

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017281.D
 Acq On : 07 Feb 2024 11:52
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Quant Time: Feb 08 01:40:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	105995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	185951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	155279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	66910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	47889	50.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.140%	
35) Dibromofluoromethane	7.728	113	50056	49.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.720%	
50) Toluene-d8	10.191	98	189964	51.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.495	95	58862	49.154	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17456	21.724	ug/l	97
3) Chloromethane	2.113	50	42205	29.238	ug/l	97
4) Vinyl Chloride	2.253	62	49512	28.147	ug/l	100
5) Bromomethane	2.656	94	35531	29.139	ug/l	96
6) Chloroethane	2.796	64	31895	28.082	ug/l	100
7) Trichlorofluoromethane	3.125	101	45979	25.419	ug/l	100
8) Diethyl Ether	3.540	74	11938	20.982	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	25213	22.994	ug/l	98
10) Methyl Iodide	4.101	142	20308	17.617	ug/l	99
11) Tert butyl alcohol	4.936	59	659	Below Cal	#	75
12) 1,1-Dichloroethene	3.875	96	22815	22.206	ug/l	95
13) Acrolein	3.747	56	7118	82.894	ug/l	94
14) Allyl chloride	4.485	41	34305	22.086	ug/l	96
15) Acrylonitrile	5.180	53	22663	88.467	ug/l	100
16) Acetone	3.973	43	25805	92.722	ug/l	98
17) Carbon Disulfide	4.204	76	63739	19.434	ug/l	100
18) Methyl Acetate	4.503	43	9150	14.738	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	48767	19.708	ug/l	94
20) Methylene Chloride	4.729	84	29532	24.094	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	25401	21.732	ug/l	96
22) Diisopropyl ether	6.131	45	76152	22.326	ug/l	99
23) Vinyl Acetate	6.076	43	208225	100.749	ug/l	99
24) 1,1-Dichloroethane	6.027	63	46967	22.477	ug/l	97
25) 2-Butanone	7.015	43	31677	85.620	ug/l	99
26) 2,2-Dichloropropane	6.990	77	40038	23.036	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	28225	21.591	ug/l	96
28) Bromochloromethane	7.344	49	15796	19.743	ug/l	94
29) Tetrahydrofuran	7.368	42	17339	82.963	ug/l	97
30) Chloroform	7.515	83	47382	22.541	ug/l	99
31) Cyclohexane	7.801	56	41753	21.877	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	41440	22.920	ug/l	97
36) 1,1-Dichloropropene	7.929	75	37043	21.389	ug/l	99
37) Ethyl Acetate	7.088	43	14070	17.516	ug/l	99
38) Carbon Tetrachloride	7.911	117	36291	21.886	ug/l	98
39) Methylcyclohexane	9.197	83	42506	21.009	ug/l	98
40) Benzene	8.173	78	105564	21.345	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	7666	20.143	ug/l	94
42) 1,2-Dichloroethane	8.246	62	26830	20.489	ug/l	99
43) Isopropyl Acetate	8.289	43	25524	17.950	ug/l	99
44) Trichloroethene	8.953	130	26818	21.362	ug/l	100
45) 1,2-Dichloropropane	9.228	63	26106	21.490	ug/l	99
46) Dibromomethane	9.319	93	12861	19.599	ug/l	97
47) Bromodichloromethane	9.508	83	34269	20.867	ug/l	99
48) Methyl methacrylate	9.307	41	11663	17.487	ug/l	97
49) 1,4-Dioxane	9.338	88	2288	320.338	ug/l #	55
51) 4-Methyl-2-Pentanone	10.081	43	67968	89.171	ug/l	97
52) Toluene	10.252	92	64075	21.464	ug/l	98
53) t-1,3-Dichloropropene	10.478	75	30405	19.711	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	37808	20.463	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	17671	19.793	ug/l	96
56) Ethyl methacrylate	10.520	69	19396	18.181	ug/l	97
57) 1,3-Dichloropropane	10.801	76	30008	19.541	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	47246	84.943	ug/l	98
59) 2-Hexanone	10.843	43	49934	90.597	ug/l	98
60) Dibromochloromethane	10.996	129	20210	19.296	ug/l	100
61) 1,2-Dibromoethane	11.099	107	15422	18.573	ug/l	99
64) Tetrachloroethene	10.734	164	21839	21.656	ug/l	97
65) Chlorobenzene	11.526	112	65065	21.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	22879	21.017	ug/l	98
67) Ethyl Benzene	11.605	91	119949	22.157	ug/l	99
68) m/p-Xylenes	11.715	106	89808	43.714	ug/l	97
69) o-Xylene	12.044	106	41643	22.011	ug/l	100
70) Styrene	12.057	104	68452	21.959	ug/l	98
71) Bromoform	12.221	173	10648	18.678	ug/l #	98
73) Isopropylbenzene	12.343	105	113231	23.036	ug/l	99
74) N-amyl acetate	12.154	43	21720	19.666	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	18559	19.197	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	23720	38.409	ug/l #	100
77) Bromobenzene	12.623	156	22448	20.589	ug/l	98
78) n-propylbenzene	12.684	91	141925	23.509	ug/l	99
79) 2-Chlorotoluene	12.770	91	75793	22.836	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	89933	23.005	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	5563	18.717	ug/l	97
82) 4-Chlorotoluene	12.867	91	78510	22.984	ug/l	98
83) tert-Butylbenzene	13.087	119	79592	23.752	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	87589	22.699	ug/l	100
85) sec-Butylbenzene	13.264	105	124537	23.778	ug/l	99
86) p-Isopropyltoluene	13.379	119	96701	23.105	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	46881	21.554	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	46035	21.785	ug/l	97
89) n-Butylbenzene	13.709	91	94662	23.789	ug/l	98
90) Hexachloroethane	13.971	117	19733	22.967	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	39859	21.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2312	18.359	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	19367	21.057	ug/l	99
94) Hexachlorobutadiene	15.123	225	12240	22.596	ug/l	99
95) Naphthalene	15.245	128	31974	20.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	16087	20.566	ug/l	96

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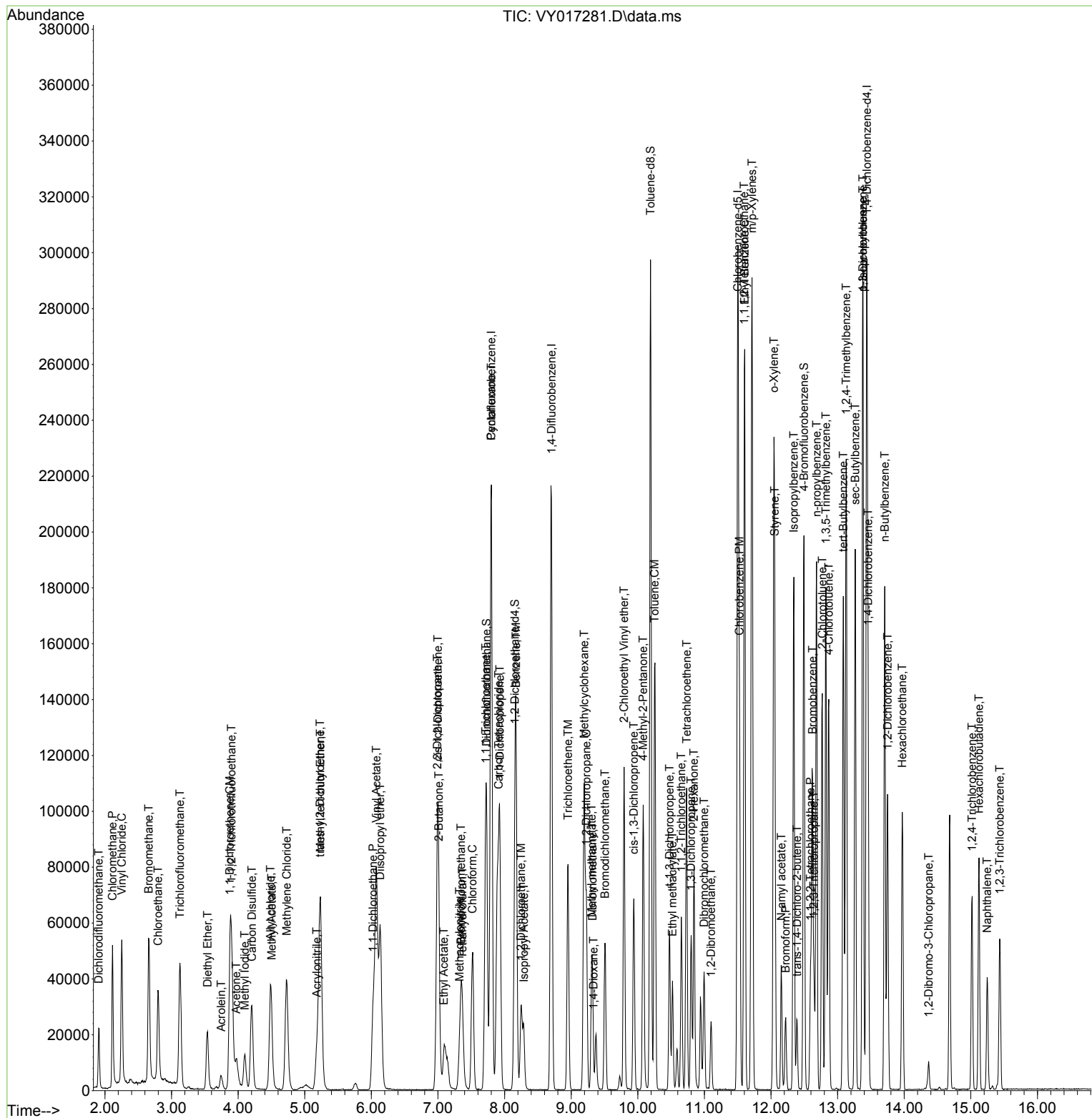
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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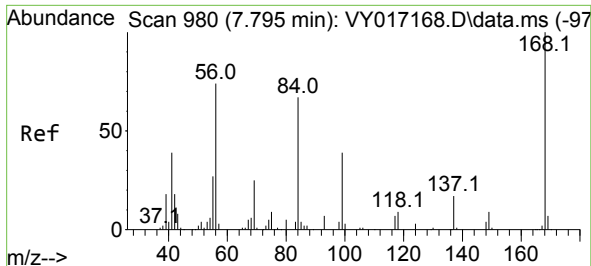
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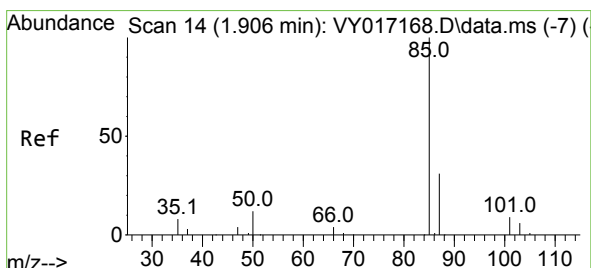
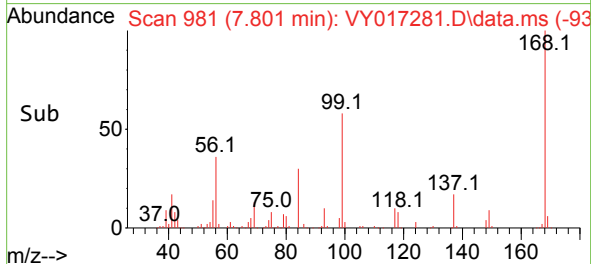
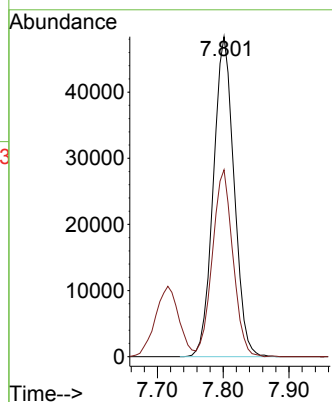
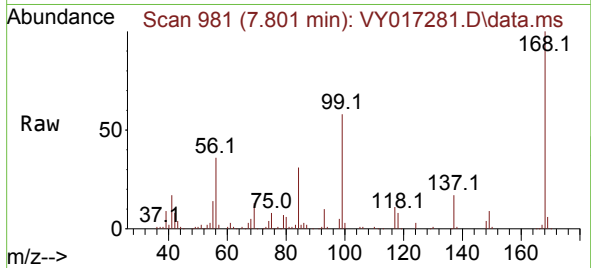




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
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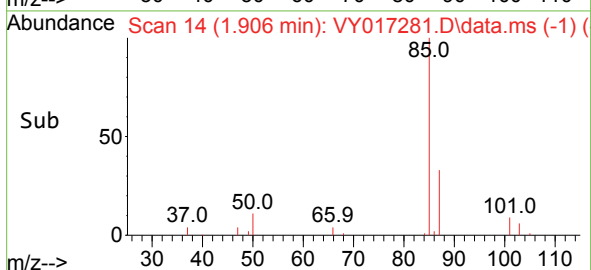
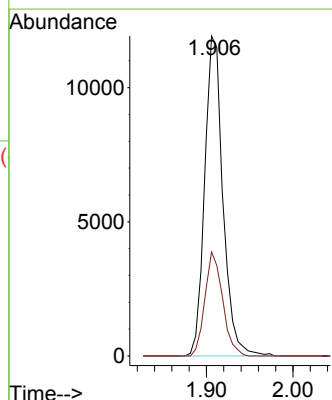
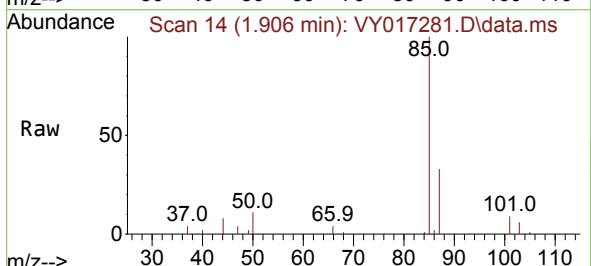
Instrument :
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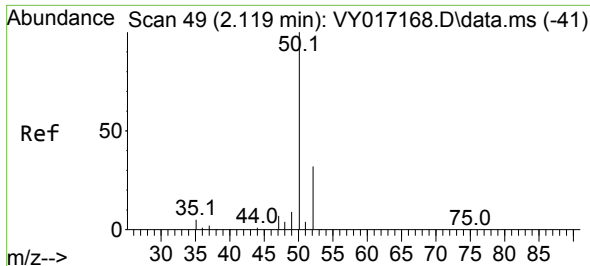
Tgt Ion:168 Resp: 105995
Ion Ratio Lower Upper
168 100
99 58.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.724 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 85 Resp: 17456
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.3

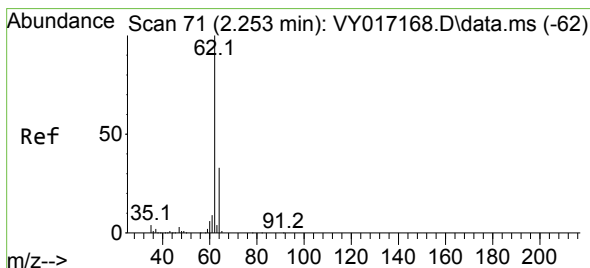
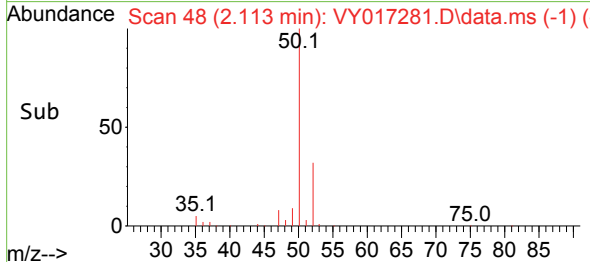
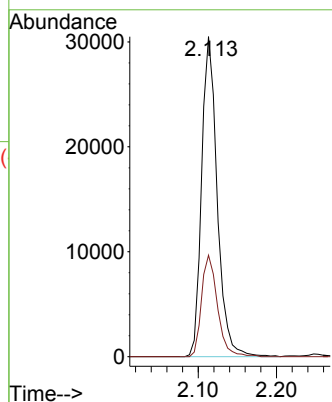
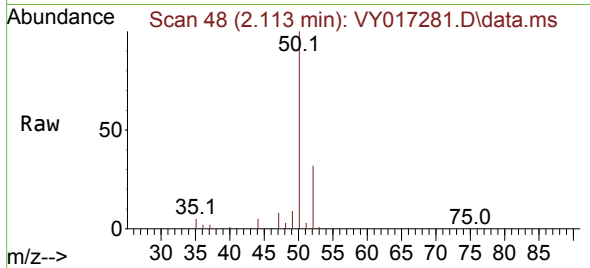




#3
Chloromethane
Concen: 29.238 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

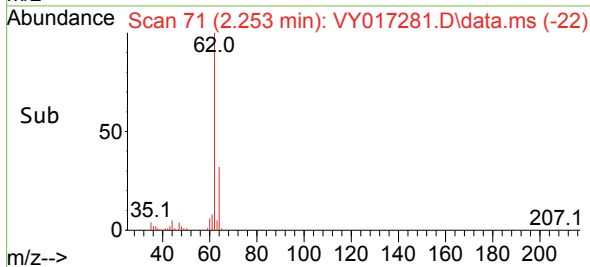
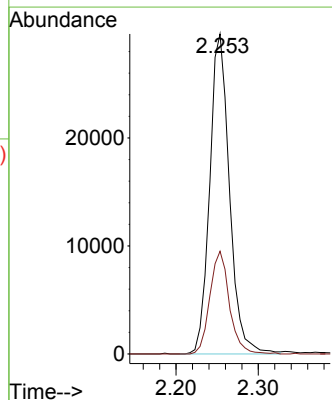
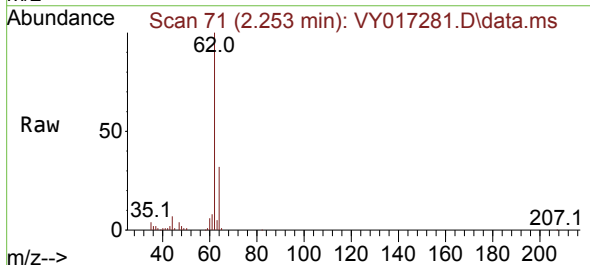
Instrument :
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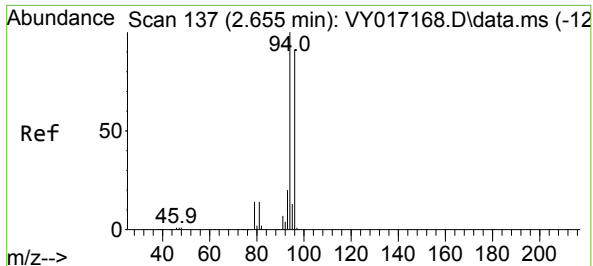
Tgt Ion: 50 Resp: 42205
Ion Ratio Lower Upper
50 100
52 31.7 26.7 40.1



#4
Vinyl Chloride
Concen: 28.147 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 62 Resp: 49512
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5

Bromomethane

Concen: 29.139 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

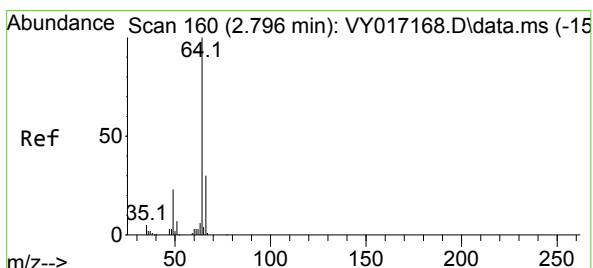
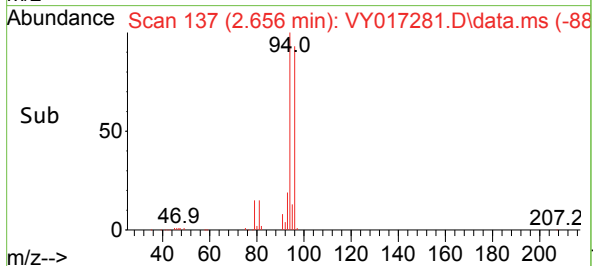
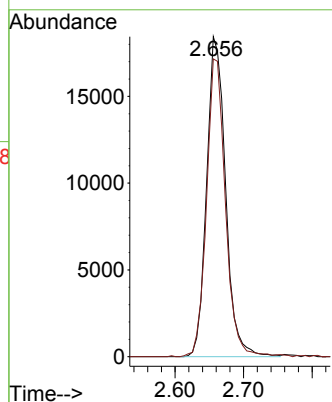
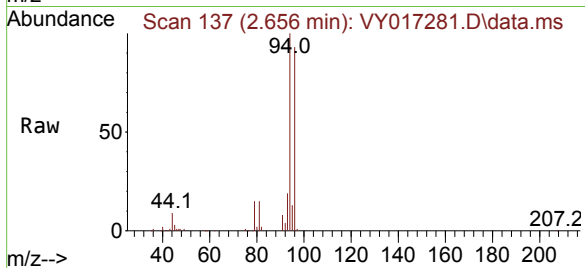
VY0207SBS01

Tgt Ion: 94 Resp: 35531

Ion Ratio Lower Upper

94 100

96 93.1 77.3 115.9



#6

Chloroethane

Concen: 28.082 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY017281.D

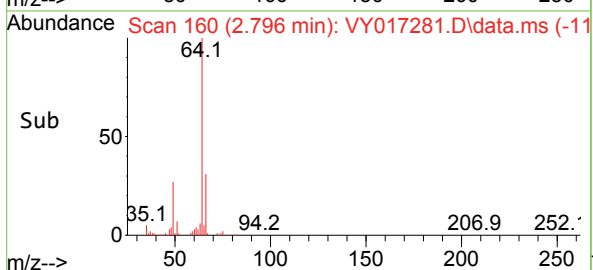
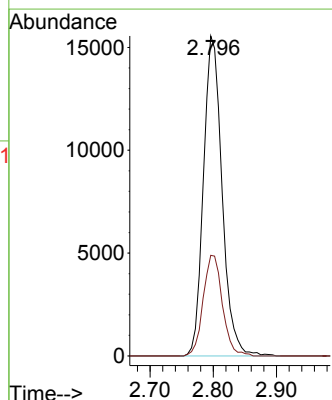
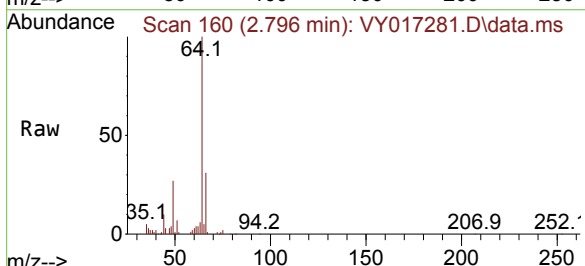
Acq: 07 Feb 2024 11:52

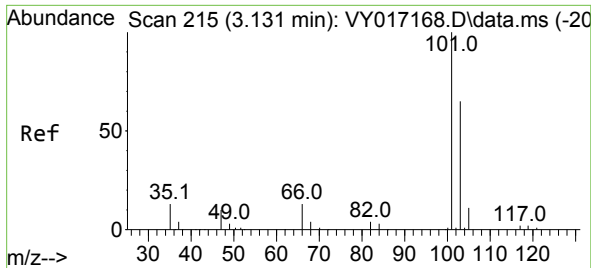
Tgt Ion: 64 Resp: 31895

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7

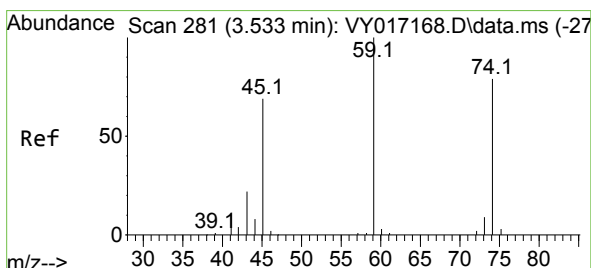
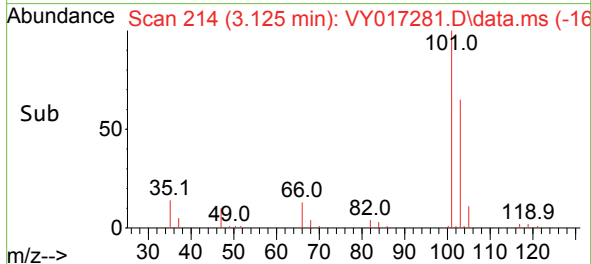
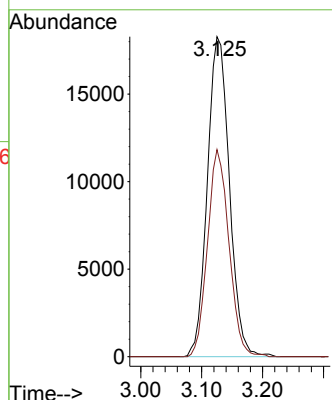
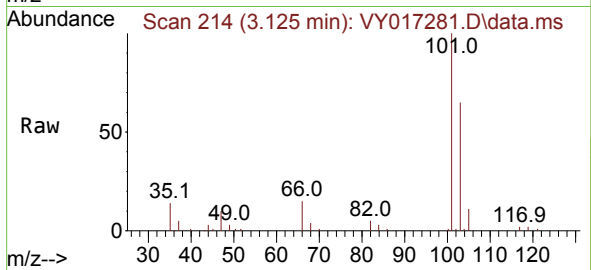




#7
Trichlorofluoromethane
Concen: 25.419 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

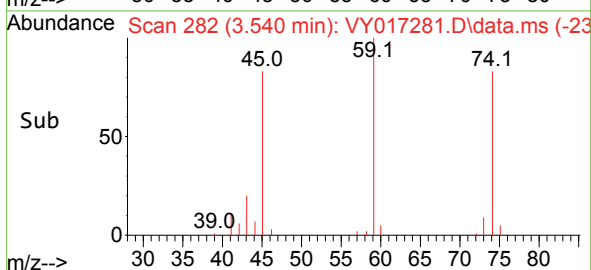
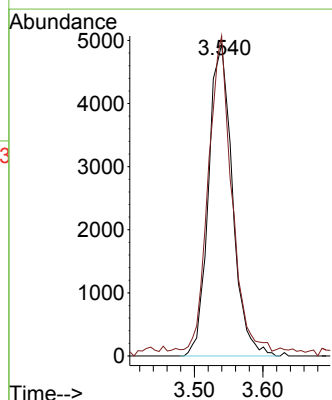
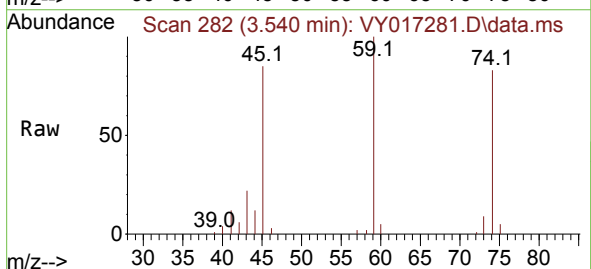
Instrument :
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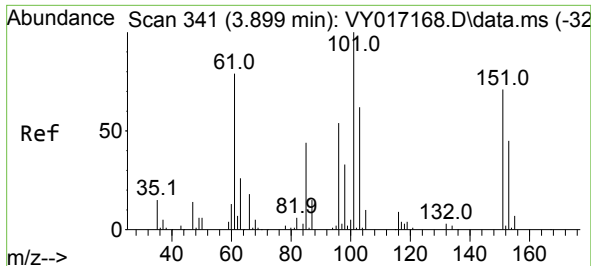
Tgt Ion:101 Resp: 45979
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9



#8
Diethyl Ether
Concen: 20.982 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 11938
Ion Ratio Lower Upper
74 100
45 100.0 47.9 143.7

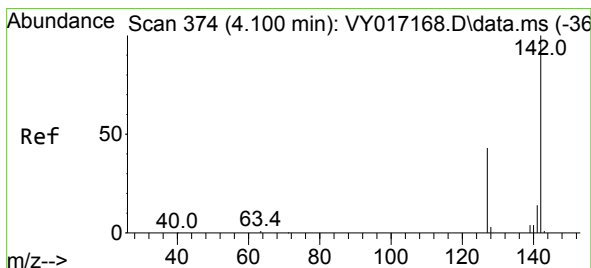
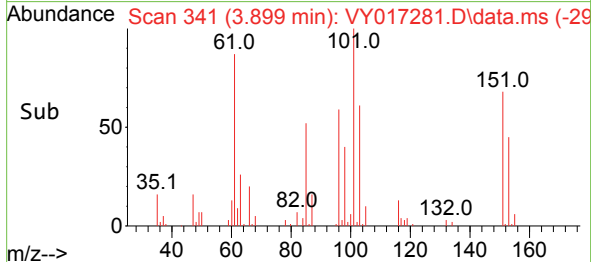
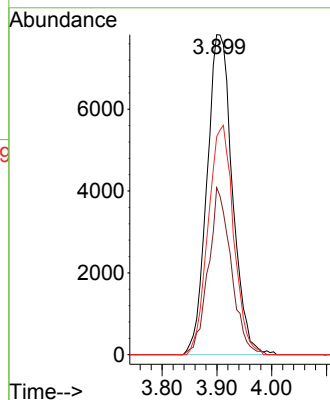
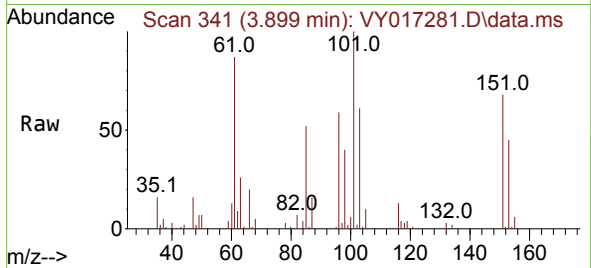




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.994 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

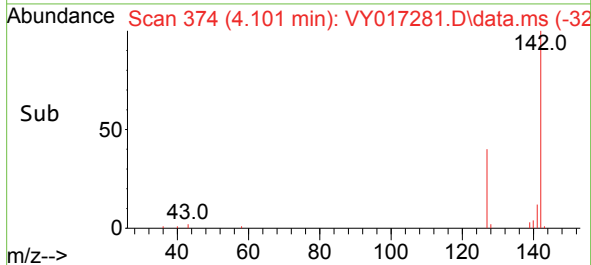
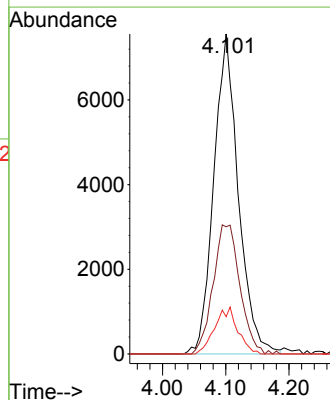
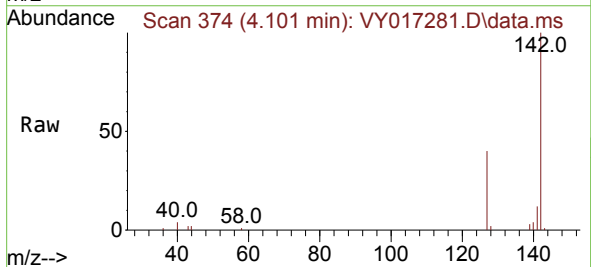
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

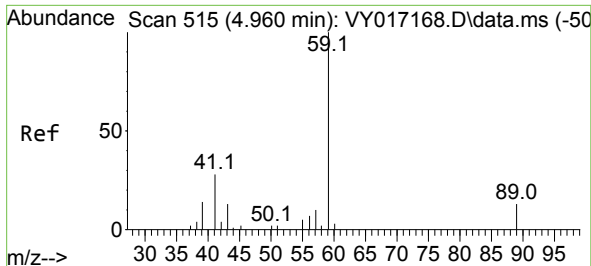
Tgt Ion:	101	Resp:	25213
Ion	Ratio	Lower	Upper
101	100		
85	46.8	35.8	53.6
151	71.8	58.6	88.0



#10
Methyl Iodide
Concen: 17.617 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion:	142	Resp:	20308
Ion	Ratio	Lower	Upper
142	100		
127	44.2	35.1	52.7
141	13.7	11.8	17.6

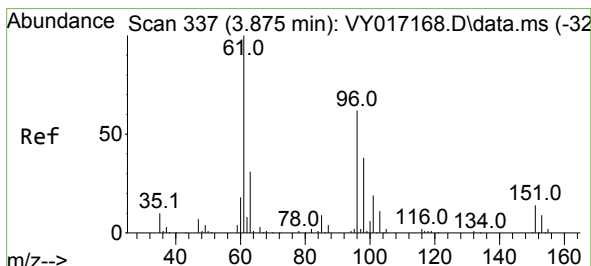
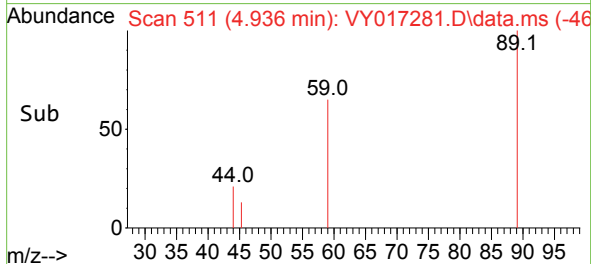
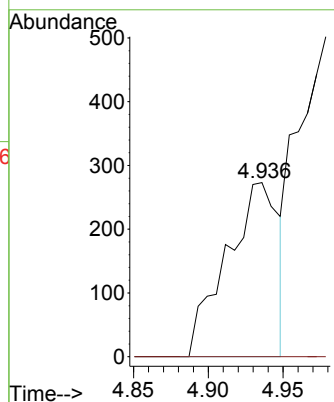
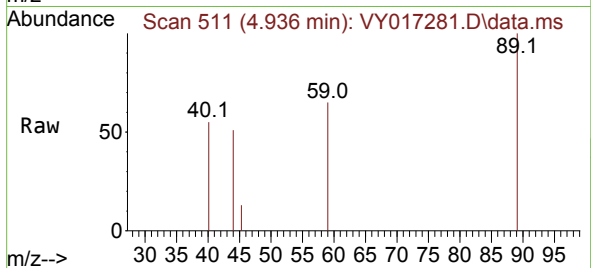




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

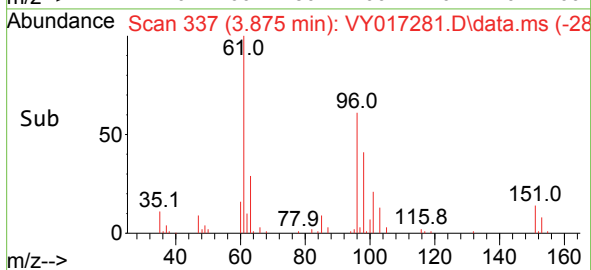
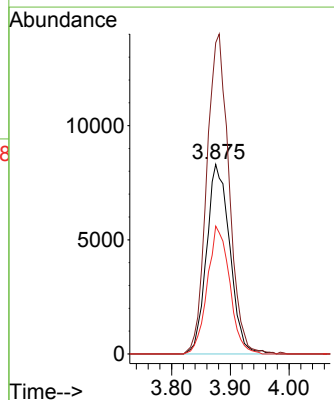
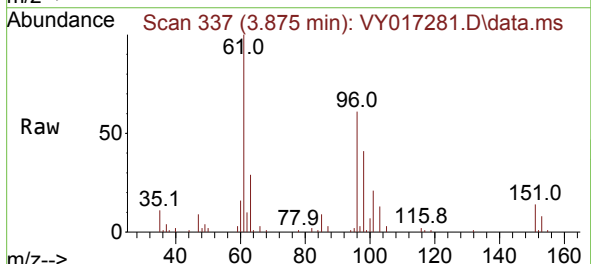
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

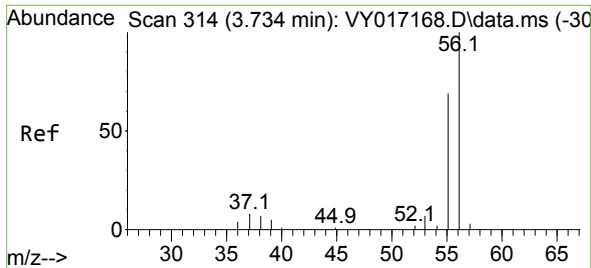
Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 22.206 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 96 Resp: 22815
Ion Ratio Lower Upper
96 100
61 164.1 124.2 186.2
98 67.4 52.6 79.0





#13

Acrolein

Concen: 82.894 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.013 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

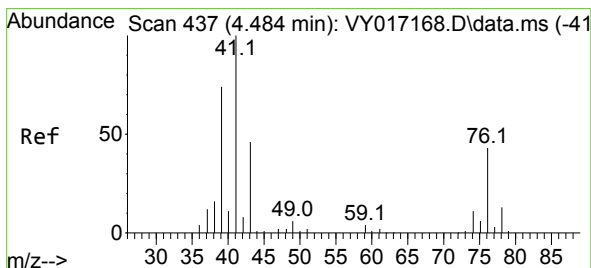
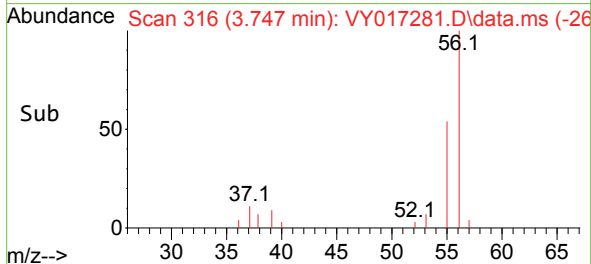
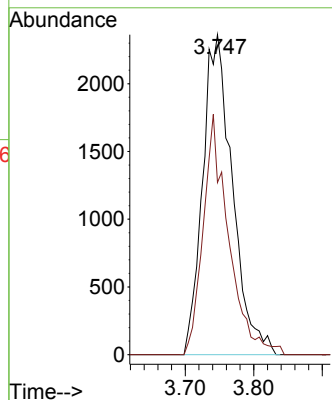
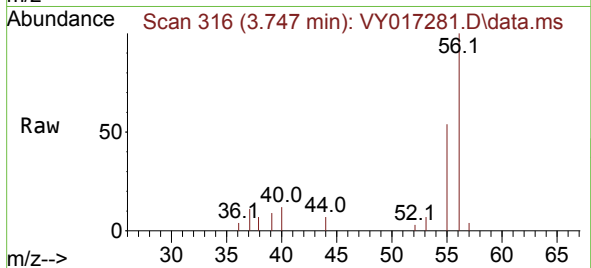
VY0207SBS01

Tgt Ion: 56 Resp: 7118

Ion Ratio Lower Upper

56 100

55 64.4 55.4 83.0



#14

Allyl chloride

Concen: 22.086 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

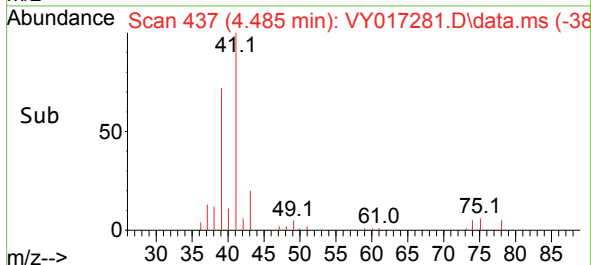
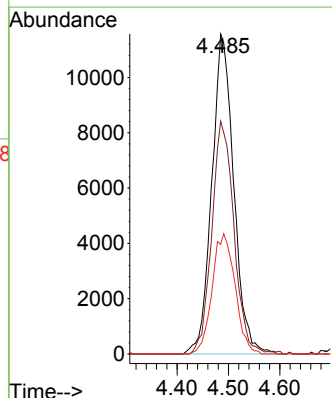
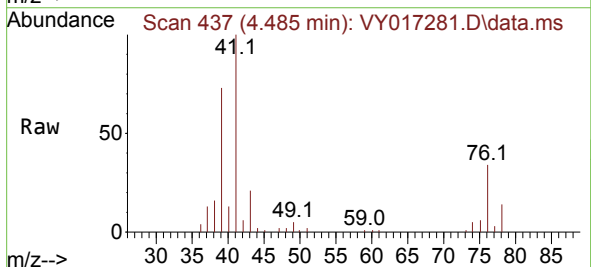
Tgt Ion: 41 Resp: 34305

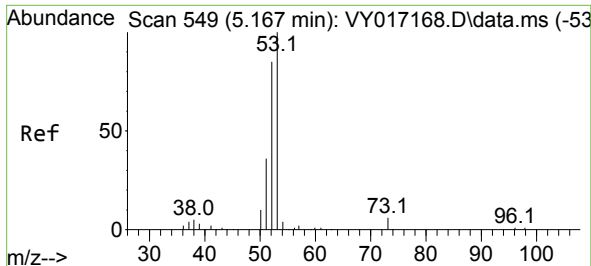
Ion Ratio Lower Upper

41 100

39 73.6 54.7 82.1

76 39.3 31.8 47.6

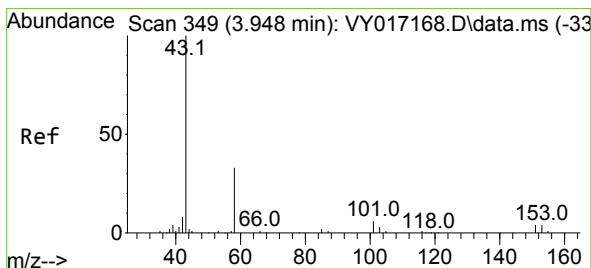
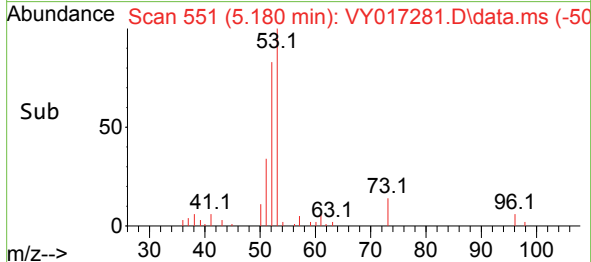
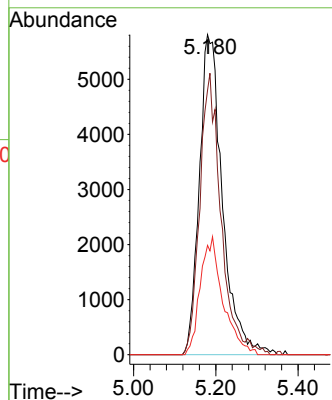
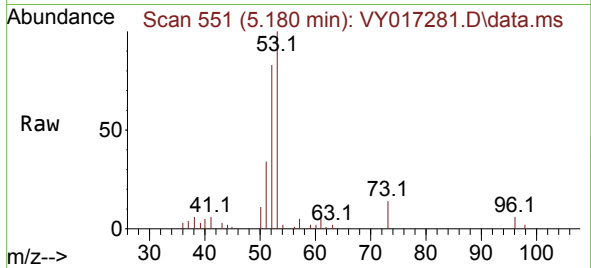




#15
Acrylonitrile
Concen: 88.467 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

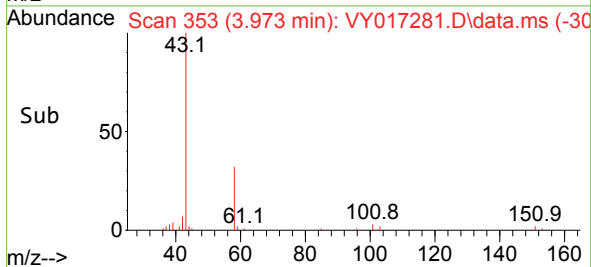
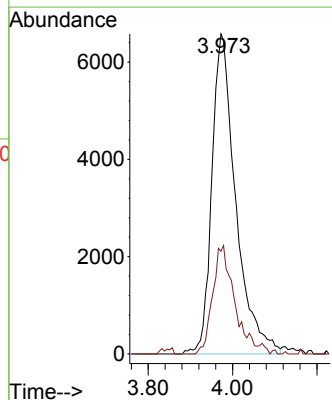
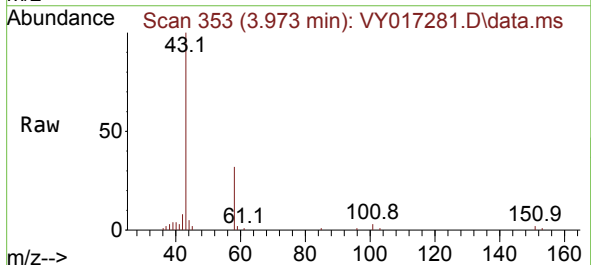
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

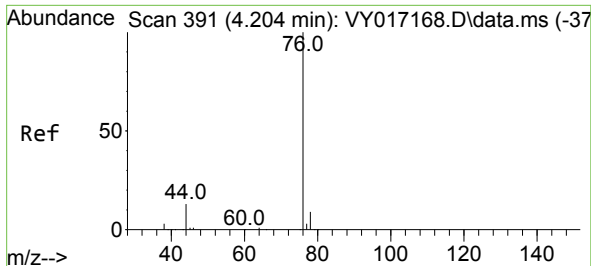
Tgt Ion:	53	Resp:	22663
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.1	97.7
51	36.3	29.0	43.4



#16
Acetone
Concen: 92.722 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion:	43	Resp:	25805
Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.6	39.8

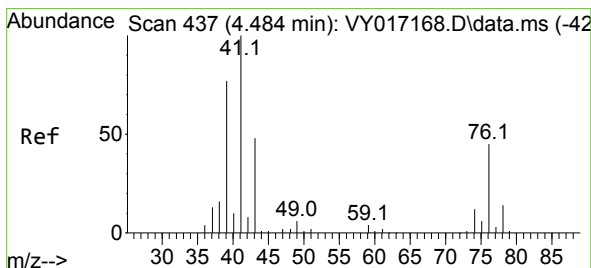
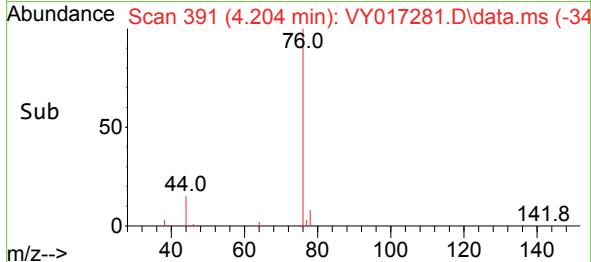
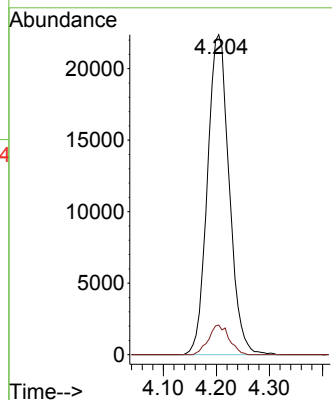
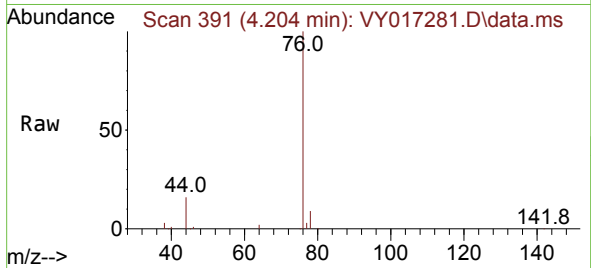




#17
Carbon Disulfide
Concen: 19.434 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

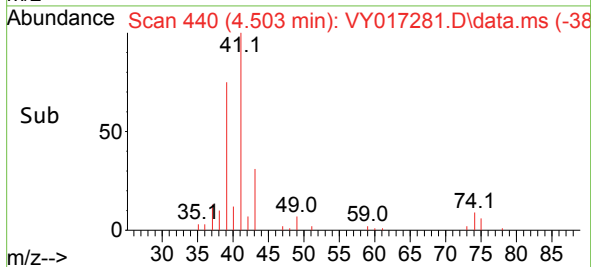
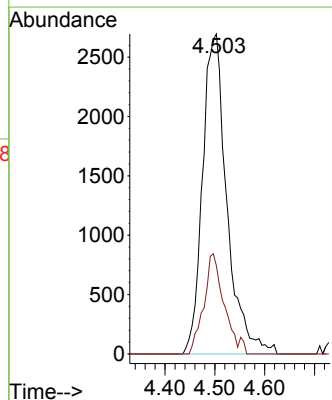
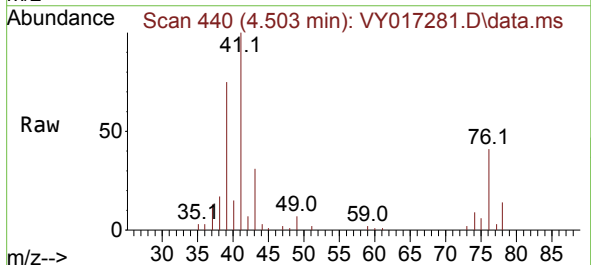
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

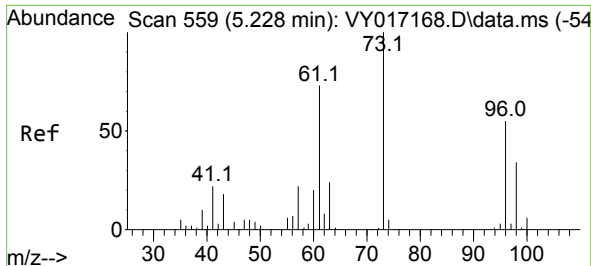
Tgt Ion: 76 Resp: 63739
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 14.738 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.019 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 43 Resp: 9150
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.708 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

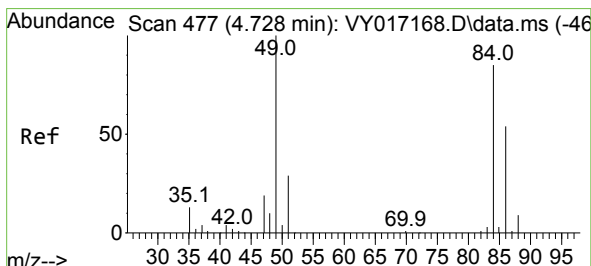
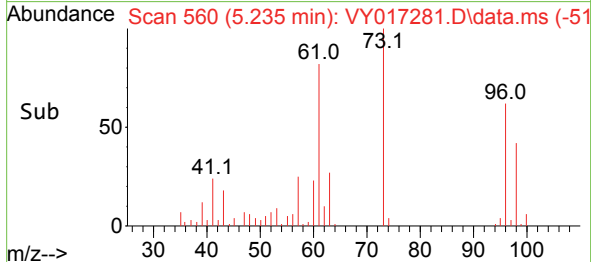
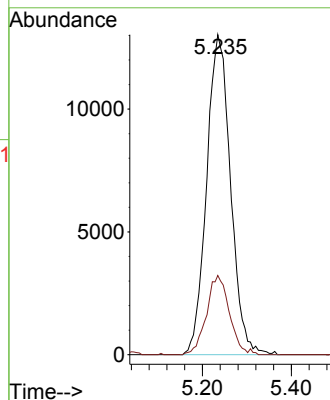
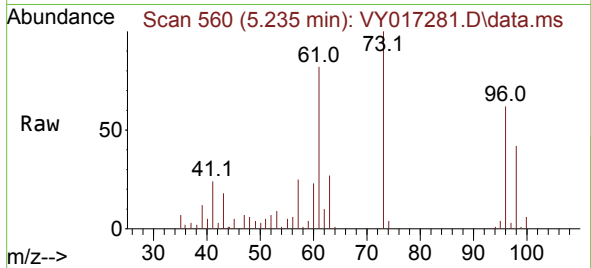
VY0207SBS01

Tgt Ion: 73 Resp: 48767

Ion Ratio Lower Upper

73 100

57 24.8 17.7 26.5



#20

Methylene Chloride

Concen: 24.094 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.001 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Tgt Ion: 84 Resp: 29532

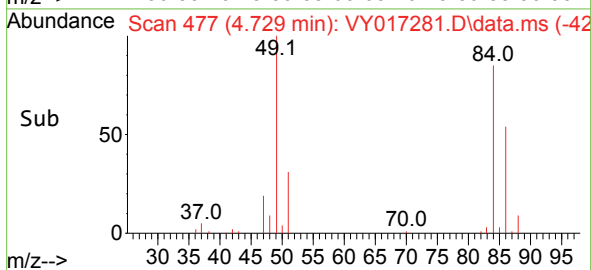
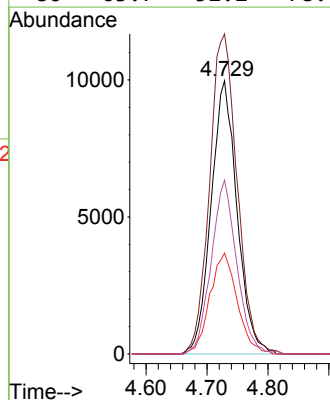
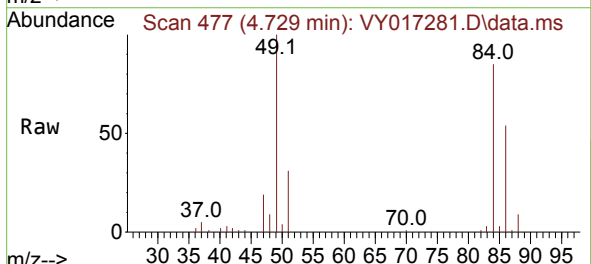
Ion Ratio Lower Upper

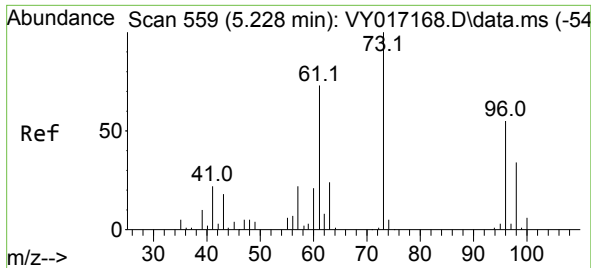
84 100

49 117.2 95.2 142.8

51 36.9 29.9 44.9

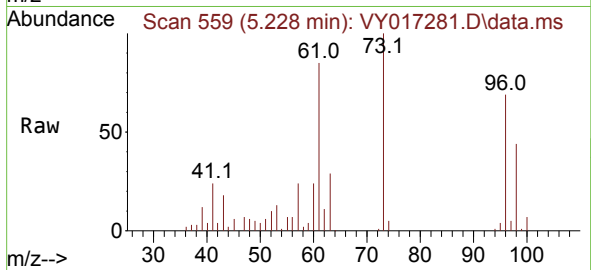
86 63.7 52.2 78.4



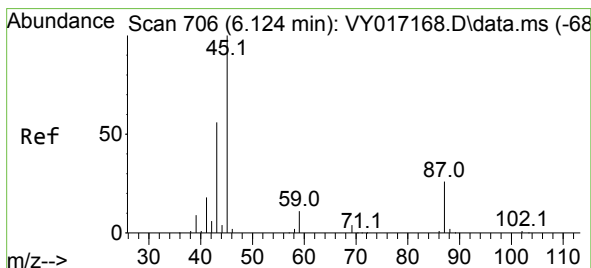
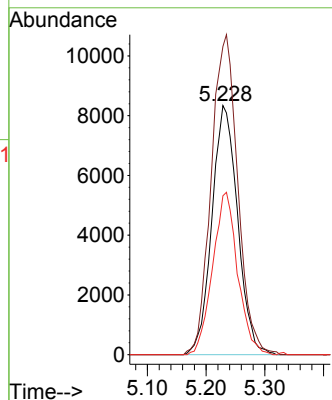
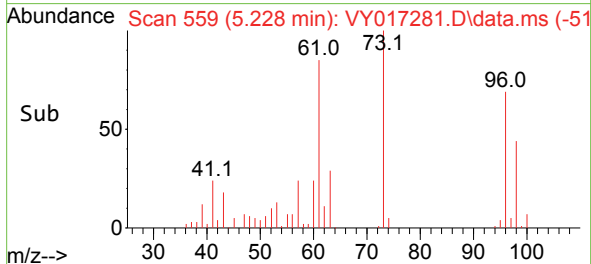


#21
trans-1,2-Dichloroethene
Concen: 21.732 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

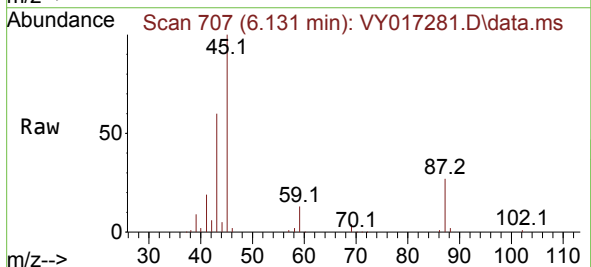
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01



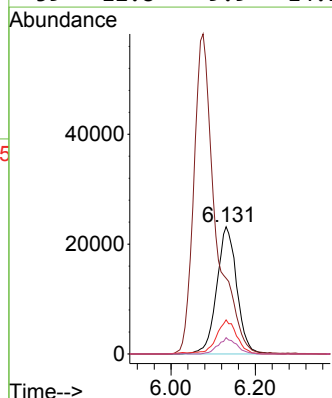
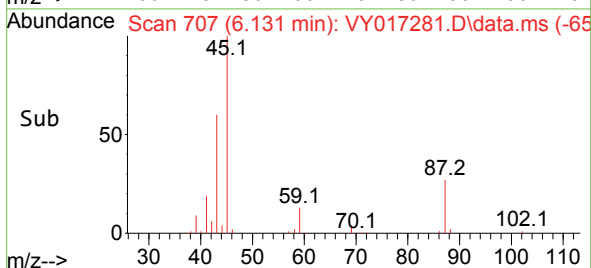
Tgt Ion: 96 Resp: 25401
Ion Ratio Lower Upper
96 100
61 123.7 104.6 156.8
98 63.8 50.9 76.3

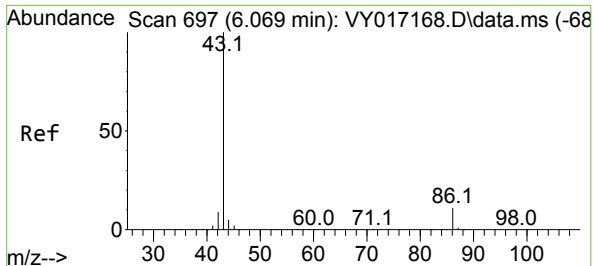


#22
Diisopropyl ether
Concen: 22.326 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52



Tgt Ion: 45 Resp: 76152
Ion Ratio Lower Upper
45 100
43 59.0 46.8 70.2
87 26.8 22.2 33.2
59 12.8 9.9 14.9

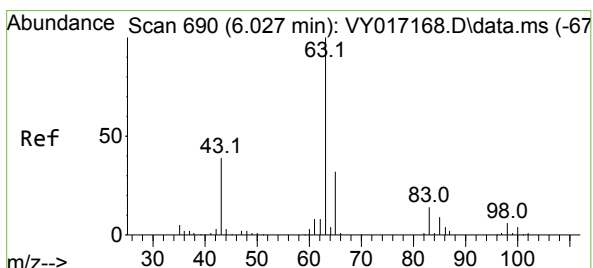
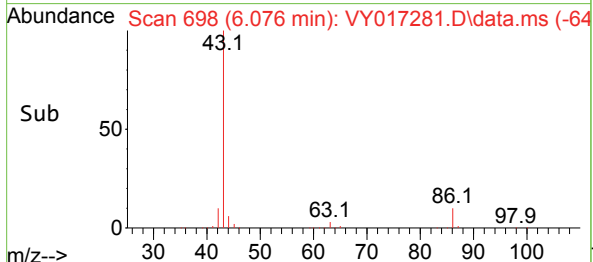
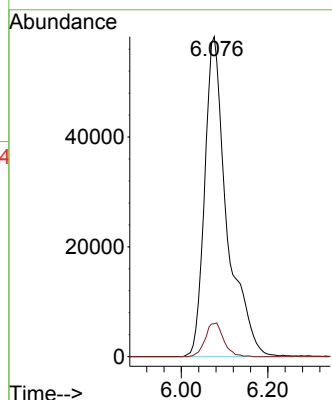
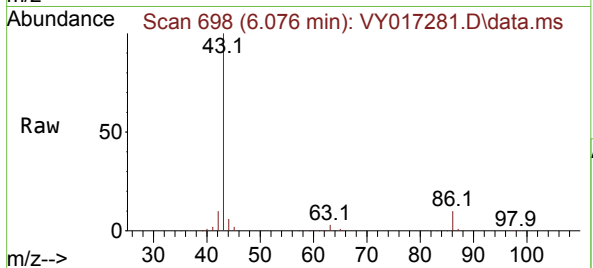




#23
 Vinyl Acetate
 Concen: 100.749 ug/l
 RT: 6.076 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY017281.D
 Acq: 07 Feb 2024 11:52

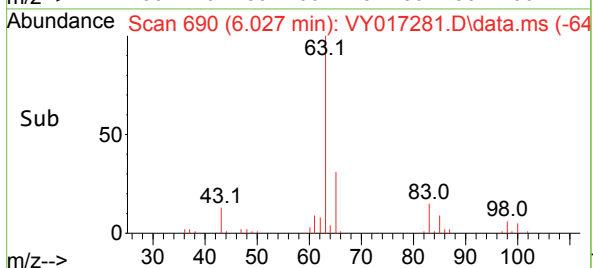
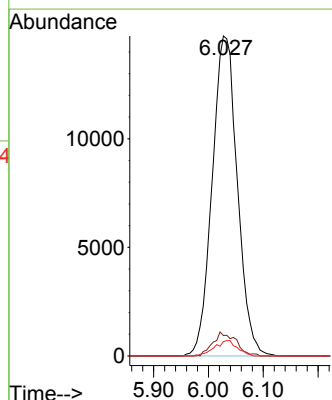
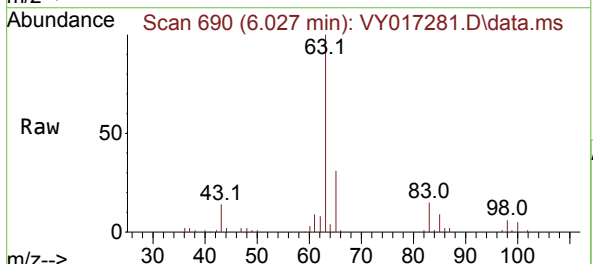
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Tgt Ion: 43 Resp: 208225
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.477 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017281.D
 Acq: 07 Feb 2024 11:52

Tgt Ion: 63 Resp: 46967
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 85.620 ug/l

RT: 7.015 min Scan# 8

Delta R.T. 0.025 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

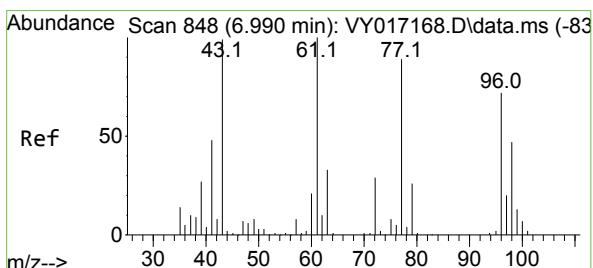
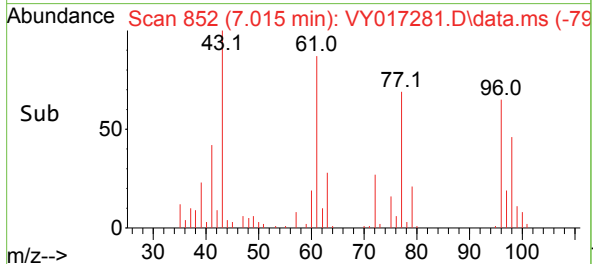
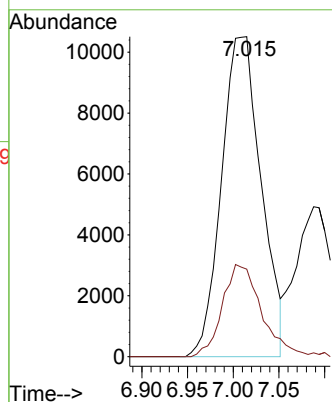
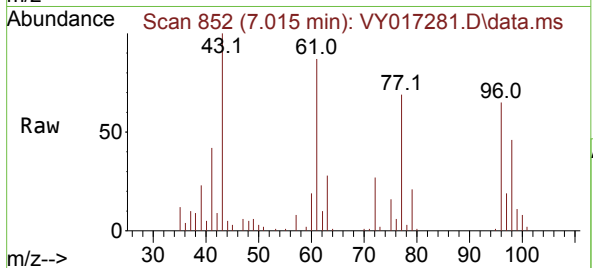
VY0207SBS01

Tgt Ion: 43 Resp: 31677

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 23.036 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017281.D

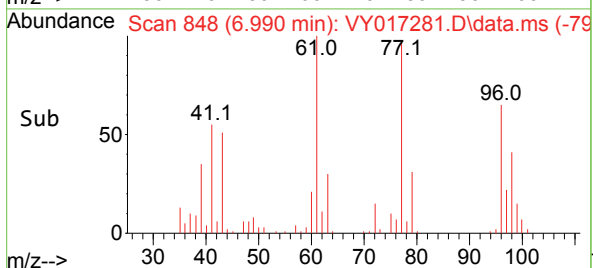
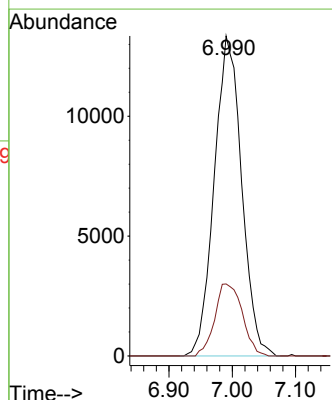
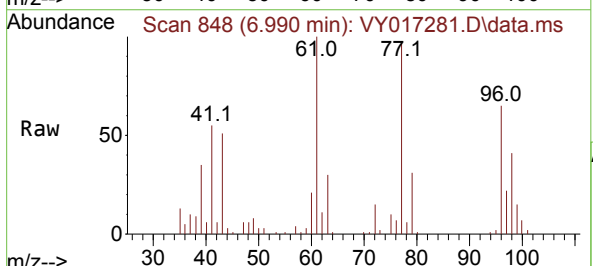
Acq: 07 Feb 2024 11:52

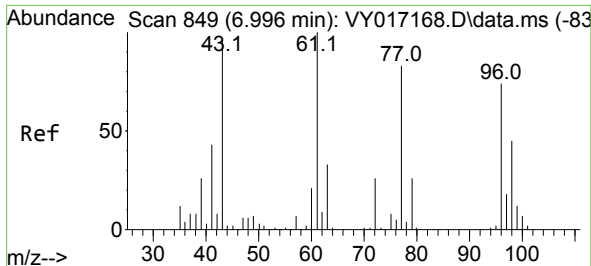
Tgt Ion: 77 Resp: 40038

Ion Ratio Lower Upper

77 100

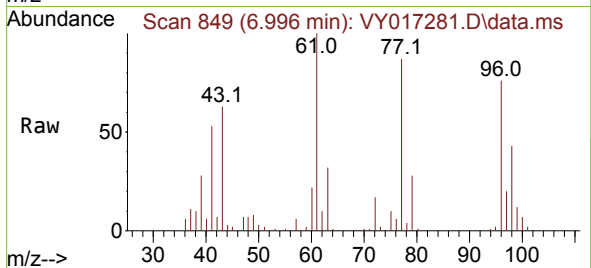
97 22.7 11.7 35.0



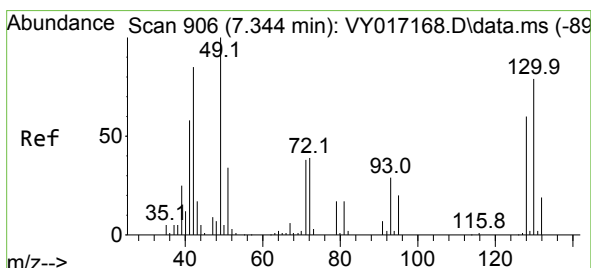
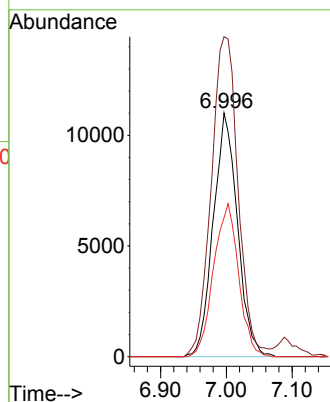
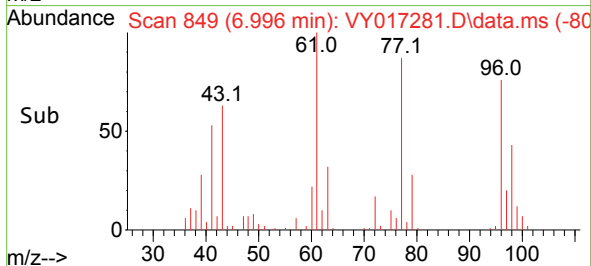


#27
cis-1,2-Dichloroethene
Concen: 21.591 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

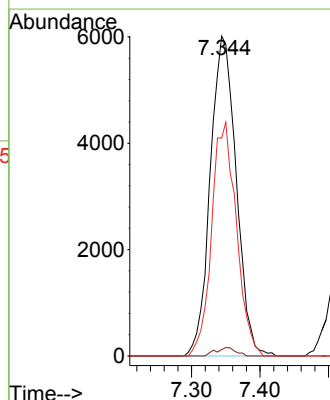
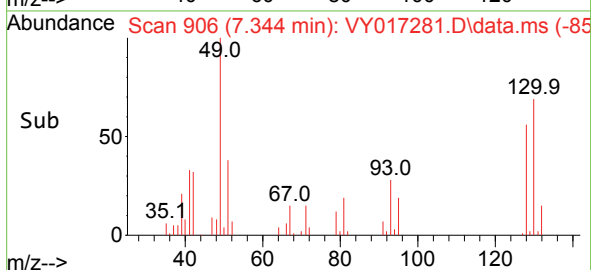
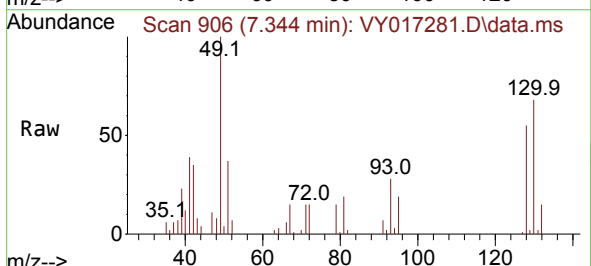


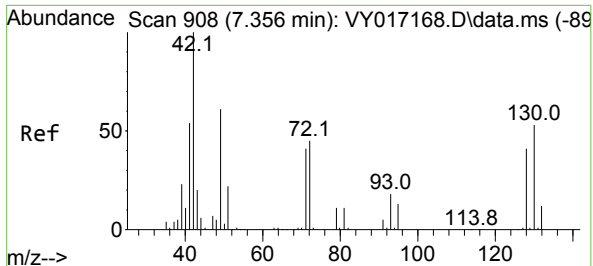
Tgt Ion: 96	Resp: 28225
Ion Ratio	Lower Upper
96 100	
61 145.3	0.0 278.8
98 64.8	0.0 127.0



#28
Bromochloromethane
Concen: 19.743 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 49	Resp: 15796
Ion Ratio	Lower Upper
49 100	
129 2.0	0.0 3.8
130 69.6	59.8 89.8





#29

Tetrahydrofuran

Concen: 82.963 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.013 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

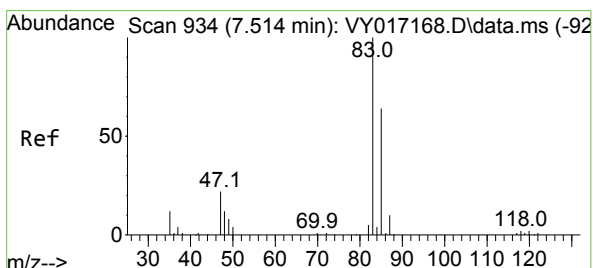
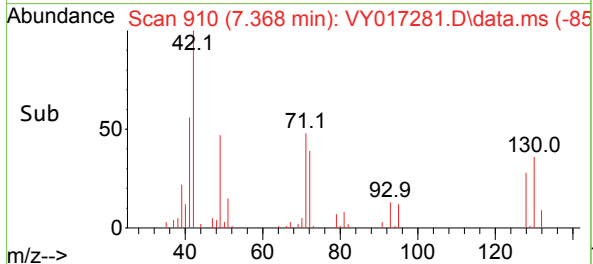
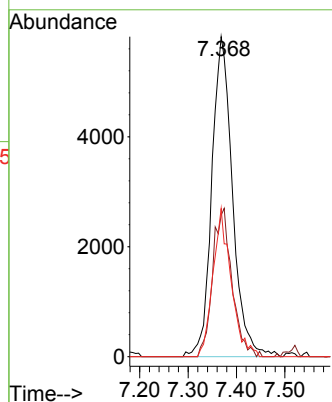
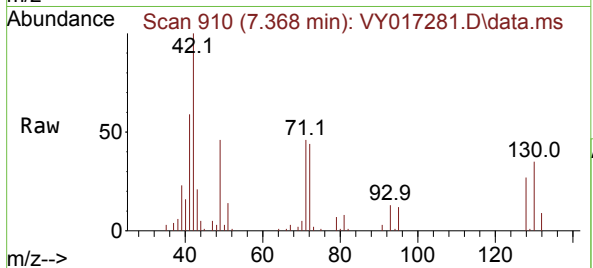
Tgt Ion: 42 Resp: 17339

Ion Ratio Lower Upper

42 100

72 43.4 36.6 54.8

71 40.7 33.8 50.6



#30

Chloroform

Concen: 22.541 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017281.D

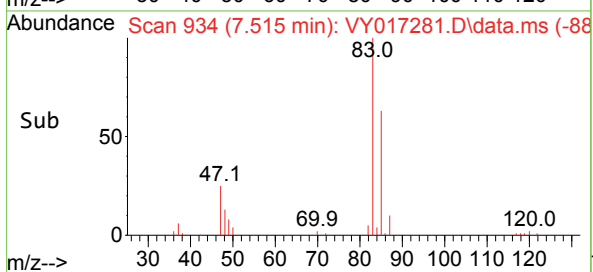
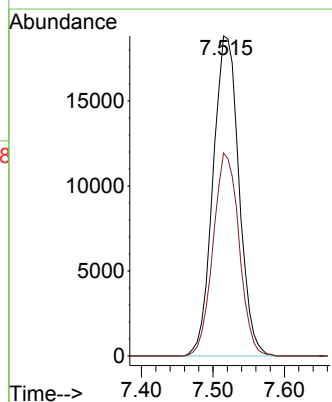
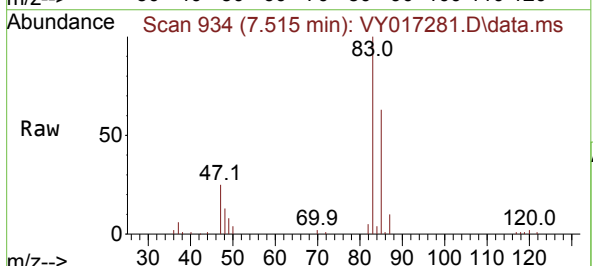
Acq: 07 Feb 2024 11:52

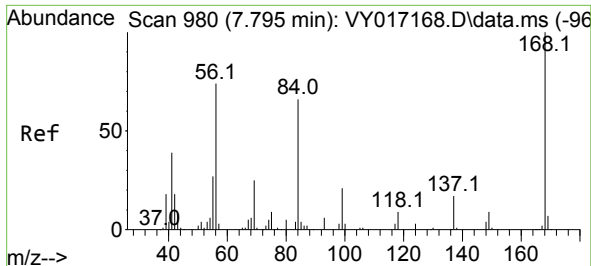
Tgt Ion: 83 Resp: 47382

Ion Ratio Lower Upper

83 100

85 63.4 51.2 76.8

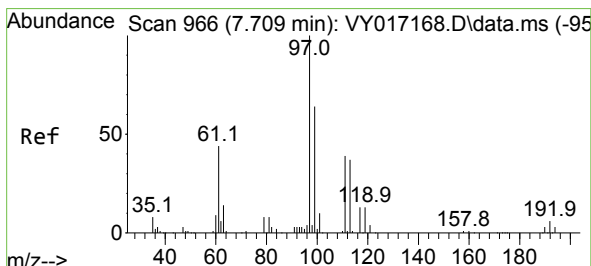
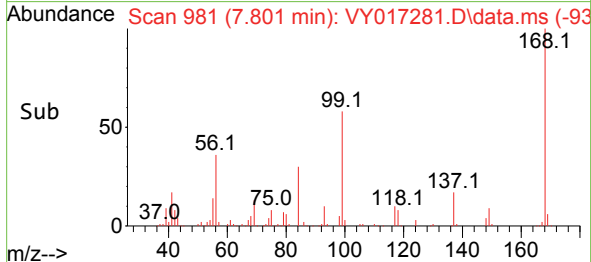
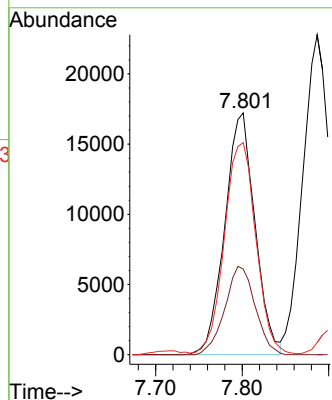
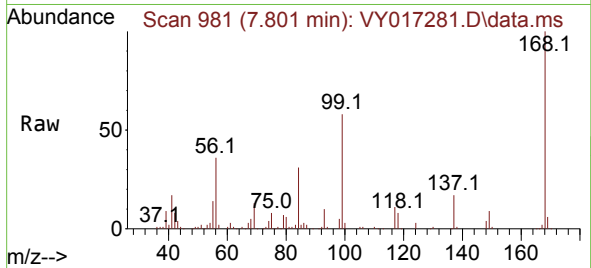




#31
Cyclohexane
Concen: 21.877 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

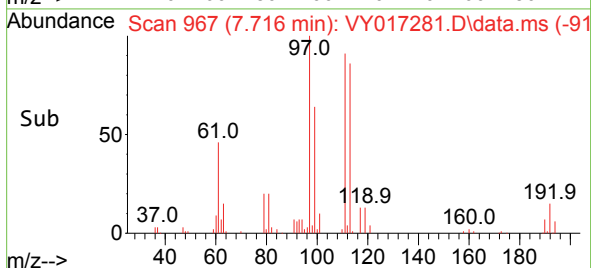
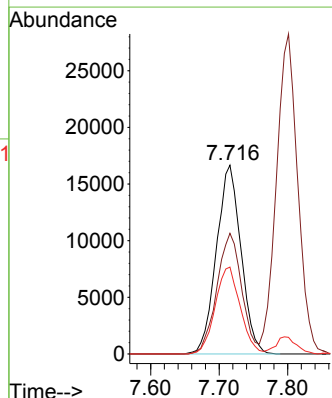
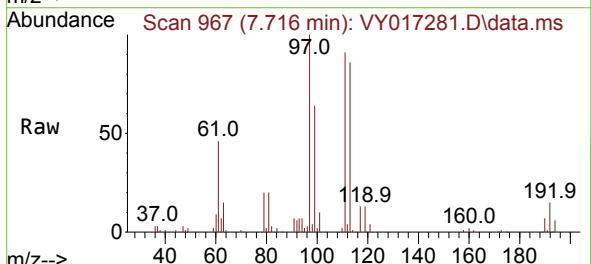
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

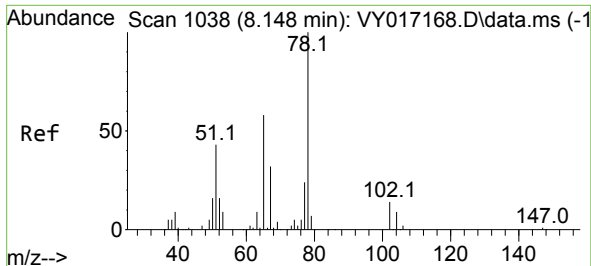
Tgt Ion: 56 Resp: 41753
Ion Ratio Lower Upper
56 100
69 35.4 27.0 40.6
84 86.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 22.920 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 97 Resp: 41440
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 46.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.575 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

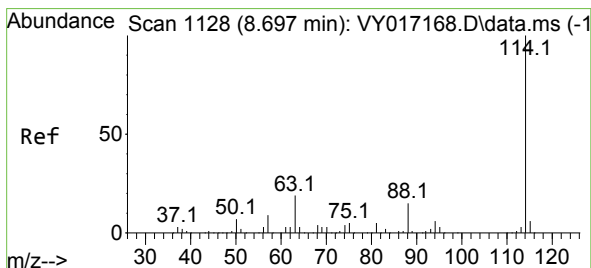
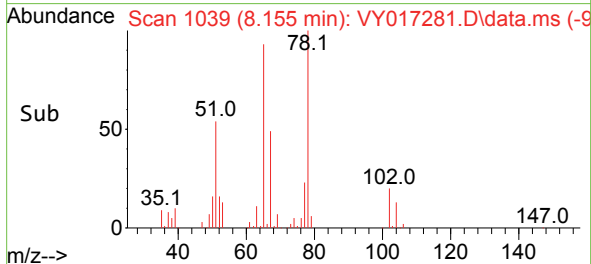
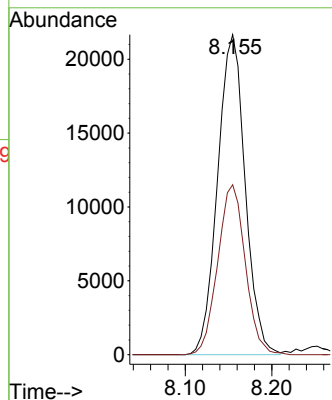
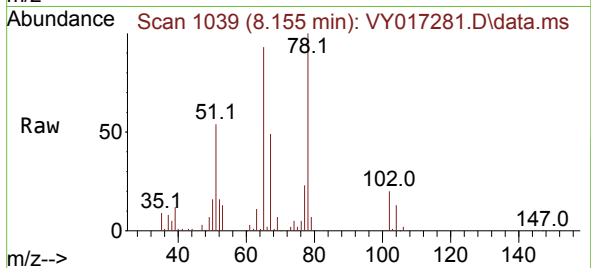
VY0207SBS01

Tgt Ion: 65 Resp: 47889

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

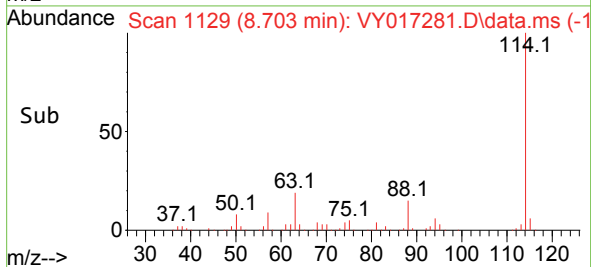
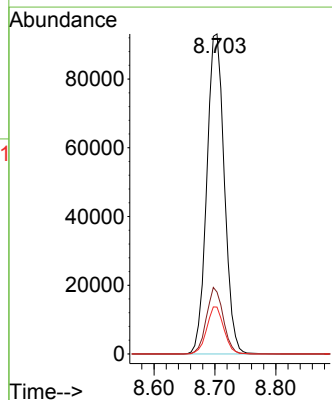
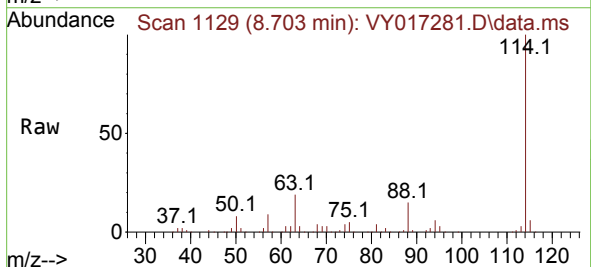
Tgt Ion: 114 Resp: 185951

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.6 0.0 29.0

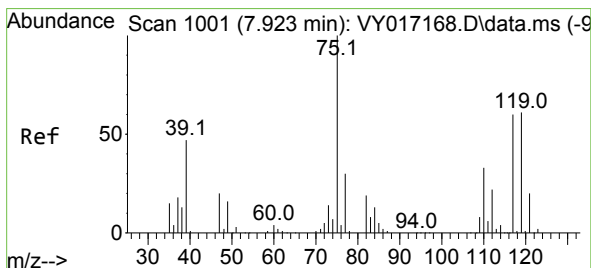
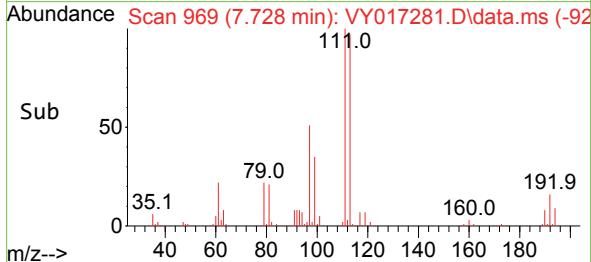
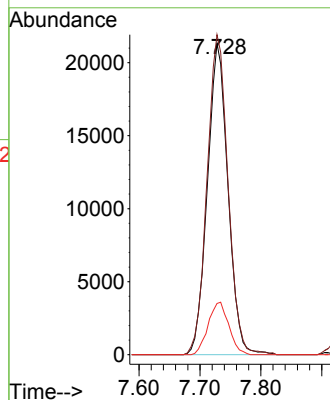
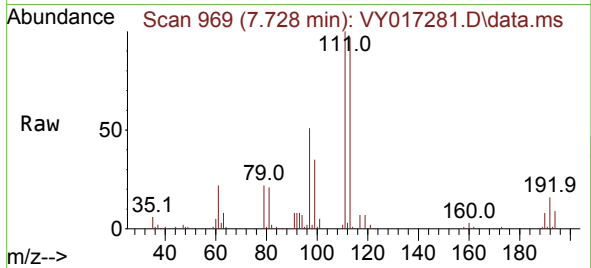




#35
Dibromofluoromethane
Concen: 49.856 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

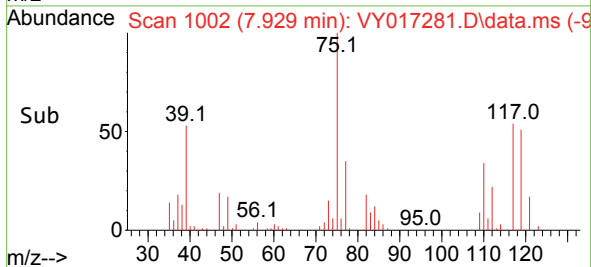
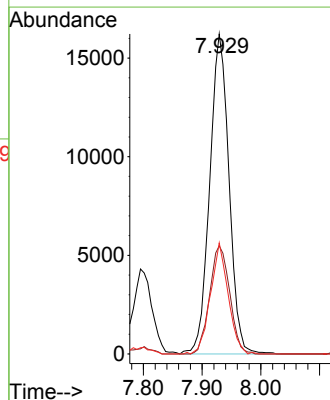
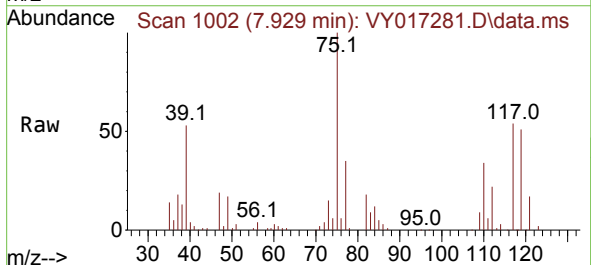
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

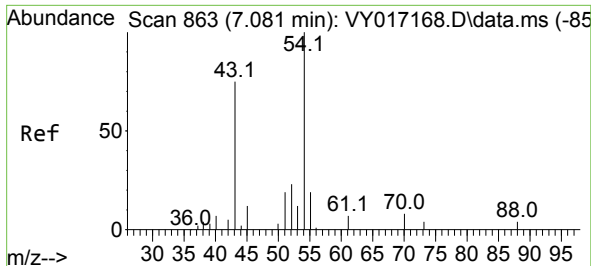
Tgt Ion:	113	Resp:	50056
Ion Ratio	Lower	Upper	
113	100		
111	104.5	83.8	125.6
192	16.9	14.5	21.7



#36
1,1-Dichloropropene
Concen: 21.389 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion:	75	Resp:	37043
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.4	52.3
77	32.0	24.7	37.1





#37

Ethyl Acetate

Concen: 17.516 ug/l

RT: 7.088 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

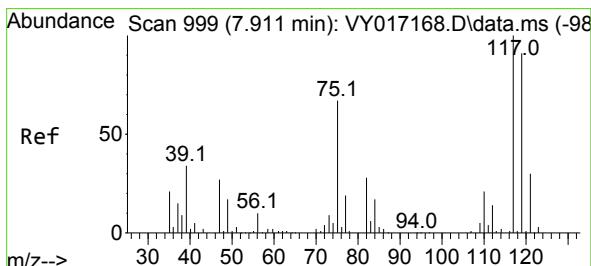
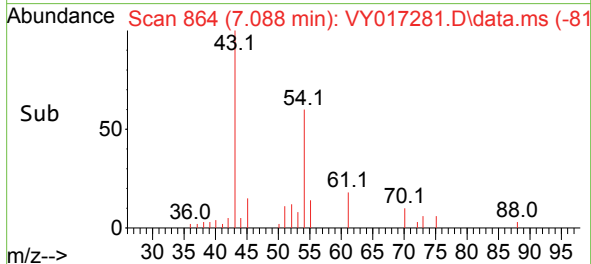
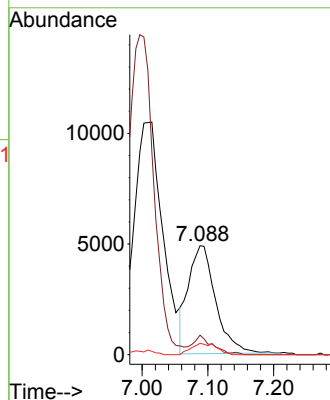
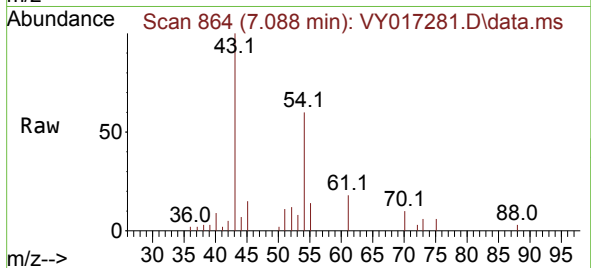
Tgt Ion: 43 Resp: 14070

Ion Ratio Lower Upper

43 100

61 13.3 11.0 16.6

70 9.7 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.886 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

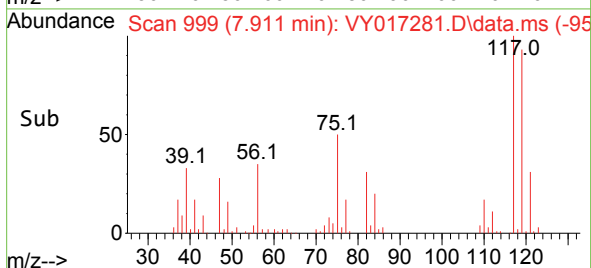
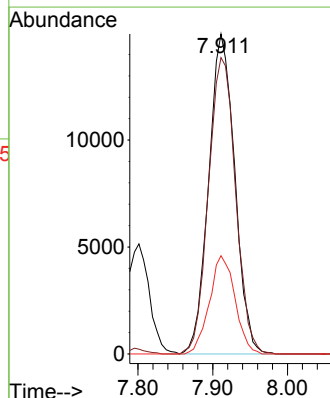
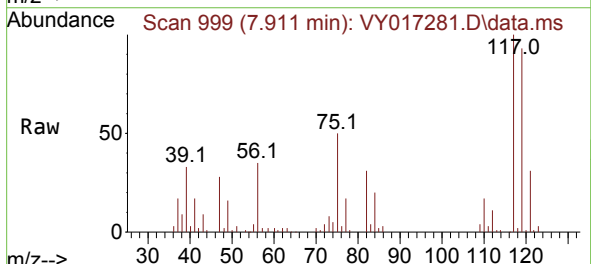
Tgt Ion: 117 Resp: 36291

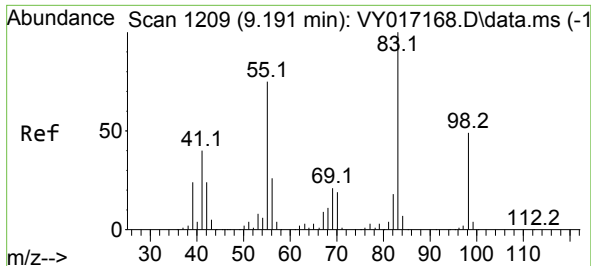
Ion Ratio Lower Upper

117 100

119 92.6 76.0 114.0

121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 21.009 ug/l

RT: 9.197 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

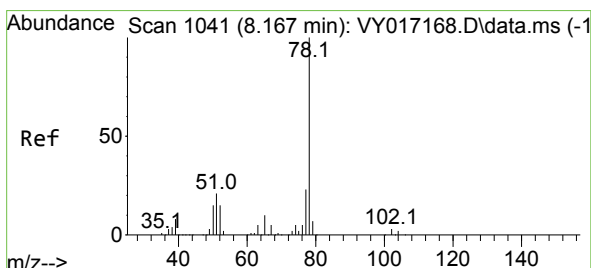
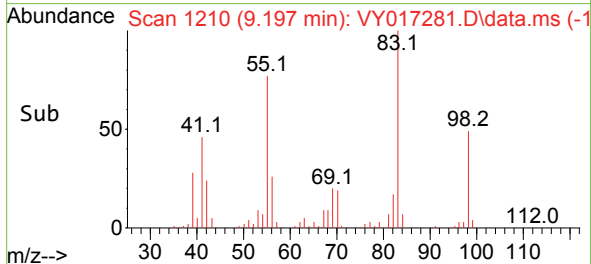
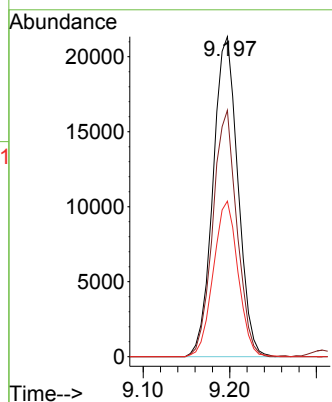
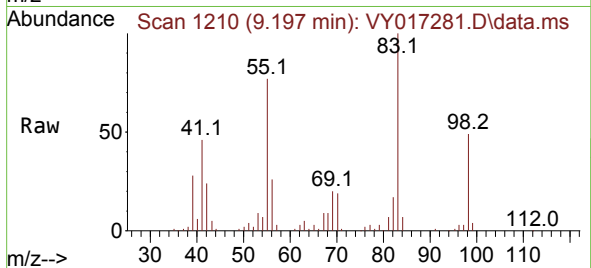
Tgt Ion: 83 Resp: 42506

Ion Ratio Lower Upper

83 100

55 77.0 59.7 89.5

98 48.6 38.0 57.0



#40

Benzene

Concen: 21.345 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.007 min

Lab File: VY017281.D

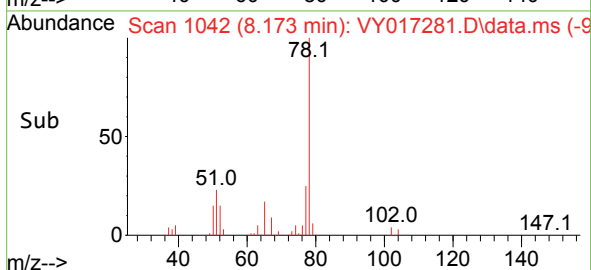
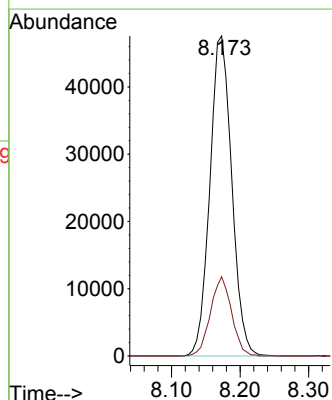
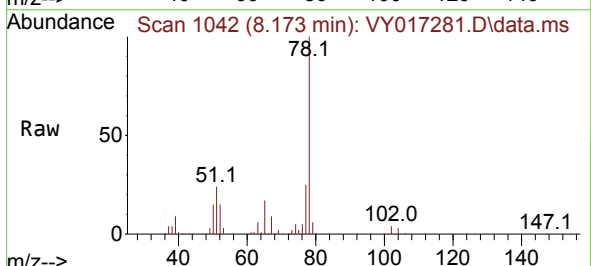
Acq: 07 Feb 2024 11:52

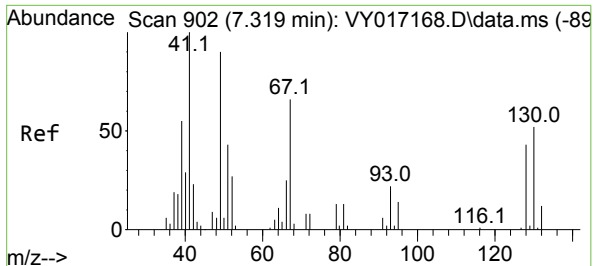
Tgt Ion: 78 Resp: 105564

Ion Ratio Lower Upper

78 100

77 24.7 18.8 28.2



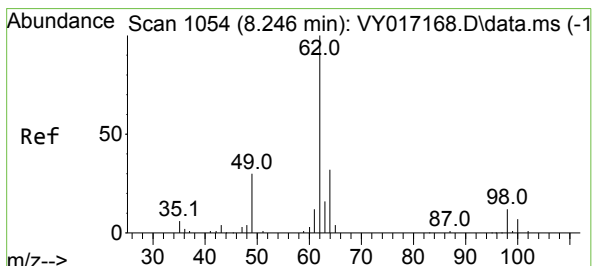
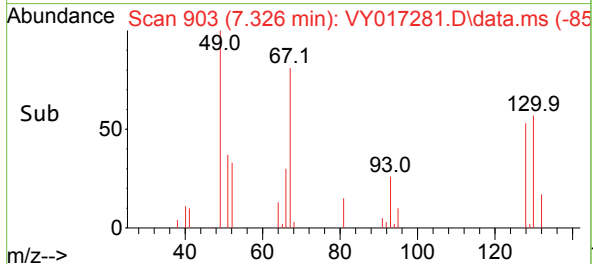
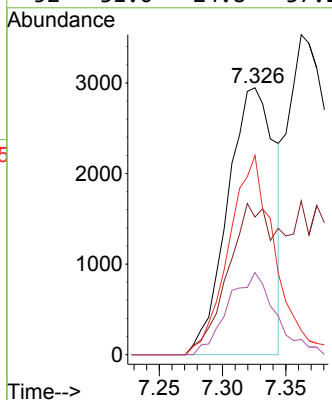
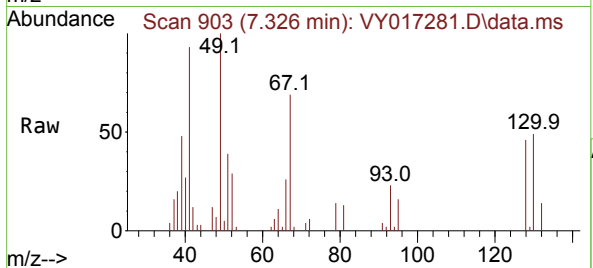


#41
Methacrylonitrile
Concen: 20.143 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

Tgt Ion: 41 Resp: 7666

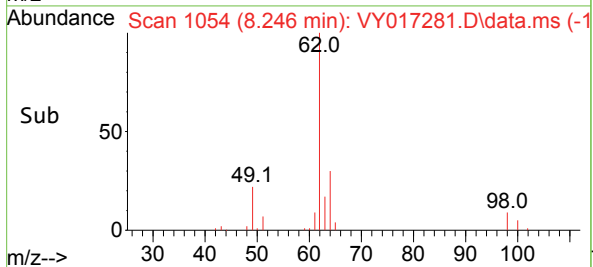
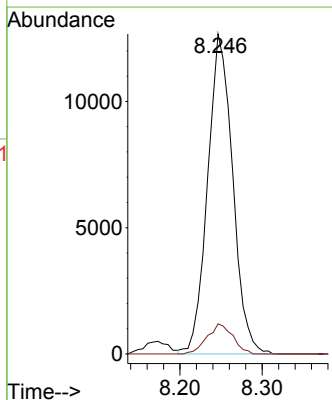
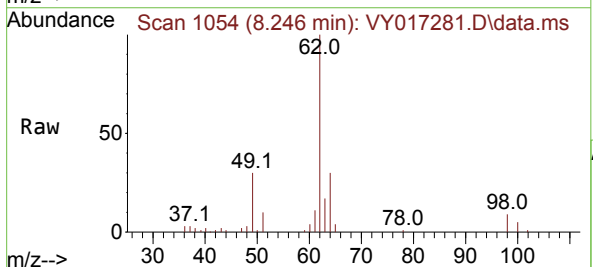
Ion	Ratio	Lower	Upper
41	100		
39	62.0	41.9	62.9
67	72.9	59.8	89.6
52	31.0	24.8	37.2

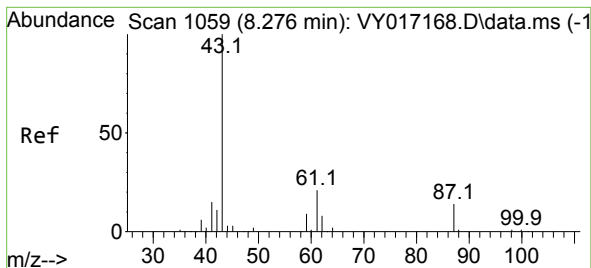


#42
1,2-Dichloroethane
Concen: 20.489 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 62 Resp: 26830

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.950 ug/l

RT: 8.289 min Scan# 1106

Delta R.T. 0.013 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

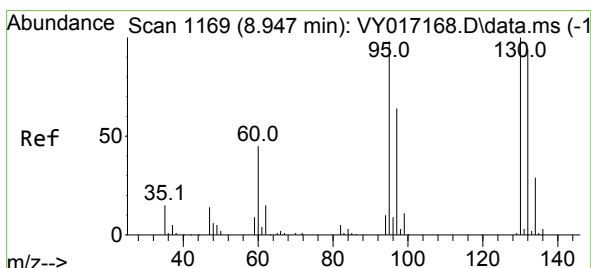
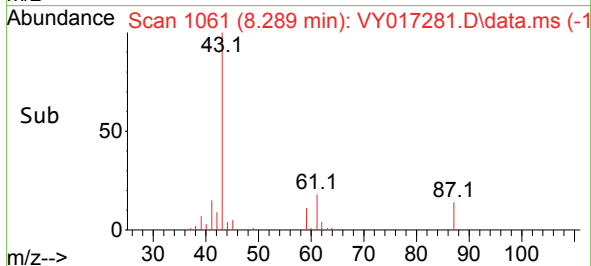
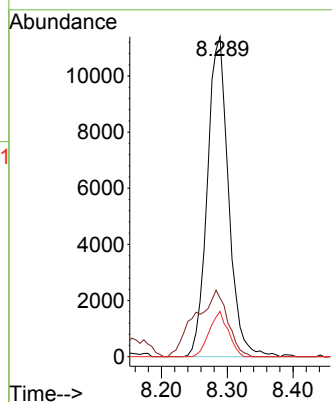
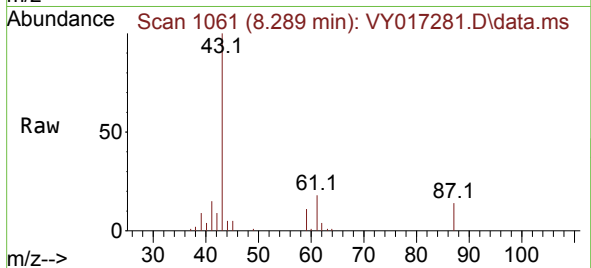
Tgt Ion: 43 Resp: 25524

Ion Ratio Lower Upper

43 100

61 31.7 24.8 37.2

87 12.7 10.7 16.1



#44

Trichloroethene

Concen: 21.362 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.007 min

Lab File: VY017281.D

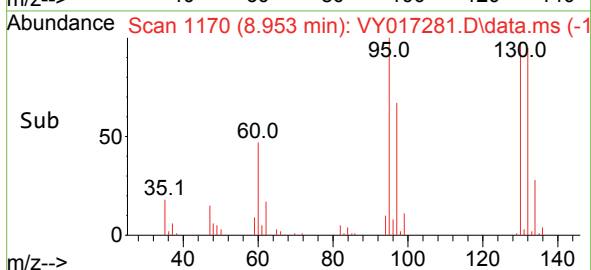
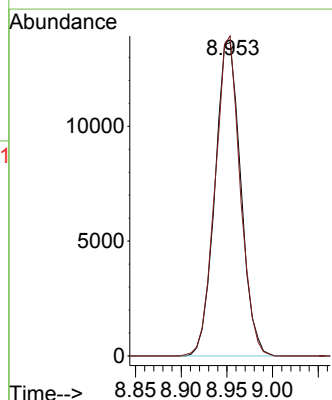
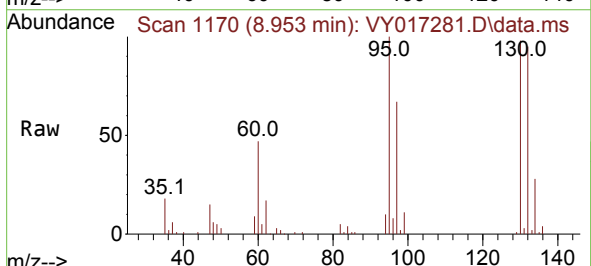
Acq: 07 Feb 2024 11:52

Tgt Ion:130 Resp: 26818

Ion Ratio Lower Upper

130 100

95 102.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.490 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

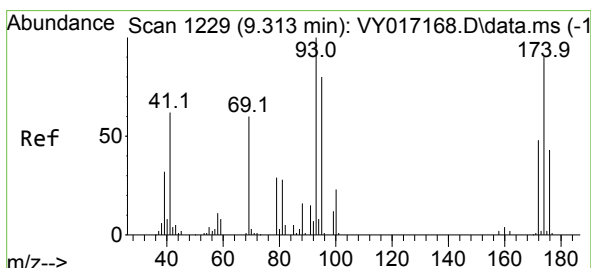
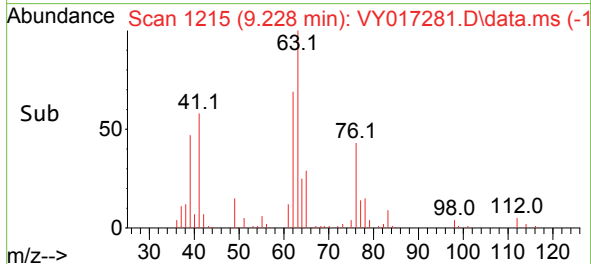
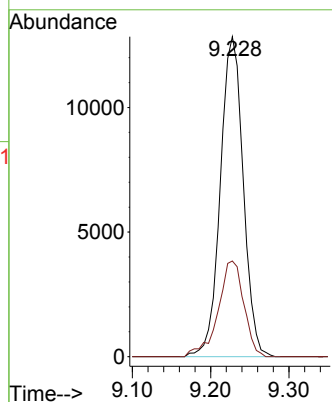
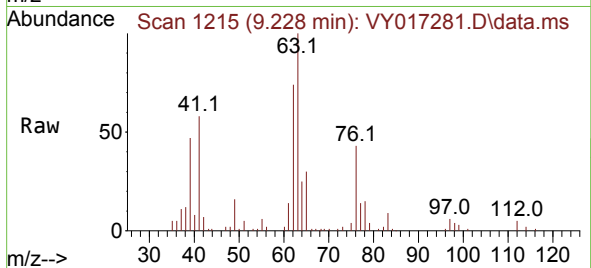
VY0207SBS01

Tgt Ion: 63 Resp: 26106

Ion Ratio Lower Upper

63 100

65 29.9 24.6 36.8



#46

Dibromomethane

Concen: 19.599 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

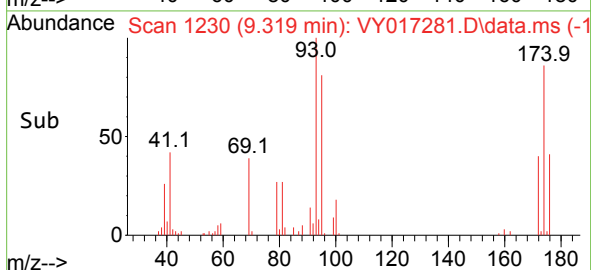
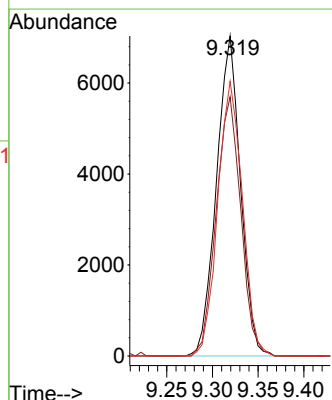
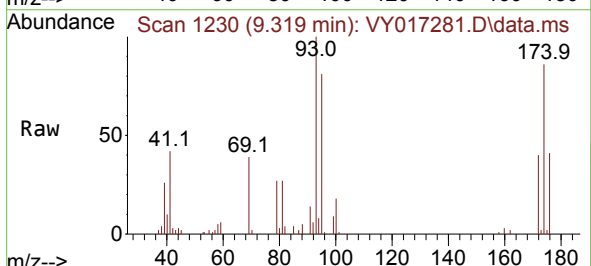
Tgt Ion: 93 Resp: 12861

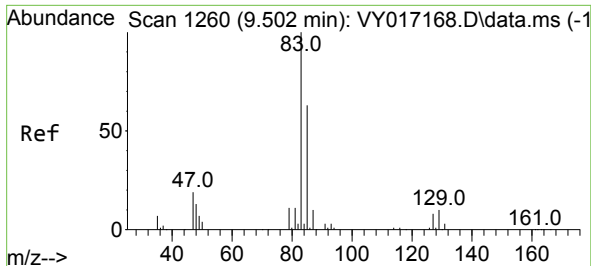
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 87.7 73.8 110.6

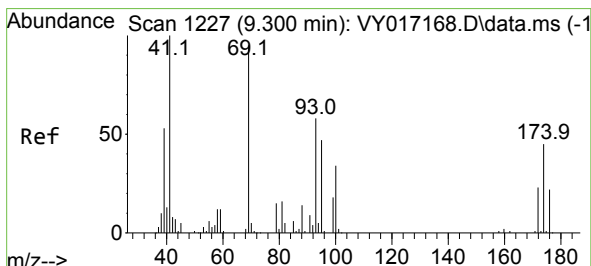
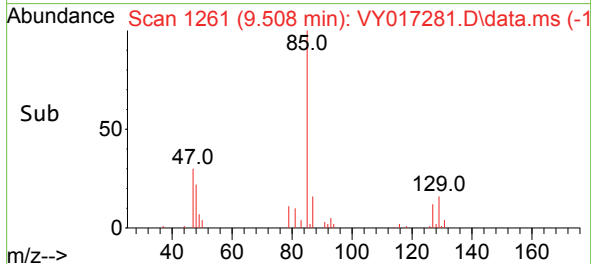
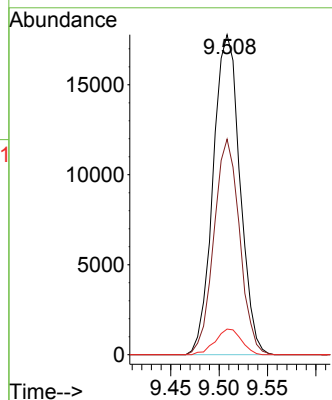
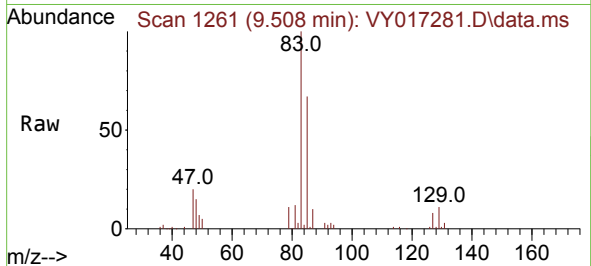




#47
Bromodichloromethane
Concen: 20.867 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

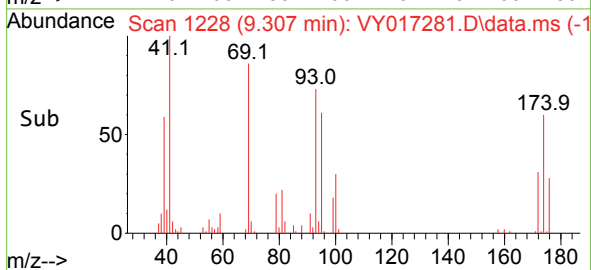
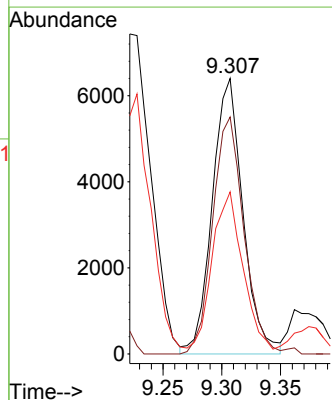
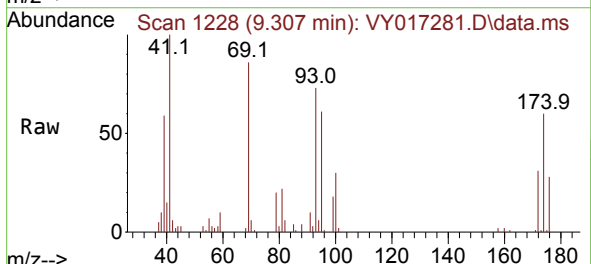
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

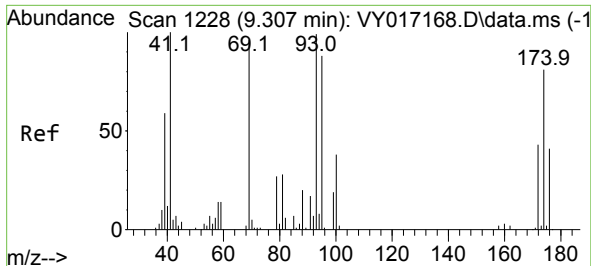
Tgt Ion: 83 Resp: 34269
Ion Ratio Lower Upper
83 100
85 67.3 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 17.487 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 41 Resp: 11663
Ion Ratio Lower Upper
41 100
69 87.9 72.1 108.1
39 56.5 42.8 64.2

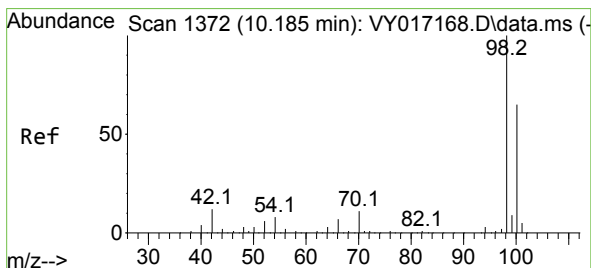
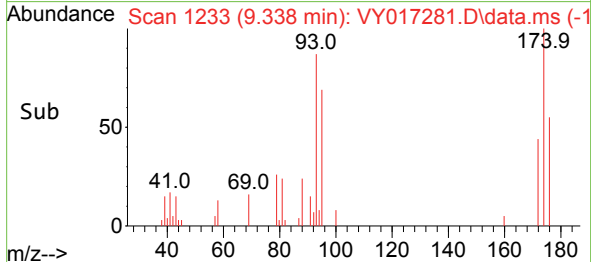
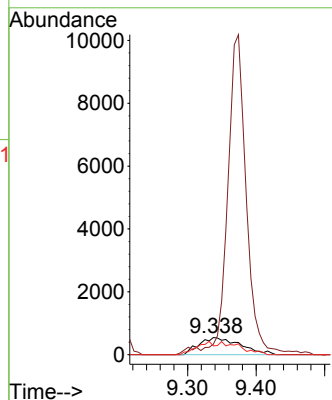
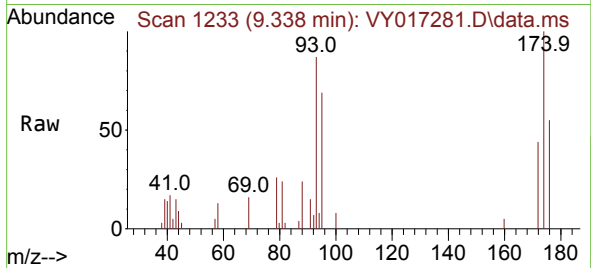




#49
1,4-Dioxane
Concen: 320.338 ug/l
RT: 9.338 min Scan# 1228
Delta R.T. 0.031 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

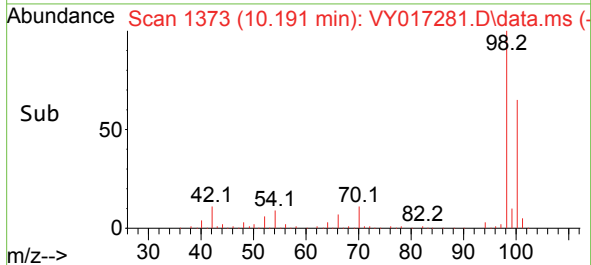
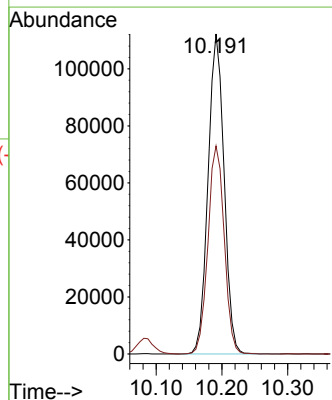
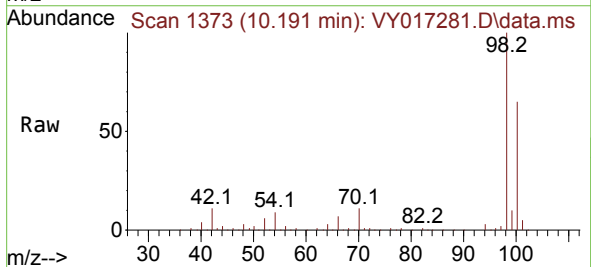
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

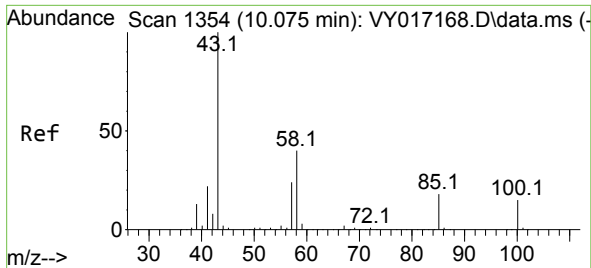
Tgt Ion: 88 Resp: 2288
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 35.8 52.2 78.2#



#50
Toluene-d8
Concen: 51.966 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 98 Resp: 189964
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5

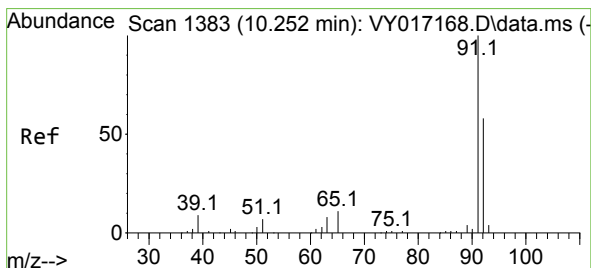
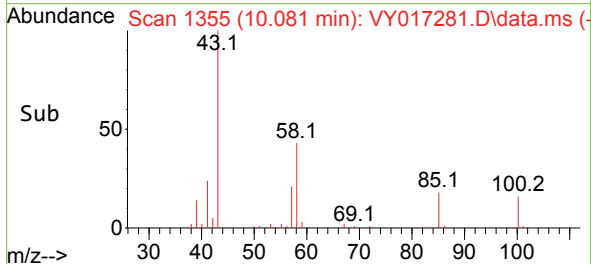
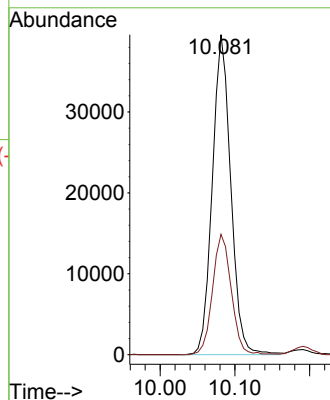
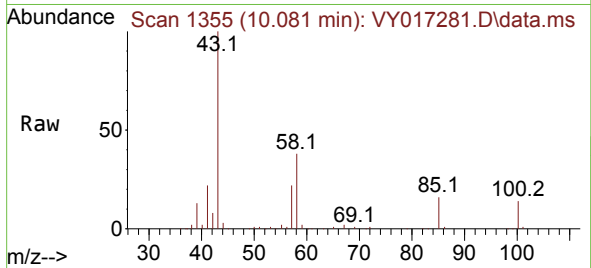




#51
4-Methyl-2-Pentanone
Concen: 89.171 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

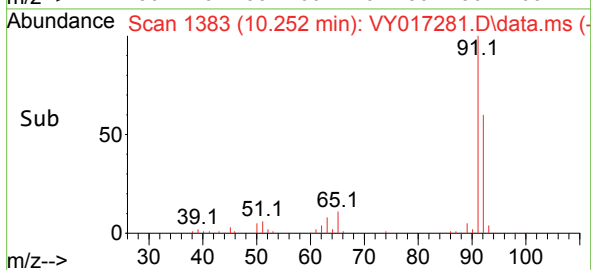
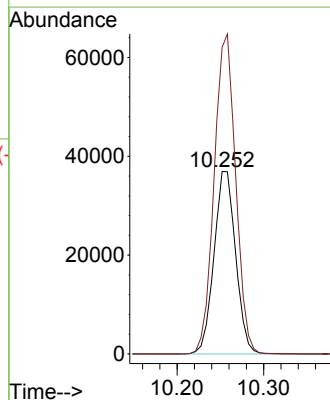
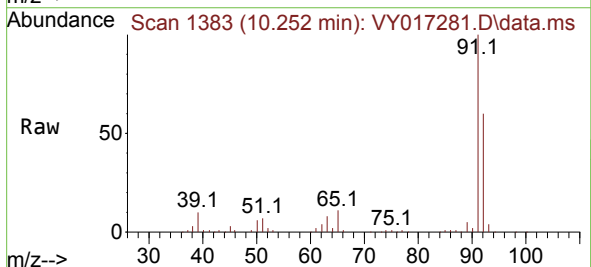
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

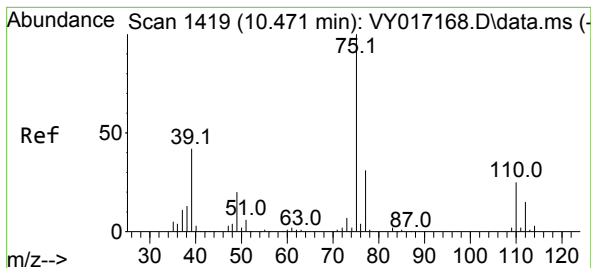
Tgt Ion: 43 Resp: 67968
Ion Ratio Lower Upper
43 100
58 38.2 32.2 48.2



#52
Toluene
Concen: 21.464 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 92 Resp: 64075
Ion Ratio Lower Upper
92 100
91 174.3 137.6 206.4

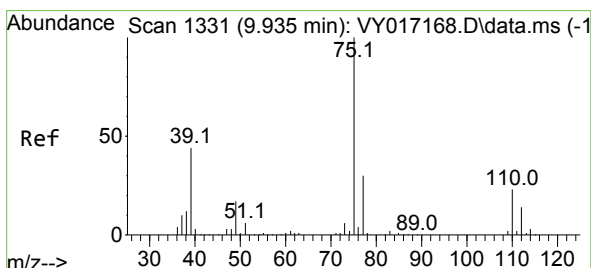
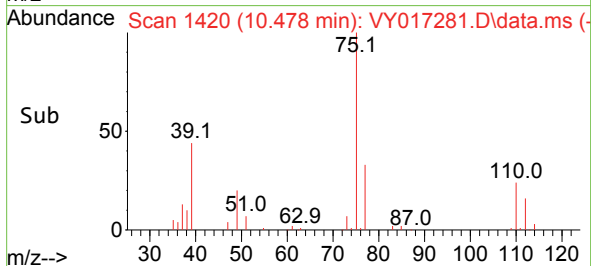
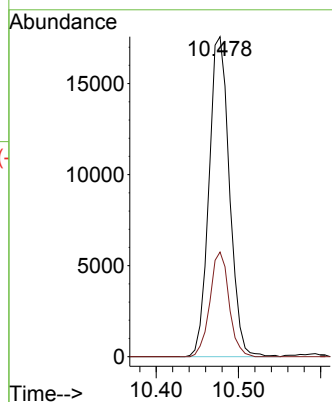
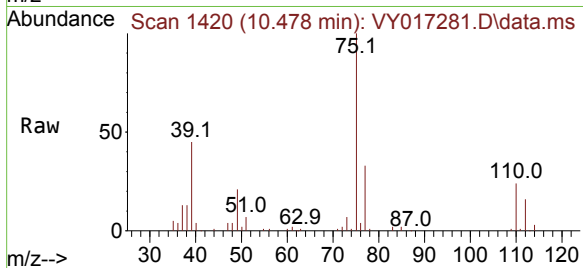




#53
t-1,3-Dichloropropene
Concen: 19.711 ug/l
RT: 10.478 min Scan# 1419
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

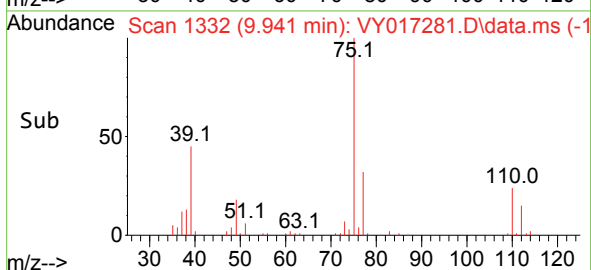
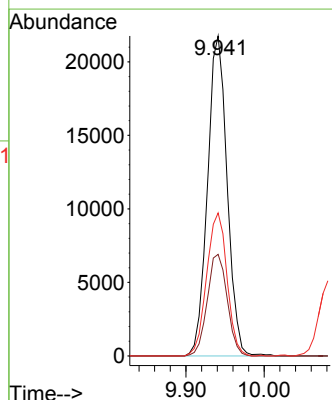
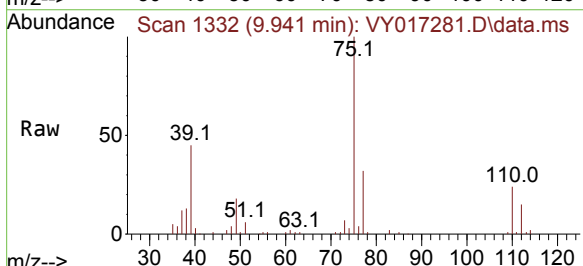
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

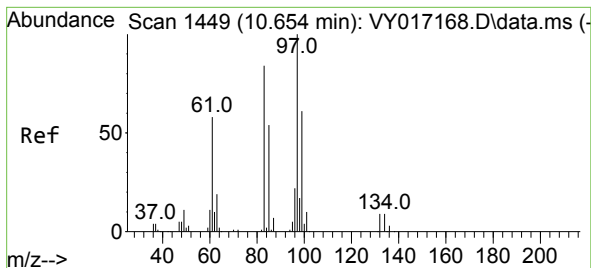
Tgt Ion: 75 Resp: 30405
Ion Ratio Lower Upper
75 100
77 32.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.463 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 75 Resp: 37808
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 44.7 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 19.793 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

Tgt Ion: 97 Resp: 17671

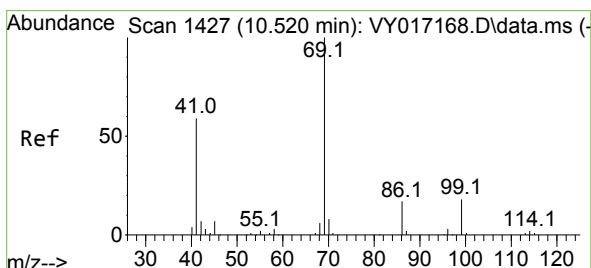
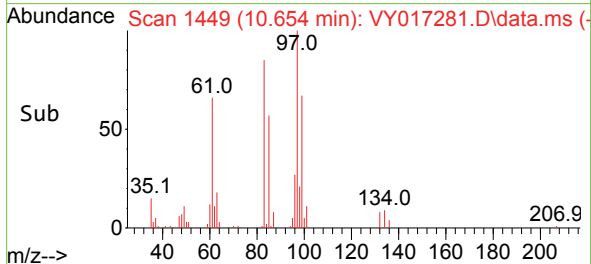
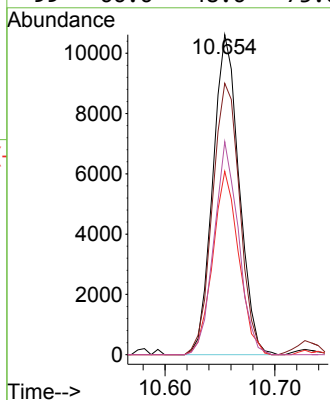
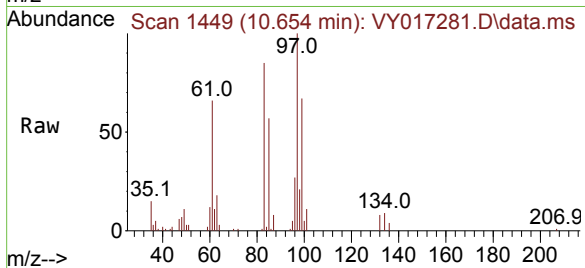
Ion Ratio Lower Upper

97 100

83 84.8 69.4 104.2

85 57.3 43.9 65.9

99 66.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.181 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

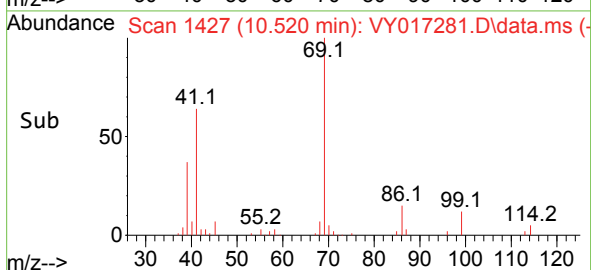
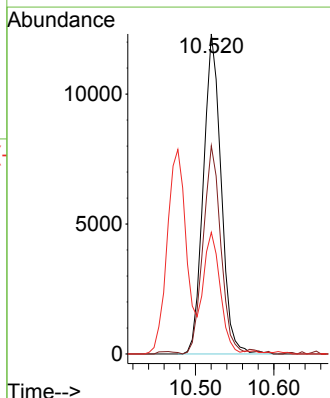
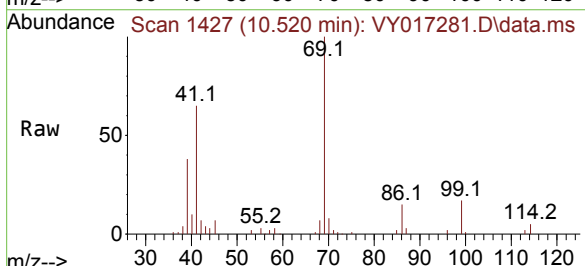
Tgt Ion: 69 Resp: 19396

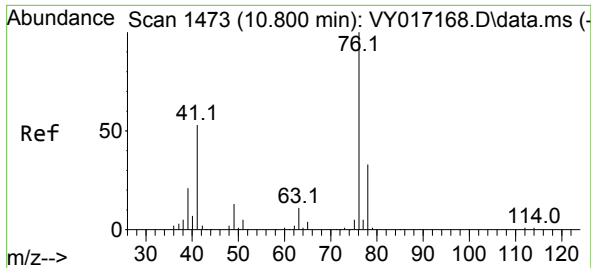
Ion Ratio Lower Upper

69 100

41 64.7 49.2 73.8

39 34.2 26.8 40.2

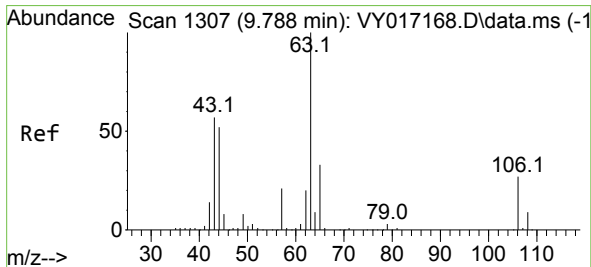
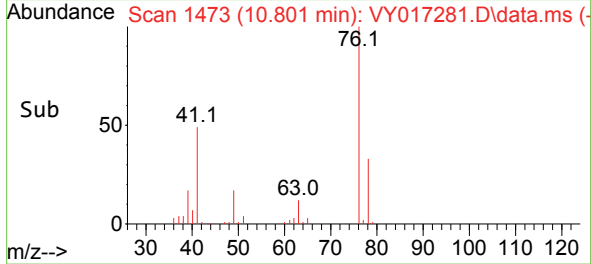
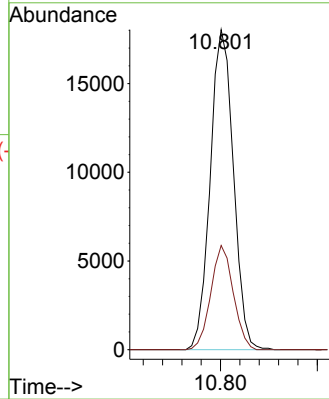
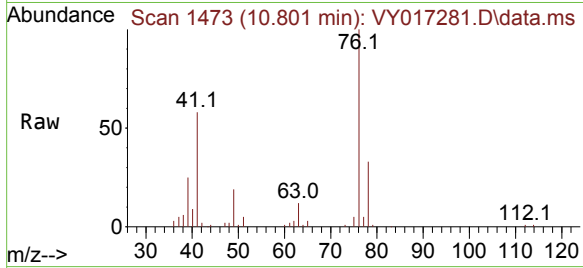




#57
1,3-Dichloropropane
Concen: 19.541 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

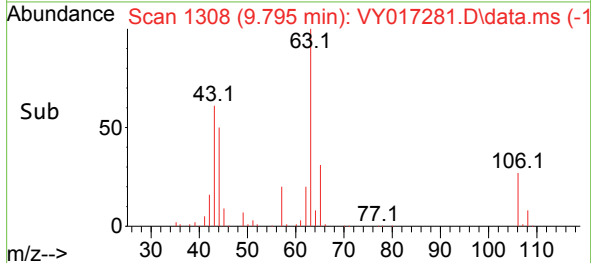
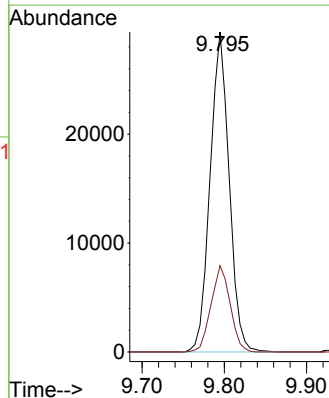
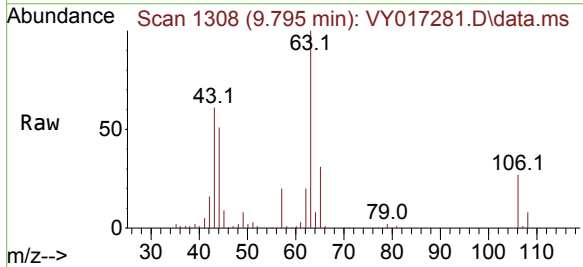
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

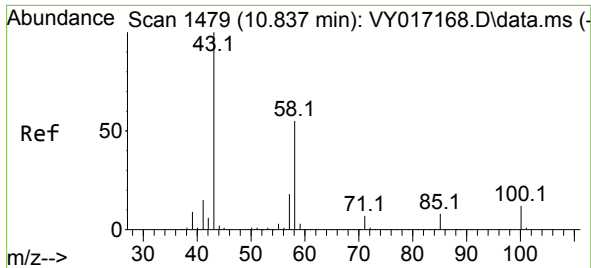
Tgt Ion: 76 Resp: 30008
Ion Ratio Lower Upper
76 100
78 31.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 84.943 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 63 Resp: 47246
Ion Ratio Lower Upper
63 100
106 27.0 22.4 33.6

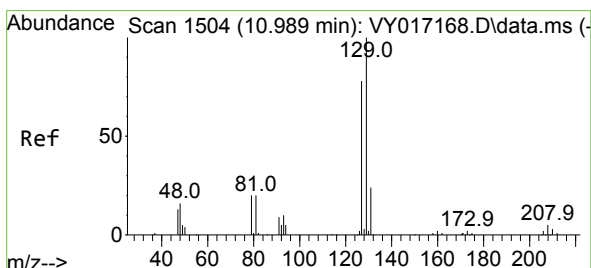
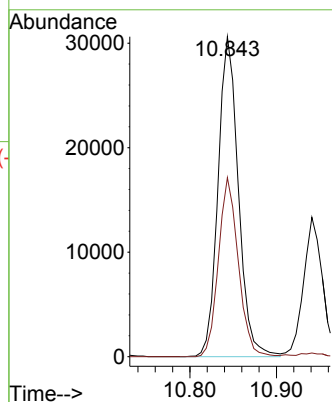
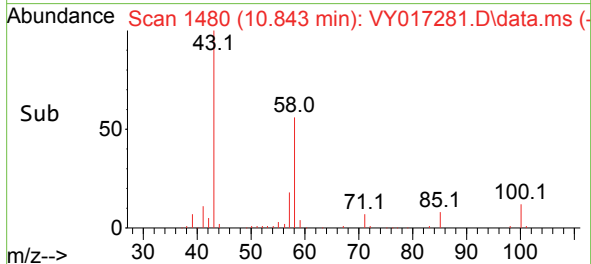
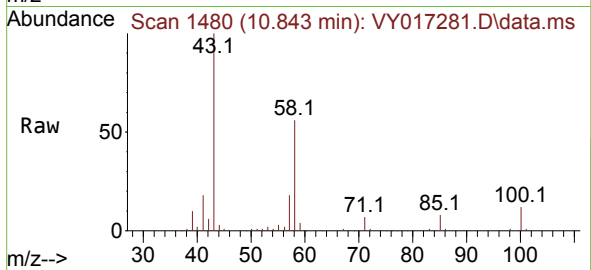




#59
2-Hexanone
Concen: 90.597 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

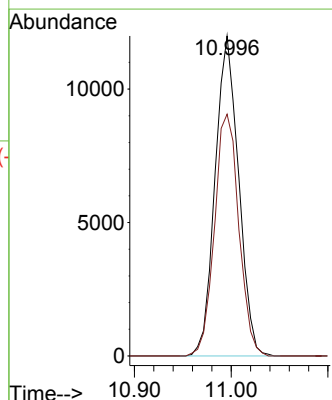
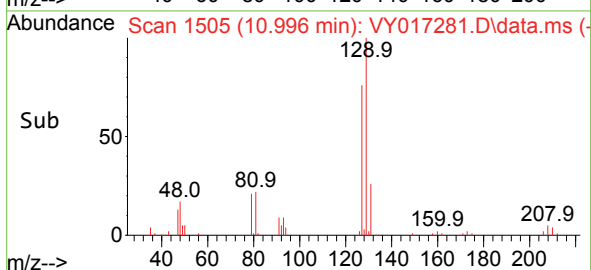
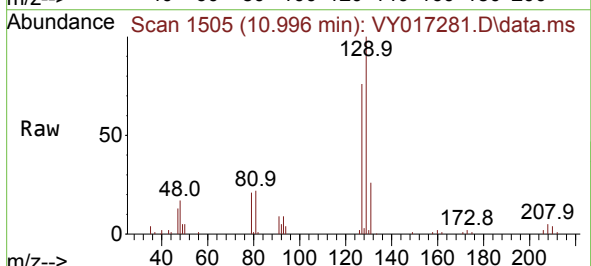
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

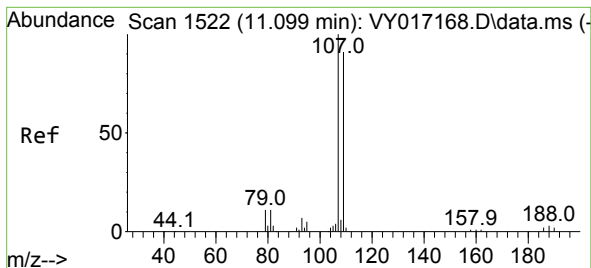
Tgt Ion: 43 Resp: 49934
Ion Ratio Lower Upper
43 100
58 54.7 28.1 84.3



#60
Dibromochloromethane
Concen: 19.296 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 129 Resp: 20210
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.573 ug/l

RT: 11.099 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

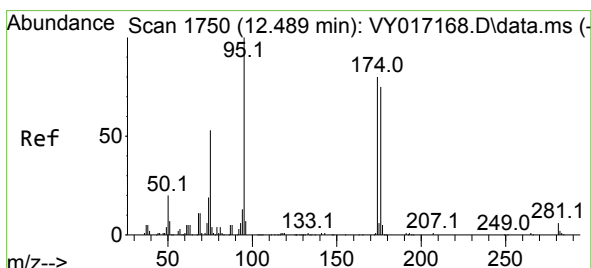
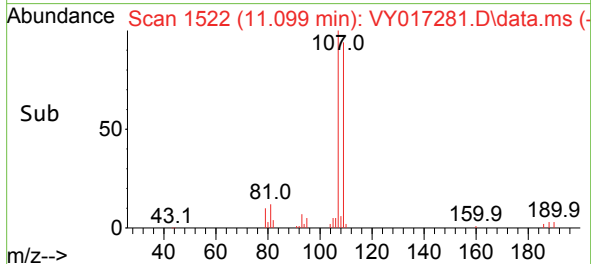
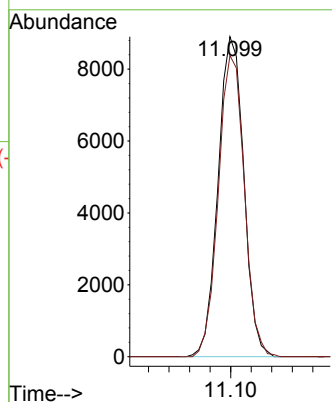
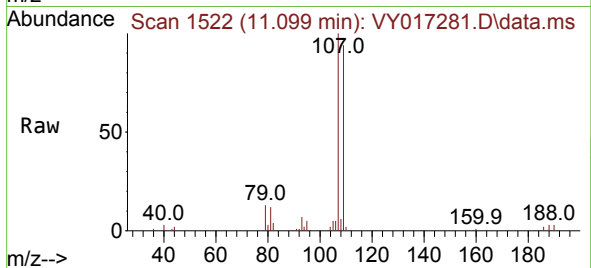
VY0207SBS01

Tgt Ion:107 Resp: 15422

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.154 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

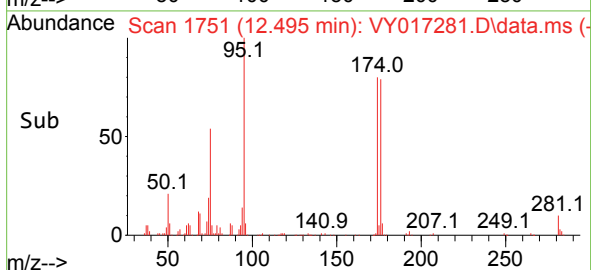
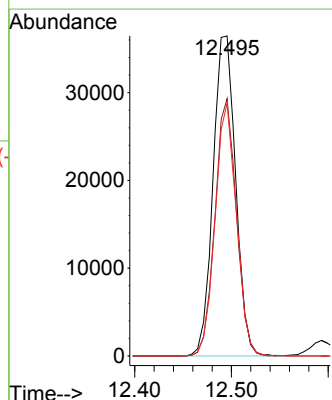
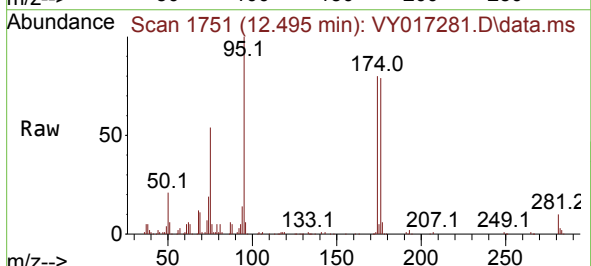
Tgt Ion: 95 Resp: 58862

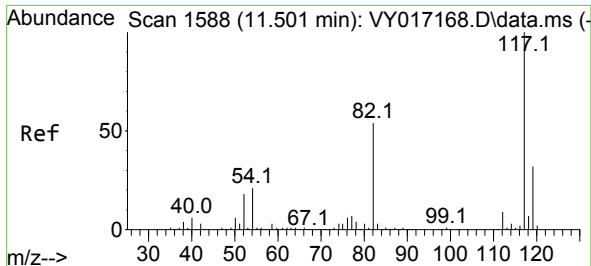
Ion Ratio Lower Upper

95 100

174 76.8 0.0 160.0

176 74.6 0.0 151.8

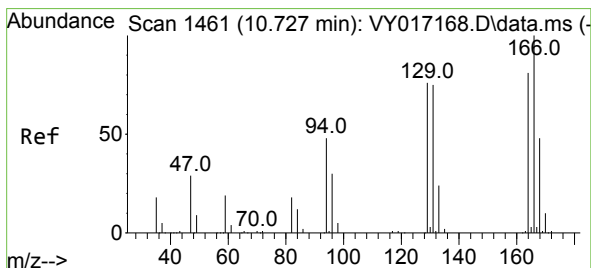
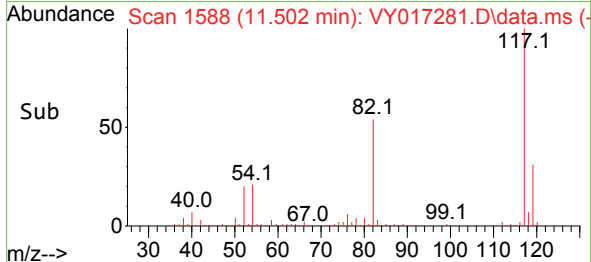
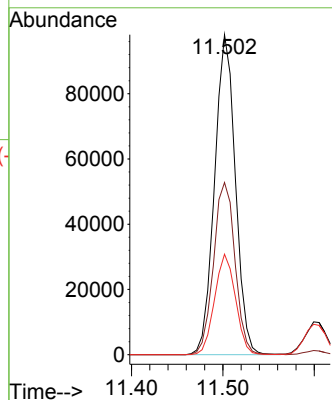
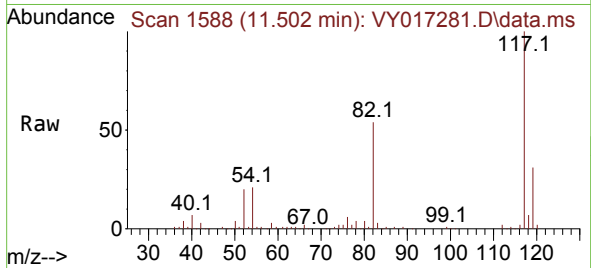




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

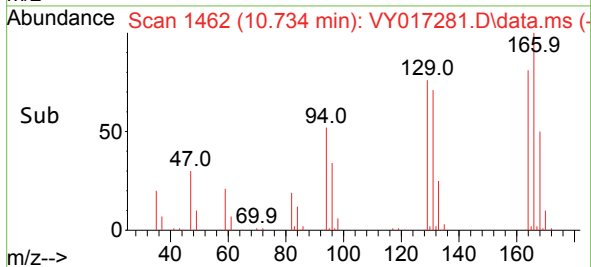
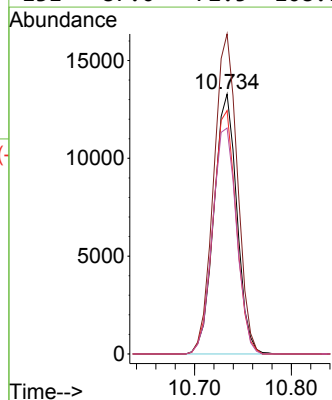
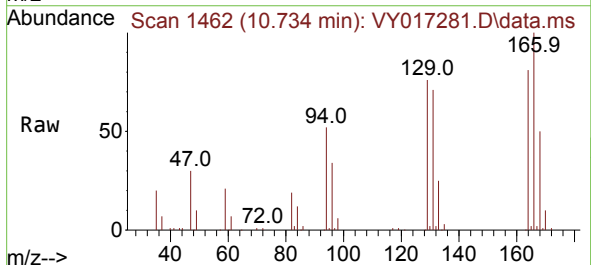
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

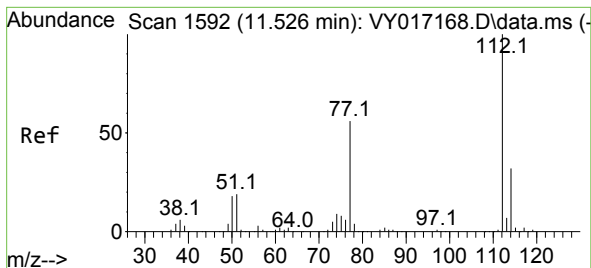
Tgt Ion:117 Resp: 155279
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 31.4 26.5 39.7



#64
Tetrachloroethene
Concen: 21.656 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion:164 Resp: 21839
Ion Ratio Lower Upper
164 100
166 123.2 98.8 148.2
129 93.7 78.9 118.3
131 87.0 72.5 108.7





#65

Chlorobenzene

Concen: 21.721 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

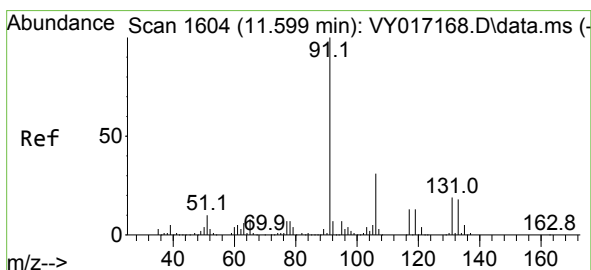
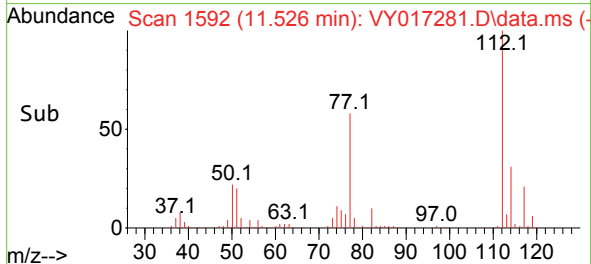
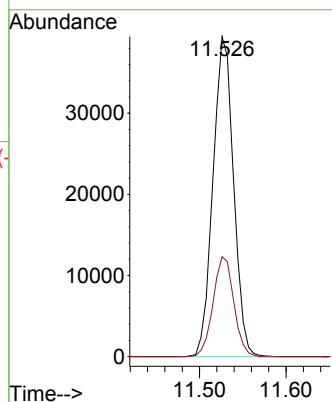
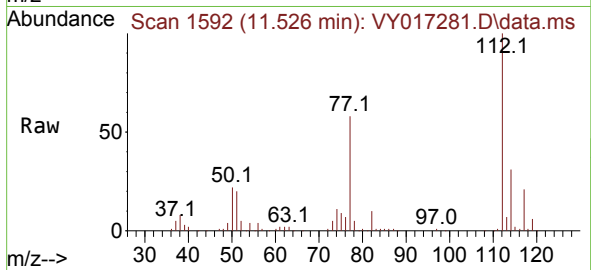
VY0207SBS01

Tgt Ion:112 Resp: 65065

Ion Ratio Lower Upper

112 100

114 31.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.017 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

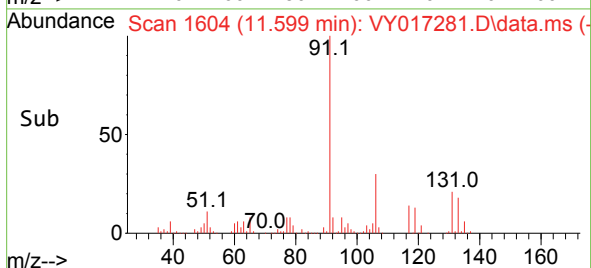
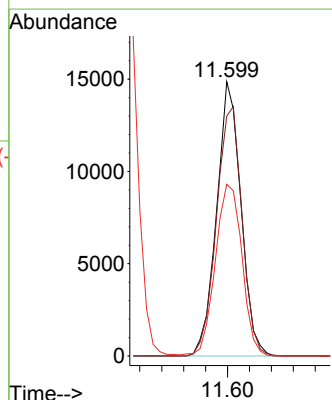
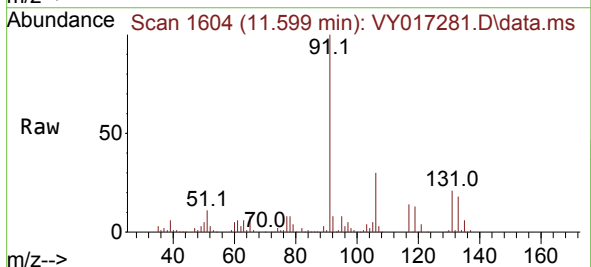
Tgt Ion:131 Resp: 22879

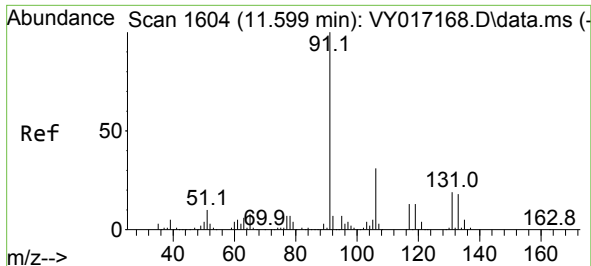
Ion Ratio Lower Upper

131 100

133 96.0 47.0 141.0

119 68.6 33.3 99.9





#67

Ethyl Benzene

Concen: 22.157 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

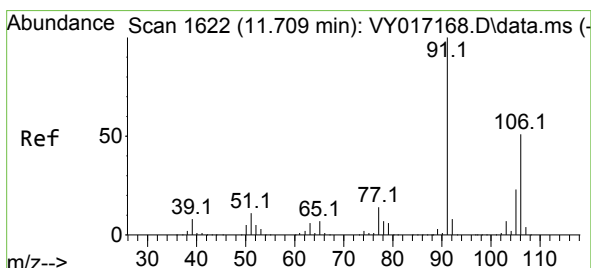
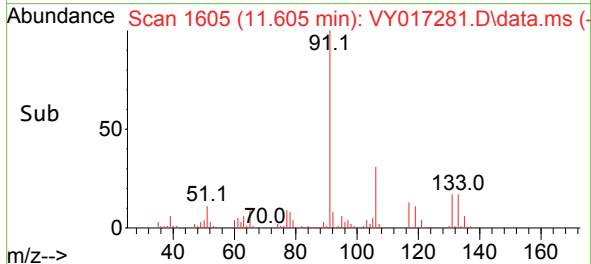
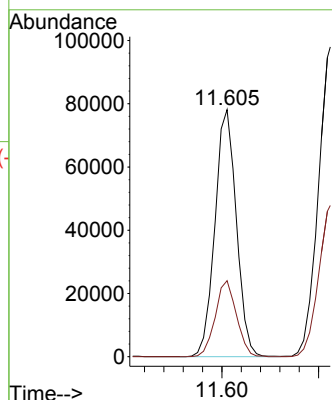
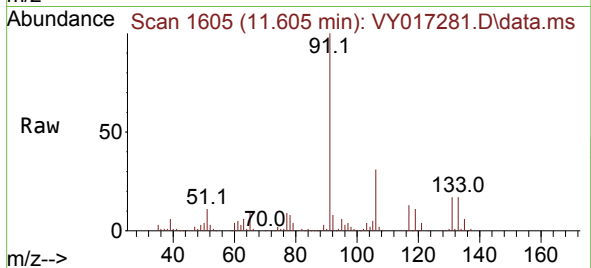
VY0207SBS01

Tgt Ion: 91 Resp: 119949

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 43.714 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.007 min

Lab File: VY017281.D

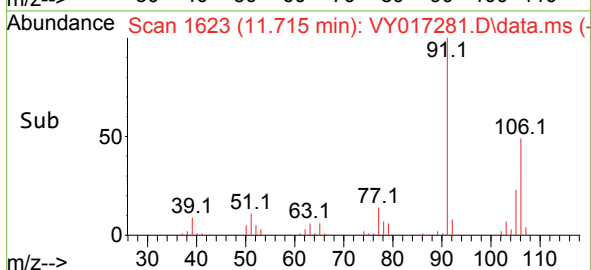
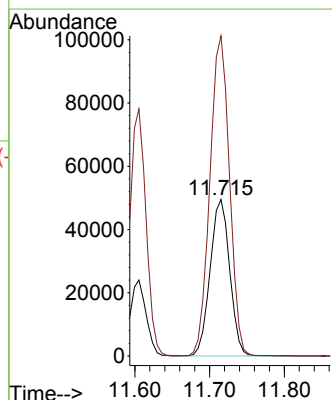
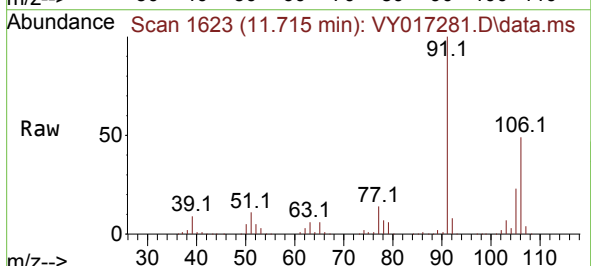
Acq: 07 Feb 2024 11:52

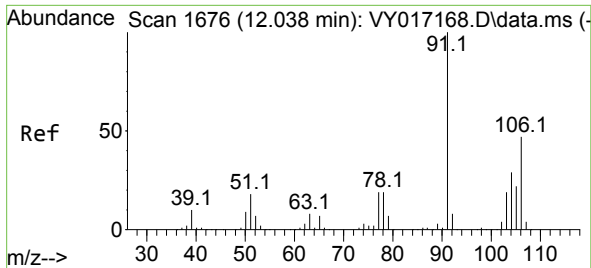
Tgt Ion:106 Resp: 89808

Ion Ratio Lower Upper

106 100

91 204.8 160.7 241.1

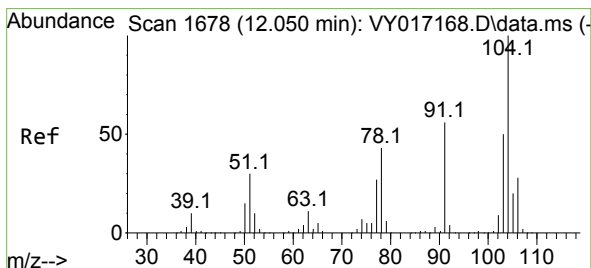
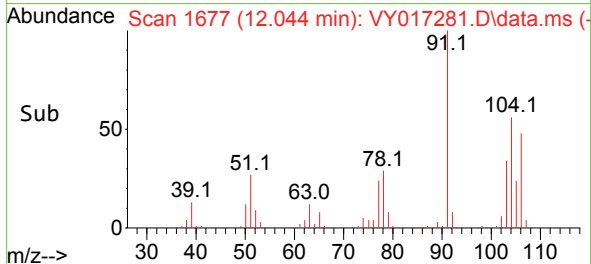
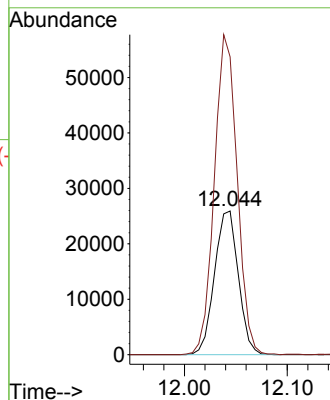
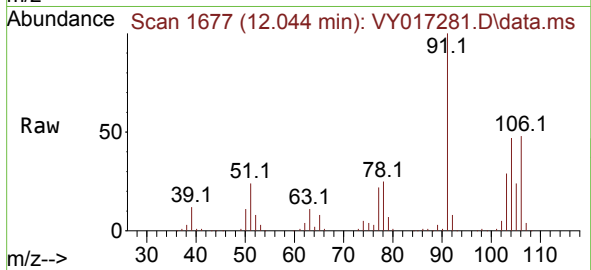




#69
o-Xylene
Concen: 22.011 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

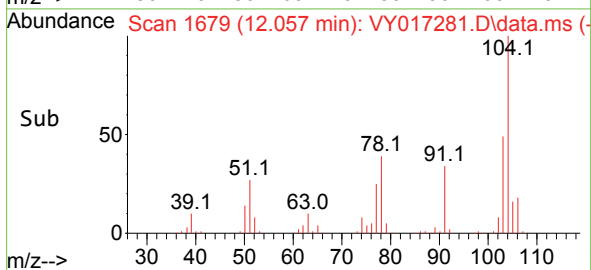
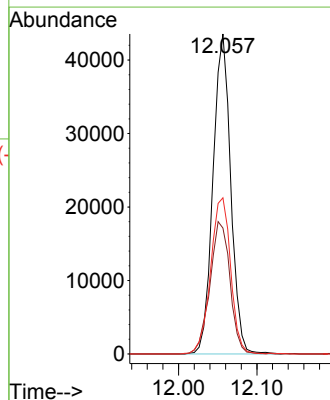
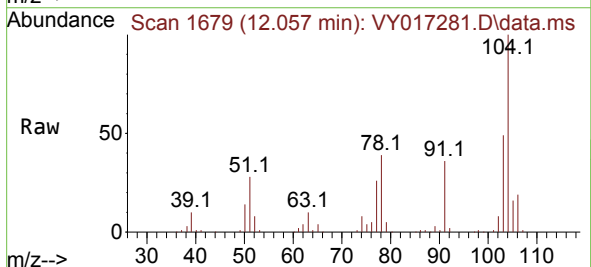
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

Tgt Ion:106 Resp: 41643
Ion Ratio Lower Upper
106 100
91 213.4 106.5 319.5



#70
Styrene
Concen: 21.959 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion:104 Resp: 68452
Ion Ratio Lower Upper
104 100
78 46.9 39.2 58.8
103 55.1 43.8 65.6





#71

Bromoform

Concen: 18.678 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

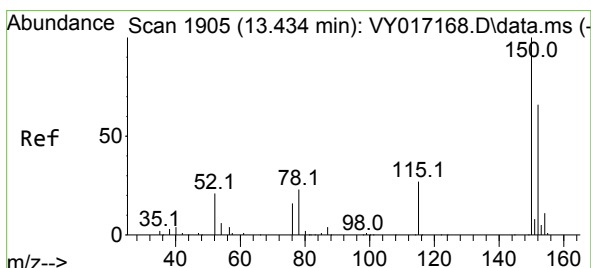
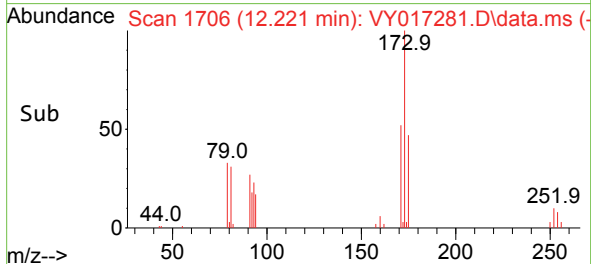
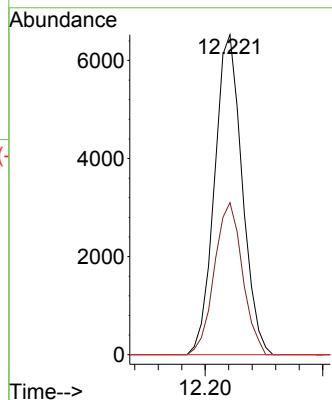
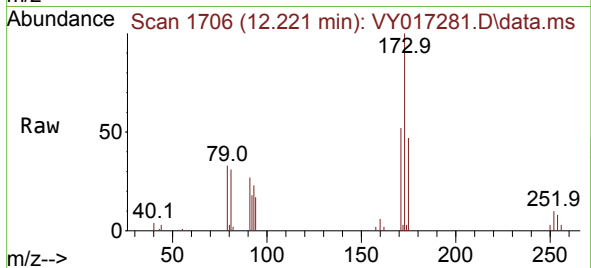
Tgt Ion:173 Resp: 10648

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

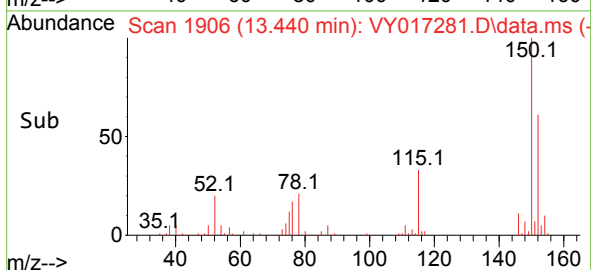
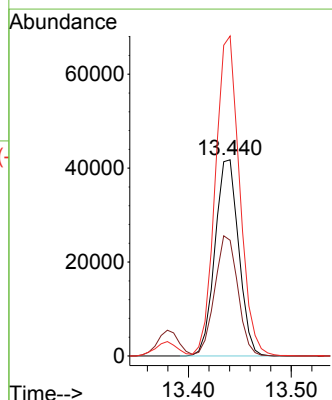
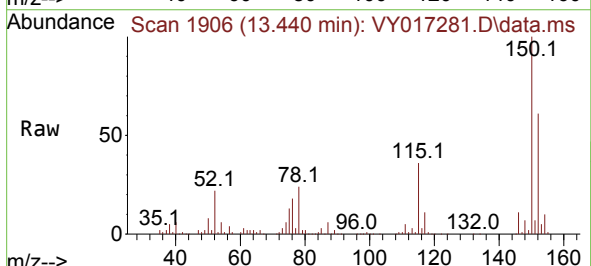
Tgt Ion:152 Resp: 66910

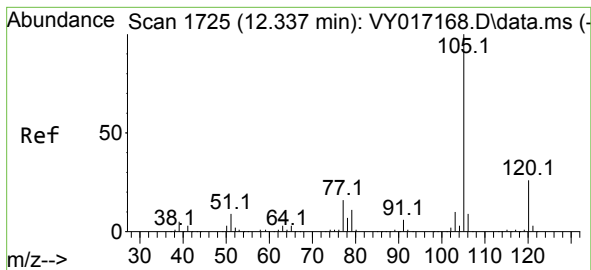
Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 166.6 0.0 344.6





#73

Isopropylbenzene

Concen: 23.036 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

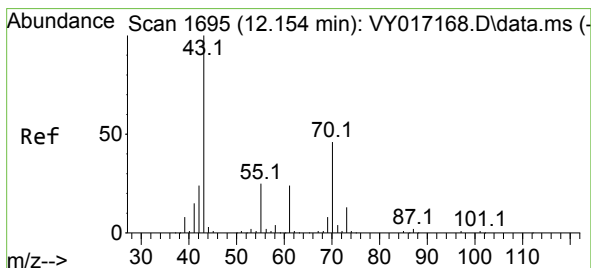
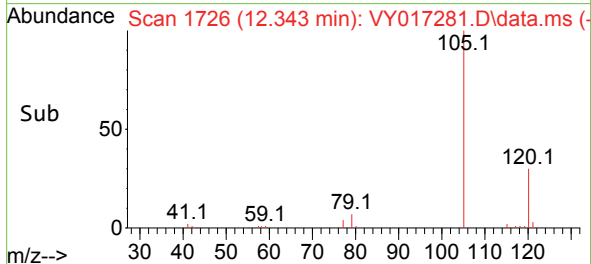
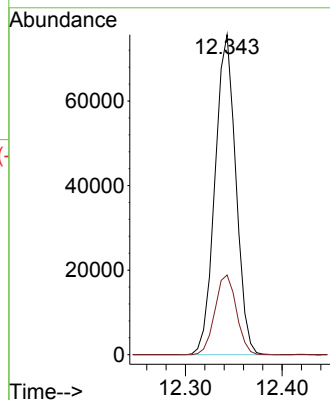
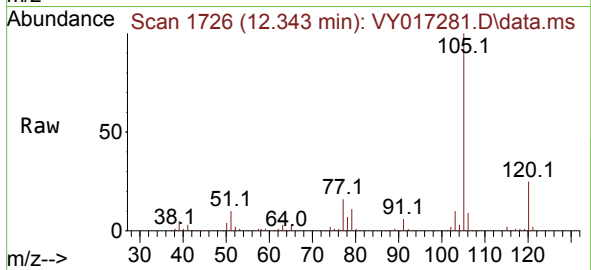
VY0207SBS01

Tgt Ion:105 Resp: 113231

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 19.666 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Tgt Ion: 43 Resp: 21720

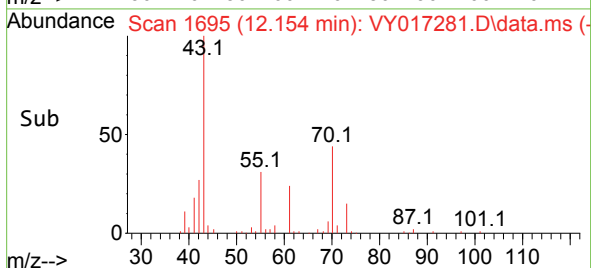
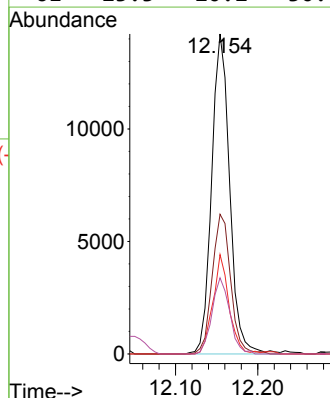
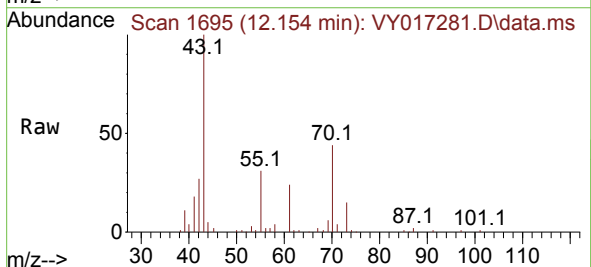
Ion Ratio Lower Upper

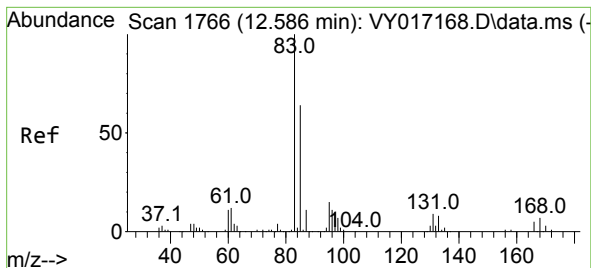
43 100

70 44.7 36.6 55.0

55 27.9 22.2 33.4

61 23.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.197 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

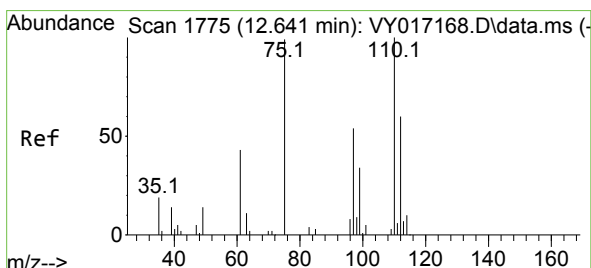
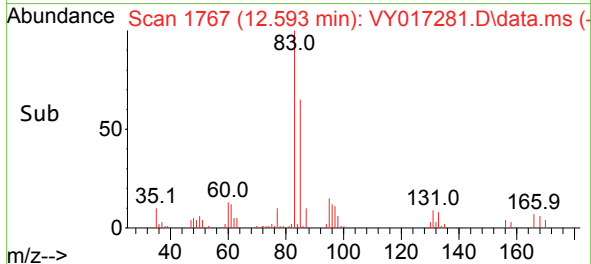
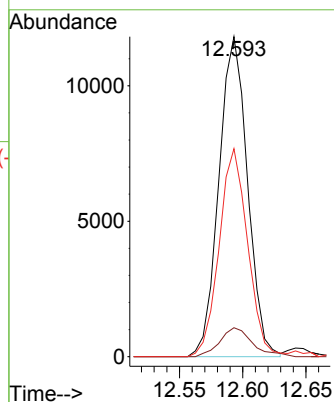
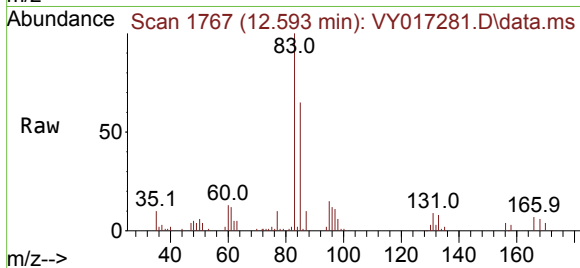
Tgt Ion: 83 Resp: 18559

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.6

85 64.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 38.409 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017281.D

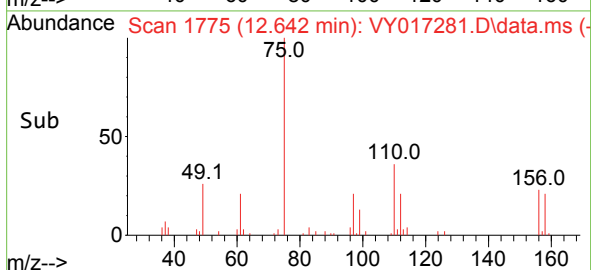
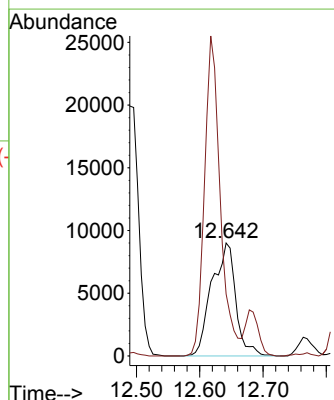
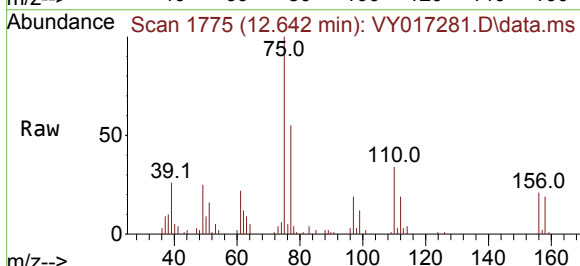
Acq: 07 Feb 2024 11:52

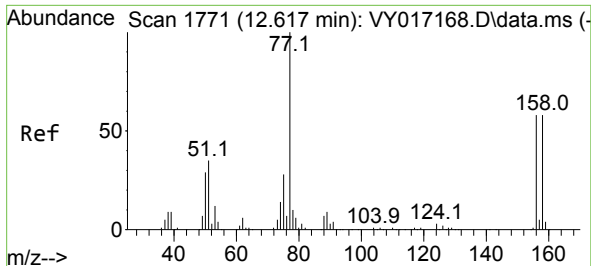
Tgt Ion: 75 Resp: 23720

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

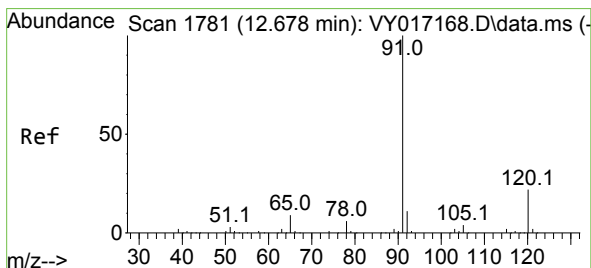
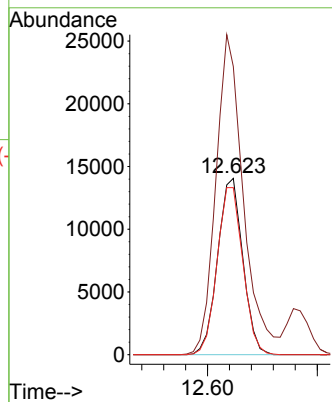
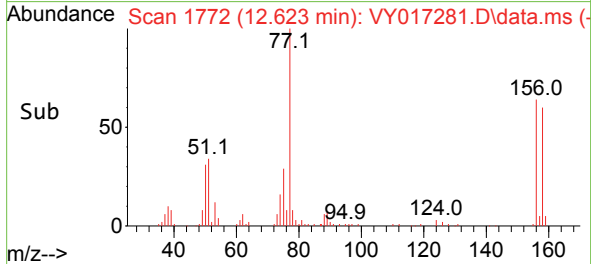
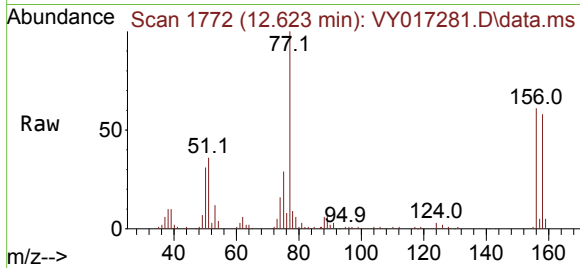




#77
Bromobenzene
Concen: 20.589 ug/l
RT: 12.623 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

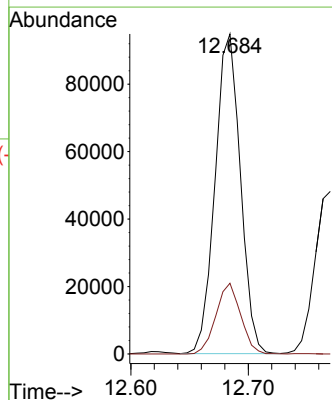
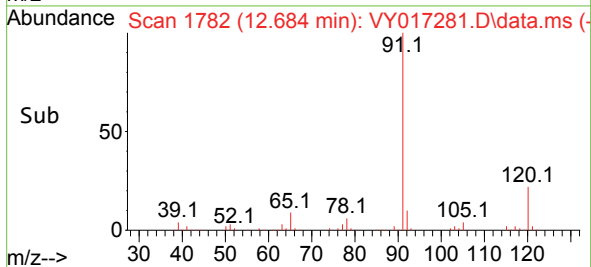
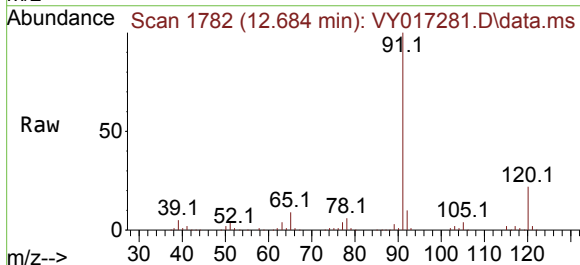
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

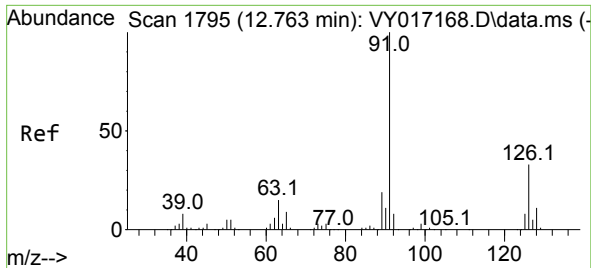
Tgt Ion:156 Resp: 22448
Ion Ratio Lower Upper
156 100
77 198.7 97.3 291.8
158 97.1 48.4 145.0



#78
n-propylbenzene
Concen: 23.509 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 91 Resp: 141925
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0

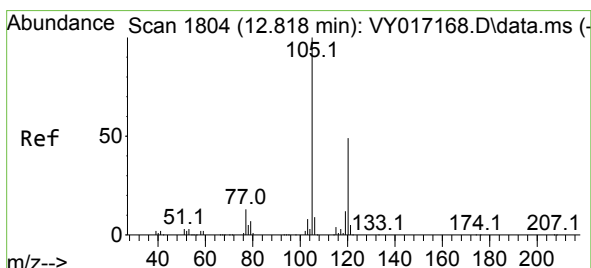
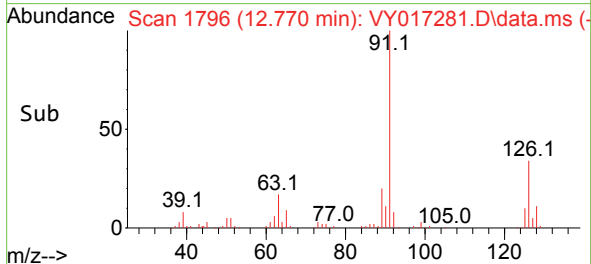
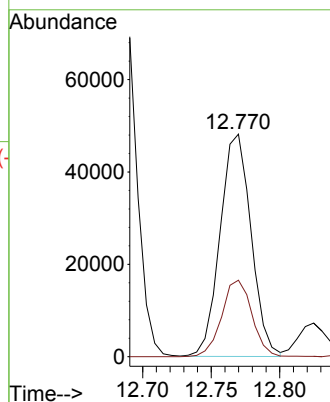
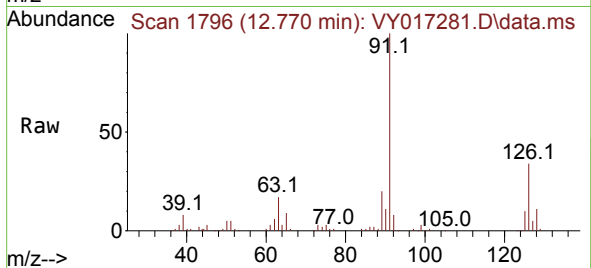




#79
2-Chlorotoluene
Concen: 22.836 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

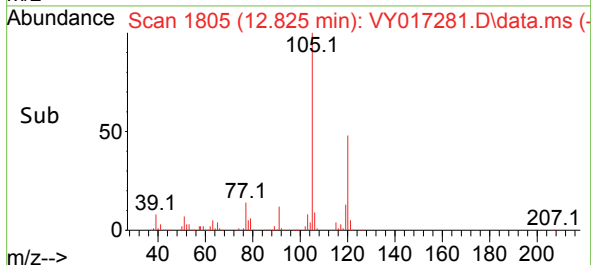
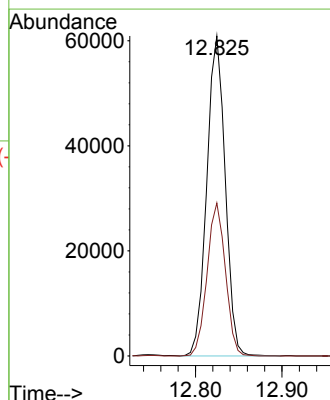
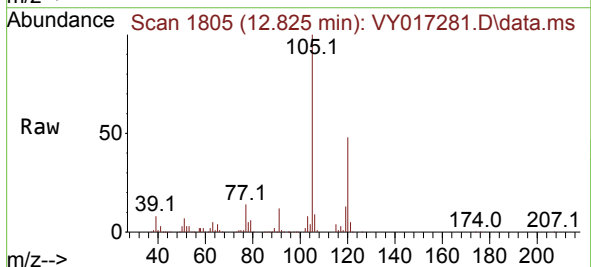
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

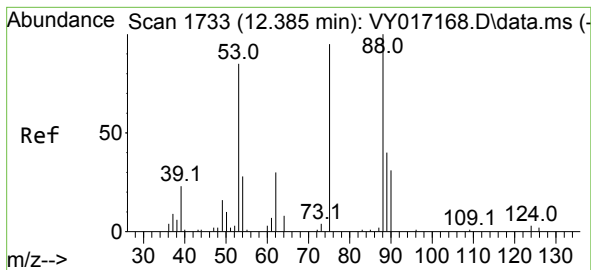
Tgt Ion: 91 Resp: 75793
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 23.005 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion:105 Resp: 89933
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

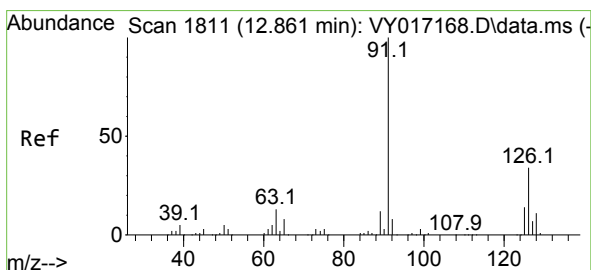
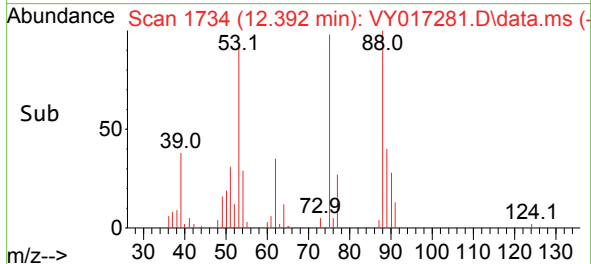
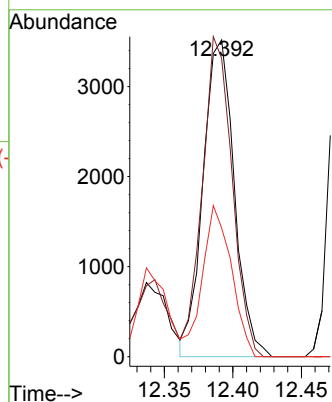
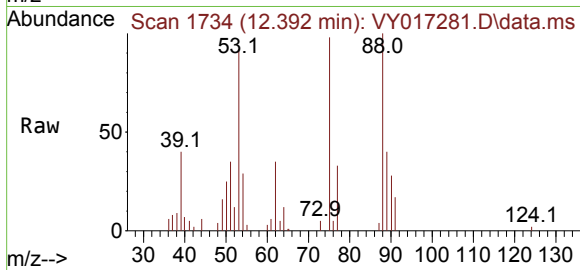




#81
trans-1,4-Dichloro-2-butene
Concen: 18.717 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

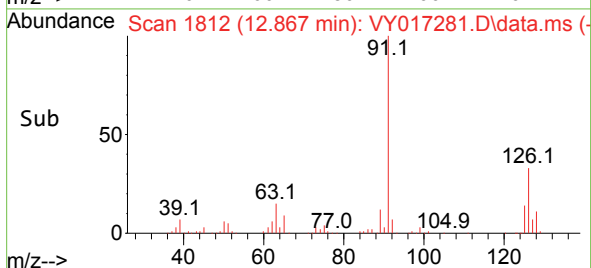
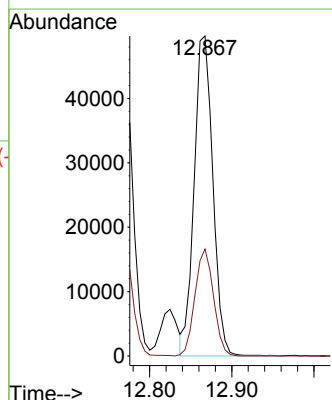
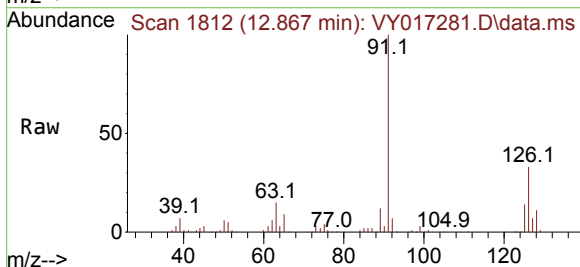
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBS01

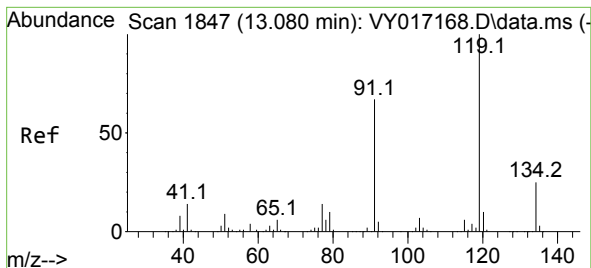
Tgt Ion: 75 Resp: 5563
Ion Ratio Lower Upper
75 100
53 96.2 74.0 111.0
89 44.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 22.984 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.007 min
Lab File: VY017281.D
Acq: 07 Feb 2024 11:52

Tgt Ion: 91 Resp: 78510
Ion Ratio Lower Upper
91 100
126 33.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 23.752 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

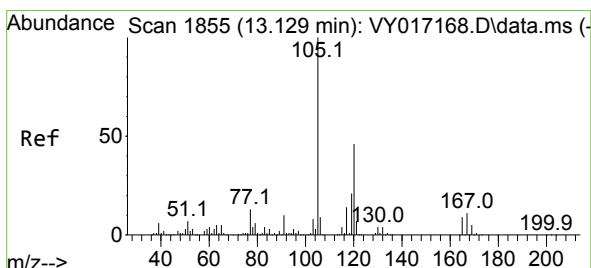
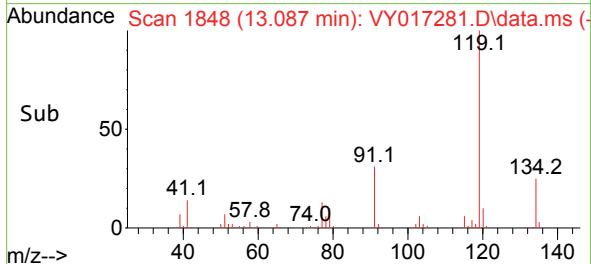
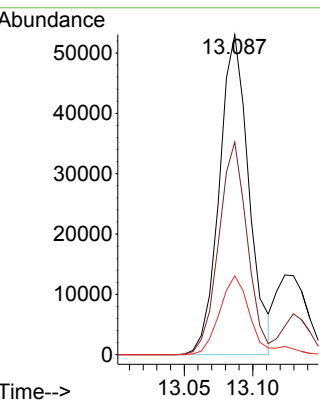
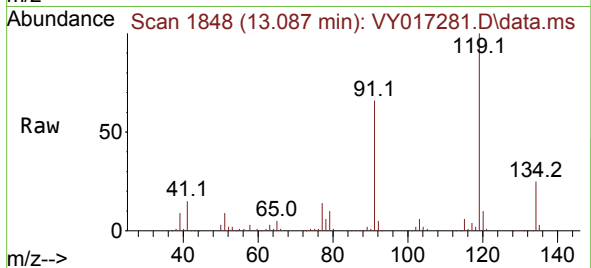
Tgt Ion:119 Resp: 79592

Ion Ratio Lower Upper

119 100

91 64.1 31.5 94.5

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 22.699 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017281.D

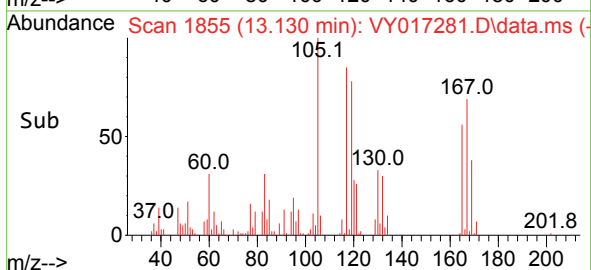
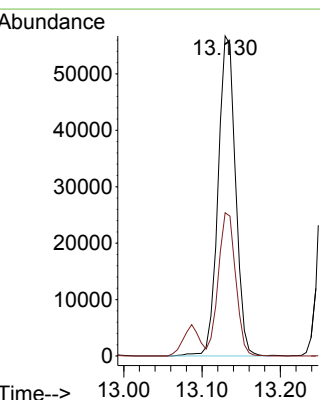
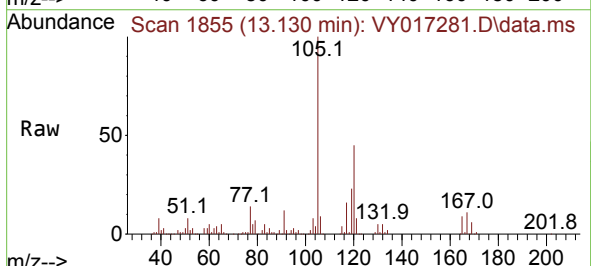
Acq: 07 Feb 2024 11:52

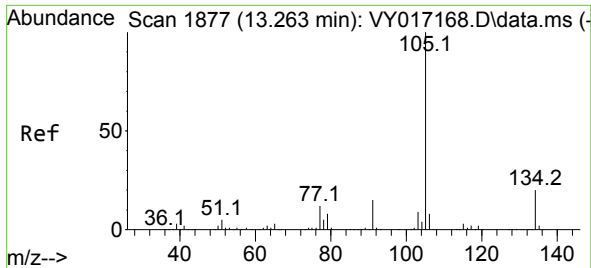
Tgt Ion:105 Resp: 87589

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3

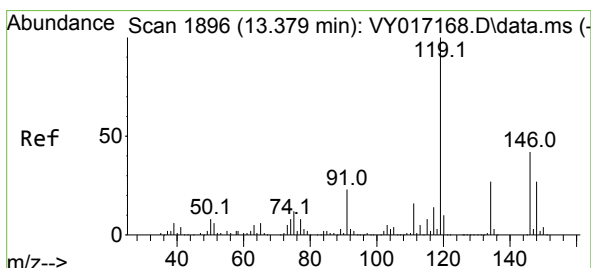
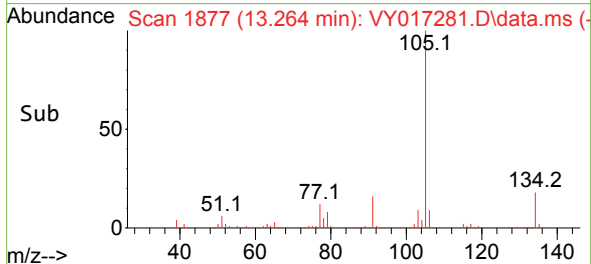
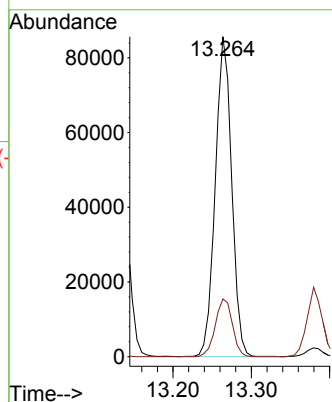
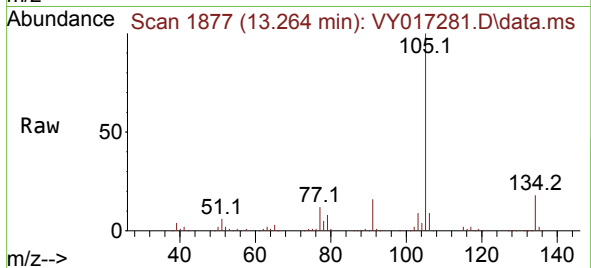




#85
 sec-Butylbenzene
 Concen: 23.778 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY017281.D
 Acq: 07 Feb 2024 11:52

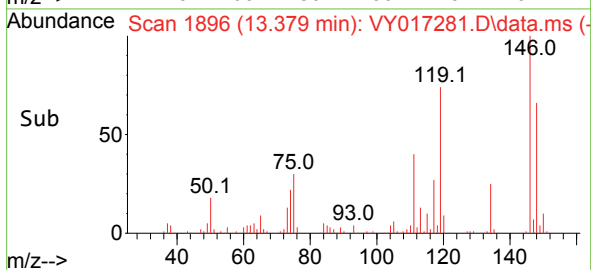
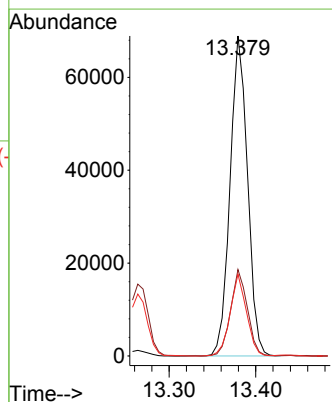
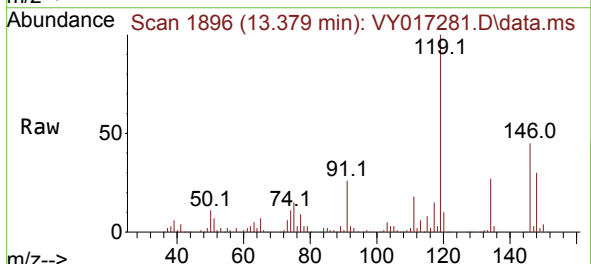
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

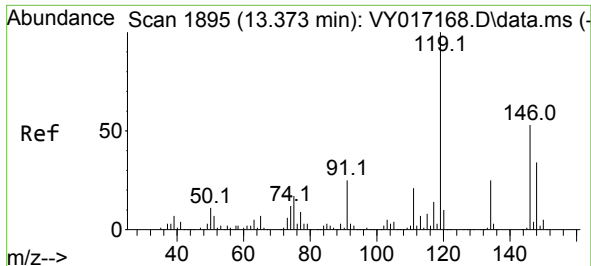
Tgt Ion:105 Resp: 124537
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 23.105 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY017281.D
 Acq: 07 Feb 2024 11:52

Tgt Ion:119 Resp: 96701
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.554 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

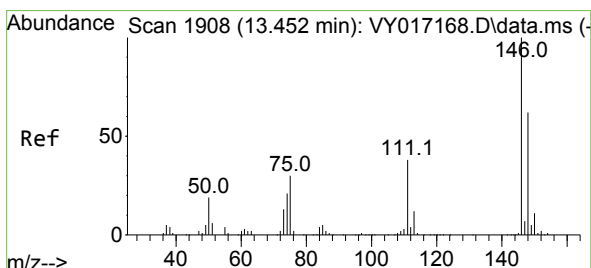
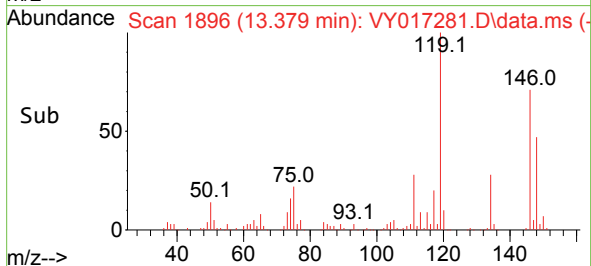
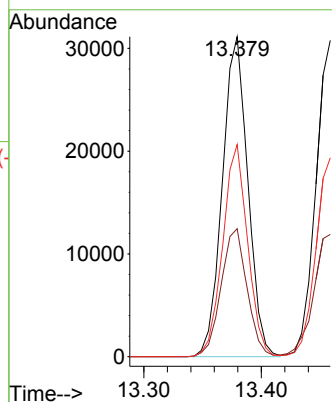
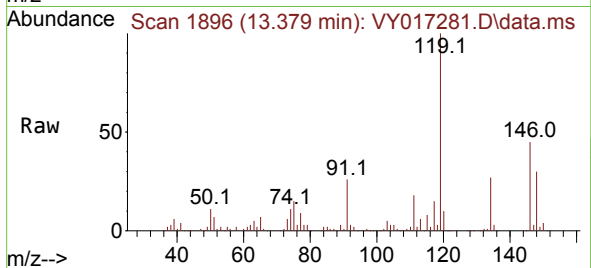
Tgt Ion:146 Resp: 46881

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.5

148 64.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.785 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

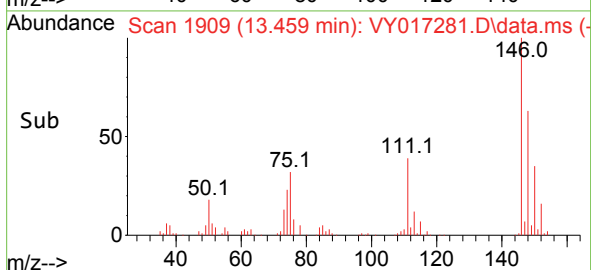
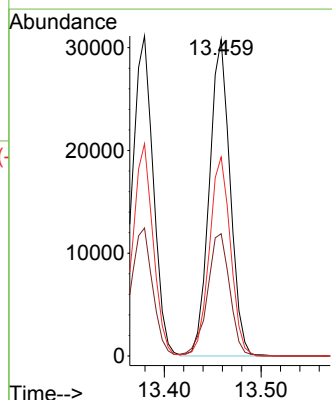
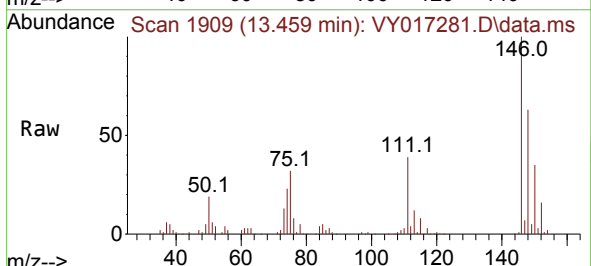
Tgt Ion:146 Resp: 46035

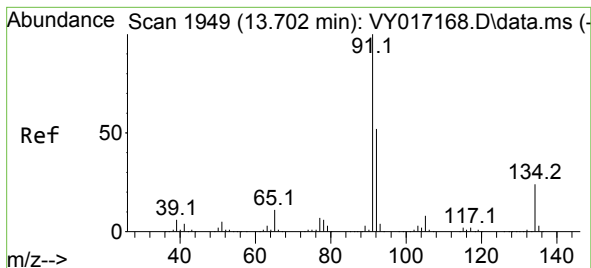
Ion Ratio Lower Upper

146 100

111 41.7 19.3 57.9

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 23.789 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

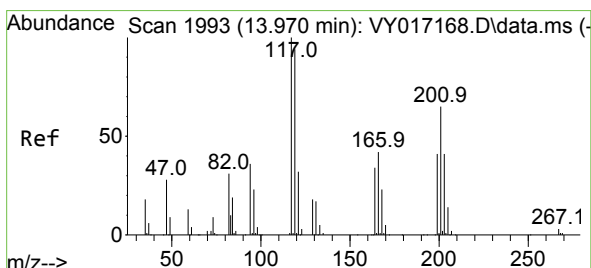
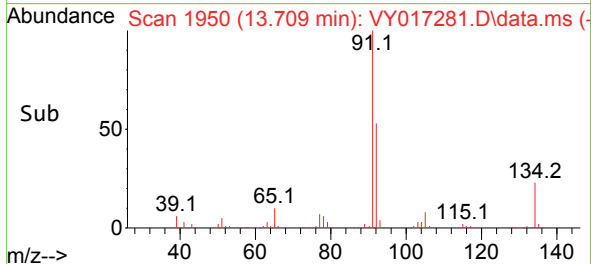
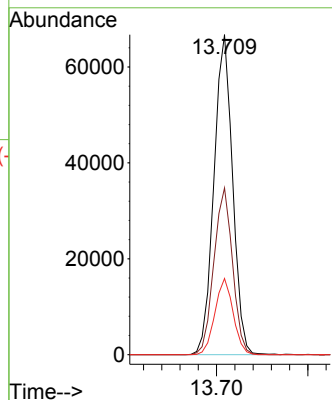
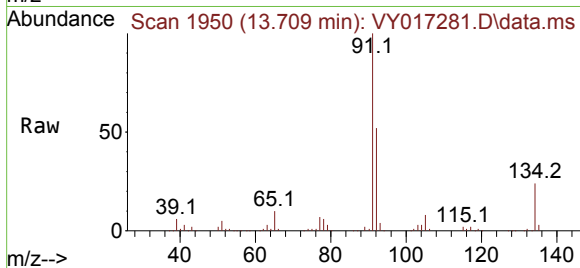
Tgt Ion: 91 Resp: 94662

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 23.2 12.3 36.8



#90

Hexachloroethane

Concen: 22.967 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017281.D

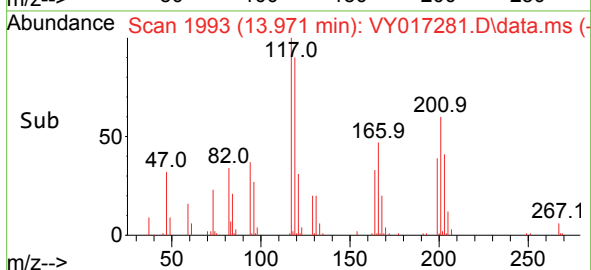
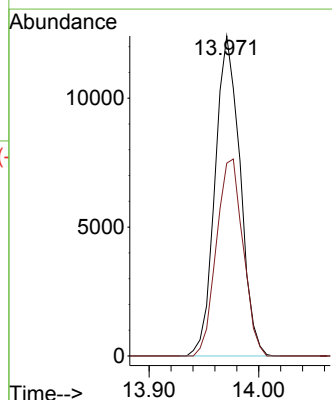
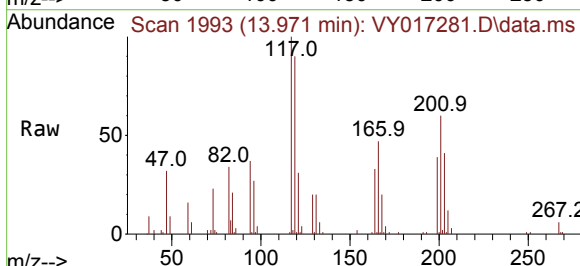
Acq: 07 Feb 2024 11:52

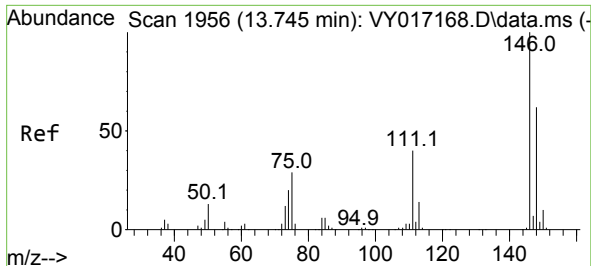
Tgt Ion: 117 Resp: 19733

Ion Ratio Lower Upper

117 100

201 65.4 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.526 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

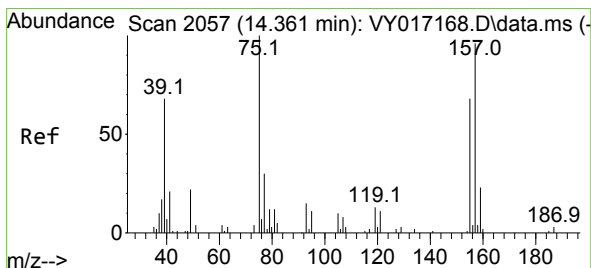
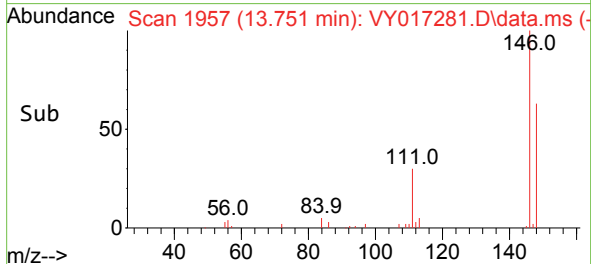
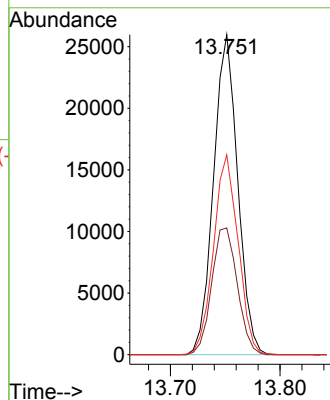
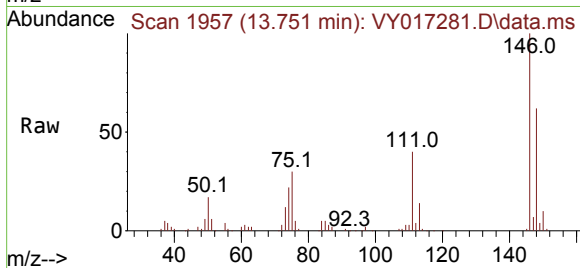
Tgt Ion:146 Resp: 39859

Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

148 63.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.359 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

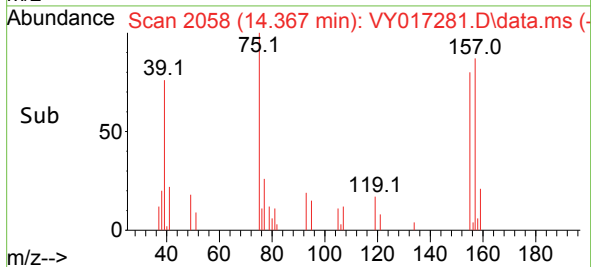
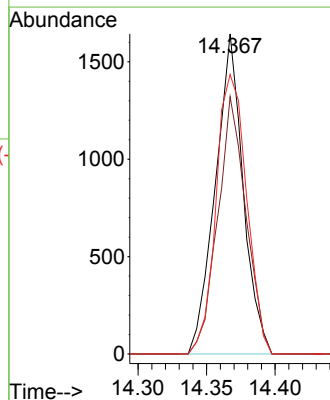
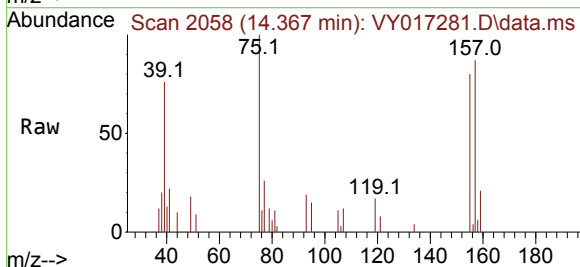
Tgt Ion: 75 Resp: 2312

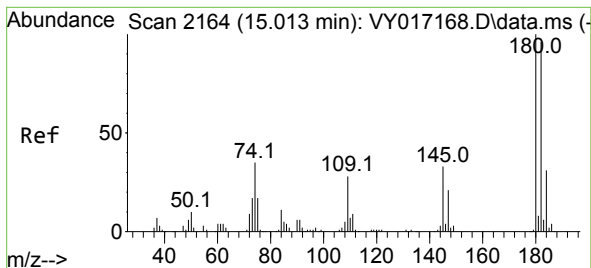
Ion Ratio Lower Upper

75 100

155 82.1 42.1 126.3

157 96.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.057 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

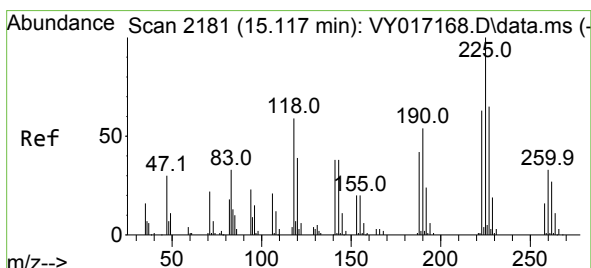
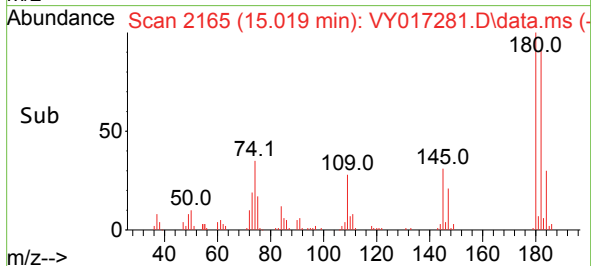
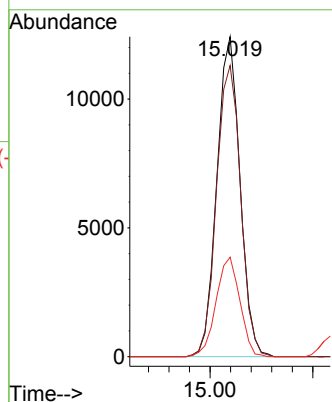
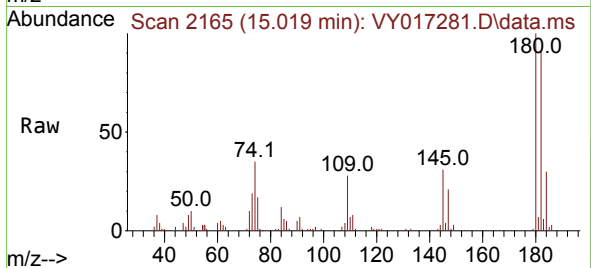
Tgt Ion:180 Resp: 19367

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 32.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.596 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.007 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

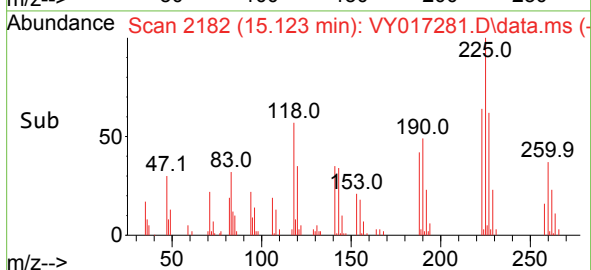
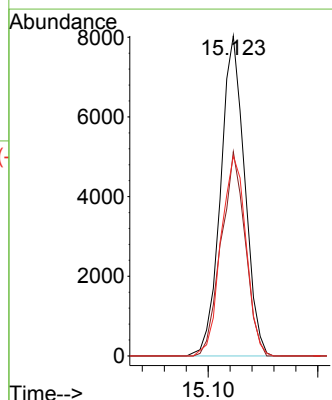
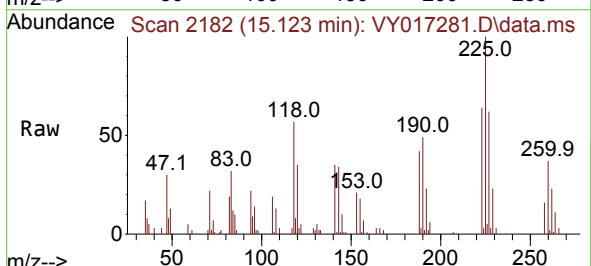
Tgt Ion:225 Resp: 12240

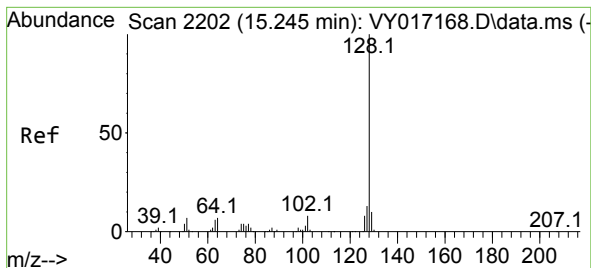
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 20.004 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBS01

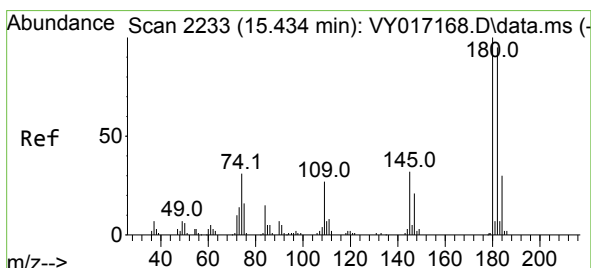
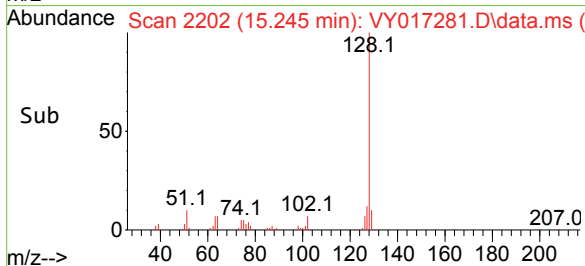
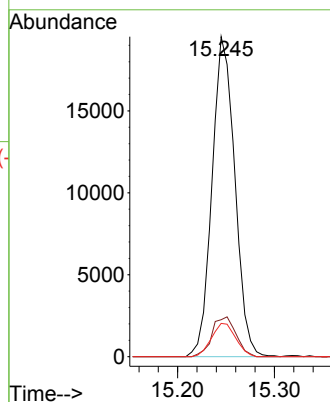
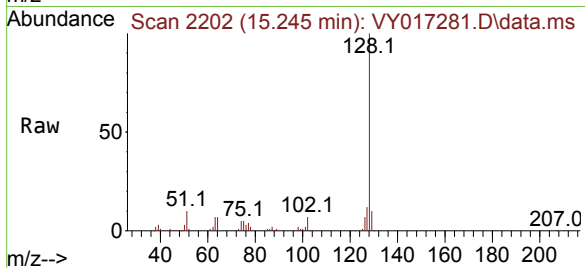
Tgt Ion:128 Resp: 31974

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.566 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017281.D

Acq: 07 Feb 2024 11:52

Tgt Ion:180 Resp: 16087

Ion Ratio Lower Upper

180 100

182 96.9 46.3 138.8

145 32.6 16.1 48.2

