

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018285.D
 Acq On : 16 May 2024 14:07
 Operator : SY/MD
 Sample : VY0516SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Quant Time: May 17 01:15:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	163348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77062	64.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.260%
35) Dibromofluoromethane	7.716	113	84323	55.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.480%
50) Toluene-d8	10.179	98	328793	55.156	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.320%
62) 4-Bromofluorobenzene	12.477	95	104328	54.193	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.380%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	26609	20.541	ug/l	99
3) Chloromethane	2.107	50	42104	24.280	ug/l	98
4) Vinyl Chloride	2.241	62	48255	22.956	ug/l	95
5) Bromomethane	2.637	94	34677	23.753	ug/l	97
6) Chloroethane	2.784	64	31769	23.813	ug/l	97
7) Trichlorofluoromethane	3.119	101	52520	21.330	ug/l	97
8) Diethyl Ether	3.521	74	18475	22.793	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	31993	20.388	ug/l	99
10) Methyl Iodide	4.082	142	39261	21.426	ug/l	97
11) Tert butyl alcohol	4.942	59	24313	229.210	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	33923	21.474	ug/l	92
13) Acrolein	3.723	56	18008	151.562	ug/l	97
14) Allyl chloride	4.473	41	46812	23.294	ug/l	97
15) Acrylonitrile	5.155	53	38822	124.545	ug/l	97
16) Acetone	3.936	43	32787	136.720	ug/l	100
17) Carbon Disulfide	4.186	76	98185	22.831	ug/l	99
18) Methyl Acetate	4.466	43	17412	25.489	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	84098	23.899	ug/l	98
20) Methylene Chloride	4.704	84	44647	26.340	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	36729	21.934	ug/l	93
22) Diisopropyl ether	6.106	45	97161	22.791	ug/l	92
23) Vinyl Acetate	6.051	43	319057	123.135	ug/l	100
24) 1,1-Dichloroethane	6.009	63	58111	22.131	ug/l	97
25) 2-Butanone	6.972	43	51625	134.673	ug/l	92
26) 2,2-Dichloropropane	6.972	77	51884	21.832	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	42959	21.708	ug/l	98
28) Bromochloromethane	7.332	49	20031	19.087	ug/l	99
29) Tetrahydrofuran	7.344	42	32580	128.756	ug/l	95
30) Chloroform	7.496	83	59914	21.857	ug/l	93
31) Cyclohexane	7.783	56	52293	21.124	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	52397	21.327	ug/l	98
36) 1,1-Dichloropropene	7.911	75	44043	20.309	ug/l	98
37) Ethyl Acetate	7.070	43	22392	24.532	ug/l #	93
38) Carbon Tetrachloride	7.899	117	46633	19.680	ug/l	97
39) Methylcyclohexane	9.179	83	61790	19.750	ug/l	99
40) Benzene	8.155	78	142400	20.414	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	9438	17.906	ug/l #	62
42) 1,2-Dichloroethane	8.234	62	35001	23.061	ug/l	98
43) Isopropyl Acetate	8.271	43	44438	23.752	ug/l	95
44) Trichloroethene	8.935	130	38654	20.355	ug/l	100
45) 1,2-Dichloropropane	9.209	63	32255	21.150	ug/l	91
46) Dibromomethane	9.301	93	19189	21.887	ug/l	97
47) Bromodichloromethane	9.490	83	45573	21.026	ug/l	98
48) Methyl methacrylate	9.289	41	19626	22.888	ug/l	91
49) 1,4-Dioxane	9.289	88	5105	438.670	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	113666	120.879	ug/l	96
52) Toluene	10.240	92	92227	20.537	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	42010	20.751	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	51246	20.708	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	26297	21.834	ug/l #	94
56) Ethyl methacrylate	10.508	69	35942	21.973	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	43448	22.166	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	83717	107.184	ug/l	97
59) 2-Hexanone	10.831	43	79353	120.692	ug/l	94
60) Dibromochloromethane	10.984	129	31538	20.183	ug/l	99
61) 1,2-Dibromoethane	11.087	107	24596	21.682	ug/l	100
64) Tetrachloroethene	10.715	164	35132	21.299	ug/l	97
65) Chlorobenzene	11.514	112	101846	20.185	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	32422	19.865	ug/l	97
67) Ethyl Benzene	11.593	91	172357	20.232	ug/l	99
68) m/p-Xylenes	11.703	106	137431	40.793	ug/l	95
69) o-Xylene	12.026	106	65860	20.371	ug/l	95
70) Styrene	12.044	104	108233	20.046	ug/l	98
71) Bromoform	12.209	173	18499	20.485	ug/l #	92
73) Isopropylbenzene	12.331	105	163374	19.297	ug/l	98
74) N-amyl acetate	12.142	43	39157	22.280	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	27982	20.719	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	36216	40.069	ug/l #	100
77) Bromobenzene	12.605	156	37907	19.490	ug/l	97
78) n-propylbenzene	12.672	91	196817	19.986	ug/l	98
79) 2-Chlorotoluene	12.758	91	106383	19.441	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	131895	19.757	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9778	20.843	ug/l	97
82) 4-Chlorotoluene	12.855	91	110184	20.045	ug/l	97
83) tert-Butylbenzene	13.075	119	122313	19.863	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	128978	19.723	ug/l	99
85) sec-Butylbenzene	13.251	105	177343	19.634	ug/l	99
86) p-Isopropyltoluene	13.367	119	148110	19.933	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	73971	19.693	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	73243	20.002	ug/l	98
89) n-Butylbenzene	13.696	91	134626	20.020	ug/l	99
90) Hexachloroethane	13.959	117	26617	18.259	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	66417	20.572	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4453	24.215	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	37369	20.589	ug/l	96
94) Hexachlorobutadiene	15.111	225	19643	19.615	ug/l	98
95) Naphthalene	15.239	128	73889	22.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	31201	20.947	ug/l	99

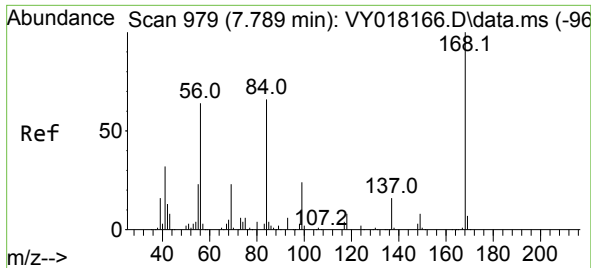
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
Data File : VY018285.D
Acq On : 16 May 2024 14:07
Operator : SY/MD
Sample : VY0516SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

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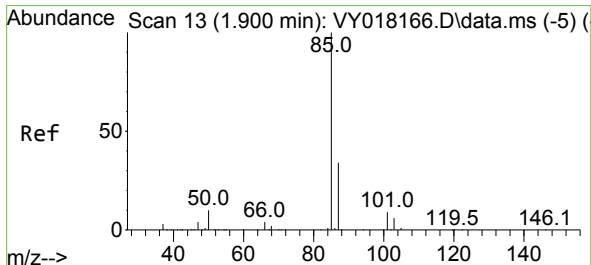
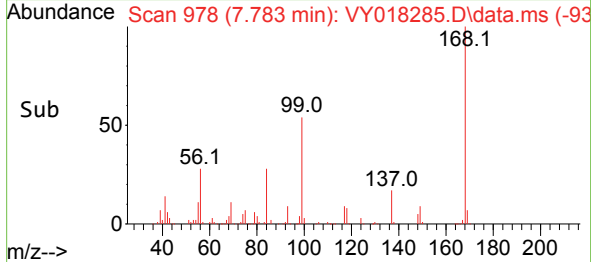
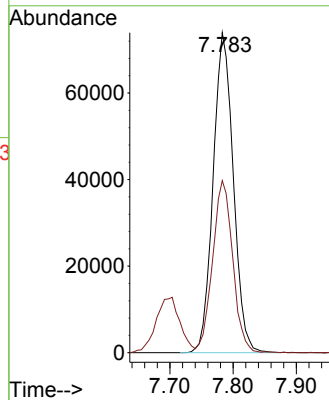
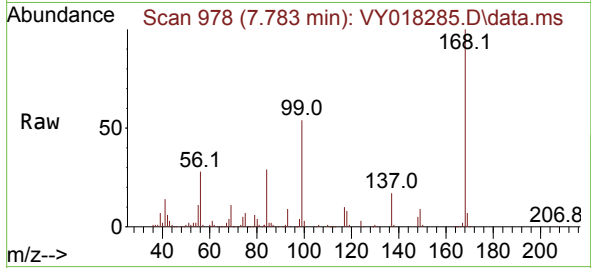
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

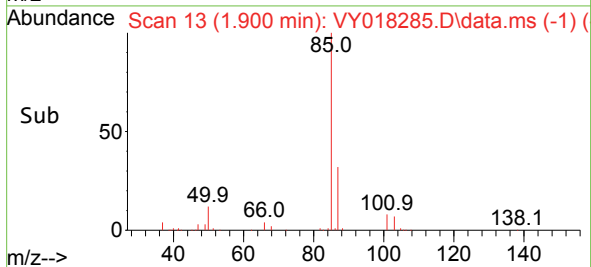
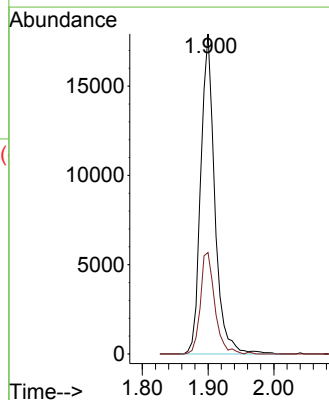
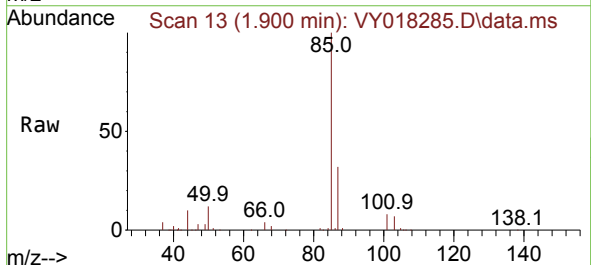
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

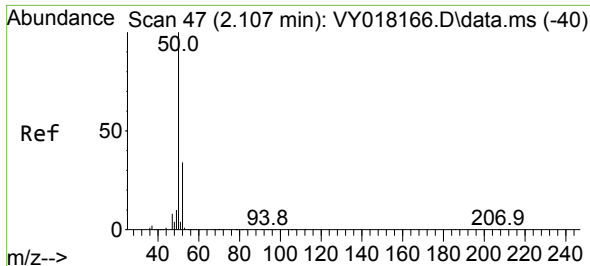
Tgt Ion:168 Resp: 163348
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.541 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 85 Resp: 26609
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0

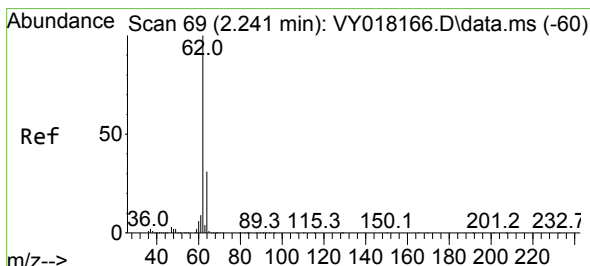
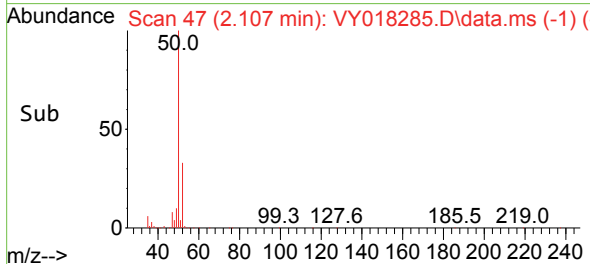
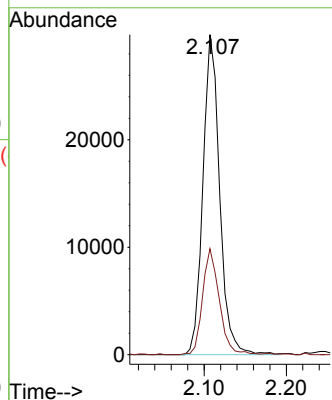
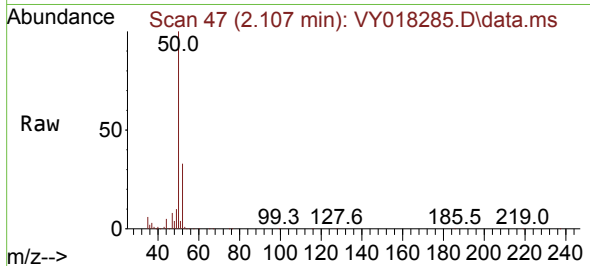




#3
Chloromethane
Concen: 24.280 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

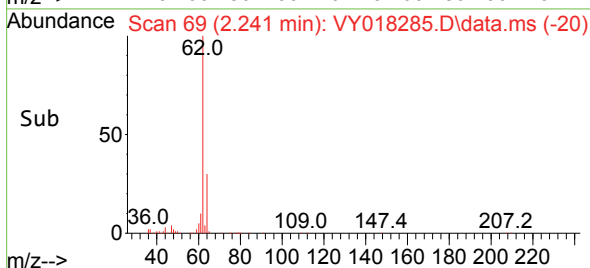
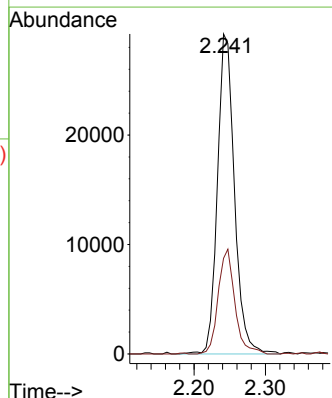
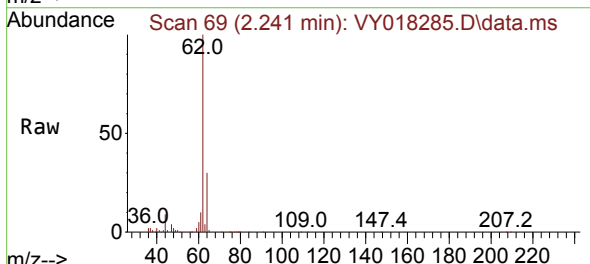
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

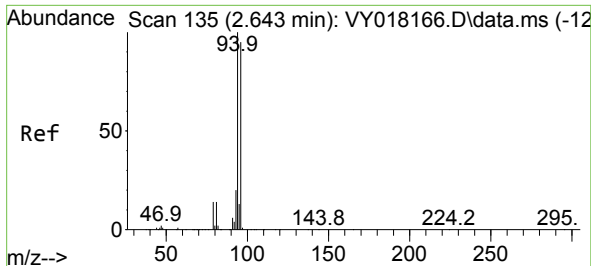
Tgt Ion: 50 Resp: 42104
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 22.956 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 62 Resp: 48255
Ion Ratio Lower Upper
62 100
64 29.9 26.1 39.1

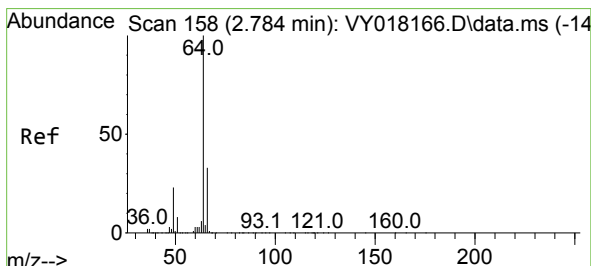
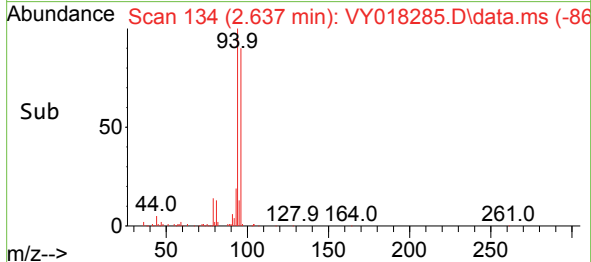
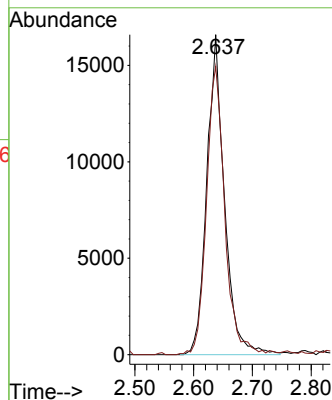
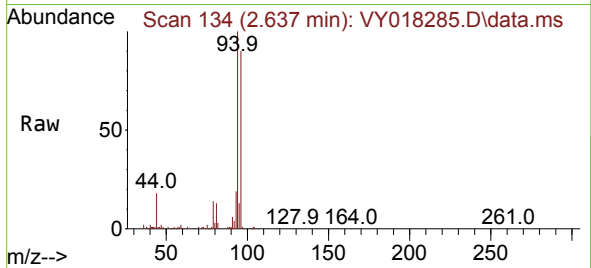




#5
Bromomethane
Concen: 23.753 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

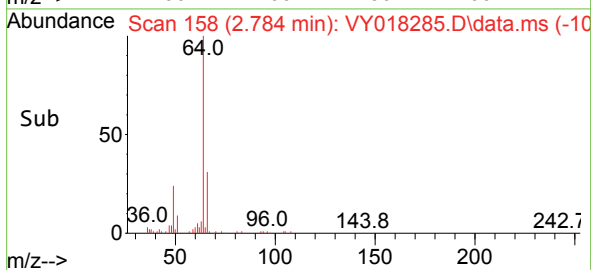
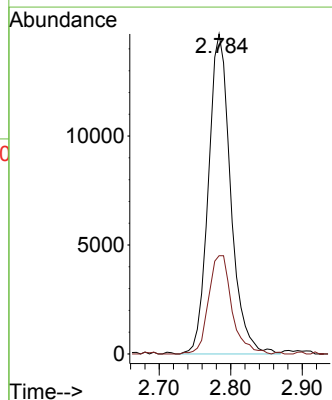
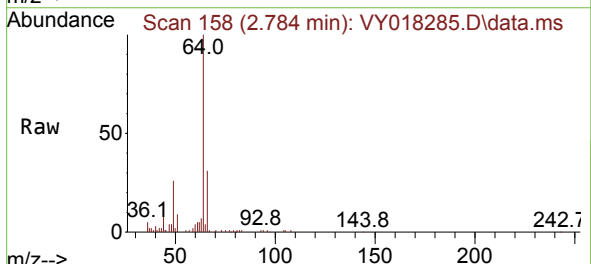
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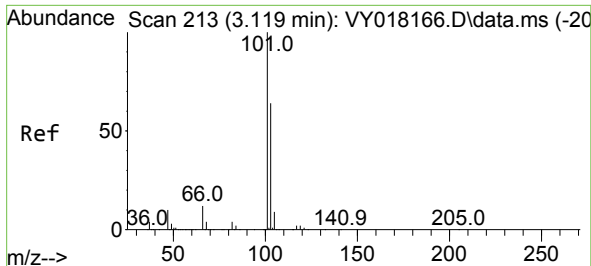
Tgt Ion: 94 Resp: 34677
Ion Ratio Lower Upper
94 100
96 89.8 74.1 111.1



#6
Chloroethane
Concen: 23.813 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 64 Resp: 31769
Ion Ratio Lower Upper
64 100
66 30.7 26.1 39.1

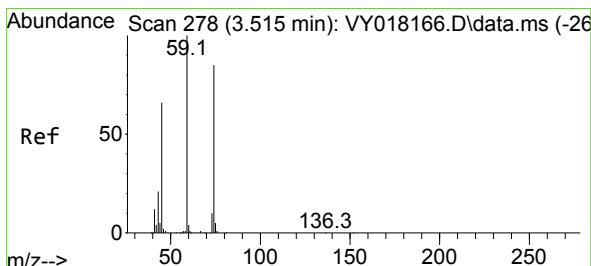
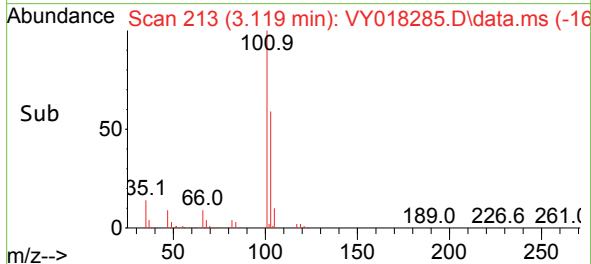
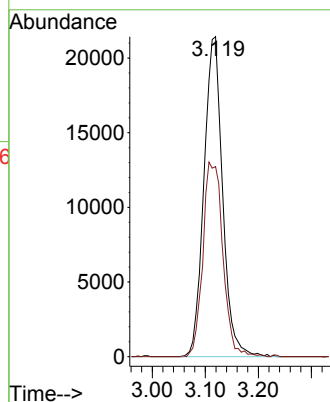
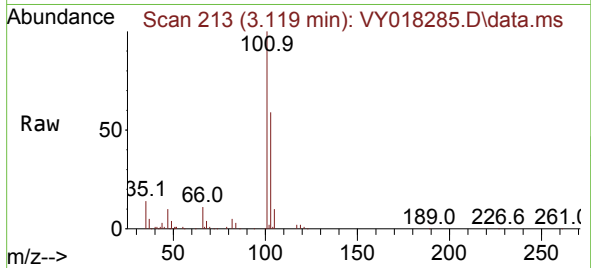




#7
 Trichlorofluoromethane
 Concen: 21.330 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018285.D
 Acq: 16 May 2024 14:07

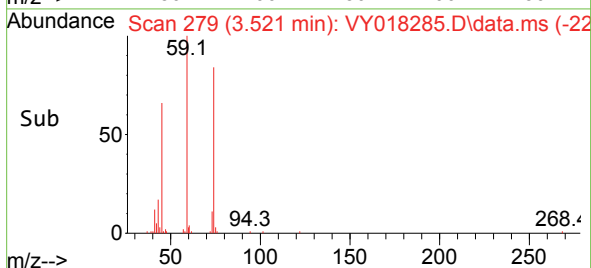
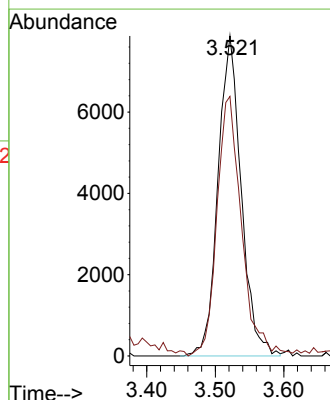
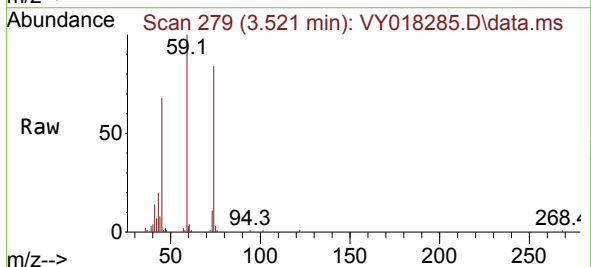
Instrument :
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 VY0516SBS01

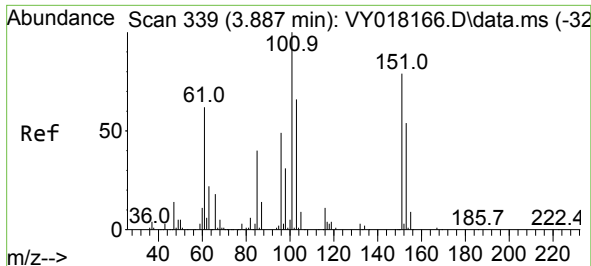
Tgt Ion:101 Resp: 52520
 Ion Ratio Lower Upper
 101 100
 103 59.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 22.793 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018285.D
 Acq: 16 May 2024 14:07

Tgt Ion: 74 Resp: 18475
 Ion Ratio Lower Upper
 74 100
 45 86.2 41.3 124.1

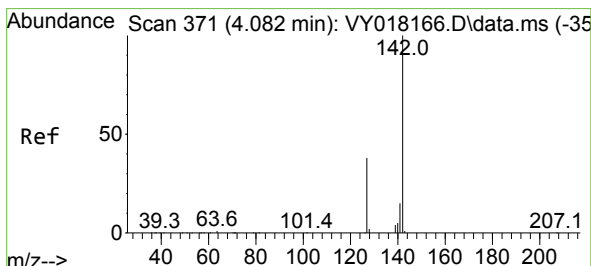
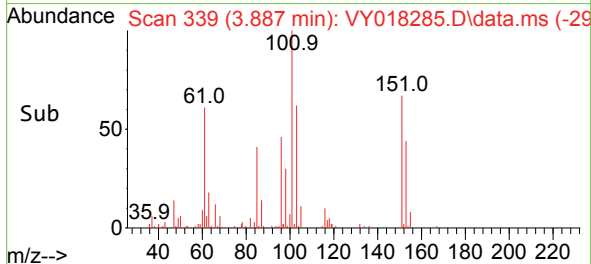
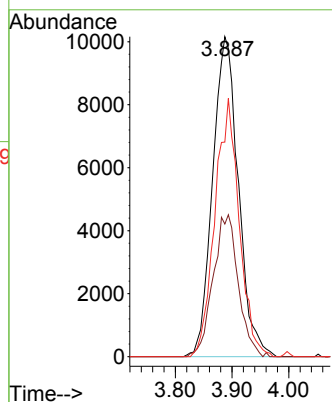
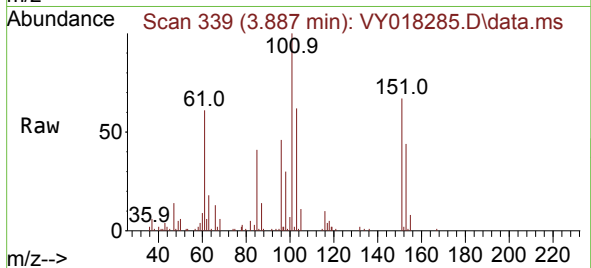




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.388 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

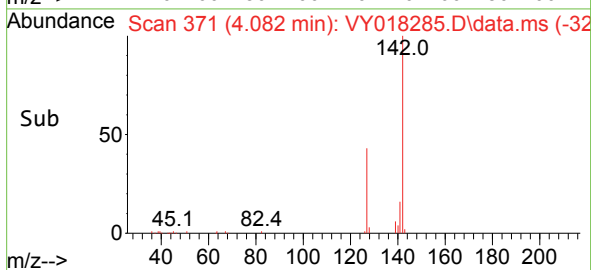
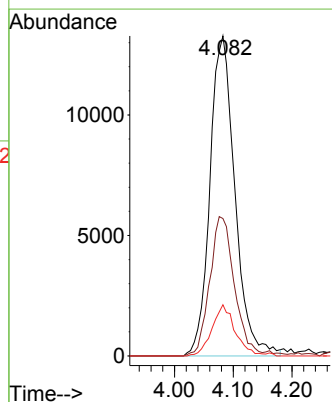
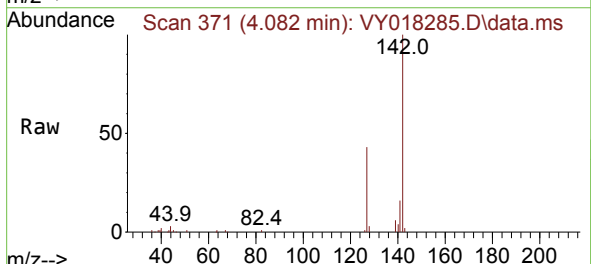
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

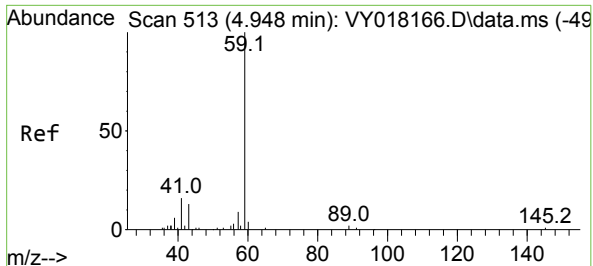
Tgt Ion:101 Resp: 31993
Ion Ratio Lower Upper
101 100
85 43.5 34.5 51.7
151 75.9 61.7 92.5



#10
Methyl Iodide
Concen: 21.426 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion:142 Resp: 39261
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 14.8 11.4 17.2

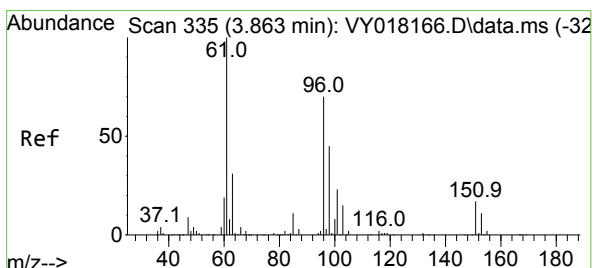
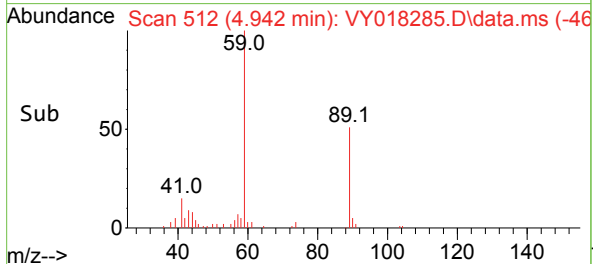
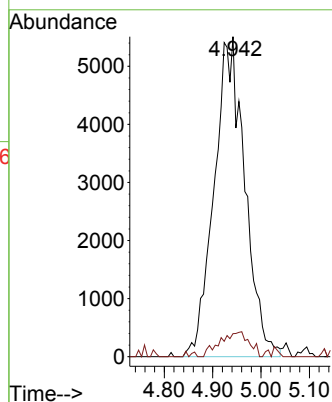
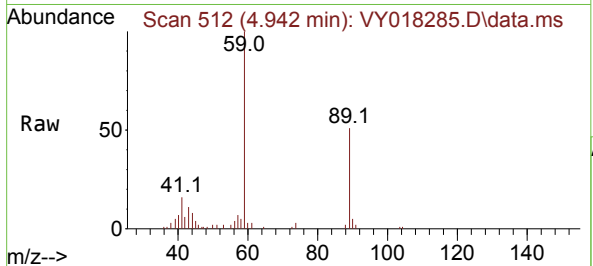




#11
Tert butyl alcohol
Concen: 229.210 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

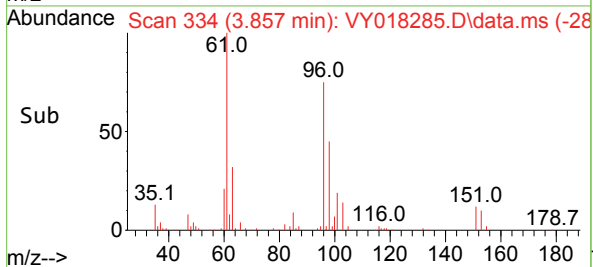
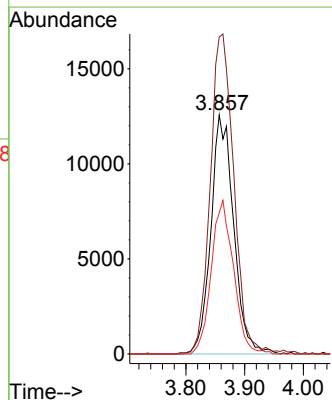
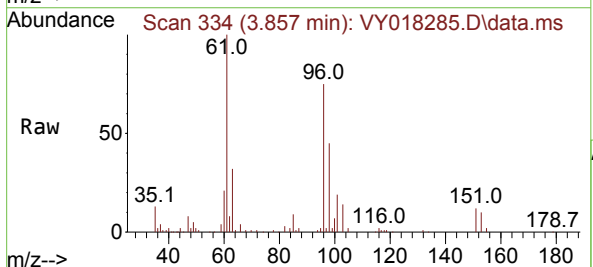
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

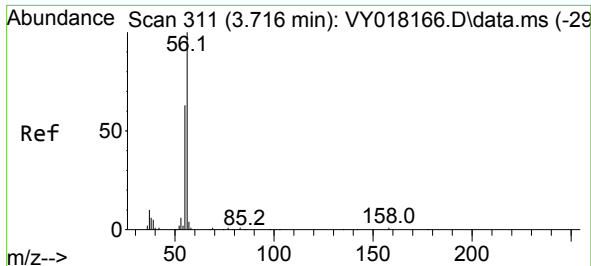
Tgt Ion: 59 Resp: 24313
Ion Ratio Lower Upper
59 100
57 7.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.474 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 96 Resp: 33923
Ion Ratio Lower Upper
96 100
61 132.0 114.6 171.8
98 59.0 50.8 76.2

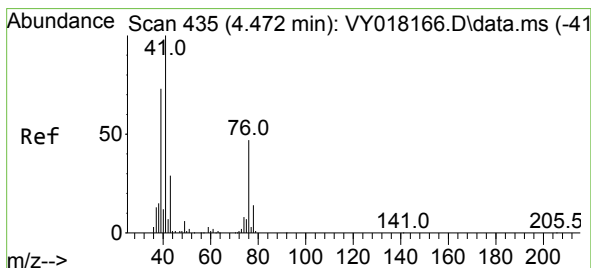
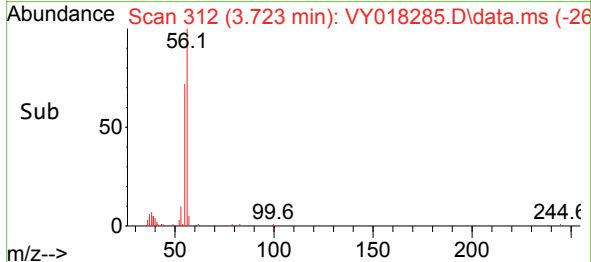
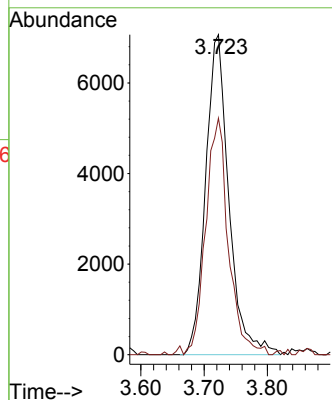
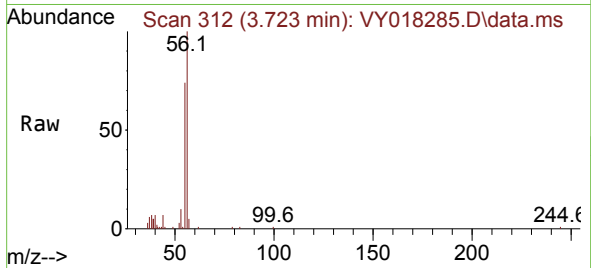




#13
Acrolein
Concen: 151.562 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

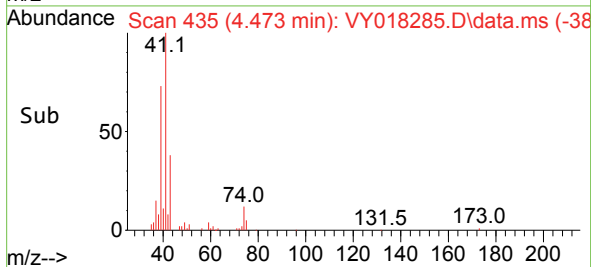
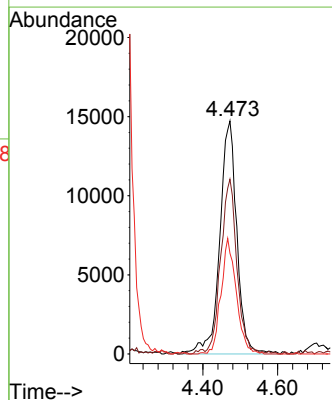
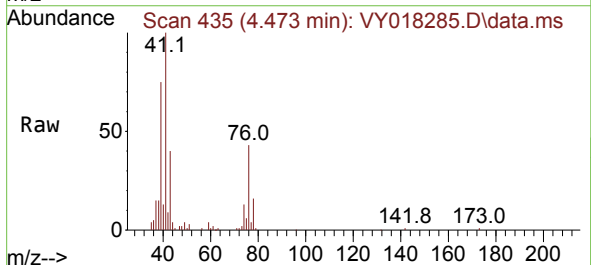
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

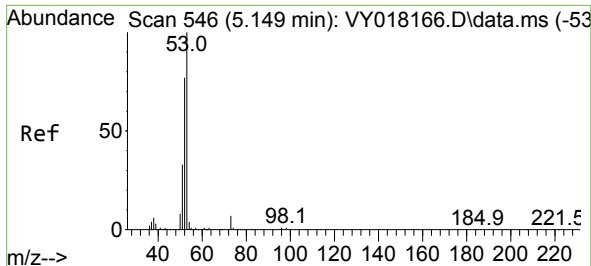
Tgt Ion: 56 Resp: 18008
Ion Ratio Lower Upper
56 100
55 72.1 55.7 83.5



#14
Allyl chloride
Concen: 23.294 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 41 Resp: 46812
Ion Ratio Lower Upper
41 100
39 71.8 58.3 87.5
76 44.2 39.0 58.6

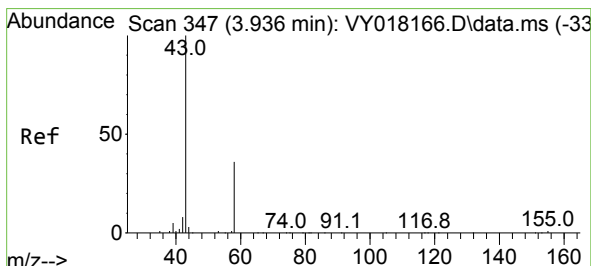
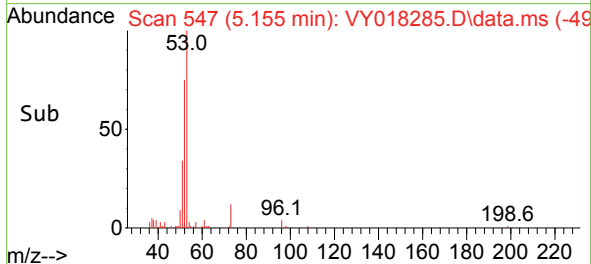
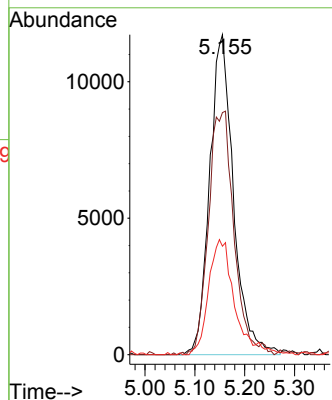
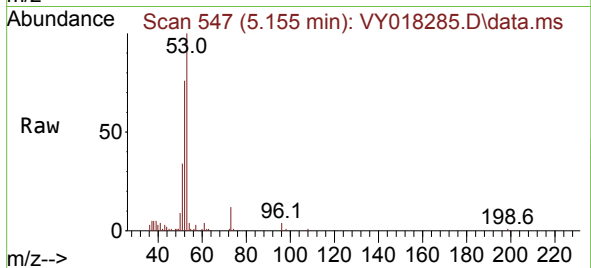




#15
Acrylonitrile
Concen: 124.545 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

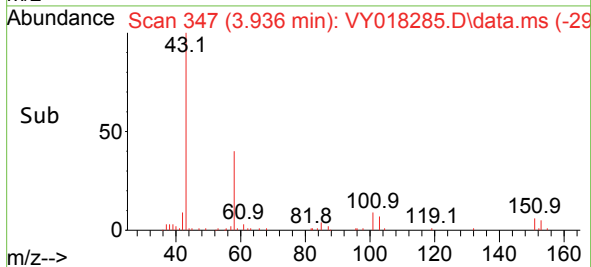
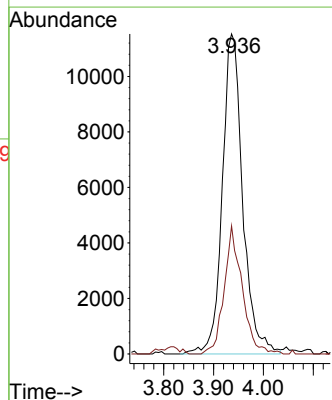
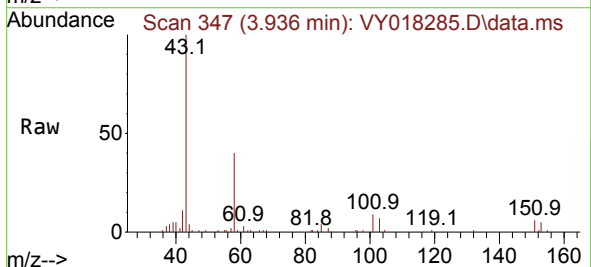
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

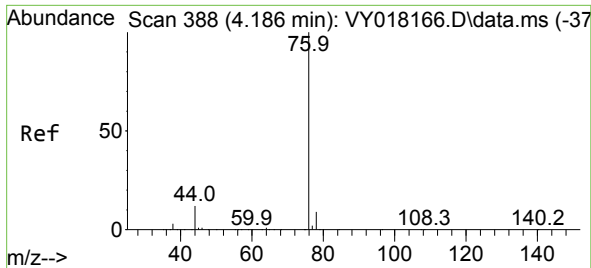
Tgt Ion: 53 Resp: 38822
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 39.4 28.4 42.6



#16
Acetone
Concen: 136.720 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 43 Resp: 32787
Ion Ratio Lower Upper
43 100
58 39.4 31.7 47.5

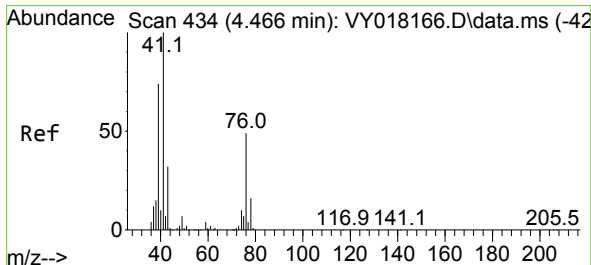
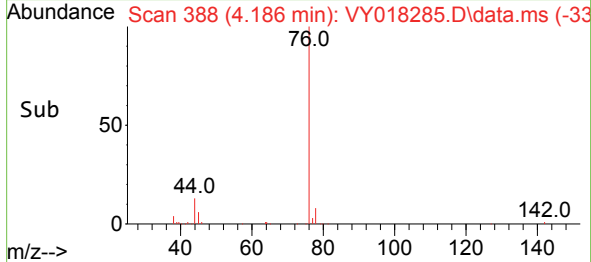
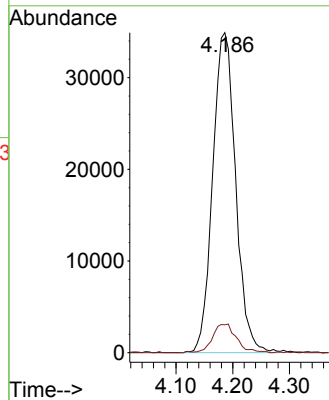
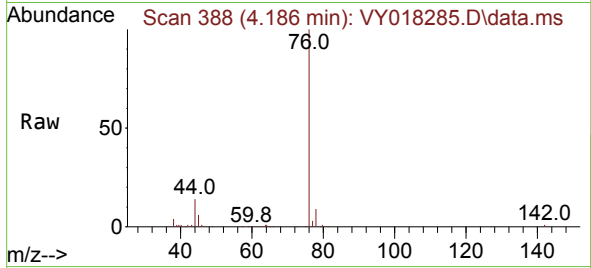




#17
Carbon Disulfide
Concen: 22.831 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

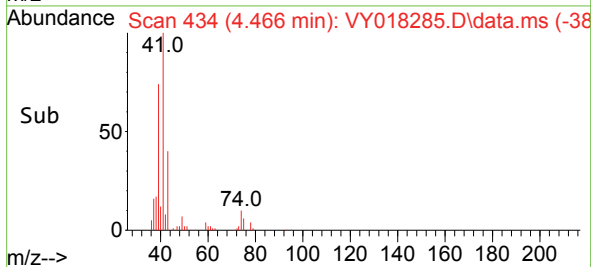
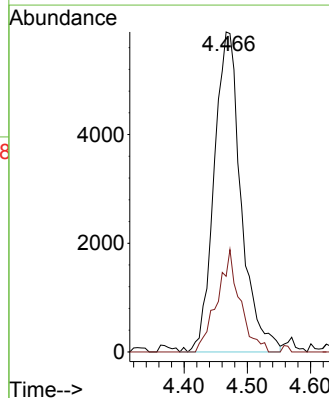
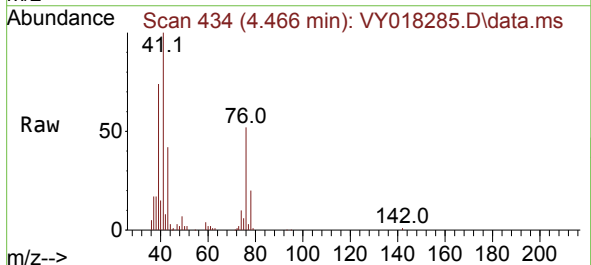
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

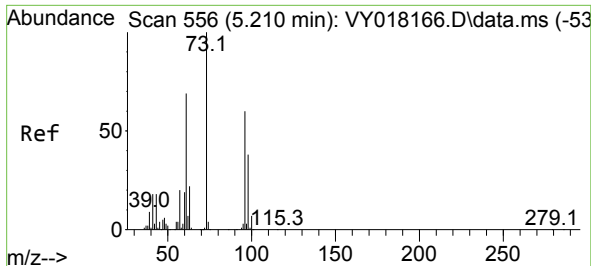
Tgt Ion: 76 Resp: 98185
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 25.489 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 43 Resp: 17412
Ion Ratio Lower Upper
43 100
74 27.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 23.899 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

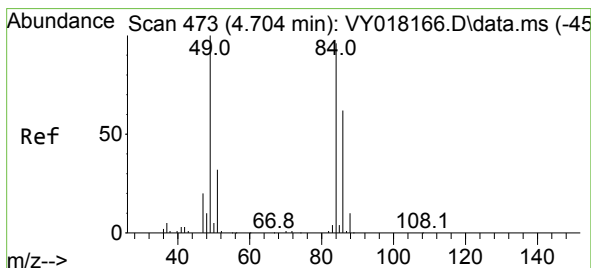
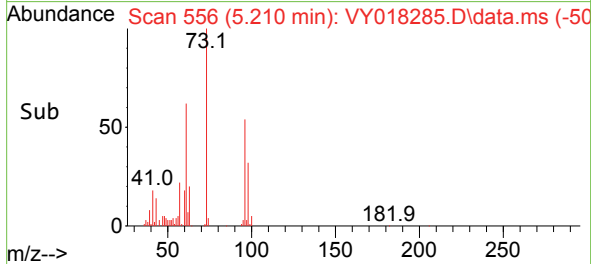
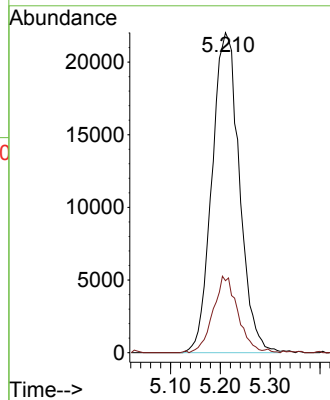
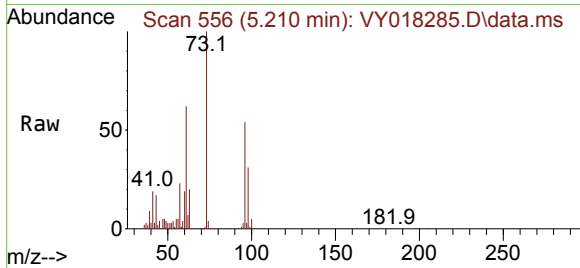
VY0516SBS01

Tgt Ion: 73 Resp: 84098

Ion Ratio Lower Upper

73 100

57 22.5 17.3 25.9



#20

Methylene Chloride

Concen: 26.340 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Tgt Ion: 84 Resp: 44647

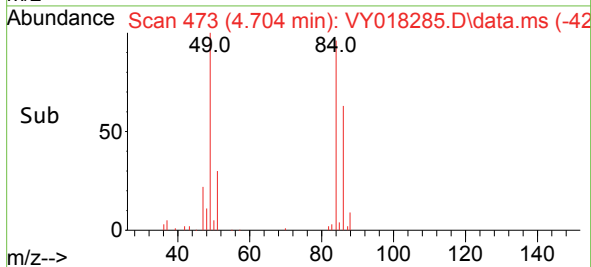
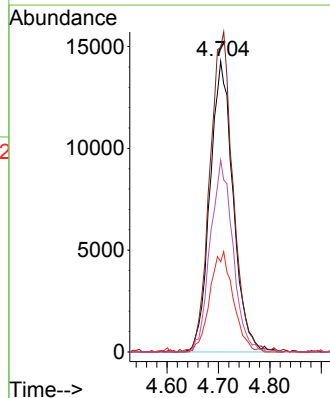
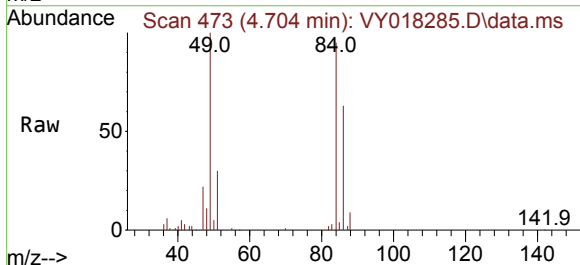
Ion Ratio Lower Upper

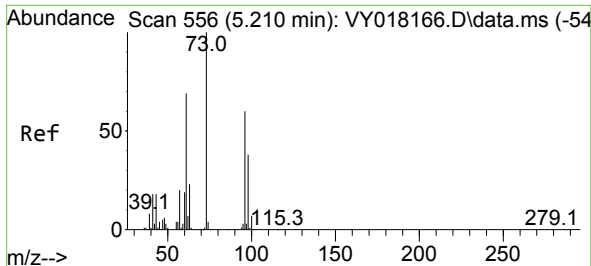
84 100

49 104.5 84.4 126.6

51 31.0 26.0 39.0

86 66.0 49.5 74.3

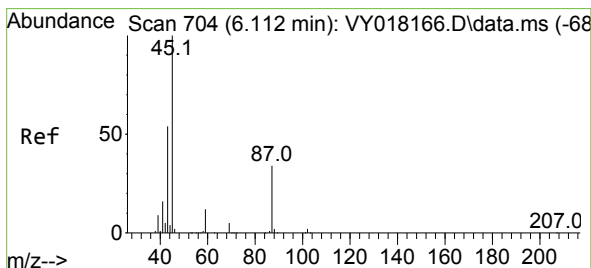
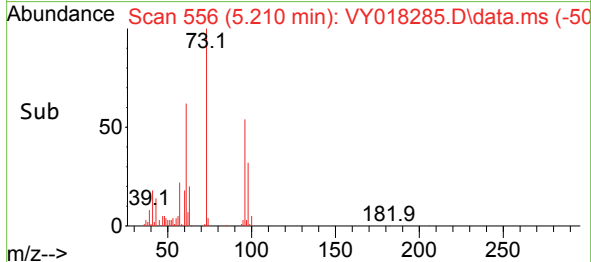
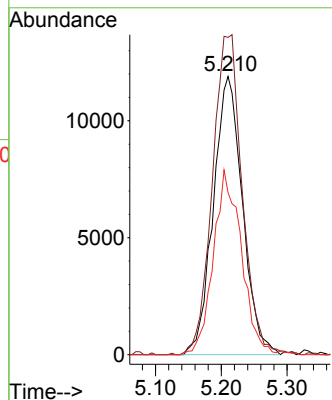
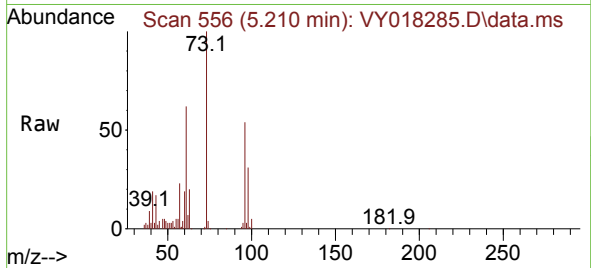




#21
trans-1,2-Dichloroethene
Concen: 21.934 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

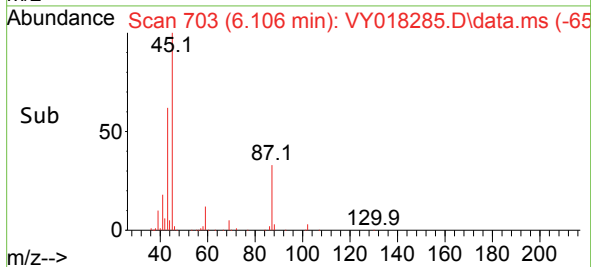
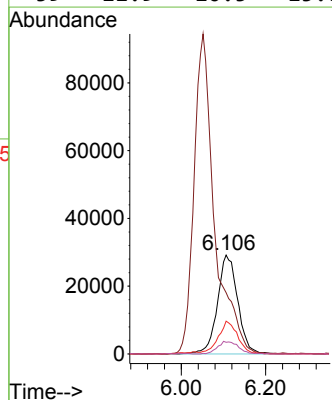
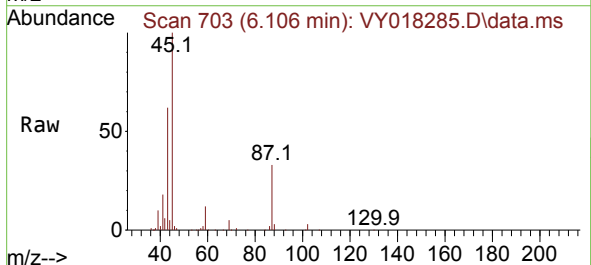
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

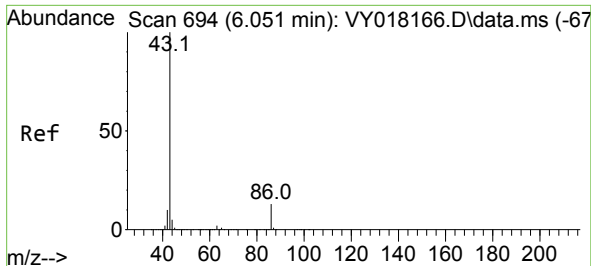
Tgt Ion: 96 Resp: 36729
Ion Ratio Lower Upper
96 100
61 114.0 97.5 146.3
98 58.2 50.5 75.7



#22
Diisopropyl ether
Concen: 22.791 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 45 Resp: 97161
Ion Ratio Lower Upper
45 100
43 61.3 42.2 63.2
87 33.3 25.0 37.6
59 11.9 10.5 15.7

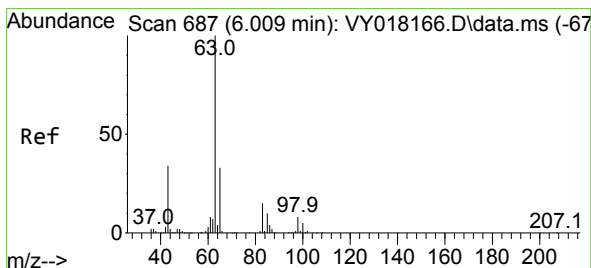
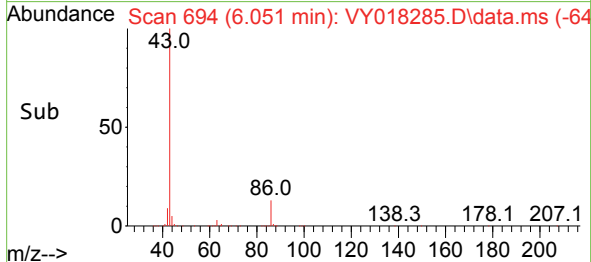
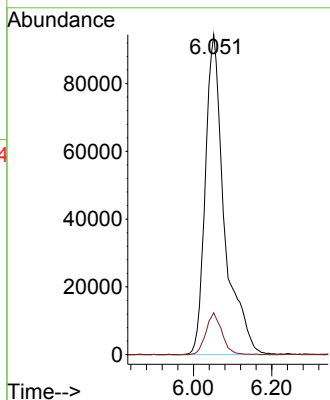
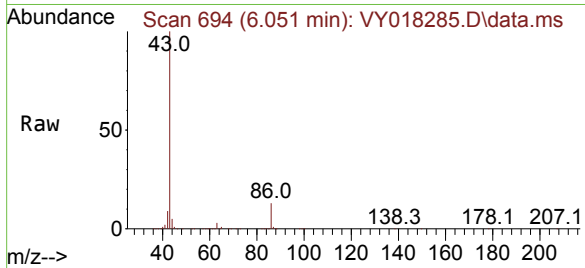




#23
 Vinyl Acetate
 Concen: 123.135 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018285.D
 Acq: 16 May 2024 14:07

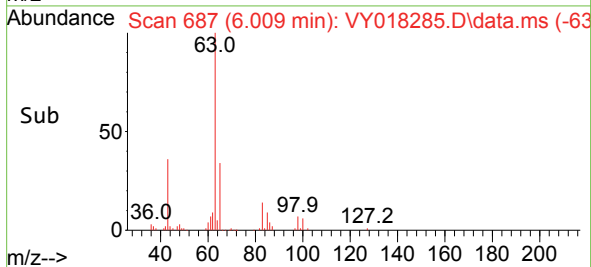
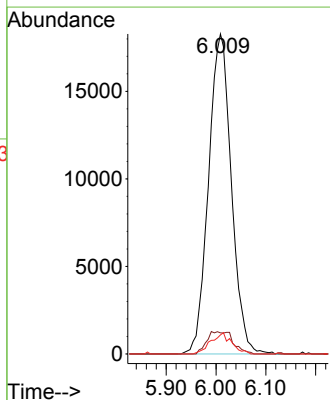
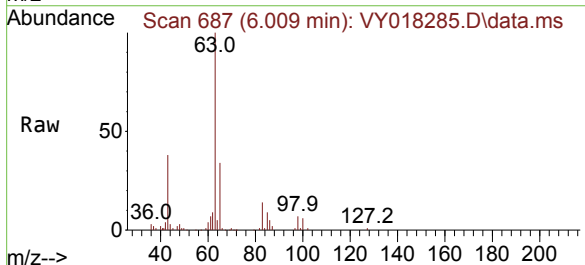
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

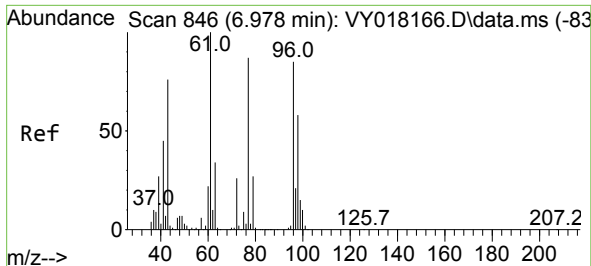
Tgt Ion: 43 Resp: 319057
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 22.131 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018285.D
 Acq: 16 May 2024 14:07

Tgt Ion: 63 Resp: 58111
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 5.9 2.6 8.0





#25

2-Butanone

Concen: 134.673 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

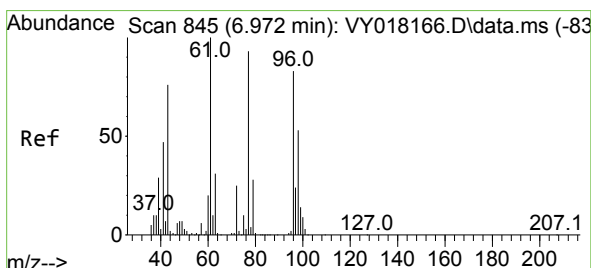
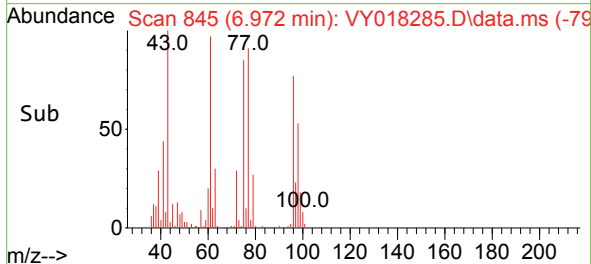
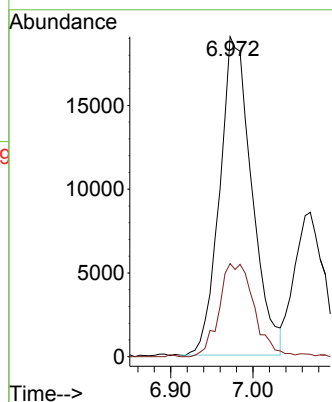
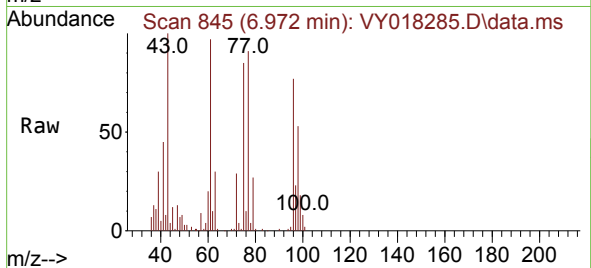
VY0516SBS01

Tgt Ion: 43 Resp: 51625

Ion Ratio Lower Upper

43 100

72 29.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.832 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018285.D

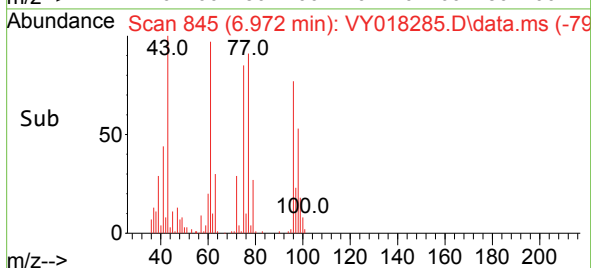
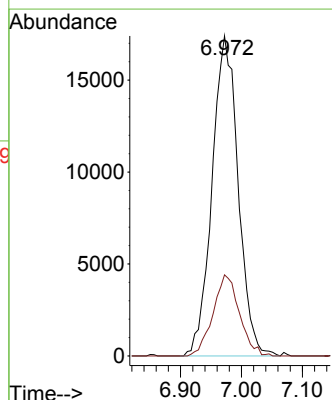
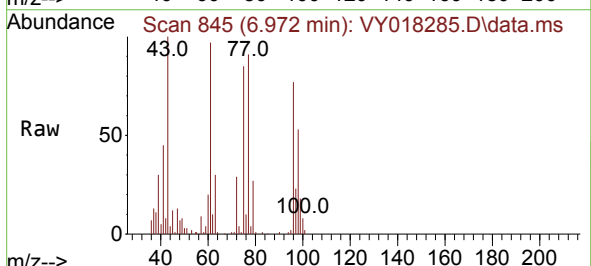
Acq: 16 May 2024 14:07

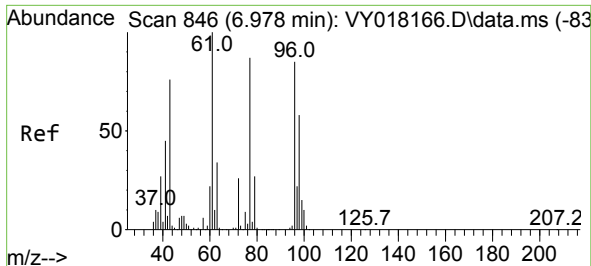
Tgt Ion: 77 Resp: 51884

Ion Ratio Lower Upper

77 100

97 25.6 12.0 36.1

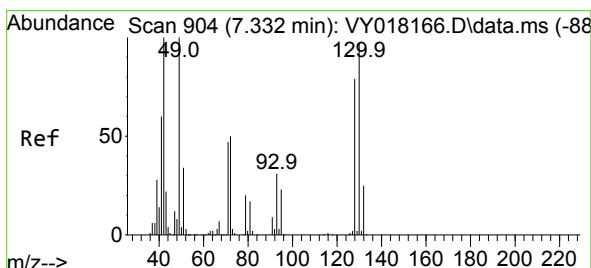
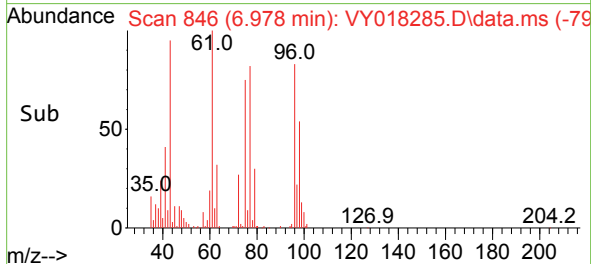
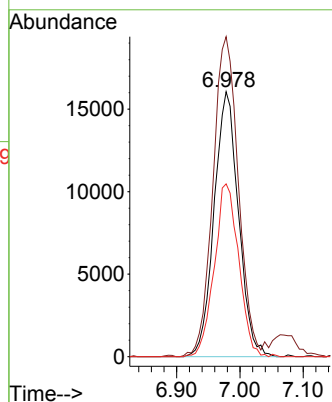
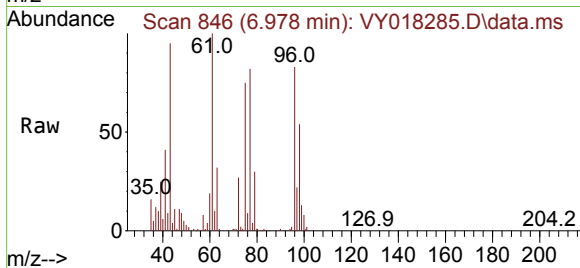




#27
 cis-1,2-Dichloroethene
 Concen: 21.708 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018285.D
 Acq: 16 May 2024 14:07

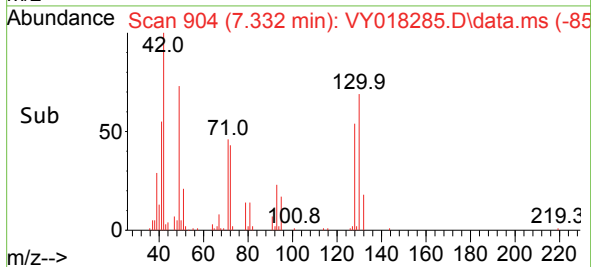
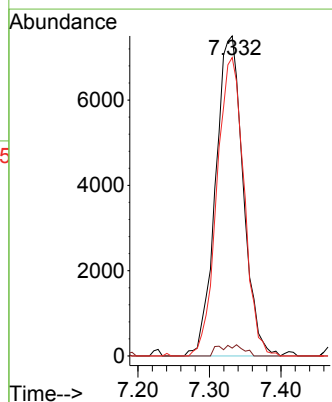
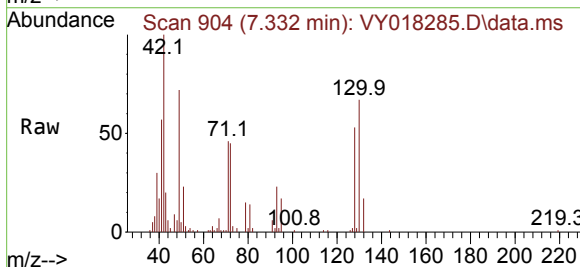
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

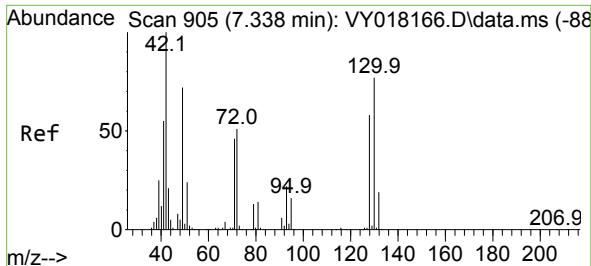
Tgt Ion:	96	Resp:	42959
Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	256.2
98	65.2	0.0	130.0



#28
 Bromochloromethane
 Concen: 19.087 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY018285.D
 Acq: 16 May 2024 14:07

Tgt Ion:	49	Resp:	20031
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	91.7	72.7	109.1





#29

Tetrahydrofuran

Concen: 128.756 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

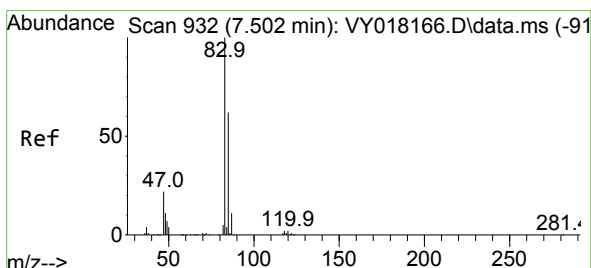
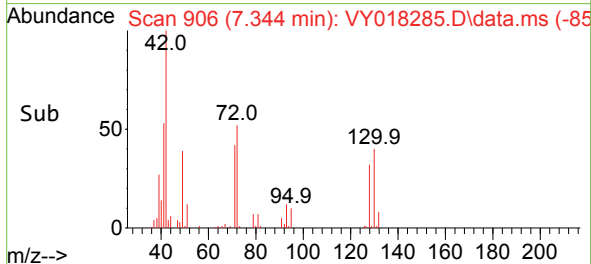
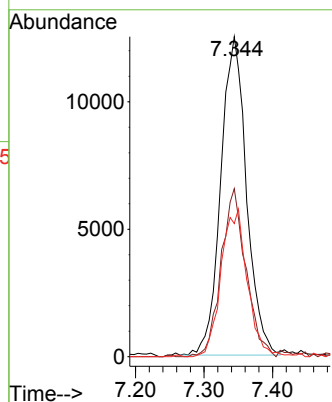
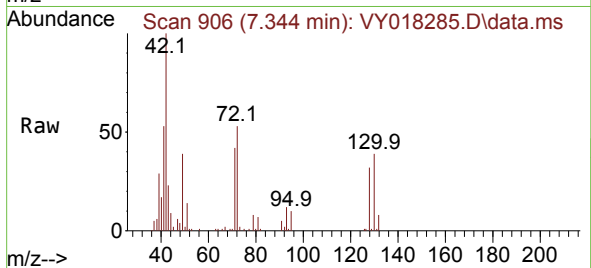
Tgt Ion: 42 Resp: 32580

Ion Ratio Lower Upper

42 100

72 50.8 43.0 64.4

71 47.2 40.8 61.2



#30

Chloroform

Concen: 21.857 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY018285.D

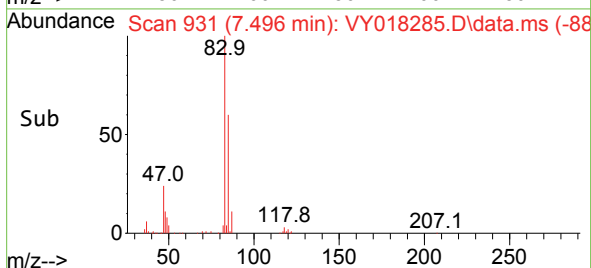
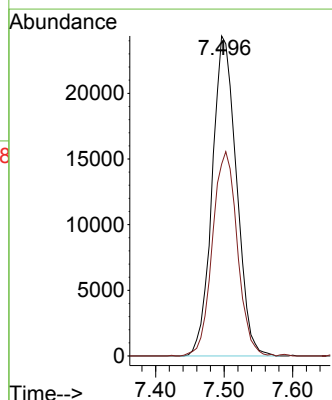
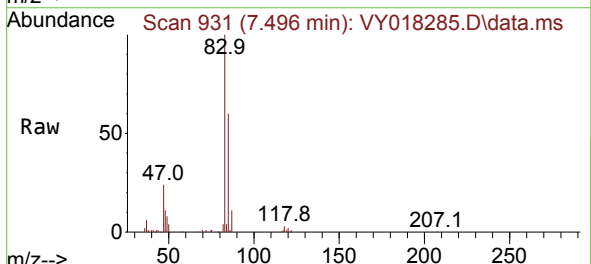
Acq: 16 May 2024 14:07

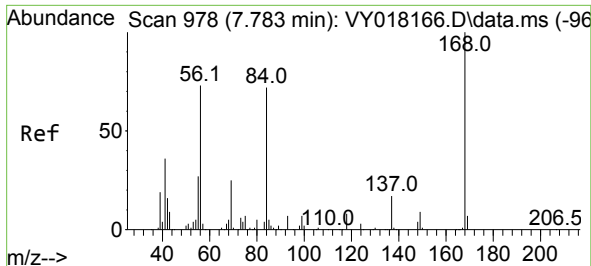
Tgt Ion: 83 Resp: 59914

Ion Ratio Lower Upper

83 100

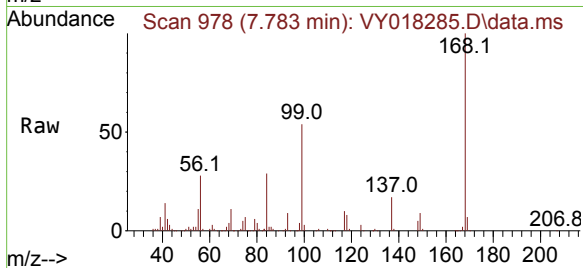
85 60.0 52.2 78.4



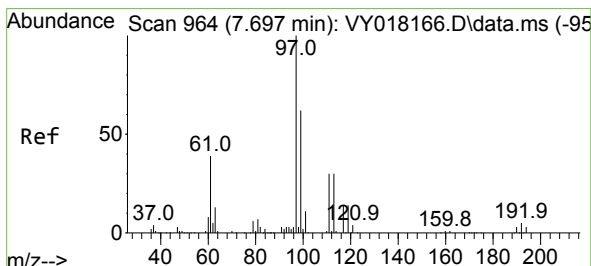
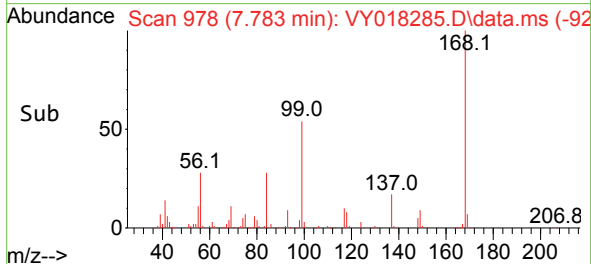
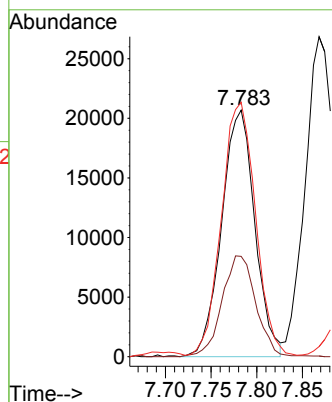


#31
Cyclohexane
Concen: 21.124 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

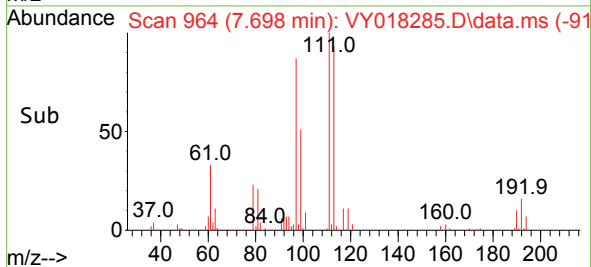
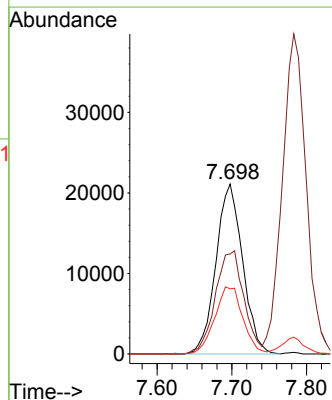
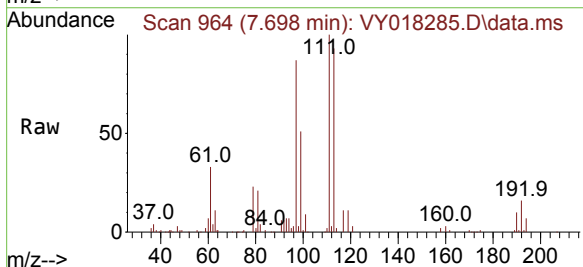


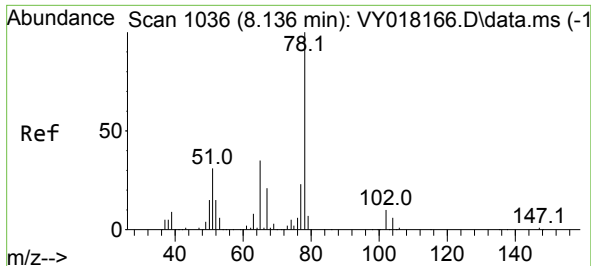
Tgt Ion: 56 Resp: 52293
Ion Ratio Lower Upper
56 100
69 40.7 28.7 43.1
84 102.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.327 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 97 Resp: 52397
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 41.7 32.6 48.8

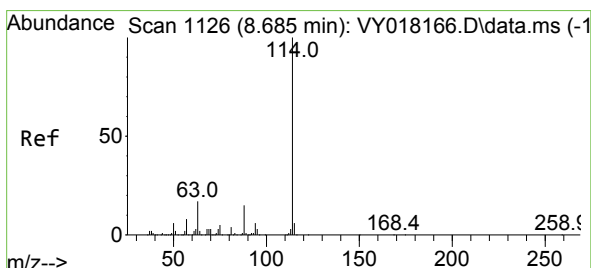
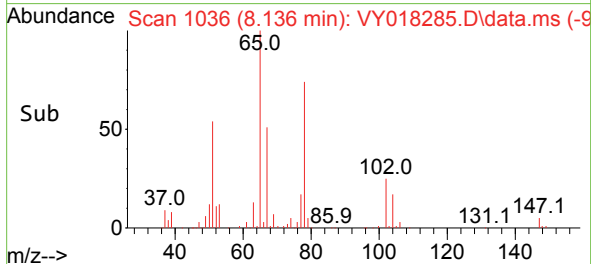
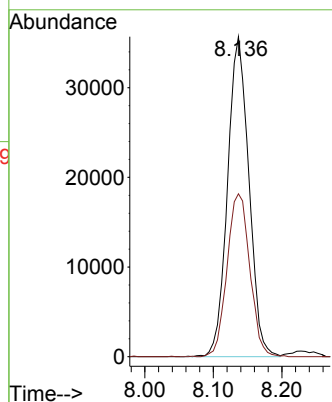
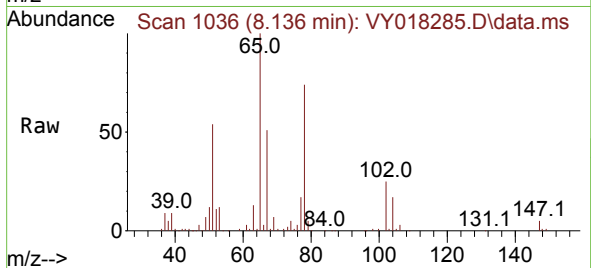




#33
1,2-Dichloroethane-d4
Concen: 64.127 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

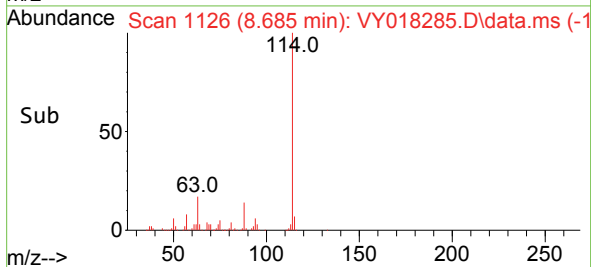
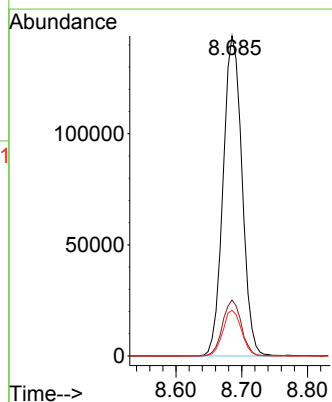
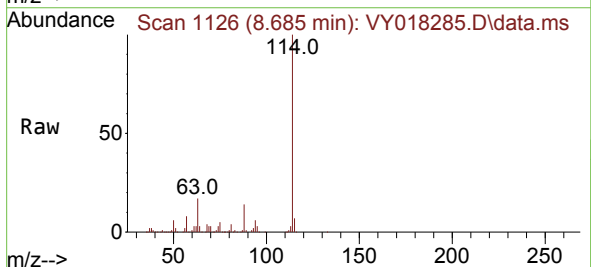
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

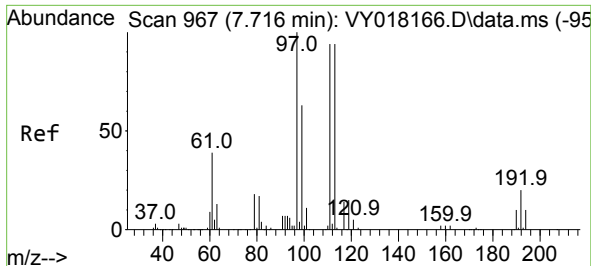
Tgt Ion: 65 Resp: 77062
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 114 Resp: 287843
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 14.3 0.0 27.2

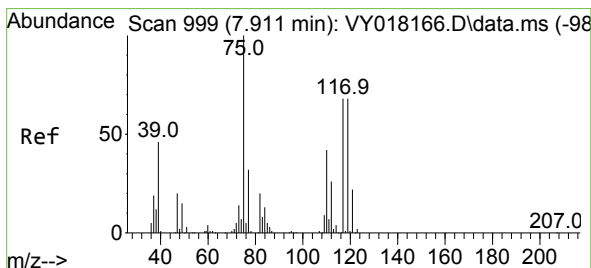
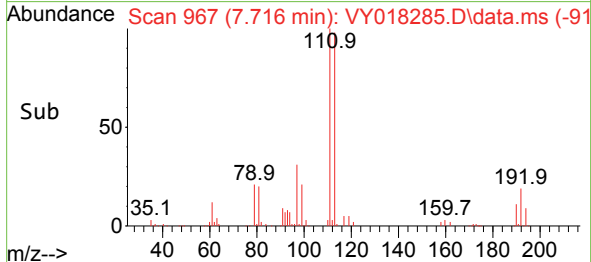
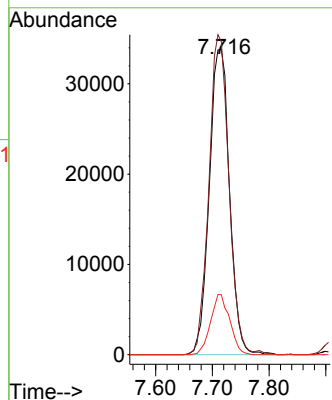
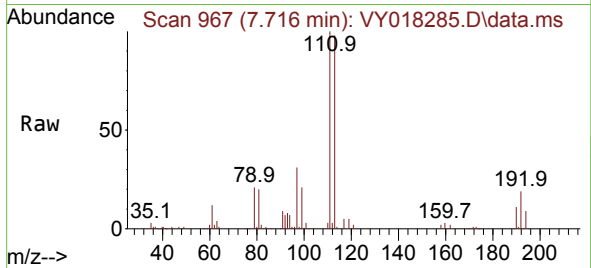




#35
Dibromofluoromethane
Concen: 55.742 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

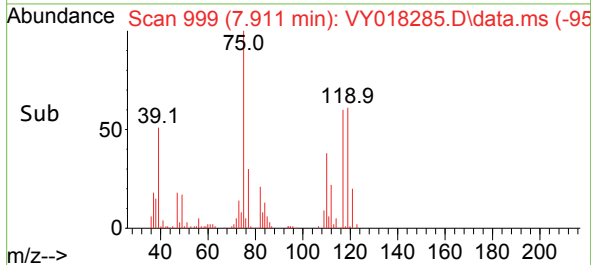
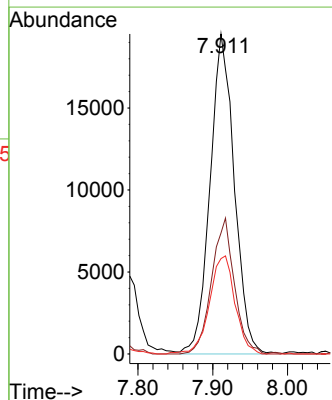
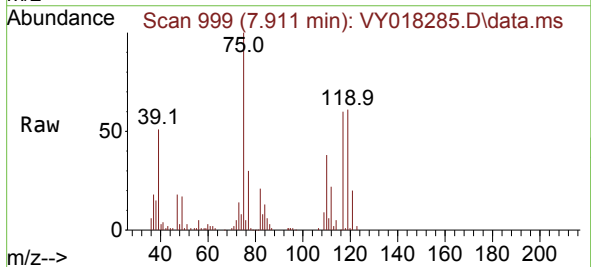
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

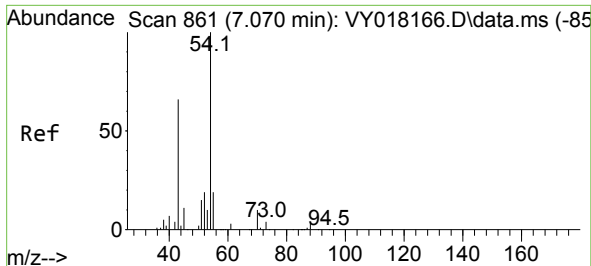
Tgt Ion:113 Resp: 84323
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.309 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 75 Resp: 44043
Ion Ratio Lower Upper
75 100
110 39.9 19.0 57.0
77 32.3 25.3 37.9

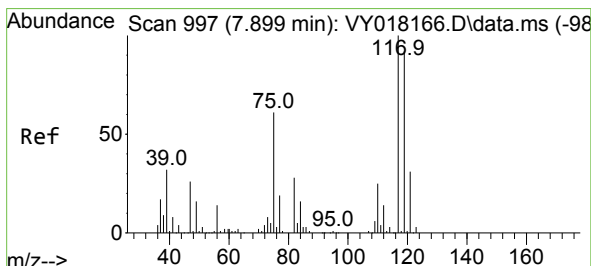
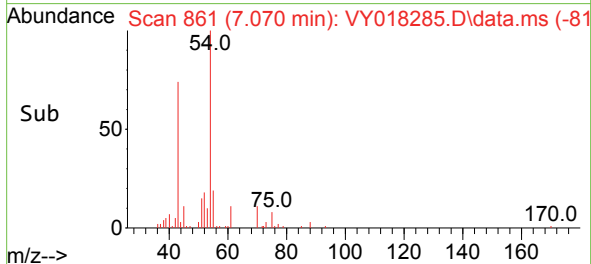
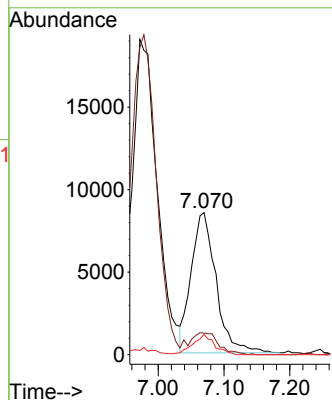
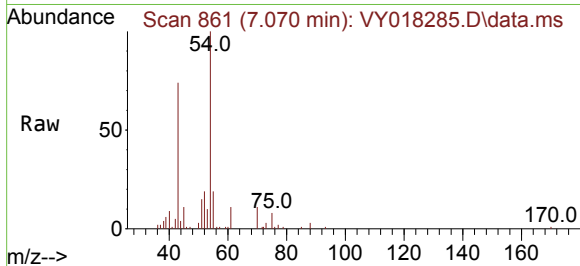




#37
Ethyl Acetate
Concen: 24.532 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

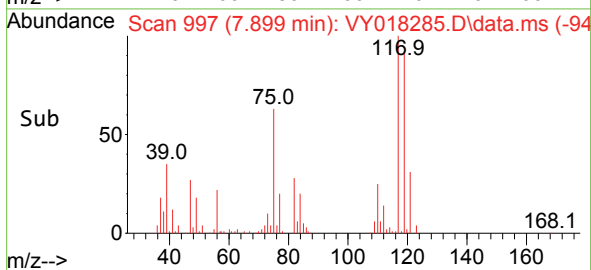
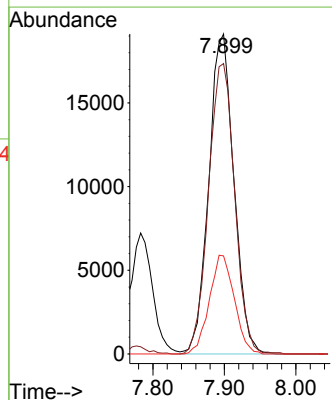
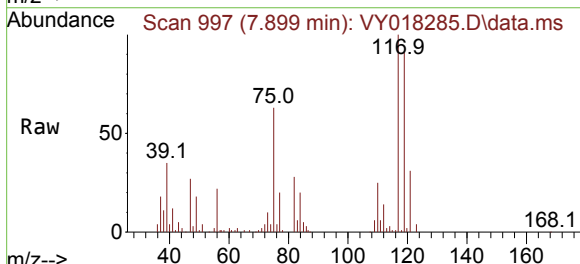
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

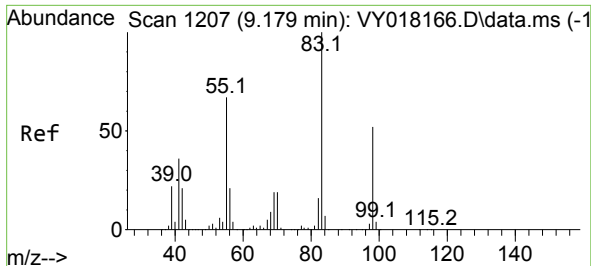
Tgt Ion: 43 Resp: 22392
Ion Ratio Lower Upper
43 100
61 18.5 12.6 19.0
70 12.5 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 19.680 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 117 Resp: 46633
Ion Ratio Lower Upper
117 100
119 90.8 75.8 113.6
121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.750 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

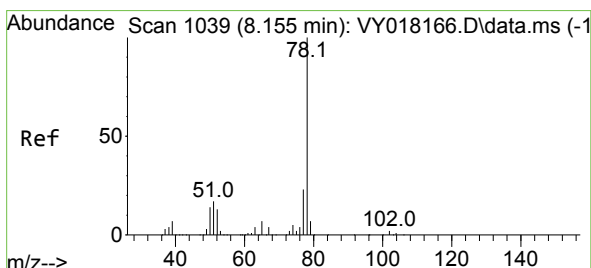
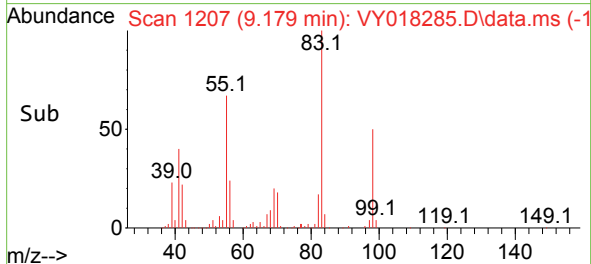
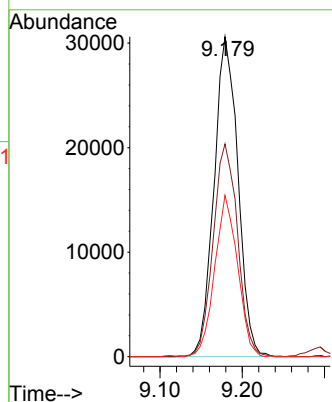
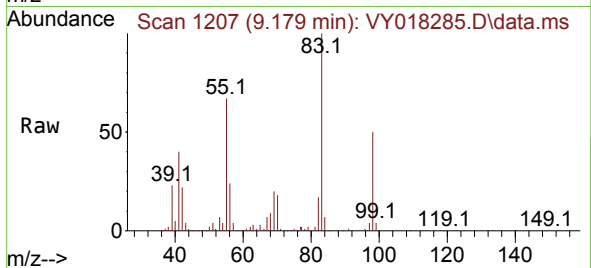
Tgt Ion: 83 Resp: 61790

Ion Ratio Lower Upper

83 100

55 66.3 51.5 77.3

98 50.4 40.5 60.7



#40

Benzene

Concen: 20.414 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018285.D

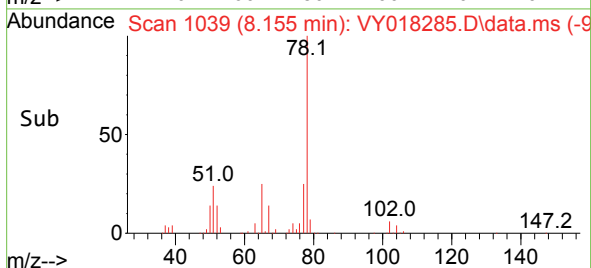
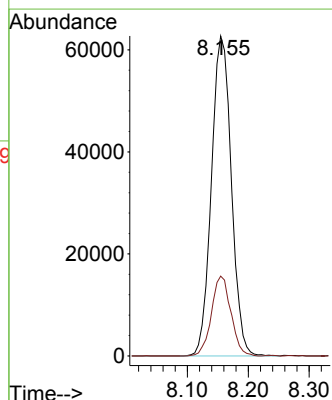
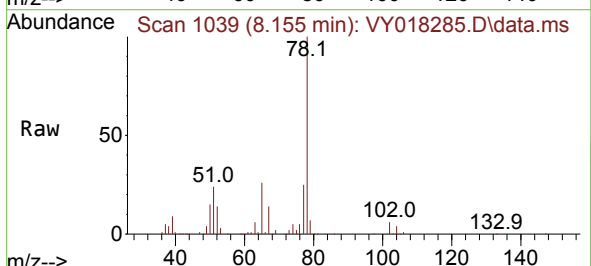
Acq: 16 May 2024 14:07

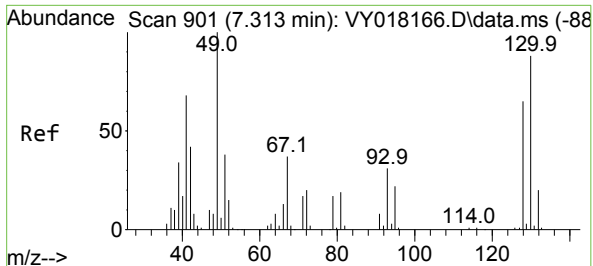
Tgt Ion: 78 Resp: 142400

Ion Ratio Lower Upper

78 100

77 24.9 19.5 29.3

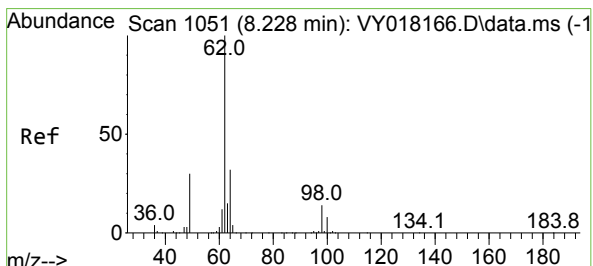
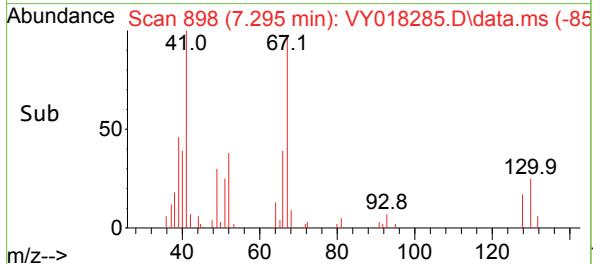
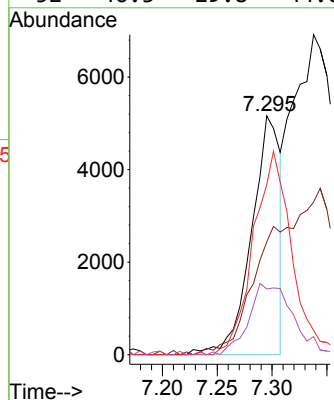
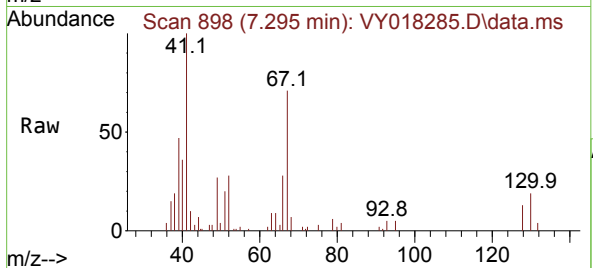




#41
Methacrylonitrile
Concen: 17.906 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

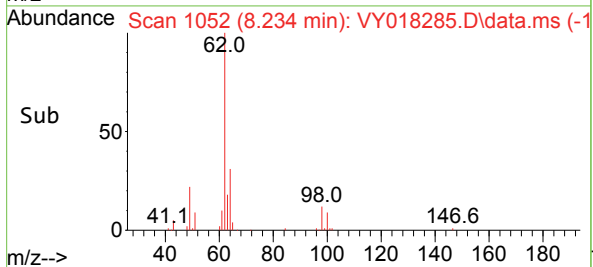
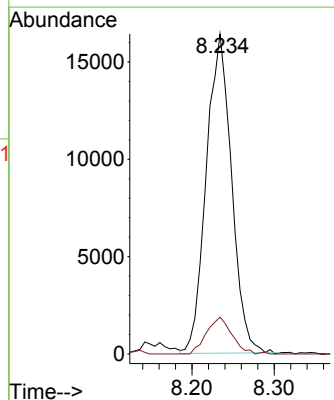
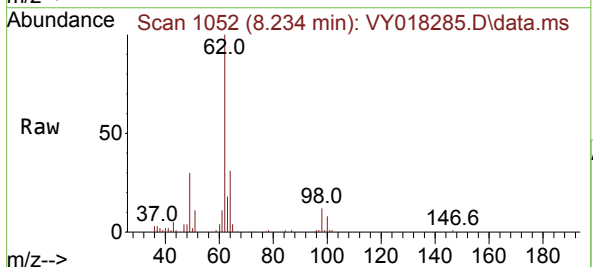
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

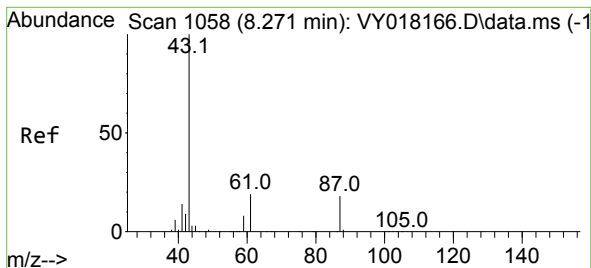
Tgt Ion:	41	Resp:	9438
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	112.9	75.1	112.7#
52	46.3	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 23.061 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion:	62	Resp:	35001
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 23.752 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

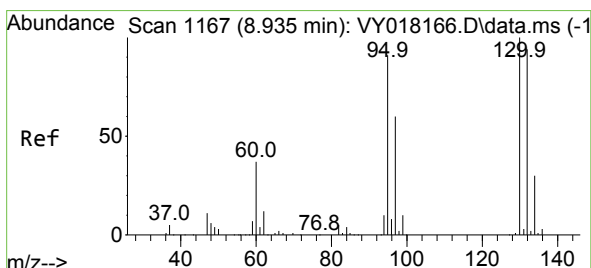
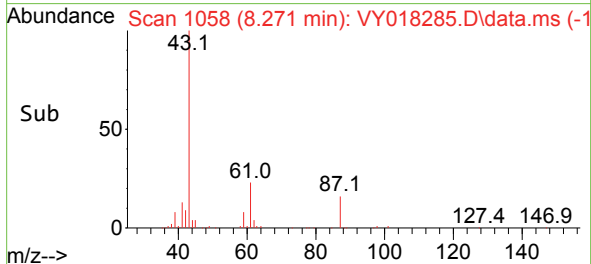
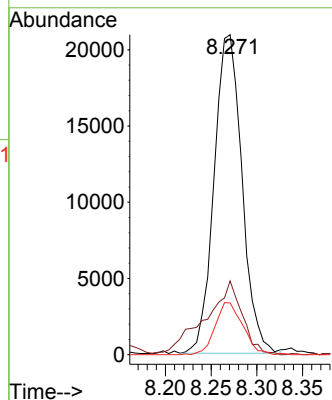
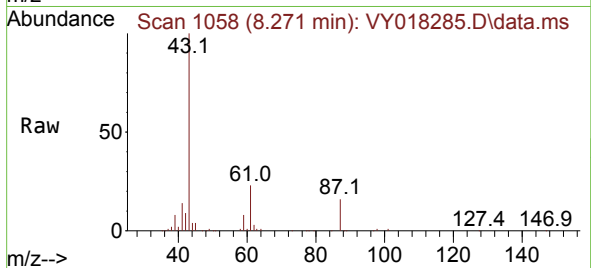
Tgt Ion: 43 Resp: 44438

Ion Ratio Lower Upper

43 100

61 30.8 27.9 41.9

87 16.2 13.1 19.7



#44

Trichloroethene

Concen: 20.355 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018285.D

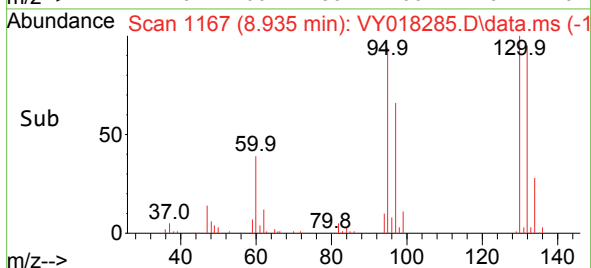
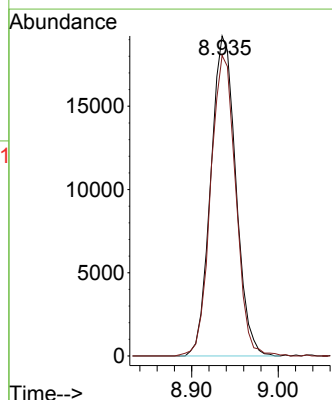
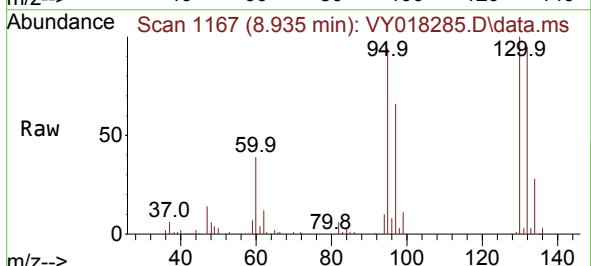
Acq: 16 May 2024 14:07

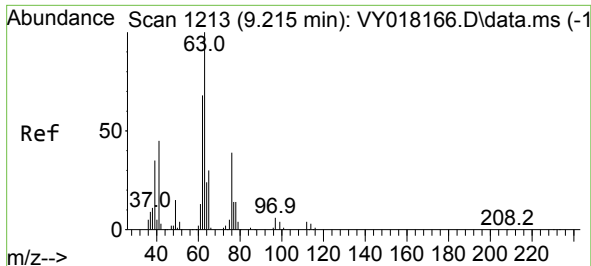
Tgt Ion:130 Resp: 38654

Ion Ratio Lower Upper

130 100

95 93.6 0.0 188.0

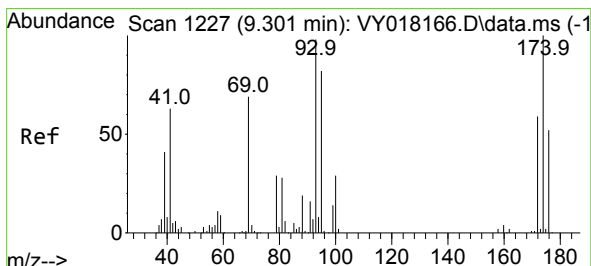
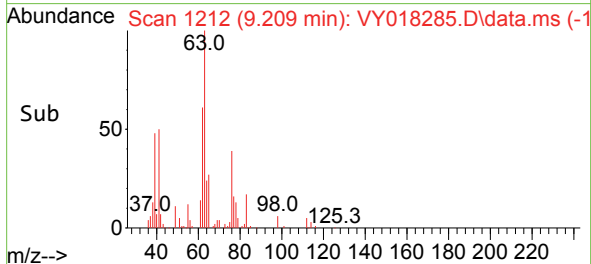
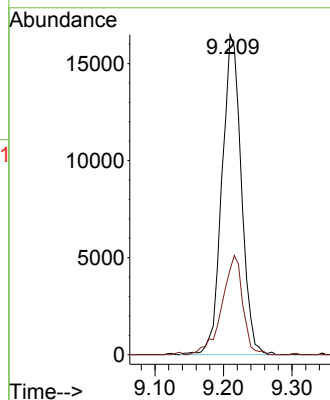
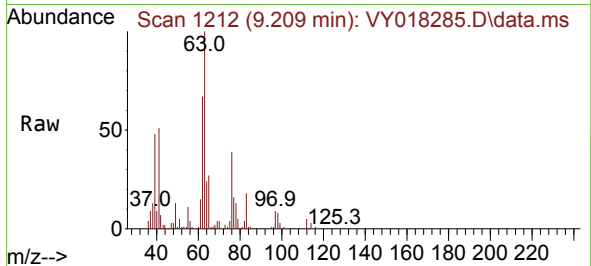




#45
1,2-Dichloropropane
Concen: 21.150 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

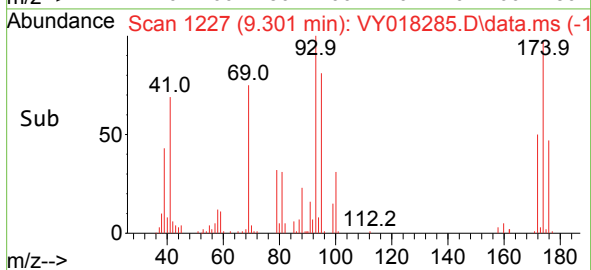
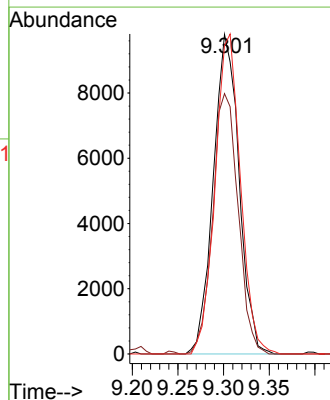
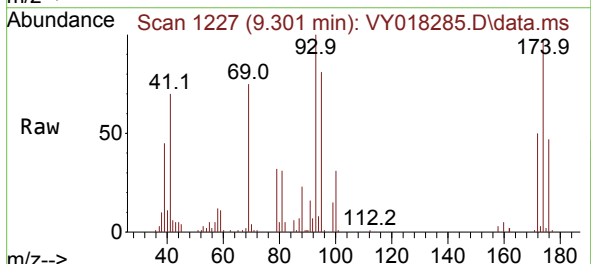
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

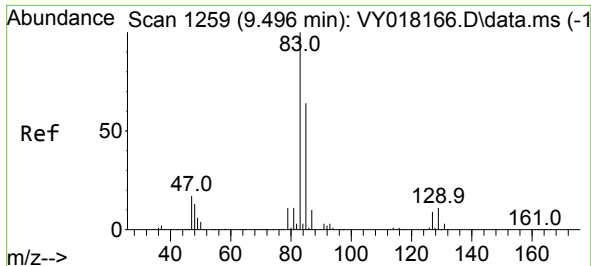
Tgt Ion: 63 Resp: 32255
Ion Ratio Lower Upper
63 100
65 26.7 25.4 38.2



#46
Dibromomethane
Concen: 21.887 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 93 Resp: 19189
Ion Ratio Lower Upper
93 100
95 80.6 66.2 99.4
174 98.6 80.9 121.3

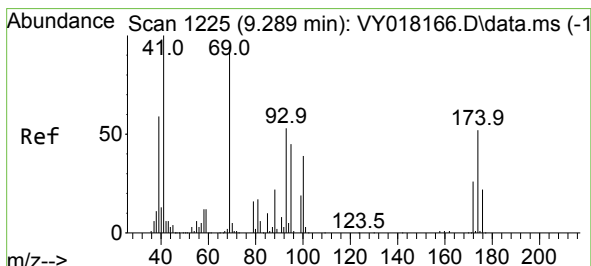
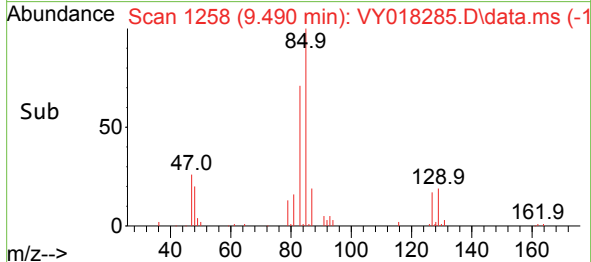
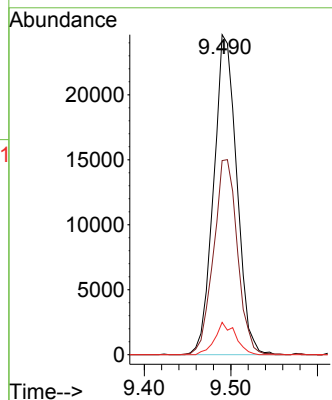
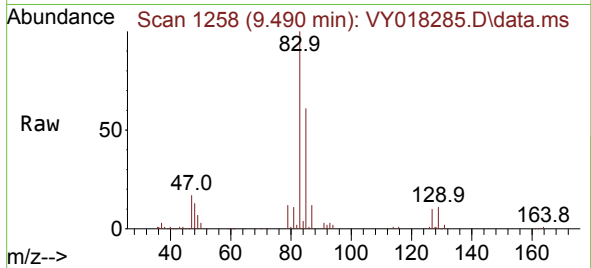




#47
Bromodichloromethane
Concen: 21.026 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

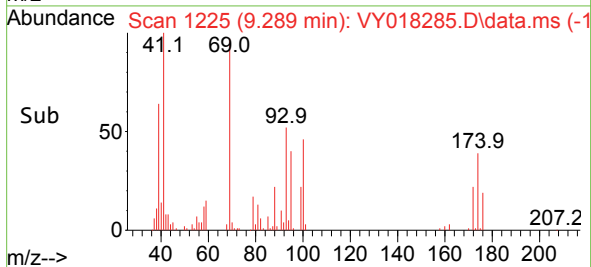
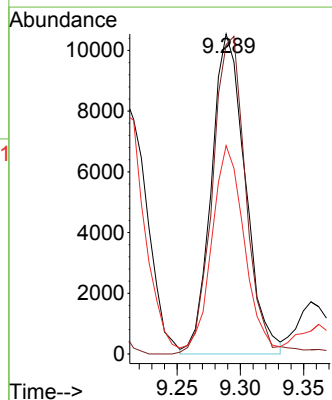
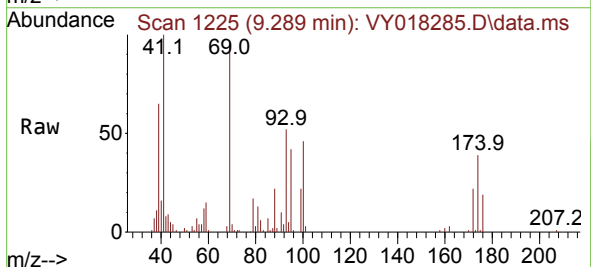
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

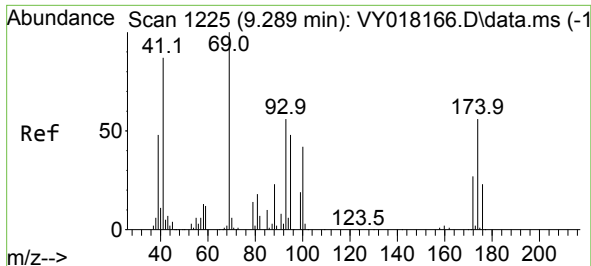
Tgt Ion: 83 Resp: 45573
Ion Ratio Lower Upper
83 100
85 60.7 50.1 75.1
127 10.1 7.4 11.0



#48
Methyl methacrylate
Concen: 22.888 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 41 Resp: 19626
Ion Ratio Lower Upper
41 100
69 97.4 84.1 126.1
39 63.0 43.6 65.4

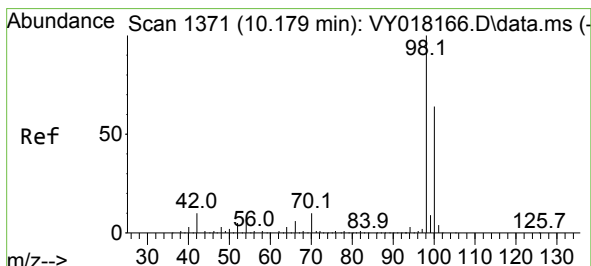
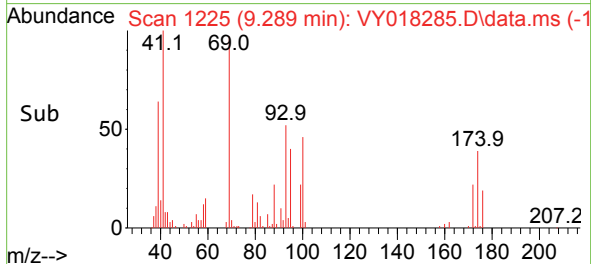
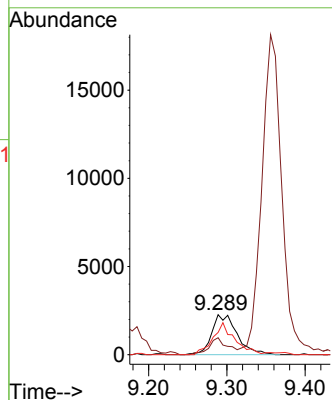
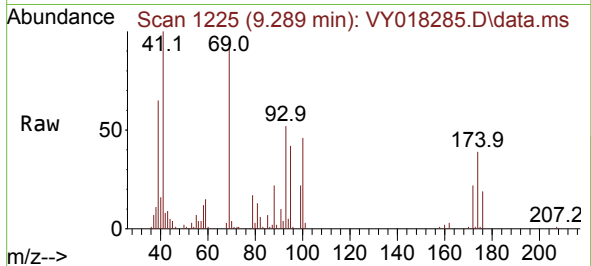




#49
1,4-Dioxane
Concen: 438.670 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

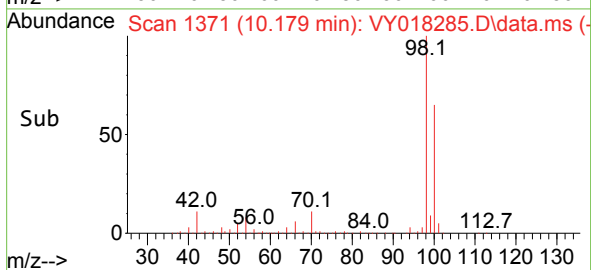
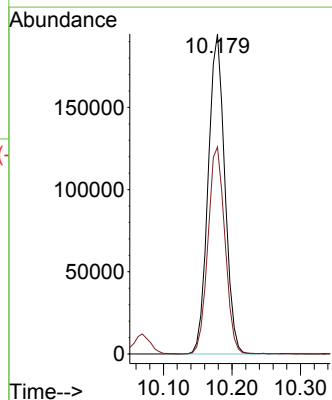
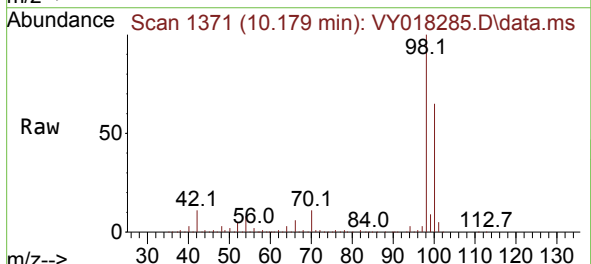
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

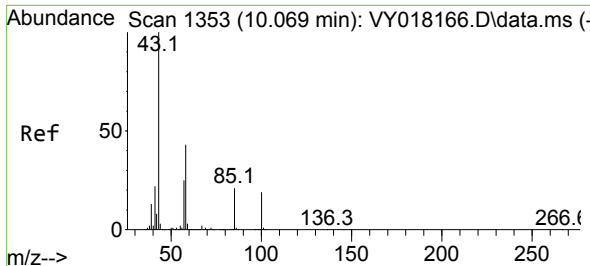
Tgt Ion: 88 Resp: 5105
Ion Ratio Lower Upper
88 100
43 30.8 0.0 0.0#
58 69.4 49.3 73.9



#50
Toluene-d8
Concen: 55.156 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 98 Resp: 328793
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

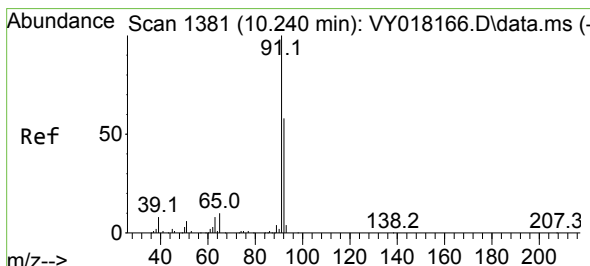
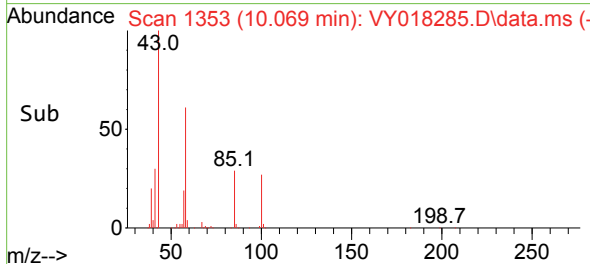
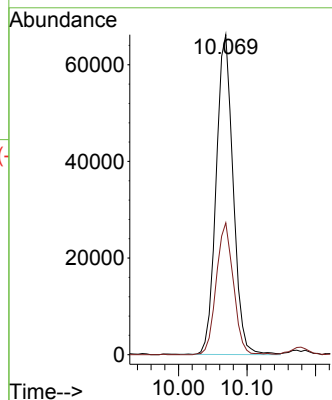
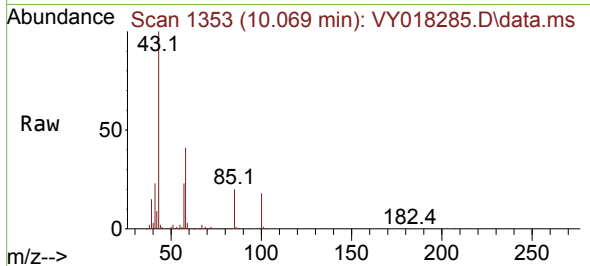




#51
4-Methyl-2-Pentanone
Concen: 120.879 ug/l
RT: 10.069 min Scan# 113666
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

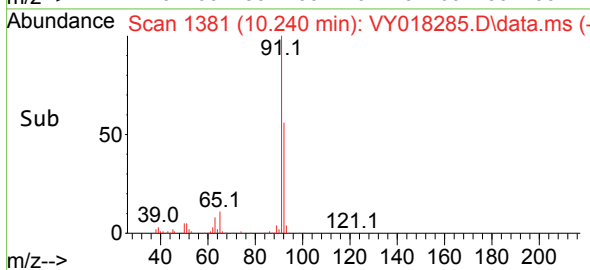
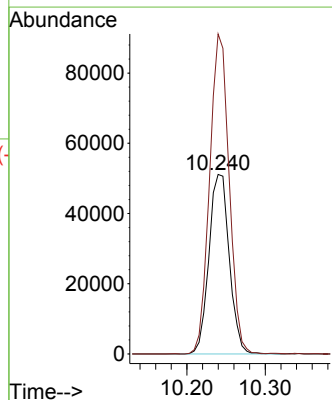
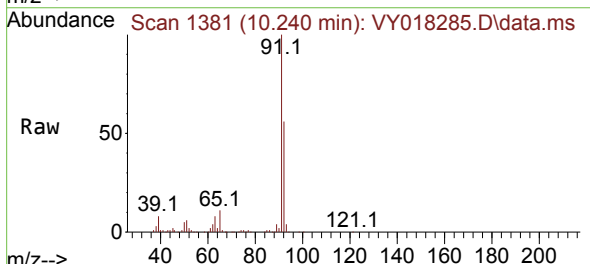
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

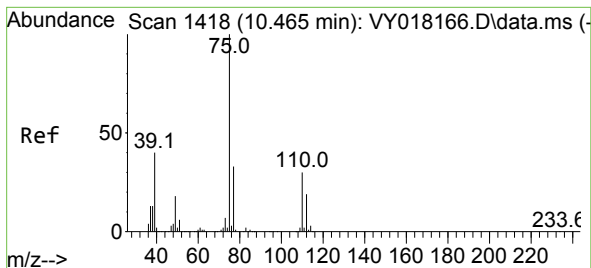
Tgt Ion: 43 Resp: 113666
Ion Ratio Lower Upper
43 100
58 41.8 35.7 53.5



#52
Toluene
Concen: 20.537 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 92 Resp: 92227
Ion Ratio Lower Upper
92 100
91 170.8 139.0 208.6

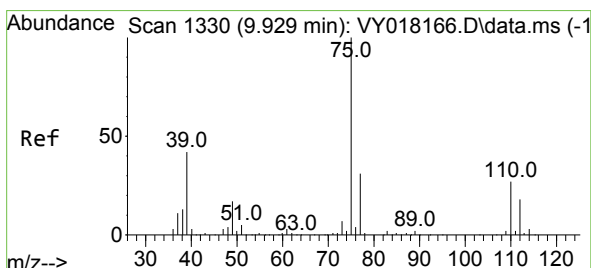
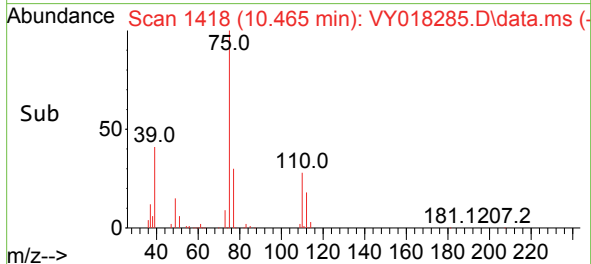
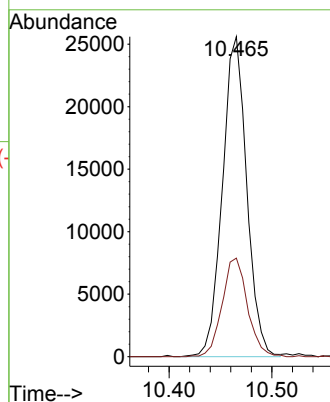
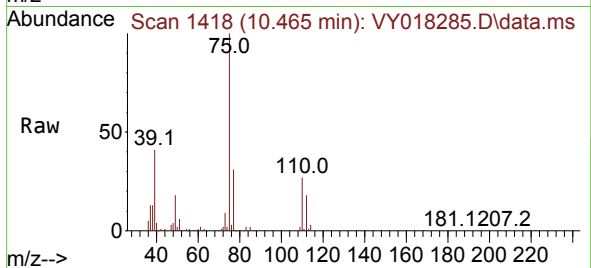




#53
t-1,3-Dichloropropene
Concen: 20.751 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

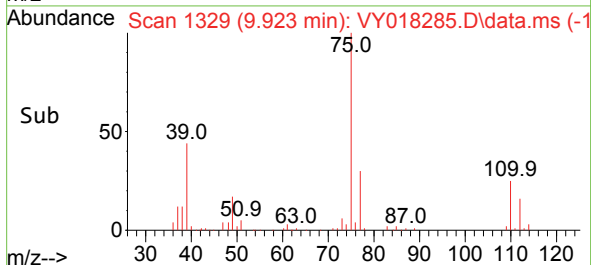
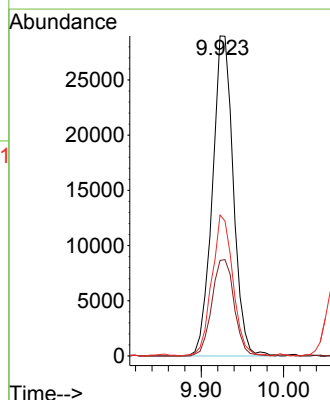
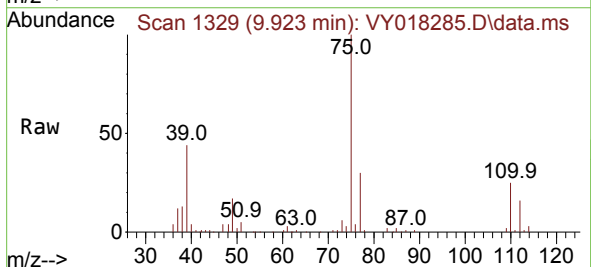
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

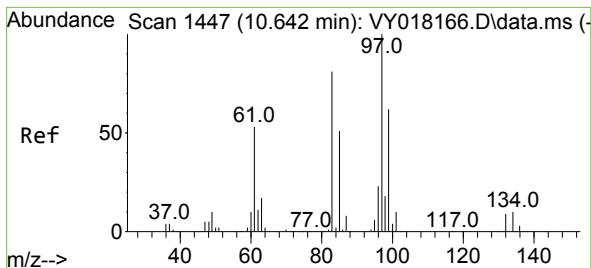
Tgt Ion: 75 Resp: 42010
Ion Ratio Lower Upper
75 100
77 30.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.708 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 75 Resp: 51246
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0
39 44.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.834 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

Tgt Ion: 97 Resp: 26297

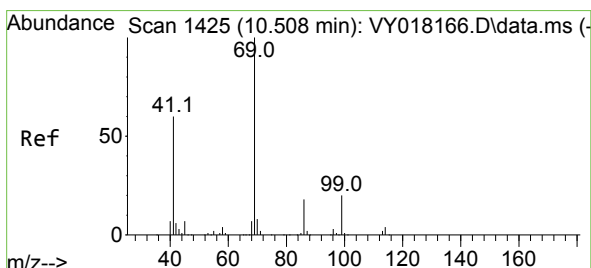
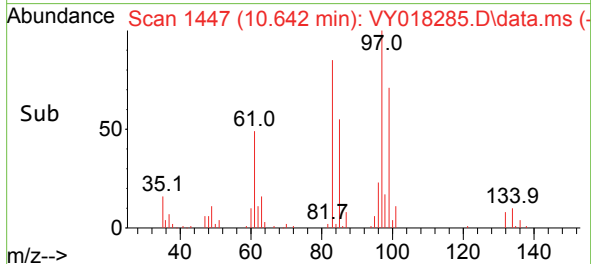
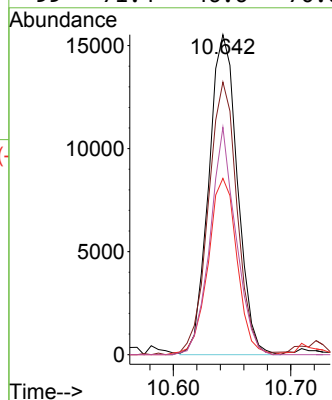
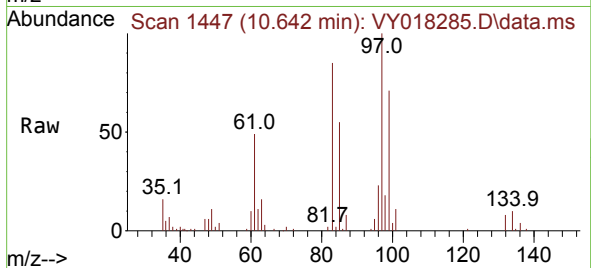
Ion Ratio Lower Upper

97 100

83 84.8 67.5 101.3

85 54.8 42.9 64.3

99 71.4 46.6 70.0#



#56

Ethyl methacrylate

Concen: 21.973 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

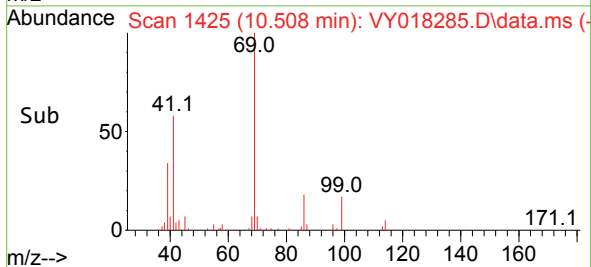
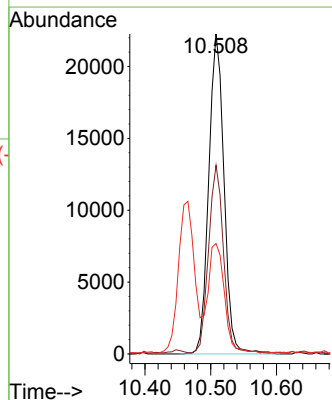
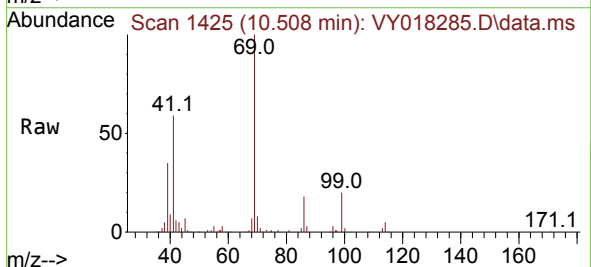
Tgt Ion: 69 Resp: 35942

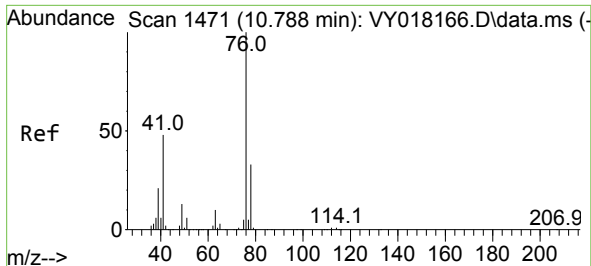
Ion Ratio Lower Upper

69 100

41 57.4 42.3 63.5

39 37.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.166 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

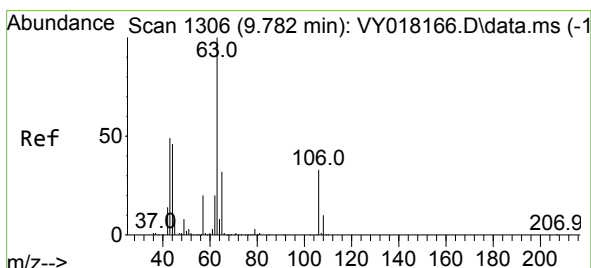
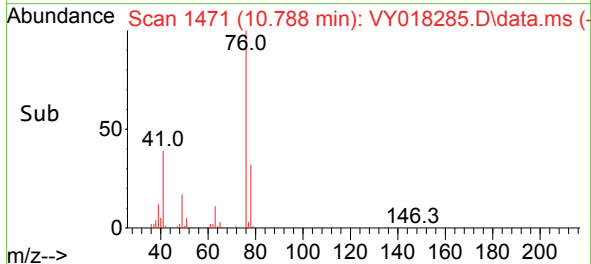
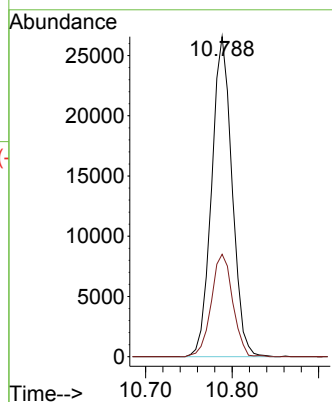
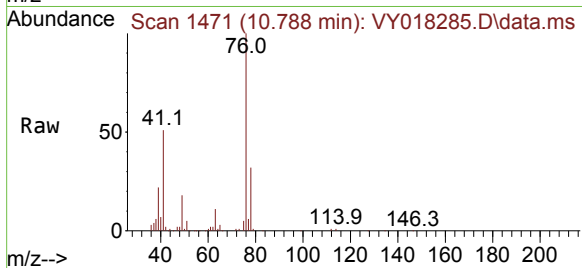
VY0516SBS01

Tgt Ion: 76 Resp: 43448

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.184 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018285.D

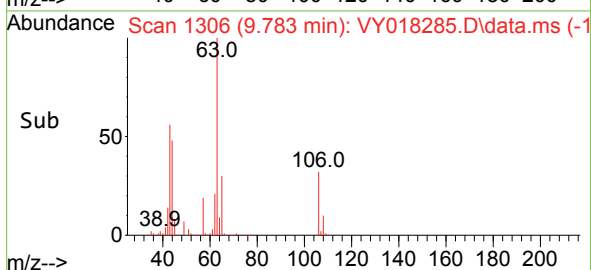
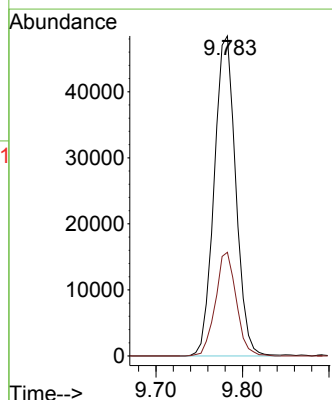
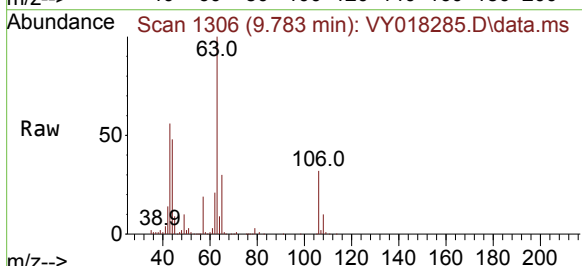
Acq: 16 May 2024 14:07

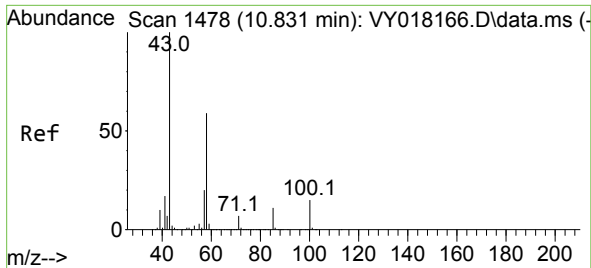
Tgt Ion: 63 Resp: 83717

Ion Ratio Lower Upper

63 100

106 31.4 23.7 35.5

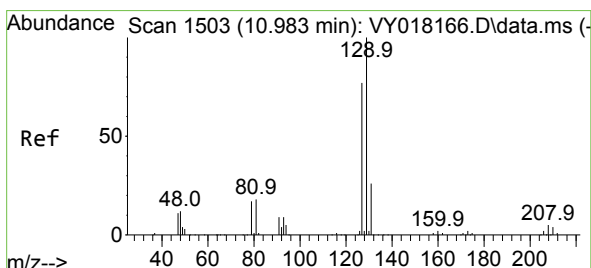
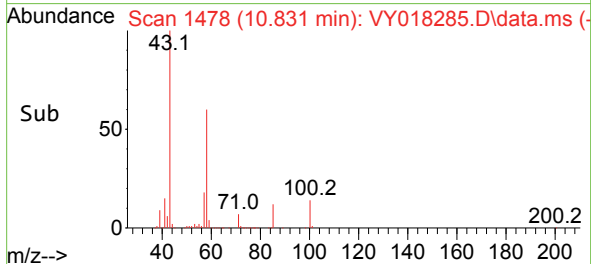
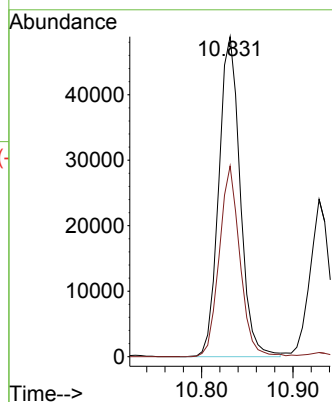
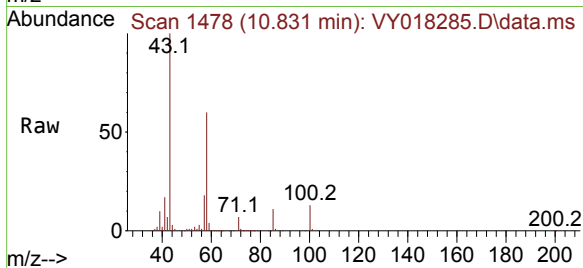




#59
2-Hexanone
Concen: 120.692 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

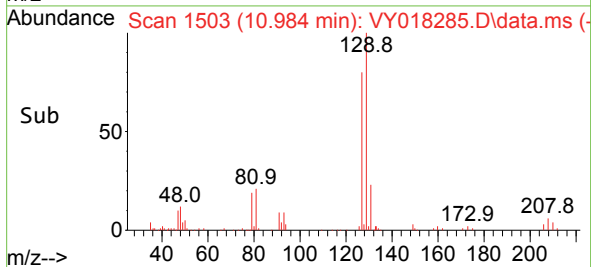
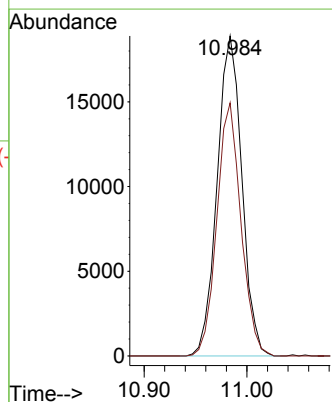
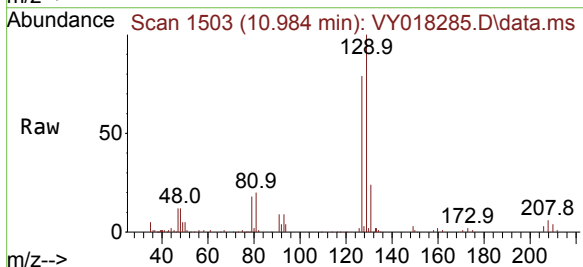
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

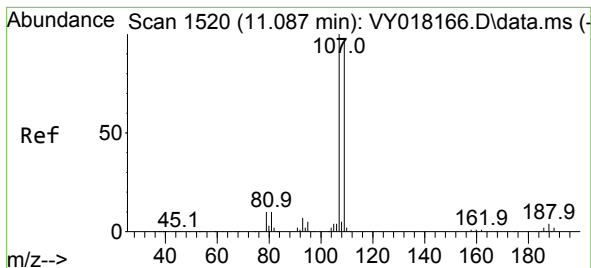
Tgt Ion: 43 Resp: 79353
Ion Ratio Lower Upper
43 100
58 57.8 31.4 94.0



#60
Dibromochloromethane
Concen: 20.183 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 129 Resp: 31538
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

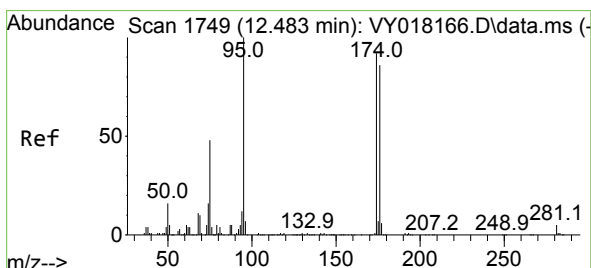
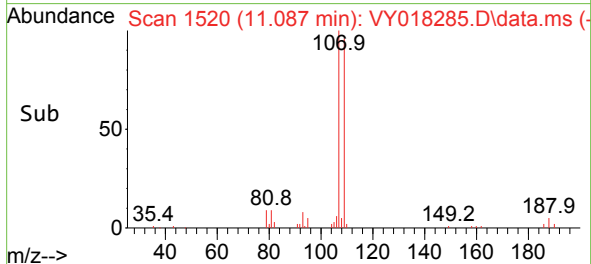
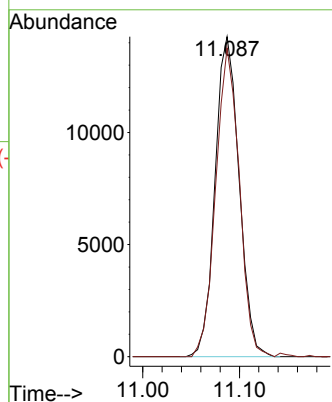
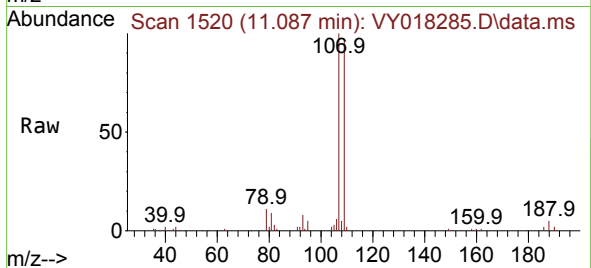




#61
1,2-Dibromoethane
Concen: 21.682 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

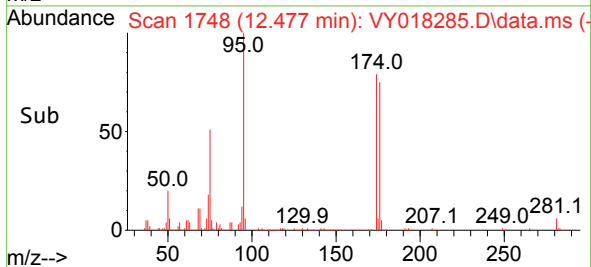
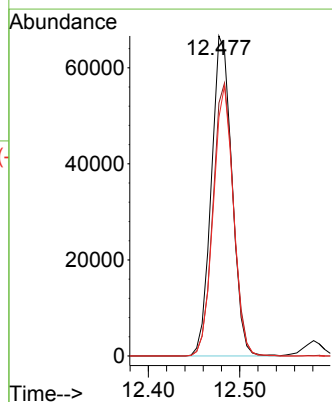
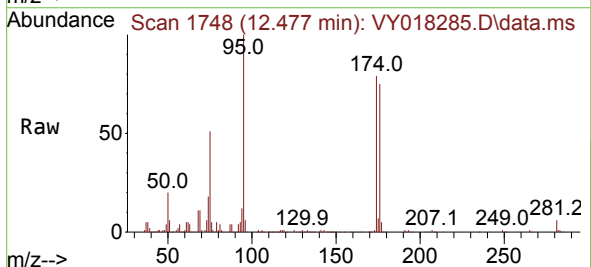
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

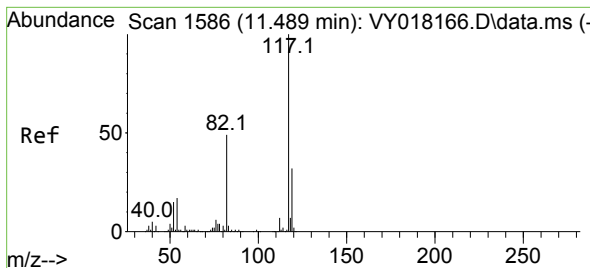
Tgt Ion:107 Resp: 24596
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 54.193 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 95 Resp: 104328
Ion Ratio Lower Upper
95 100
174 85.0 0.0 175.6
176 82.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

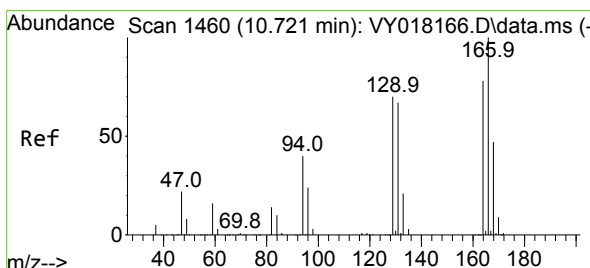
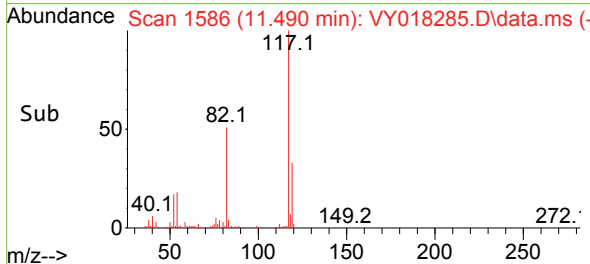
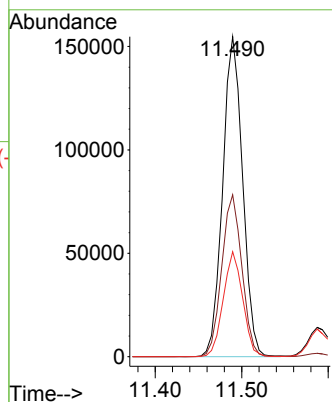
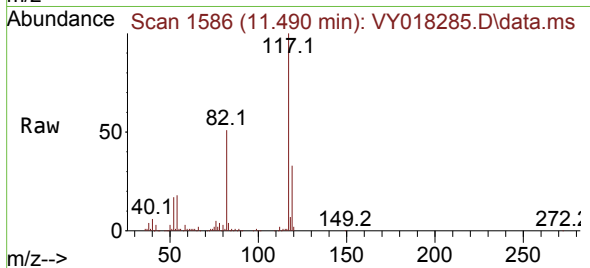
Tgt Ion:117 Resp: 247738

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 32.8 25.9 38.9



#64

Tetrachloroethene

Concen: 21.299 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Tgt Ion:164 Resp: 35132

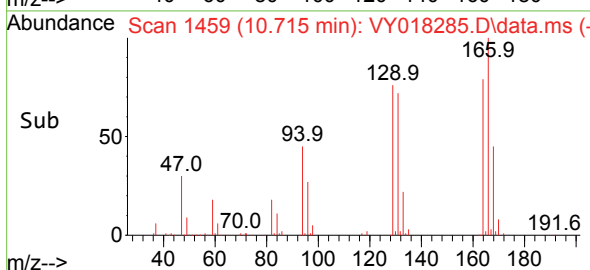
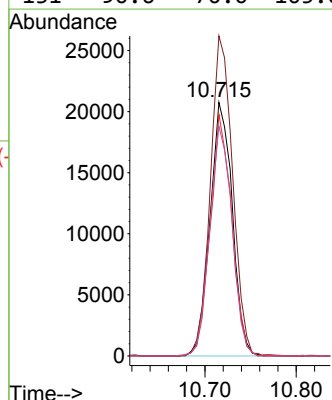
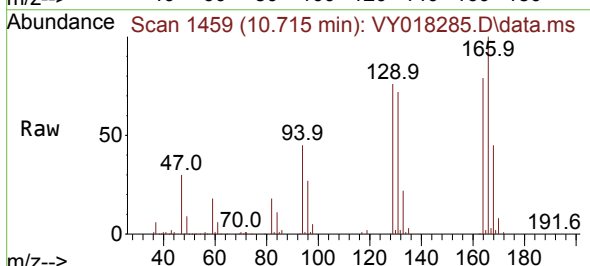
Ion Ratio Lower Upper

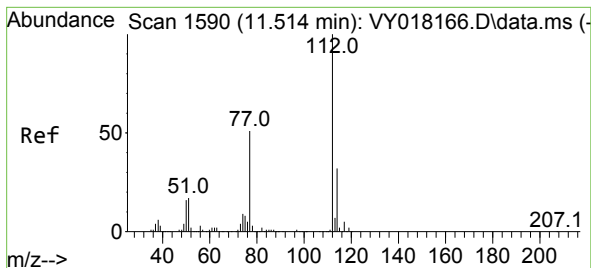
164 100

166 126.2 102.6 154.0

129 95.3 72.0 108.0

131 90.6 70.0 105.0





#65

Chlorobenzene

Concen: 20.185 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

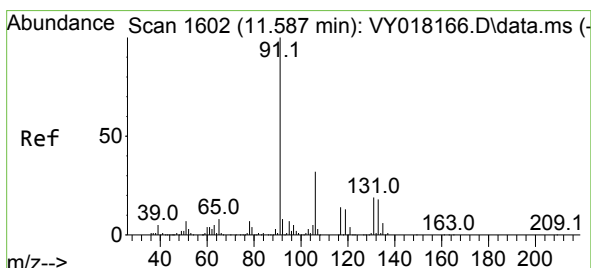
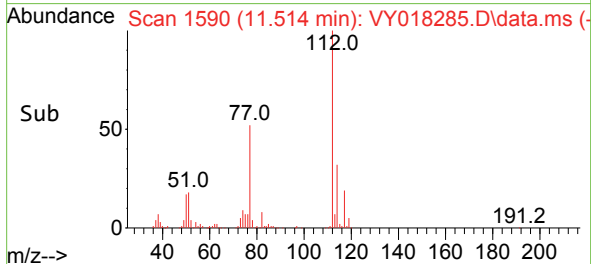
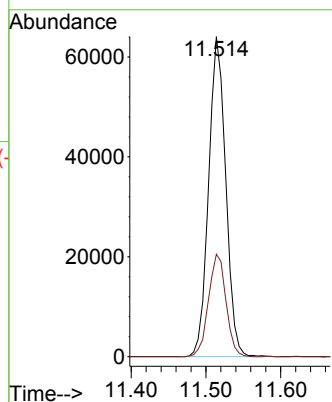
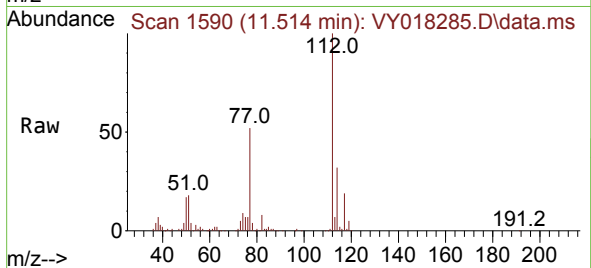
VY0516SBSD01

Tgt Ion:112 Resp: 101846

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.865 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

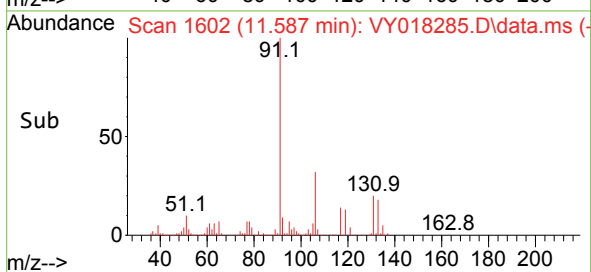
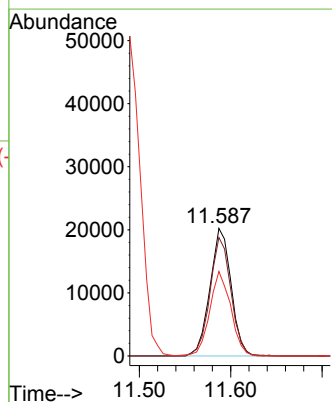
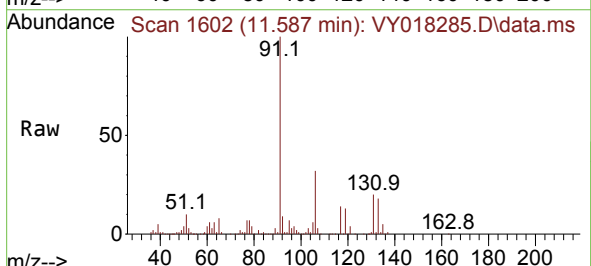
Tgt Ion:131 Resp: 32422

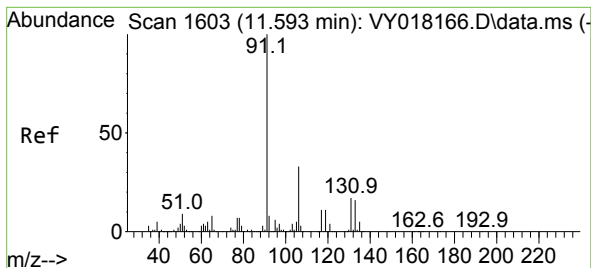
Ion Ratio Lower Upper

131 100

133 92.4 47.8 143.3

119 66.0 34.1 102.2

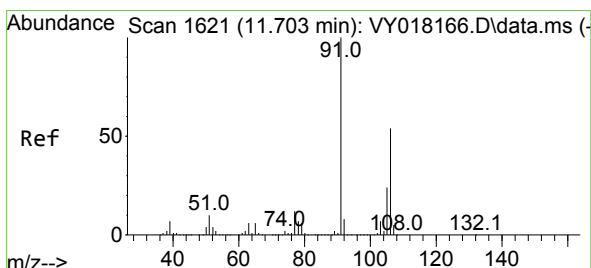
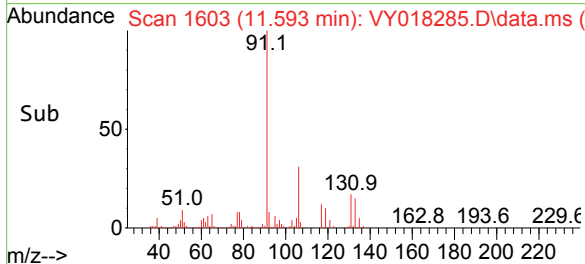
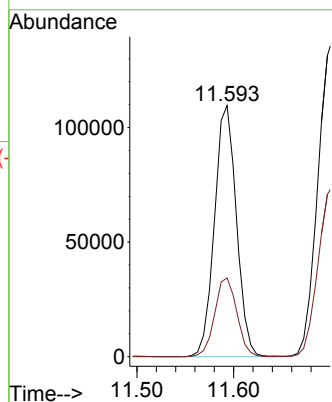
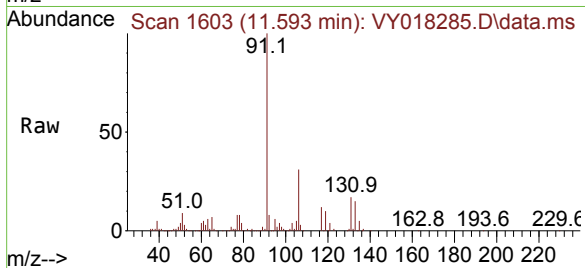




#67
Ethyl Benzene
Concen: 20.232 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

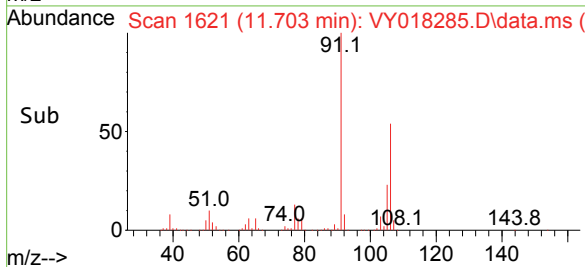
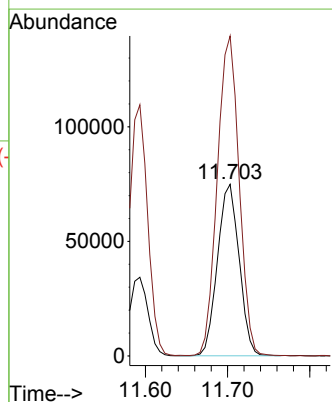
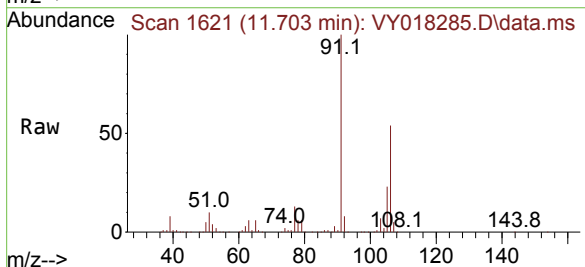
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

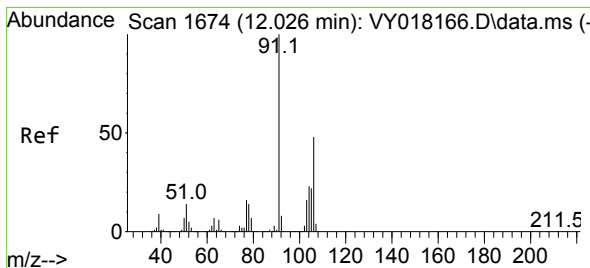
Tgt Ion: 91 Resp: 172357
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7



#68
m/p-Xylenes
Concen: 40.793 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion:106 Resp: 137431
Ion Ratio Lower Upper
106 100
91 188.1 156.0 234.0

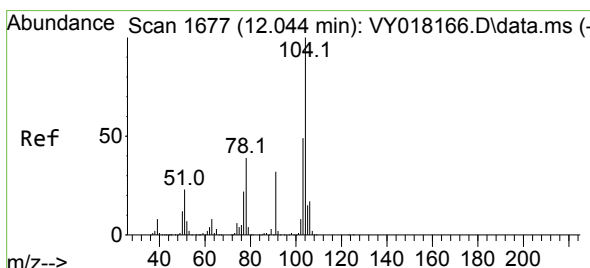
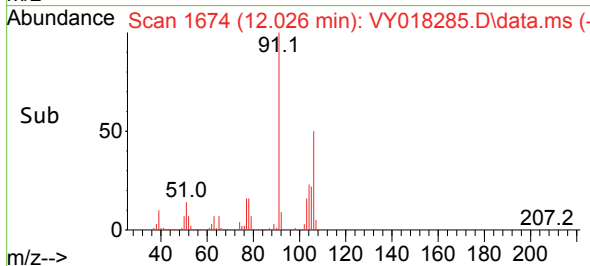
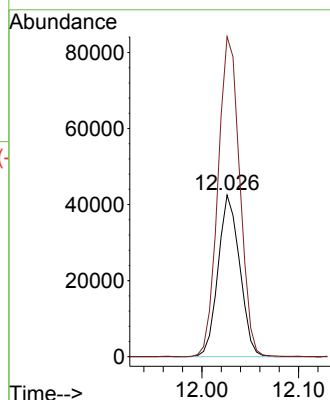
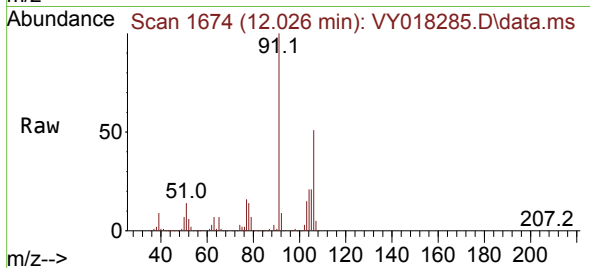




#69
o-Xylene
Concen: 20.371 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

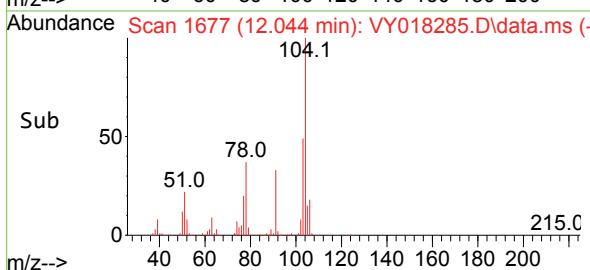
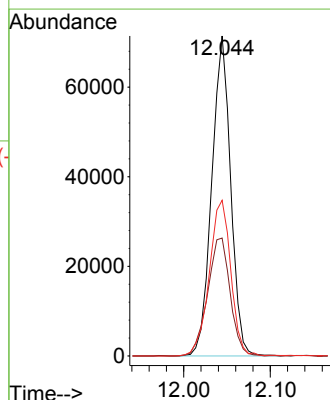
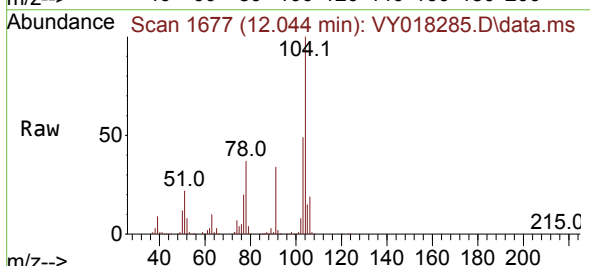
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

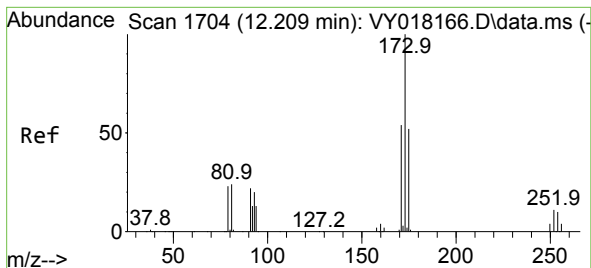
Tgt Ion:106 Resp: 65860
Ion Ratio Lower Upper
106 100
91 199.8 103.6 310.8



#70
Styrene
Concen: 20.046 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion:104 Resp: 108233
Ion Ratio Lower Upper
104 100
78 44.1 37.0 55.4
103 55.5 44.2 66.2





#71

Bromoform

Concen: 20.485 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

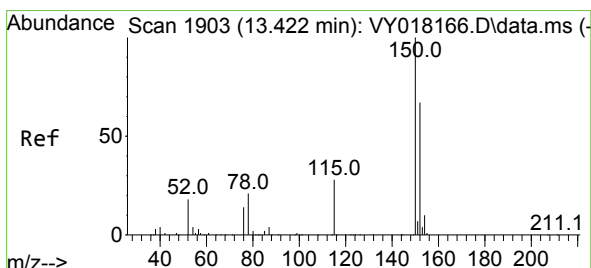
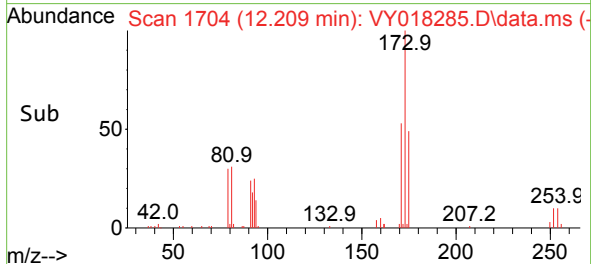
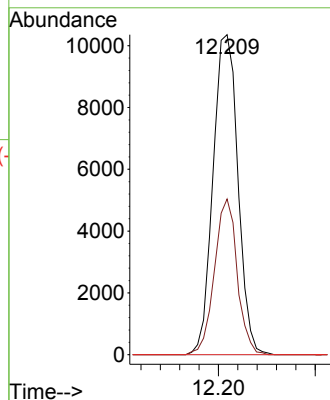
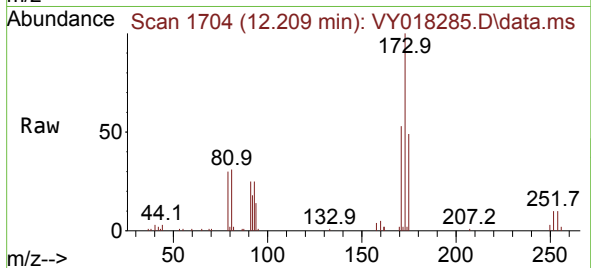
Tgt Ion:173 Resp: 18499

Ion Ratio Lower Upper

173 100

175 44.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

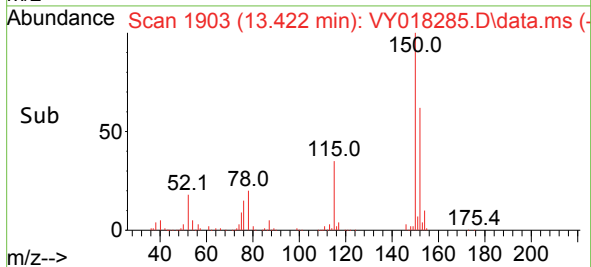
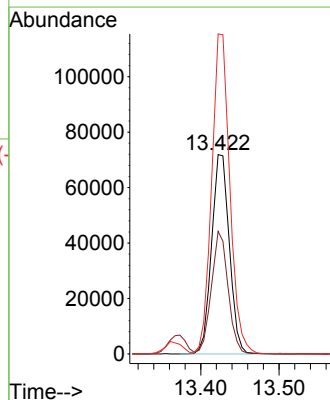
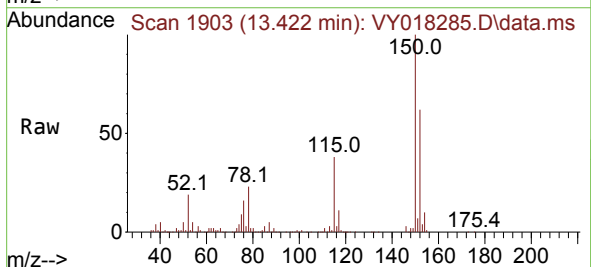
Tgt Ion:152 Resp: 112920

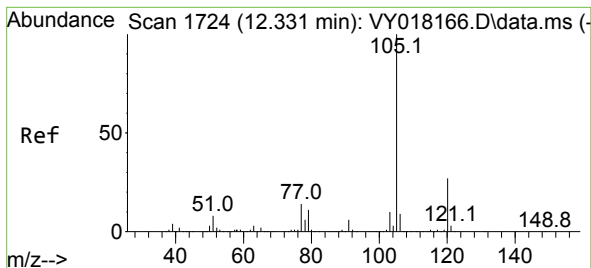
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 164.3 0.0 345.6





#73

Isopropylbenzene

Concen: 19.297 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

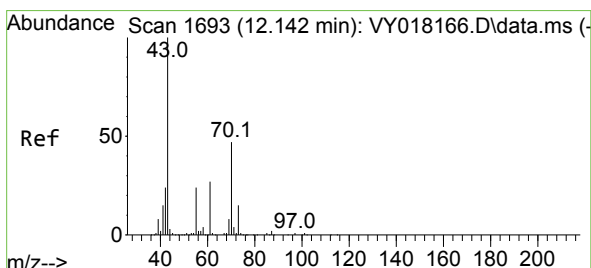
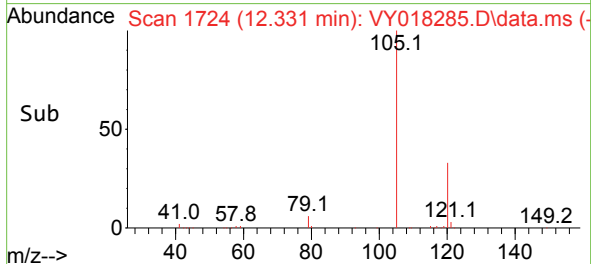
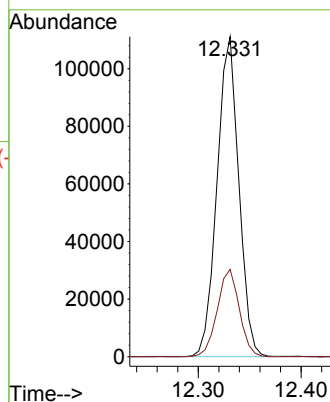
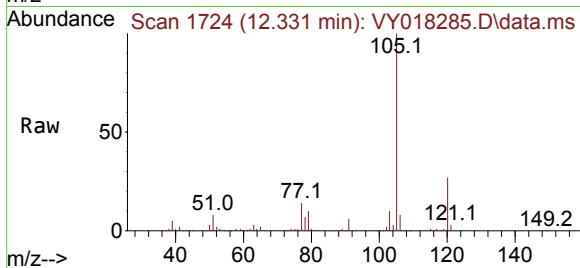
VY0516SBSD01

Tgt Ion:105 Resp: 163374

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 22.280 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Tgt Ion: 43 Resp: 39157

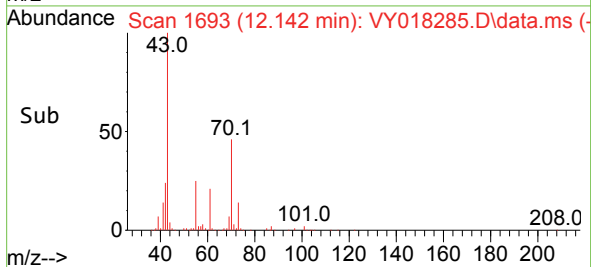
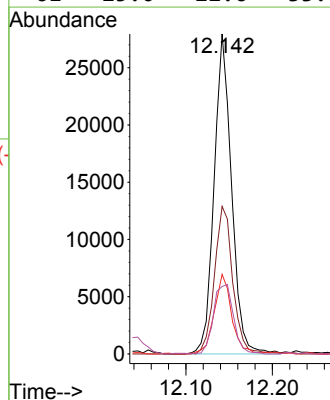
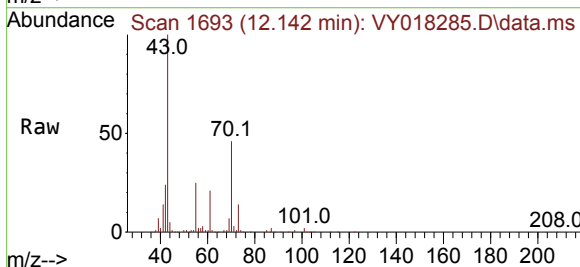
Ion Ratio Lower Upper

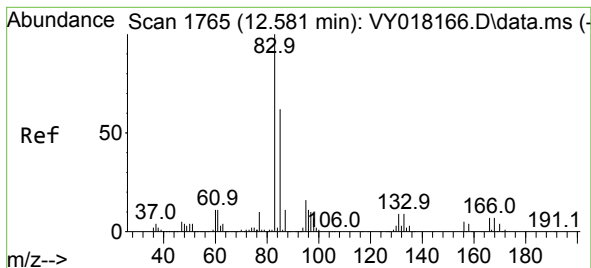
43 100

70 48.5 41.4 62.2

55 24.9 23.3 34.9

61 25.0 22.6 33.8

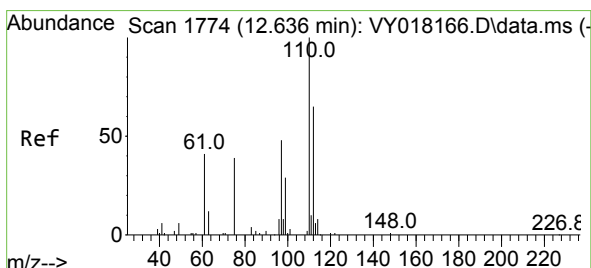
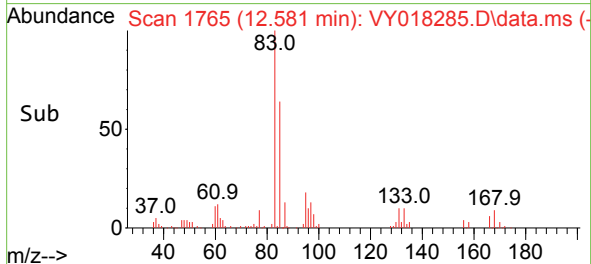
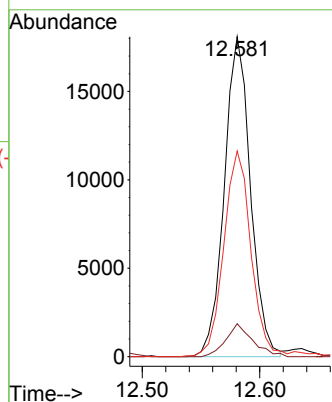
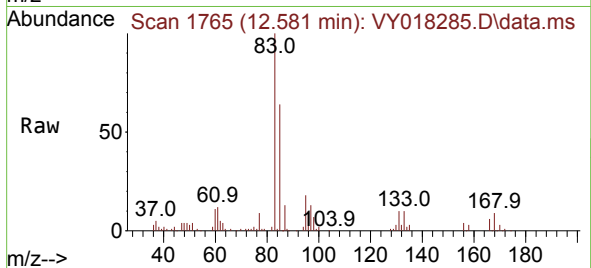




#75
1,1,2,2-Tetrachloroethane
Concen: 20.719 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

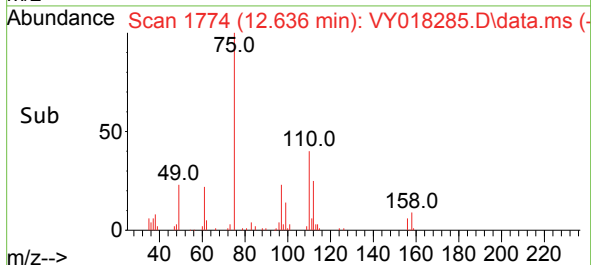
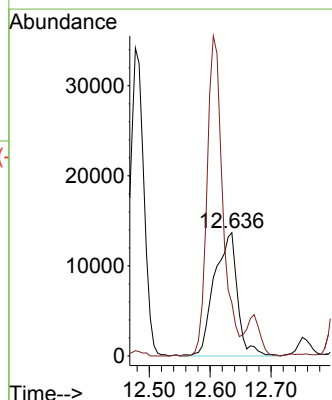
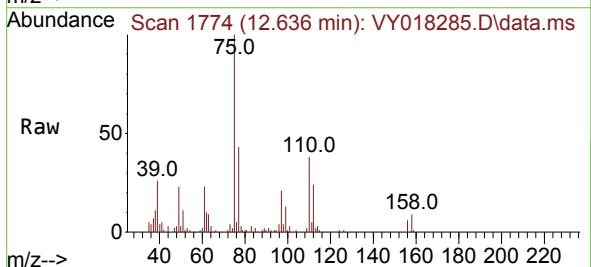
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

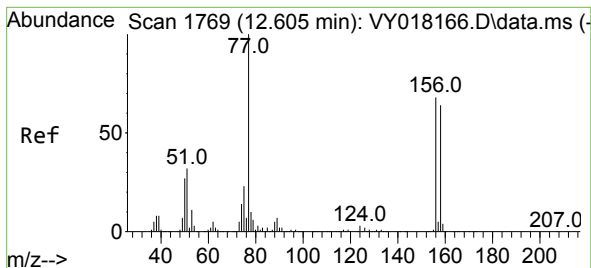
Tgt Ion: 83 Resp: 27982
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 66.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 40.069 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 75 Resp: 36216
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.490 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

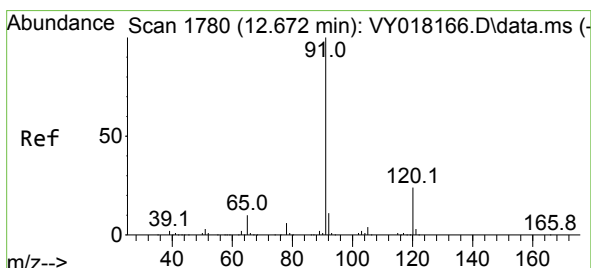
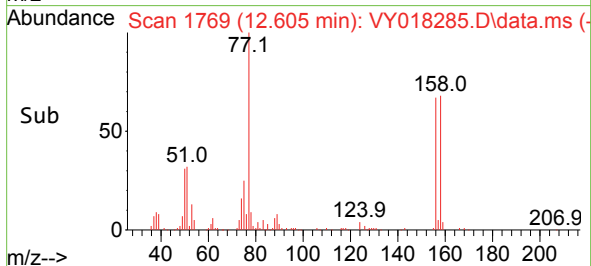
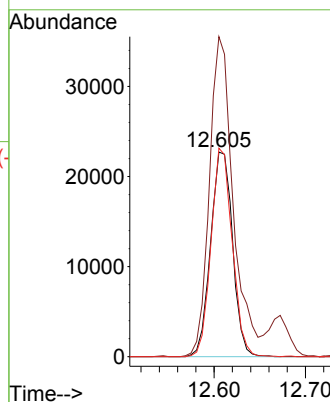
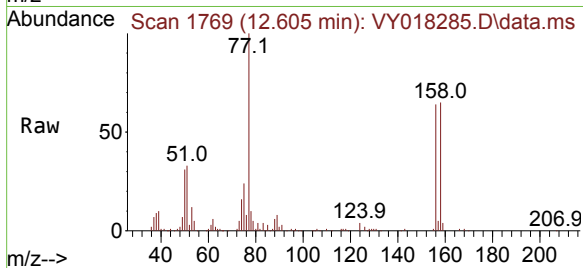
Tgt Ion:156 Resp: 37907

Ion Ratio Lower Upper

156 100

77 168.4 87.1 261.3

158 98.2 48.6 145.9



#78

n-propylbenzene

Concen: 19.986 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018285.D

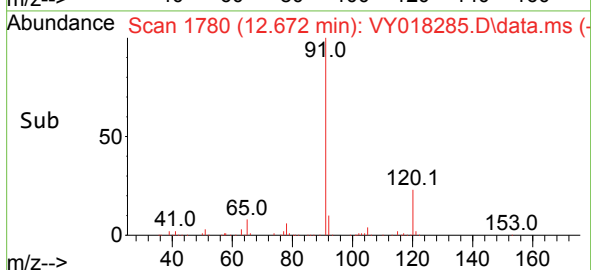
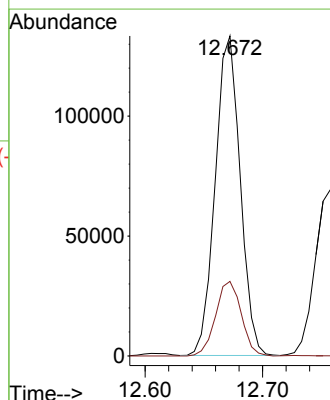
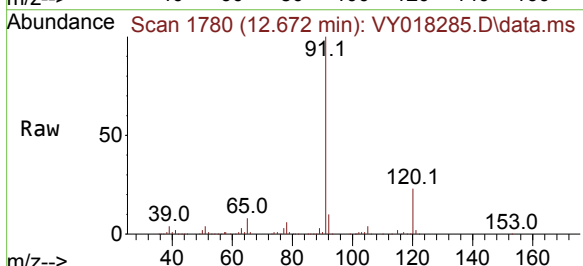
Acq: 16 May 2024 14:07

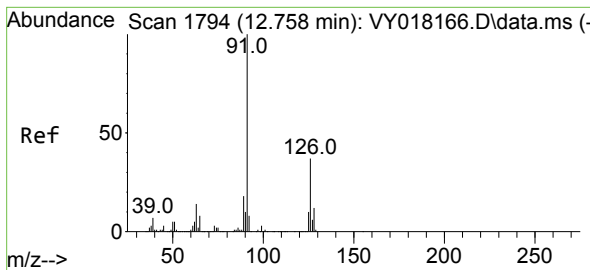
Tgt Ion: 91 Resp: 196817

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

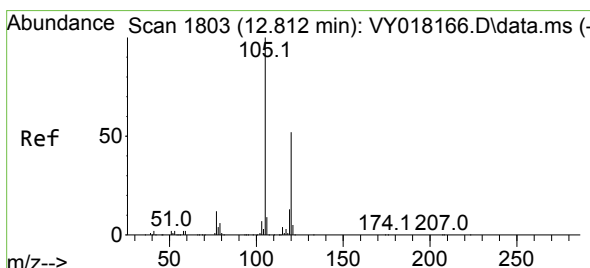
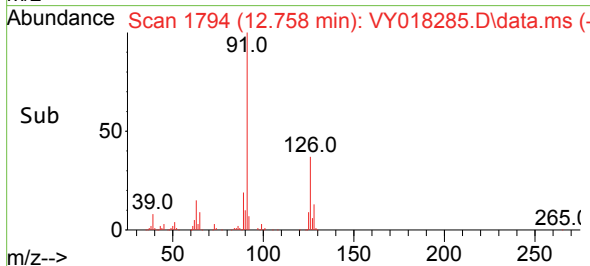
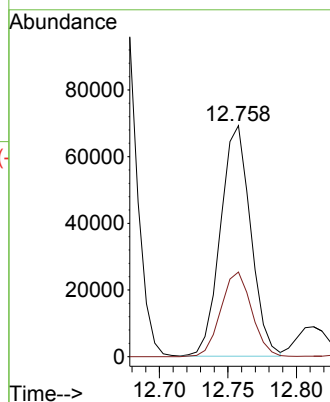
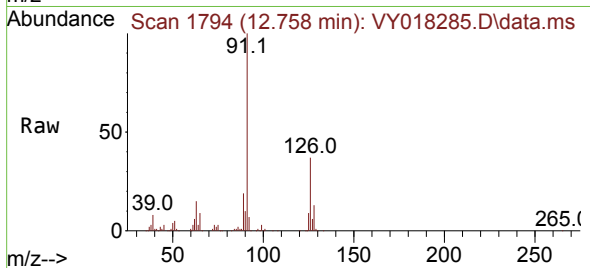




#79
2-Chlorotoluene
Concen: 19.441 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

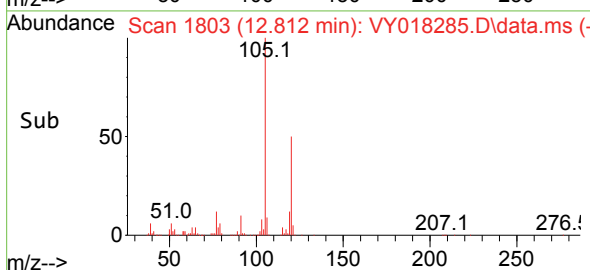
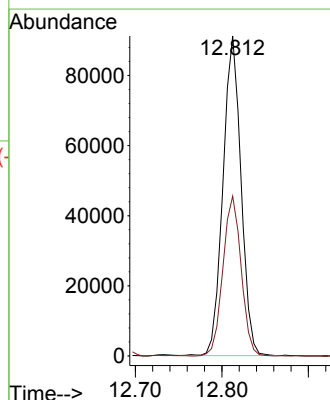
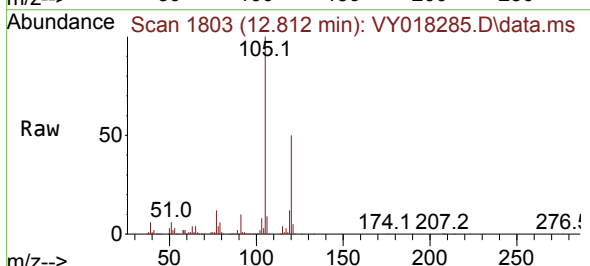
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

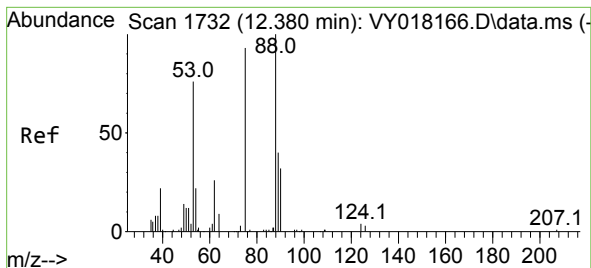
Tgt Ion: 91 Resp: 106383
Ion Ratio Lower Upper
91 100
126 37.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.757 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 105 Resp: 131895
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

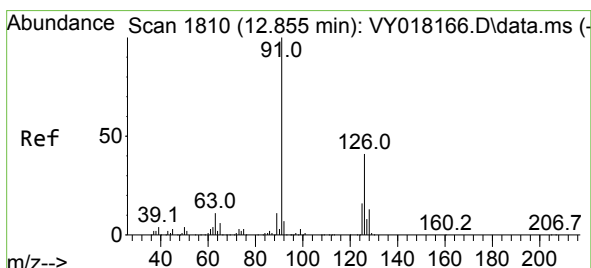
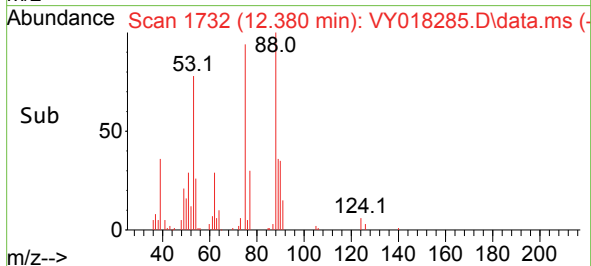
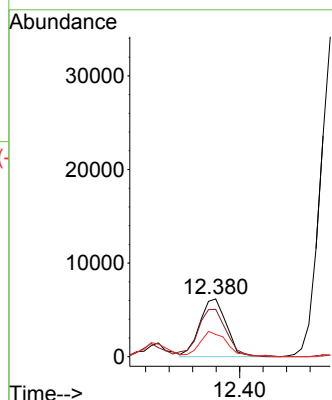
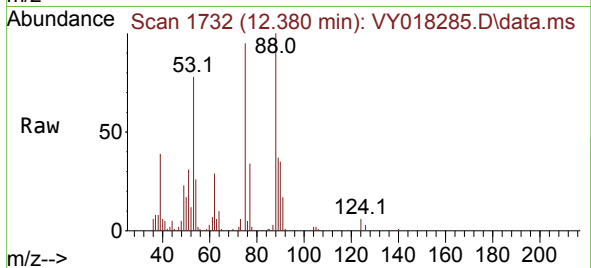




#81
trans-1,4-Dichloro-2-butene
Concen: 20.843 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

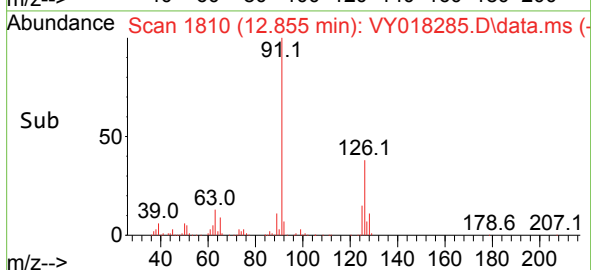
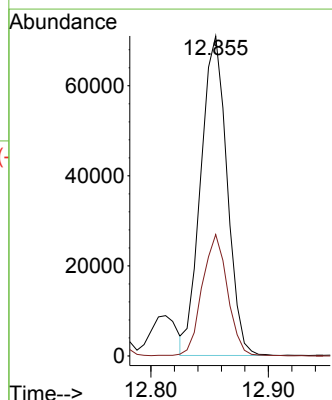
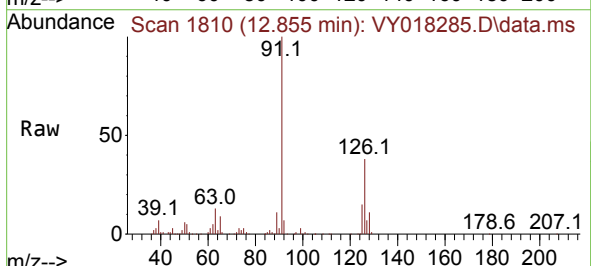
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

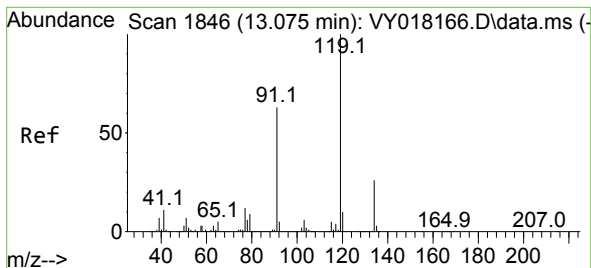
Tgt Ion: 75 Resp: 9778
Ion Ratio Lower Upper
75 100
53 88.0 66.8 100.2
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.045 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion: 91 Resp: 110184
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.863 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

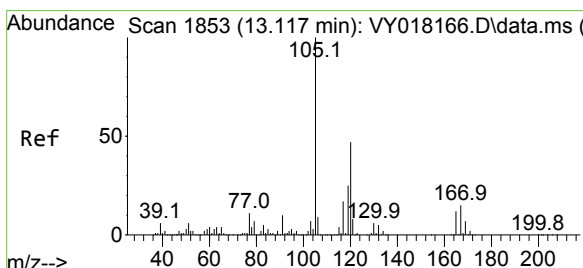
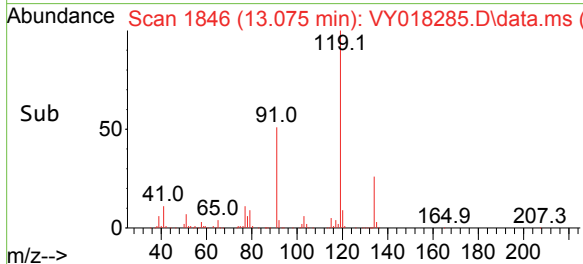
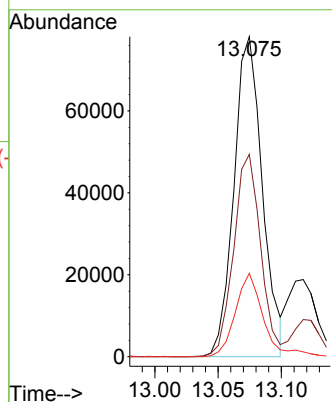
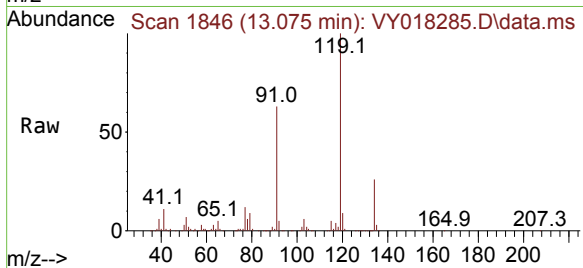
Tgt Ion:119 Resp: 122313

Ion Ratio Lower Upper

119 100

91 60.0 31.3 93.8

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.723 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018285.D

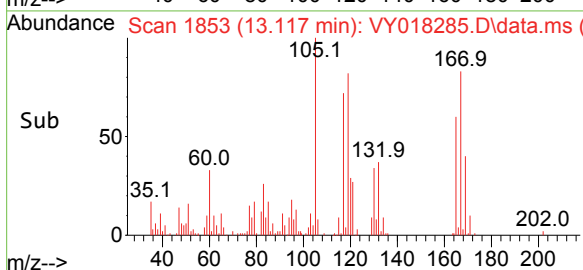
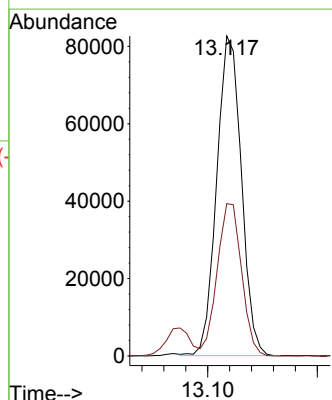
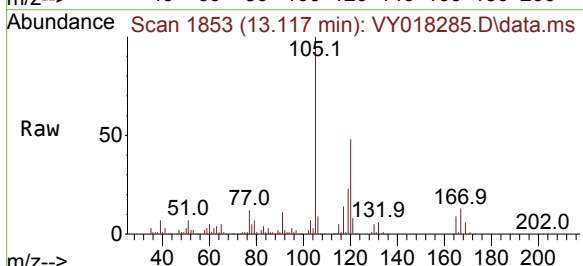
Acq: 16 May 2024 14:07

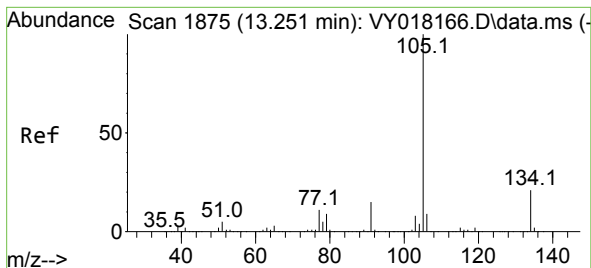
Tgt Ion:105 Resp: 128978

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.634 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

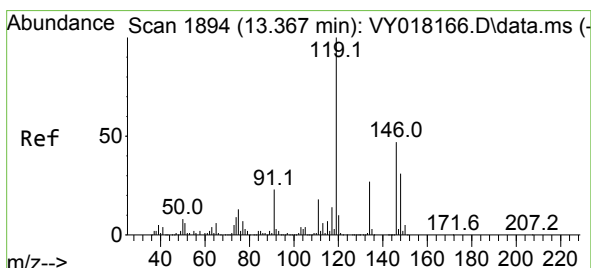
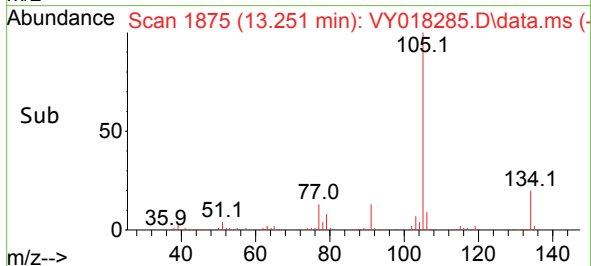
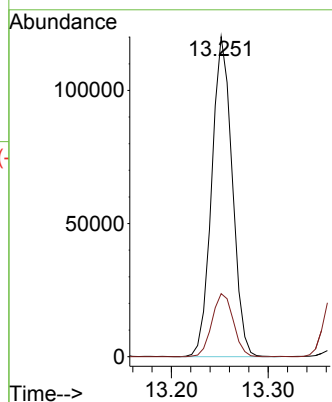
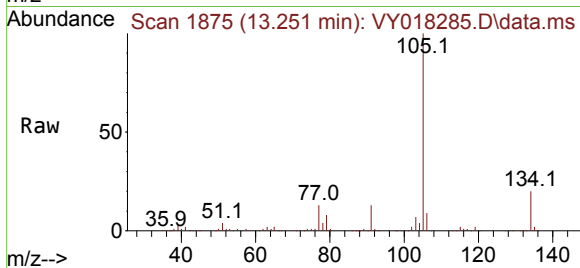
VY0516SBSD01

Tgt Ion:105 Resp: 177343

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.933 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

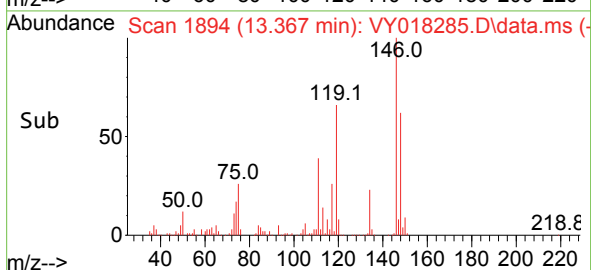
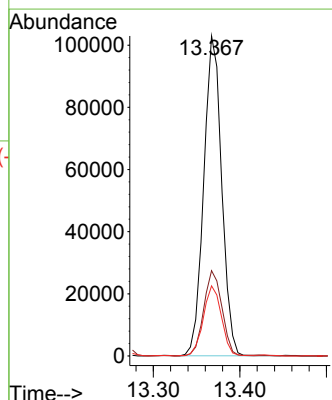
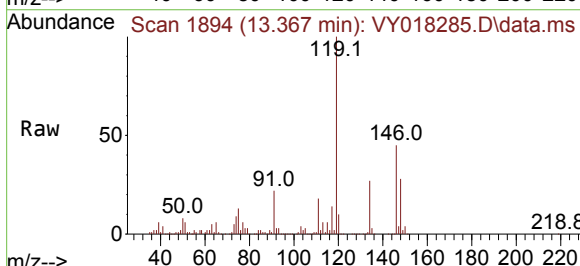
Tgt Ion:119 Resp: 148110

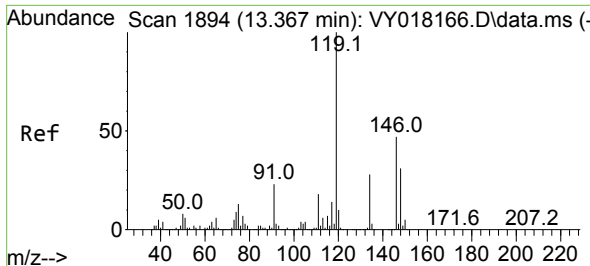
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 22.2 10.7 32.1

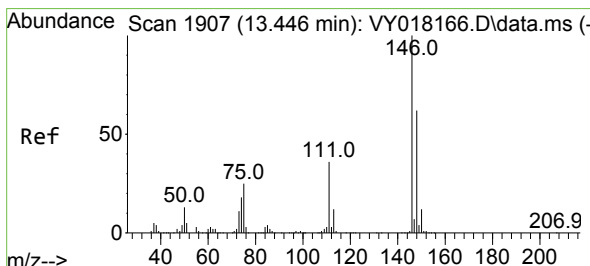
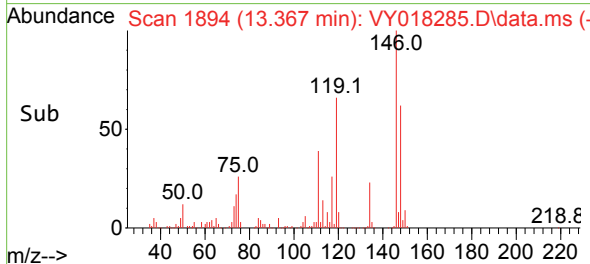
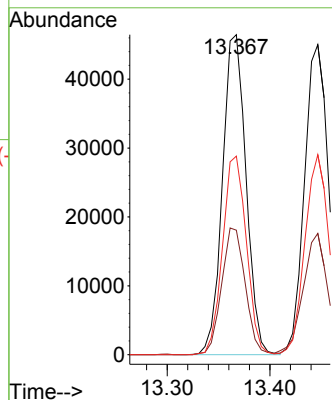
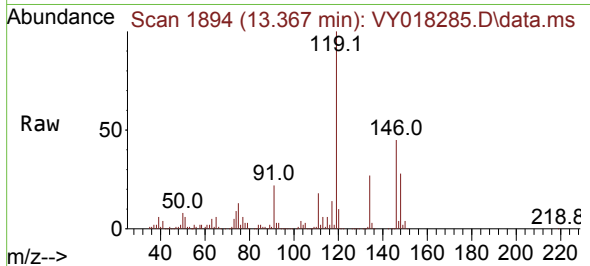




#87
1,3-Dichlorobenzene
Concen: 19.693 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

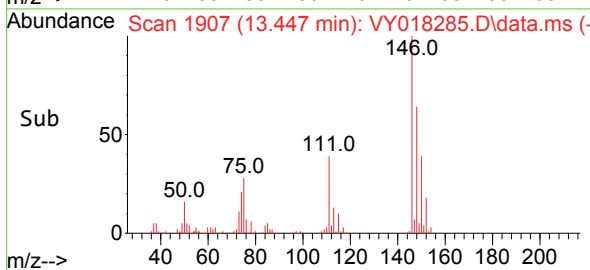
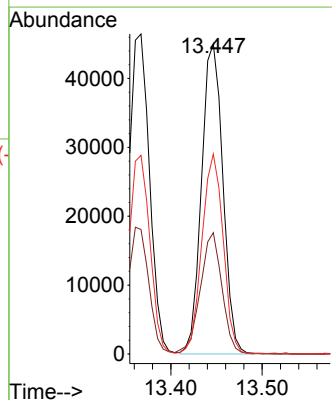
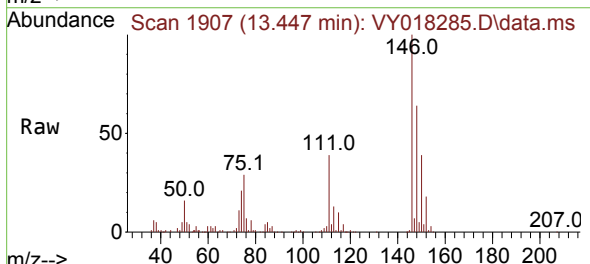
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

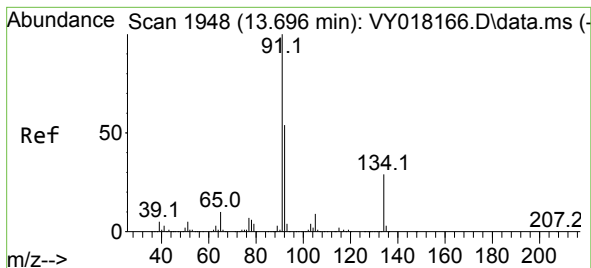
Tgt Ion:146 Resp: 73971
Ion Ratio Lower Upper
146 100
111 39.7 19.0 57.0
148 62.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 20.002 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018285.D
Acq: 16 May 2024 14:07

Tgt Ion:146 Resp: 73243
Ion Ratio Lower Upper
146 100
111 39.8 18.4 55.4
148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 20.020 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

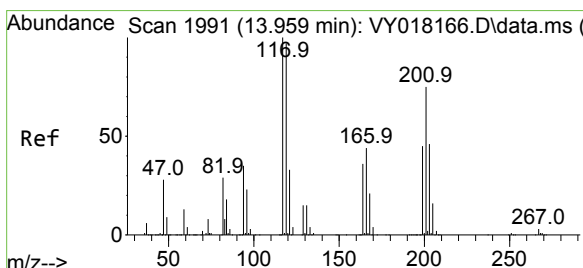
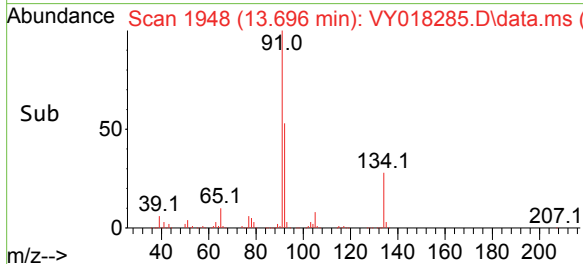
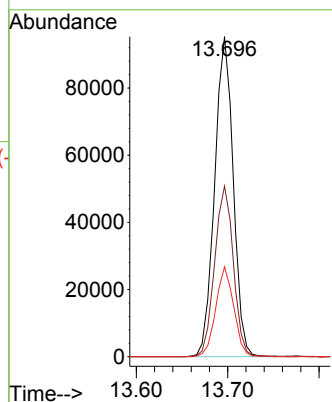
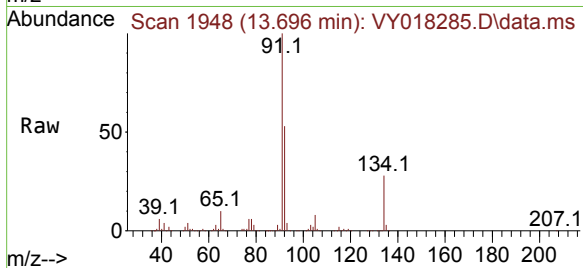
Tgt Ion: 91 Resp: 134626

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 27.2 12.9 38.7



#90

Hexachloroethane

Concen: 18.259 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018285.D

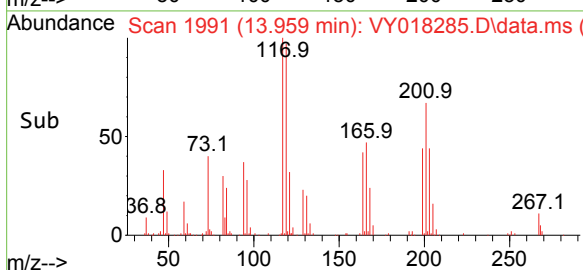
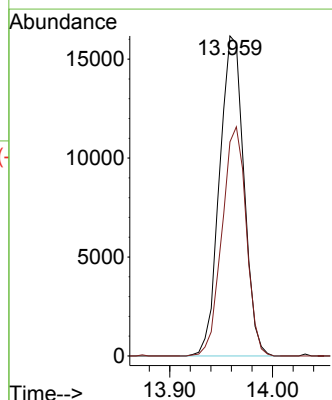
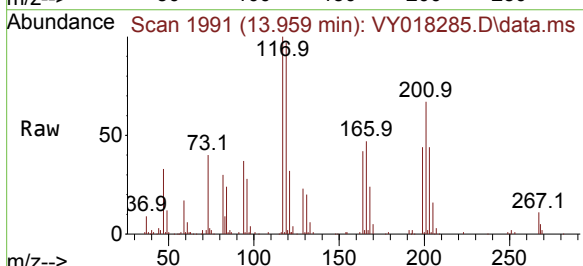
Acq: 16 May 2024 14:07

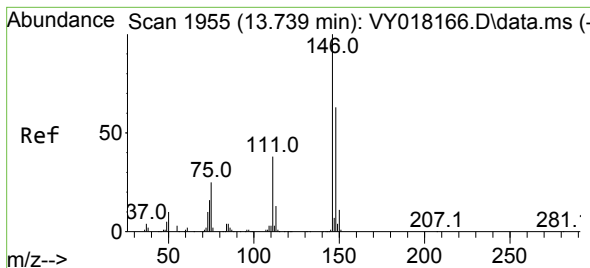
Tgt Ion: 117 Resp: 26617

Ion Ratio Lower Upper

117 100

201 71.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.572 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

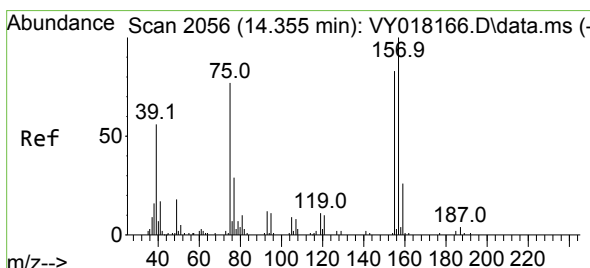
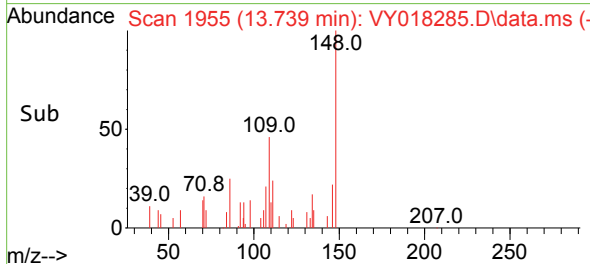
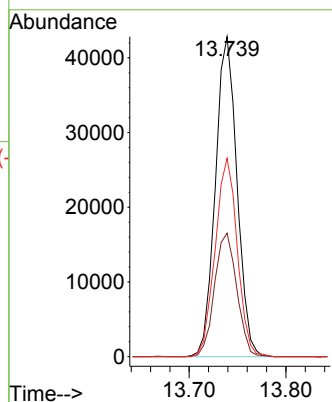
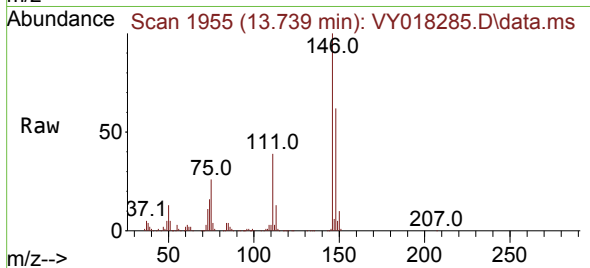
Tgt Ion:146 Resp: 66417

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.215 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

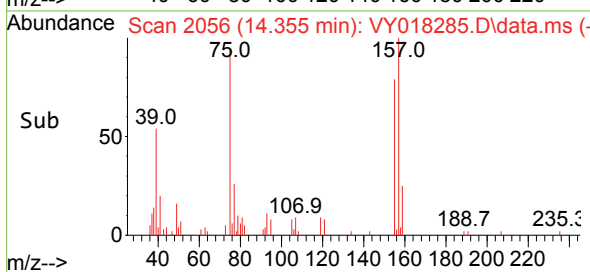
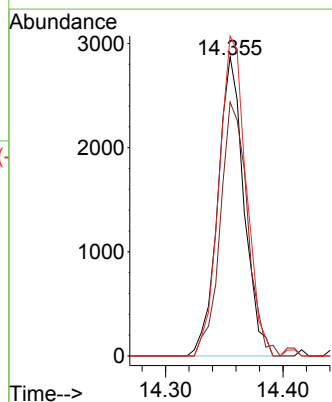
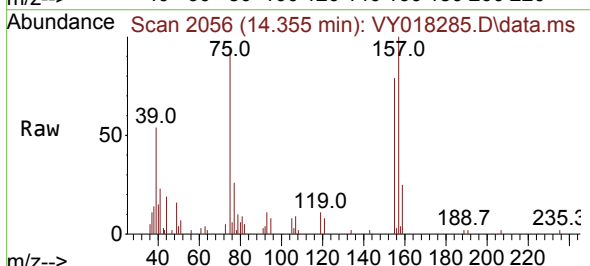
Tgt Ion: 75 Resp: 4453

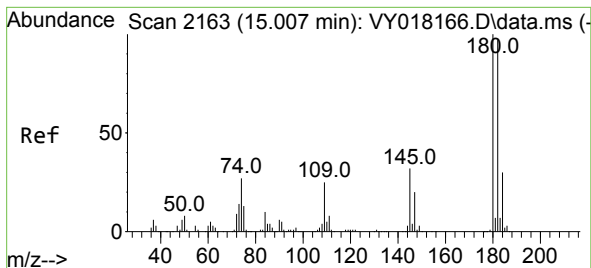
Ion Ratio Lower Upper

75 100

155 87.9 48.6 145.8

157 110.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.589 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

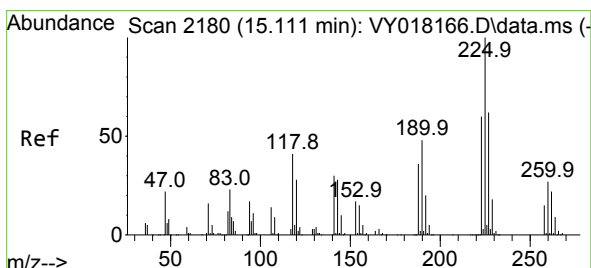
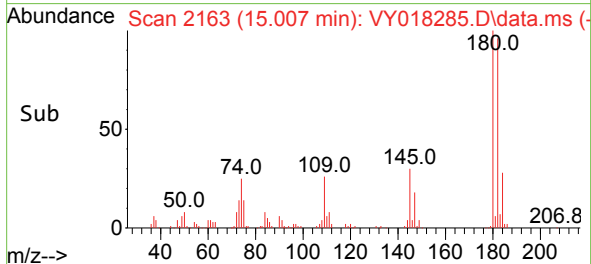
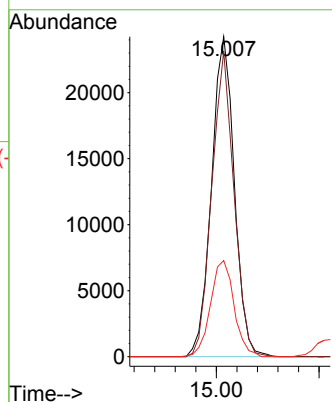
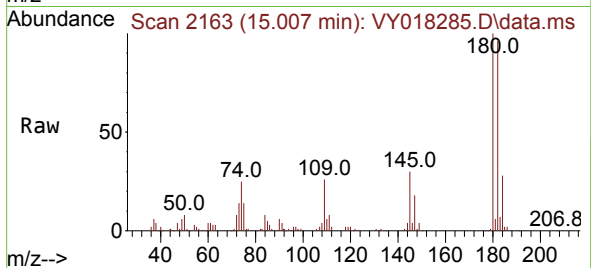
Tgt Ion:180 Resp: 37369

Ion Ratio Lower Upper

180 100

182 92.3 47.9 143.8

145 31.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.615 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

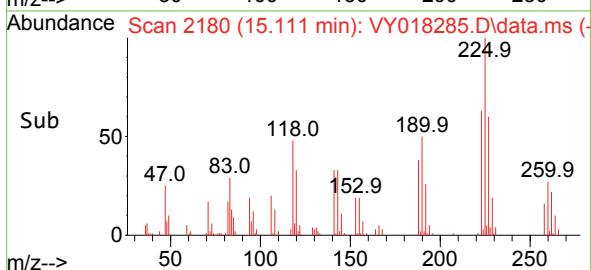
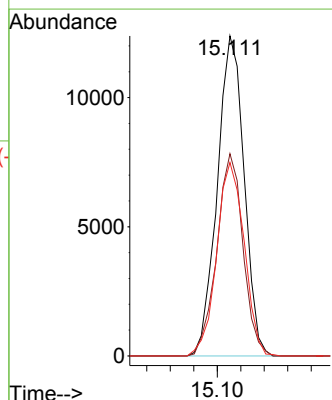
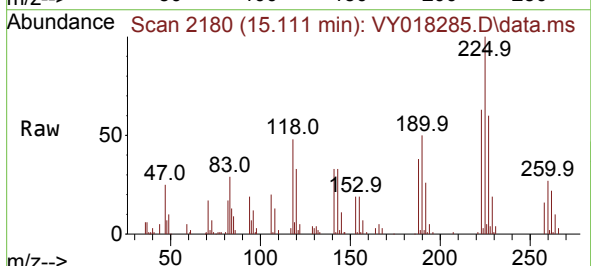
Tgt Ion:225 Resp: 19643

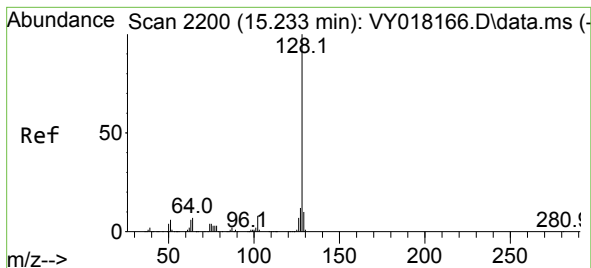
Ion Ratio Lower Upper

225 100

223 61.7 30.4 91.2

227 61.9 31.9 95.9





#95

Naphthalene

Concen: 22.217 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

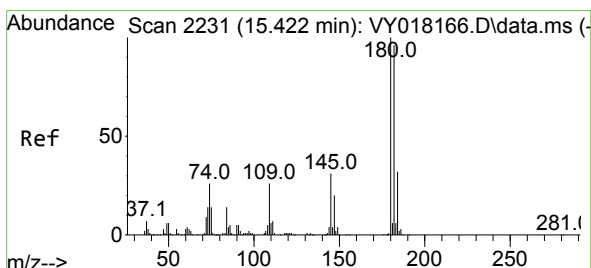
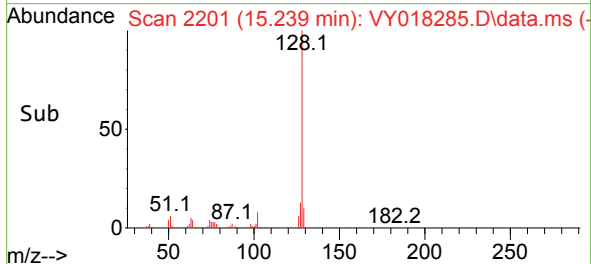
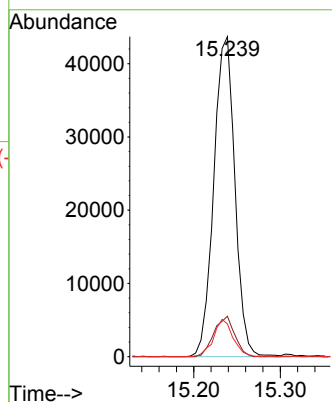
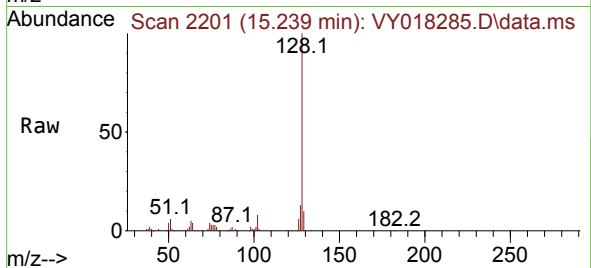
Tgt Ion:128 Resp: 73889

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.947 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018285.D

Acq: 16 May 2024 14:07

Tgt Ion:180 Resp: 31201

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 32.1 15.4 46.1

