20.819	ug/l	99
67) Ethyl Benzene	11.593	91	244552	20.772	ug/l	99
68) m/p-Xylenes	11.703	106	190073	41.973	ug/l	99
69) o-Xylene	12.026	106	89928	21.004	ug/l	98
70) Styrene	12.044	104	154019	21.078	ug/l	99
71) Bromoform	12.209	173	35603	19.651	ug/l #	99
73) Isopropylbenzene	12.331	105	235720	19.857	ug/l	100
74) N-amyl acetate	12.142	43	67506	17.945	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	49596	18.697	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	66551	32.598	ug/l #	100
77) Bromobenzene	12.605	156	60638	19.435	ug/l	96
78) n-propylbenzene	12.672	91	291032	20.072	ug/l	99
79) 2-Chlorotoluene	12.757	91	168374	20.182	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	205782	20.245	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17270	18.285	ug/l	99
82) 4-Chlorotoluene	12.855	91	180655	20.434	ug/l	99
83) tert-Butylbenzene	13.074	119	169068	19.573	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	203400	20.215	ug/l	99
85) sec-Butylbenzene	13.251	105	255235	20.324	ug/l	100
86) p-Isopropyltoluene	13.367	119	212826	19.802	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	120033	20.149	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	119431	19.898	ug/l	99
89) n-Butylbenzene	13.696	91	200396	20.103	ug/l	99
90) Hexachloroethane	13.958	117	44205	20.641	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	107837	20.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8888	17.596	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	66602	19.650	ug/l	99
94) Hexachlorobutadiene	15.111	225	40177	20.532	ug/l	98
95) Naphthalene	15.233	128	121382	17.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58215	19.008	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
Data File : VY014205.D
Acq On : 16 Jun 2023 15:59
Operator : KP/MD
Sample : VY0616SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

Quant Time: Jun 16 23:21:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

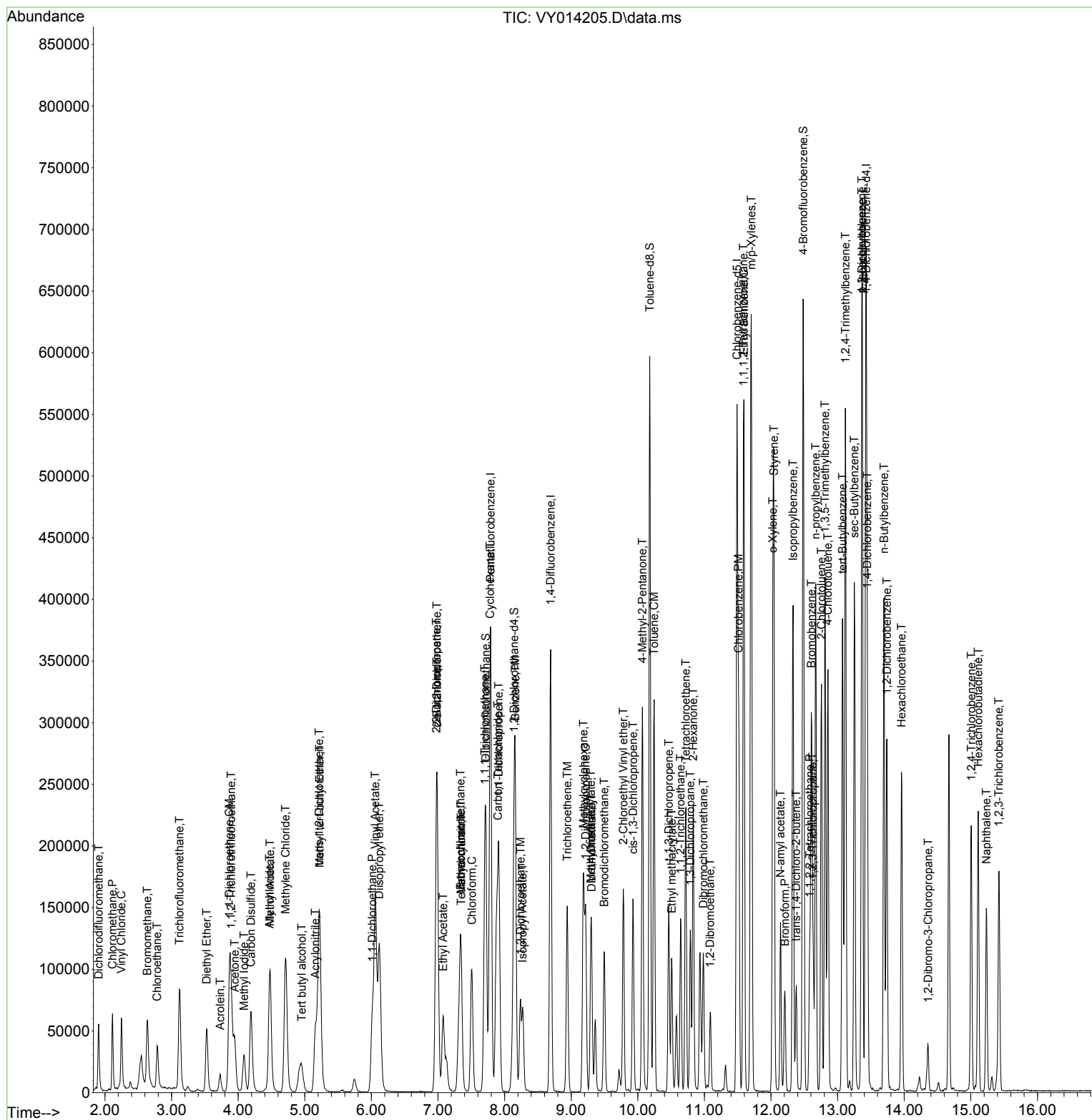
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

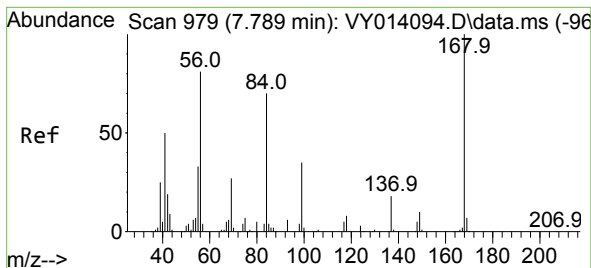
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014205.D
 Acq On : 16 Jun 2023 15:59
 Operator : KP/MD
 Sample : VY0616SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBSD01

Quant Time: Jun 16 23:21:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

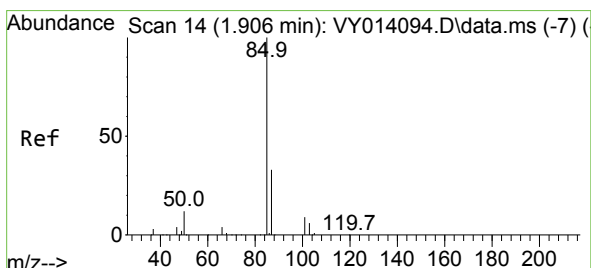
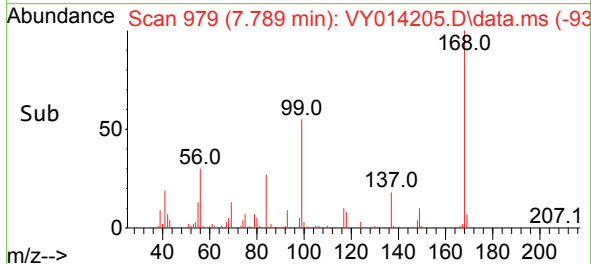
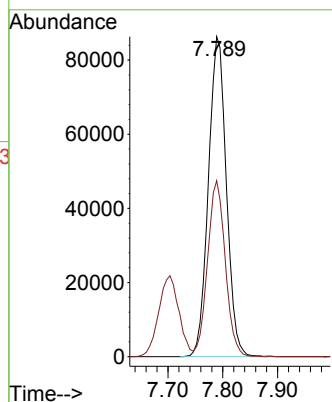
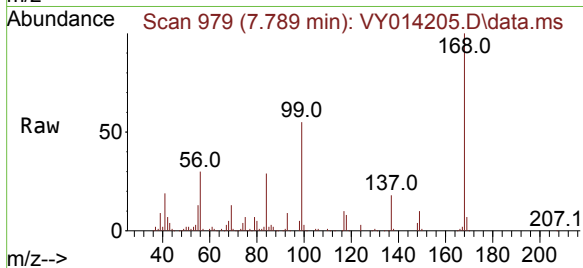




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

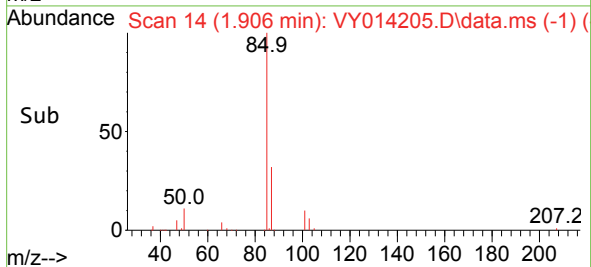
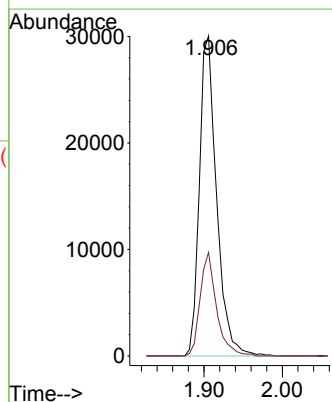
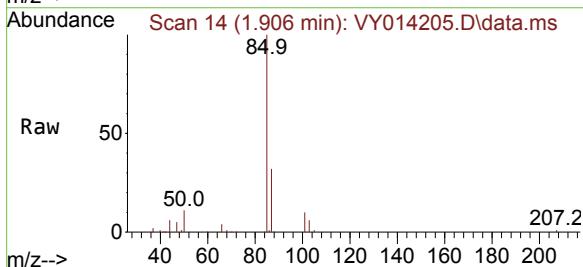
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

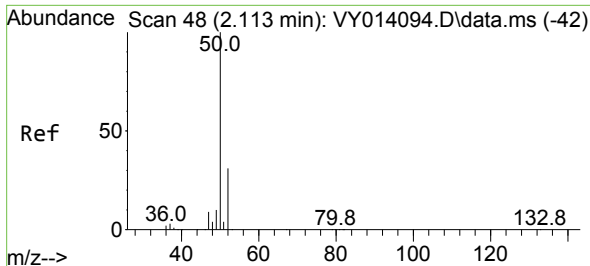
Tgt Ion:168 Resp: 195717
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.035 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 85 Resp: 45882
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

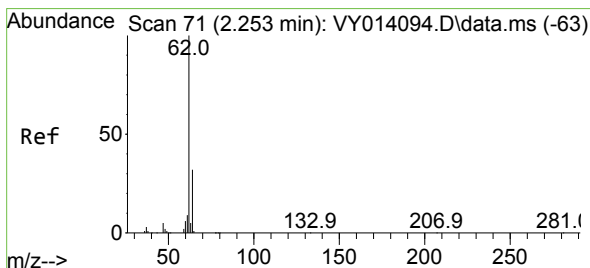
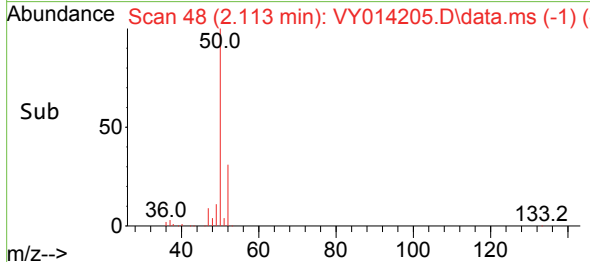
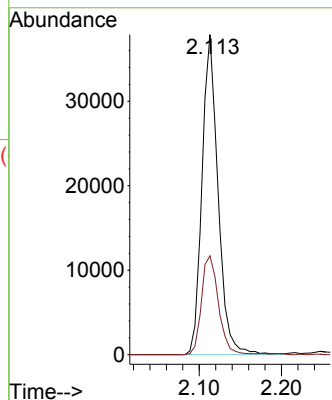
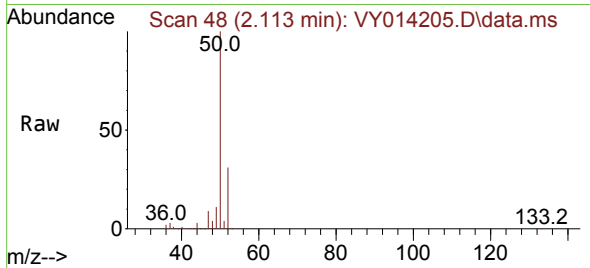




#3
Chloromethane
Concen: 18.591 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

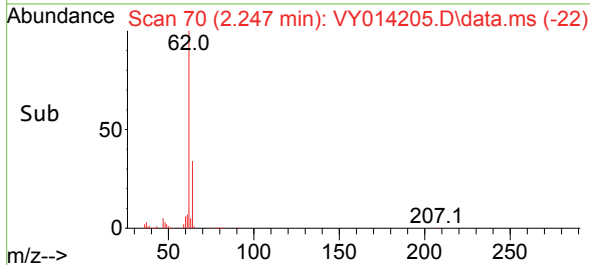
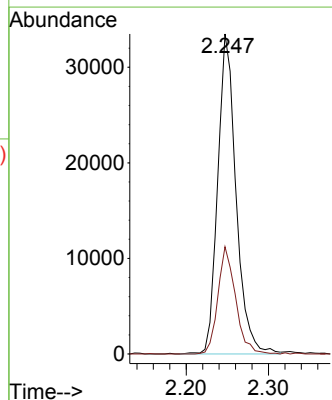
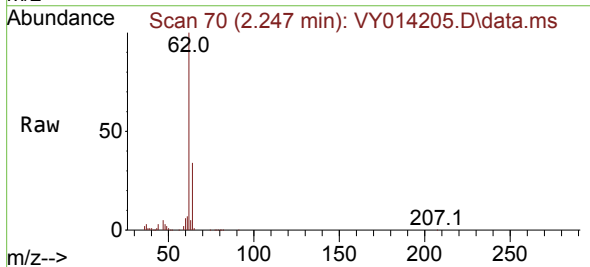
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

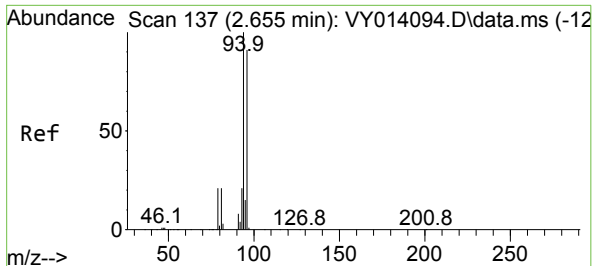
Tgt Ion: 50 Resp: 51419
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#4
Vinyl Chloride
Concen: 19.261 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 62 Resp: 51792
Ion Ratio Lower Upper
62 100
64 33.5 24.3 36.5

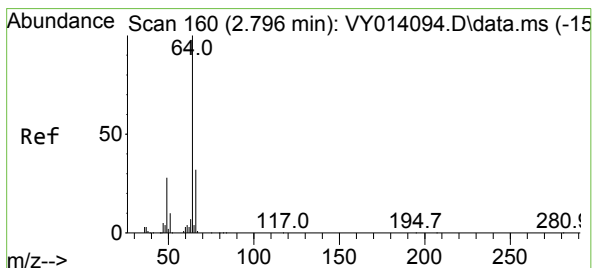
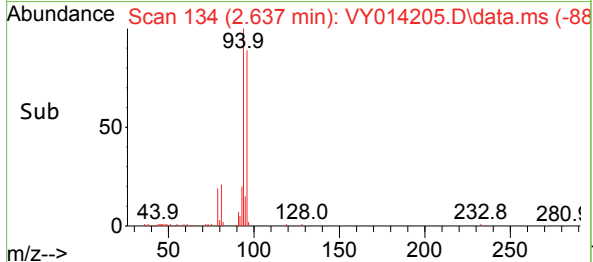
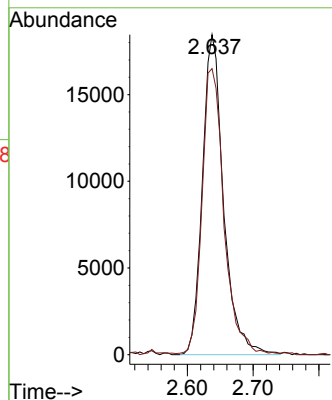
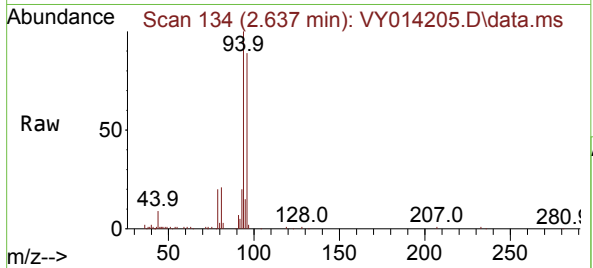




#5
Bromomethane
Concen: 18.582 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

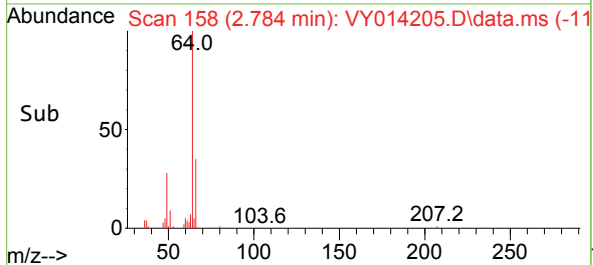
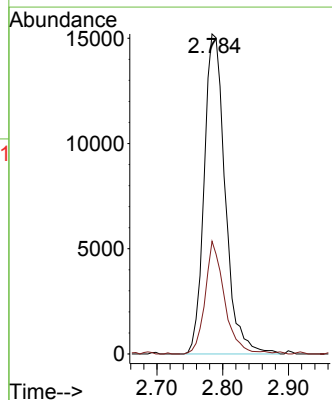
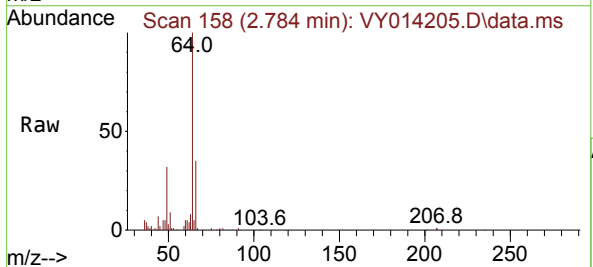
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

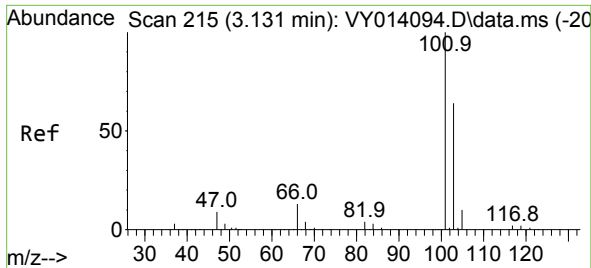
Tgt Ion: 94 Resp: 41227
Ion Ratio Lower Upper
94 100
96 88.9 75.8 113.6



#6
Chloroethane
Concen: 18.519 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 64 Resp: 33837
Ion Ratio Lower Upper
64 100
66 35.2 24.4 36.6

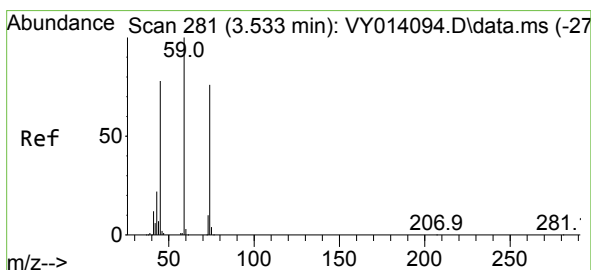
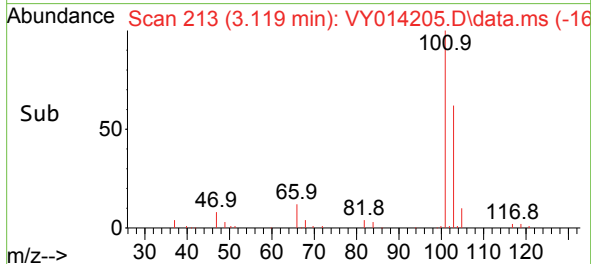
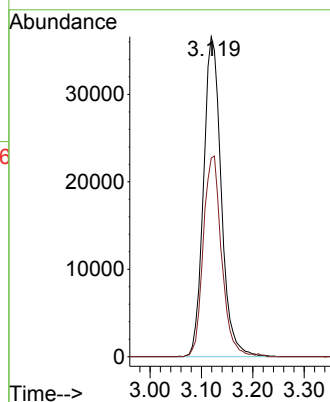
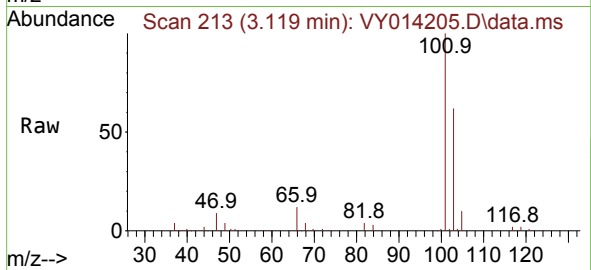




#7
Trichlorofluoromethane
Concen: 20.061 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

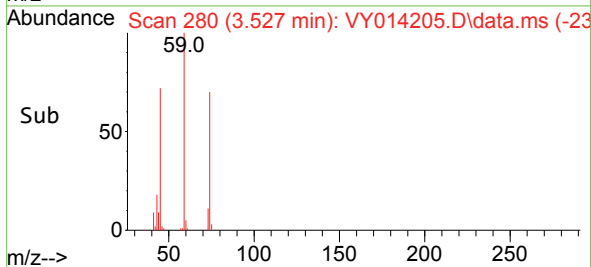
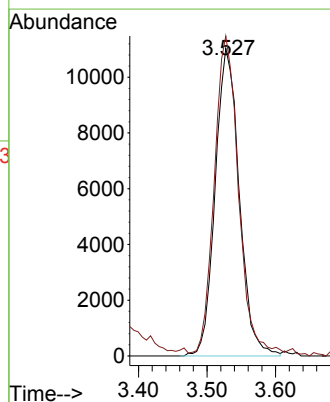
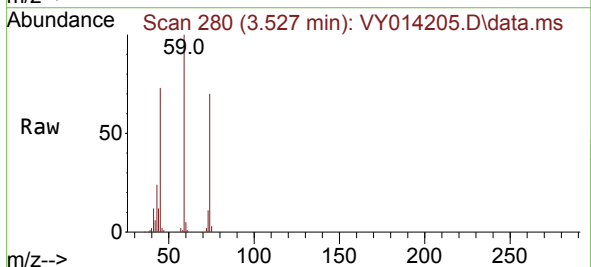
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

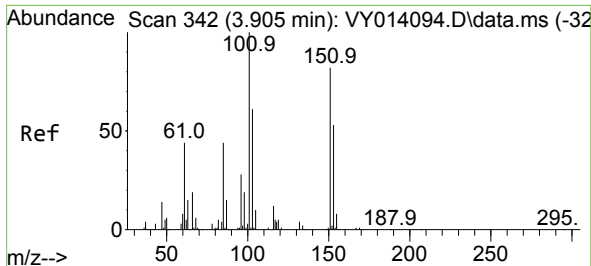
Tgt Ion:101 Resp: 87637
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.0



#8
Diethyl Ether
Concen: 18.442 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 74 Resp: 26900
Ion Ratio Lower Upper
74 100
45 101.8 51.5 154.5

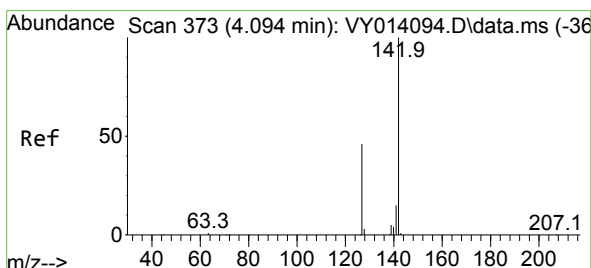
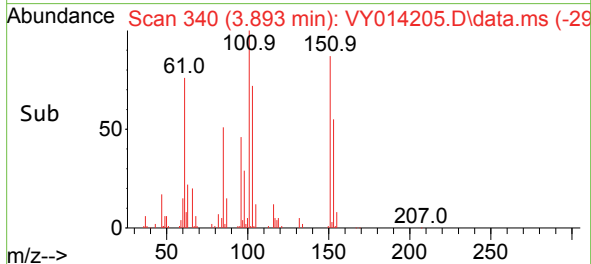
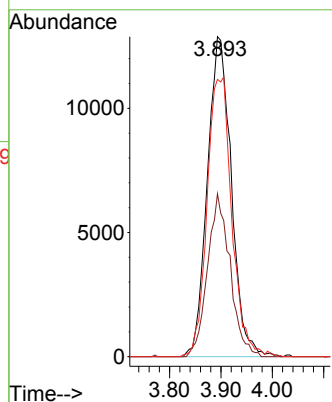
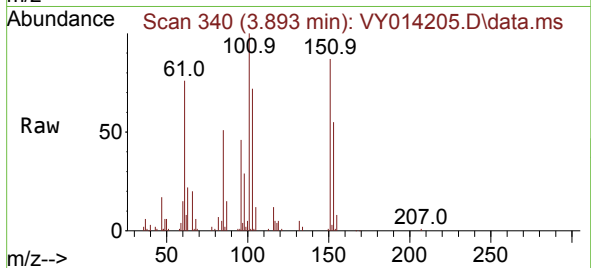




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.940 ug/l
 RT: 3.893 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

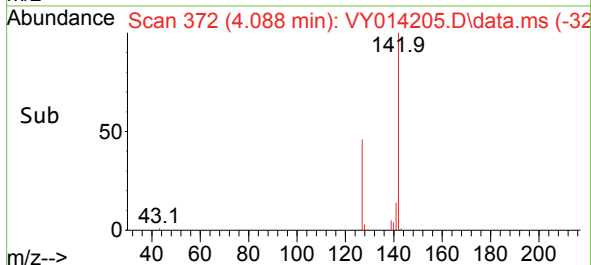
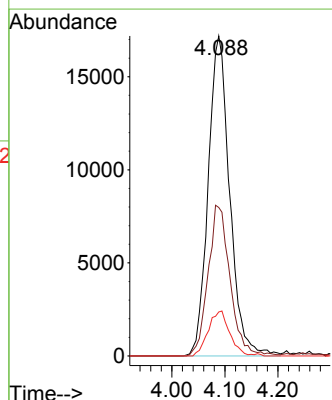
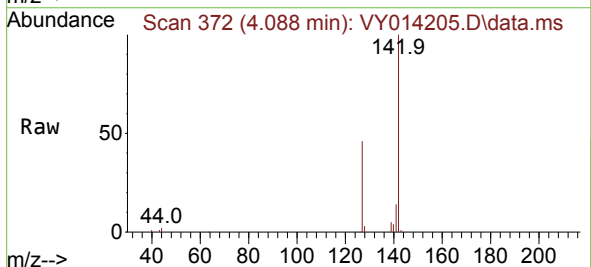
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

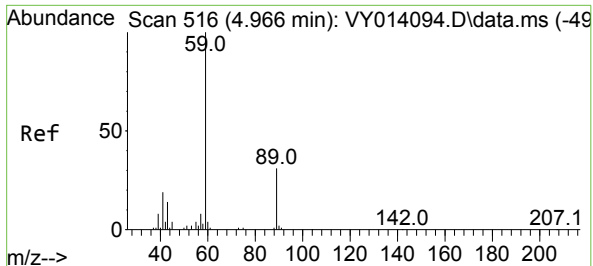
Tgt Ion:101 Resp: 41757
 Ion Ratio Lower Upper
 101 100
 85 47.8 36.6 55.0
 151 90.0 67.0 100.6



#10
 Methyl Iodide
 Concen: 16.649 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. -0.006 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

Tgt Ion:142 Resp: 48469
 Ion Ratio Lower Upper
 142 100
 127 48.2 37.6 56.4
 141 14.0 11.8 17.8

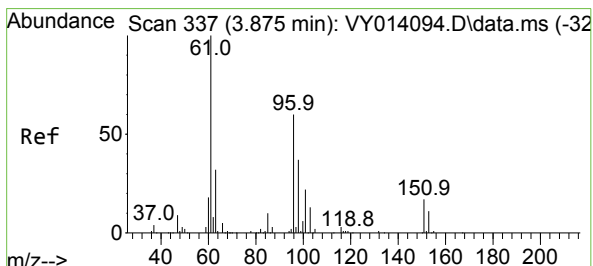
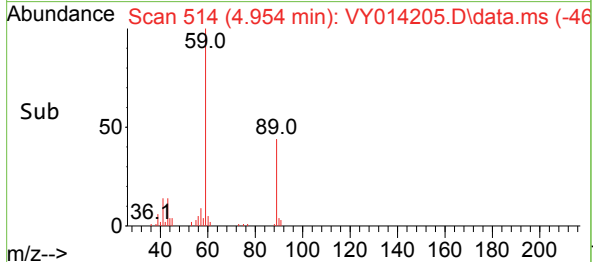
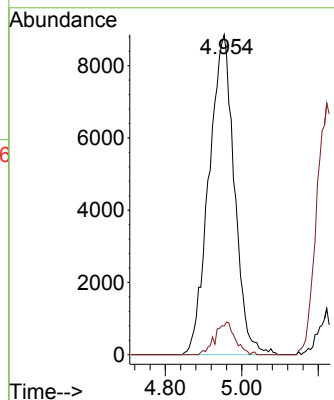
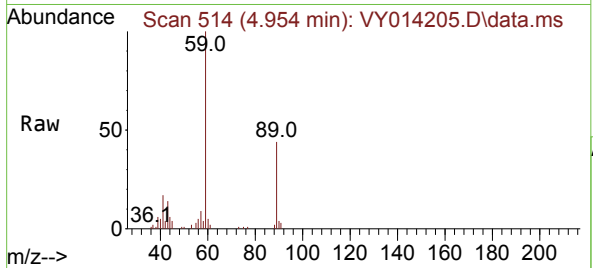




#11
Tert butyl alcohol
Concen: 118.594 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

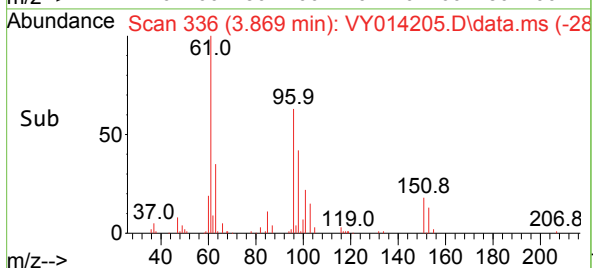
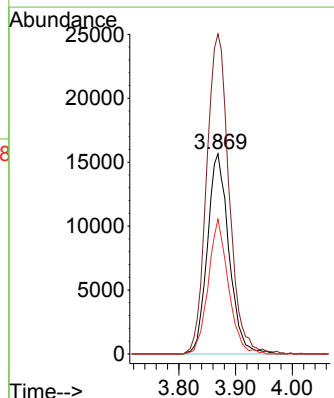
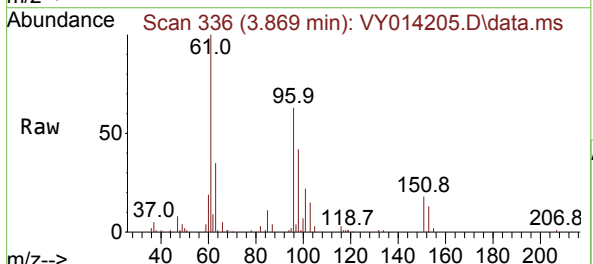
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

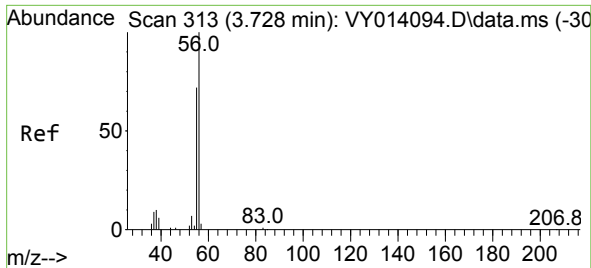
Tgt Ion: 59 Resp: 40816
Ion Ratio Lower Upper
59 100
57 7.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.466 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 96 Resp: 41264
Ion Ratio Lower Upper
96 100
61 159.9 136.4 204.6
98 67.4 49.4 74.2

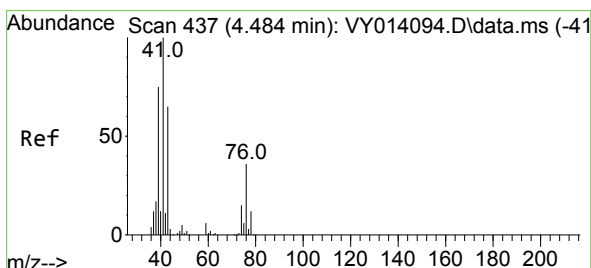
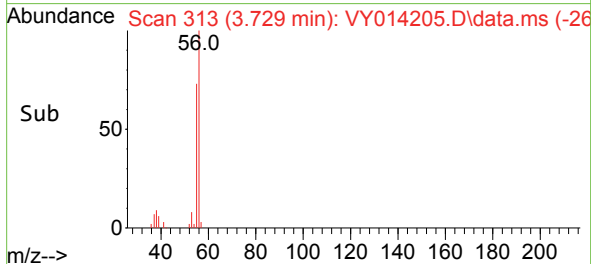
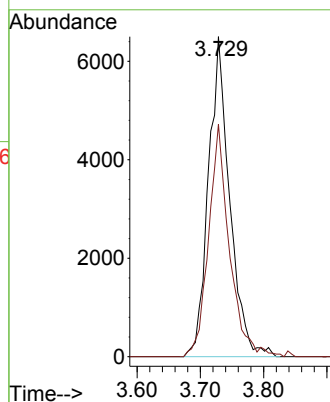
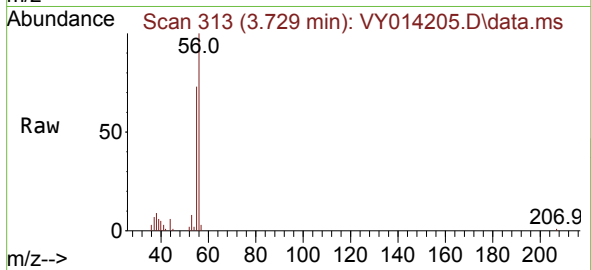




#13
Acrolein
Concen: 96.381 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

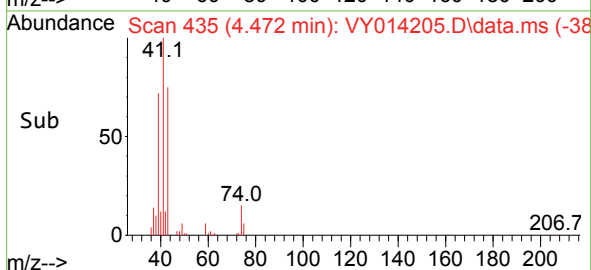
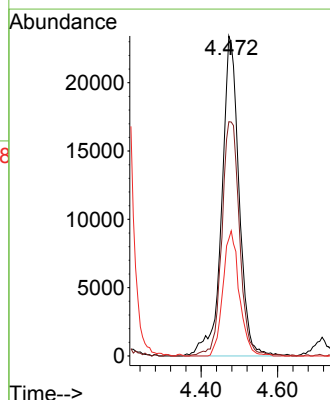
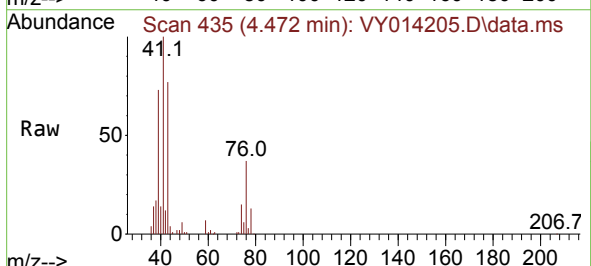
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

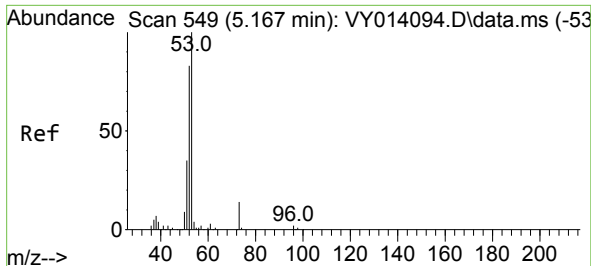
Tgt Ion: 56 Resp: 15151
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.4



#14
Allyl chloride
Concen: 18.129 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 41 Resp: 73434
Ion Ratio Lower Upper
41 100
39 74.9 58.0 87.0
76 37.3 27.4 41.2

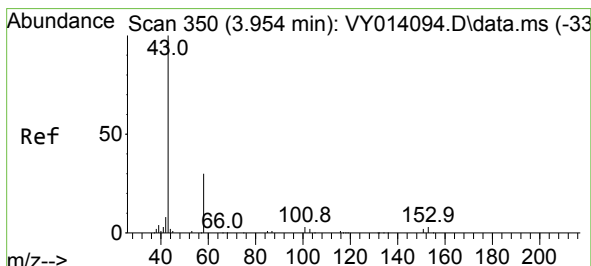
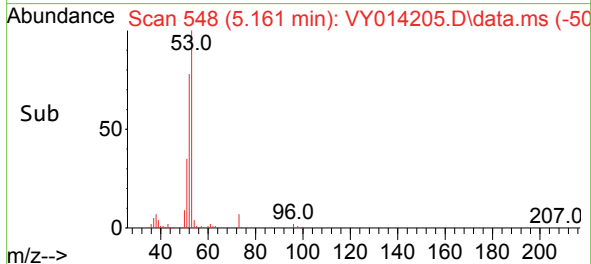
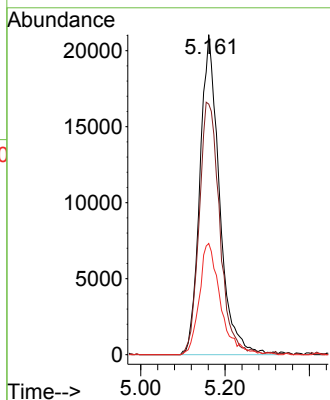
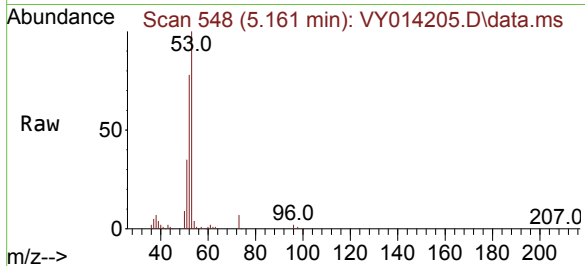




#15
Acrylonitrile
Concen: 90.244 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

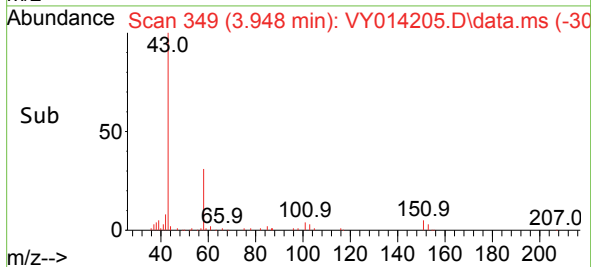
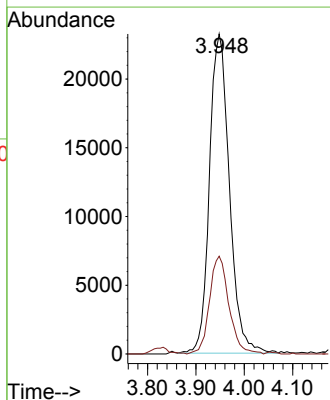
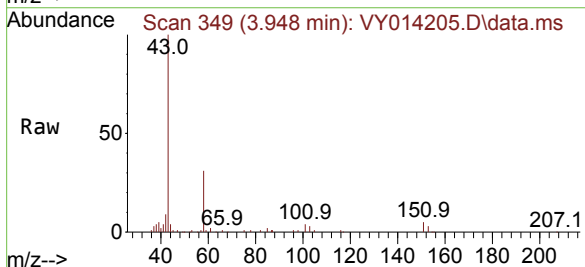
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

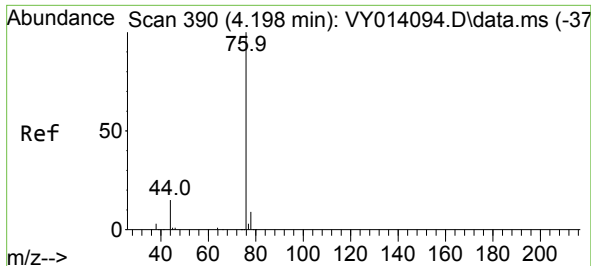
Tgt Ion: 53 Resp: 67898
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 37.6 29.8 44.6



#16
Acetone
Concen: 80.973 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 43 Resp: 66521
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1

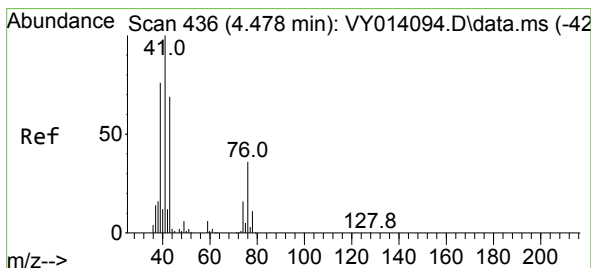
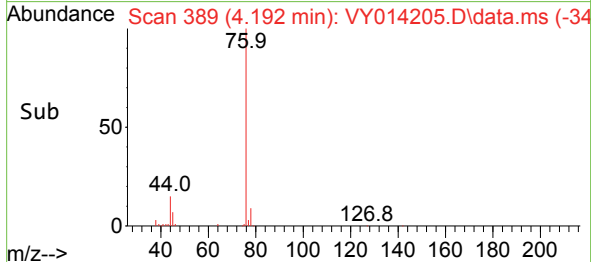
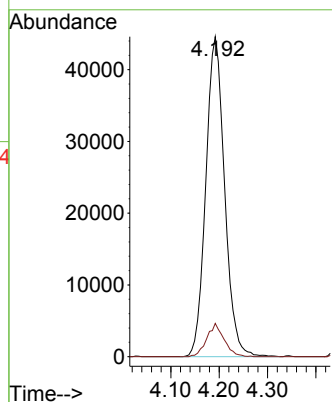
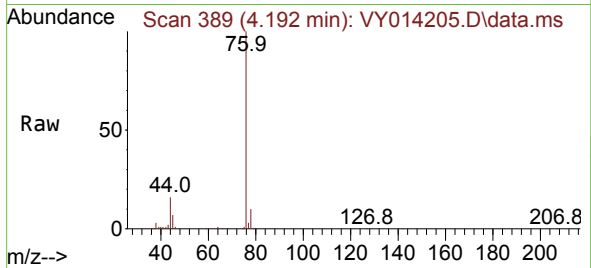




#17
Carbon Disulfide
Concen: 16.640 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

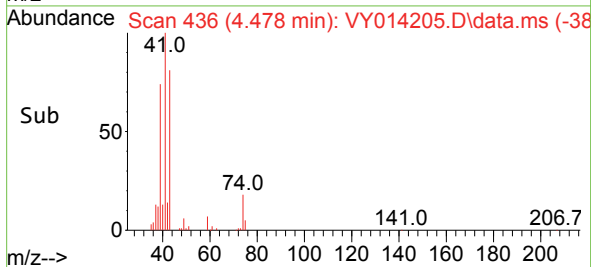
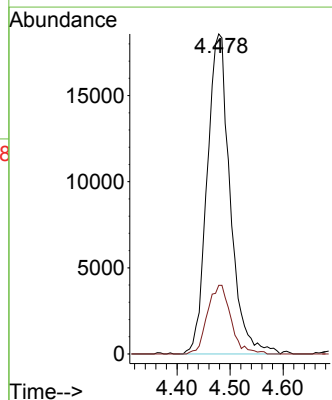
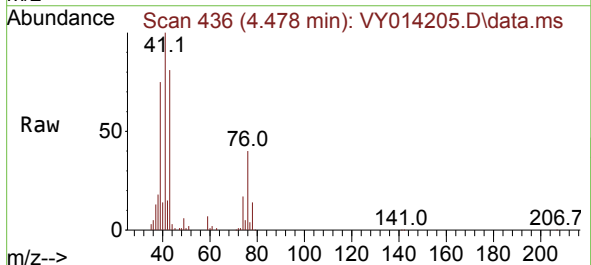
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

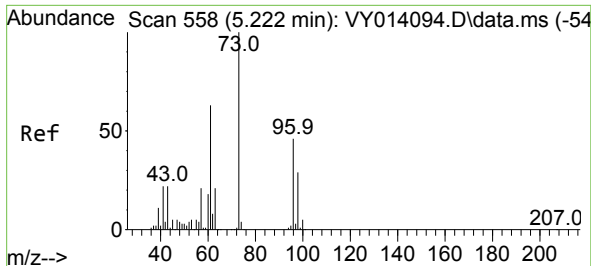
Tgt Ion: 76 Resp: 120496
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4



#18
Methyl Acetate
Concen: 17.532 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 43 Resp: 55904
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0

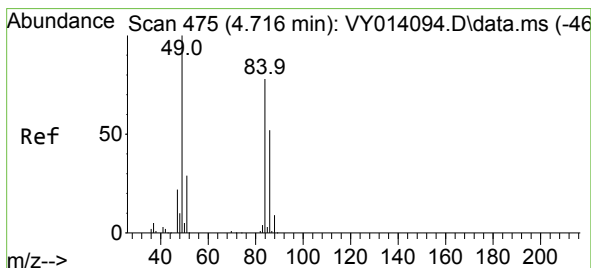
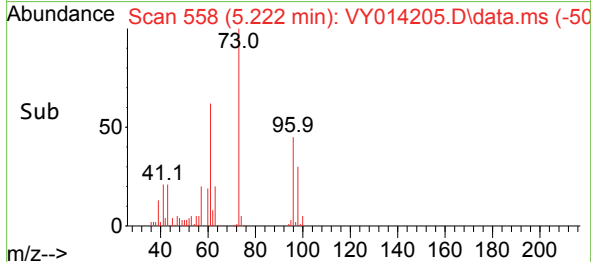
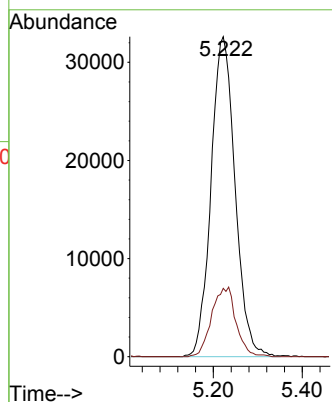
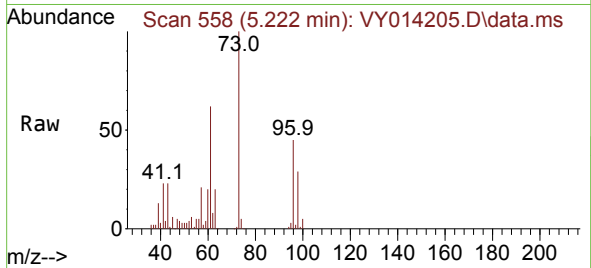




#19
Methyl tert-butyl Ether
Concen: 18.588 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

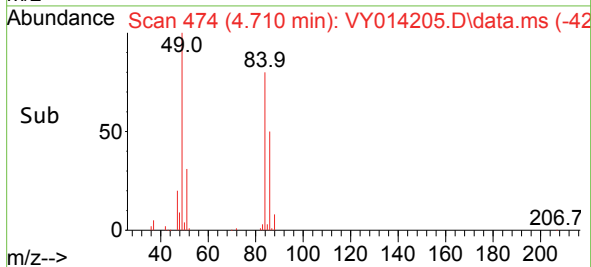
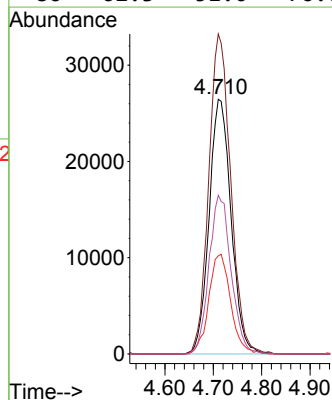
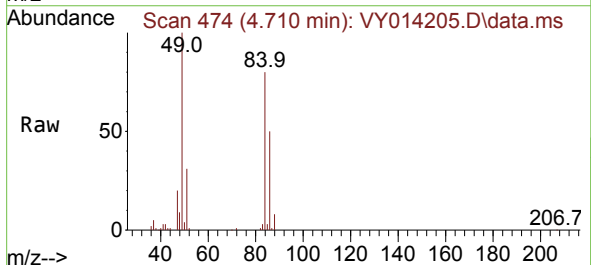
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

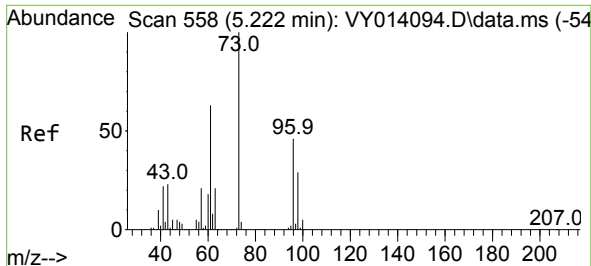
Tgt Ion: 73 Resp: 122508
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 30.514 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 84 Resp: 83695
Ion Ratio Lower Upper
84 100
49 125.6 106.9 160.3
51 38.5 33.2 49.8
86 62.3 51.0 76.6

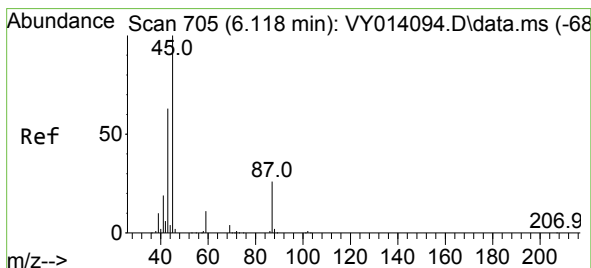
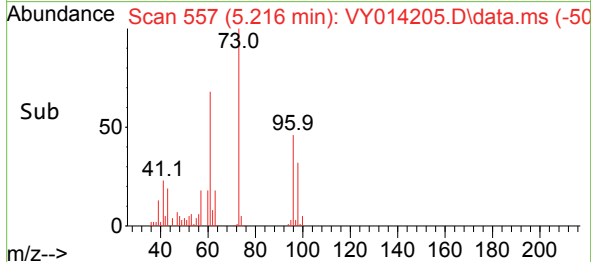
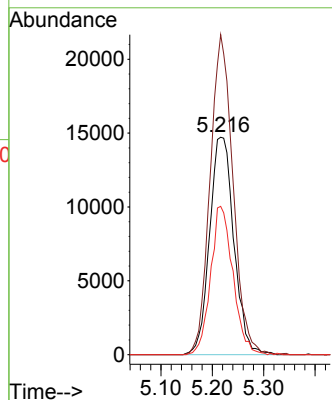
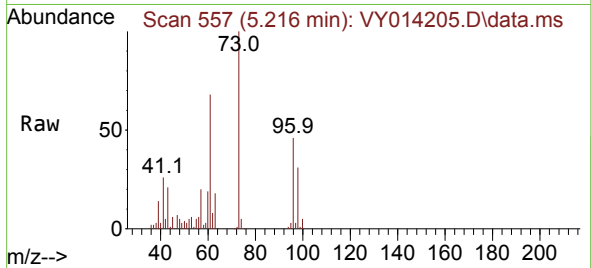




#21
trans-1,2-Dichloroethene
Concen: 19.358 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

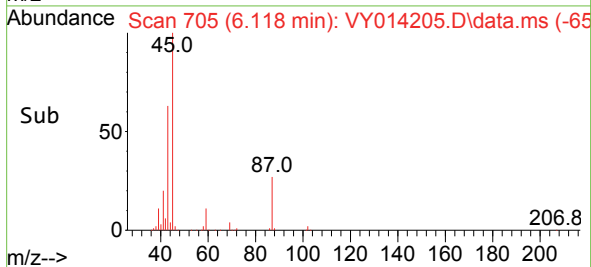
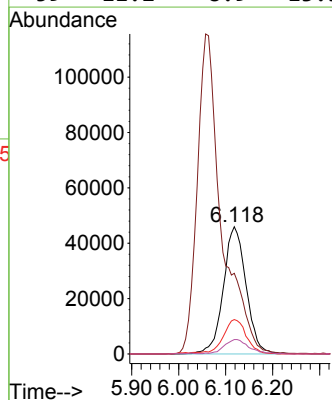
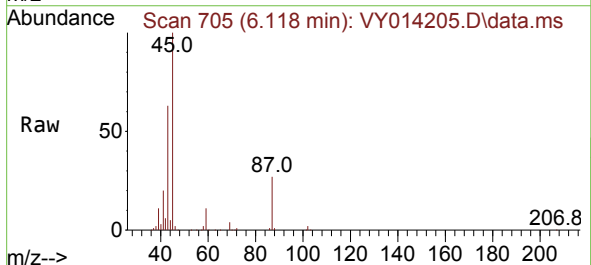
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

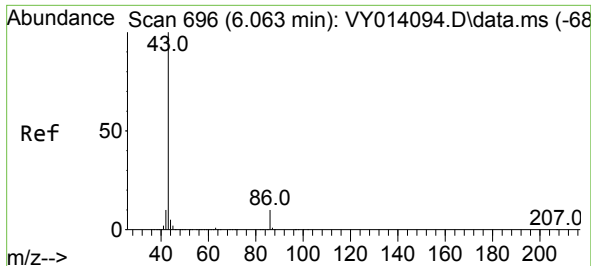
Tgt Ion: 96 Resp: 48248
Ion Ratio Lower Upper
96 100
61 147.2 110.2 165.4
98 68.2 51.8 77.6



#22
Diisopropyl ether
Concen: 19.905 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 45 Resp: 154375
Ion Ratio Lower Upper
45 100
43 62.7 52.2 78.4
87 27.1 21.0 31.6
59 11.2 8.9 13.3

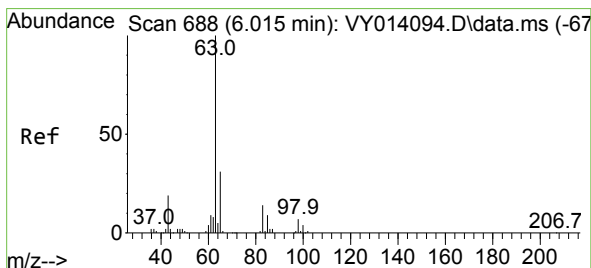
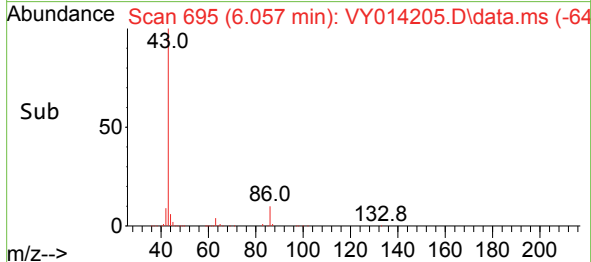
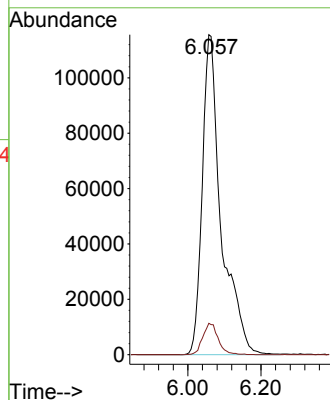
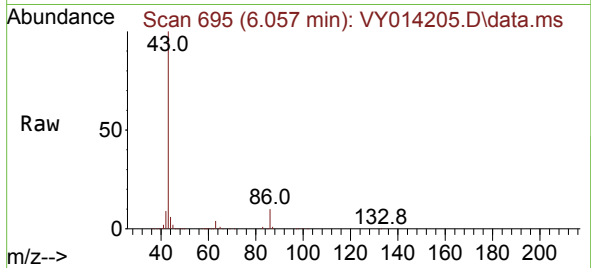




#23
 Vinyl Acetate
 Concen: 90.939 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

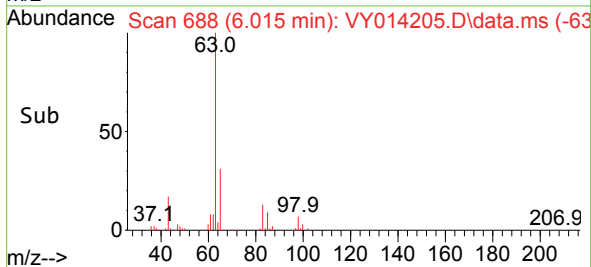
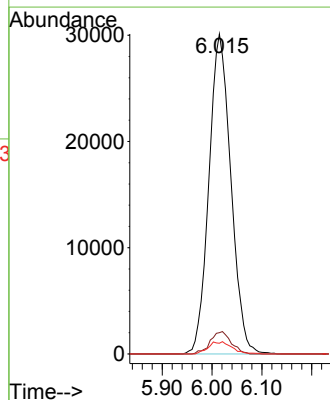
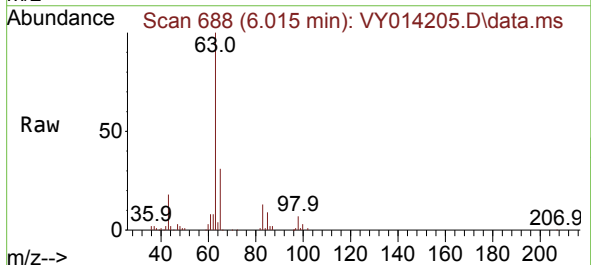
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

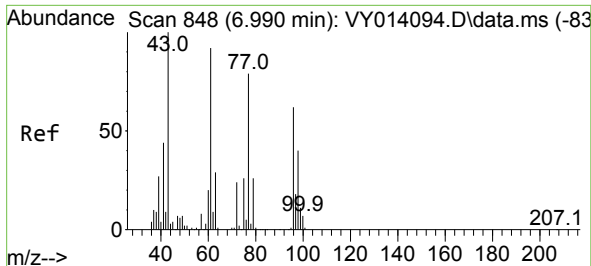
Tgt Ion: 43 Resp: 416134
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.625 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

Tgt Ion: 63 Resp: 92229
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 3.4 1.8 5.5

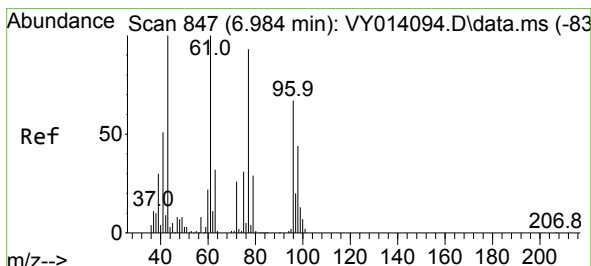
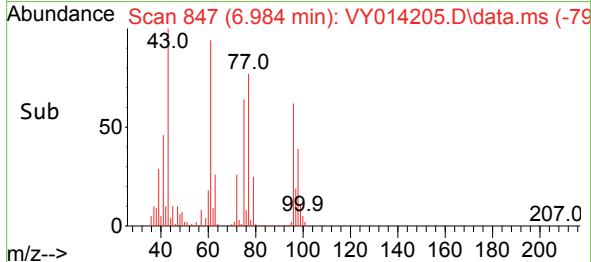
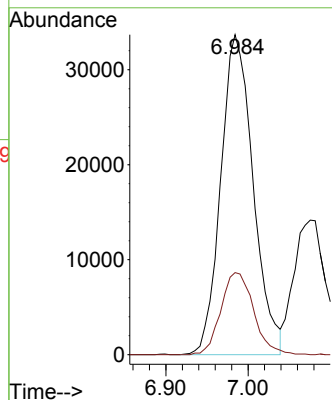
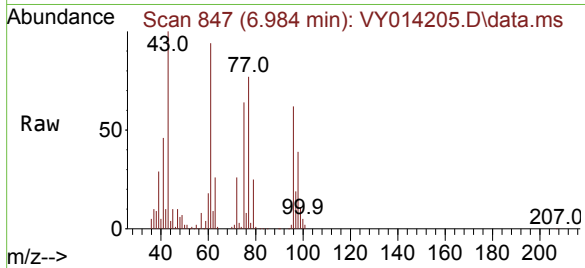




#25
2-Butanone
Concen: 91.348 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

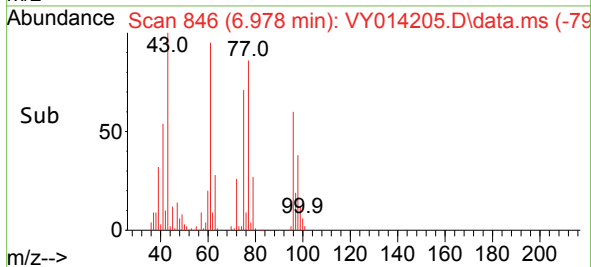
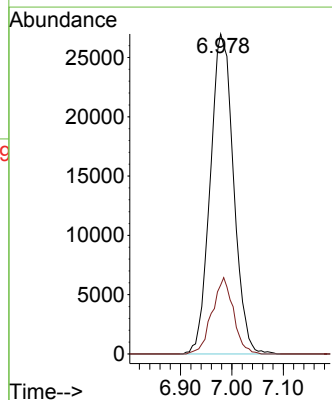
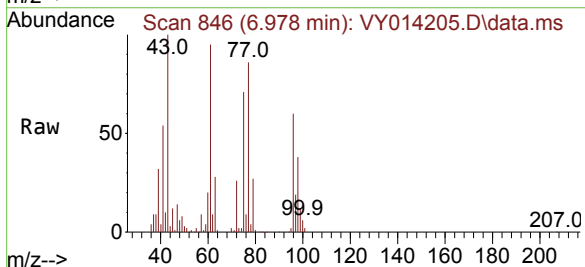
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

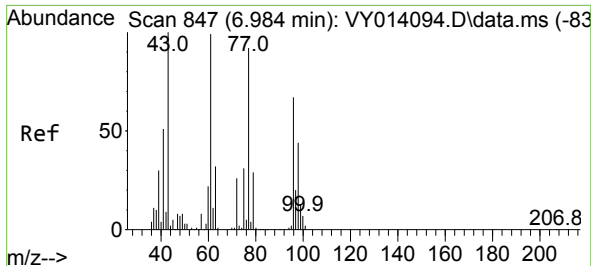
Tgt Ion: 43 Resp: 92376
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.243 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 77 Resp: 85019
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9

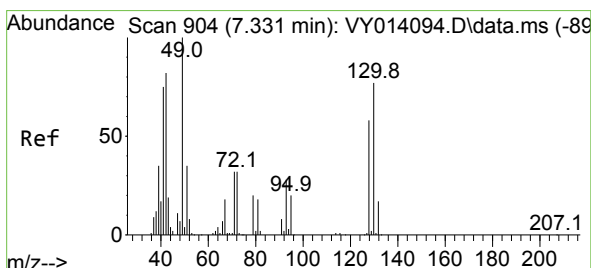
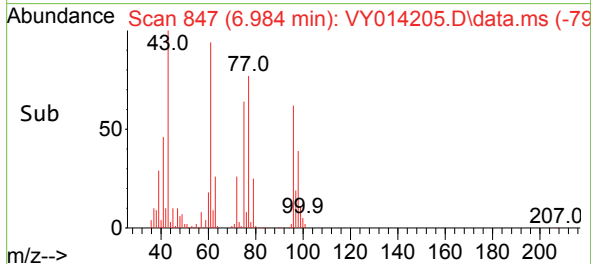
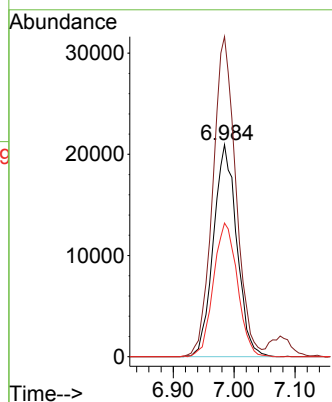
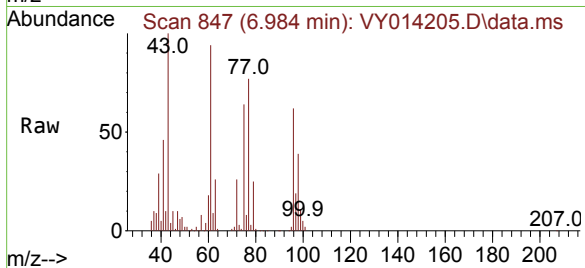




#27
 cis-1,2-Dichloroethene
 Concen: 20.004 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

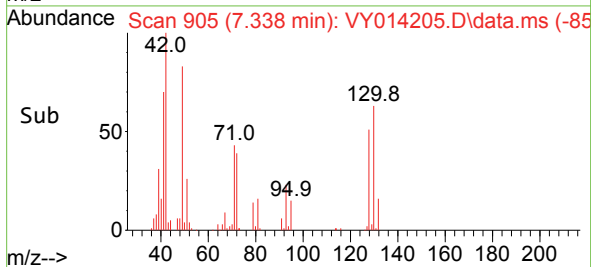
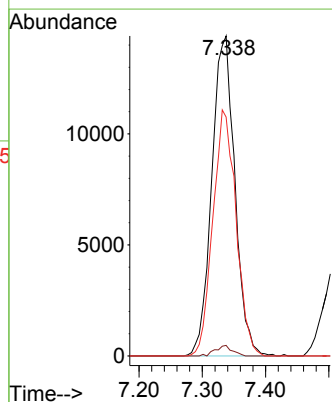
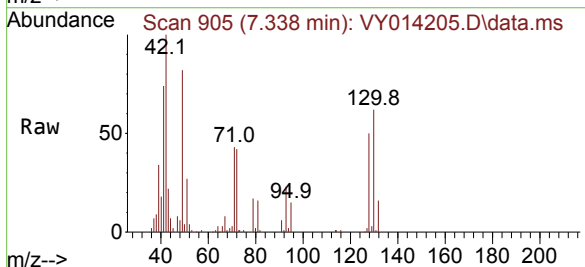
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

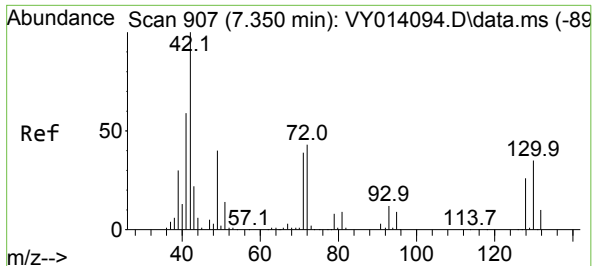
Tgt Ion:	96	Resp:	55775
Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	301.4
98	64.9	0.0	130.4



#28
 Bromochloromethane
 Concen: 20.066 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

Tgt Ion:	49	Resp:	36489
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	77.3	60.7	91.1





#29

Tetrahydrofuran

Concen: 91.104 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

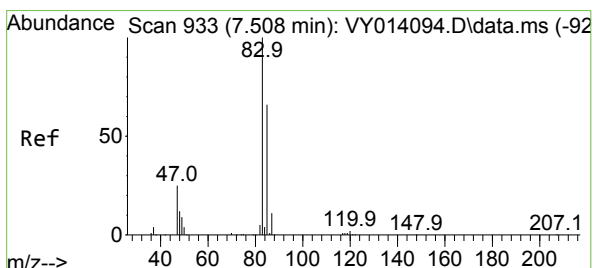
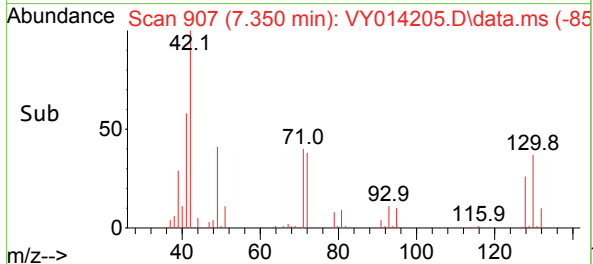
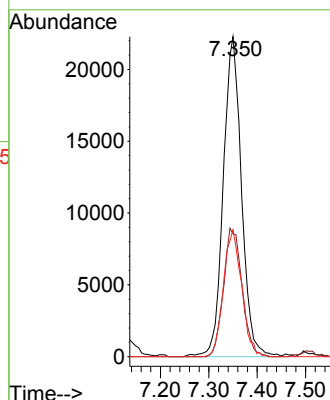
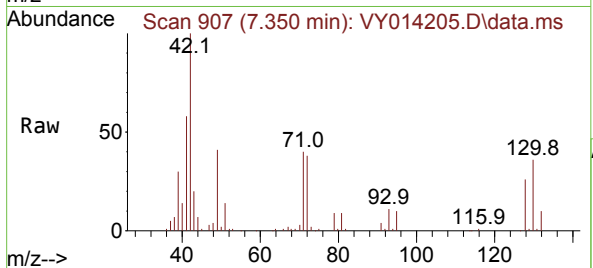
Tgt Ion: 42 Resp: 58420

Ion Ratio Lower Upper

42 100

72 40.7 32.8 49.2

71 39.7 31.0 46.4



#30

Chloroform

Concen: 20.648 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014205.D

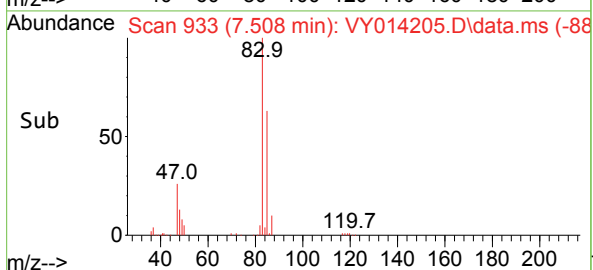
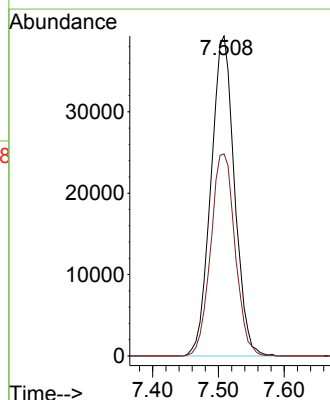
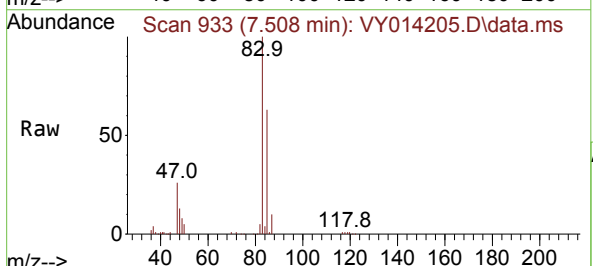
Acq: 16 Jun 2023 15:59

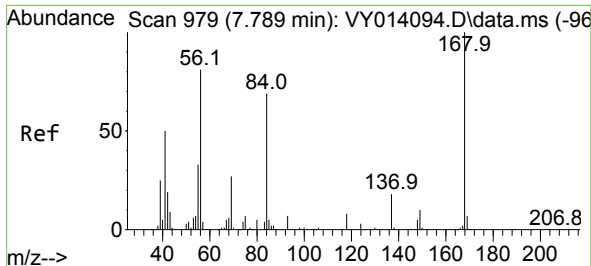
Tgt Ion: 83 Resp: 97955

Ion Ratio Lower Upper

83 100

85 63.2 49.7 74.5

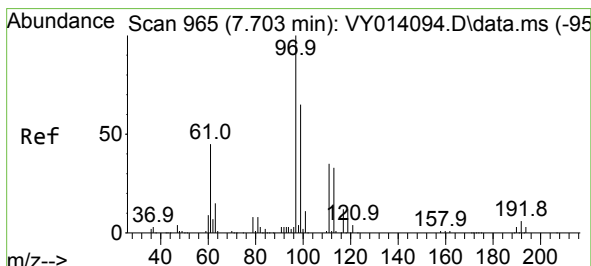
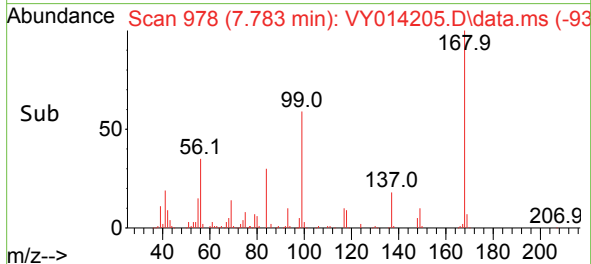
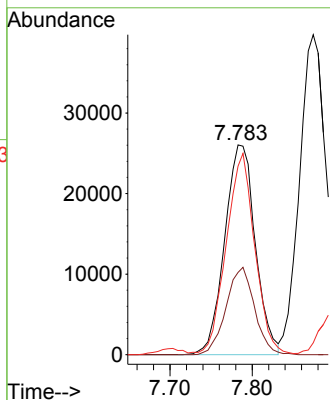
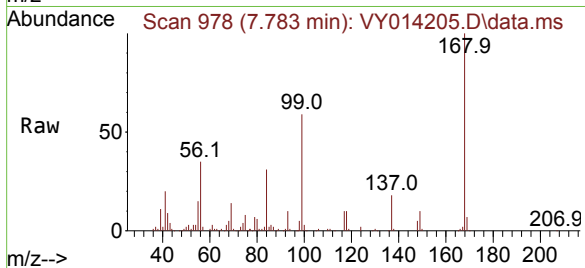




#31
Cyclohexane
Concen: 18.478 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

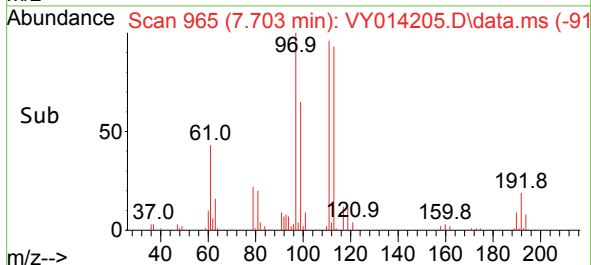
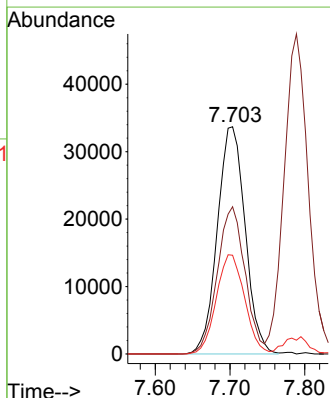
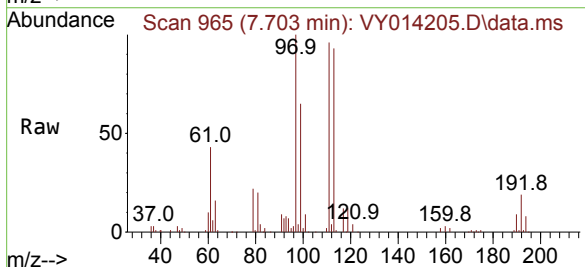
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

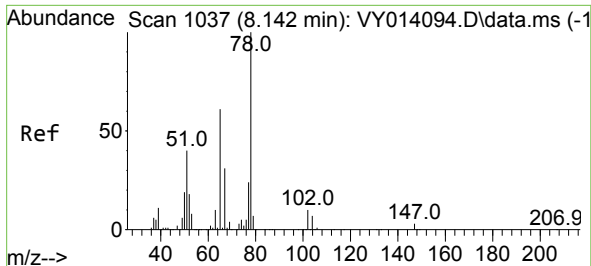
Tgt Ion: 56 Resp: 67461
Ion Ratio Lower Upper
56 100
69 39.2 27.8 41.6
84 87.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.394 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 97 Resp: 87258
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.4 35.1 52.7

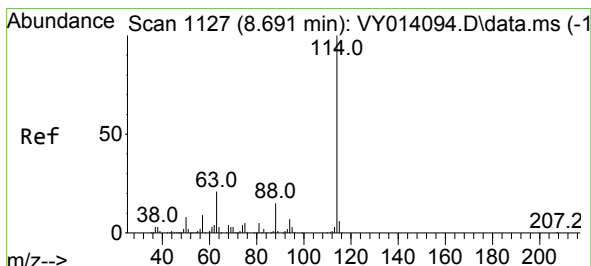
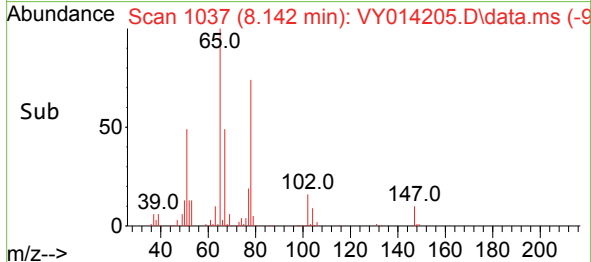
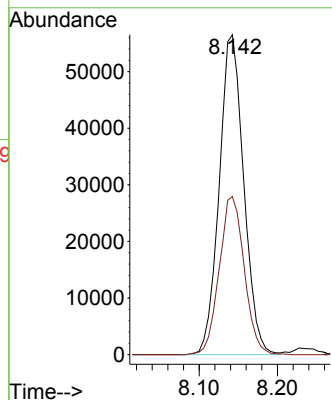
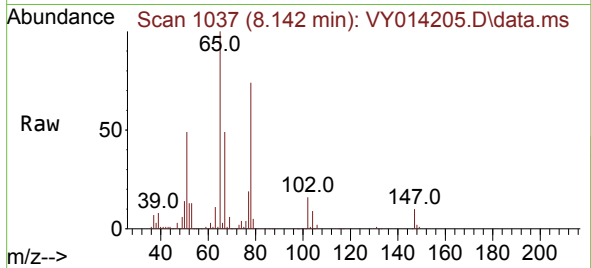




#33
 1,2-Dichloroethane-d4
 Concen: 45.099 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

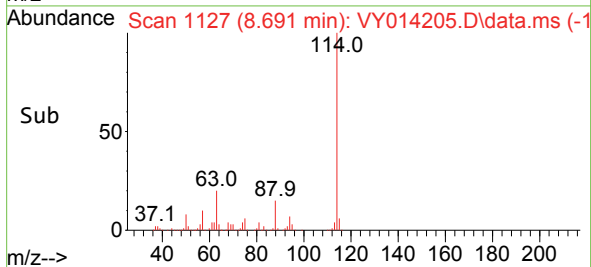
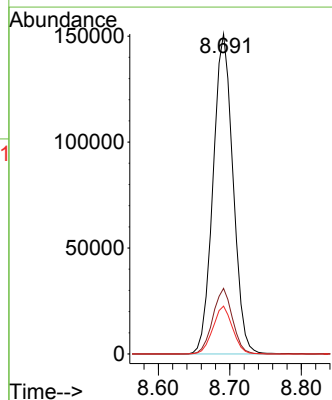
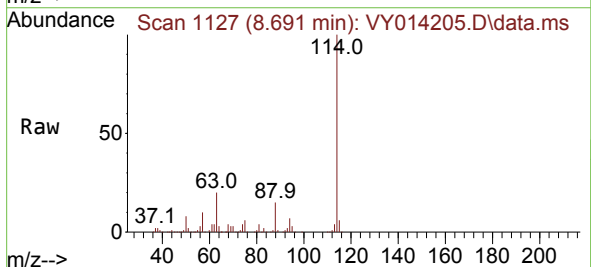
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

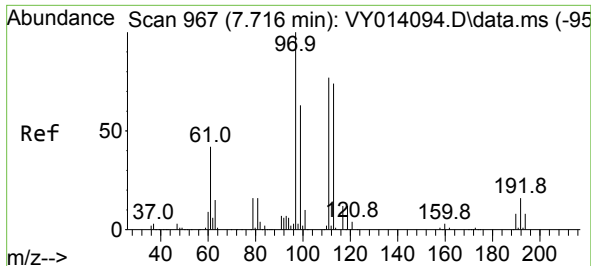
Tgt Ion: 65 Resp: 122913
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

Tgt Ion: 114 Resp: 292517
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.0 0.0 30.6

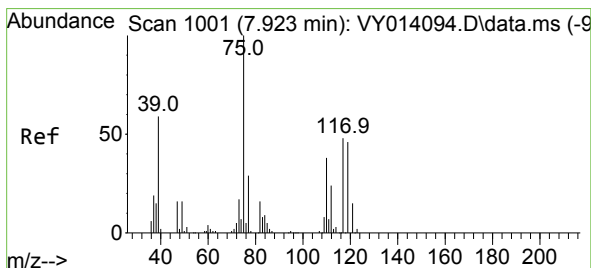
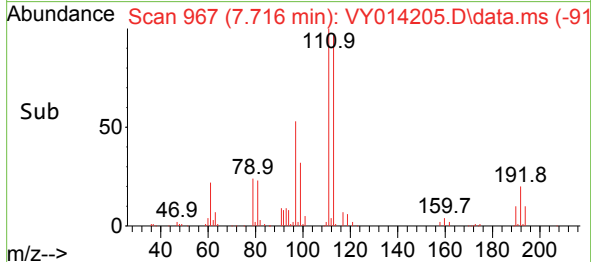
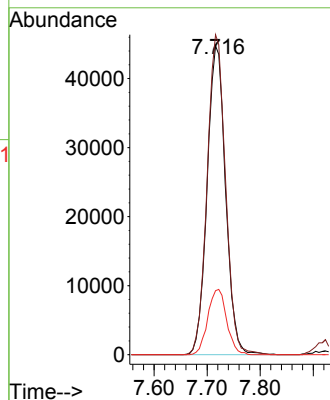
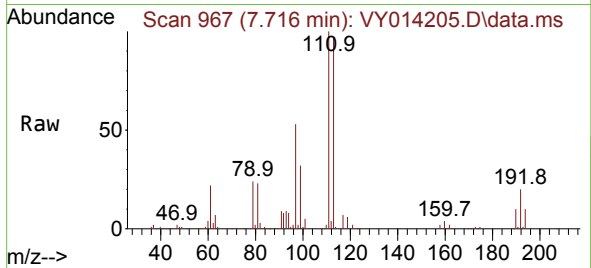




#35
Dibromofluoromethane
Concen: 52.095 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

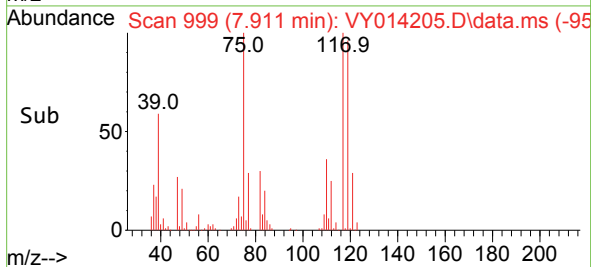
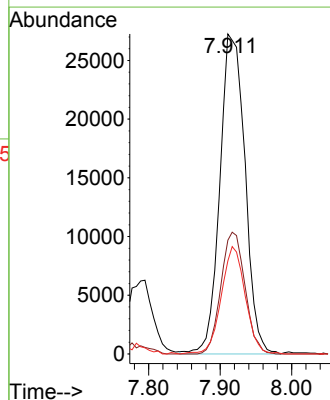
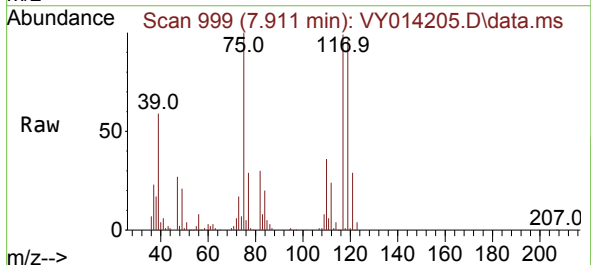
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

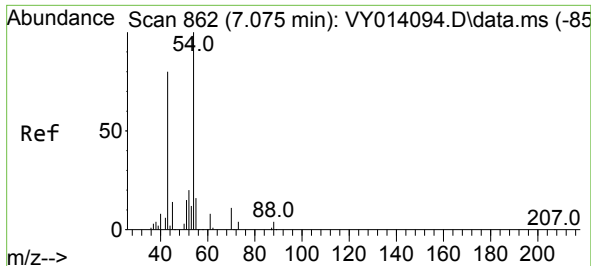
Tgt Ion:113 Resp: 108069
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.610 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 75 Resp: 66655
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 32.0 24.4 36.6

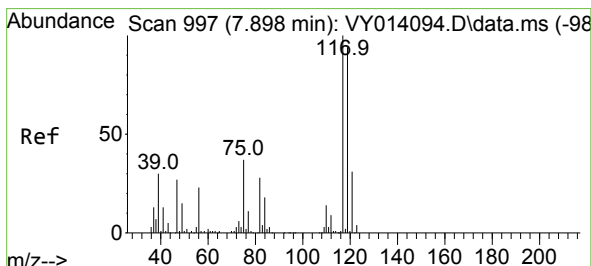
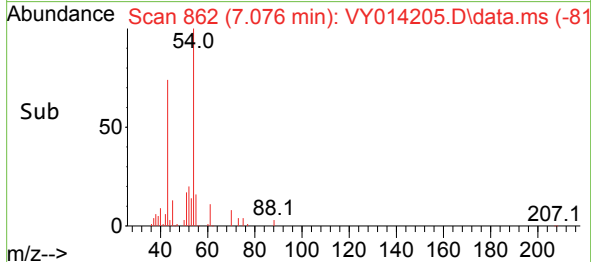
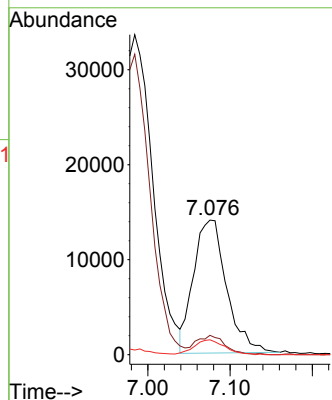
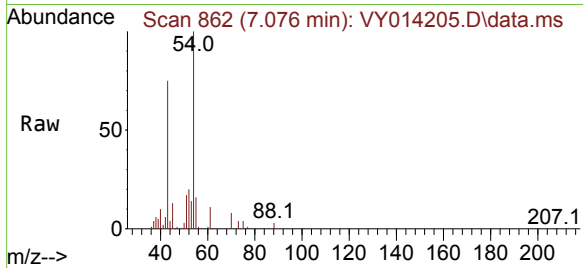




#37
Ethyl Acetate
Concen: 17.535 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

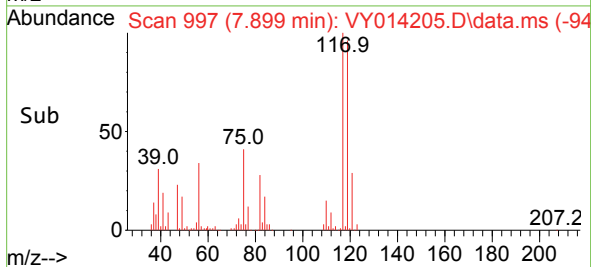
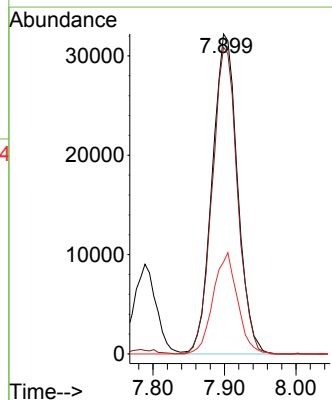
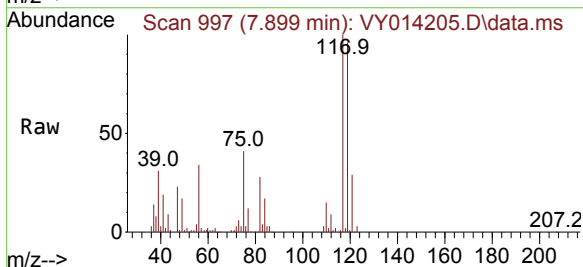
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

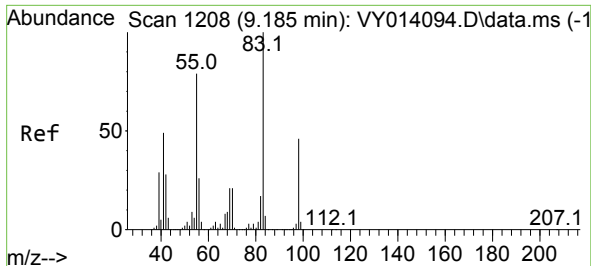
Tgt Ion: 43 Resp: 39130
Ion Ratio Lower Upper
43 100
61 12.9 10.1 15.1
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.244 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 117 Resp: 79286
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
121 28.8 25.8 38.6





#39

Methylcyclohexane

Concen: 18.937 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

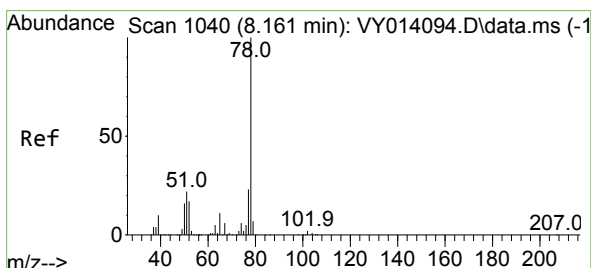
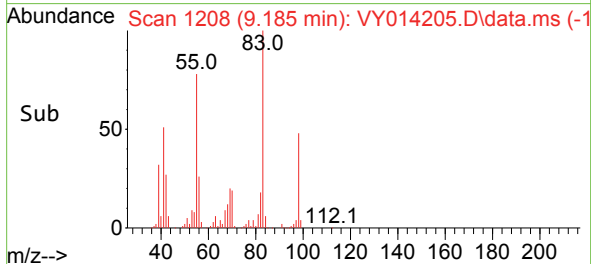
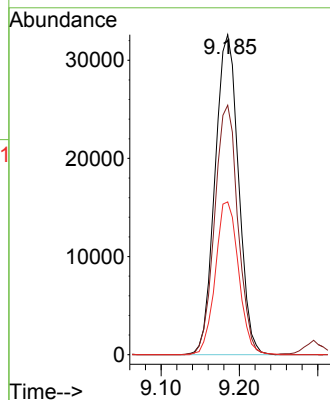
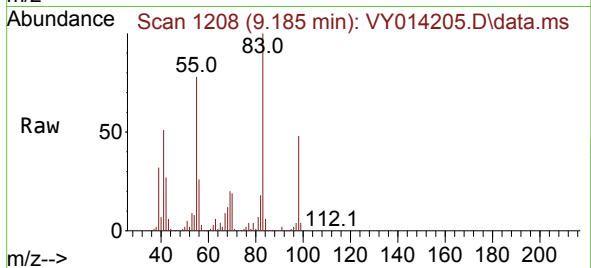
Tgt Ion: 83 Resp: 67953

Ion Ratio Lower Upper

83 100

55 78.0 63.0 94.4

98 47.8 37.4 56.2



#40

Benzene

Concen: 20.829 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014205.D

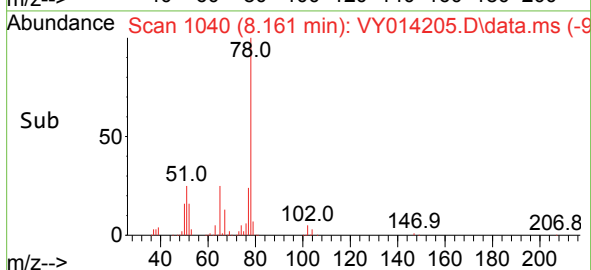
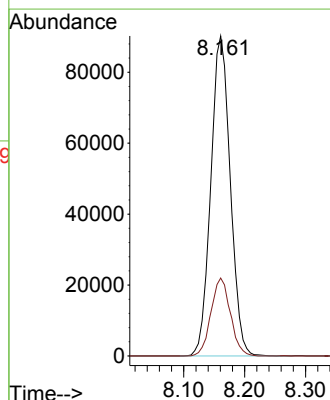
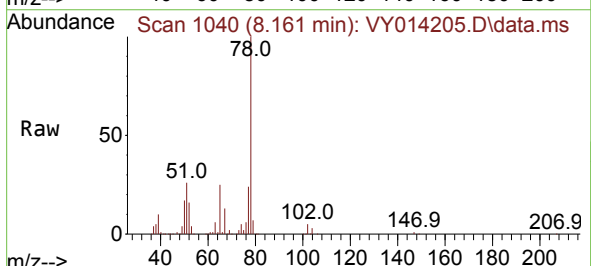
Acq: 16 Jun 2023 15:59

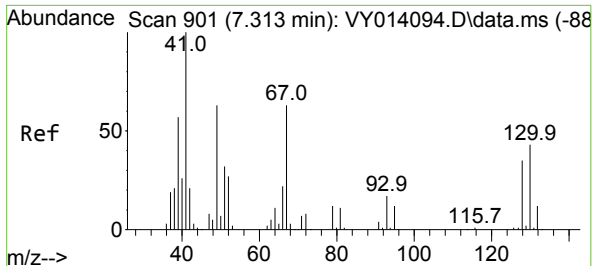
Tgt Ion: 78 Resp: 200315

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

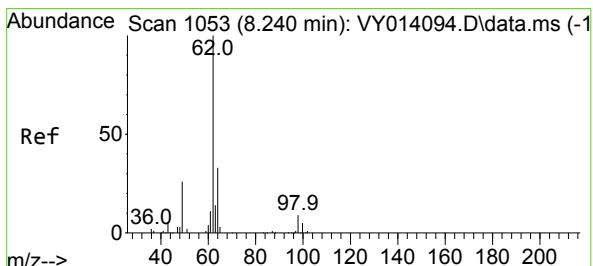
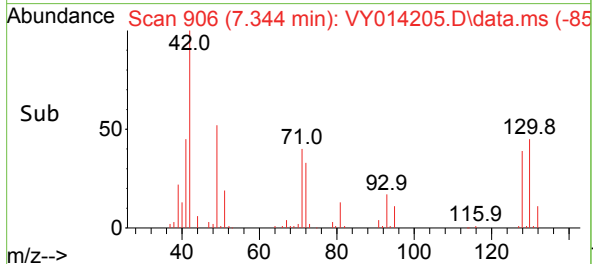
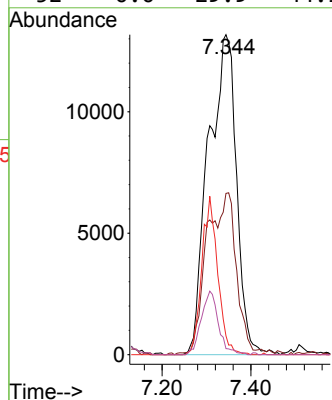
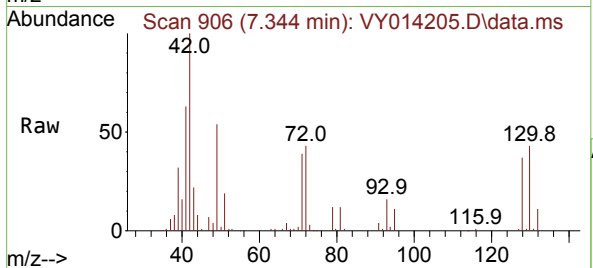




#41
Methacrylonitrile
Concen: 50.633 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

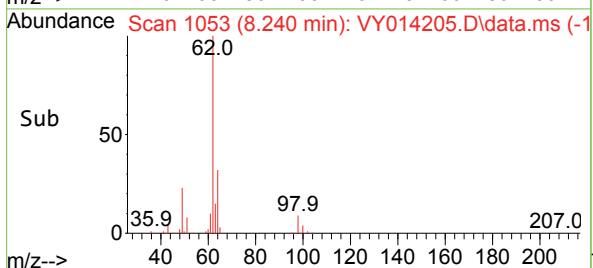
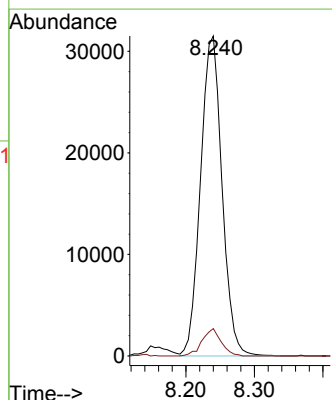
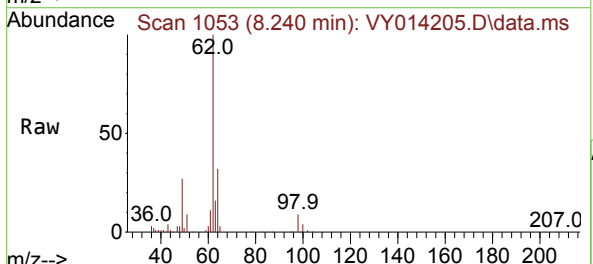
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

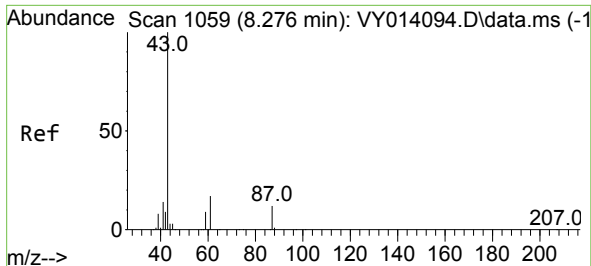
Tgt Ion:	41	Resp:	57663
Ion Ratio	Lower	Upper	
41	100		
39	0.0	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 20.253 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion:	62	Resp:	68877
Ion Ratio	Lower	Upper	
62	100		
98	7.6	0.0	15.8

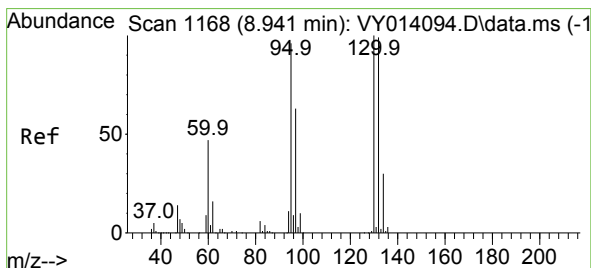
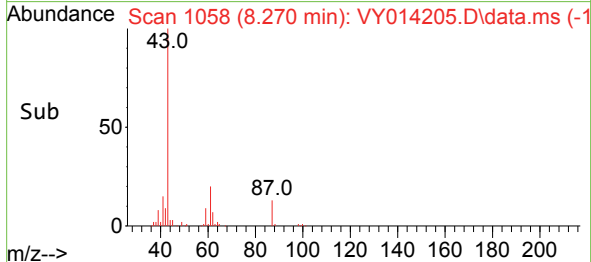
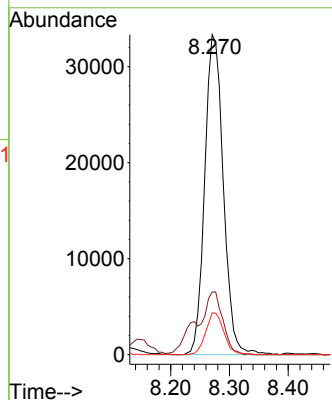
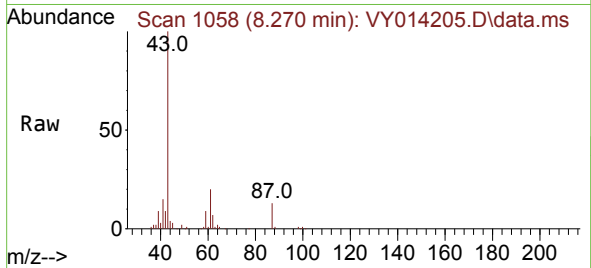




#43
Isopropyl Acetate
Concen: 18.790 ug/l
RT: 8.270 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

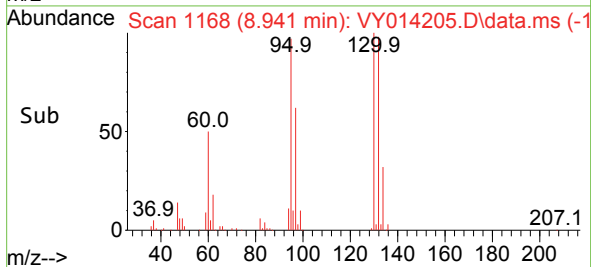
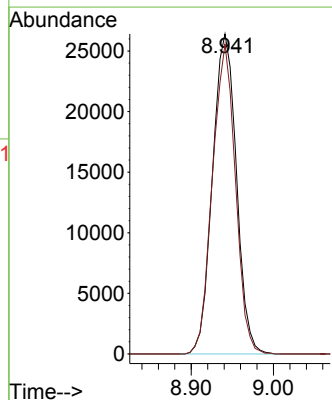
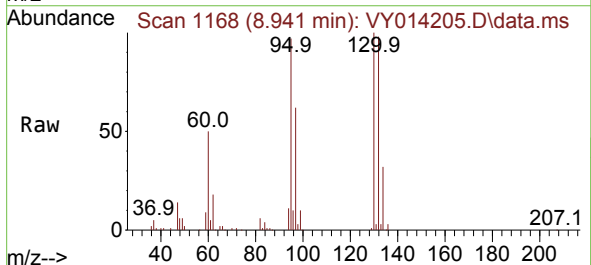
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

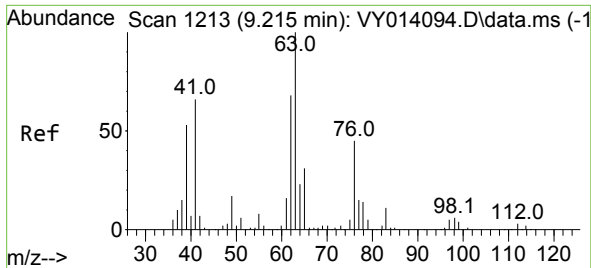
Tgt Ion: 43 Resp: 73491
Ion Ratio Lower Upper
43 100
61 19.5 21.1 31.7#
87 12.8 9.8 14.8



#44
Trichloroethene
Concen: 20.728 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion:130 Resp: 53260
Ion Ratio Lower Upper
130 100
95 96.8 0.0 196.0

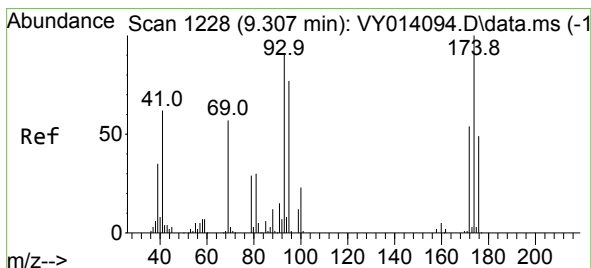
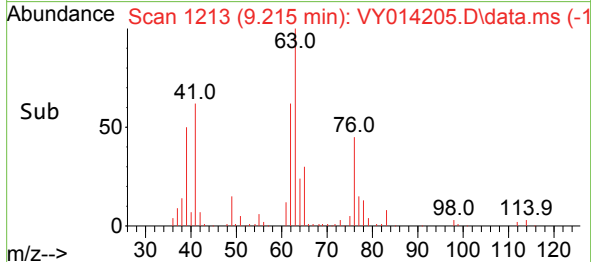
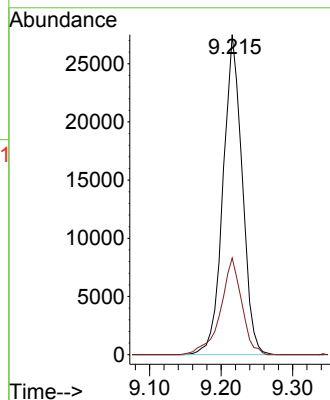
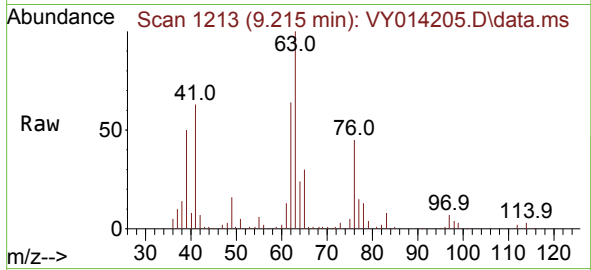




#45
1,2-Dichloropropane
Concen: 20.958 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

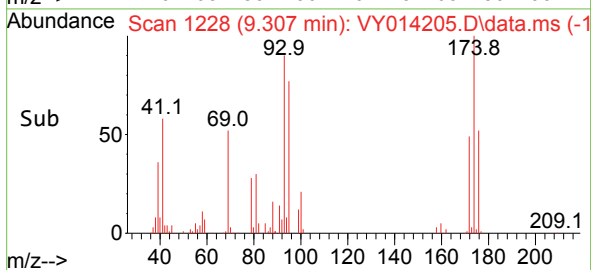
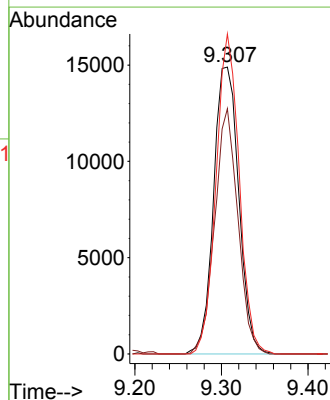
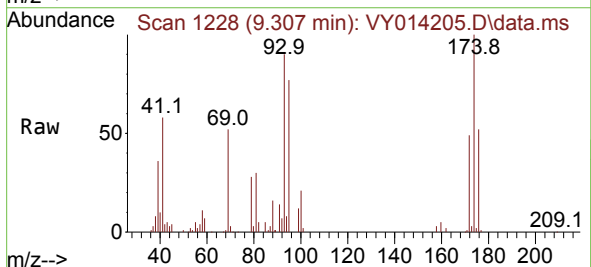
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

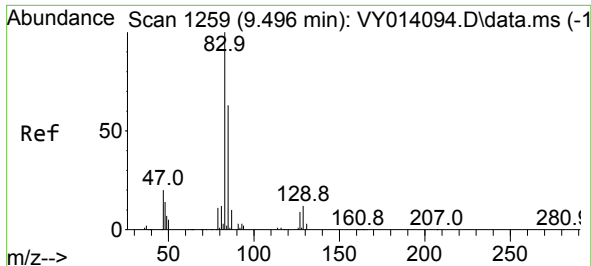
Tgt Ion: 63 Resp: 51194
Ion Ratio Lower Upper
63 100
65 30.2 23.8 35.6



#46
Dibromomethane
Concen: 19.994 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 93 Resp: 30064
Ion Ratio Lower Upper
93 100
95 79.1 66.6 100.0
174 102.5 84.8 127.2

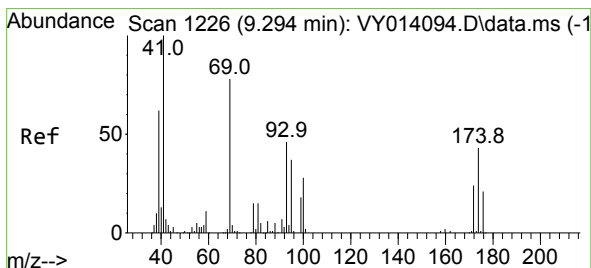
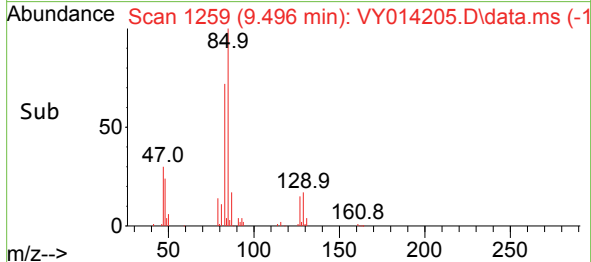
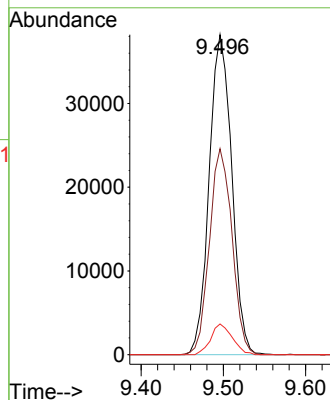
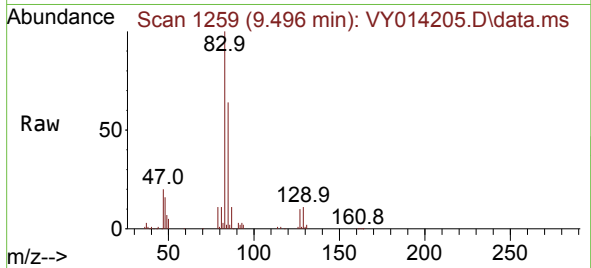




#47
Bromodichloromethane
Concen: 20.655 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

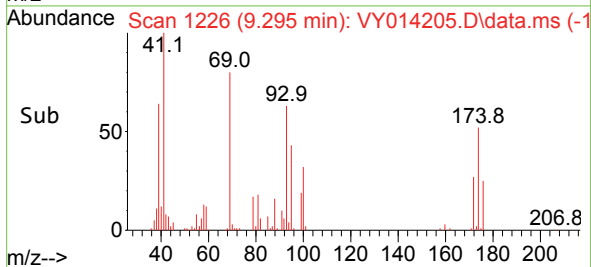
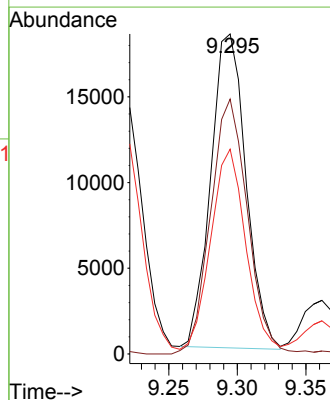
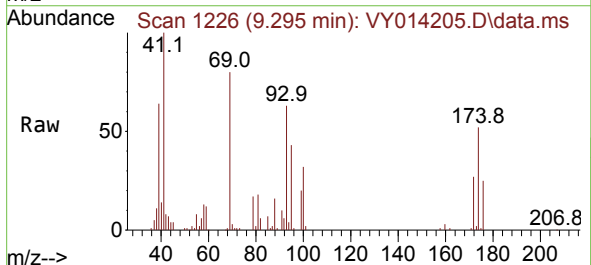
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

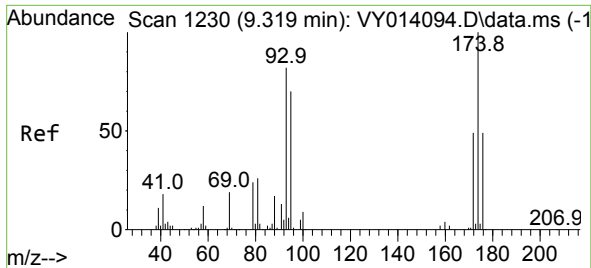
Tgt Ion: 83 Resp: 72718
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 17.981 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 41 Resp: 32801
Ion Ratio Lower Upper
41 100
69 85.6 64.5 96.7
39 65.3 50.8 76.2

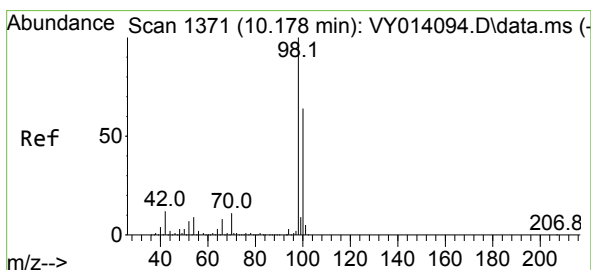
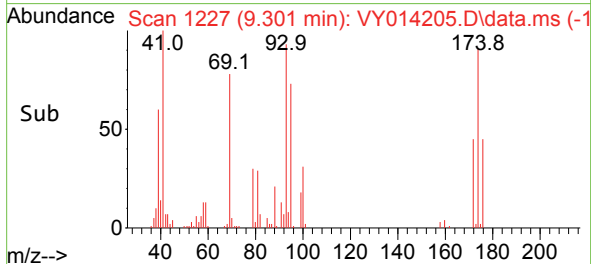
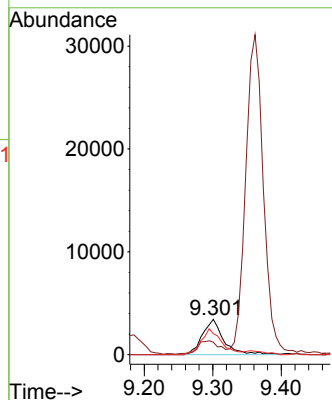
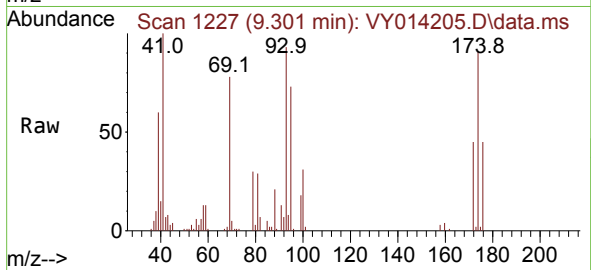




#49
1,4-Dioxane
Concen: 390.038 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.018 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

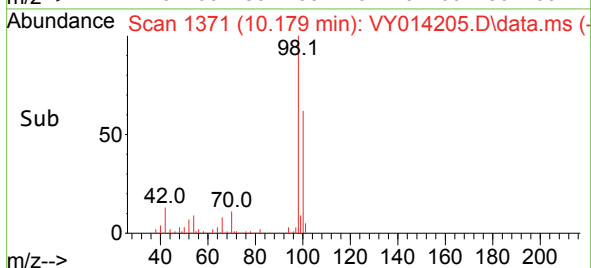
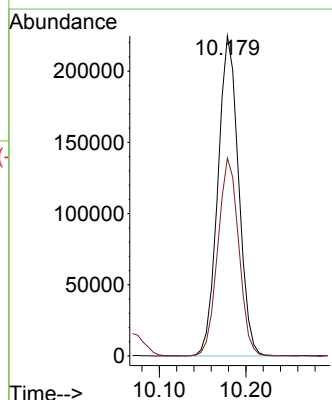
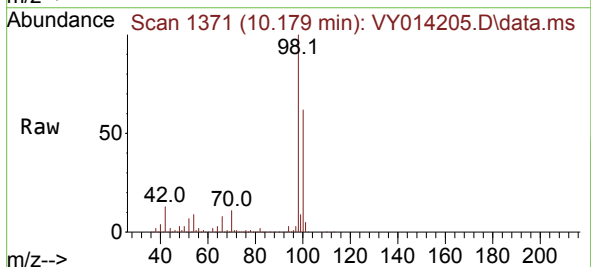
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

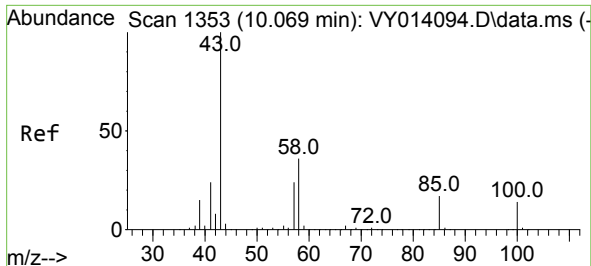
Tgt Ion: 88 Resp: 7452
Ion Ratio Lower Upper
88 100
43 37.5 0.0 0.0#
58 69.3 30.9 46.3#



#50
Toluene-d8
Concen: 48.143 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 98 Resp: 373380
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

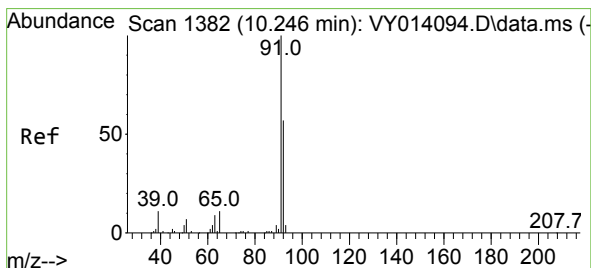
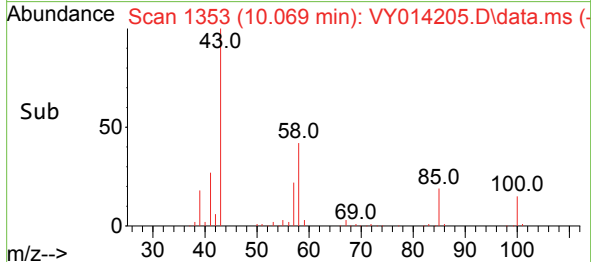
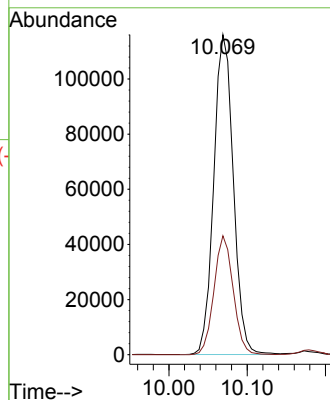
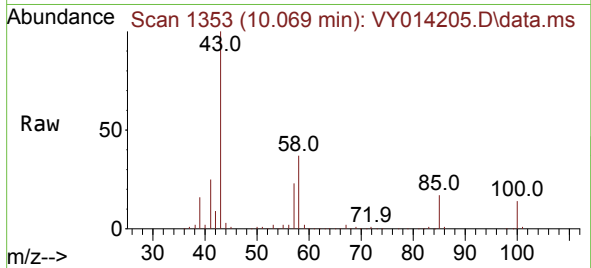




#51
4-Methyl-2-Pentanone
Concen: 94.801 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

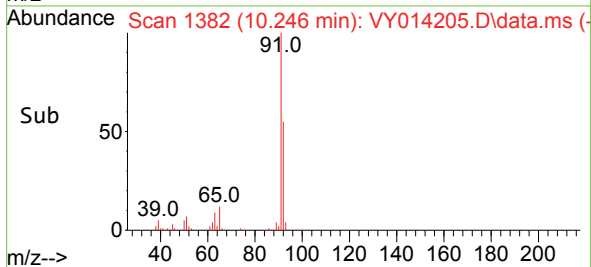
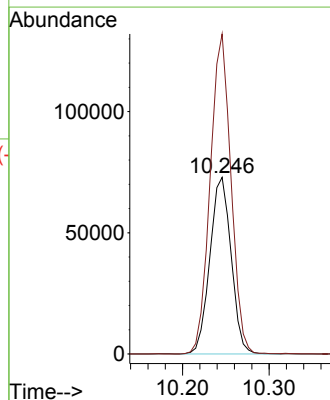
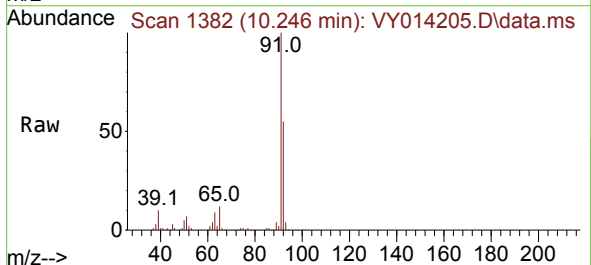
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

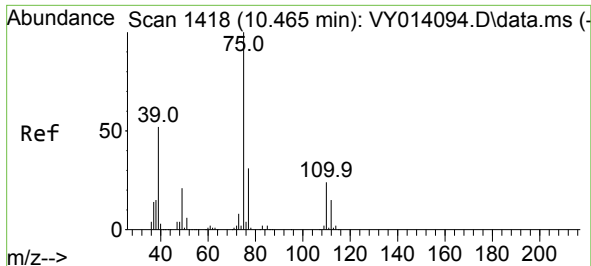
Tgt Ion: 43 Resp: 201438
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6



#52
Toluene
Concen: 20.824 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 92 Resp: 124143
Ion Ratio Lower Upper
92 100
91 176.9 143.8 215.6

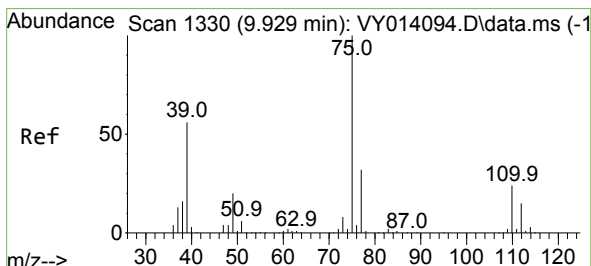
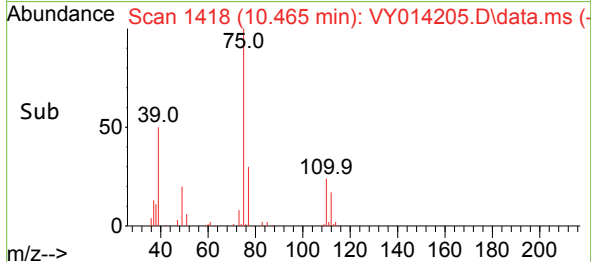
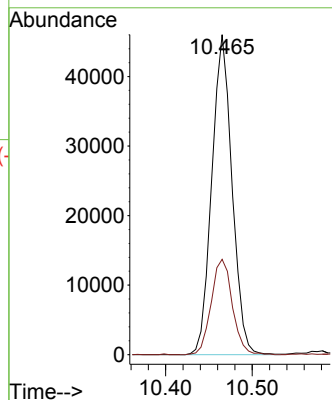
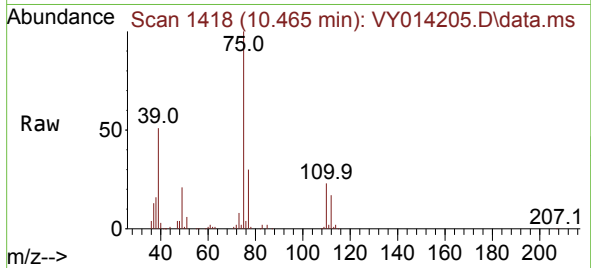




#53
t-1,3-Dichloropropene
Concen: 20.136 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

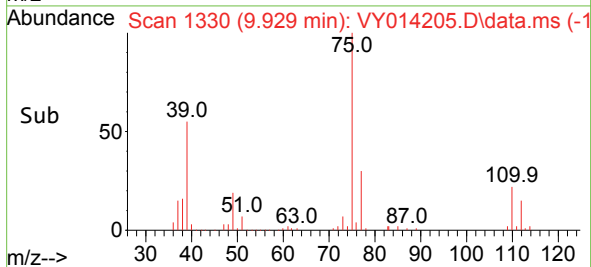
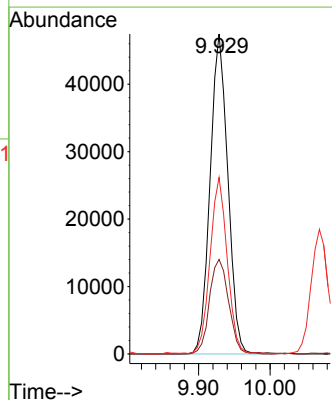
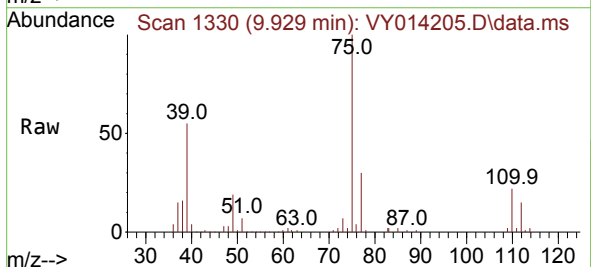
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

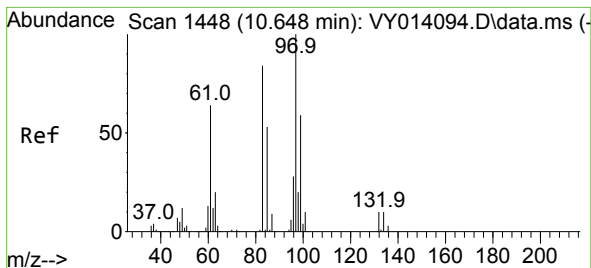
Tgt Ion: 75 Resp: 74629
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.216 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 75 Resp: 81747
Ion Ratio Lower Upper
75 100
77 29.6 24.2 36.4
39 55.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.341 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

Tgt Ion: 97 Resp: 40567

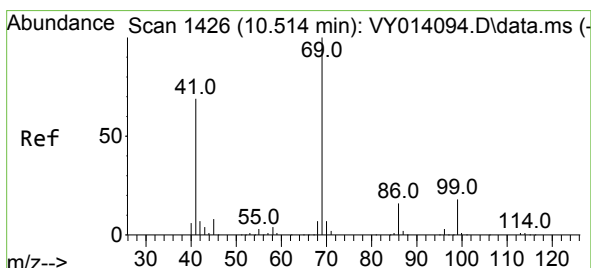
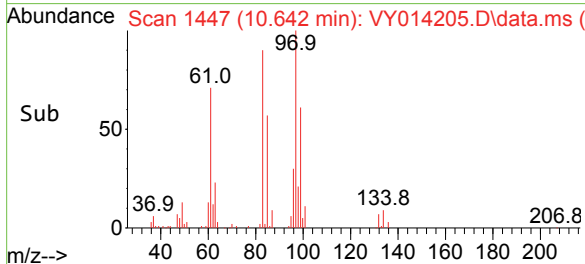
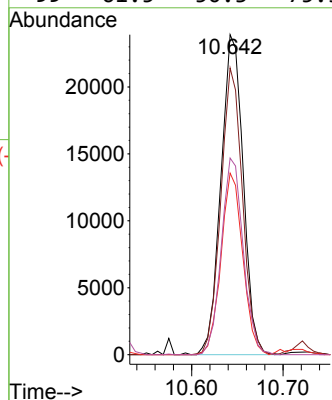
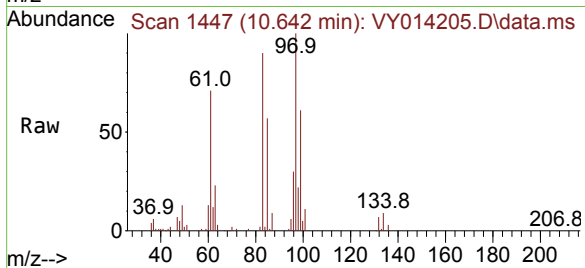
Ion Ratio Lower Upper

97 100

83 89.6 72.0 108.0

85 56.8 45.4 68.0

99 61.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.725 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

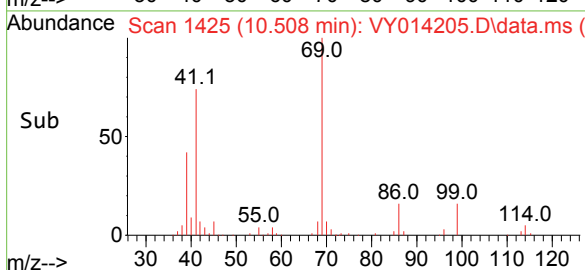
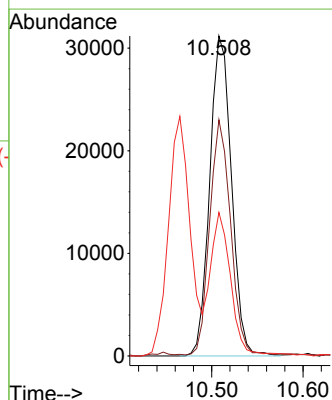
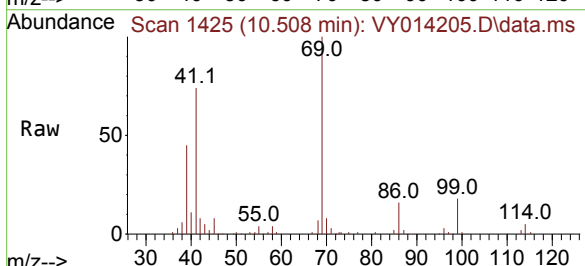
Tgt Ion: 69 Resp: 51510

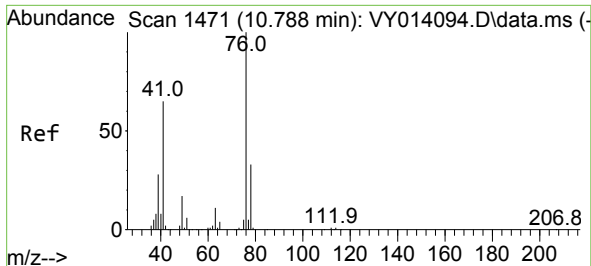
Ion Ratio Lower Upper

69 100

41 70.3 57.6 86.4

39 42.3 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.138 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

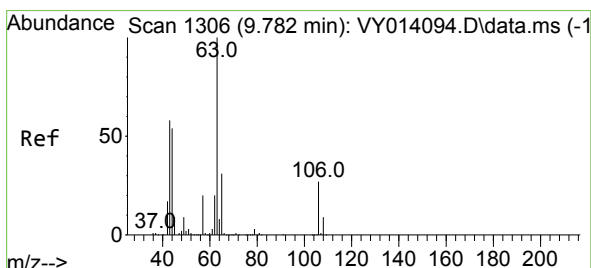
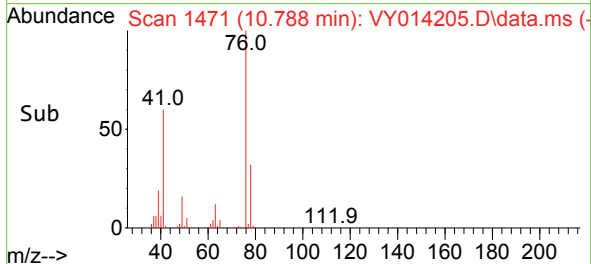
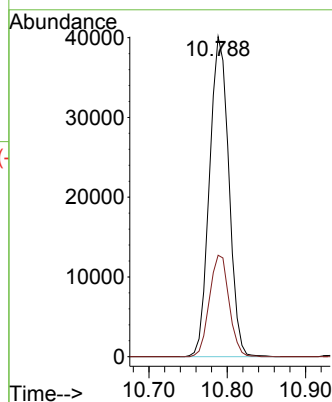
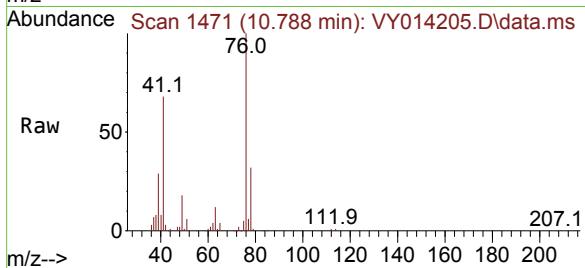
VY0616SBS01

Tgt Ion: 76 Resp: 68690

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 76.820 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014205.D

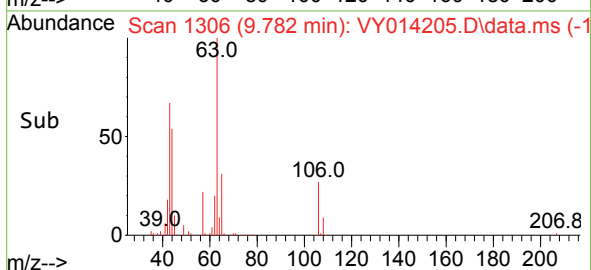
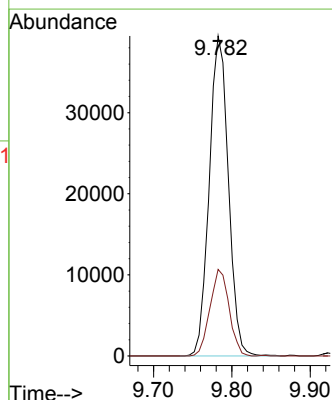
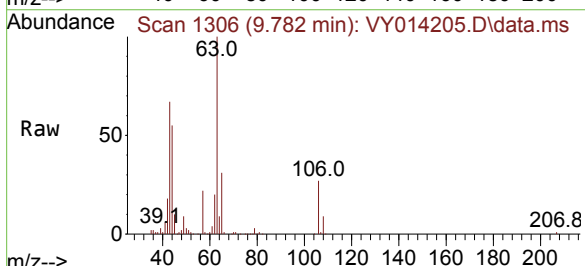
Acq: 16 Jun 2023 15:59

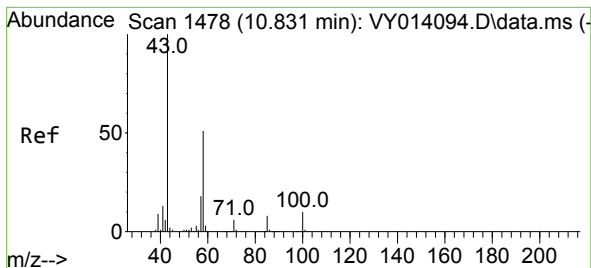
Tgt Ion: 63 Resp: 66908

Ion Ratio Lower Upper

63 100

106 27.0 21.2 31.8

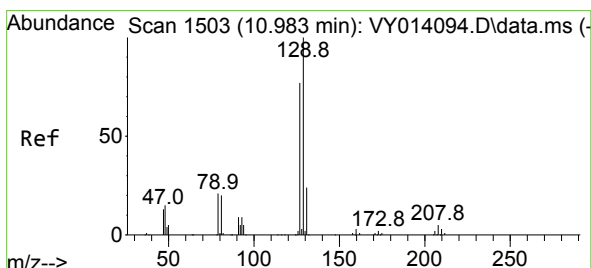
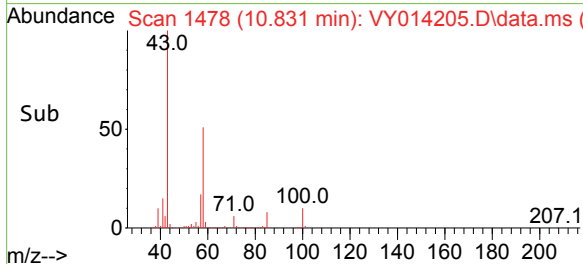
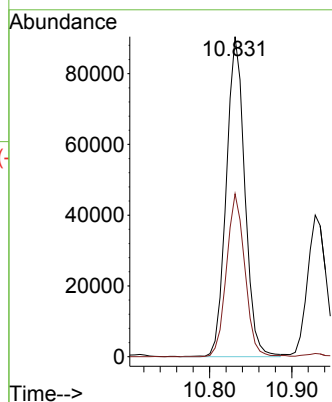
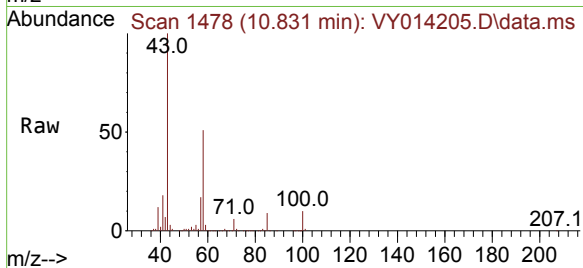




#59
2-Hexanone
Concen: 92.140 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

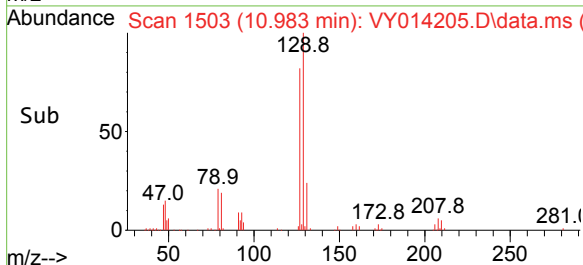
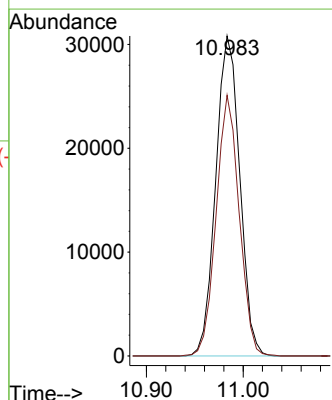
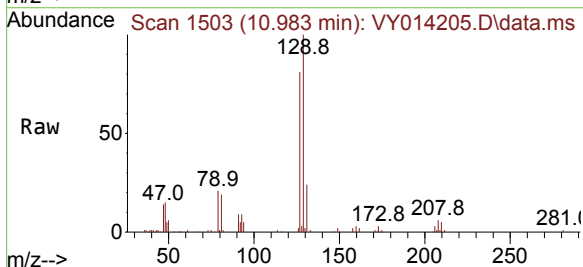
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

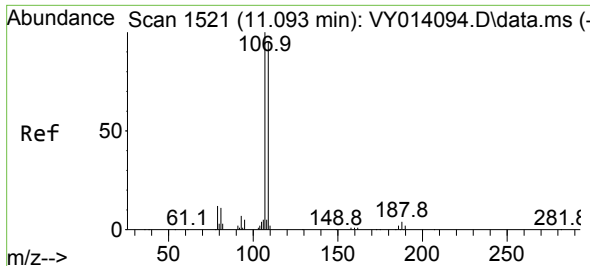
Tgt Ion: 43 Resp: 141406
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3



#60
Dibromochloromethane
Concen: 20.791 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 129 Resp: 53070
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

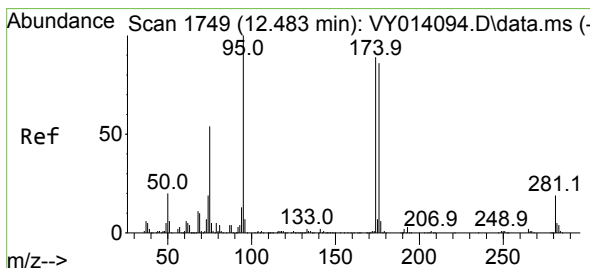
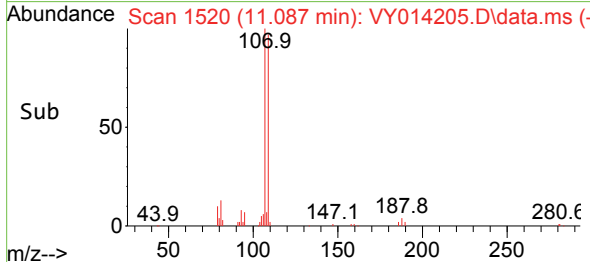
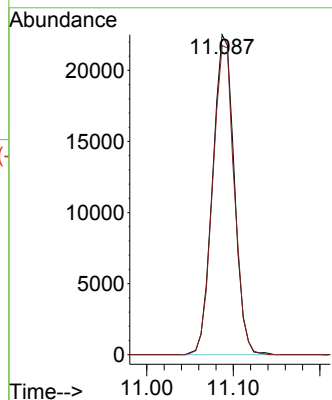
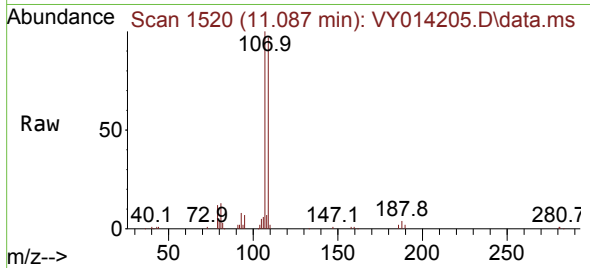




#61
1,2-Dibromoethane
Concen: 19.745 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

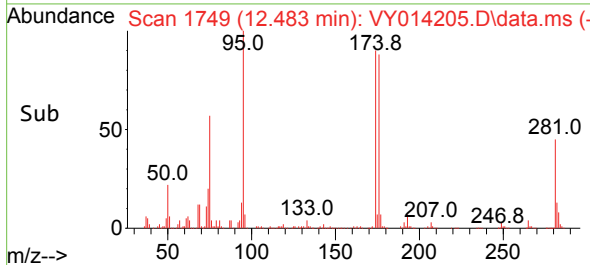
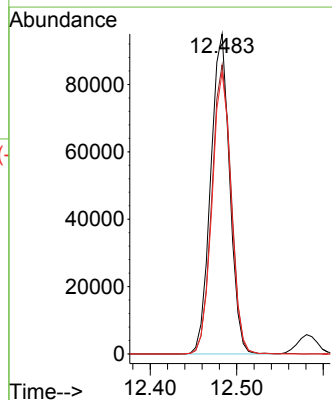
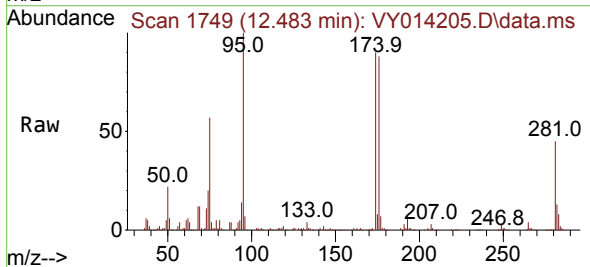
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

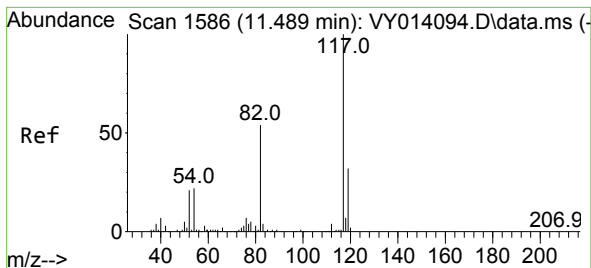
Tgt Ion:107 Resp: 38864
Ion Ratio Lower Upper
107 100
109 97.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 95 Resp: 144605
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 88.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

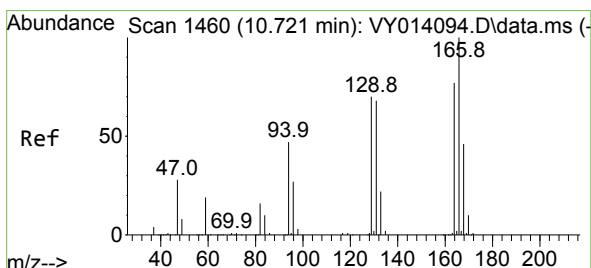
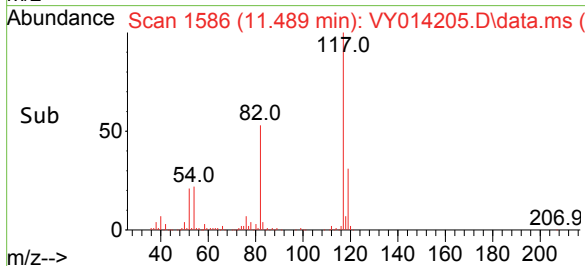
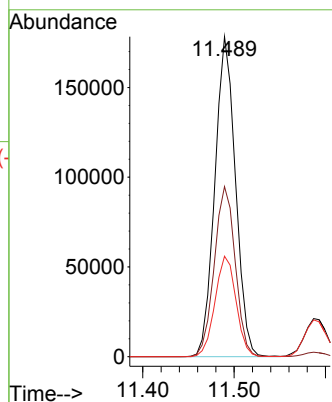
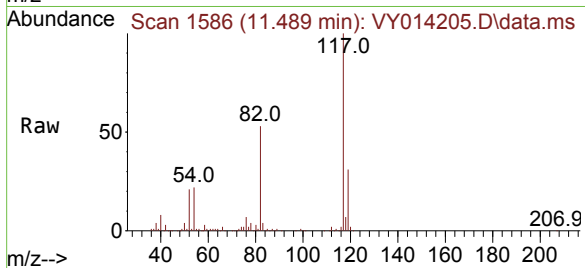
Tgt Ion:117 Resp: 279919

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 20.197 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion:164 Resp: 48189

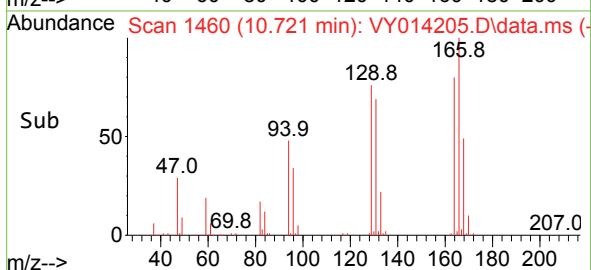
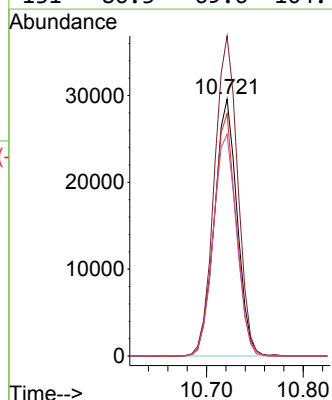
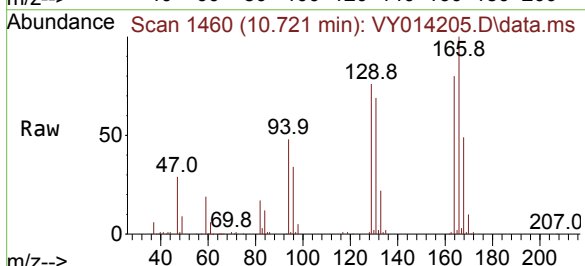
Ion Ratio Lower Upper

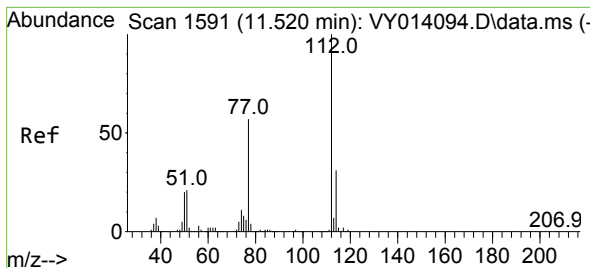
164 100

166 124.6 103.0 154.6

129 94.3 77.2 115.8

131 86.3 69.6 104.4

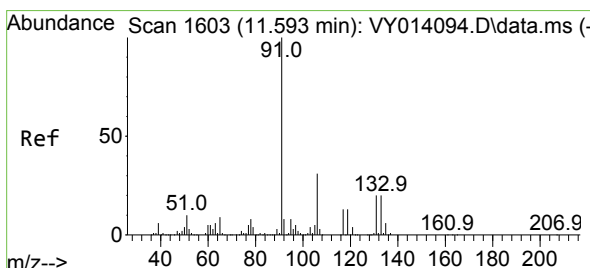
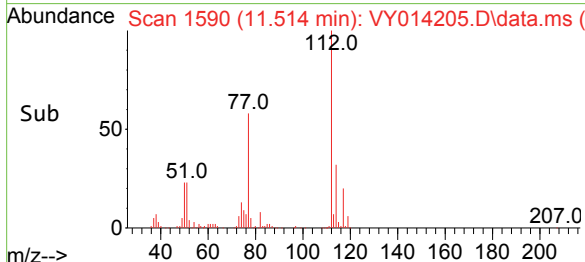
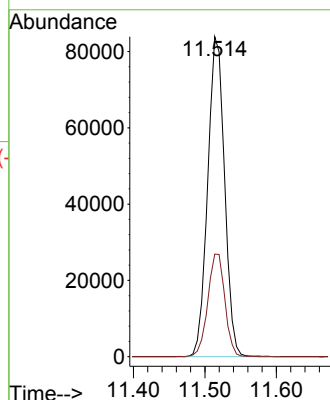
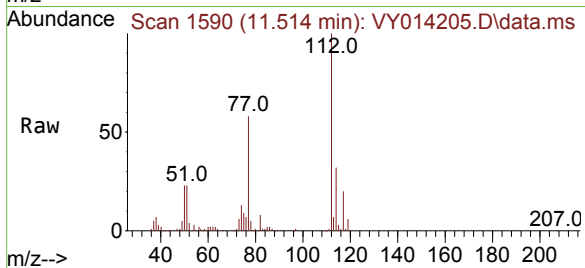




#65
Chlorobenzene
Concen: 20.443 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

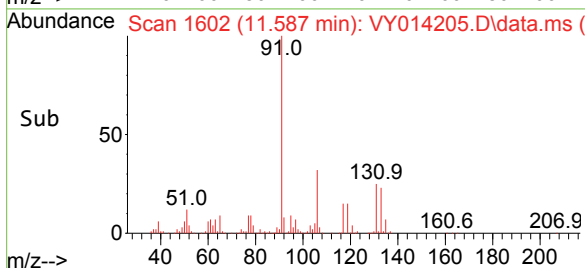
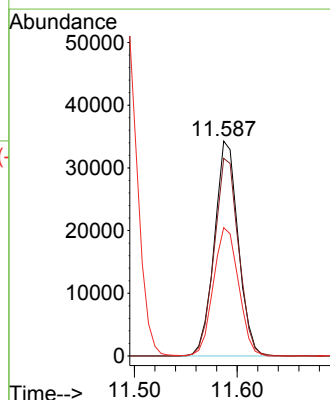
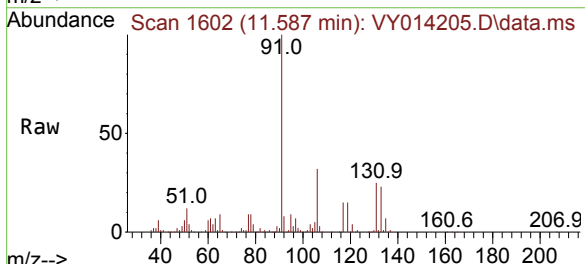
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

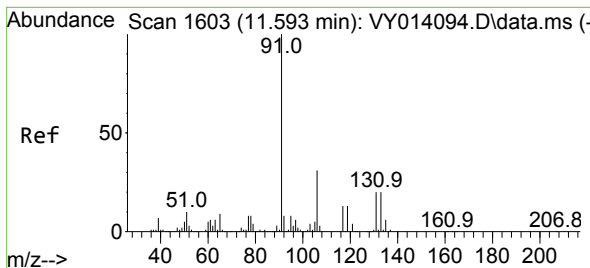
Tgt Ion:112 Resp: 137501
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.819 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion:131 Resp: 55077
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 63.2 31.6 94.7





#67

Ethyl Benzene

Concen: 20.772 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

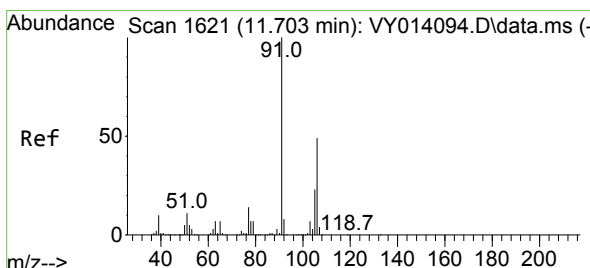
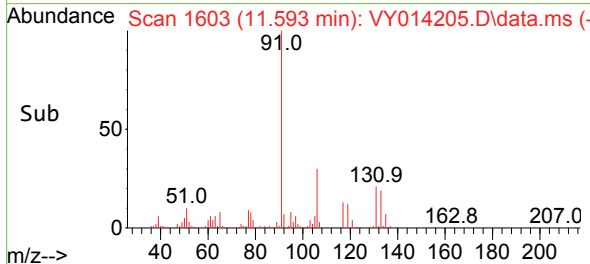
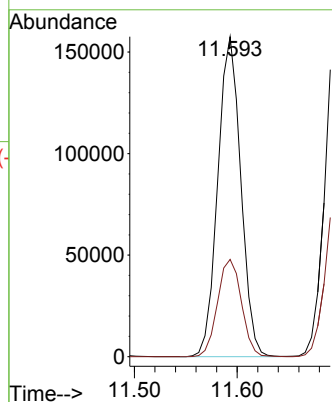
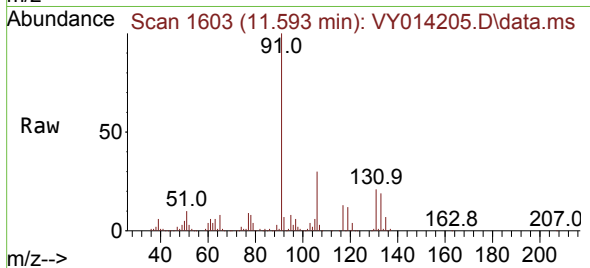
VY0616SBS01

Tgt Ion: 91 Resp: 244552

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 41.973 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014205.D

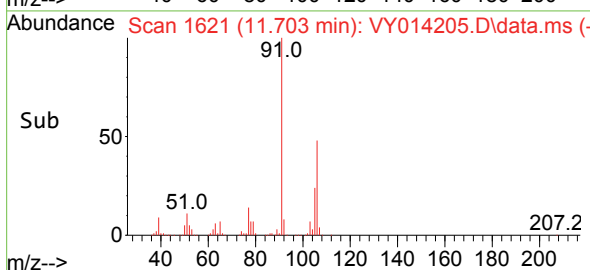
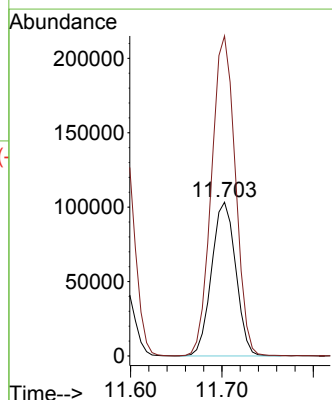
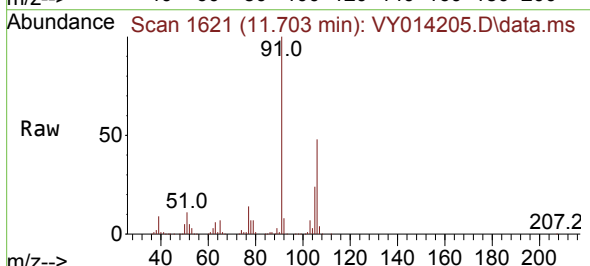
Acq: 16 Jun 2023 15:59

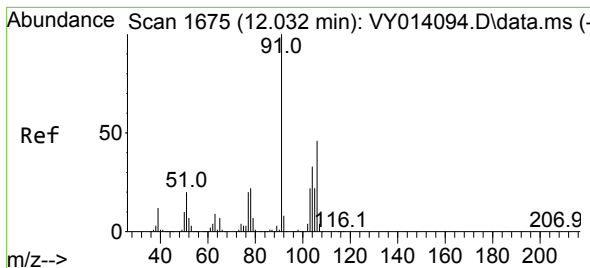
Tgt Ion: 106 Resp: 190073

Ion Ratio Lower Upper

106 100

91 205.6 166.1 249.1





#69

o-Xylene

Concen: 21.004 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

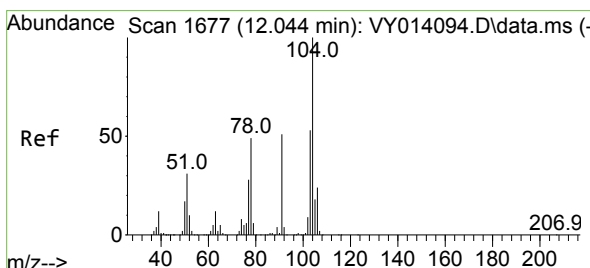
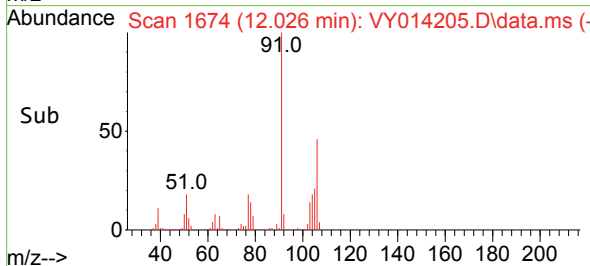
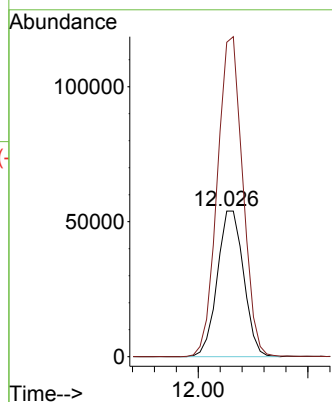
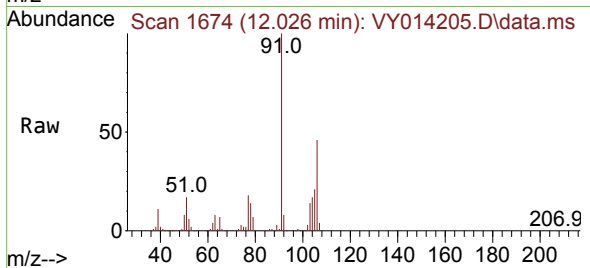
VY0616SBS01

Tgt Ion:106 Resp: 89928

Ion Ratio Lower Upper

106 100

91 212.8 108.1 324.3



#70

Styrene

Concen: 21.078 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

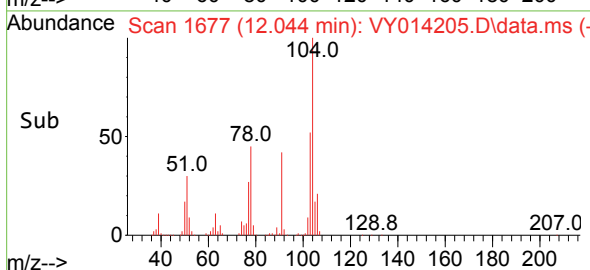
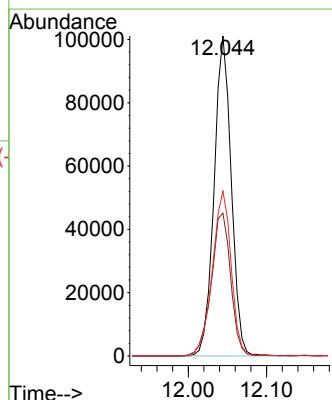
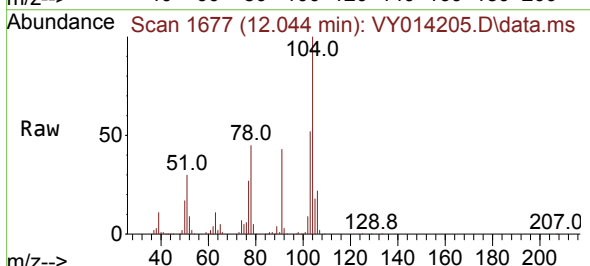
Tgt Ion:104 Resp: 154019

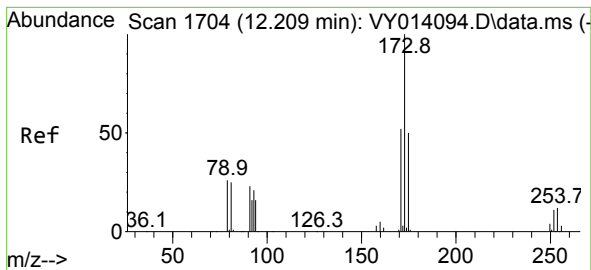
Ion Ratio Lower Upper

104 100

78 50.5 41.5 62.3

103 56.2 44.6 67.0





#71

Bromoform

Concen: 19.651 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

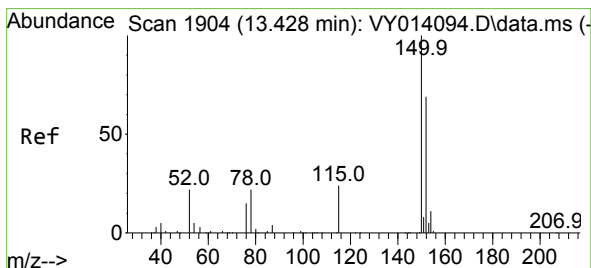
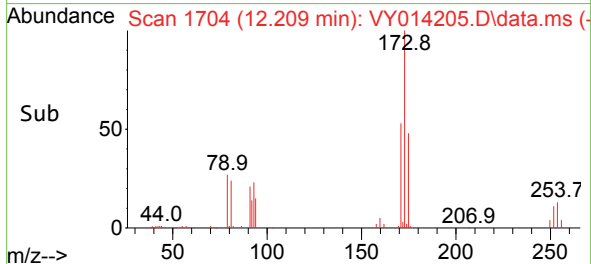
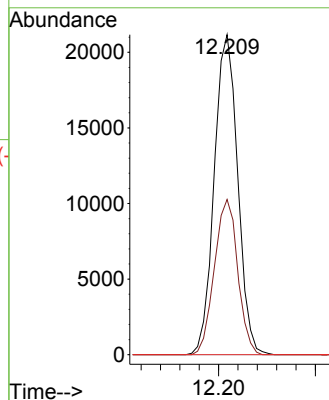
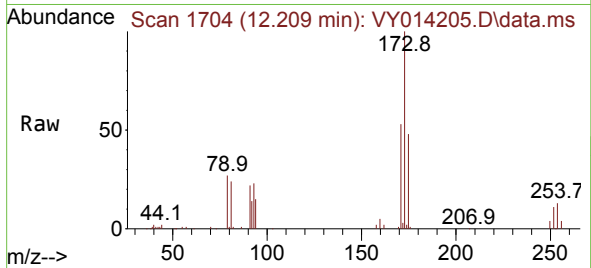
Tgt Ion:173 Resp: 35603

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

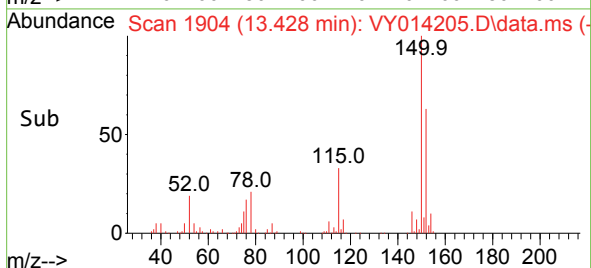
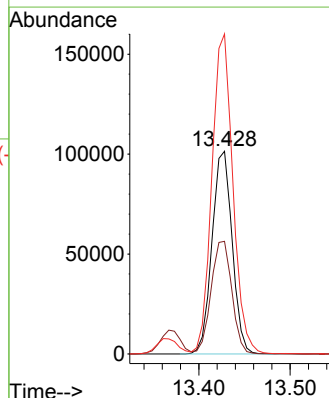
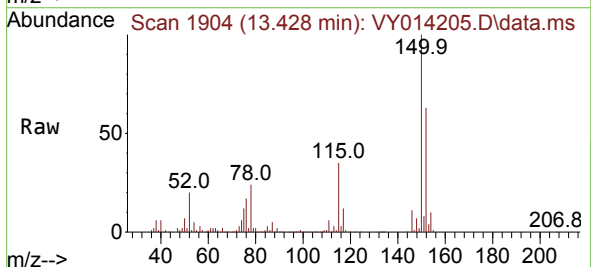
Tgt Ion:152 Resp: 155612

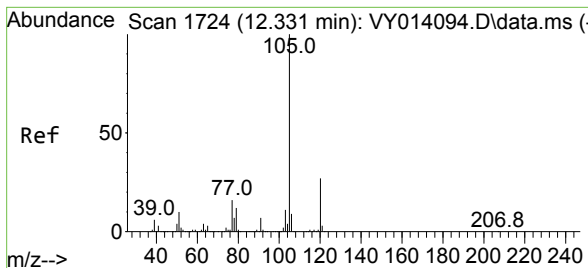
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 163.9 0.0 348.8





#73

Isopropylbenzene

Concen: 19.857 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

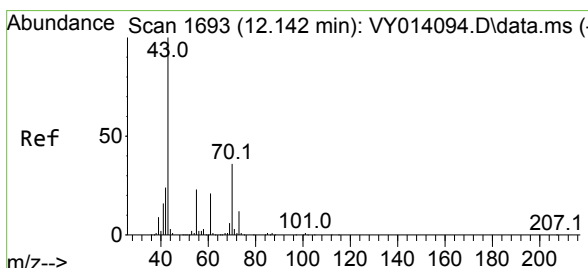
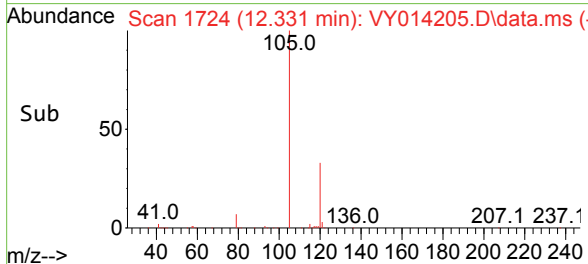
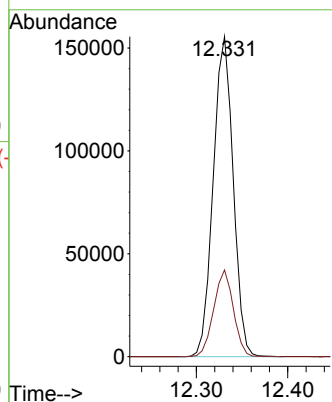
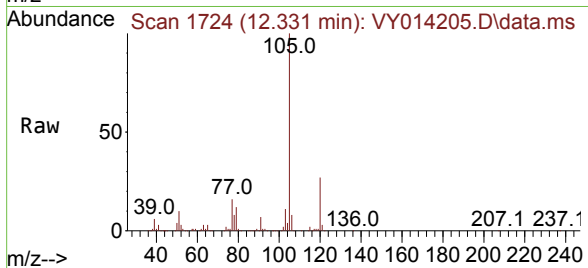
VY0616SBS01

Tgt Ion:105 Resp: 235720

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 17.945 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion: 43 Resp: 67506

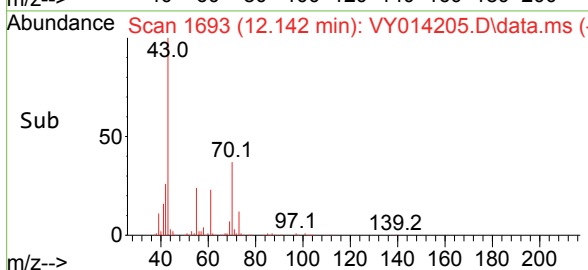
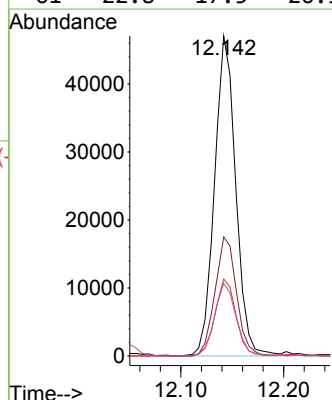
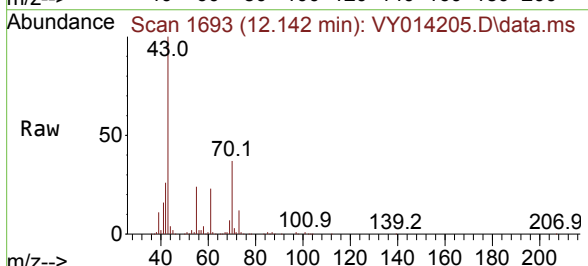
Ion Ratio Lower Upper

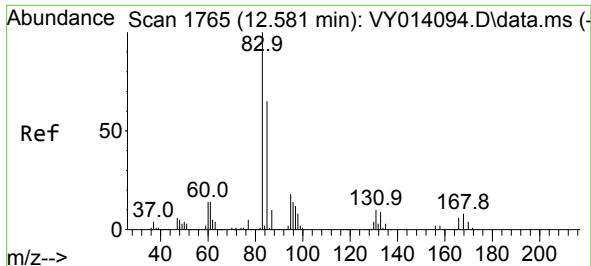
43 100

70 37.8 29.7 44.5

55 23.9 18.3 27.5

61 22.8 17.5 26.3

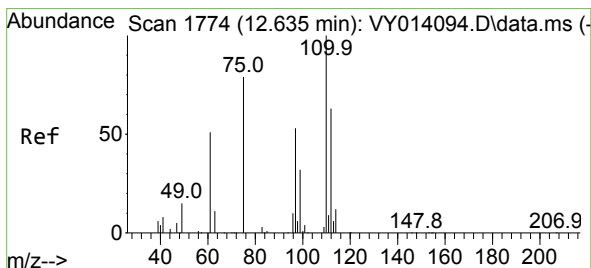
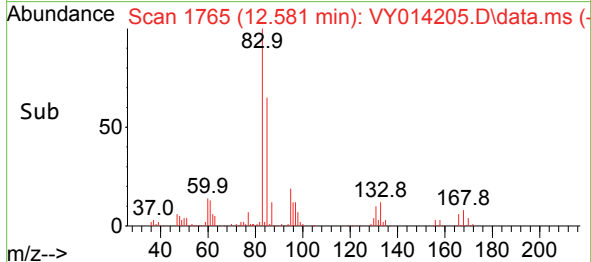
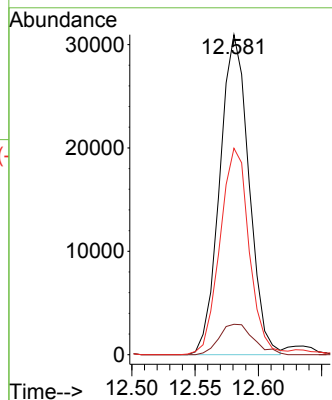
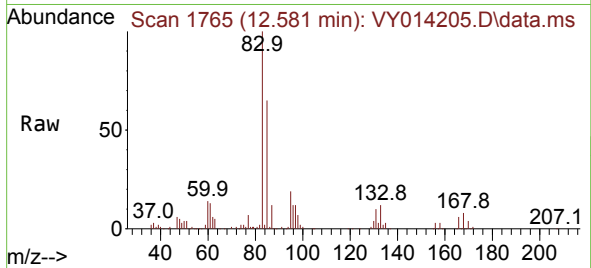




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.697 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

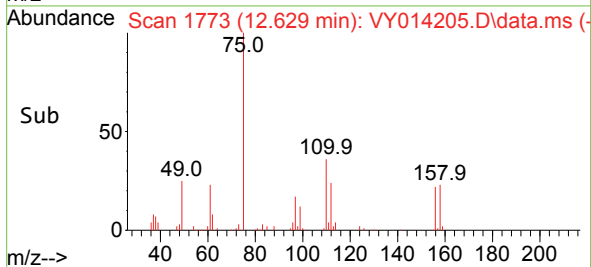
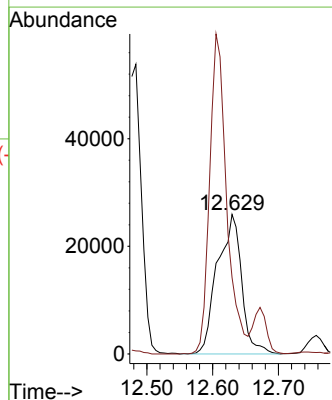
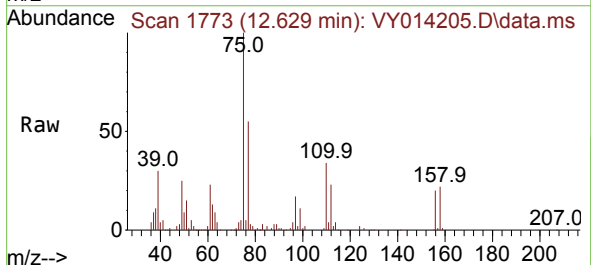
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

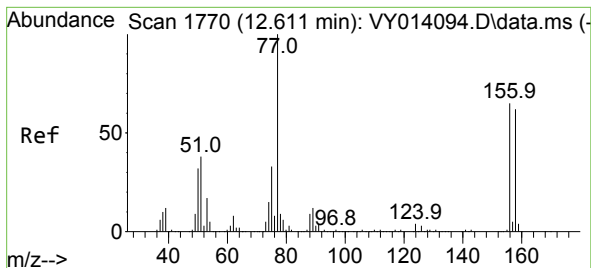
Tgt Ion: 83 Resp: 49596
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.4 16.2
 85 64.6 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 32.598 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

Tgt Ion: 75 Resp: 66551
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.435 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

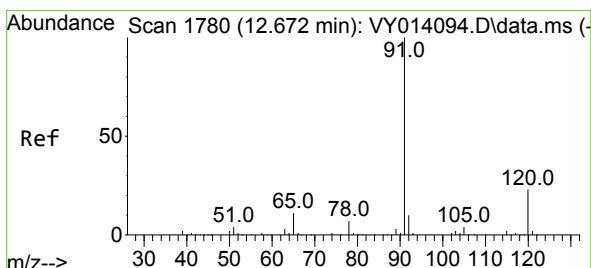
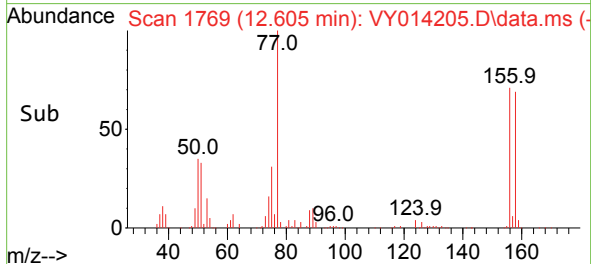
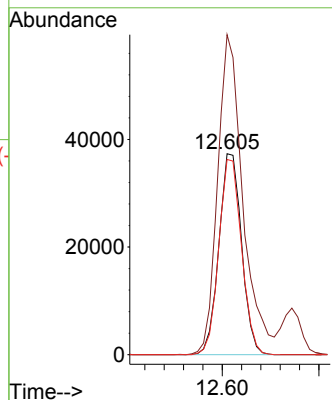
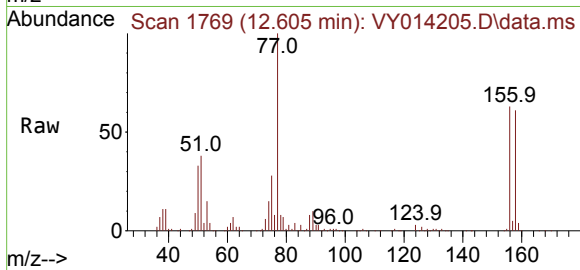
Tgt Ion:156 Resp: 60638

Ion Ratio Lower Upper

156 100

77 177.6 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 20.072 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014205.D

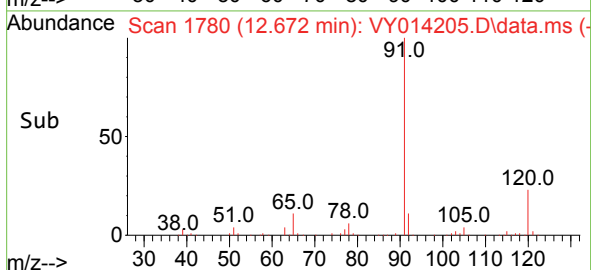
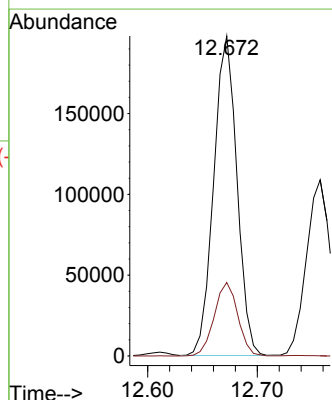
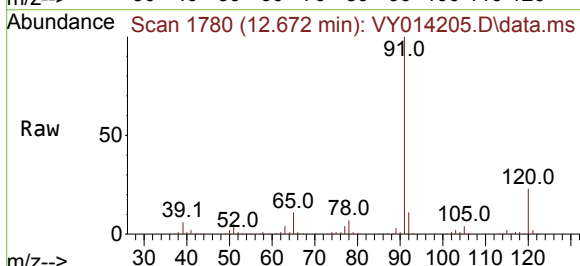
Acq: 16 Jun 2023 15:59

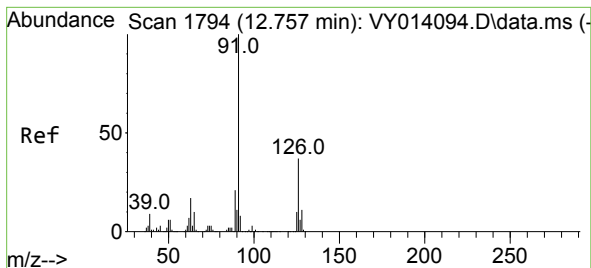
Tgt Ion: 91 Resp: 291032

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

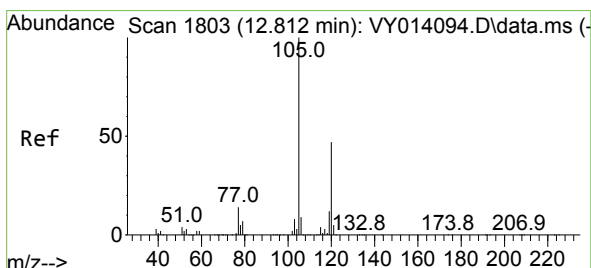
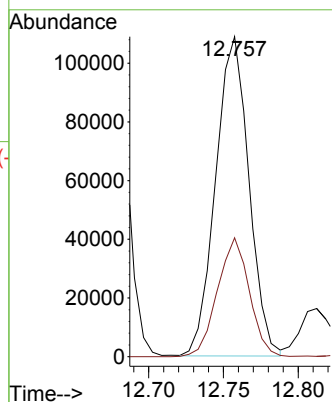
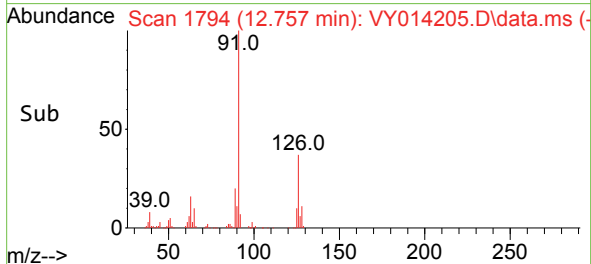
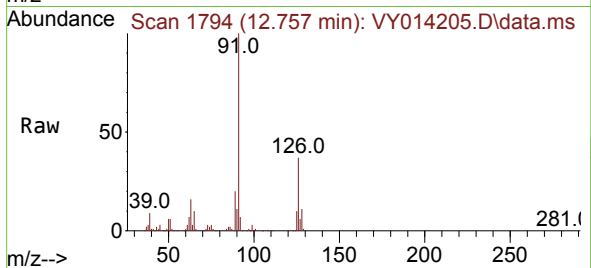




#79
2-Chlorotoluene
Concen: 20.182 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

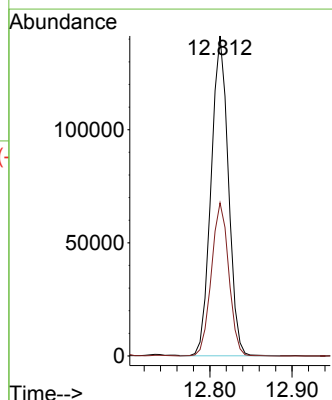
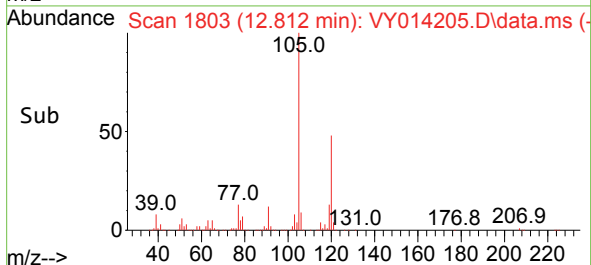
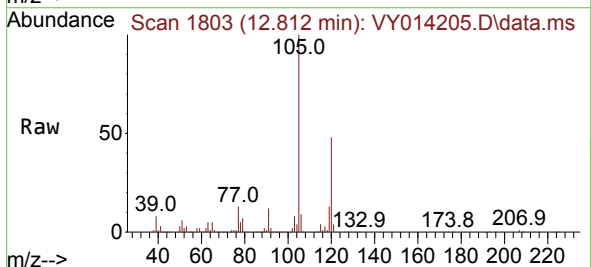
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

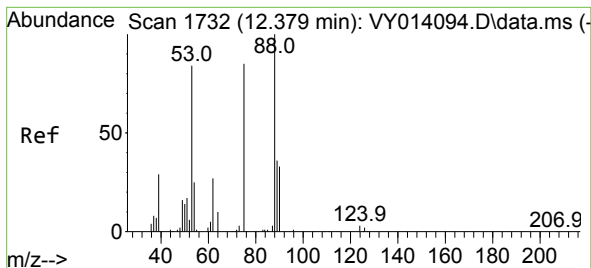
Tgt Ion: 91 Resp: 168374
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.245 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 105 Resp: 205782
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

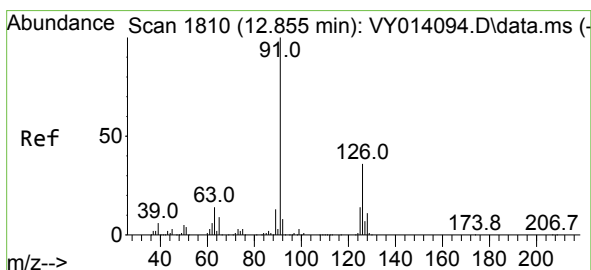
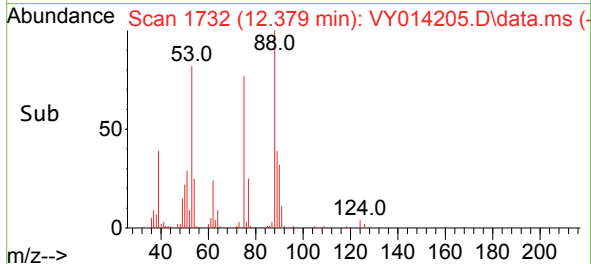
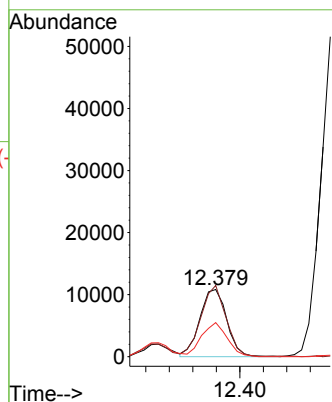
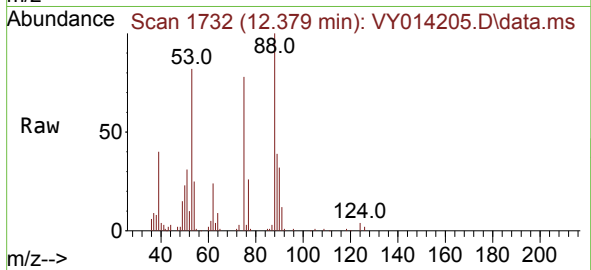




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.285 ug/l
 RT: 12.379 min Scan# 1732
 Delta R.T. 0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

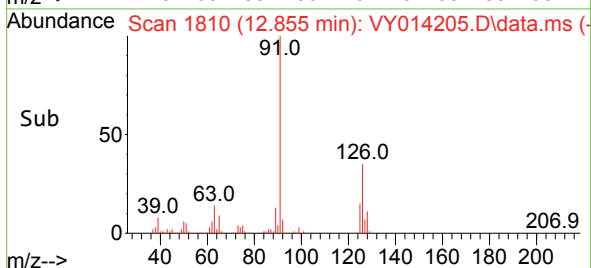
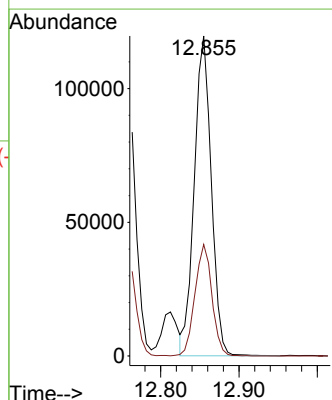
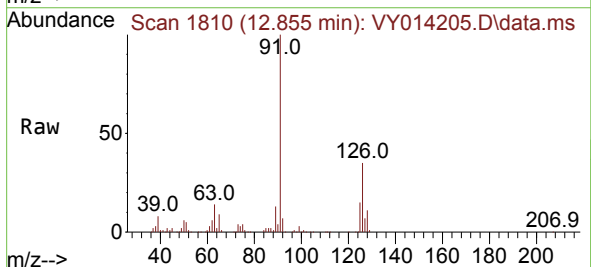
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBSD01

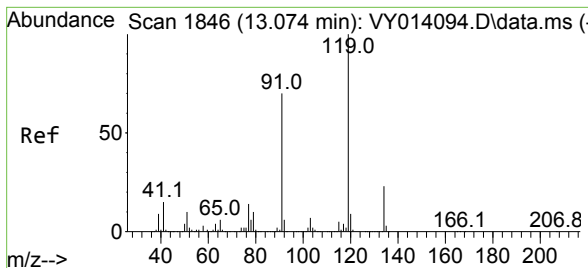
Tgt Ion: 75 Resp: 17270
 Ion Ratio Lower Upper
 75 100
 53 98.1 77.8 116.8
 89 47.7 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 20.434 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

Tgt Ion: 91 Resp: 180655
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.2 51.6

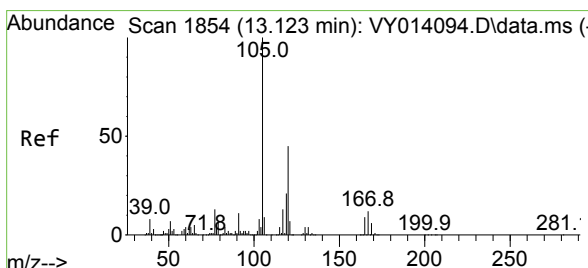
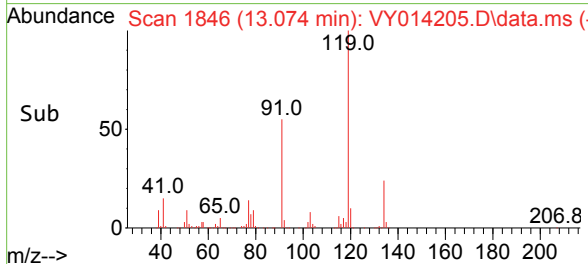
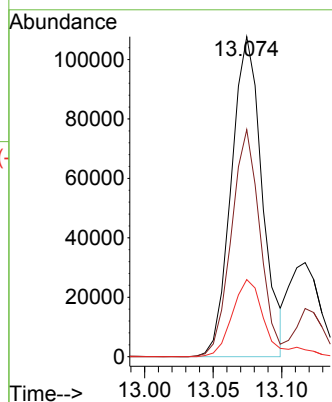
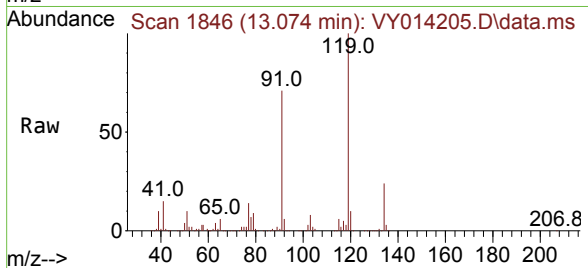




#83
tert-Butylbenzene
Concen: 19.573 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

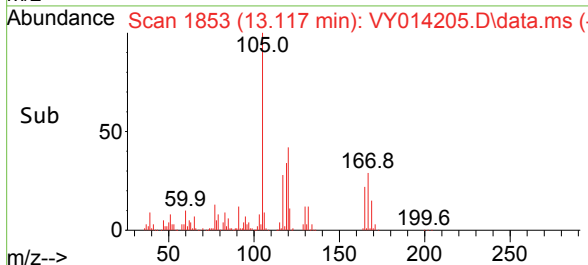
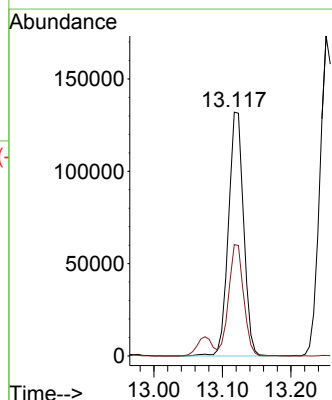
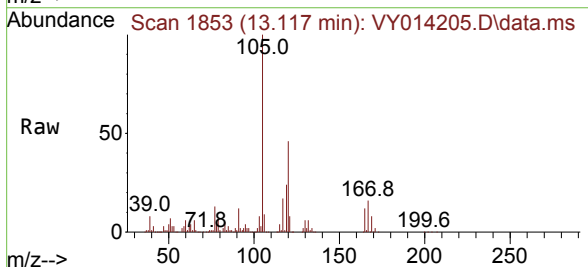
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

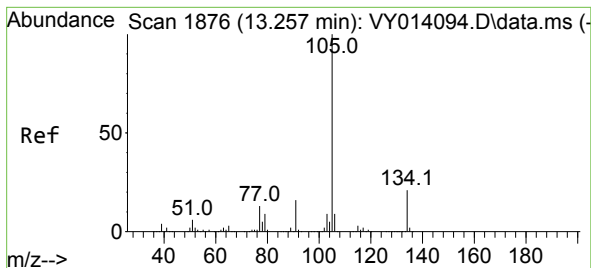
Tgt Ion:119 Resp: 169068
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.6
134 26.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.215 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion:105 Resp: 203400
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.324 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

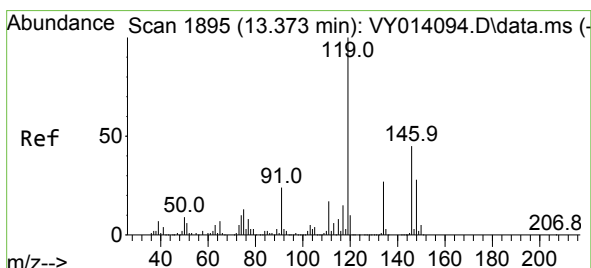
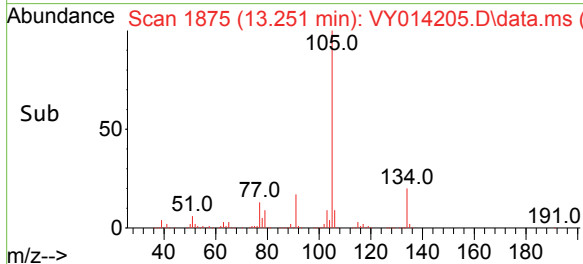
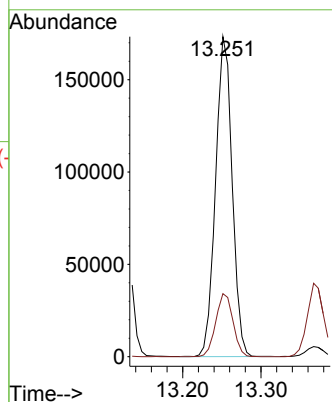
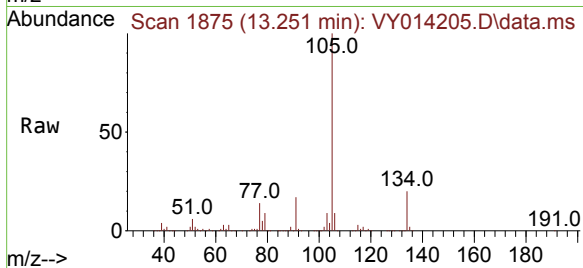
VY0616SBS01

Tgt Ion:105 Resp: 255235

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.802 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

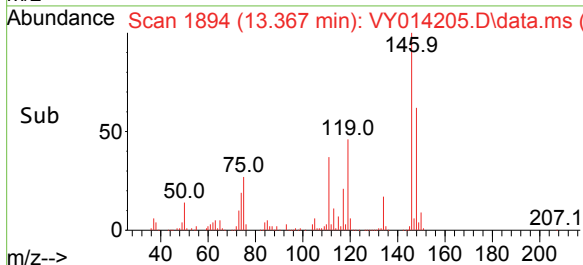
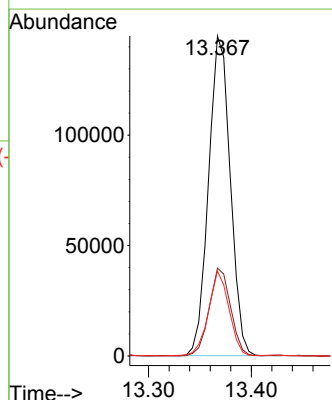
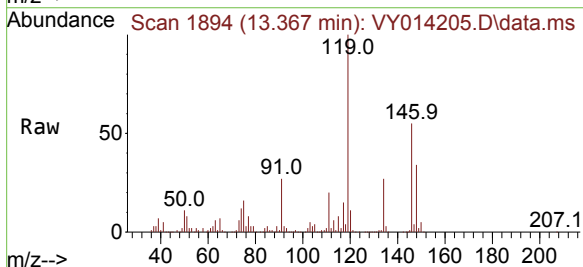
Tgt Ion:119 Resp: 212826

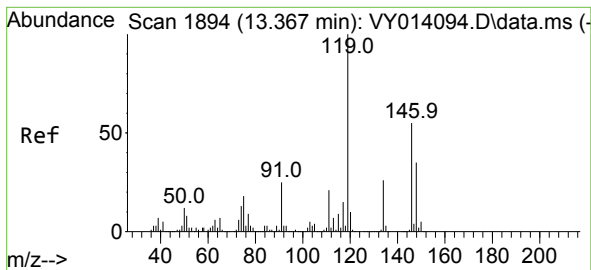
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.149 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

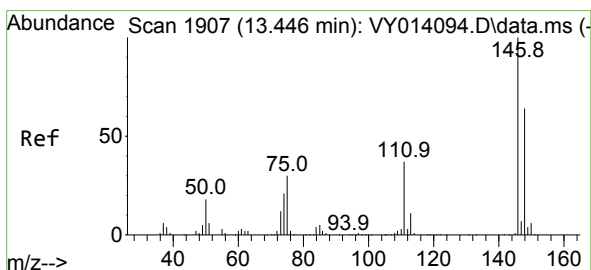
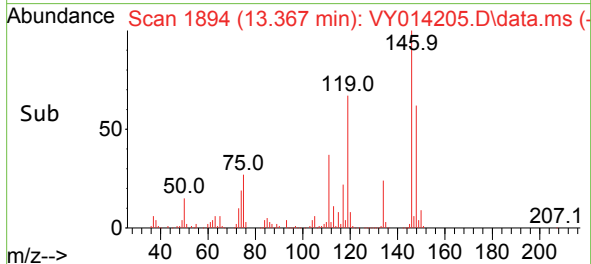
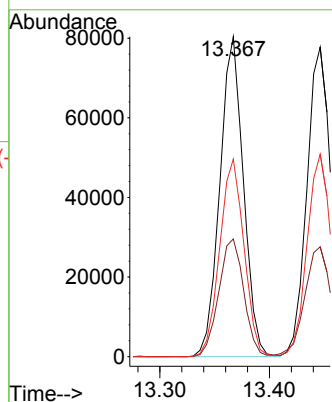
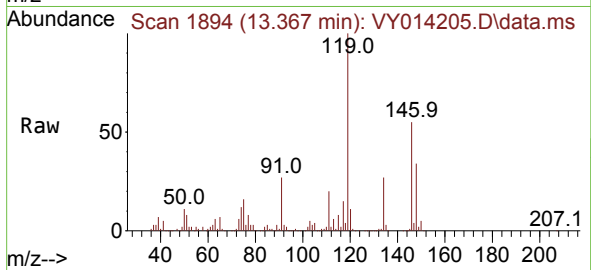
Tgt Ion:146 Resp: 120033

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.898 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

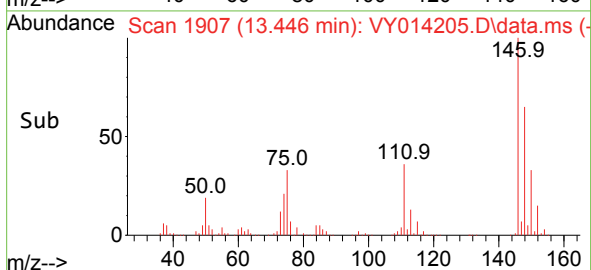
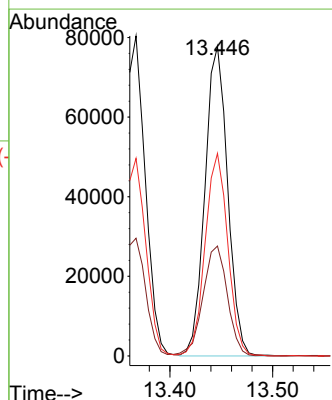
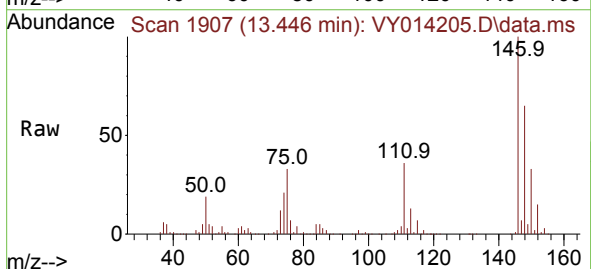
Tgt Ion:146 Resp: 119431

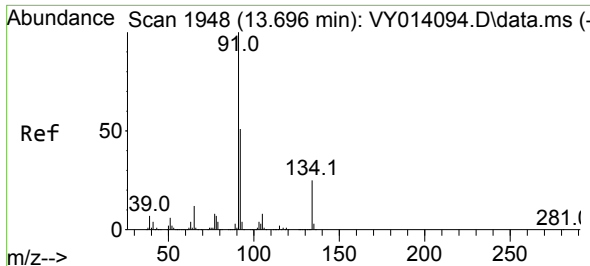
Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 65.3 32.1 96.5

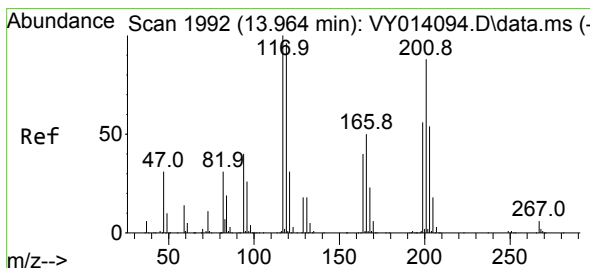
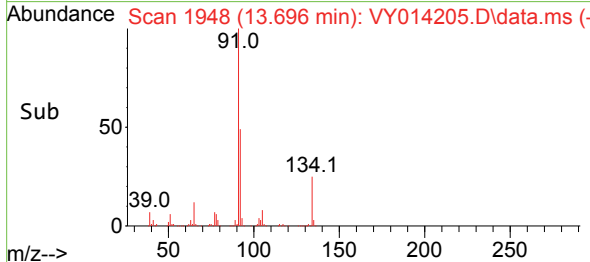
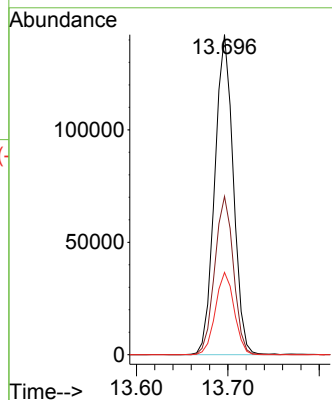
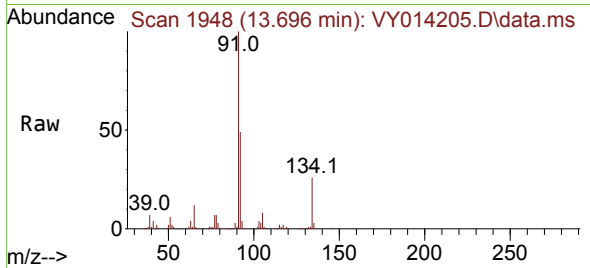




#89
n-Butylbenzene
Concen: 20.103 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

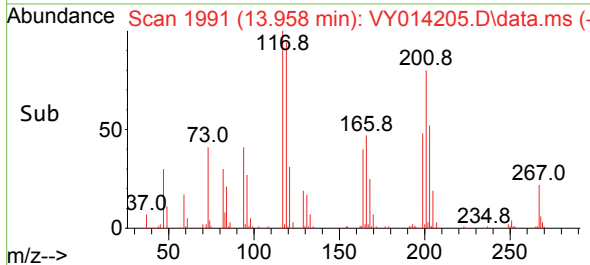
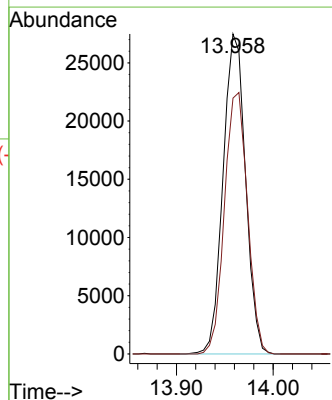
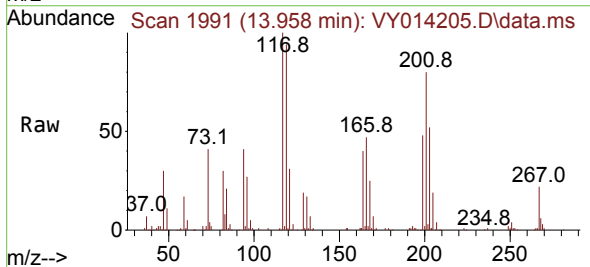
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

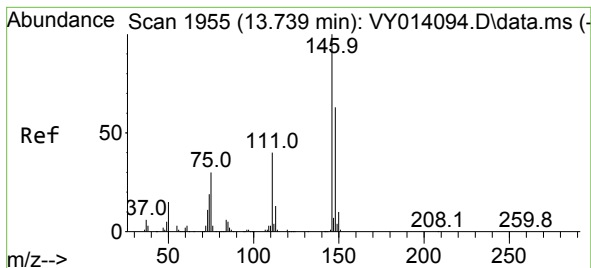
Tgt Ion: 91 Resp: 200396
Ion Ratio Lower Upper
91 100
92 50.0 25.4 76.0
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 20.641 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 117 Resp: 44205
Ion Ratio Lower Upper
117 100
201 83.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.155 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

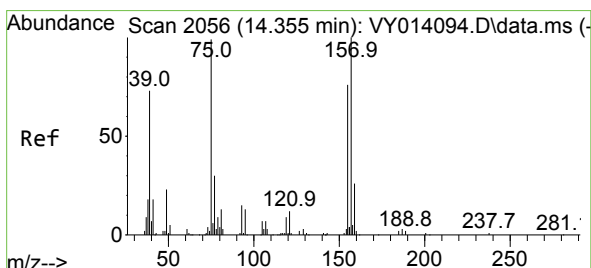
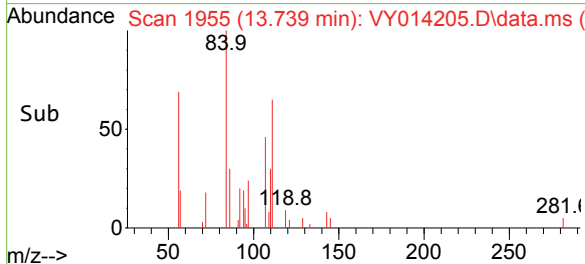
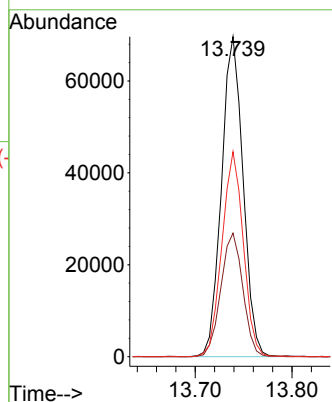
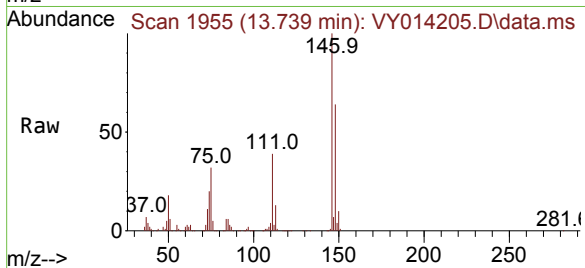
Tgt Ion:146 Resp: 107837

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 63.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.596 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

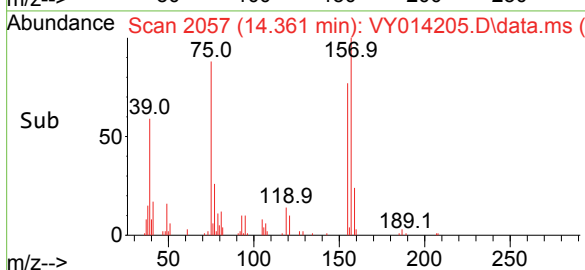
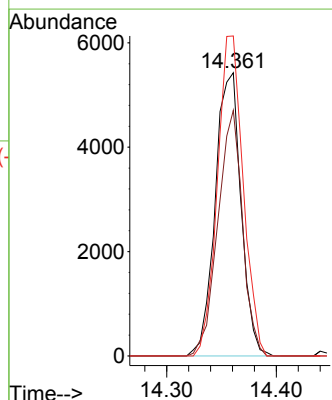
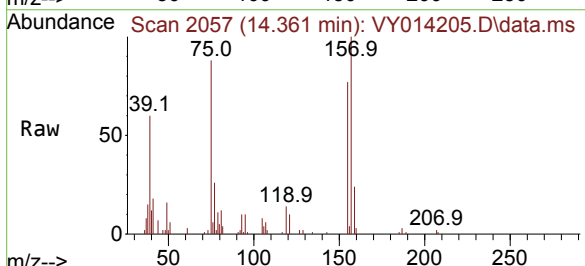
Tgt Ion: 75 Resp: 8888

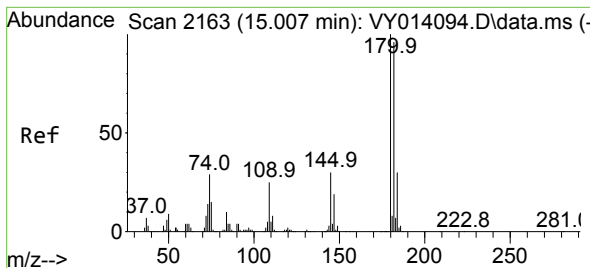
Ion Ratio Lower Upper

75 100

155 82.4 41.5 124.6

157 112.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.650 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

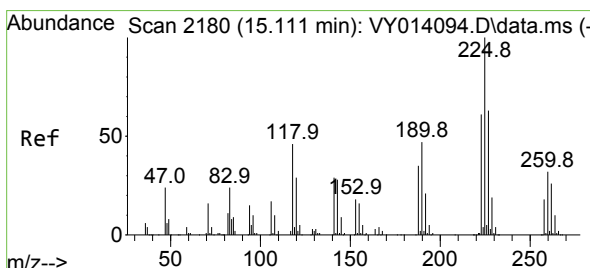
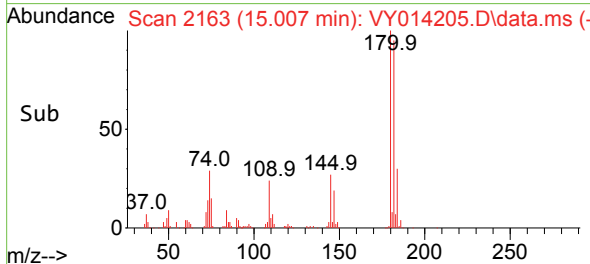
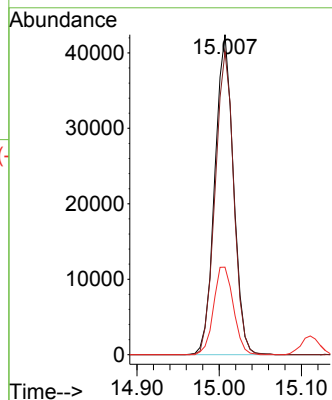
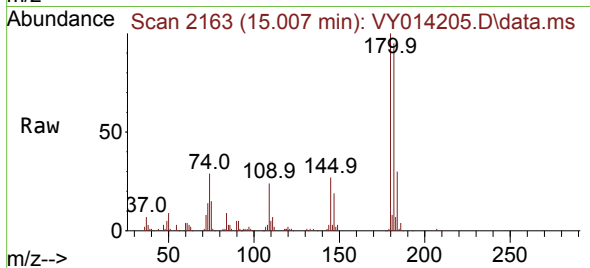
Tgt Ion:180 Resp: 66602

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 29.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.532 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

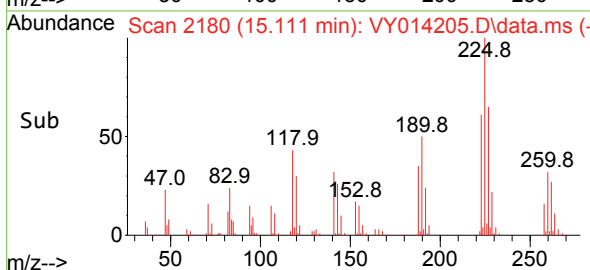
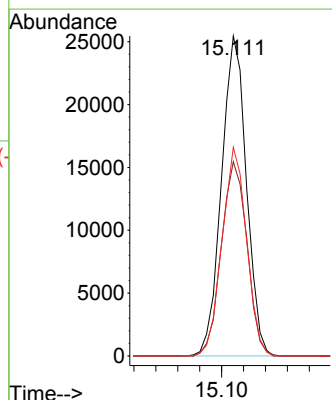
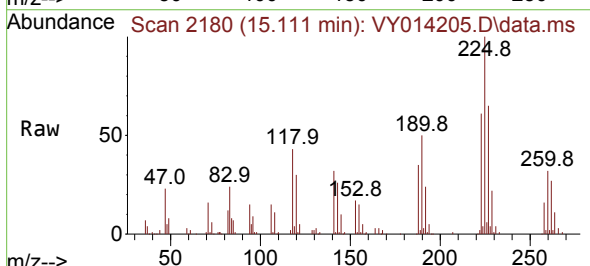
Tgt Ion:225 Resp: 40177

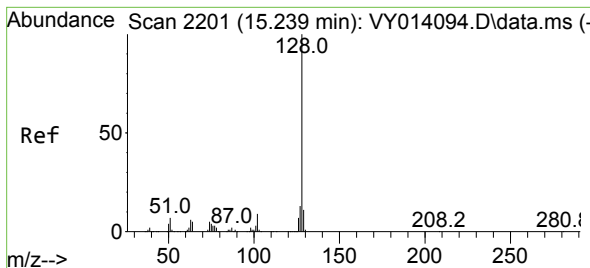
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 17.644 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

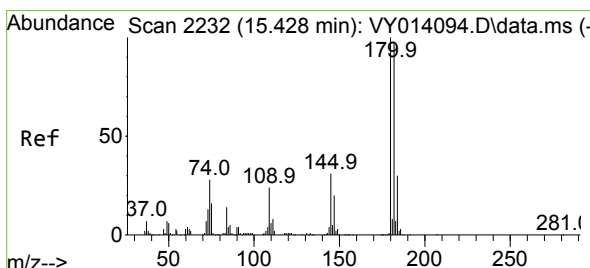
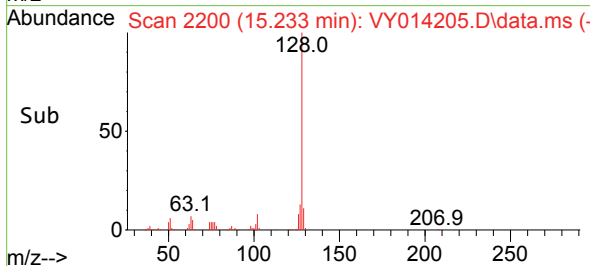
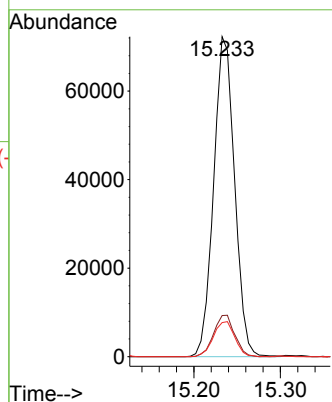
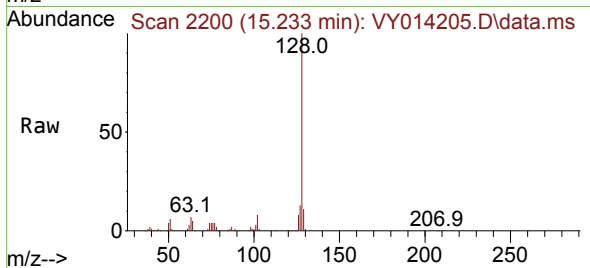
Tgt Ion:128 Resp: 121382

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.008 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion:180 Resp: 58215

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 31.6 15.4 46.2

