

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013269.D
 Acq On : 12 Apr 2023 16:02
 Operator : KP/MD
 Sample : VY0412SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

Quant Time: Apr 13 06:16:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	247147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	347434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	155259	52.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.540%	
35) Dibromofluoromethane	7.710	113	130961	51.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.173	98	488050	51.409	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.477	95	160221	51.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	43365	19.496	ug/l	90
3) Chloromethane	2.107	50	58234	20.897	ug/l	99
4) Vinyl Chloride	2.247	62	55663	21.068	ug/l	98
5) Bromomethane	2.650	94	42172	20.815	ug/l	95
6) Chloroethane	2.784	64	38430	21.568	ug/l	98
7) Trichlorofluoromethane	3.119	101	86725	21.089	ug/l	98
8) Diethyl Ether	3.522	74	32580	21.806	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	50475	20.888	ug/l	97
10) Methyl Iodide	4.082	142	61459	20.734	ug/l	96
11) Tert butyl alcohol	4.924	59	67989	178.814	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	48055	20.663	ug/l	94
13) Acrolein	3.723	56	41664	114.191	ug/l	97
14) Allyl chloride	4.473	41	94435	21.257	ug/l	95
15) Acrylonitrile	5.155	53	94775	110.391	ug/l	98
16) Acetone	3.948	43	102642	100.509	ug/l	94
17) Carbon Disulfide	4.186	76	158156	20.656	ug/l	100
18) Methyl Acetate	4.479	43	74427	22.534	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	149205	21.417	ug/l	98
20) Methylene Chloride	4.710	84	63758	21.174	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	54545	20.546	ug/l	100
22) Diisopropyl ether	6.113	45	191635	21.888	ug/l	96
23) Vinyl Acetate	6.052	43	611297	110.447	ug/l	98
24) 1,1-Dichloroethane	6.009	63	101152	20.683	ug/l	97
25) 2-Butanone	6.984	43	146387	111.954	ug/l	92
26) 2,2-Dichloropropane	6.972	77	92516	21.085	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	61751	21.391	ug/l	95
28) Bromochloromethane	7.326	49	41962	21.529	ug/l	95
29) Tetrahydrofuran	7.344	42	92379	116.323	ug/l	97
30) Chloroform	7.503	83	103484	20.909	ug/l	98
31) Cyclohexane	7.783	56	91805	20.442	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	93179	20.812	ug/l	98
36) 1,1-Dichloropropene	7.911	75	79628	20.608	ug/l	99
37) Ethyl Acetate	7.064	43	68840	22.102	ug/l	96
38) Carbon Tetrachloride	7.893	117	86580	20.265	ug/l	96
39) Methylcyclohexane	9.179	83	93095	20.726	ug/l	96
40) Benzene	8.155	78	228587	20.441	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	87183	67.471	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	76713	20.232	ug/l	97
43) Isopropyl Acetate	8.271	43	110688	21.396	ug/l	97
44) Trichloroethene	8.935	130	59101	20.515	ug/l	89
45) 1,2-Dichloropropane	9.210	63	59707	20.570	ug/l	100
46) Dibromomethane	9.301	93	35310	20.213	ug/l	98
47) Bromodichloromethane	9.490	83	81171	20.326	ug/l	100
48) Methyl methacrylate	9.289	41	49741	20.932	ug/l	95
49) 1,4-Dioxane	9.313	88	10549	445.699	ug/l #	69
51) 4-Methyl-2-Pentanone	10.063	43	319453	113.464	ug/l	95
52) Toluene	10.240	92	141030	20.885	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	86422	20.664	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	94817	20.676	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	48531	21.070	ug/l	97
56) Ethyl methacrylate	10.508	69	67994	21.559	ug/l	90
57) 1,3-Dichloropropane	10.782	76	81780	20.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	148728	112.941	ug/l	97
59) 2-Hexanone	10.831	43	231833	113.246	ug/l	94
60) Dibromochloromethane	10.977	129	58564	20.277	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48689	21.708	ug/l	99
64) Tetrachloroethene	10.715	164	52091	21.252	ug/l	98
65) Chlorobenzene	11.514	112	150649	20.728	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	57588	21.114	ug/l	100
67) Ethyl Benzene	11.587	91	264851	20.923	ug/l	100
68) m/p-Xylenes	11.697	106	208643	43.079	ug/l	100
69) o-Xylene	12.026	106	96223	21.452	ug/l	100
70) Styrene	12.038	104	165821	21.888	ug/l	99
71) Bromoform	12.203	173	40135	21.241	ug/l #	97
73) Isopropylbenzene	12.325	105	253797	20.959	ug/l	100
74) N-amyl acetate	12.142	43	94323	21.833	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	63394	21.192	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	82110	37.326	ug/l #	100
77) Bromobenzene	12.605	156	62132	20.518	ug/l	96
78) n-propylbenzene	12.666	91	316289	21.149	ug/l	100
79) 2-Chlorotoluene	12.752	91	173405	20.598	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	211919	20.893	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	23456	22.130	ug/l	96
82) 4-Chlorotoluene	12.849	91	182330	20.544	ug/l	99
83) tert-Butylbenzene	13.075	119	186255	21.400	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	205212	20.788	ug/l	100
85) sec-Butylbenzene	13.251	105	272070	20.904	ug/l	99
86) p-Isopropyltoluene	13.367	119	228650	21.409	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	121691	20.847	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	122633	20.789	ug/l	98
89) n-Butylbenzene	13.697	91	212612	20.814	ug/l	98
90) Hexachloroethane	13.959	117	45512	20.437	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	110125	20.732	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11459	21.094	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	66464	21.053	ug/l	99
94) Hexachlorobutadiene	15.111	225	39034	20.880	ug/l	99
95) Naphthalene	15.233	128	146274	20.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60374	20.991	ug/l	99

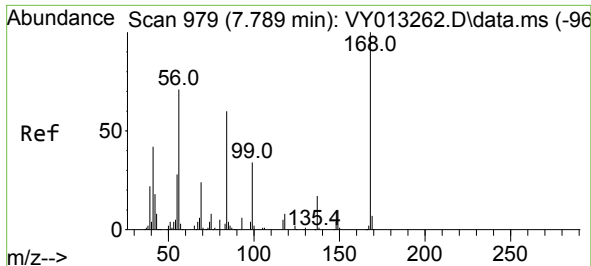
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
Data File : VY013269.D
Acq On : 12 Apr 2023 16:02
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Sample : VY0412SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0412SBSD01

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

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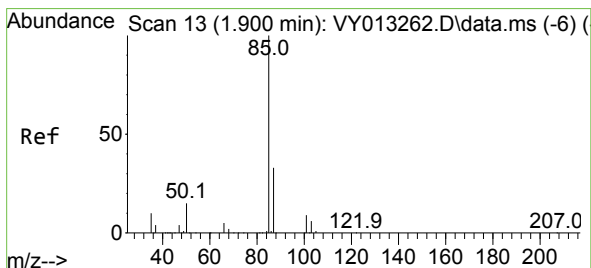
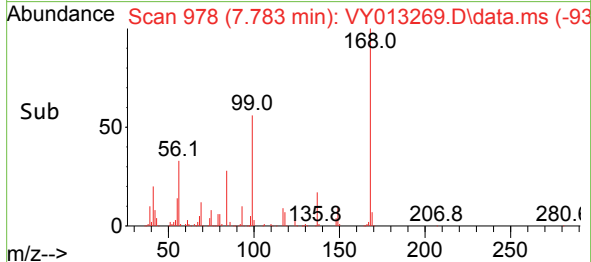
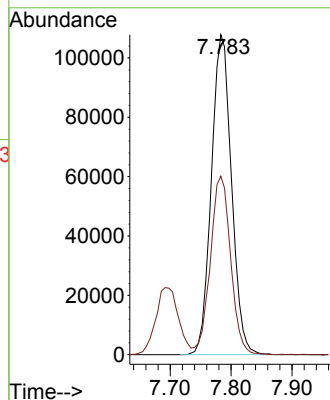
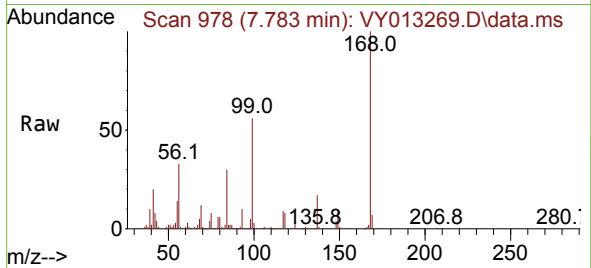
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

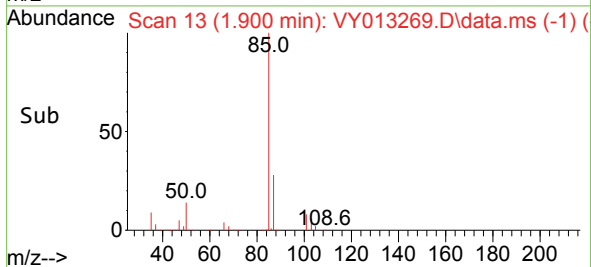
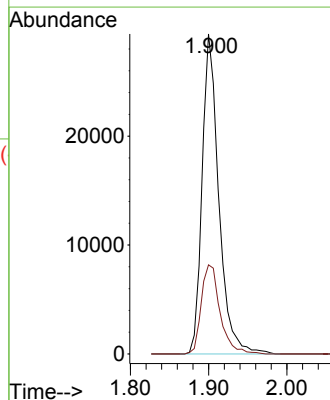
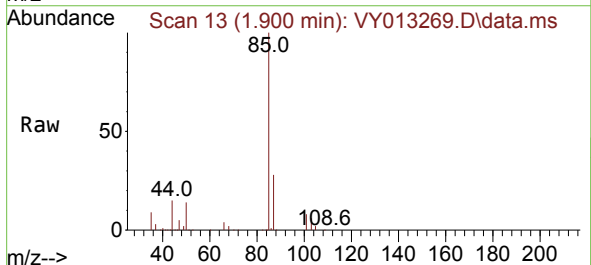
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ClientSampleId :
VY0412SBS01

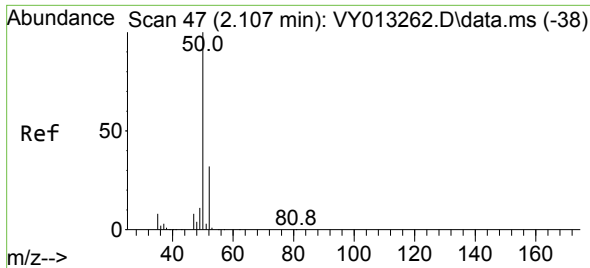
Tgt Ion:168 Resp: 247147
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.496 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 85 Resp: 43365
Ion Ratio Lower Upper
85 100
87 27.9 16.7 50.0

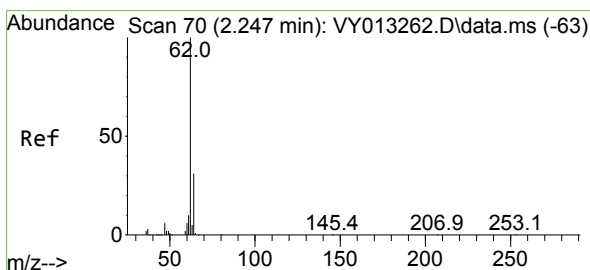
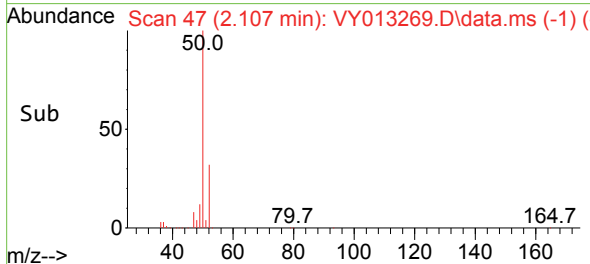
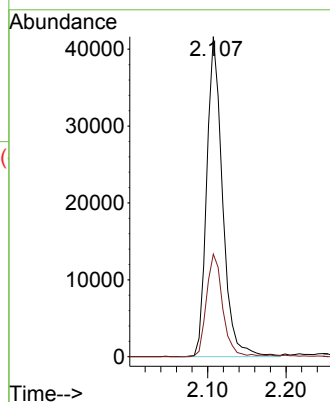
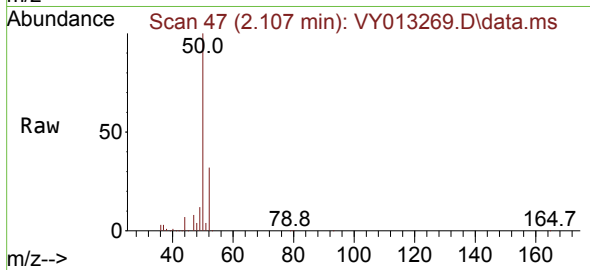




#3
Chloromethane
Concen: 20.897 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

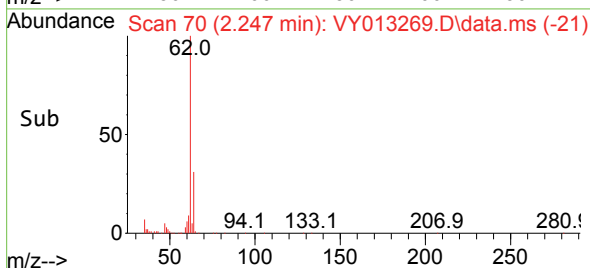
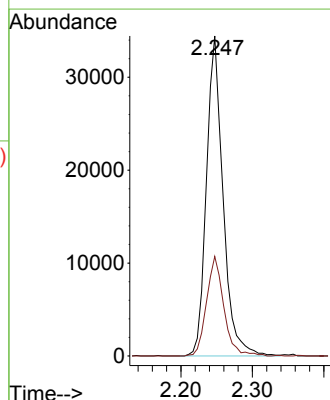
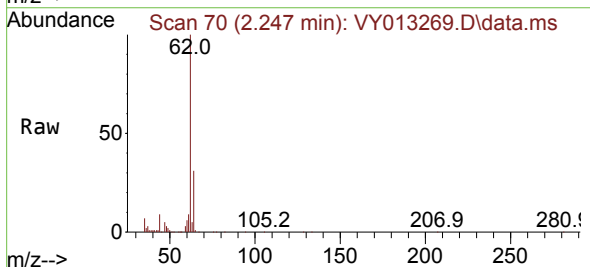
Instrument :
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ClientSampleId :
VY0412SBSD01

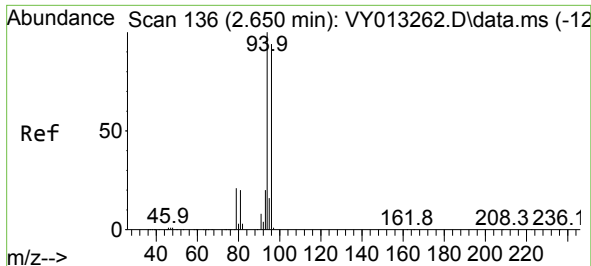
Tgt Ion: 50 Resp: 58234
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 21.068 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 62 Resp: 55663
Ion Ratio Lower Upper
62 100
64 31.1 25.6 38.4

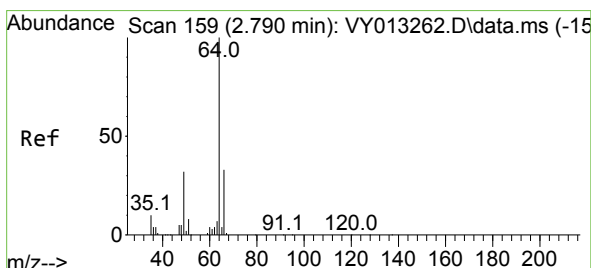
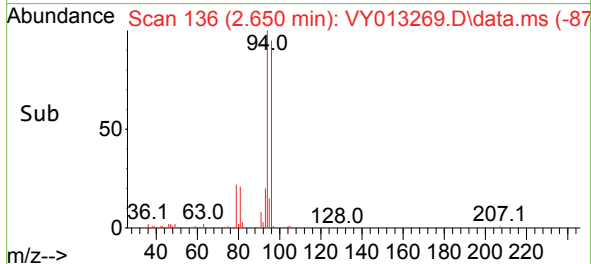
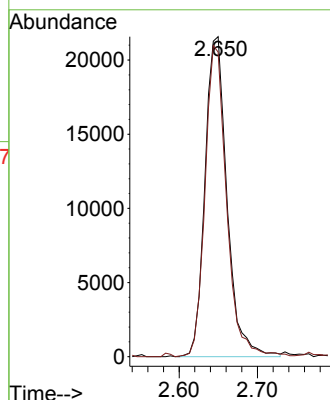
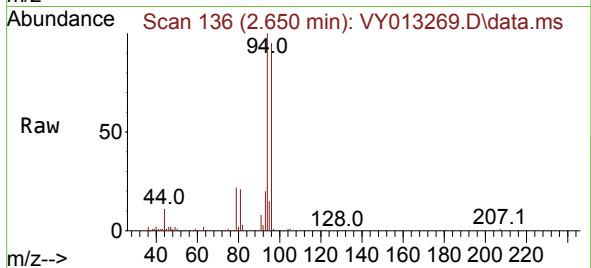




#5
Bromomethane
Concen: 20.815 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

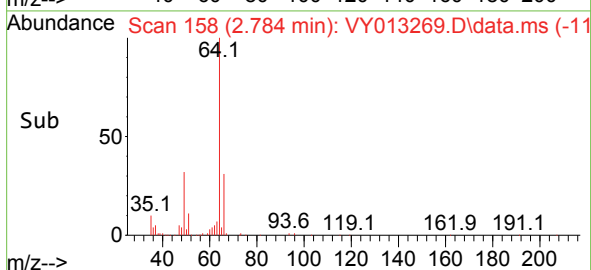
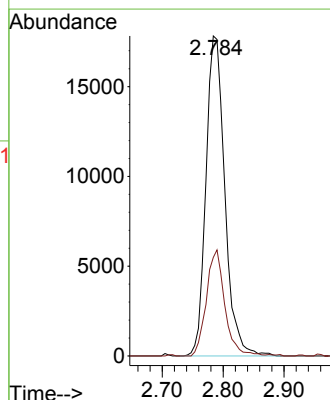
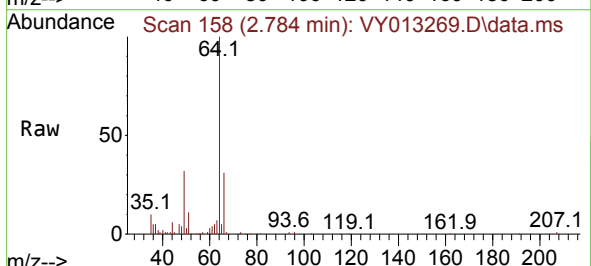
Instrument :
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VY0412SBSD01

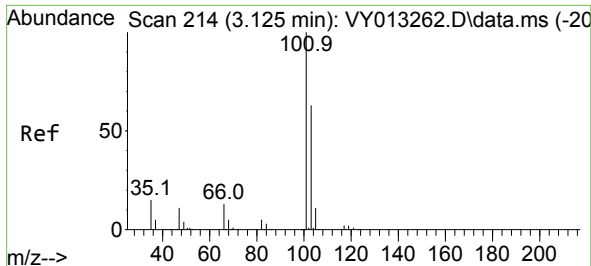
Tgt Ion: 94 Resp: 42172
Ion Ratio Lower Upper
94 100
96 95.0 80.3 120.5



#6
Chloroethane
Concen: 21.568 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 64 Resp: 38430
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5

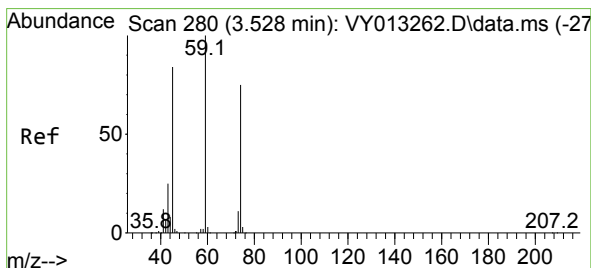
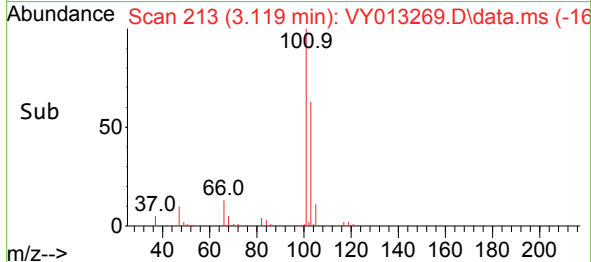
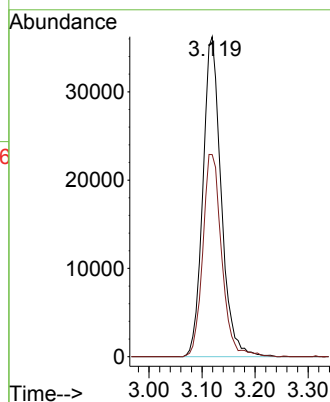
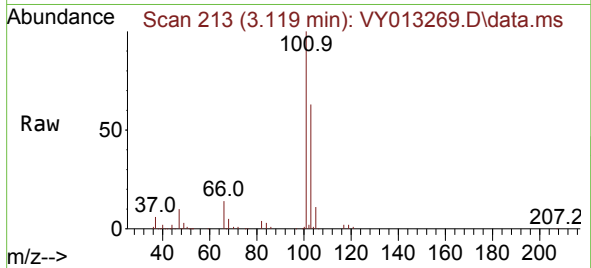




#7
 Trichlorofluoromethane
 Concen: 21.089 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

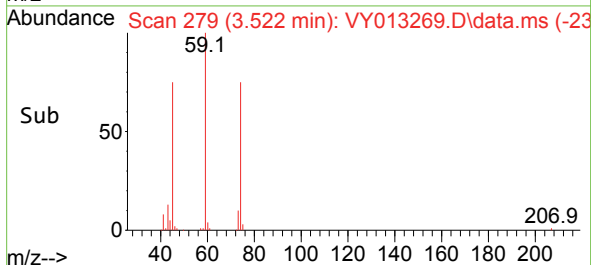
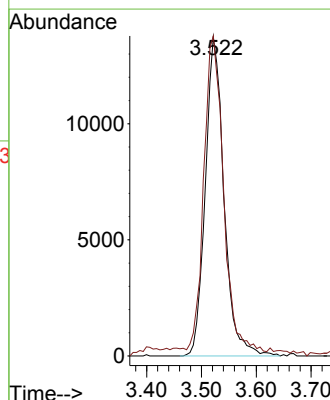
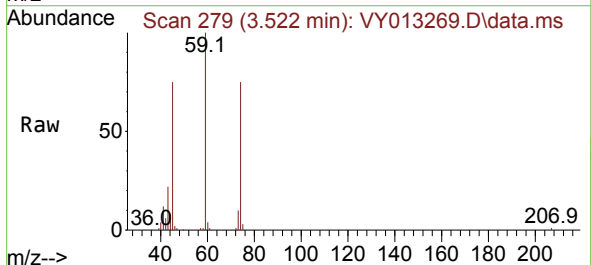
Instrument :
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 ClientSampleId :
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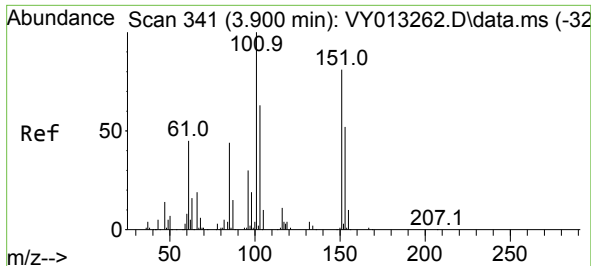
Tgt Ion:101 Resp: 86725
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.806 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

Tgt Ion: 74 Resp: 32580
 Ion Ratio Lower Upper
 74 100
 45 103.2 52.1 156.4

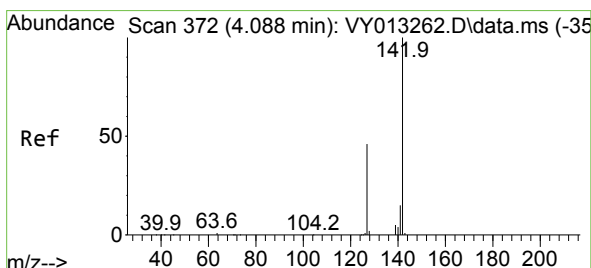
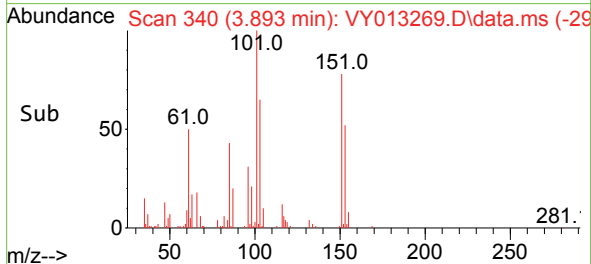
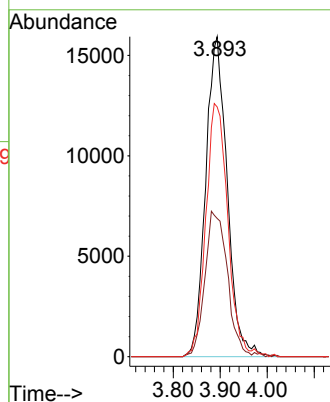
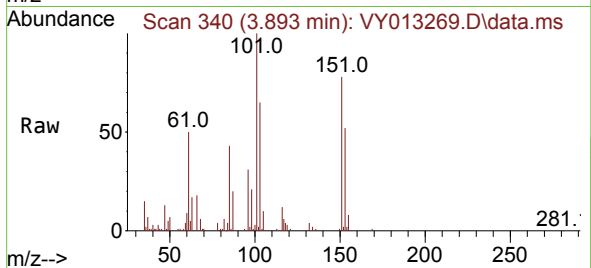




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.888 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

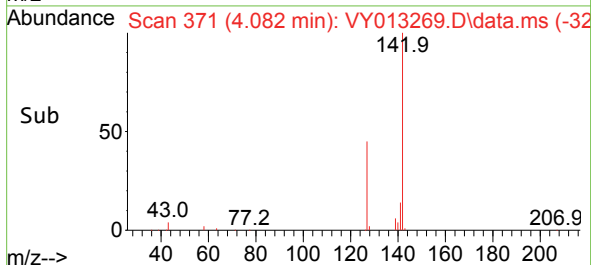
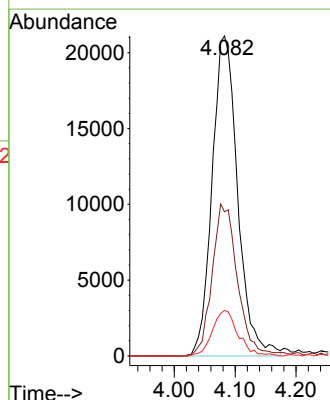
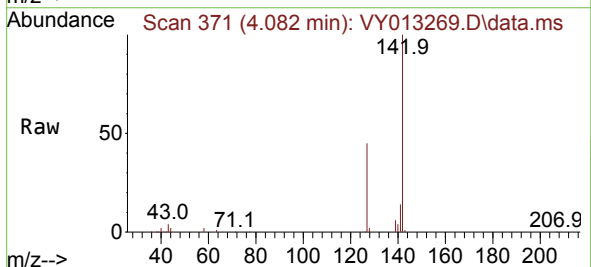
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

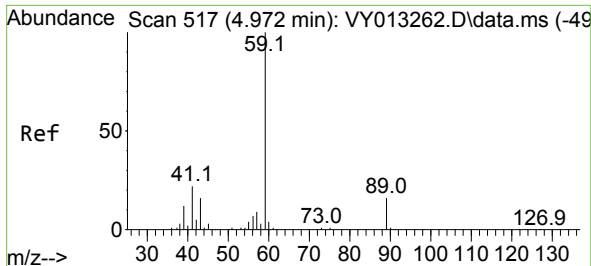
Tgt Ion:101 Resp: 50475
Ion Ratio Lower Upper
101 100
85 47.6 35.3 52.9
151 80.9 63.1 94.7



#10
Methyl Iodide
Concen: 20.734 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion:142 Resp: 61459
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.2
141 14.3 11.3 16.9

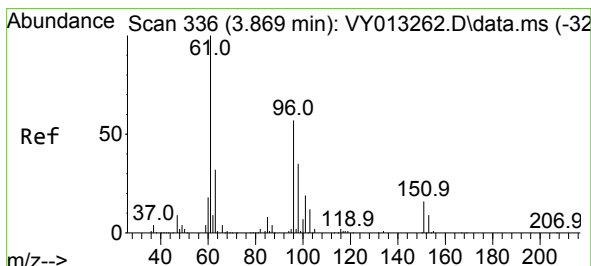
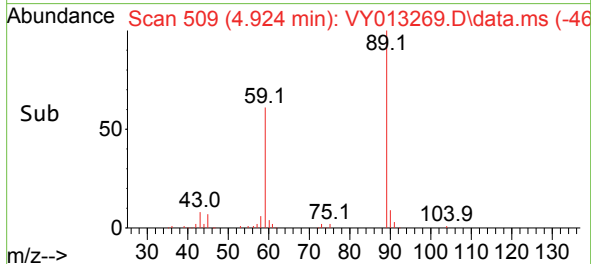
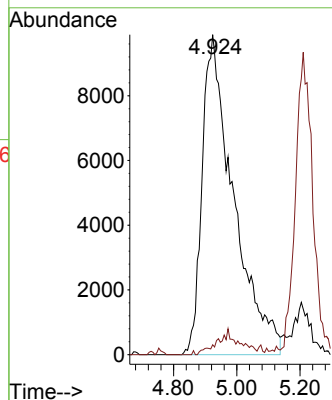
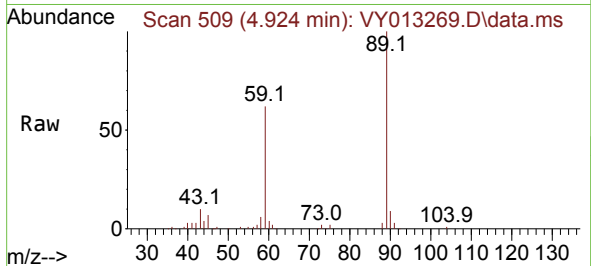




#11
Tert butyl alcohol
Concen: 178.814 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.048 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

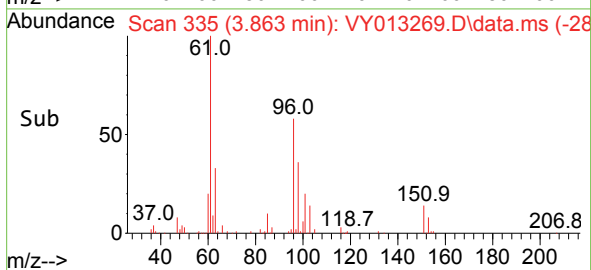
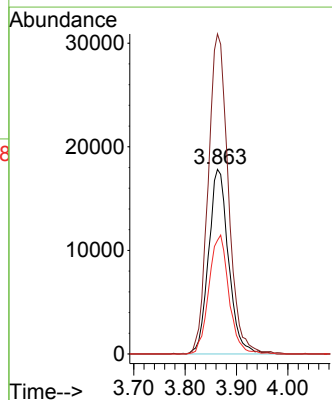
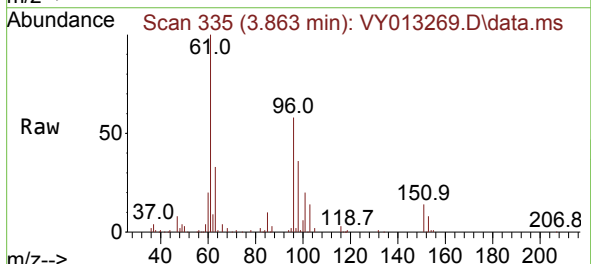
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

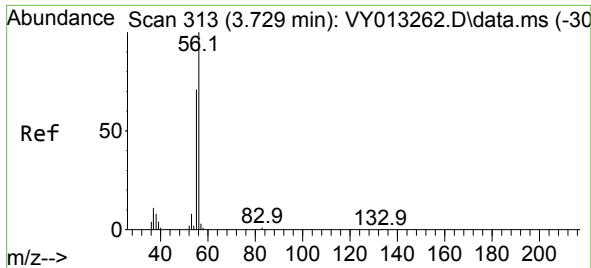
Tgt Ion: 59 Resp: 67989
Ion Ratio Lower Upper
59 100
57 1.6 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.663 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 96 Resp: 48055
Ion Ratio Lower Upper
96 100
61 173.3 131.7 197.5
98 61.6 52.0 78.0

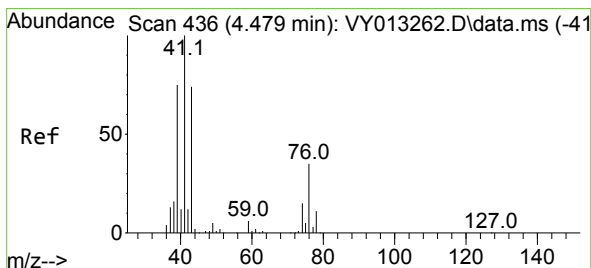
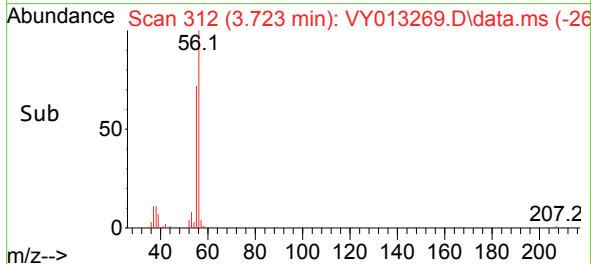
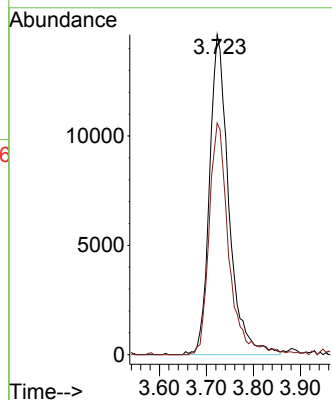
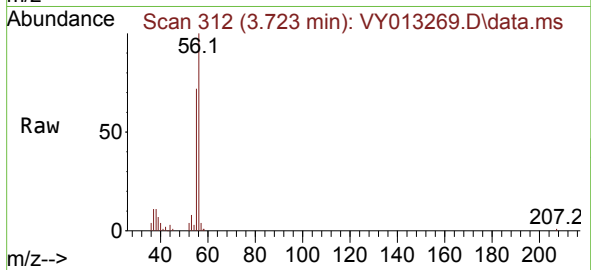




#13
Acrolein
Concen: 114.191 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

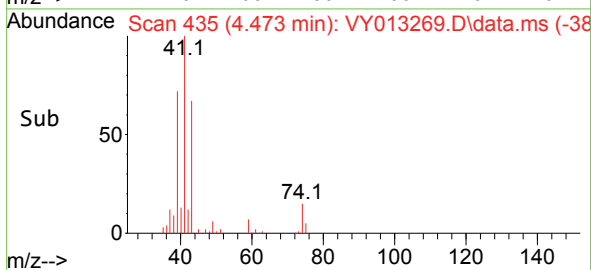
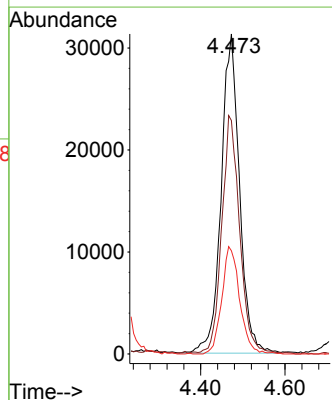
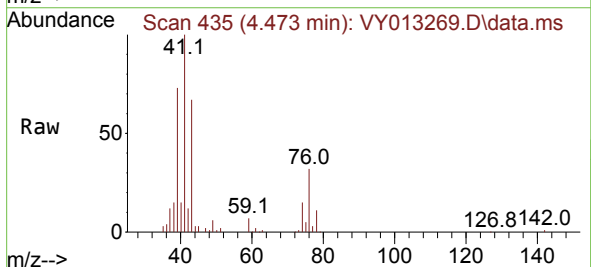
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

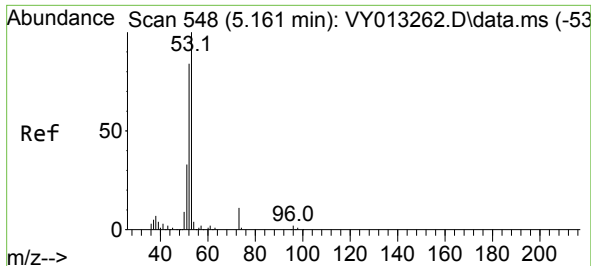
Tgt Ion: 56 Resp: 41664
Ion Ratio Lower Upper
56 100
55 73.6 56.8 85.2



#14
Allyl chloride
Concen: 21.257 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 41 Resp: 94435
Ion Ratio Lower Upper
41 100
39 72.0 53.6 80.4
76 32.8 27.2 40.8





#15

Acrylonitrile

Concen: 110.391 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBSD01

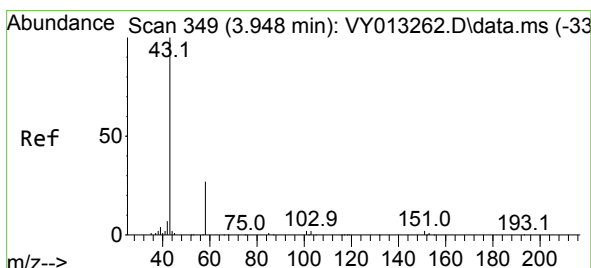
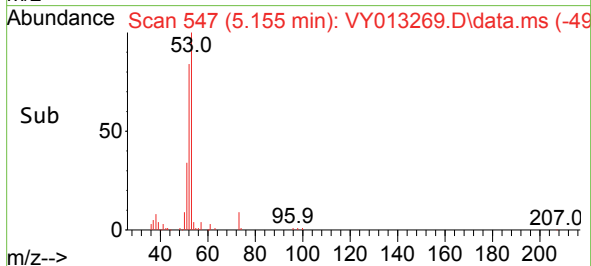
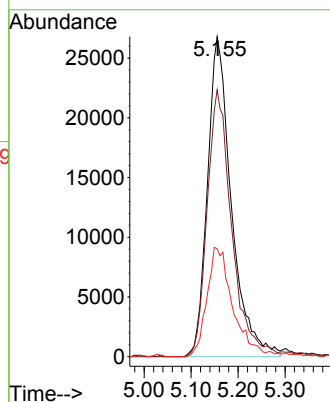
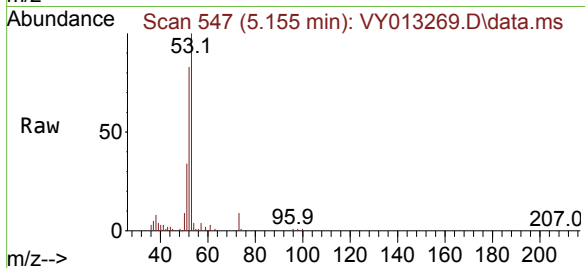
Tgt Ion: 53 Resp: 94775

Ion Ratio Lower Upper

53 100

52 85.1 66.3 99.5

51 36.6 28.8 43.2



#16

Acetone

Concen: 100.509 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY013269.D

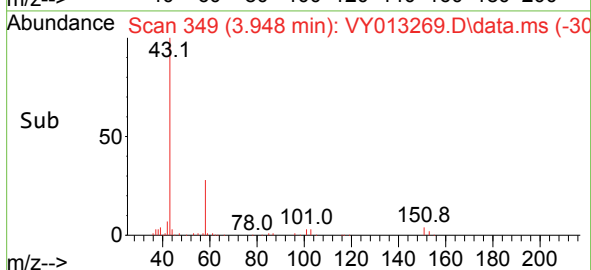
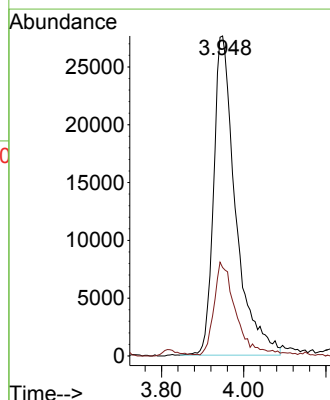
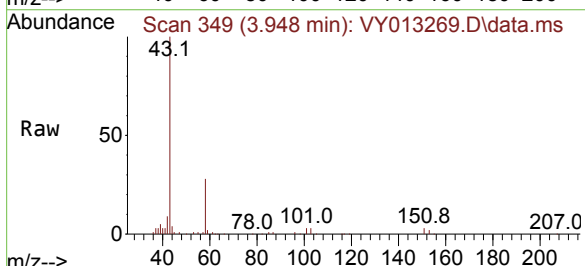
Acq: 12 Apr 2023 16:02

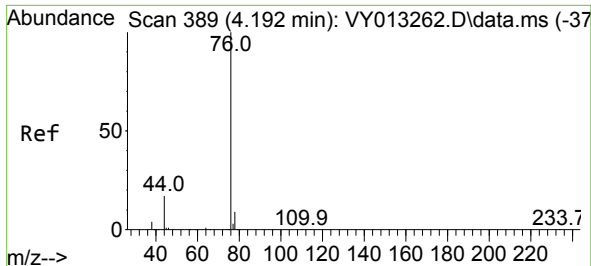
Tgt Ion: 43 Resp: 102642

Ion Ratio Lower Upper

43 100

58 26.9 24.2 36.2

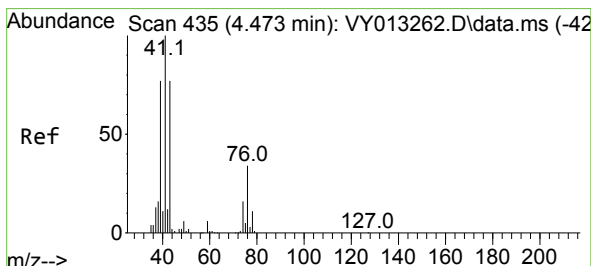
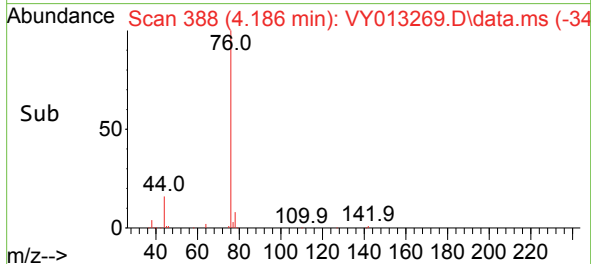
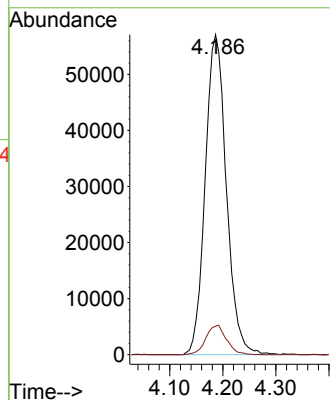
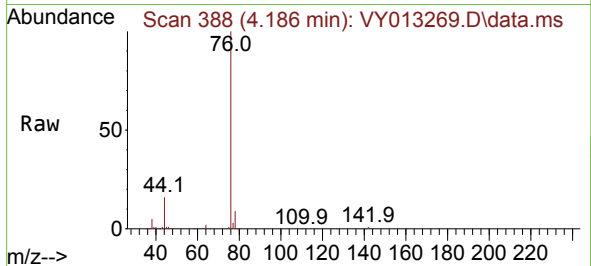




#17
Carbon Disulfide
Concen: 20.656 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

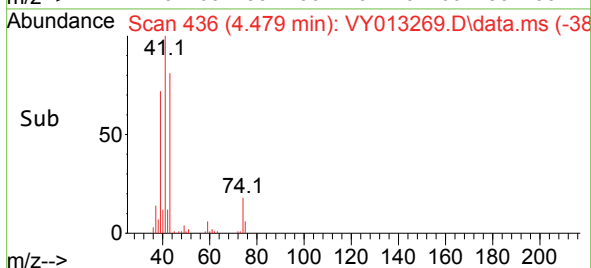
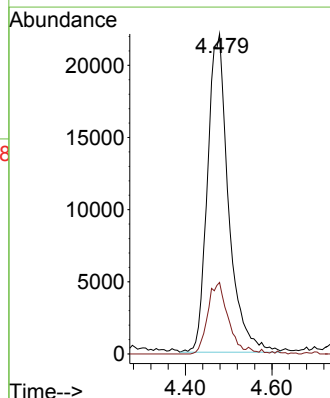
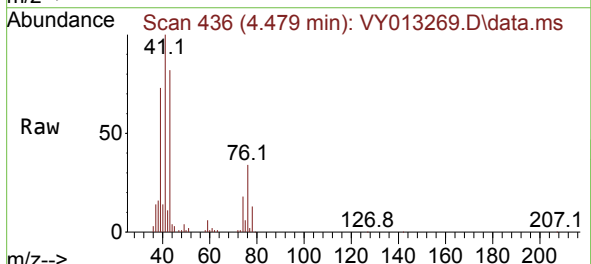
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

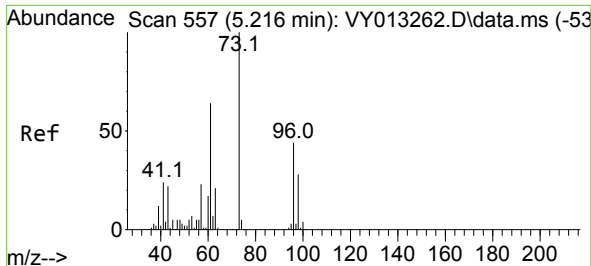
Tgt Ion: 76 Resp: 158156
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 22.534 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 43 Resp: 74427
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.417 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

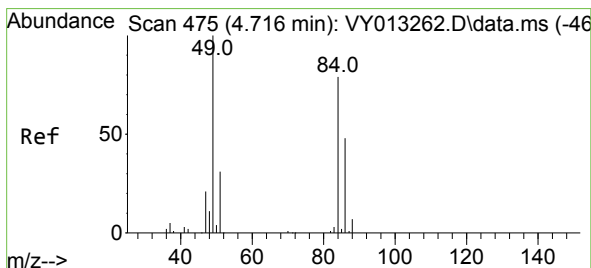
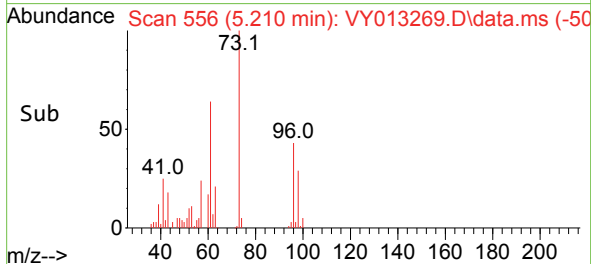
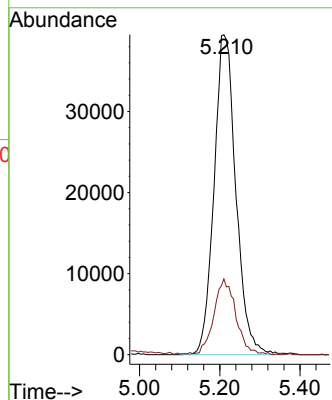
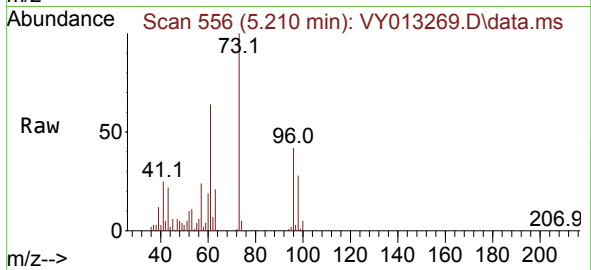
VY0412SBS01

Tgt Ion: 73 Resp: 149205

Ion Ratio Lower Upper

73 100

57 23.7 18.3 27.5



#20

Methylene Chloride

Concen: 21.174 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Tgt Ion: 84 Resp: 63758

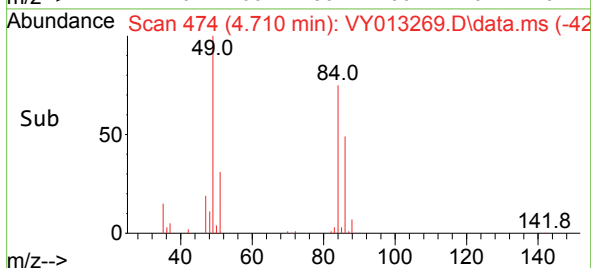
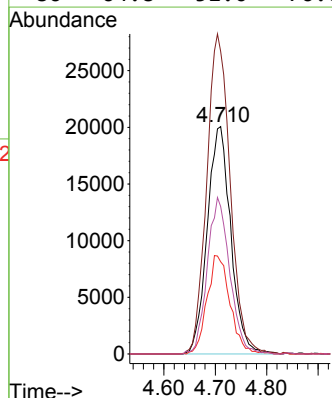
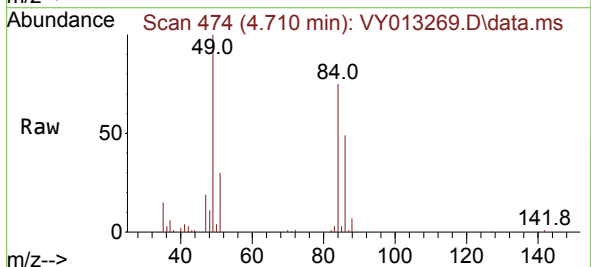
Ion Ratio Lower Upper

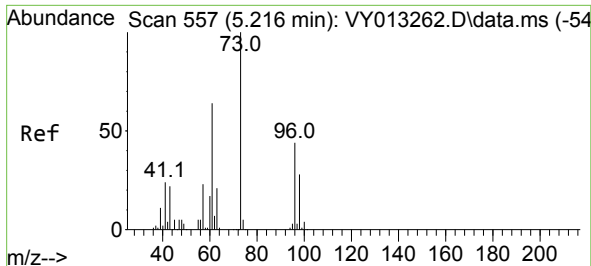
84 100

49 133.0 102.6 154.0

51 40.5 31.9 47.9

86 64.8 51.0 76.6

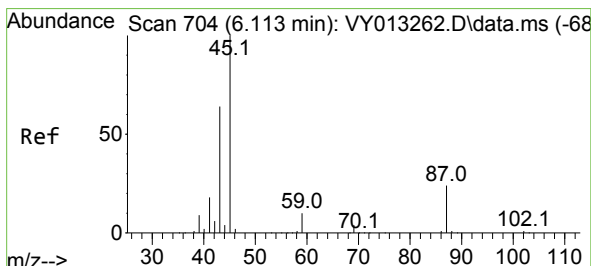
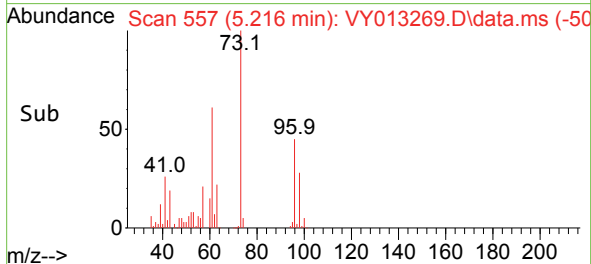
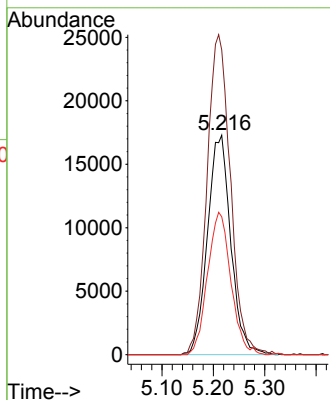
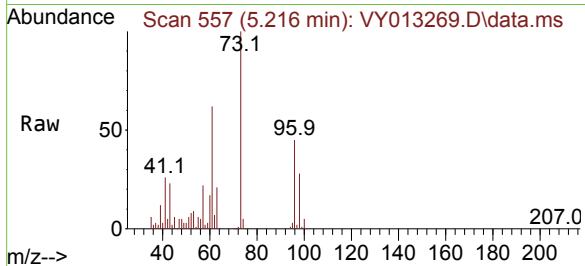




#21
trans-1,2-Dichloroethene
Concen: 20.546 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

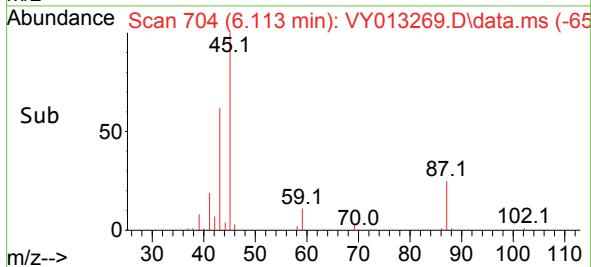
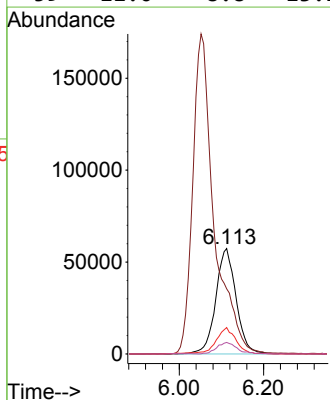
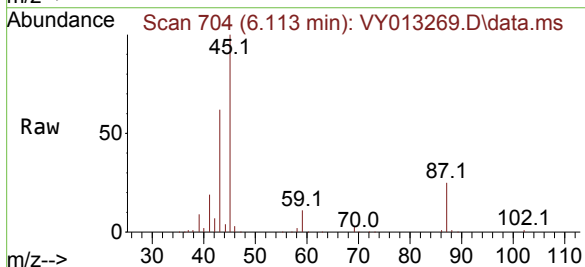
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

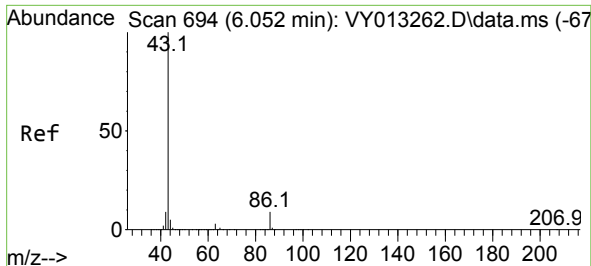
Tgt Ion: 96 Resp: 54545
Ion Ratio Lower Upper
96 100
61 138.8 111.4 167.0
98 62.8 50.8 76.2



#22
Diisopropyl ether
Concen: 21.888 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 45 Resp: 191635
Ion Ratio Lower Upper
45 100
43 60.9 45.0 67.6
87 25.0 20.3 30.5
59 11.0 8.8 13.2

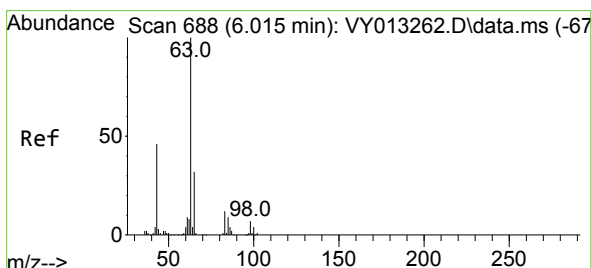
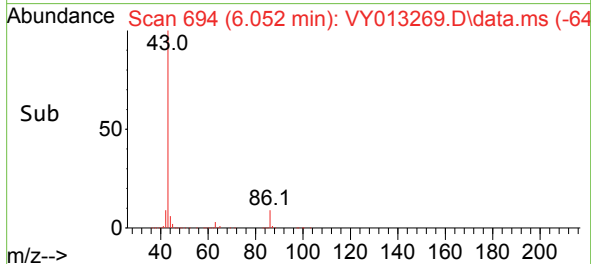
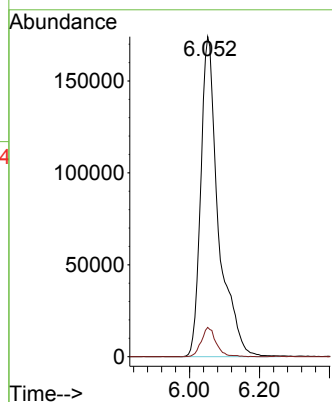
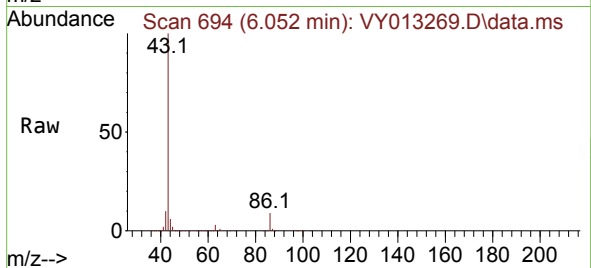




#23
 Vinyl Acetate
 Concen: 110.447 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

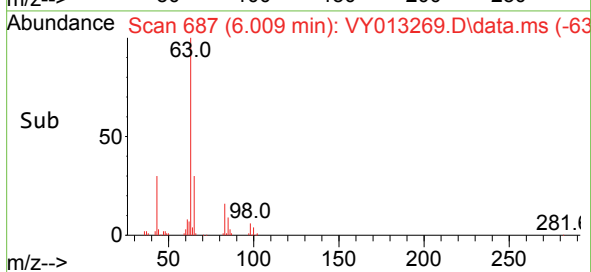
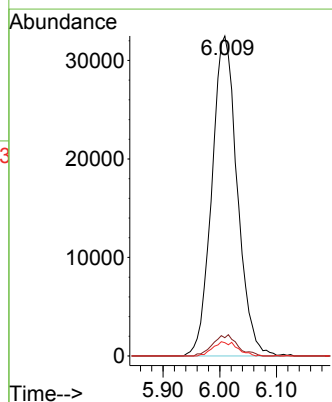
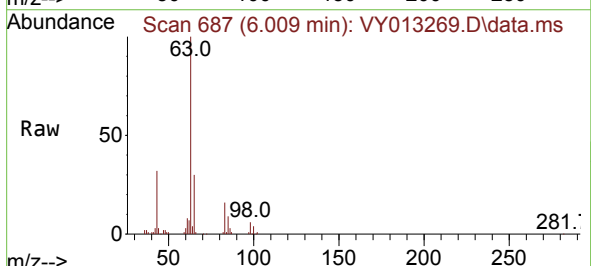
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBSD01

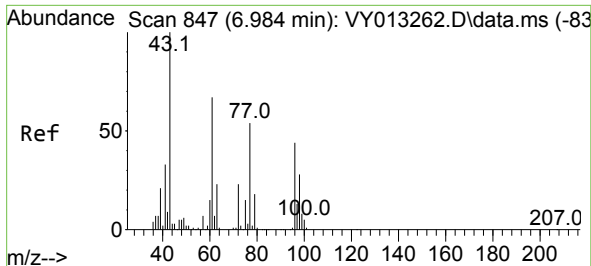
Tgt Ion: 43 Resp: 611297
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.683 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

Tgt Ion: 63 Resp: 101152
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.7 11.1
 100 4.2 2.3 6.8

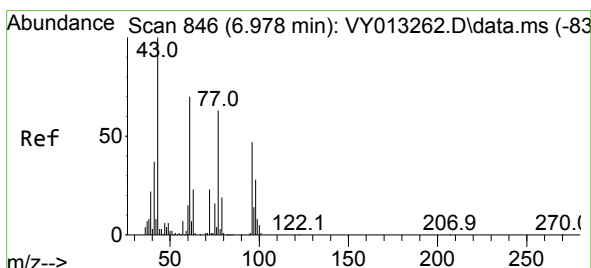
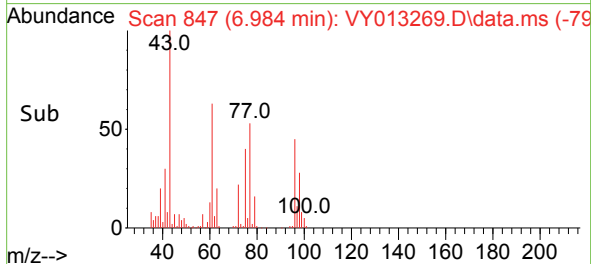
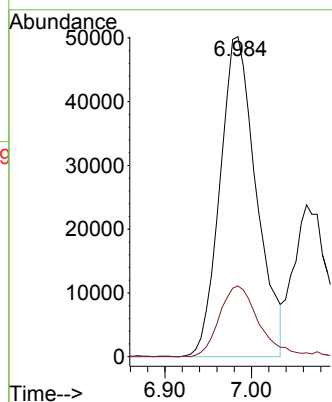
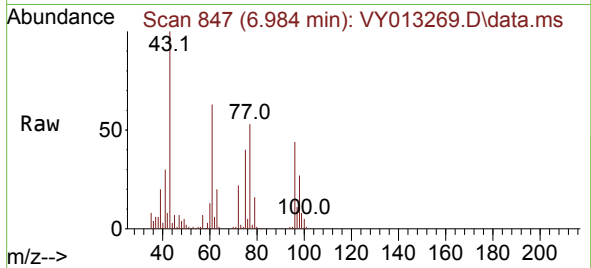




#25
2-Butanone
Concen: 111.954 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

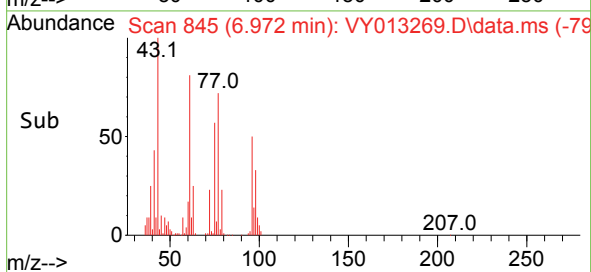
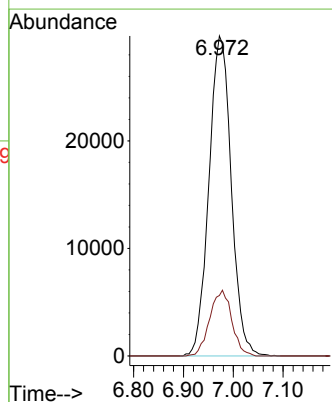
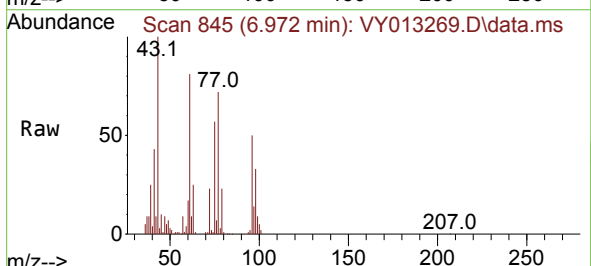
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

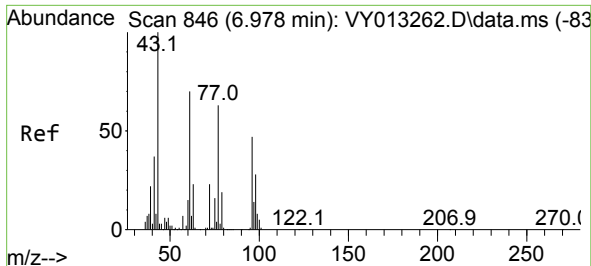
Tgt Ion: 43 Resp: 146387
Ion Ratio Lower Upper
43 100
72 22.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 21.085 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 77 Resp: 92516
Ion Ratio Lower Upper
77 100
97 20.3 11.7 35.0



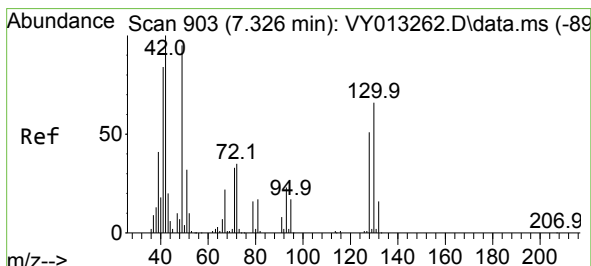
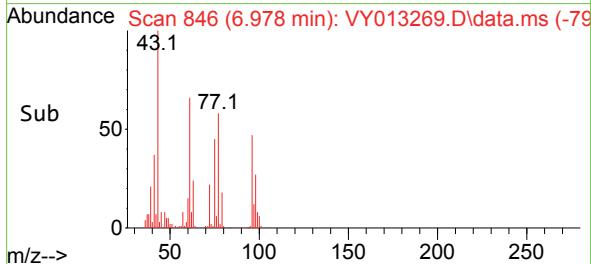
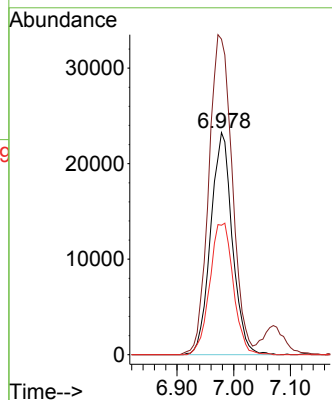
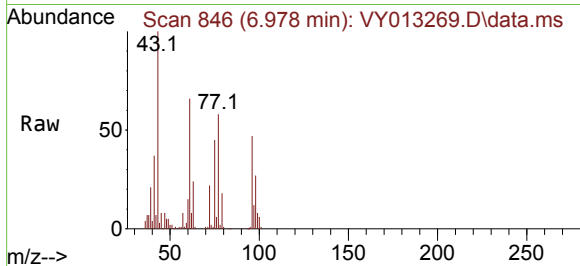


#27
 cis-1,2-Dichloroethene
 Concen: 21.391 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBSD01

Tgt Ion: 96 Resp: 61751

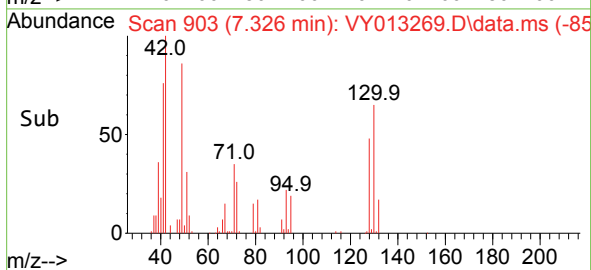
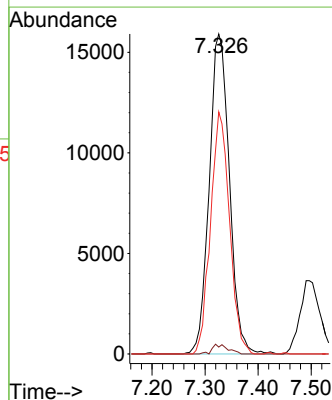
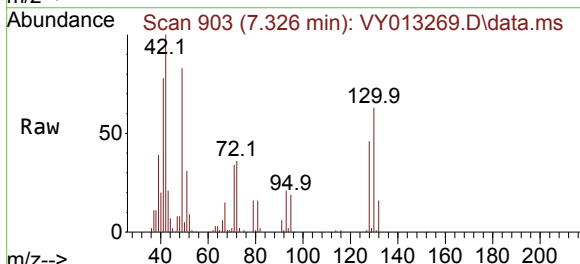
Ion	Ratio	Lower	Upper
96	100		
61	155.6	0.0	295.8
98	64.2	0.0	130.2

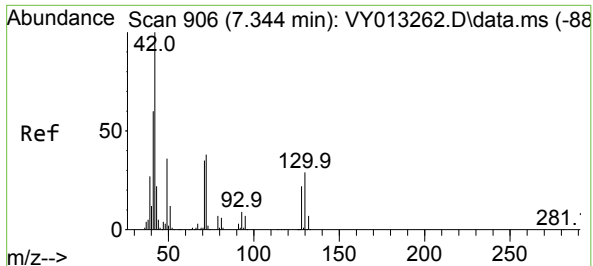


#28
 Bromochloromethane
 Concen: 21.529 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

Tgt Ion: 49 Resp: 41962

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	71.3	60.5	90.7

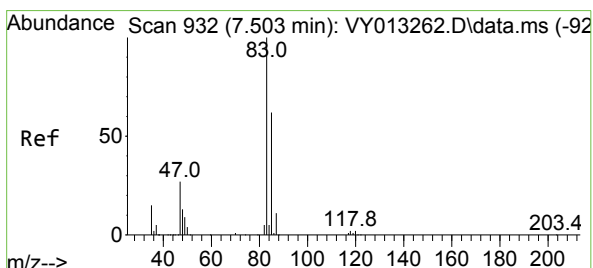
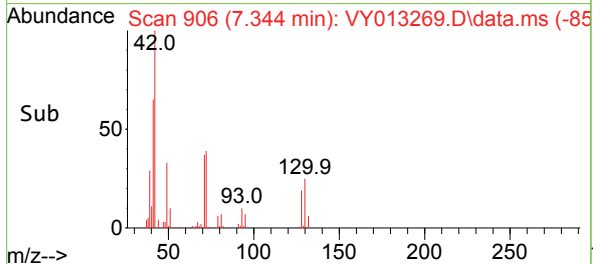
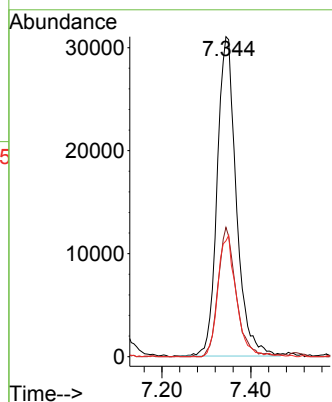
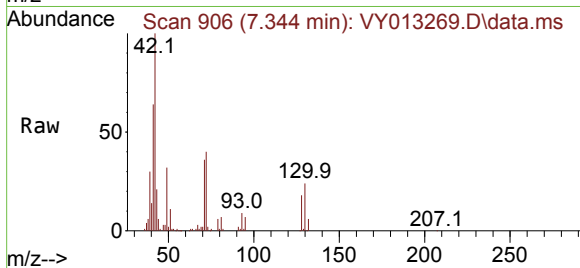




#29
Tetrahydrofuran
Concen: 116.323 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

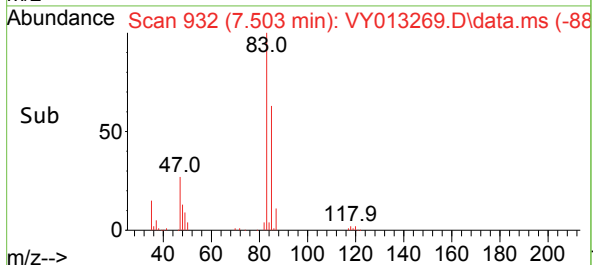
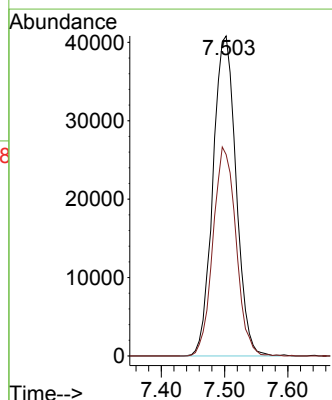
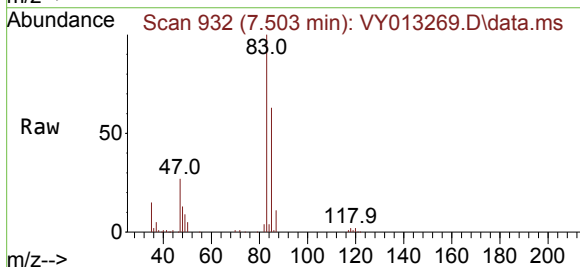
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

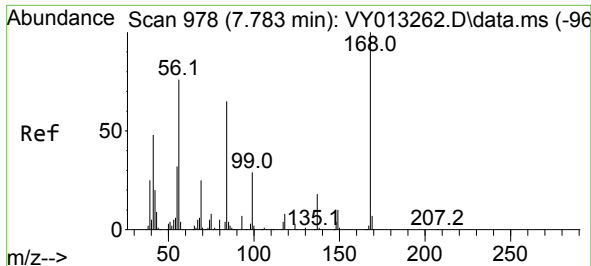
Tgt Ion: 42 Resp: 92379
Ion Ratio Lower Upper
42 100
72 38.2 32.3 48.5
71 36.3 30.3 45.5



#30
Chloroform
Concen: 20.909 ug/l
RT: 7.503 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 83 Resp: 103484
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0

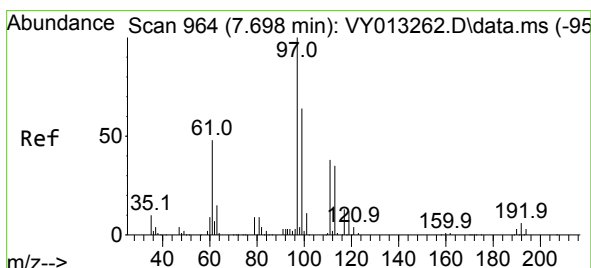
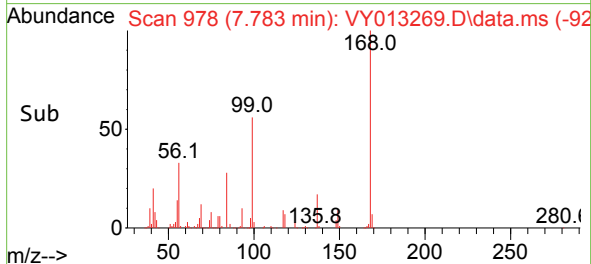
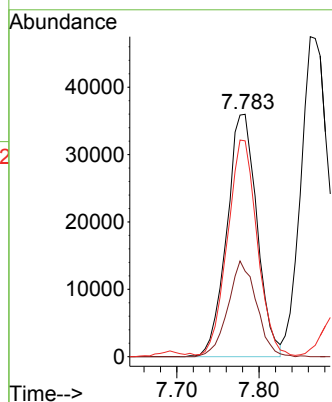
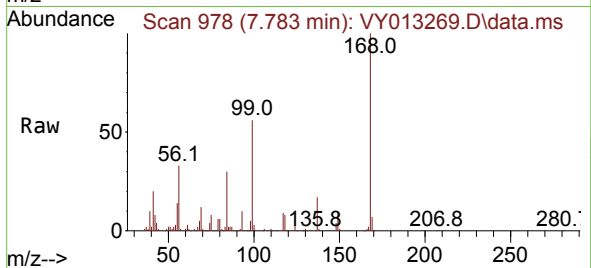




#31
Cyclohexane
Concen: 20.442 ug/l
RT: 7.783 min Scan# 918
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

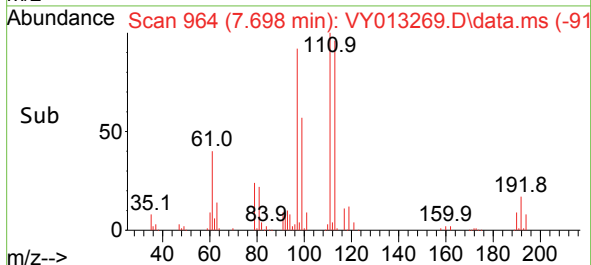
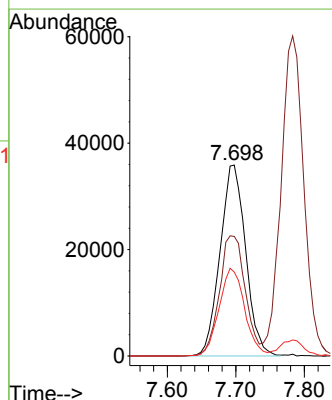
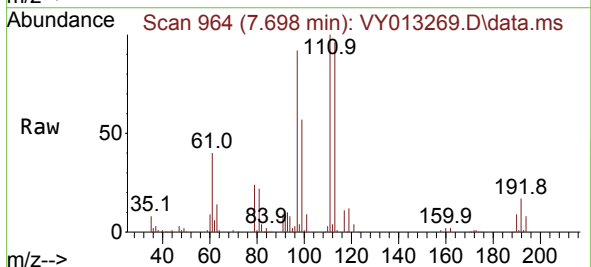
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

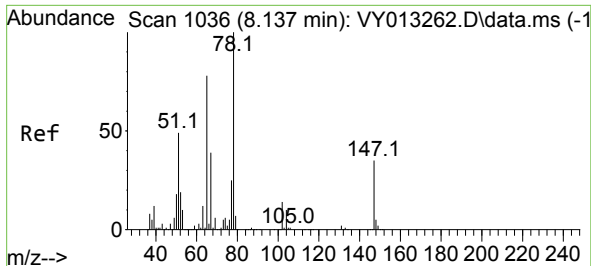
Tgt Ion: 56 Resp: 91805
Ion Ratio Lower Upper
56 100
69 35.3 25.7 38.5
84 87.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 20.812 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 97 Resp: 93179
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 45.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.273 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

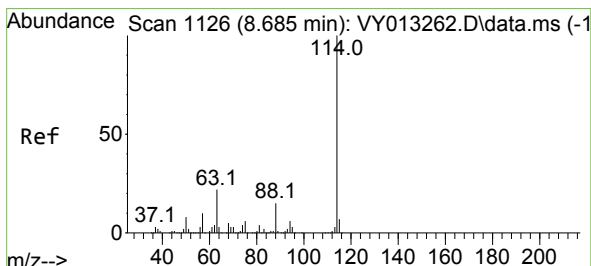
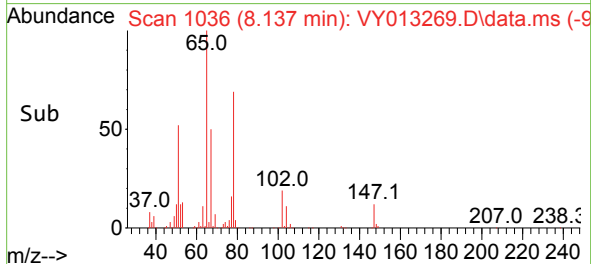
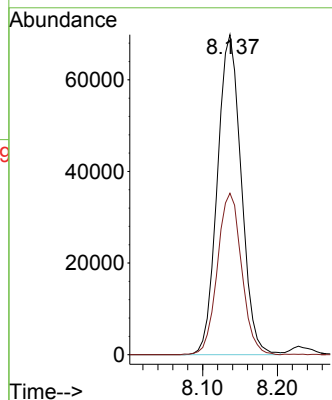
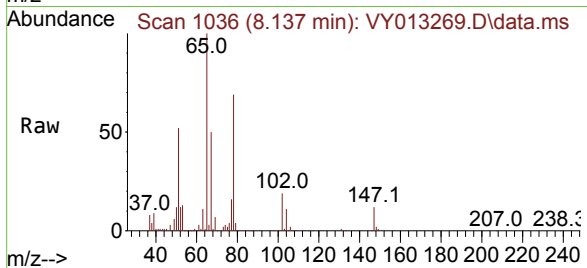
VY0412SBSD01

Tgt Ion: 65 Resp: 155259

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

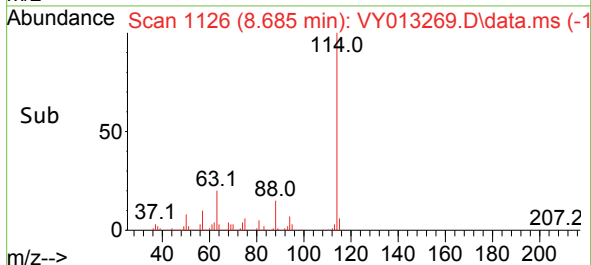
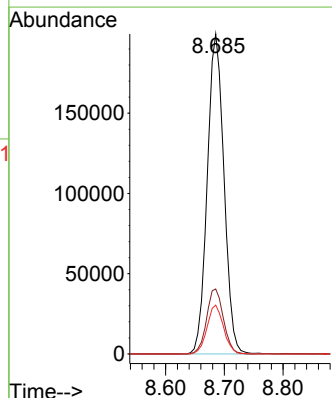
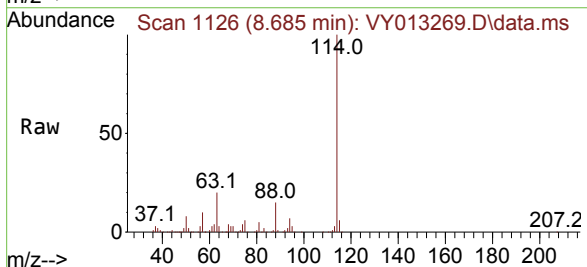
Tgt Ion: 114 Resp: 393965

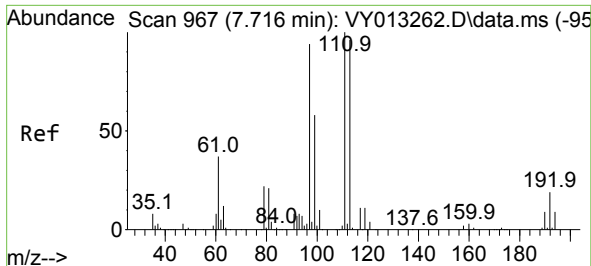
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.3 0.0 28.6

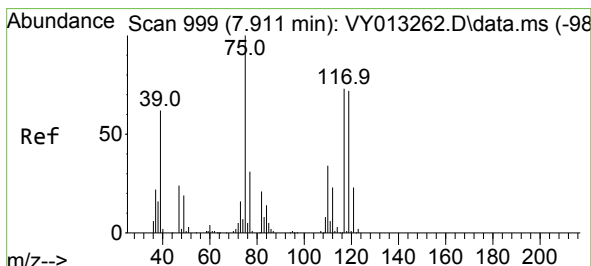
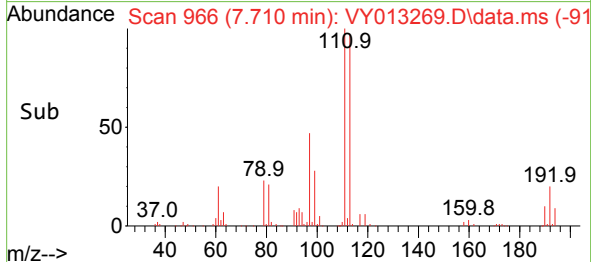
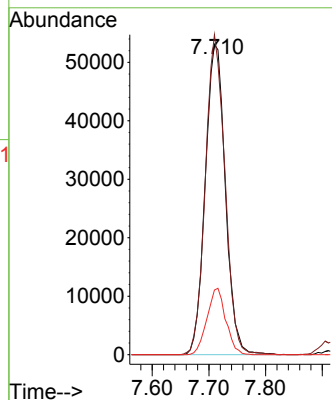
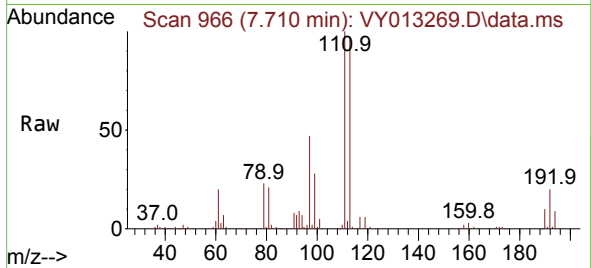




#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

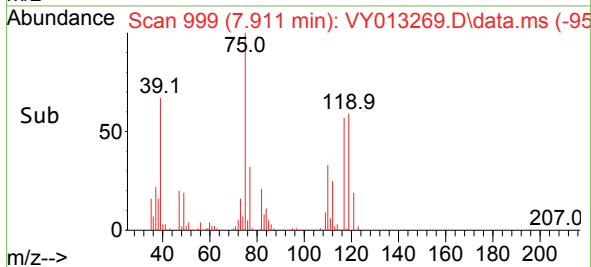
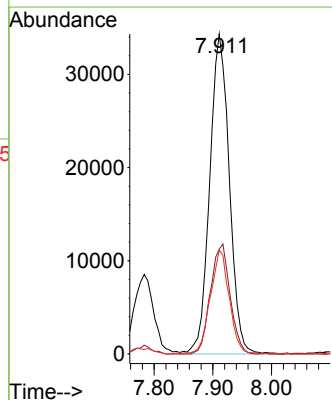
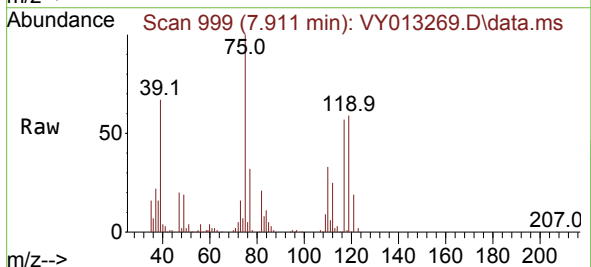
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

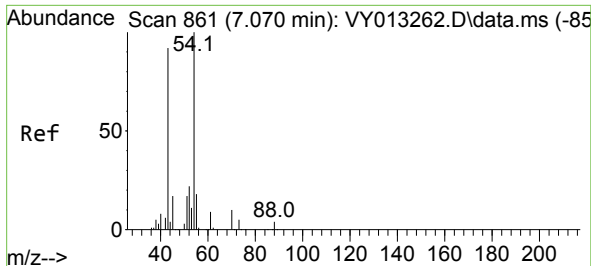
Tgt Ion:113 Resp: 130961
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.2
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.608 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 75 Resp: 79628
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 22.102 ug/l

RT: 7.064 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

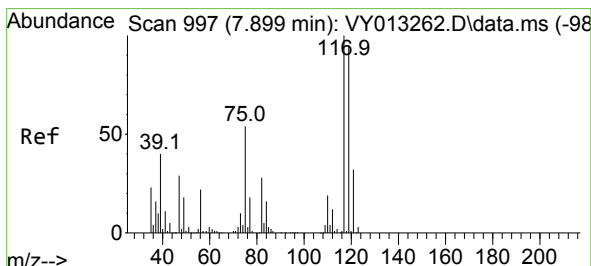
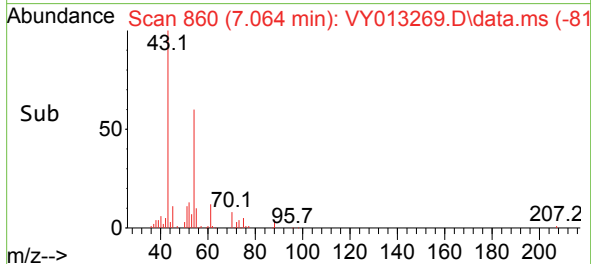
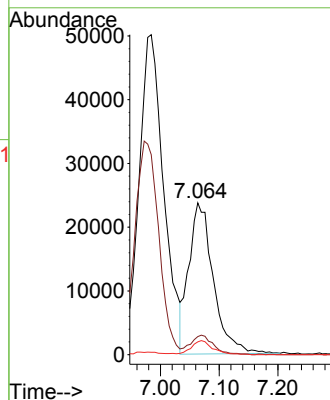
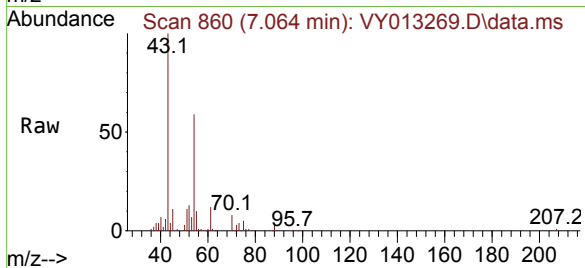
Tgt Ion: 43 Resp: 68840

Ion Ratio Lower Upper

43 100

61 12.2 10.7 16.1

70 8.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.265 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

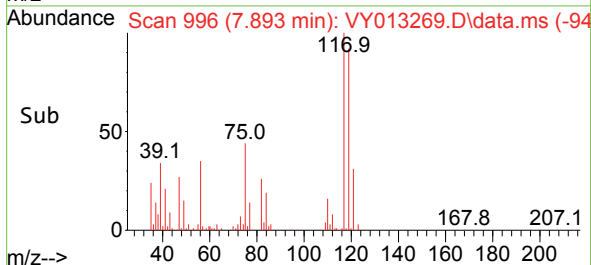
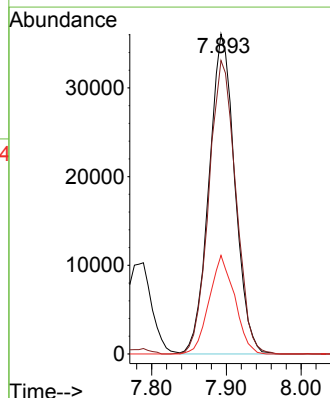
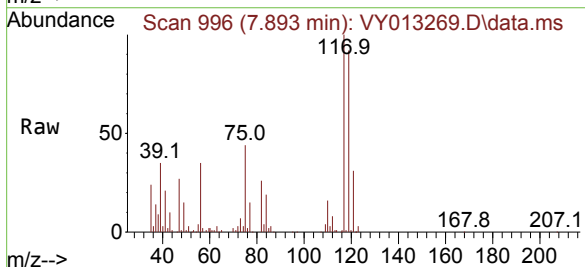
Tgt Ion: 117 Resp: 86580

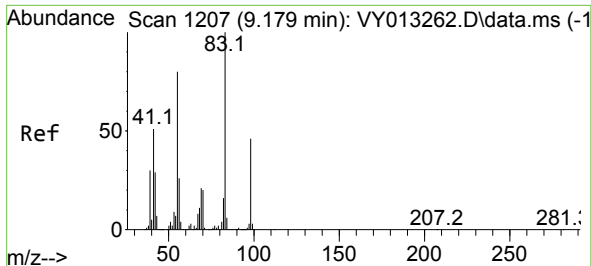
Ion Ratio Lower Upper

117 100

119 91.7 77.2 115.8

121 30.8 24.7 37.1





#39

Methylcyclohexane

Concen: 20.726 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBSD01

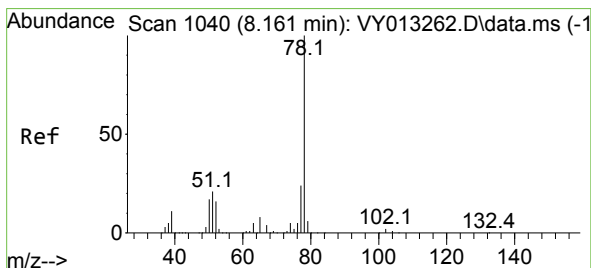
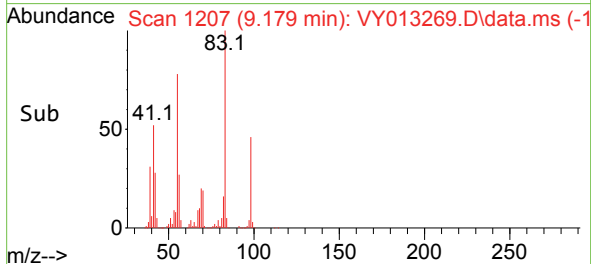
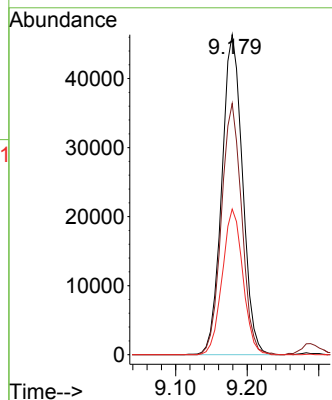
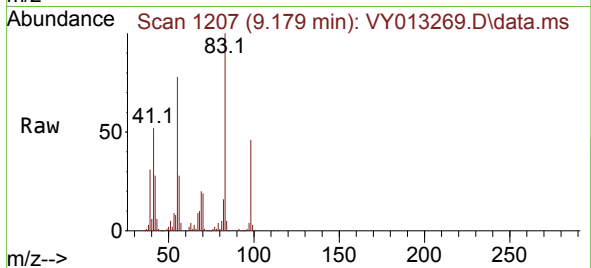
Tgt Ion: 83 Resp: 93095

Ion Ratio Lower Upper

83 100

55 78.5 60.0 90.0

98 45.5 38.3 57.5



#40

Benzene

Concen: 20.441 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013269.D

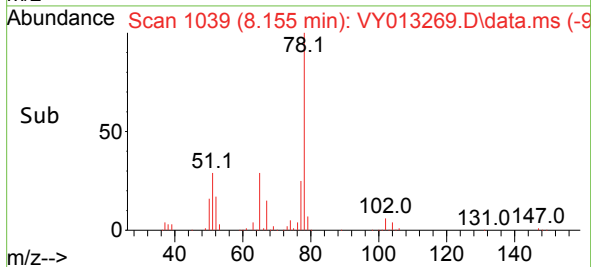
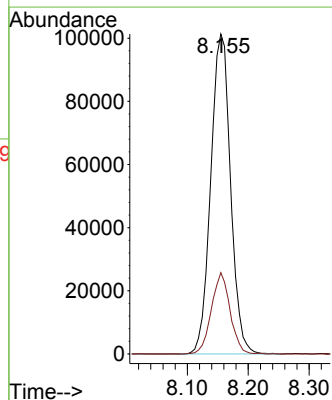
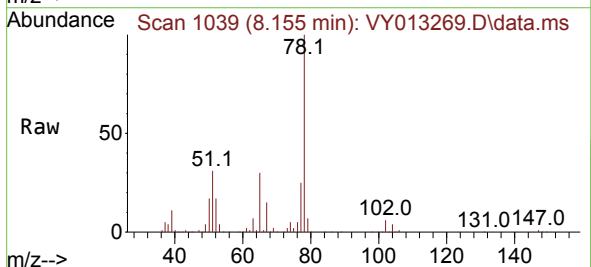
Acq: 12 Apr 2023 16:02

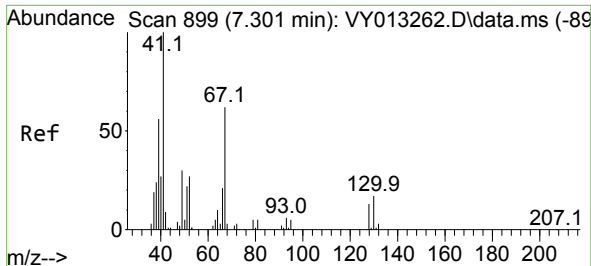
Tgt Ion: 78 Resp: 228587

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0

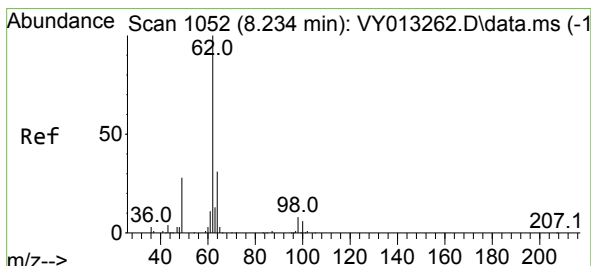
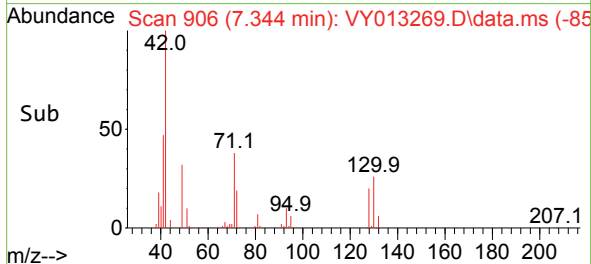
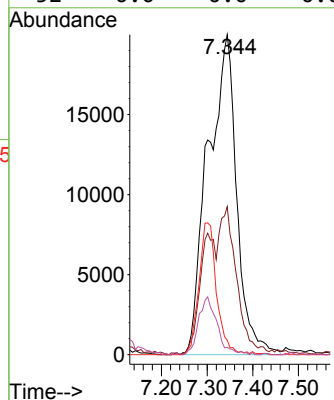
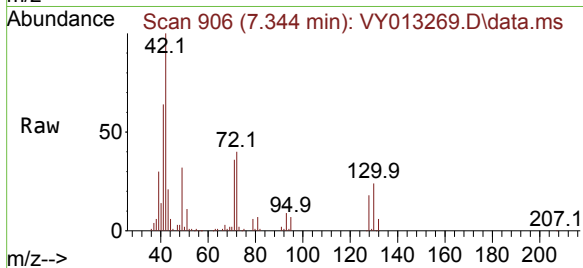




#41
Methacrylonitrile
Concen: 67.471 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

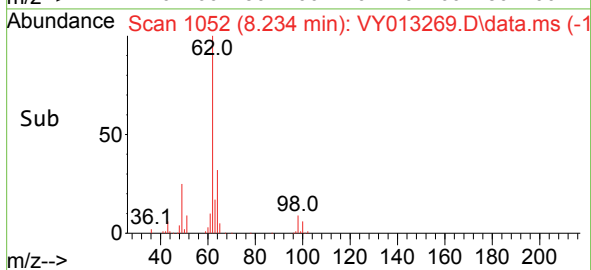
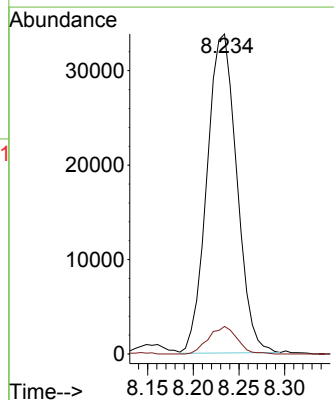
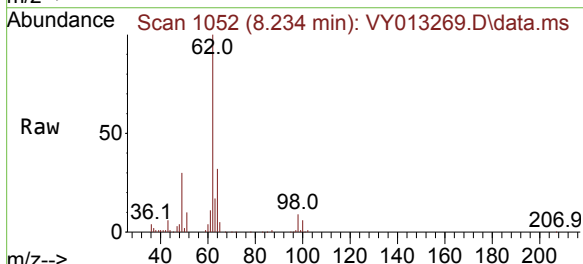
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

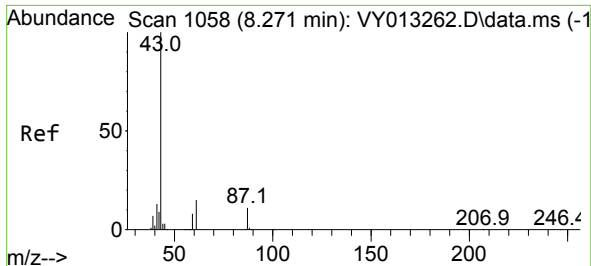
Tgt Ion:	41	Resp:	87183
Ion	Ratio	Lower	Upper
41	100		
39	27.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.232 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion:	62	Resp:	76713
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.8

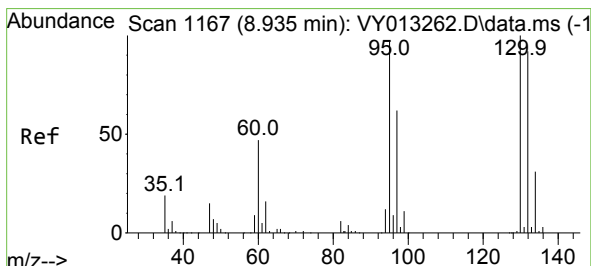
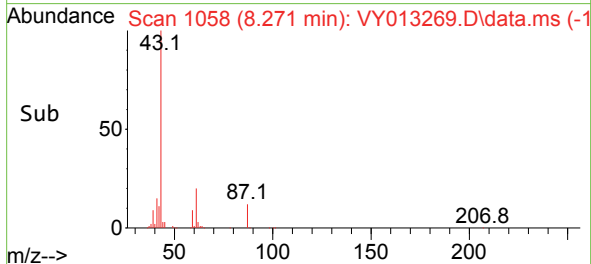
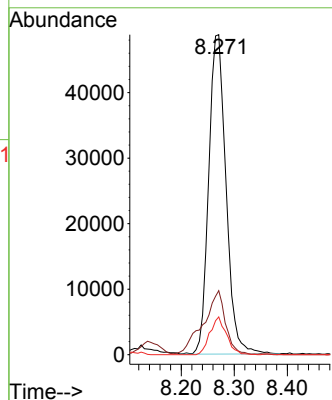
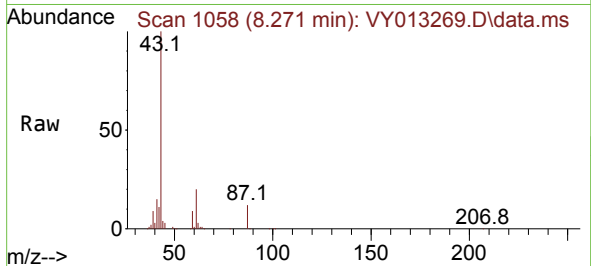




#43
Isopropyl Acetate
Concen: 21.396 ug/l
RT: 8.271 min Scan# 110688
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

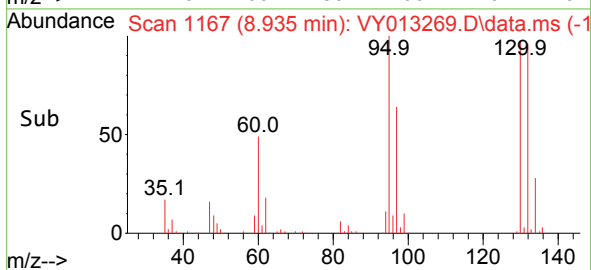
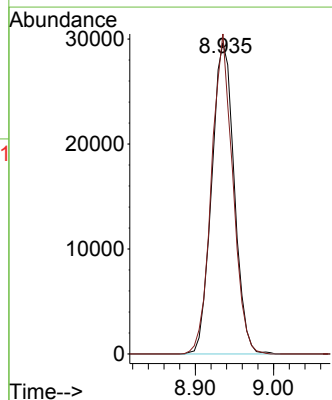
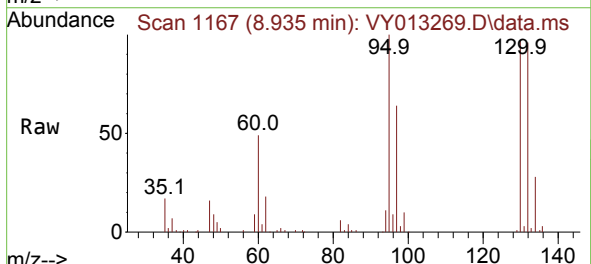
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

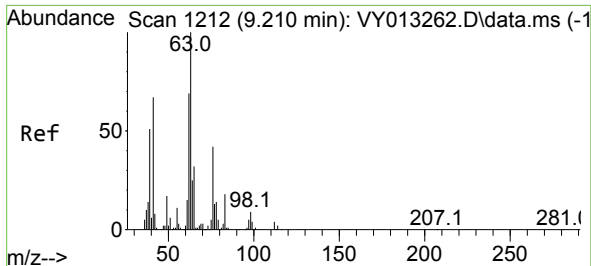
Tgt Ion: 43 Resp: 110688
Ion Ratio Lower Upper
43 100
61 25.5 21.6 32.4
87 11.3 9.9 14.9



#44
Trichloroethene
Concen: 20.515 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion:130 Resp: 59101
Ion Ratio Lower Upper
130 100
95 102.9 0.0 185.0





#45

1,2-Dichloropropane

Concen: 20.570 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

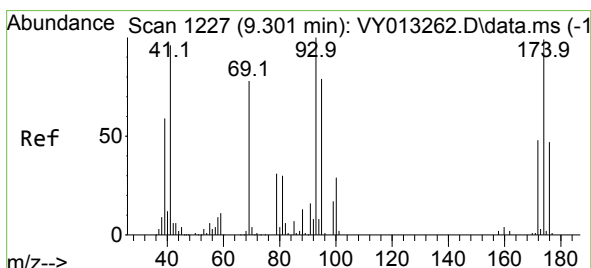
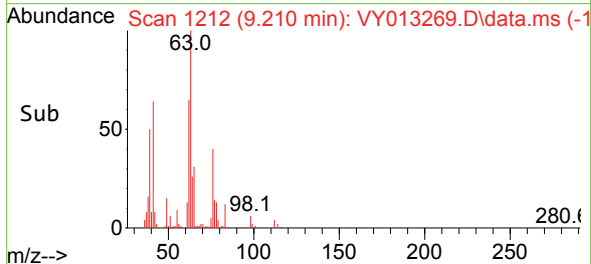
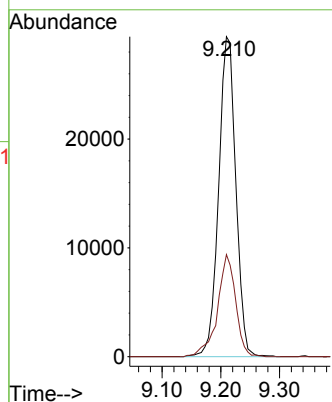
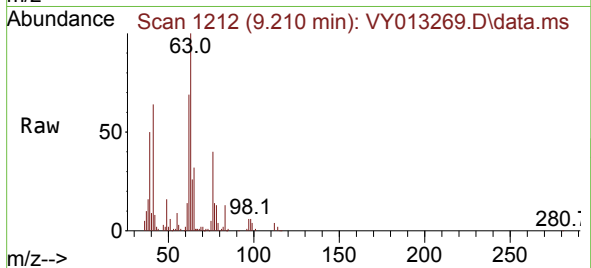
VY0412SBS01

Tgt Ion: 63 Resp: 59707

Ion Ratio Lower Upper

63 100

65 31.9 25.7 38.5



#46

Dibromomethane

Concen: 20.213 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

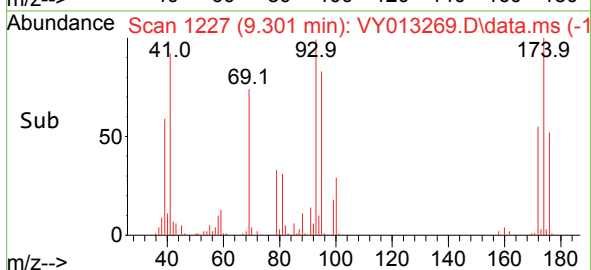
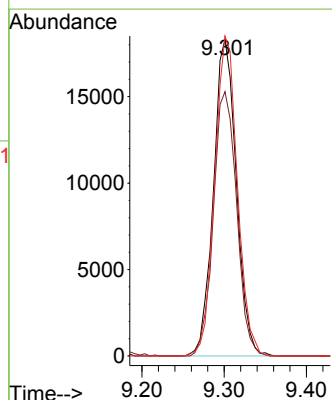
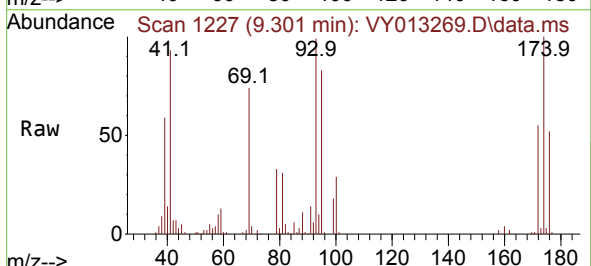
Tgt Ion: 93 Resp: 35310

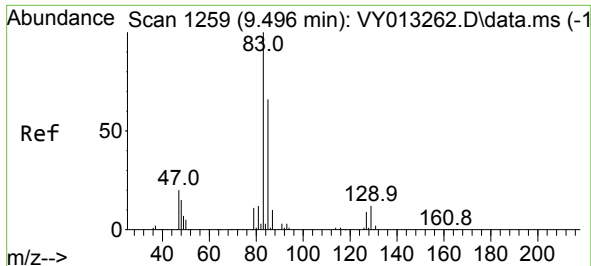
Ion Ratio Lower Upper

93 100

95 85.0 65.6 98.4

174 100.2 81.3 121.9

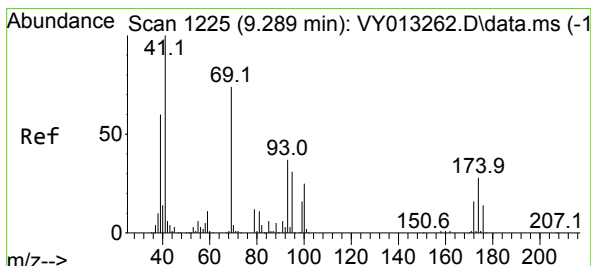
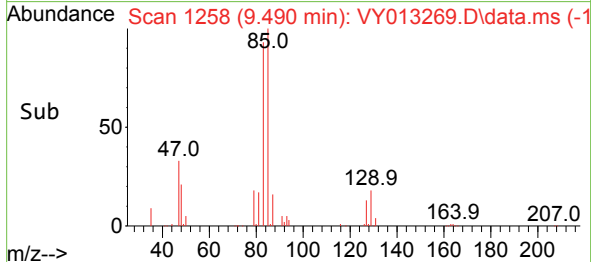
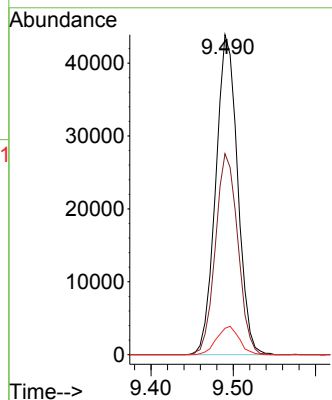
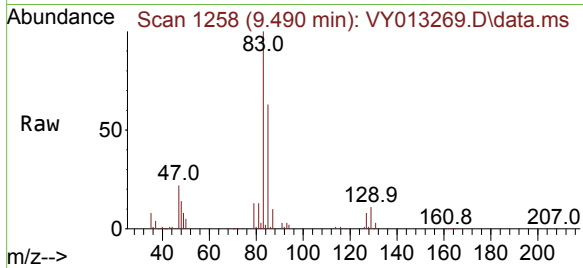




#47
 Bromodichloromethane
 Concen: 20.326 ug/l
 RT: 9.490 min Scan# 1258
 Delta R.T. -0.006 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

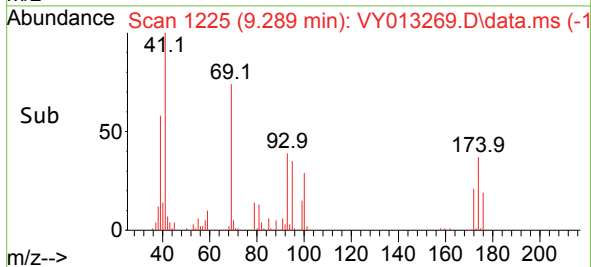
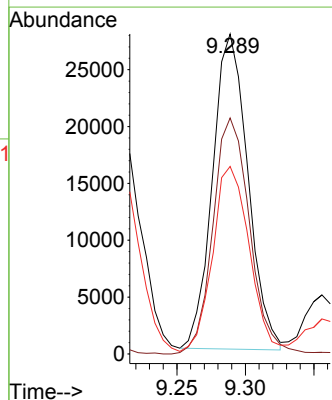
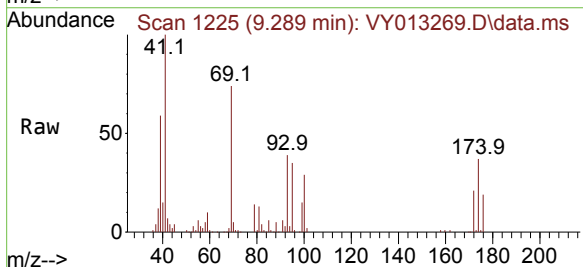
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

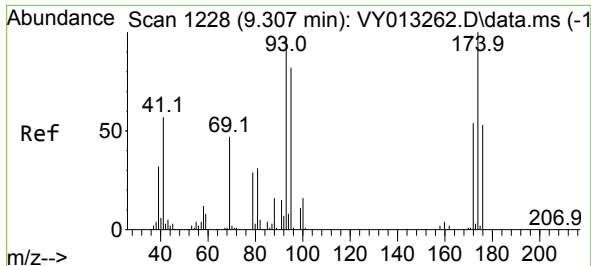
Tgt Ion: 83 Resp: 81171
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.2 75.4
 127 8.2 6.3 9.5



#48
 Methyl methacrylate
 Concen: 20.932 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

Tgt Ion: 41 Resp: 49741
 Ion Ratio Lower Upper
 41 100
 69 78.1 64.1 96.1
 39 60.8 44.0 66.0





#49

1,4-Dioxane

Concen: 445.699 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

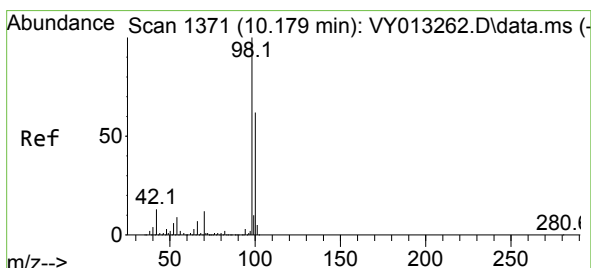
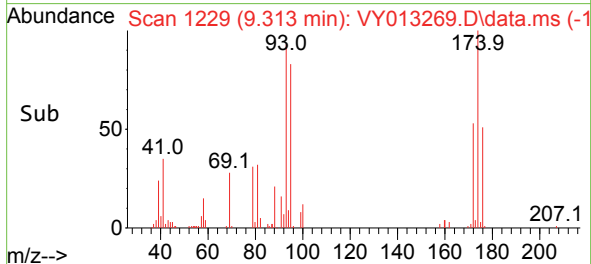
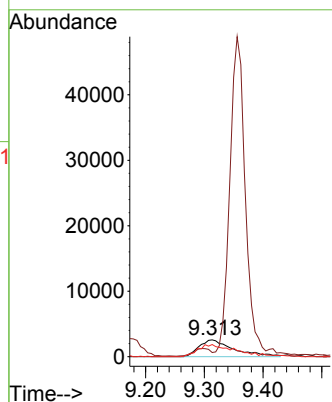
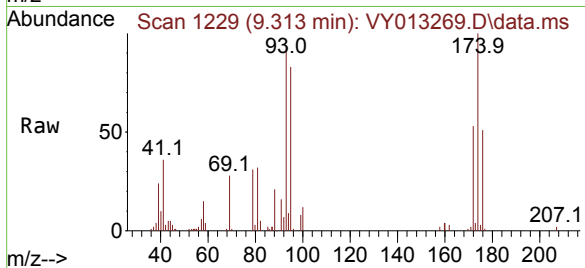
Tgt Ion: 88 Resp: 10549

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

58 81.3 55.2 82.8



#50

Toluene-d8

Concen: 51.409 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013269.D

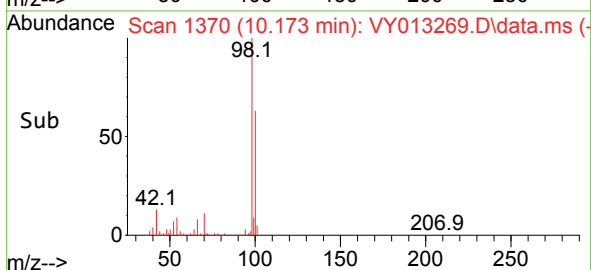
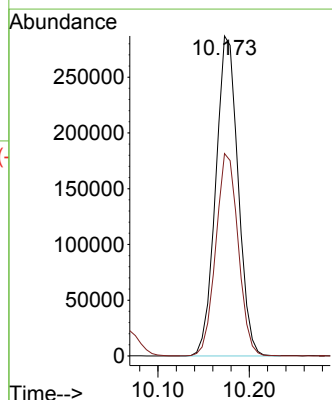
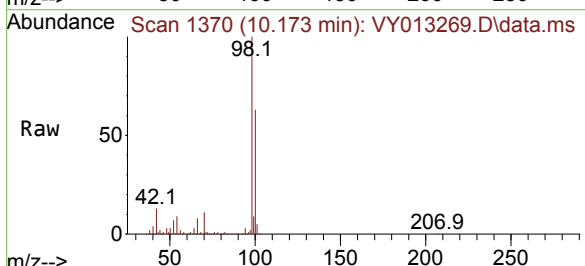
Acq: 12 Apr 2023 16:02

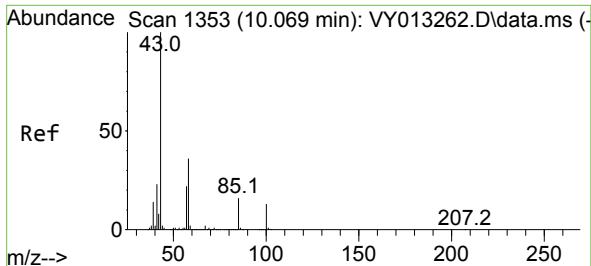
Tgt Ion: 98 Resp: 488050

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3

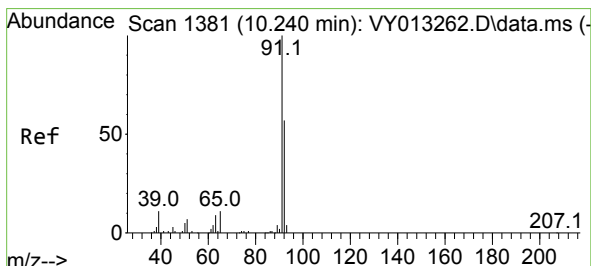
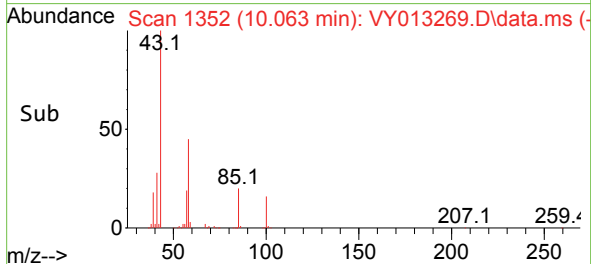
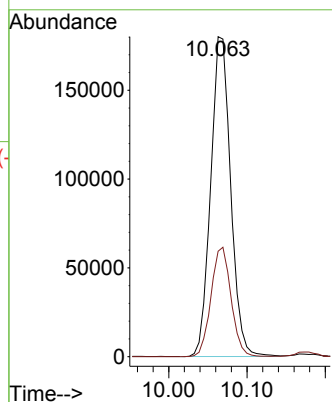
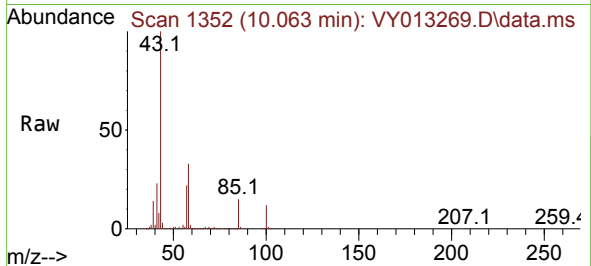




#51
4-Methyl-2-Pentanone
Concen: 113.464 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

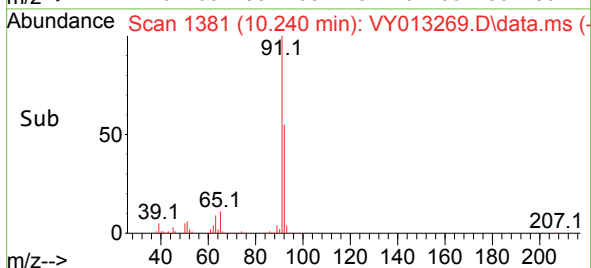
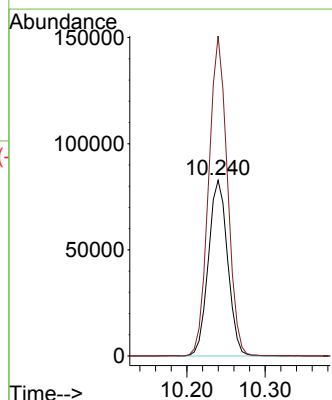
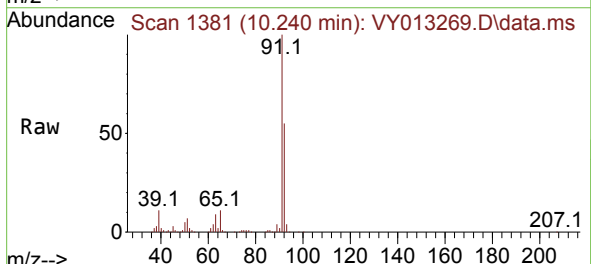
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

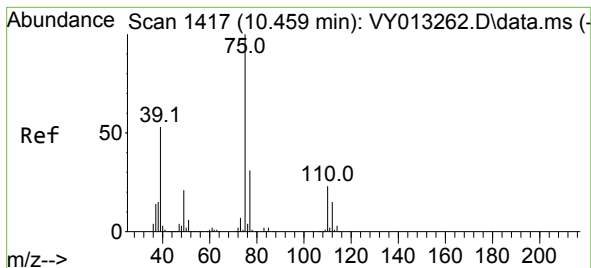
Tgt Ion: 43 Resp: 319453
Ion Ratio Lower Upper
43 100
58 34.4 29.8 44.6



#52
Toluene
Concen: 20.885 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 92 Resp: 141030
Ion Ratio Lower Upper
92 100
91 177.1 141.3 211.9

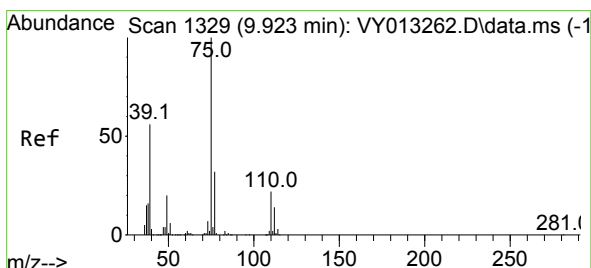
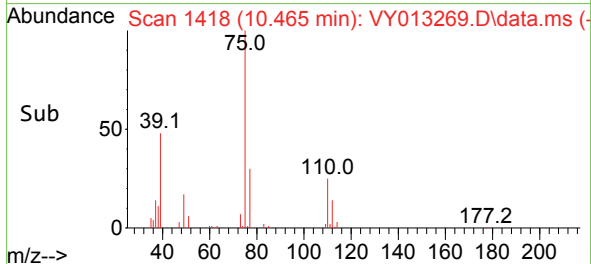
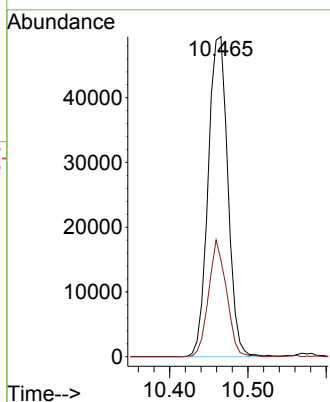
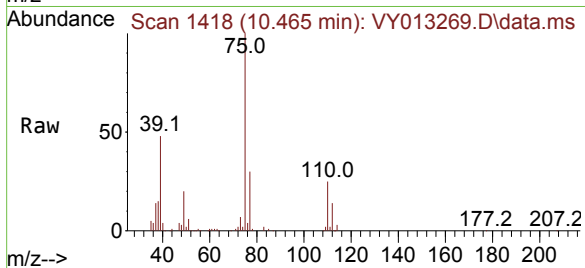




#53
 t-1,3-Dichloropropene
 Concen: 20.664 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

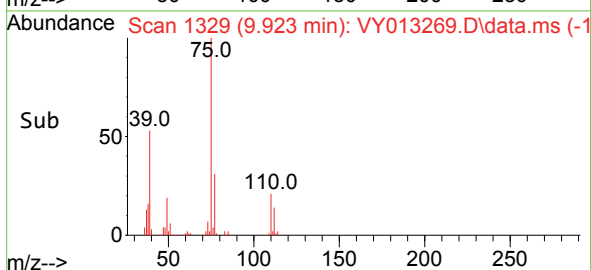
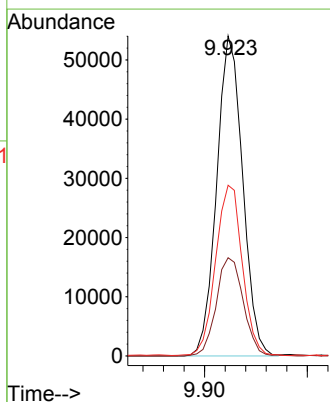
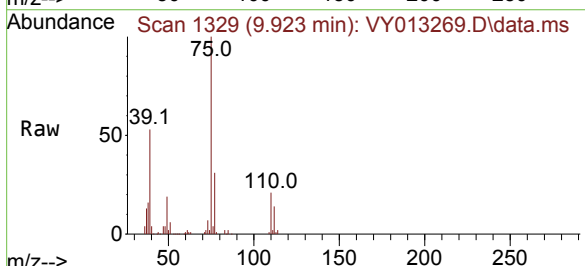
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

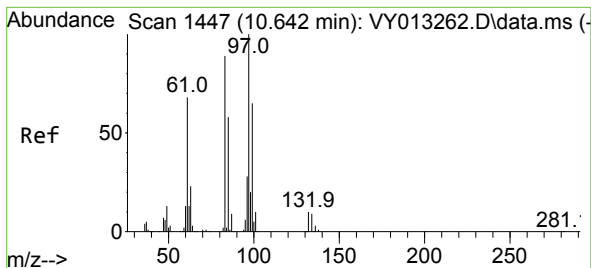
Tgt Ion: 75 Resp: 86422
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.676 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY013269.D
 Acq: 12 Apr 2023 16:02

Tgt Ion: 75 Resp: 94817
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0
 39 53.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.070 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

Tgt Ion: 97 Resp: 48531

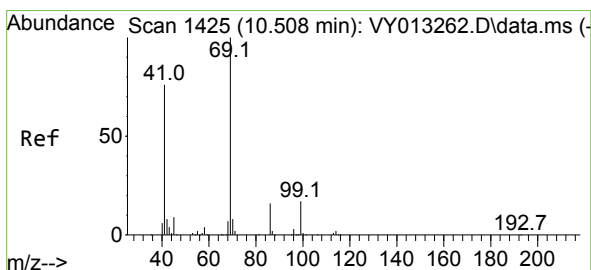
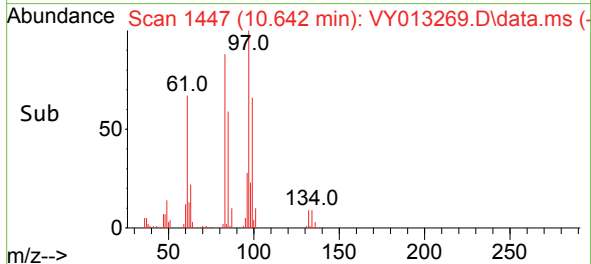
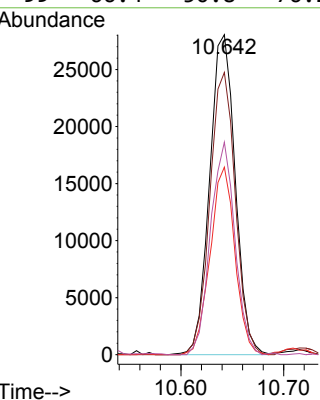
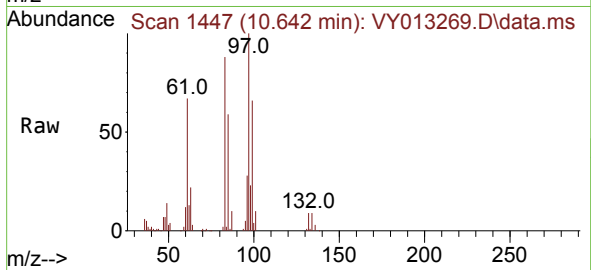
Ion Ratio Lower Upper

97 100

83 88.2 69.0 103.6

85 58.6 44.9 67.3

99 66.4 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.559 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

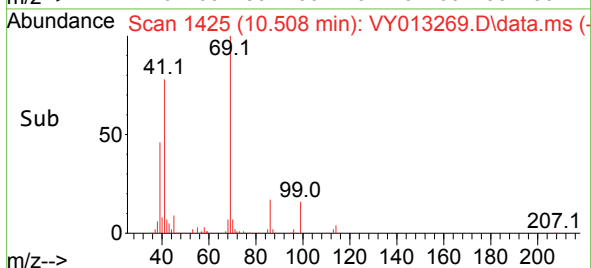
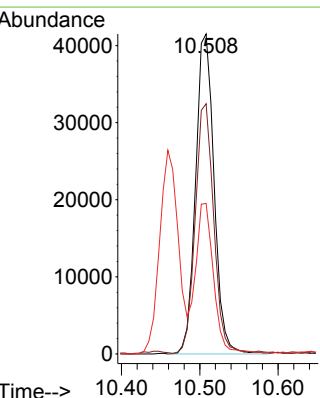
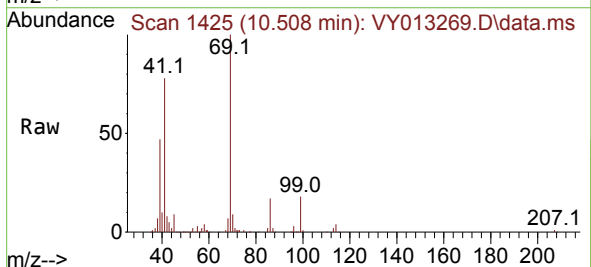
Tgt Ion: 69 Resp: 67994

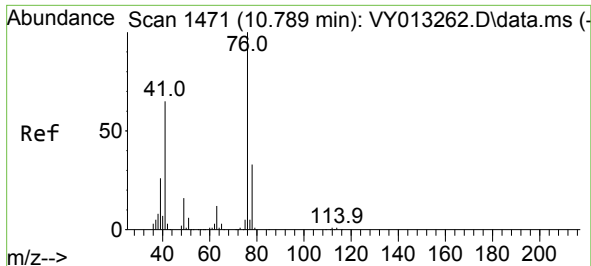
Ion Ratio Lower Upper

69 100

41 77.9 56.4 84.6

39 45.0 30.8 46.2





#57

1,3-Dichloropropane

Concen: 20.875 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

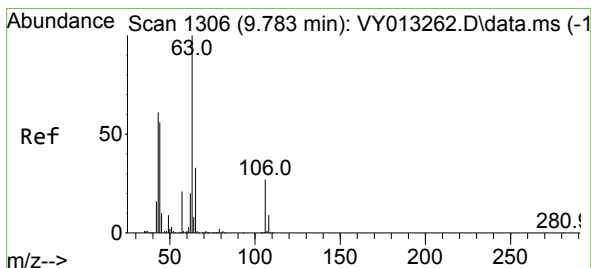
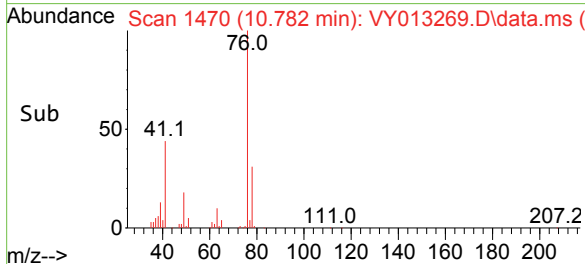
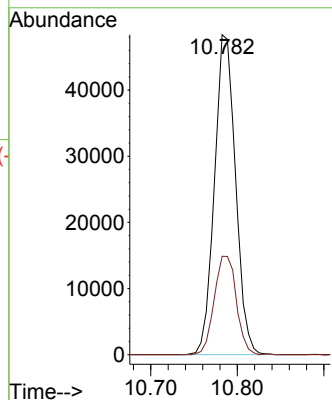
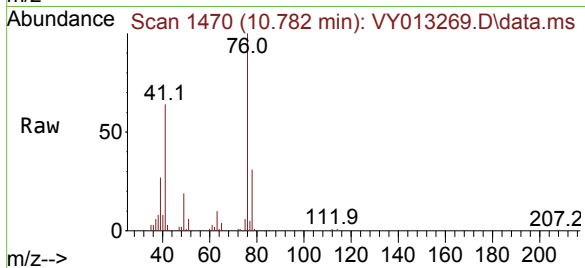
VY0412SBSD01

Tgt Ion: 76 Resp: 81780

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 112.941 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013269.D

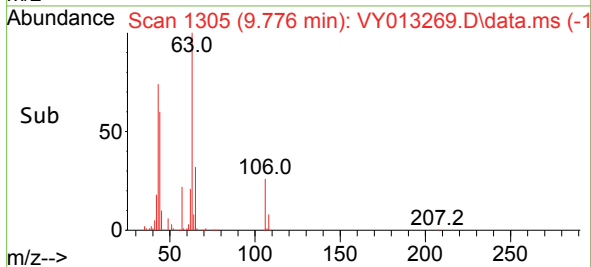
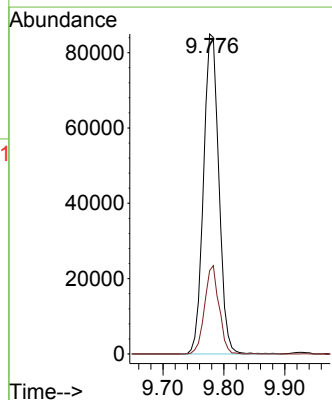
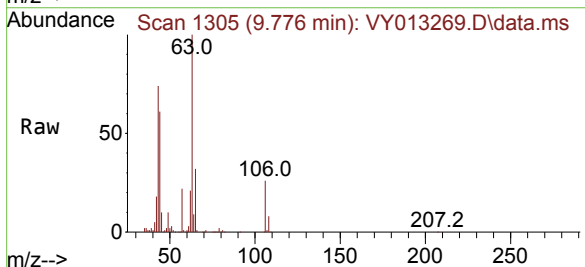
Acq: 12 Apr 2023 16:02

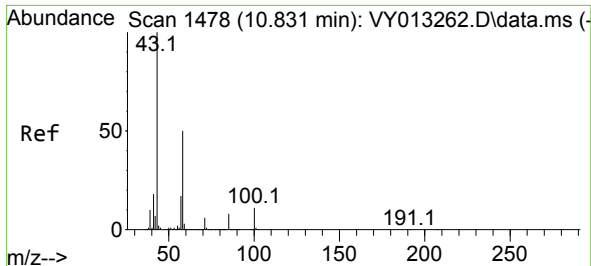
Tgt Ion: 63 Resp: 148728

Ion Ratio Lower Upper

63 100

106 25.9 22.1 33.1

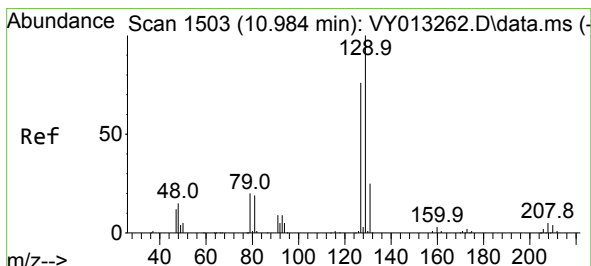
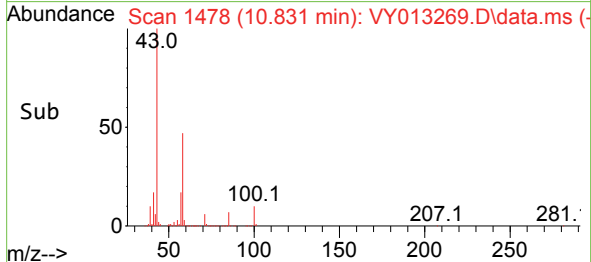
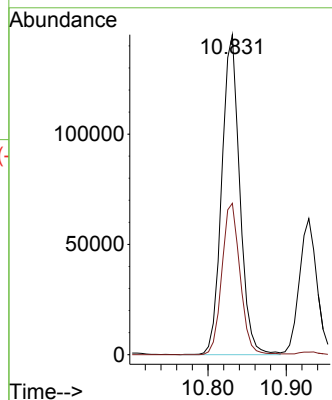
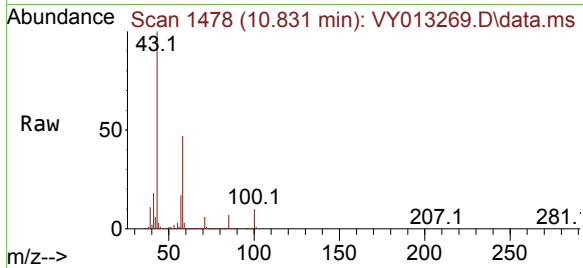




#59
2-Hexanone
Concen: 113.246 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

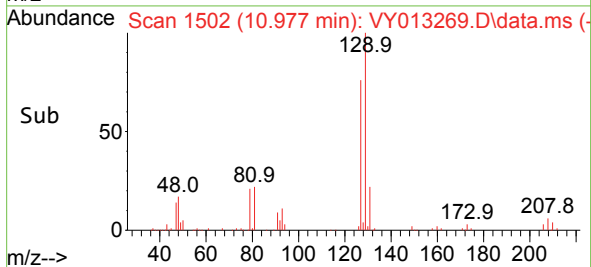
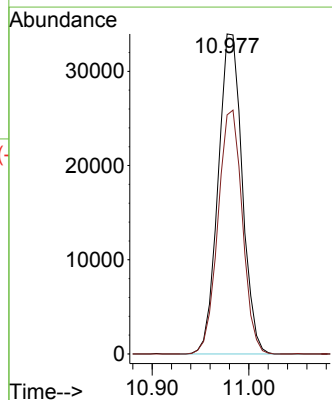
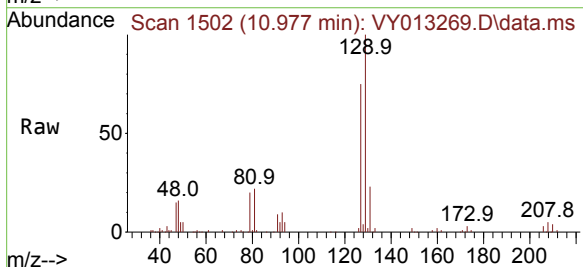
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

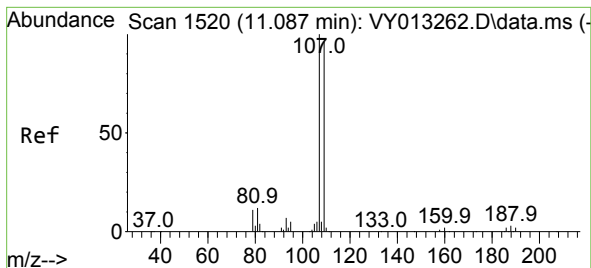
Tgt Ion: 43 Resp: 231833
Ion Ratio Lower Upper
43 100
58 47.9 25.9 77.8



#60
Dibromochloromethane
Concen: 20.277 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 129 Resp: 58564
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

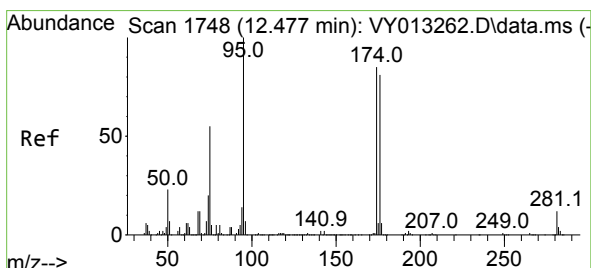
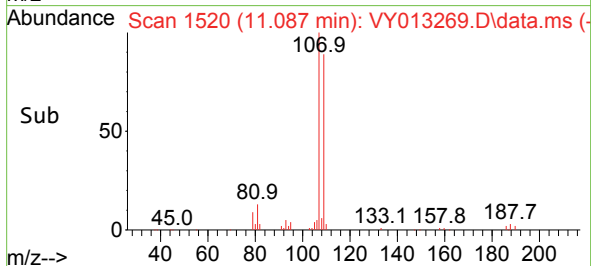
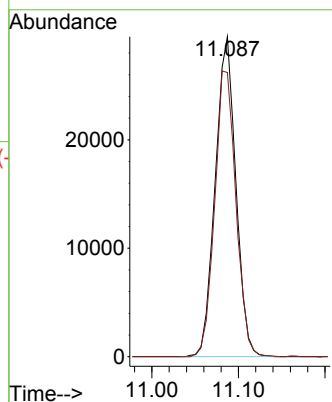
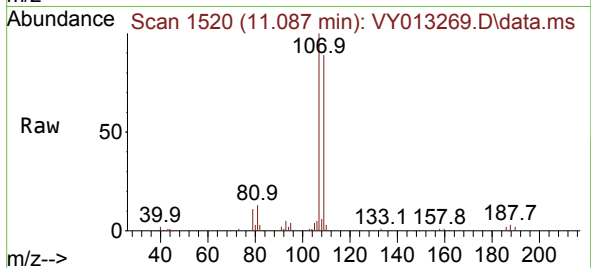




#61
1,2-Dibromoethane
Concen: 21.708 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

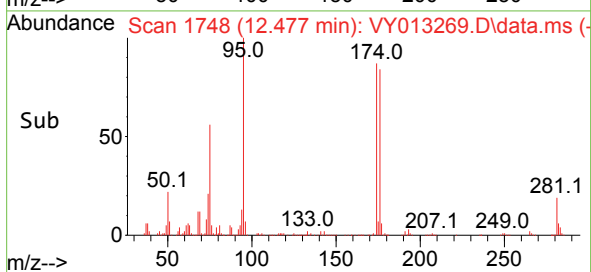
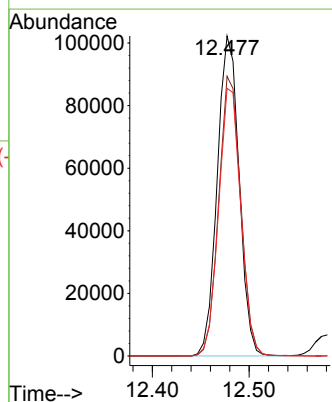
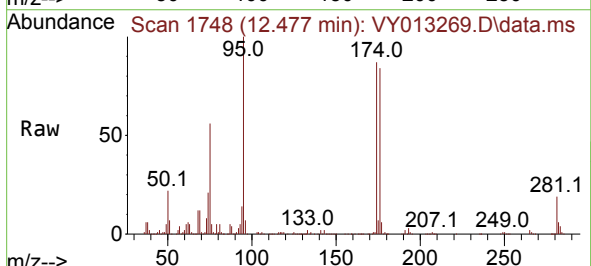
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

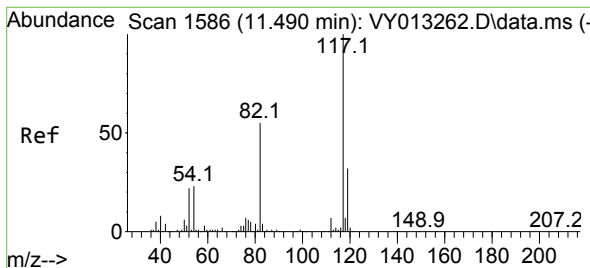
Tgt Ion:107 Resp: 48689
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.943 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 95 Resp: 160221
Ion Ratio Lower Upper
95 100
174 87.8 0.0 176.6
176 85.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBSD01

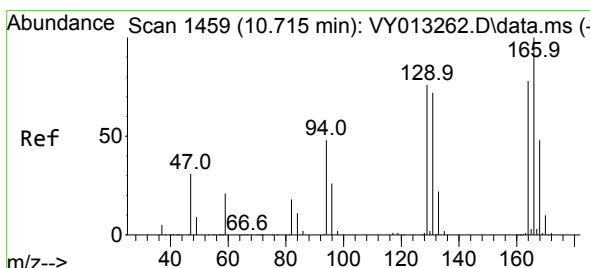
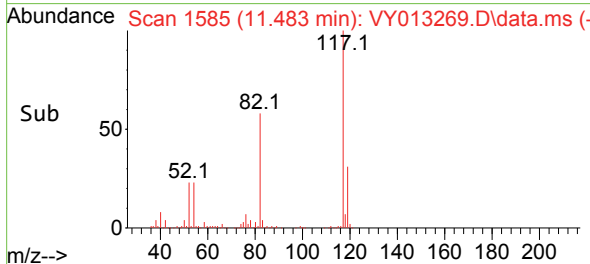
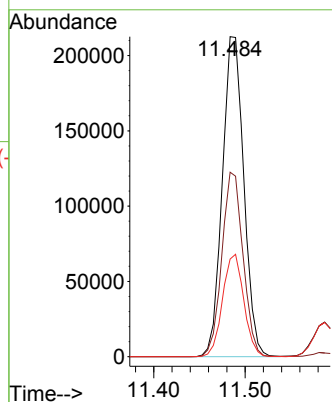
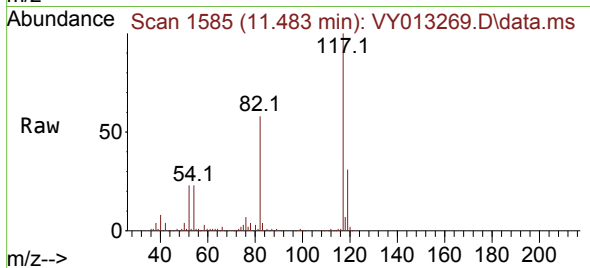
Tgt Ion:117 Resp: 347434

Ion Ratio Lower Upper

117 100

82 57.6 45.4 68.0

119 30.5 25.6 38.4



#64

Tetrachloroethene

Concen: 21.252 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Tgt Ion:164 Resp: 52091

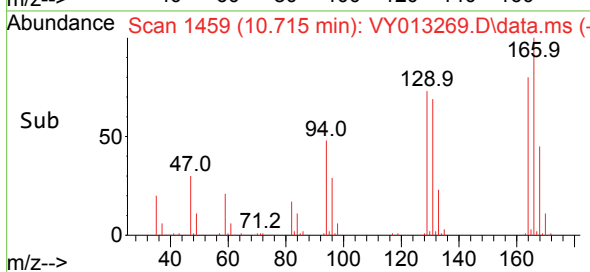
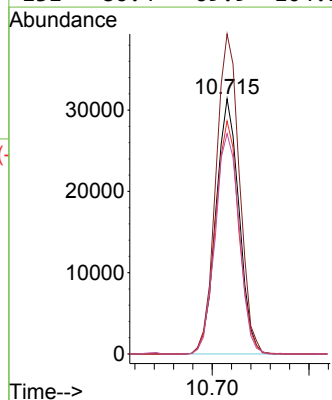
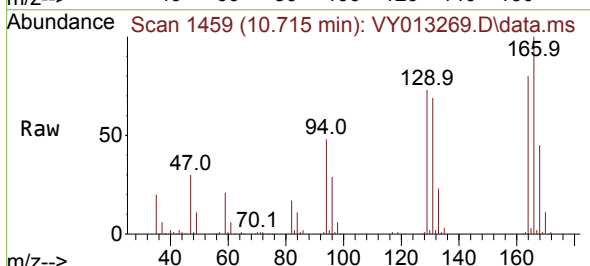
Ion Ratio Lower Upper

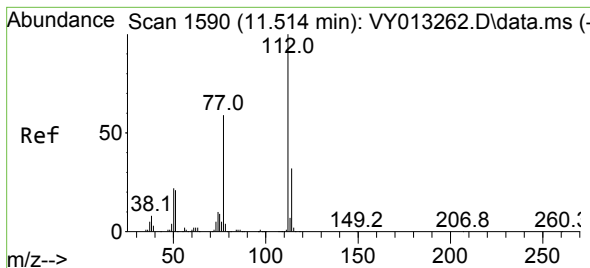
164 100

166 125.4 103.4 155.2

129 91.3 71.4 107.2

131 86.4 69.9 104.9

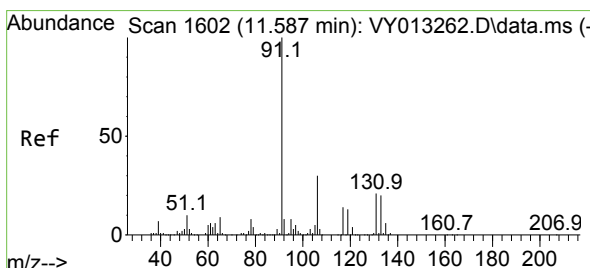
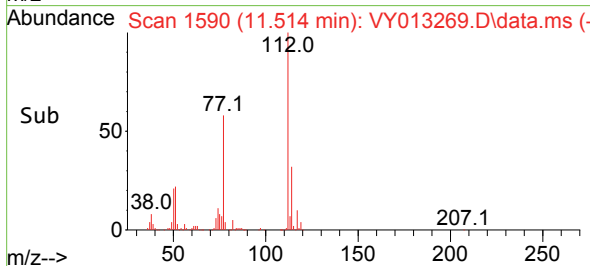
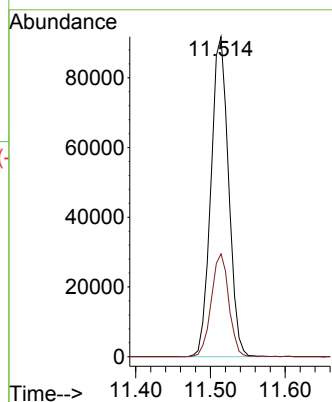
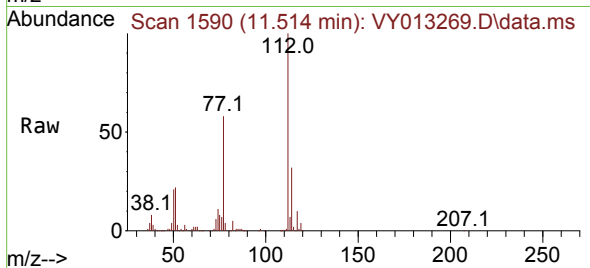




#65
Chlorobenzene
Concen: 20.728 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

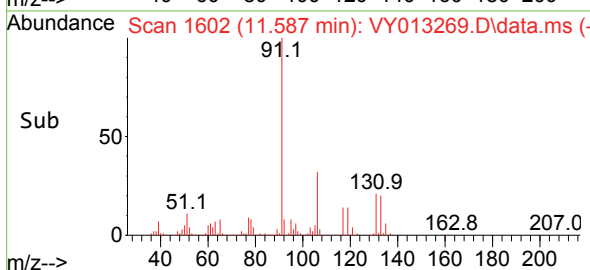
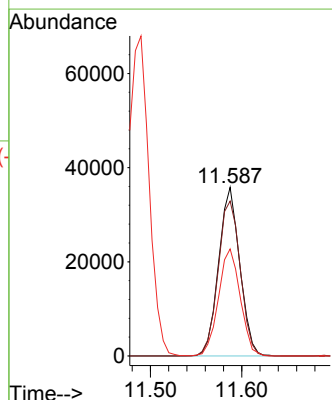
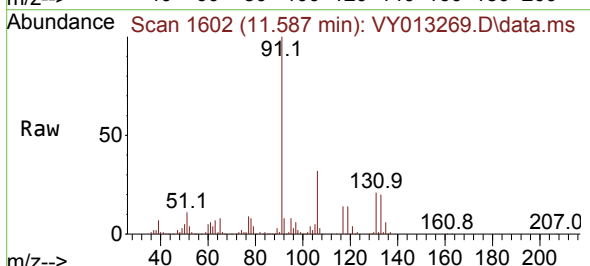
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

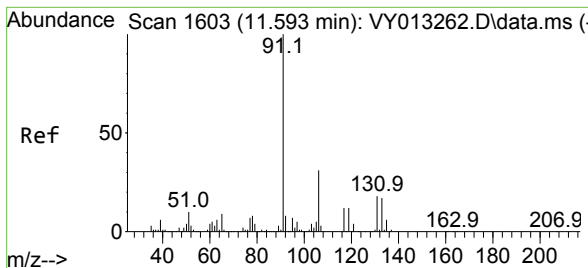
Tgt Ion:112 Resp: 150649
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.114 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion:131 Resp: 57588
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.0
119 65.4 32.6 98.0

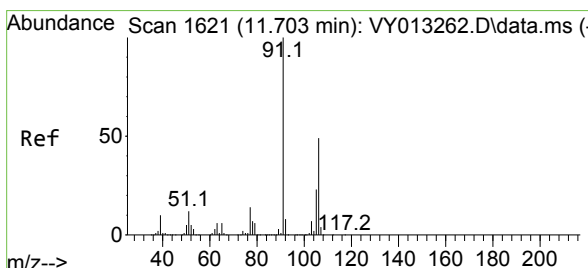
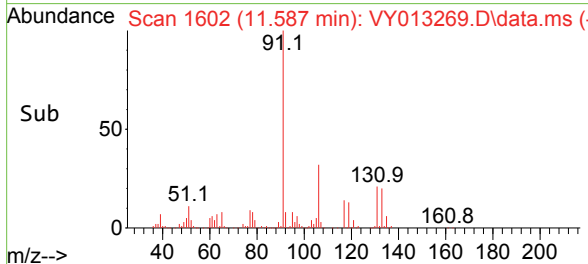
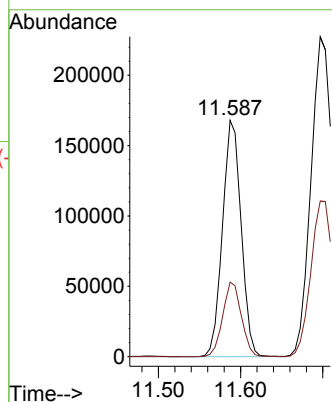
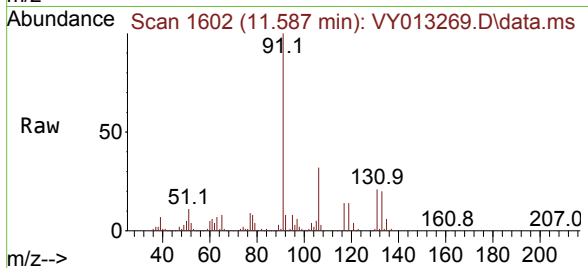




#67
Ethyl Benzene
Concen: 20.923 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

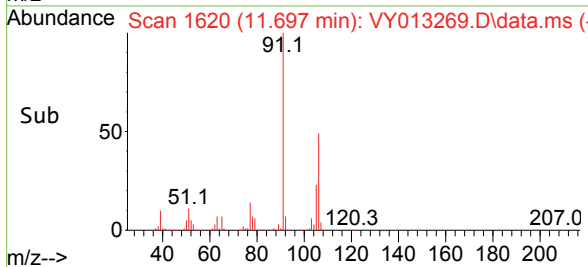
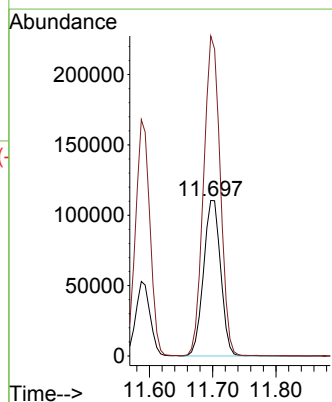
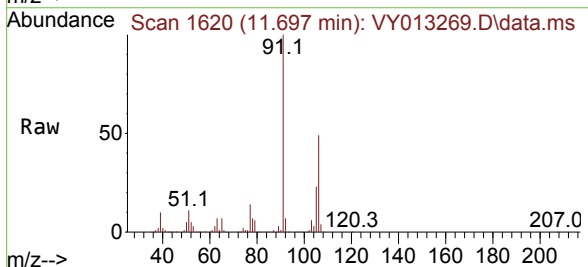
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

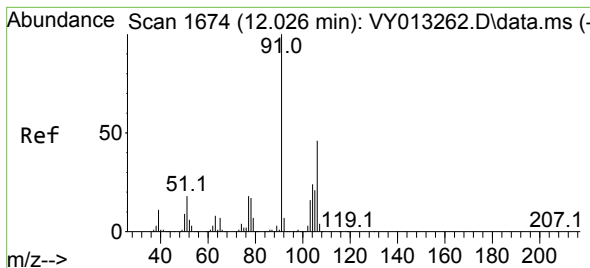
Tgt Ion: 91 Resp: 264851
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 43.079 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion:106 Resp: 208643
Ion Ratio Lower Upper
106 100
91 199.9 159.8 239.8





#69

o-Xylene

Concen: 21.452 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

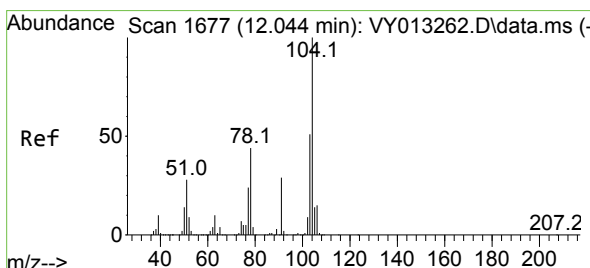
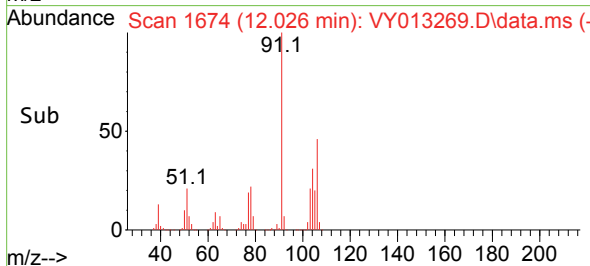
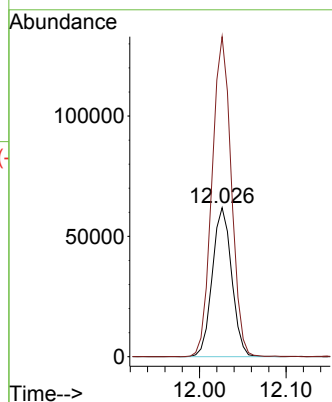
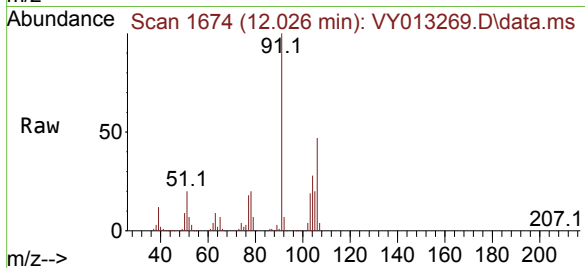
VY0412SBS01

Tgt Ion:106 Resp: 96223

Ion Ratio Lower Upper

106 100

91 214.3 107.2 321.6



#70

Styrene

Concen: 21.888 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

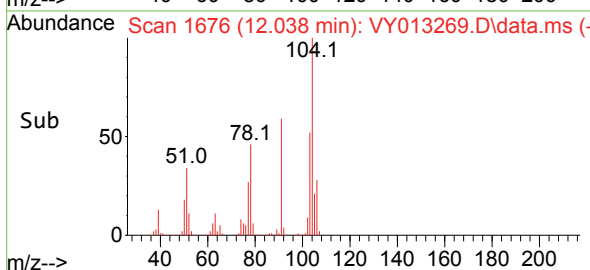
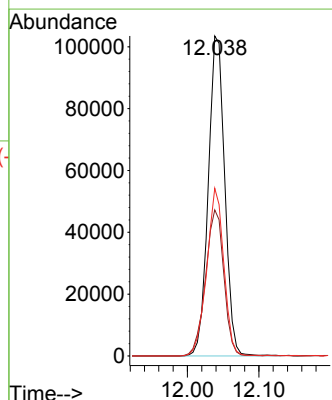
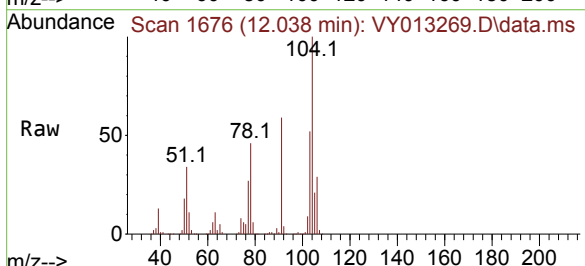
Tgt Ion:104 Resp: 165821

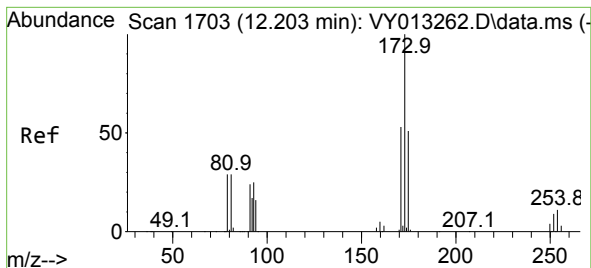
Ion Ratio Lower Upper

104 100

78 50.6 39.2 58.8

103 54.4 43.7 65.5





#71

Bromoform

Concen: 21.241 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBSD01

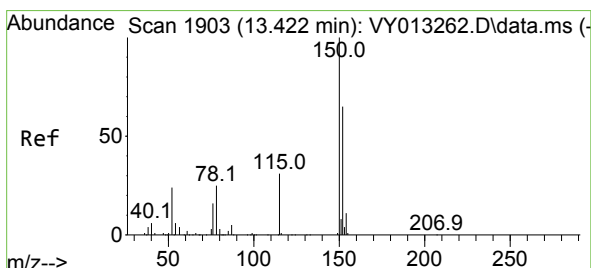
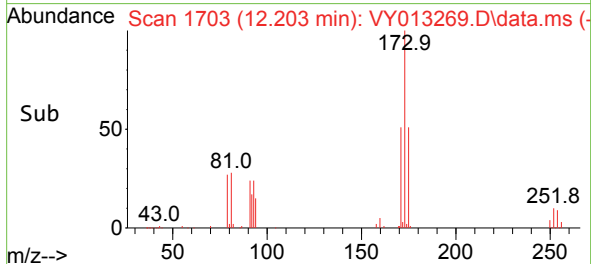
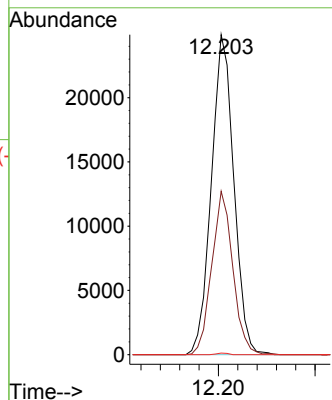
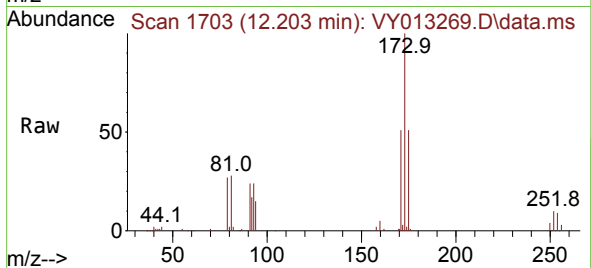
Tgt Ion:173 Resp: 40135

Ion Ratio Lower Upper

173 100

175 48.0 25.0 75.0

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

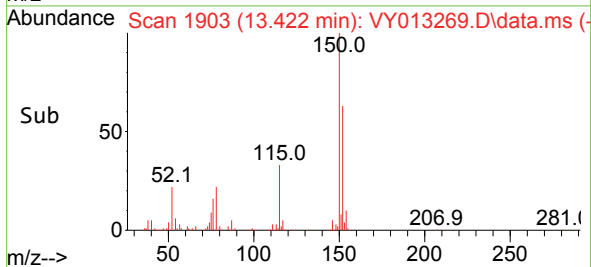
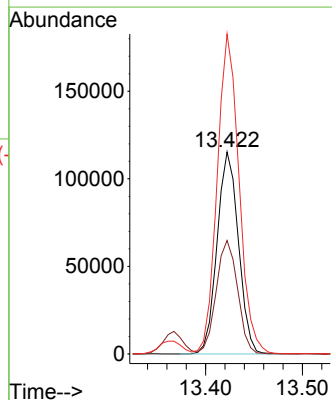
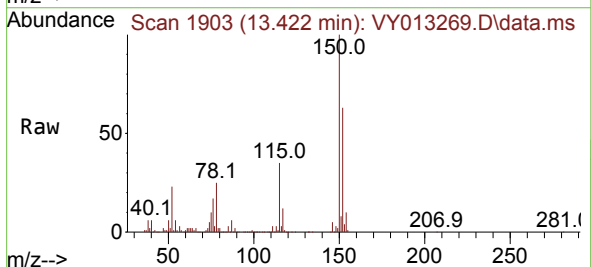
Tgt Ion:152 Resp: 176539

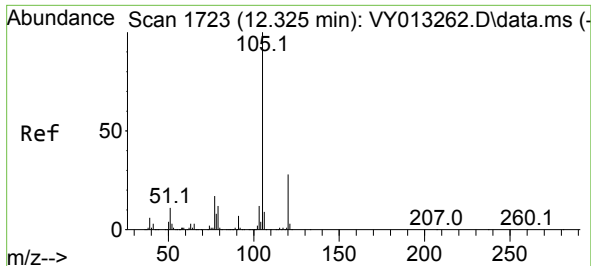
Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 162.3 0.0 347.8

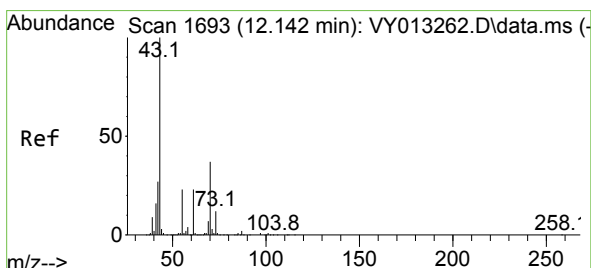
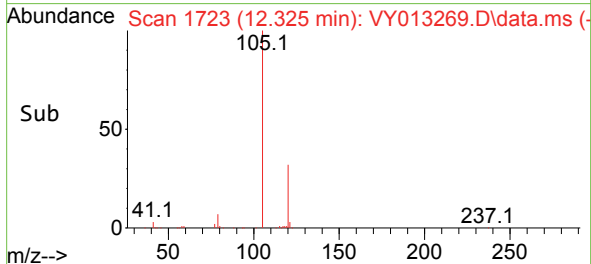
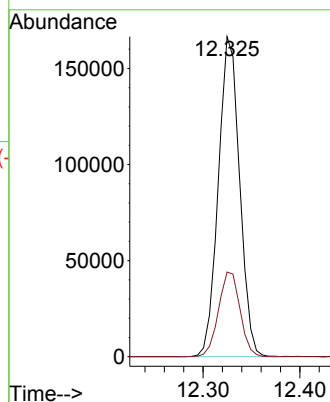
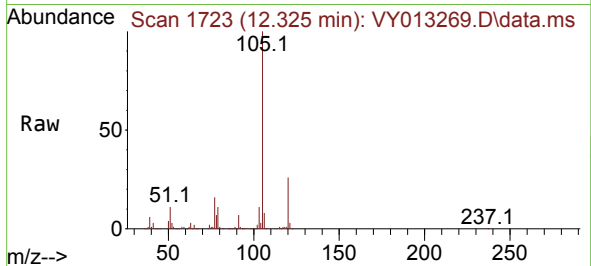




#73
Isopropylbenzene
Concen: 20.959 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

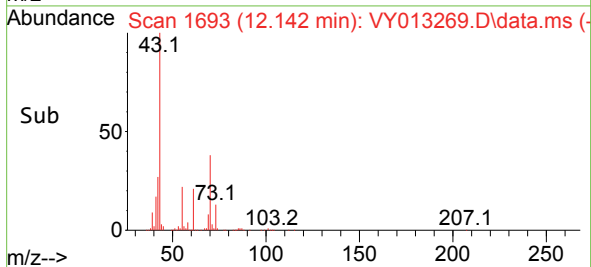
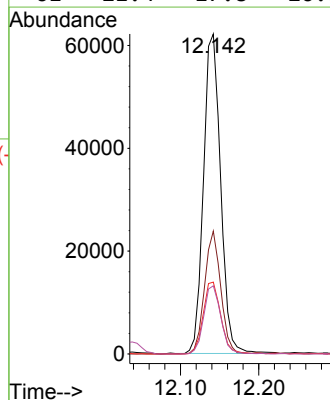
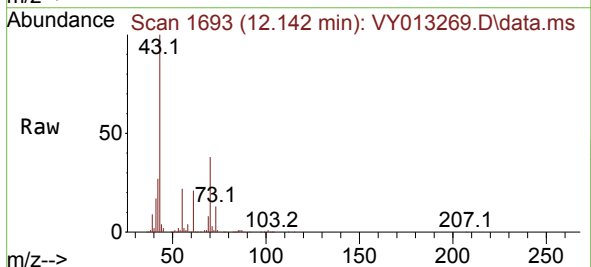
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

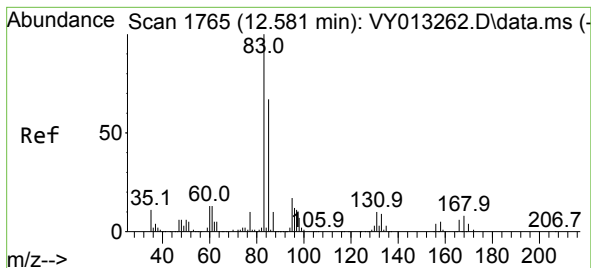
Tgt Ion:105 Resp: 253797
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 21.833 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 43 Resp: 94323
Ion Ratio Lower Upper
43 100
70 36.3 31.6 47.4
55 23.2 18.8 28.2
61 21.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.192 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

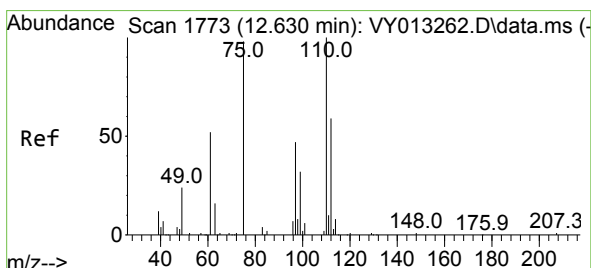
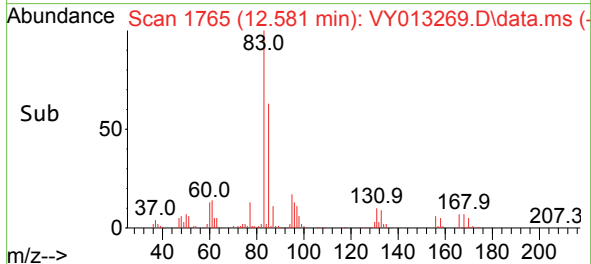
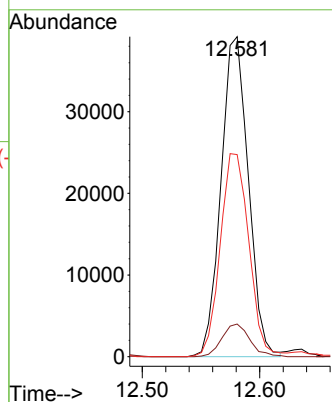
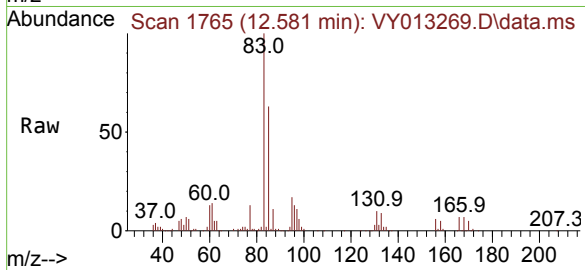
Tgt Ion: 83 Resp: 63394

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 66.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 37.326 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013269.D

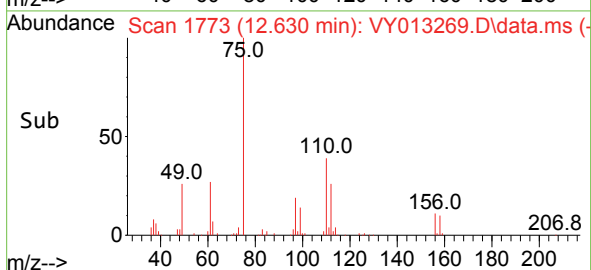
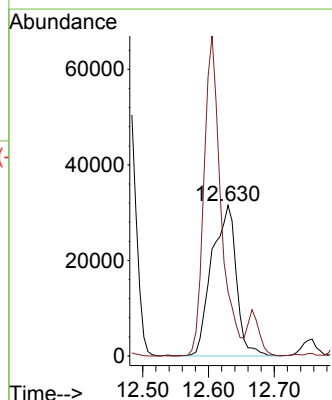
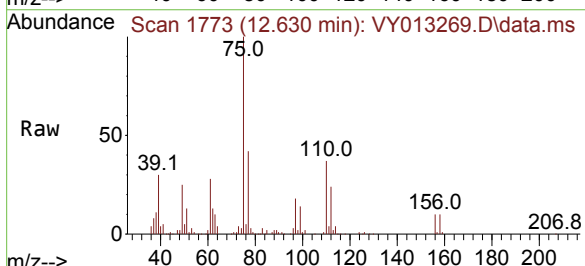
Acq: 12 Apr 2023 16:02

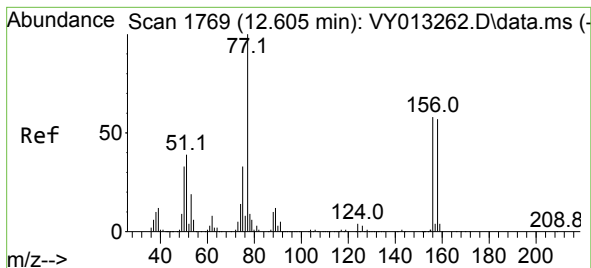
Tgt Ion: 75 Resp: 82110

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.518 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

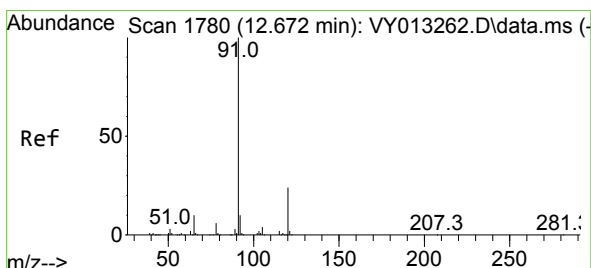
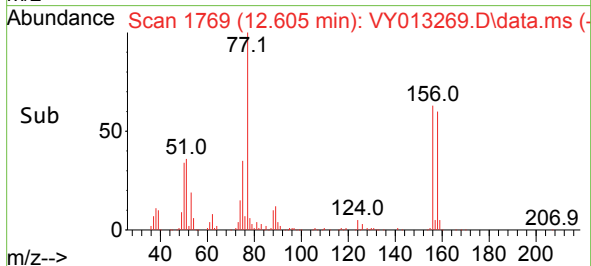
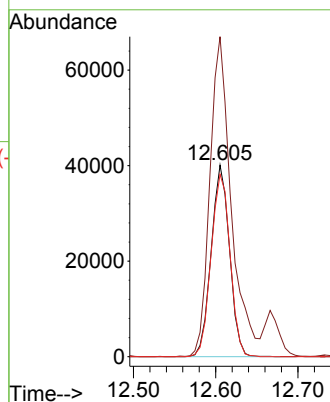
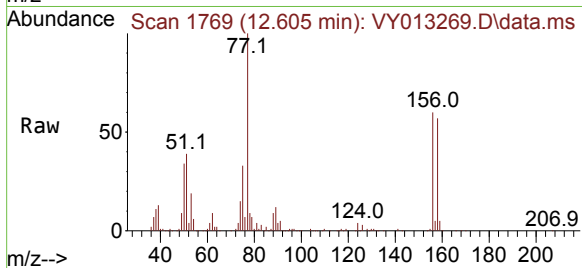
Tgt Ion:156 Resp: 62132

Ion Ratio Lower Upper

156 100

77 195.3 94.0 282.1

158 98.3 48.1 144.4



#78

n-propylbenzene

Concen: 21.149 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013269.D

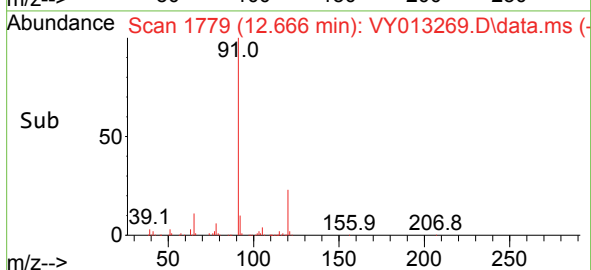
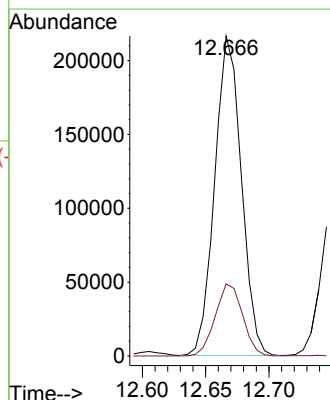
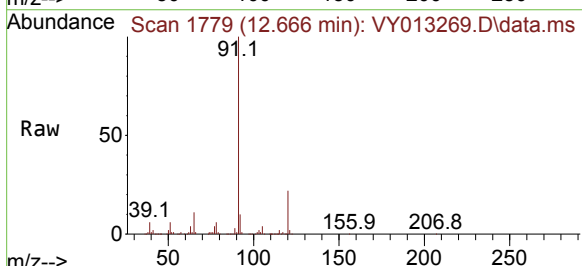
Acq: 12 Apr 2023 16:02

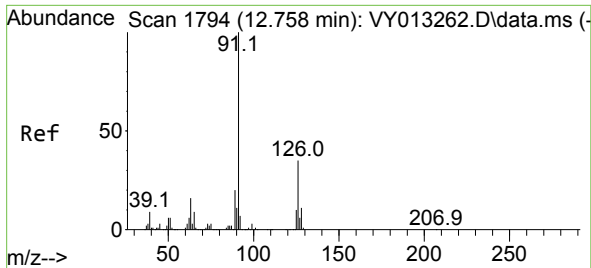
Tgt Ion: 91 Resp: 316289

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

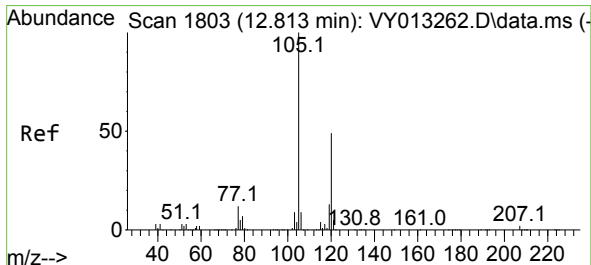
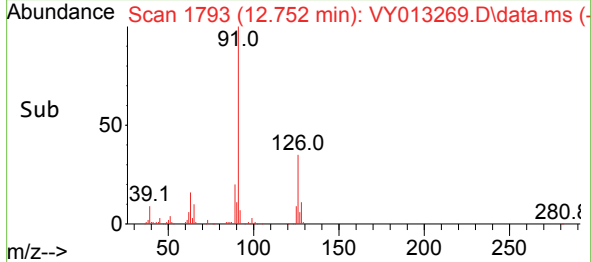
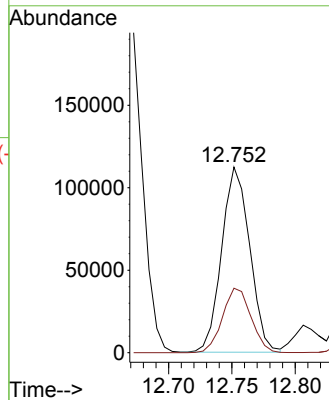
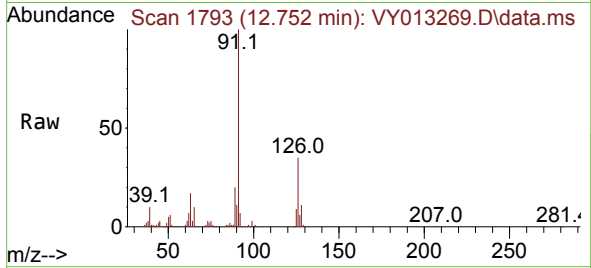




#79
2-Chlorotoluene
Concen: 20.598 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

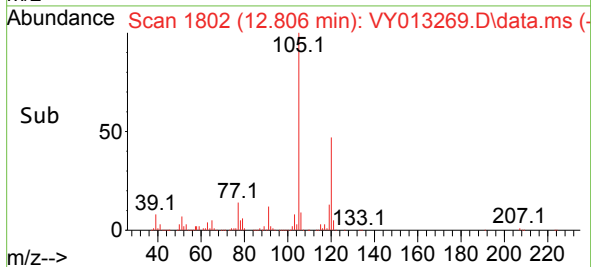
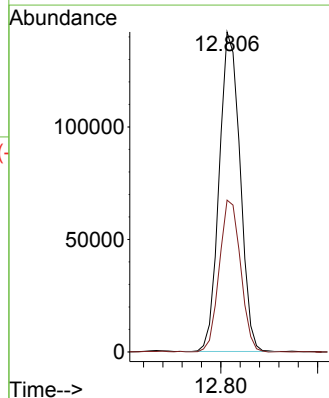
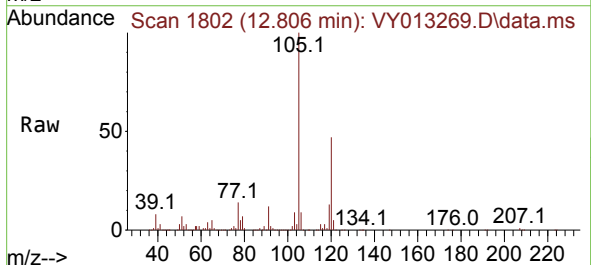
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

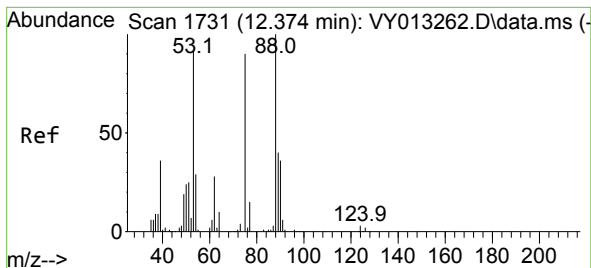
Tgt Ion: 91 Resp: 173405
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.893 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 105 Resp: 211919
Ion Ratio Lower Upper
105 100
120 48.4 24.8 74.4

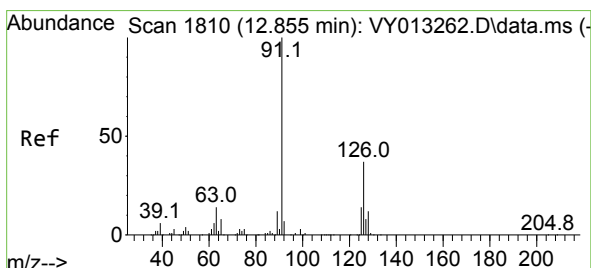
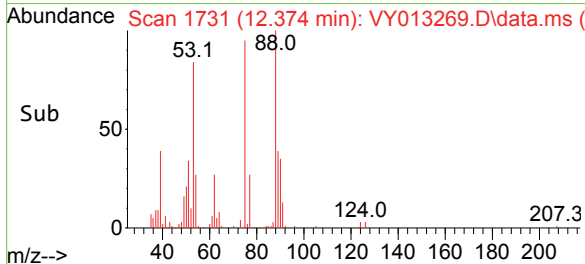
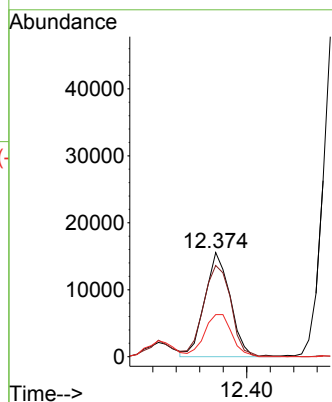
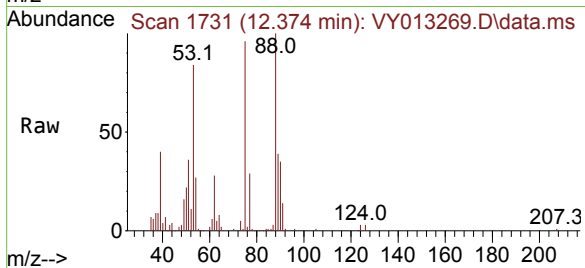




#81
trans-1,4-Dichloro-2-butene
Concen: 22.130 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

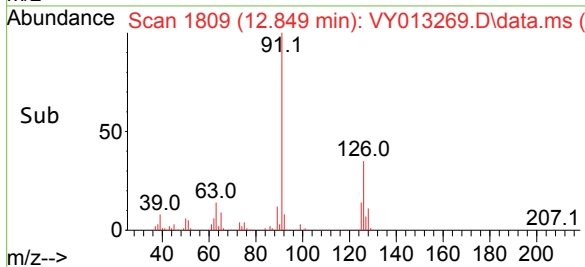
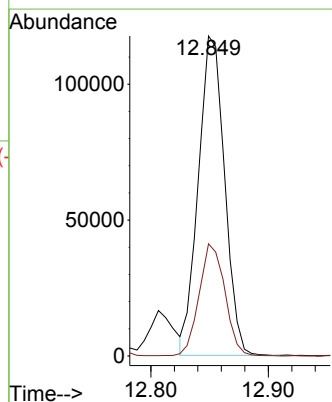
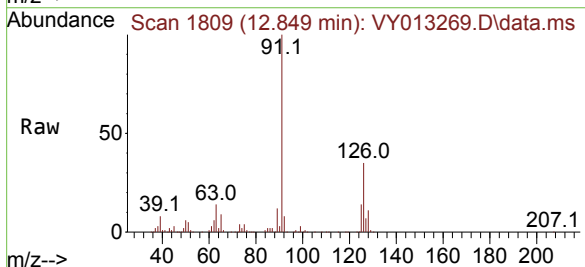
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

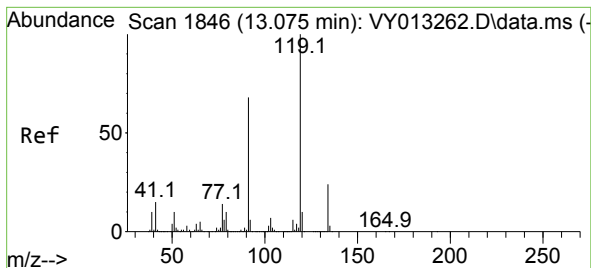
Tgt Ion: 75 Resp: 23456
Ion Ratio Lower Upper
75 100
53 95.2 73.4 110.0
89 43.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.544 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 91 Resp: 182330
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1





#83

tert-Butylbenzene

Concen: 21.400 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBSD01

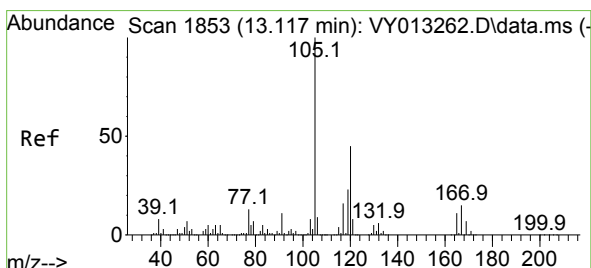
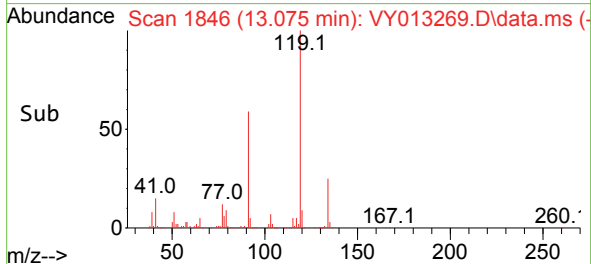
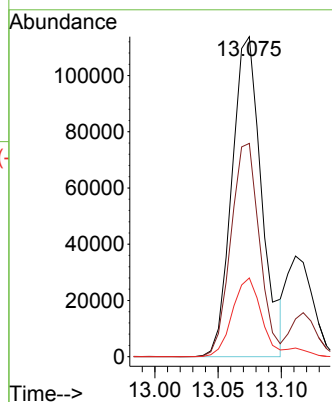
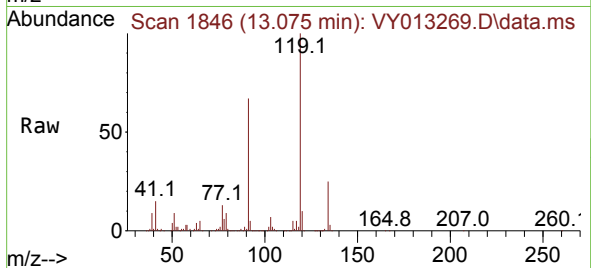
Tgt Ion:119 Resp: 186255

Ion Ratio Lower Upper

119 100

91 64.4 32.8 98.3

134 25.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.788 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013269.D

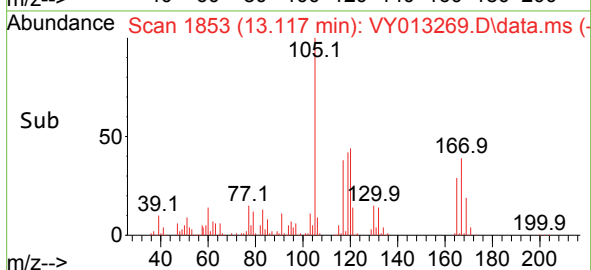
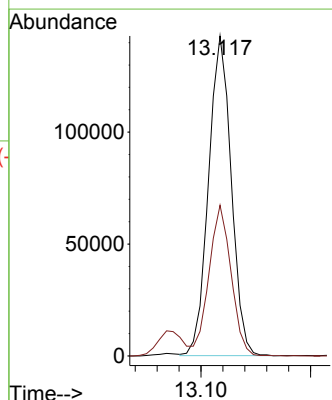
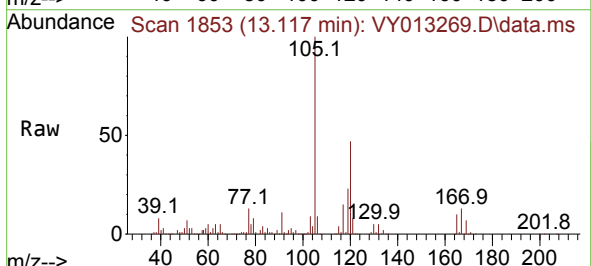
Acq: 12 Apr 2023 16:02

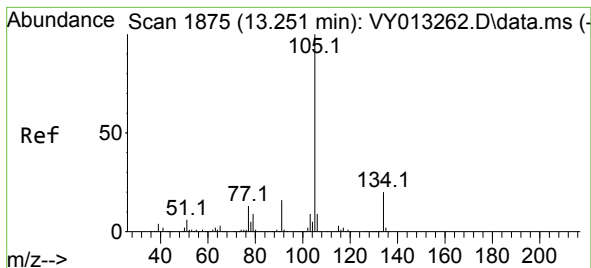
Tgt Ion:105 Resp: 205212

Ion Ratio Lower Upper

105 100

120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.904 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

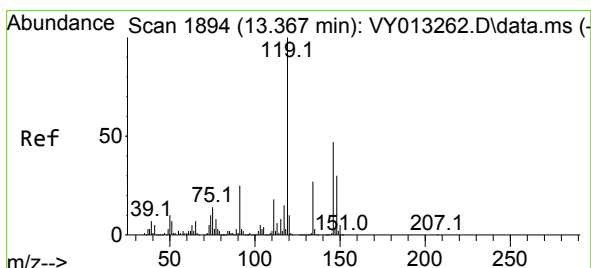
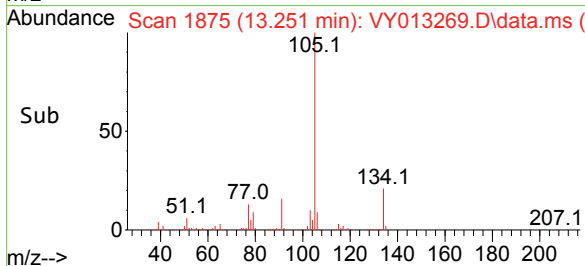
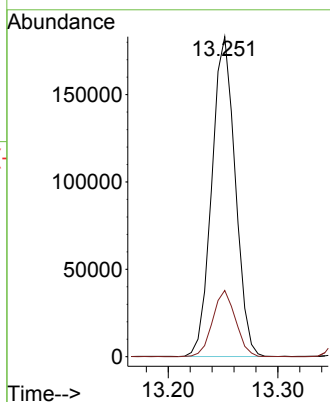
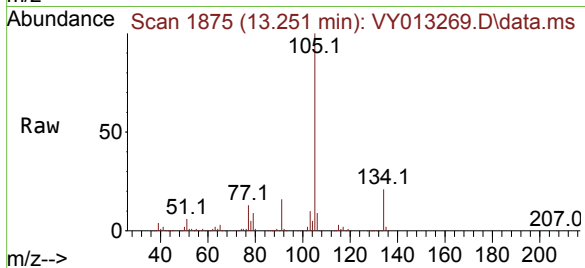
VY0412SBSD01

Tgt Ion:105 Resp: 272070

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.409 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

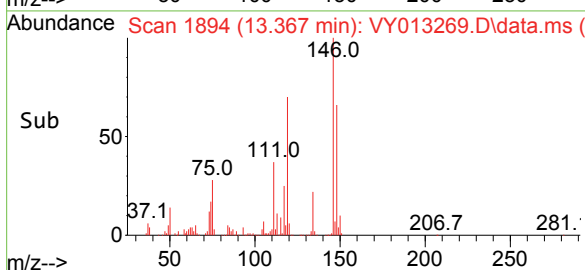
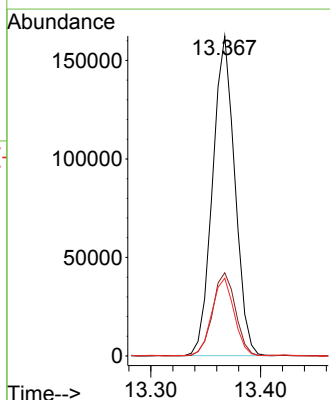
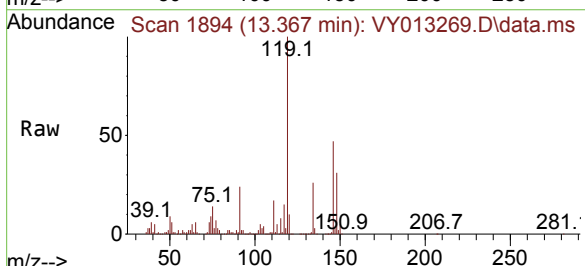
Tgt Ion:119 Resp: 228650

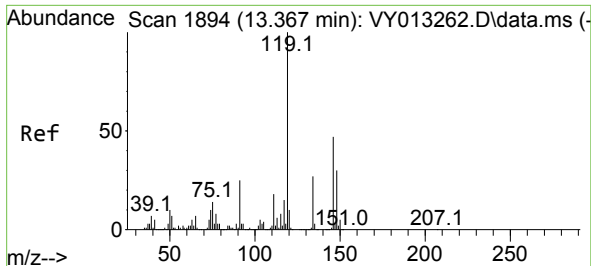
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 24.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.847 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

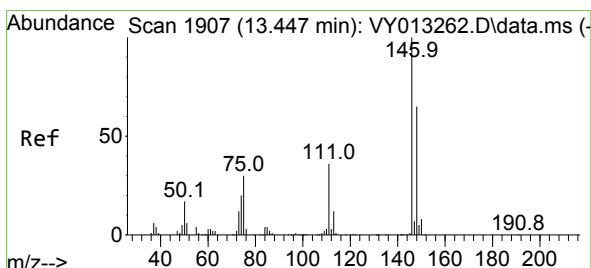
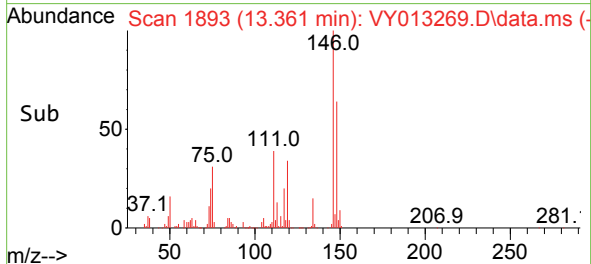
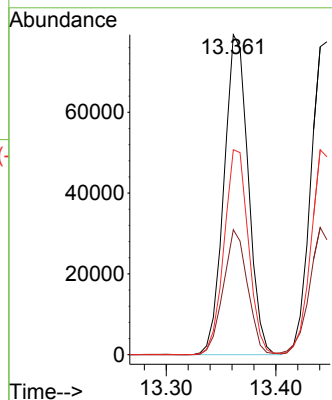
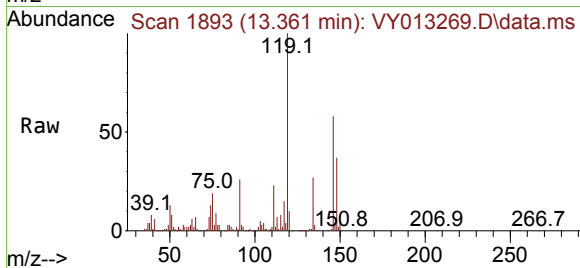
Tgt Ion:146 Resp: 121691

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 64.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.789 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

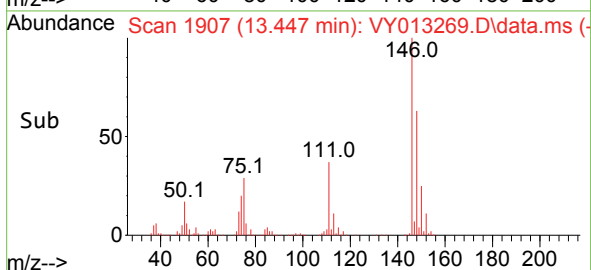
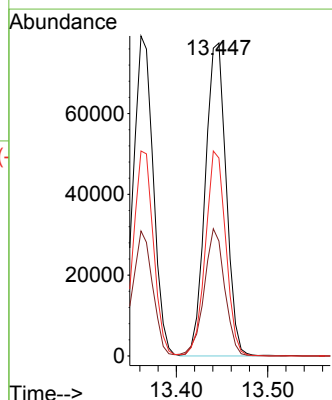
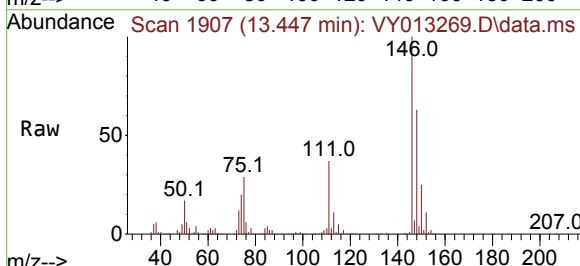
Tgt Ion:146 Resp: 122633

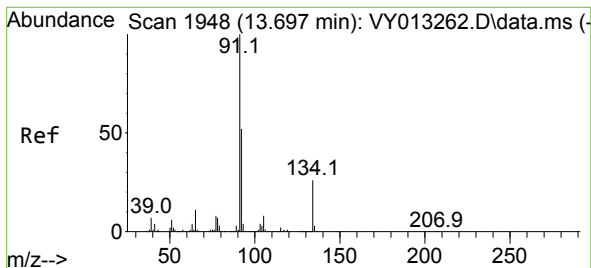
Ion Ratio Lower Upper

146 100

111 40.1 18.6 55.8

148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 20.814 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

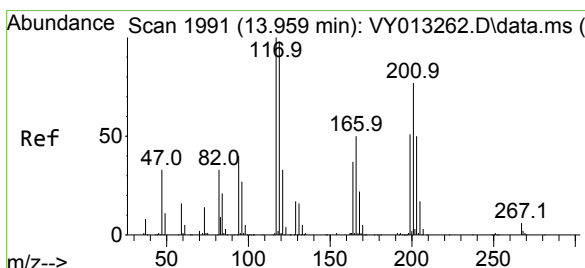
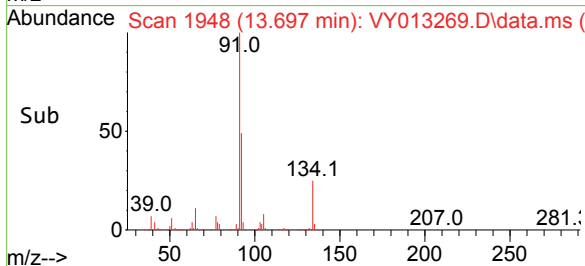
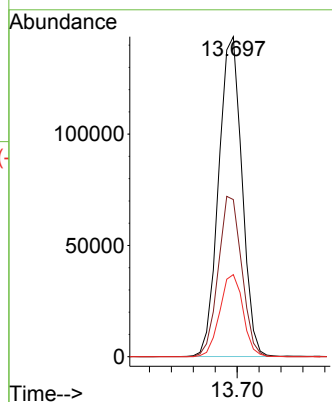
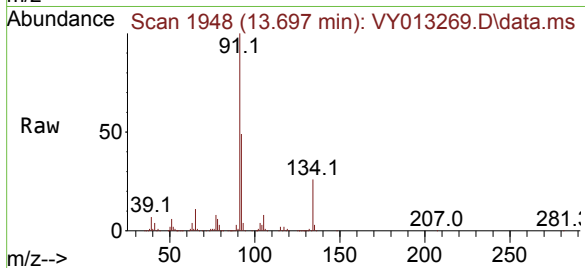
Tgt Ion: 91 Resp: 212612

Ion Ratio Lower Upper

91 100

92 50.6 26.4 79.0

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 20.437 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013269.D

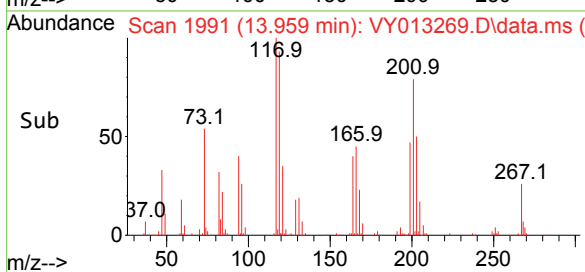
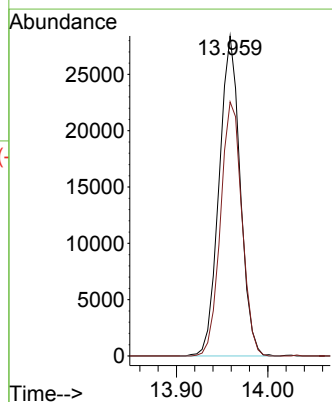
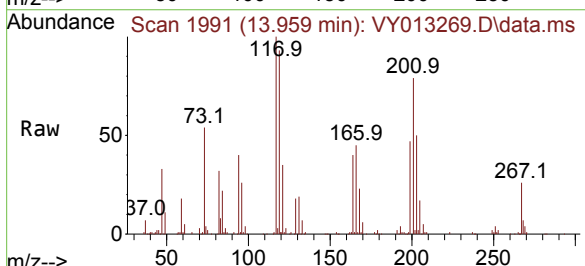
Acq: 12 Apr 2023 16:02

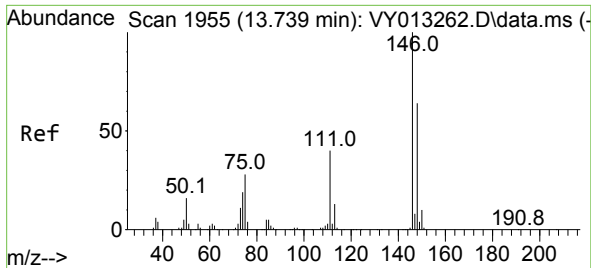
Tgt Ion: 117 Resp: 45512

Ion Ratio Lower Upper

117 100

201 80.4 39.4 118.1

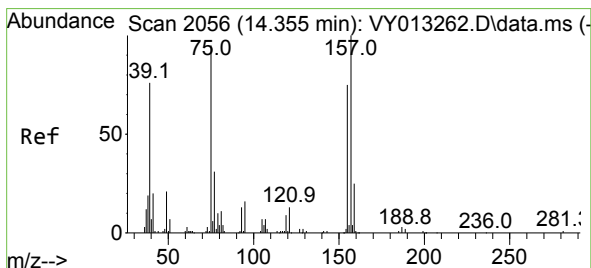
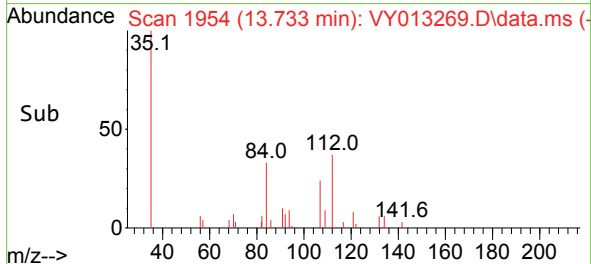
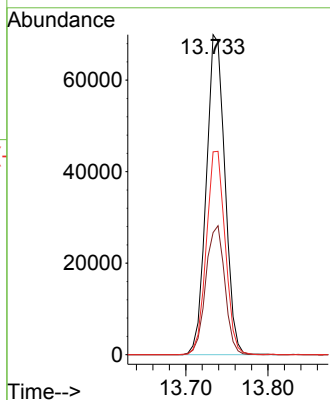
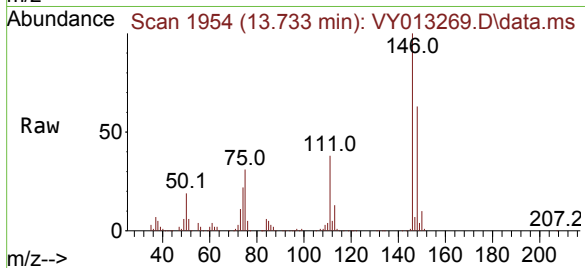




#91
1,2-Dichlorobenzene
Concen: 20.732 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

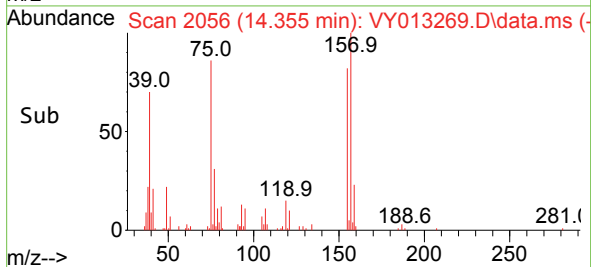
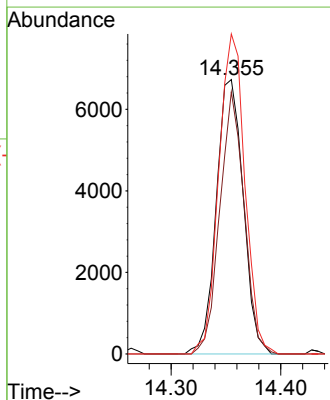
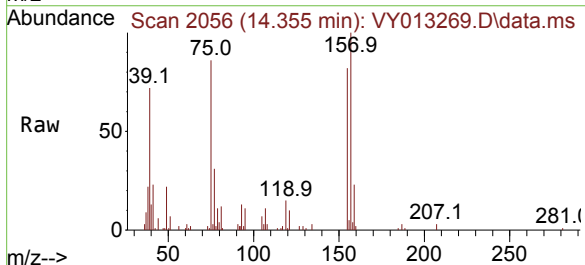
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

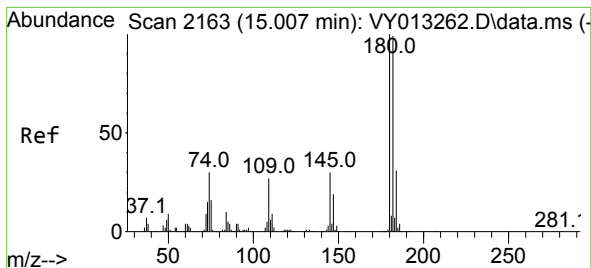
Tgt Ion:146 Resp: 110125
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.1
148 64.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.094 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013269.D
Acq: 12 Apr 2023 16:02

Tgt Ion: 75 Resp: 11459
Ion Ratio Lower Upper
75 100
155 86.3 43.8 131.4
157 113.5 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.053 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013269.D

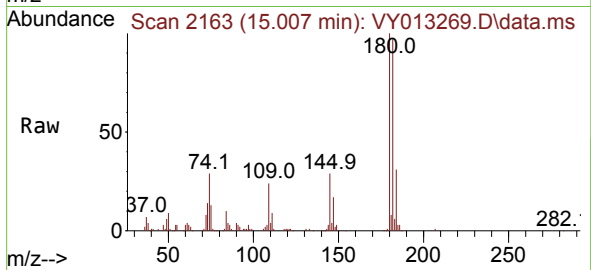
Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01



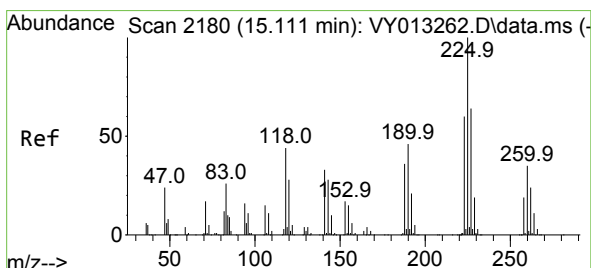
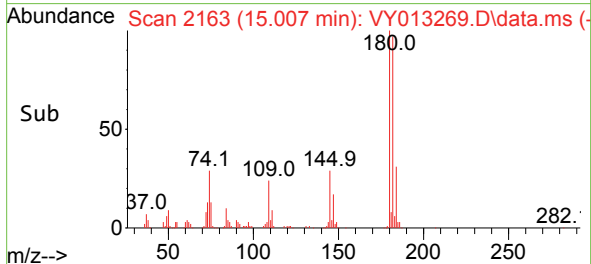
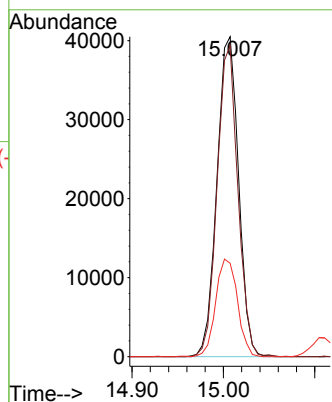
Tgt Ion:180 Resp: 66464

Ion Ratio Lower Upper

180 100

182 93.5 46.7 140.1

145 30.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.880 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

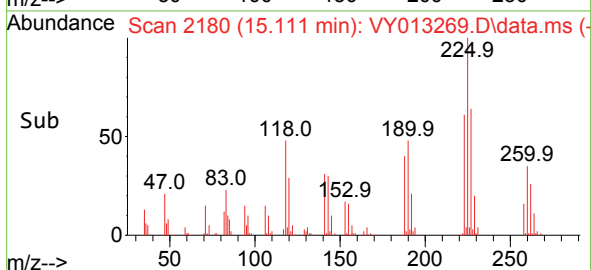
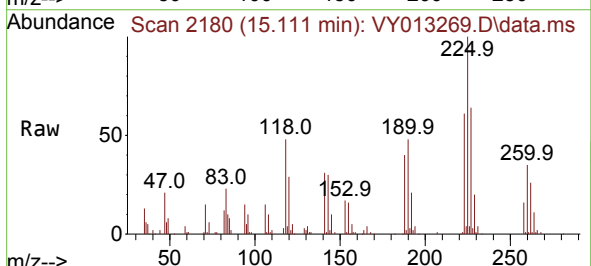
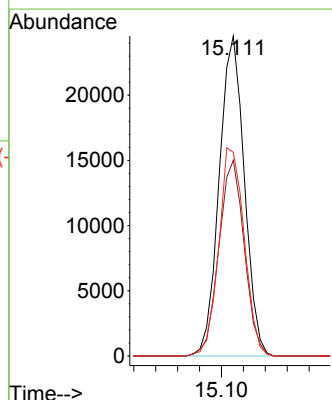
Tgt Ion:225 Resp: 39034

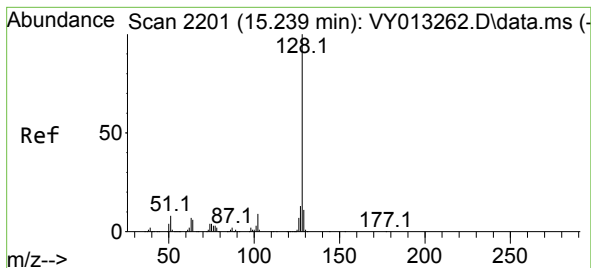
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.3

227 66.0 32.4 97.0





#95

Naphthalene

Concen: 20.889 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

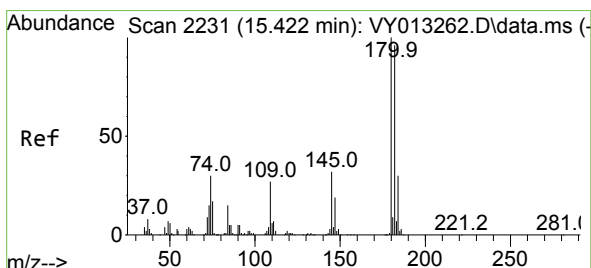
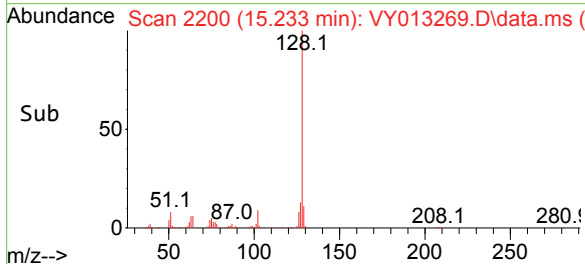
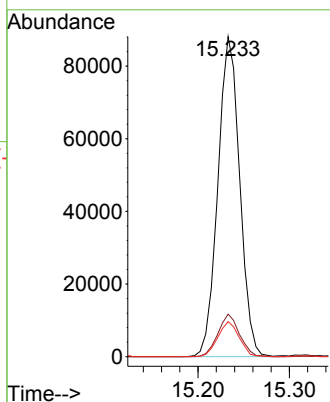
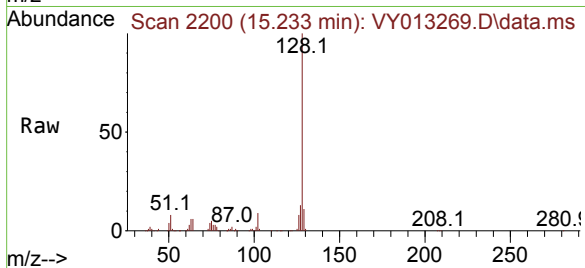
Tgt Ion:128 Resp: 146274

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.991 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013269.D

Acq: 12 Apr 2023 16:02

Tgt Ion:180 Resp: 60374

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.3

145 32.6 15.3 45.8

