

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017545.D
 Acq On : 01 Mar 2024 11:51
 Operator : SY/MD
 Sample : VY0301SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBS02

Quant Time: Mar 02 00:15:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	142629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	219648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	188041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61900	45.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.580%
35) Dibromofluoromethane	7.722	113	74018	48.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.191	98	281557	52.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.489	95	82227	48.892	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21521	20.455	ug/l	96
3) Chloromethane	2.113	50	41874	21.783	ug/l	97
4) Vinyl Chloride	2.253	62	52660	21.353	ug/l	97
5) Bromomethane	2.662	94	44530	22.157	ug/l	97
6) Chloroethane	2.796	64	34567	22.219	ug/l	99
7) Trichlorofluoromethane	3.125	101	52787	21.001	ug/l	98
8) Diethyl Ether	3.534	74	14654	19.878	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	30964	21.417	ug/l	96
10) Methyl Iodide	4.094	142	32362	19.945	ug/l	99
11) Tert butyl alcohol	4.954	59	663	5.774	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	28374	21.059	ug/l	97
13) Acrolein	3.741	56	12260	80.922	ug/l	100
14) Allyl chloride	4.485	41	33160	20.368	ug/l	98
15) Acrylonitrile	5.180	53	25487	84.101	ug/l	98
16) Acetone	3.966	43	23670	90.281	ug/l	98
17) Carbon Disulfide	4.204	76	78583	19.431	ug/l	97
18) Methyl Acetate	4.491	43	9889	15.547	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	58269	18.554	ug/l	97
20) Methylene Chloride	4.722	84	50865	30.932	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	32781	20.779	ug/l	94
22) Diisopropyl ether	6.131	45	77732	20.691	ug/l	95
23) Vinyl Acetate	6.070	43	211749	94.589	ug/l	98
24) 1,1-Dichloroethane	6.021	63	54295	21.155	ug/l	98
25) 2-Butanone	7.002	43	31178	83.443	ug/l	96
26) 2,2-Dichloropropane	6.984	77	46047	21.339	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	36956	20.864	ug/l	97
28) Bromochloromethane	7.344	49	20169	19.953	ug/l	99
29) Tetrahydrofuran	7.368	42	17448	77.466	ug/l	98
30) Chloroform	7.515	83	57980	21.218	ug/l	100
31) Cyclohexane	7.795	56	44270	20.124	ug/l	87
32) 1,1,1-Trichloroethane	7.710	97	50828	21.425	ug/l	99
36) 1,1-Dichloropropene	7.923	75	43610	21.118	ug/l	99
37) Ethyl Acetate	7.088	43	14864	18.224	ug/l	100
38) Carbon Tetrachloride	7.911	117	44911	21.700	ug/l	98
39) Methylcyclohexane	9.191	83	49802	20.067	ug/l	97
40) Benzene	8.167	78	129511	21.118	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	6484	15.842	ug/l	89
42) 1,2-Dichloroethane	8.246	62	29769	19.895	ug/l	97
43) Isopropyl Acetate	8.283	43	25560	17.833	ug/l	97
44) Trichloroethene	8.947	130	36462	20.627	ug/l	98
45) 1,2-Dichloropropane	9.228	63	30793	21.105	ug/l	97
46) Dibromomethane	9.319	93	16365	19.598	ug/l	98
47) Bromodichloromethane	9.502	83	42594	21.008	ug/l	99
48) Methyl methacrylate	9.301	41	11472	17.292	ug/l	96
49) 1,4-Dioxane	9.331	88	2852	301.794	ug/l #	85
51) 4-Methyl-2-Pentanone	10.081	43	67765	84.833	ug/l	98
52) Toluene	10.252	92	81496	21.079	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	36822	19.566	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	46718	20.431	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	22632	19.089	ug/l	97
56) Ethyl methacrylate	10.520	69	23818	18.038	ug/l	98
57) 1,3-Dichloropropane	10.801	76	37674	19.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	53769	78.593	ug/l	100
59) 2-Hexanone	10.843	43	48646	88.659	ug/l	100
60) Dibromochloromethane	10.996	129	28060	20.006	ug/l	99
61) 1,2-Dibromoethane	11.099	107	21019	19.238	ug/l	100
64) Tetrachloroethene	10.733	164	35945	19.916	ug/l	95
65) Chlorobenzene	11.526	112	85332	21.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	31982	21.389	ug/l	97
67) Ethyl Benzene	11.605	91	149267	21.325	ug/l	96
68) m/p-Xylenes	11.715	106	119346	43.391	ug/l	98
69) o-Xylene	12.038	106	53692	21.041	ug/l	97
70) Styrene	12.056	104	87636	20.690	ug/l	99
71) Bromoform	12.221	173	16025	19.340	ug/l #	98
73) Isopropylbenzene	12.343	105	143275	22.245	ug/l	100
74) N-amyl acetate	12.154	43	20574	18.111	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	23756	21.479	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	29037	35.251	ug/l #	100
77) Bromobenzene	12.617	156	32710	20.971	ug/l	97
78) n-propylbenzene	12.684	91	176124	22.789	ug/l	100
79) 2-Chlorotoluene	12.770	91	94747	21.897	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	115087	22.303	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	6707	18.709	ug/l	96
82) 4-Chlorotoluene	12.867	91	98540	22.266	ug/l	98
83) tert-Butylbenzene	13.087	119	100354	22.147	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	110920	21.773	ug/l	100
85) sec-Butylbenzene	13.264	105	155792	22.488	ug/l	100
86) p-Isopropyltoluene	13.379	119	124899	22.024	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	65855	21.035	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	65283	21.448	ug/l	99
89) n-Butylbenzene	13.709	91	114827	22.193	ug/l	99
90) Hexachloroethane	13.971	117	25394	22.335	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	56296	21.258	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2969	19.095	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	29084	20.792	ug/l	97
94) Hexachlorobutadiene	15.123	225	18612	21.551	ug/l	96
95) Naphthalene	15.245	128	43109	18.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	23345	19.454	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

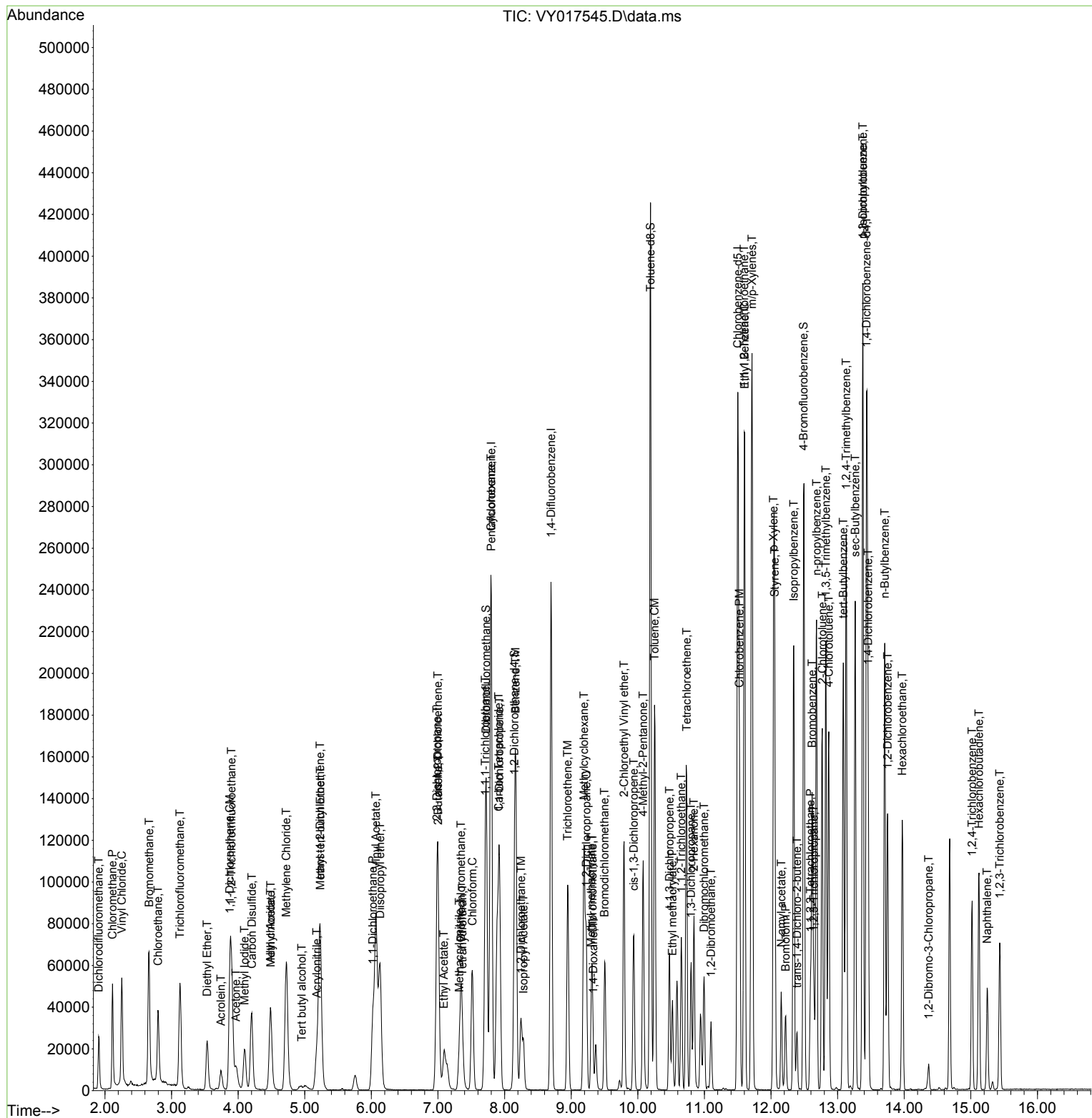
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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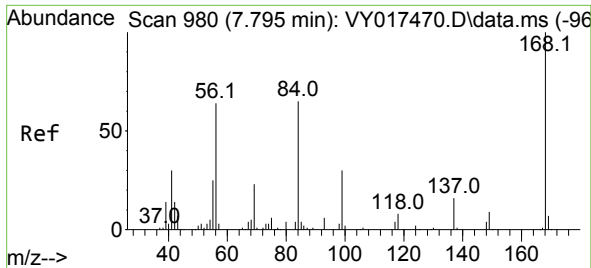
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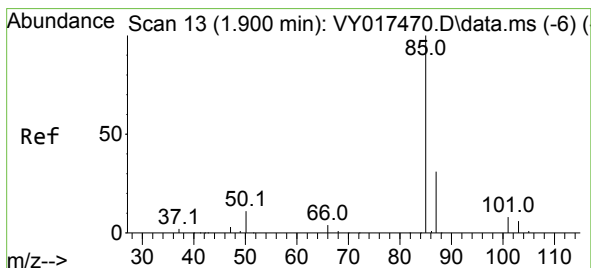
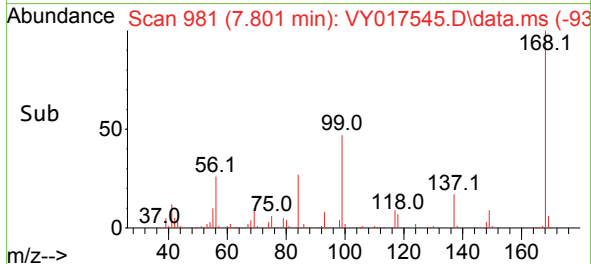
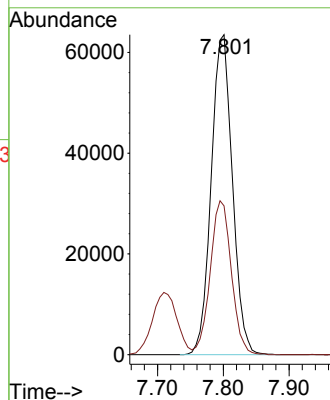
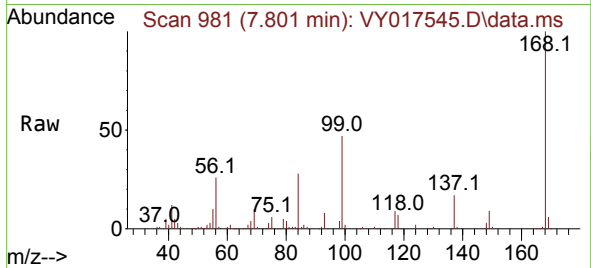




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017545.D
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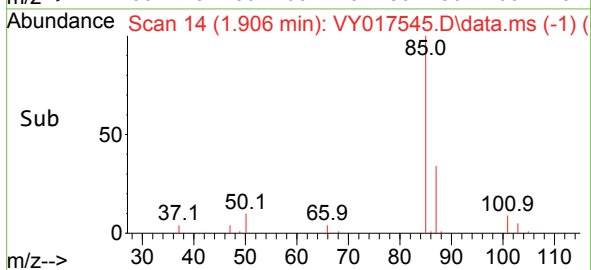
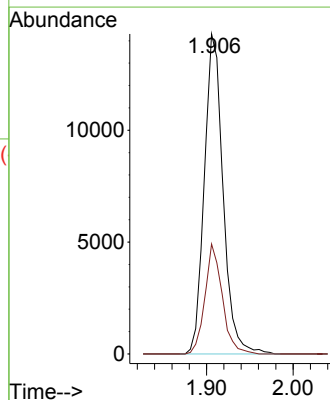
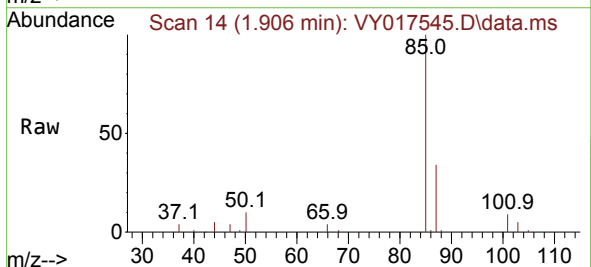
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

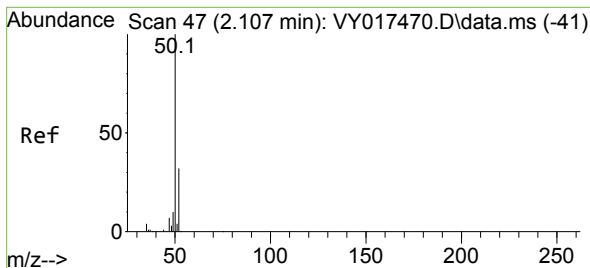
Tgt Ion:168 Resp: 142629
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.455 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 85 Resp: 21521
Ion Ratio Lower Upper
85 100
87 34.4 16.0 48.0





#3

Chloromethane

Concen: 21.783 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

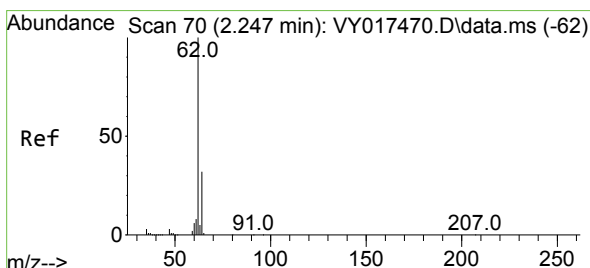
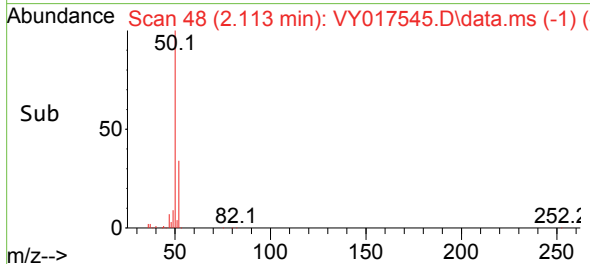
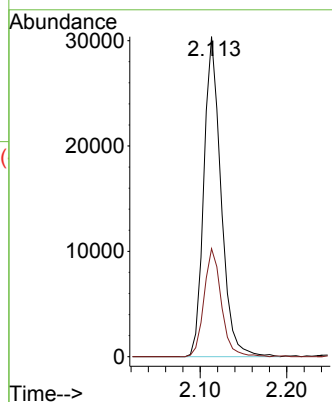
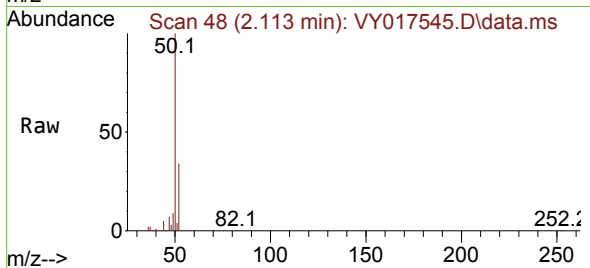
VY0301SBS02

Tgt Ion: 50 Resp: 41874

Ion Ratio Lower Upper

50 100

52 33.7 25.6 38.4



#4

Vinyl Chloride

Concen: 21.353 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017545.D

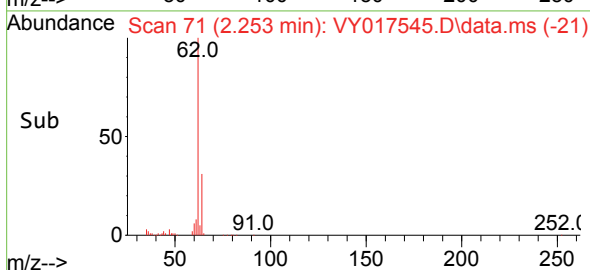
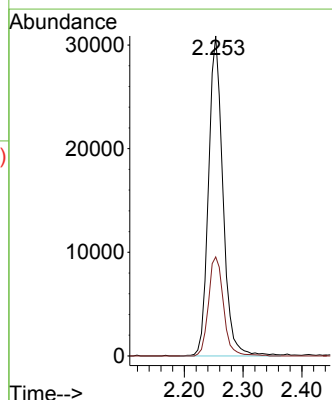
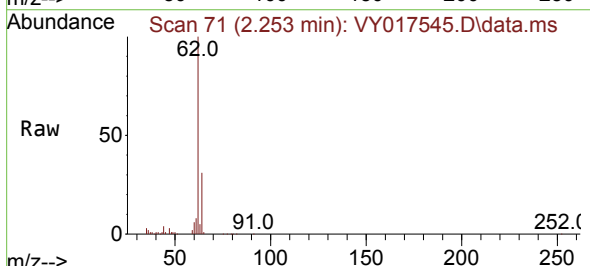
Acq: 01 Mar 2024 11:51

Tgt Ion: 62 Resp: 52660

Ion Ratio Lower Upper

62 100

64 31.0 26.1 39.1

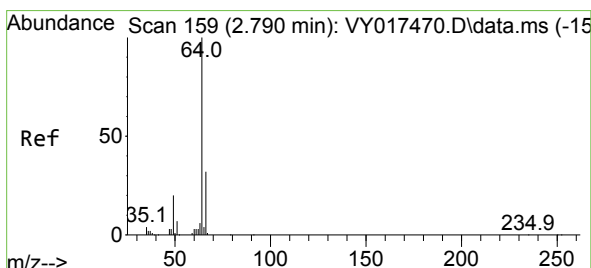
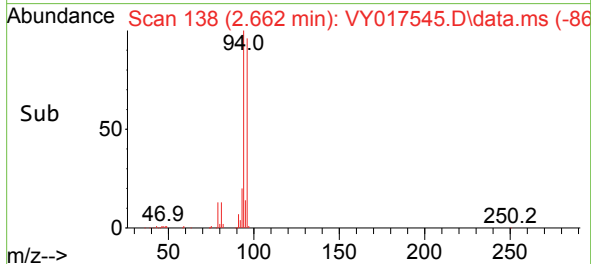
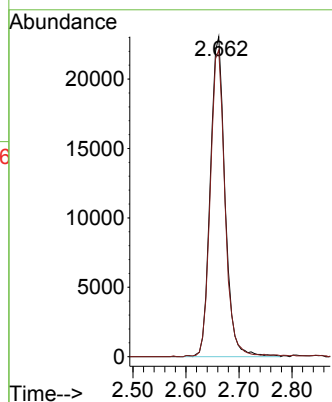
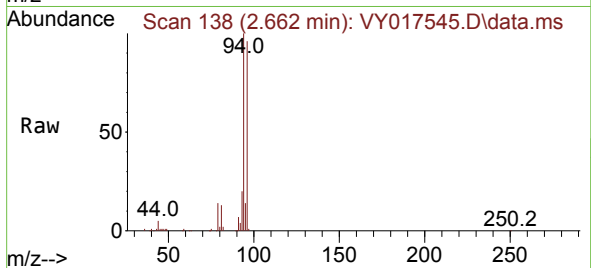




#5
Bromomethane
Concen: 22.157 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

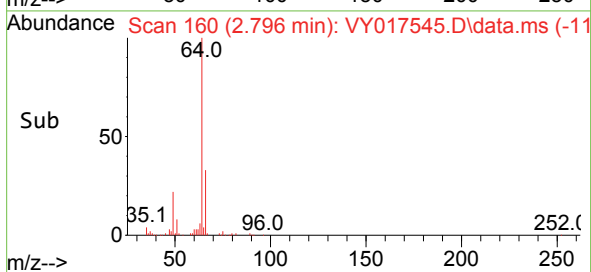
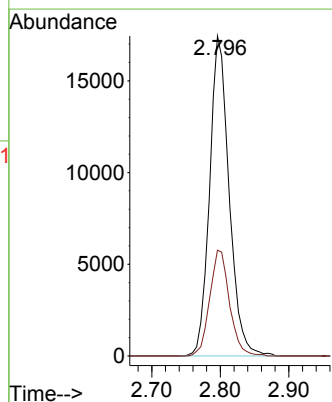
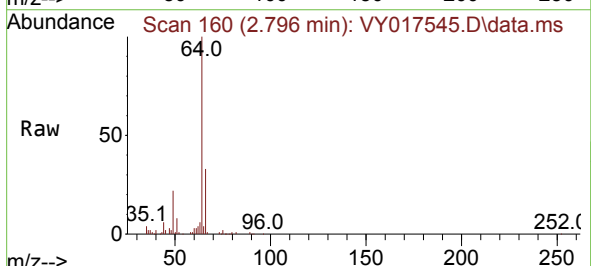
Instrument :
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Tgt Ion: 94 Resp: 44530
Ion Ratio Lower Upper
94 100
96 95.8 74.1 111.1



#6
Chloroethane
Concen: 22.219 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 64 Resp: 34567
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

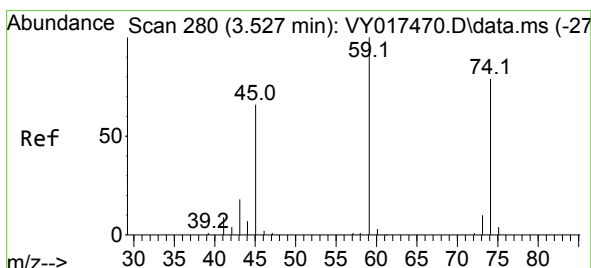
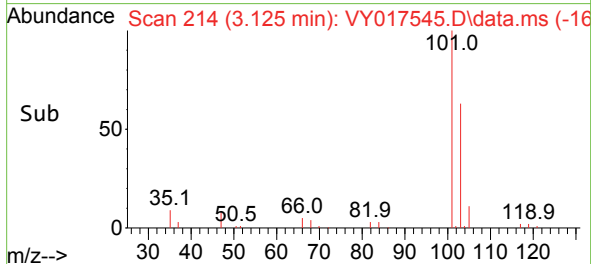
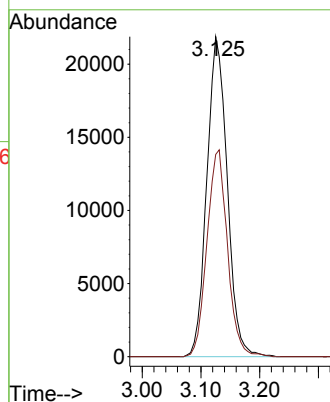
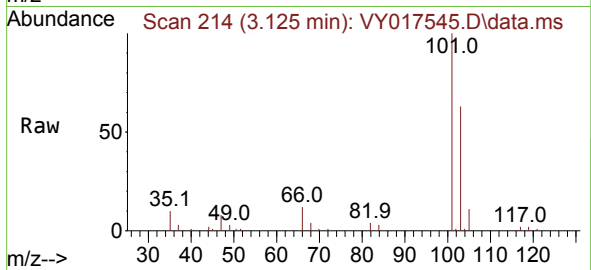




#7
Trichlorofluoromethane
Concen: 21.001 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

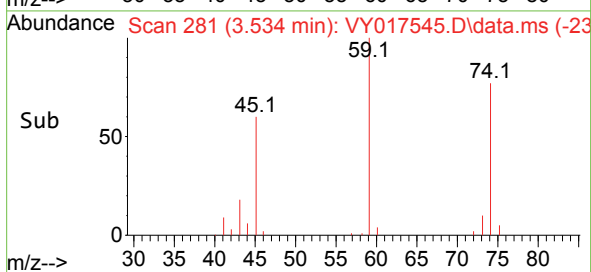
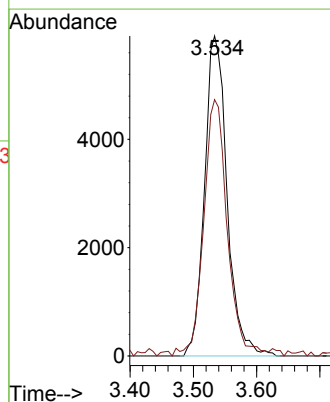
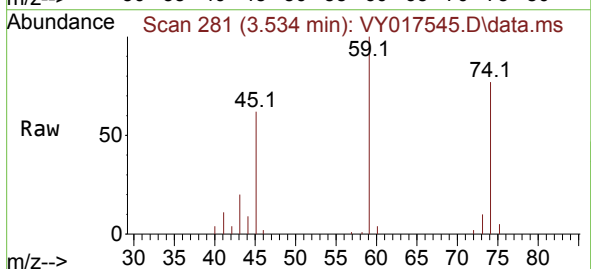
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

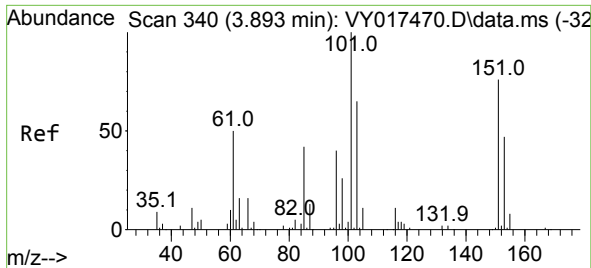
Tgt Ion:101 Resp: 52787
Ion Ratio Lower Upper
101 100
103 63.2 49.3 73.9



#8
Diethyl Ether
Concen: 19.878 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 74 Resp: 14654
Ion Ratio Lower Upper
74 100
45 83.8 41.3 124.1

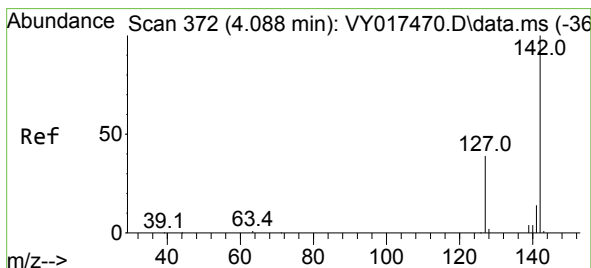
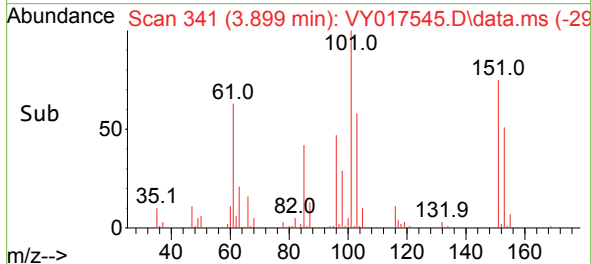
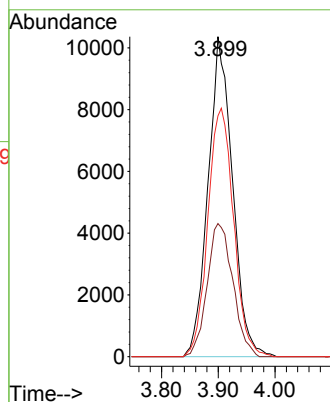
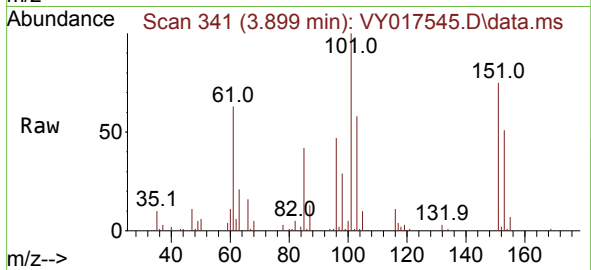




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.417 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

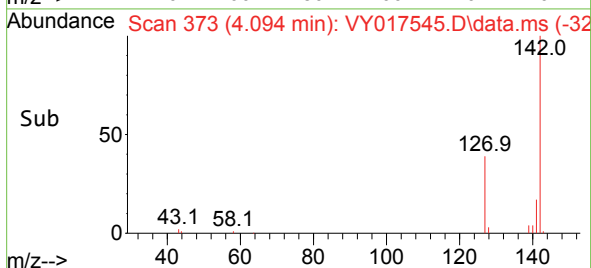
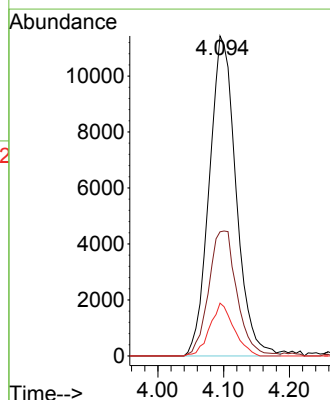
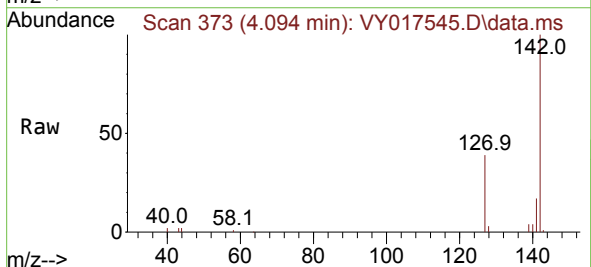
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

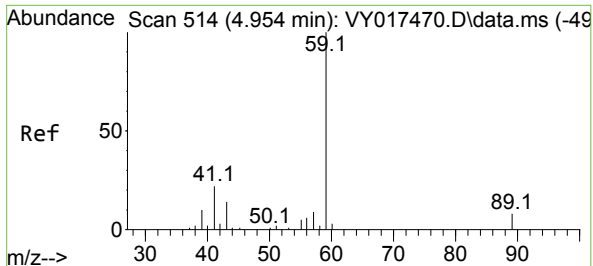
Tgt Ion:	101	Resp:	30964
Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.5	51.7
151	81.9	61.7	92.5



#10
Methyl Iodide
Concen: 19.945 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion:	142	Resp:	32362
Ion	Ratio	Lower	Upper
142	100		
127	41.2	32.8	49.2
141	14.9	11.4	17.2

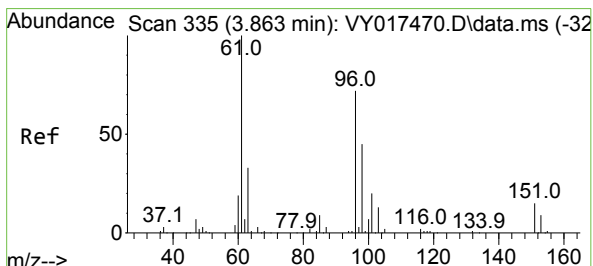
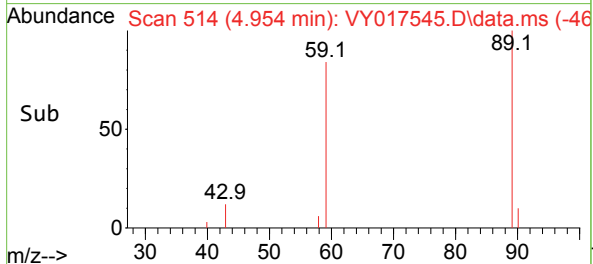
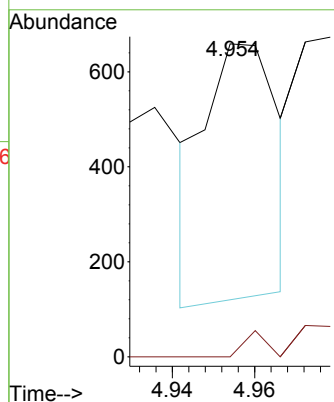
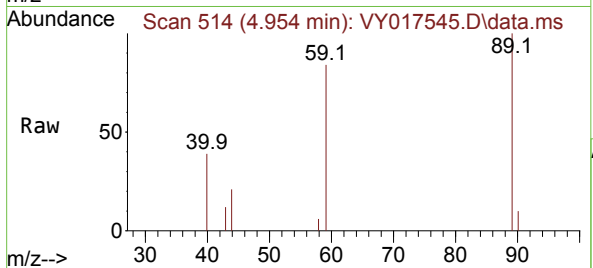




#11
Tert butyl alcohol
Concen: 5.774 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

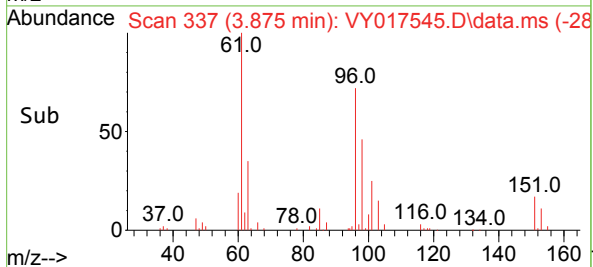
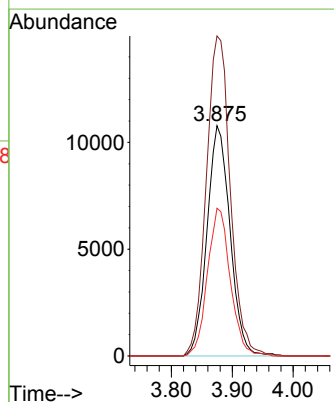
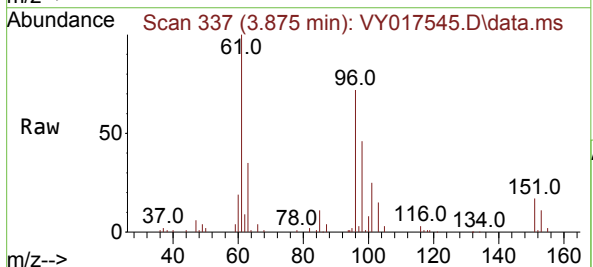
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

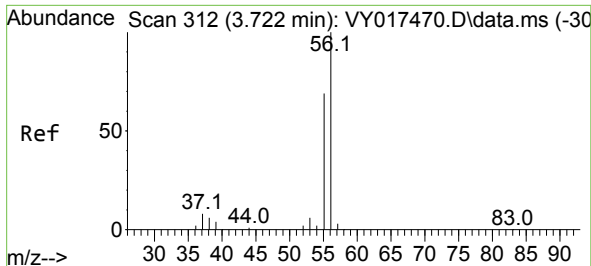
Tgt Ion: 59 Resp: 663
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.059 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 96 Resp: 28374
Ion Ratio Lower Upper
96 100
61 139.0 114.6 171.8
98 64.1 50.8 76.2





#13

Acrolein

Concen: 80.922 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

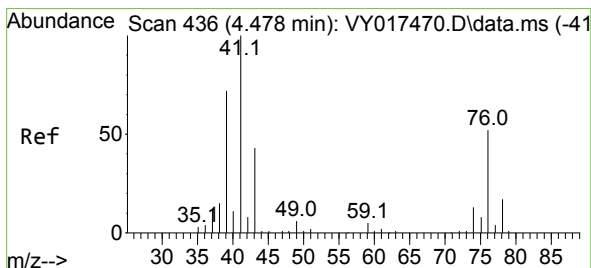
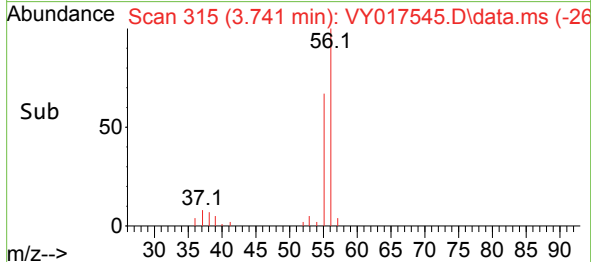
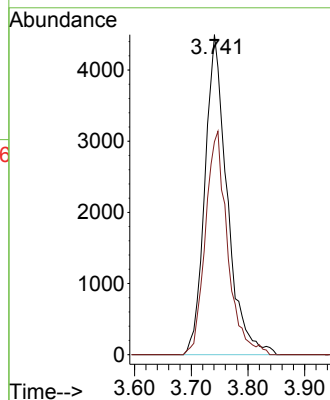
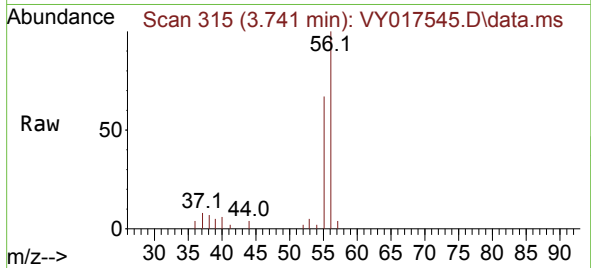
VY0301SBS02

Tgt Ion: 56 Resp: 12260

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 20.368 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

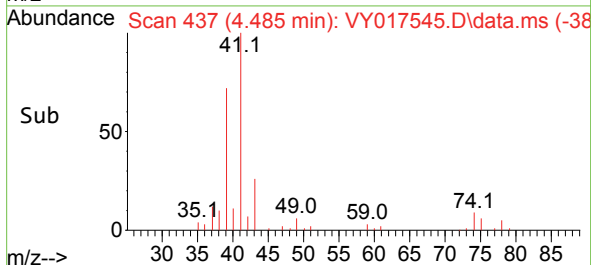
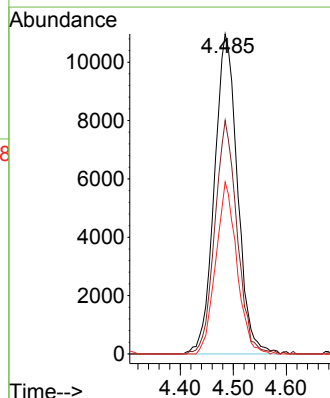
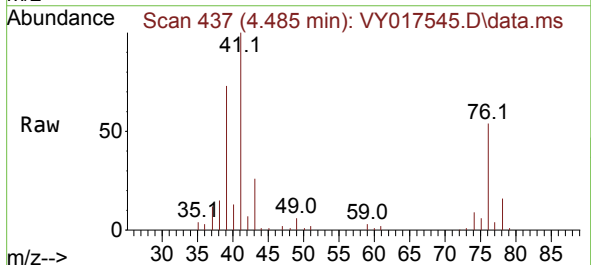
Tgt Ion: 41 Resp: 33160

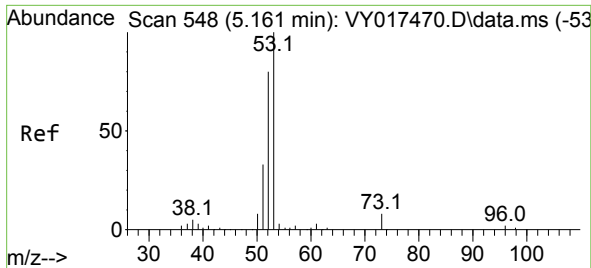
Ion Ratio Lower Upper

41 100

39 70.4 58.3 87.5

76 49.2 39.0 58.6

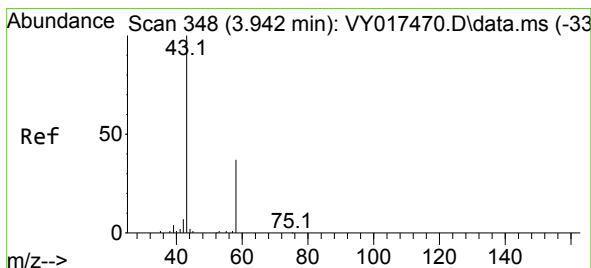
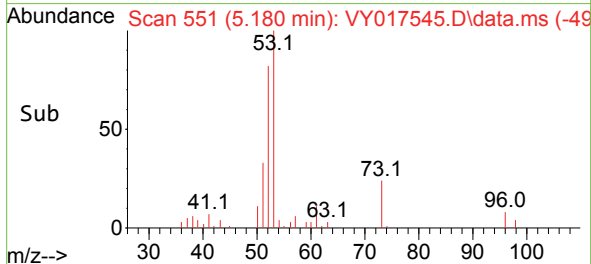
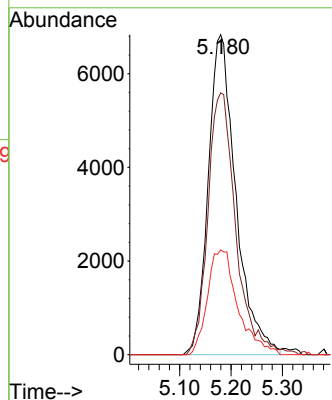
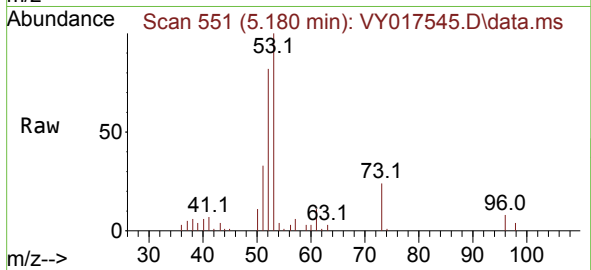




#15
Acrylonitrile
Concen: 84.101 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

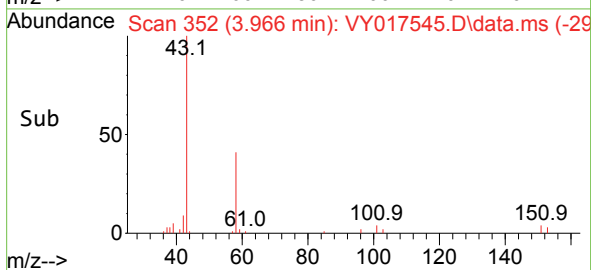
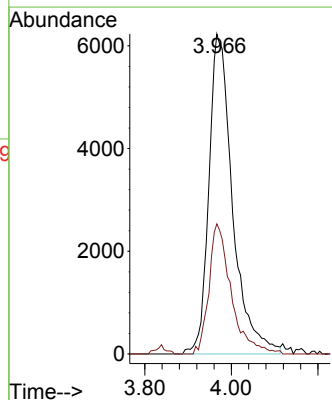
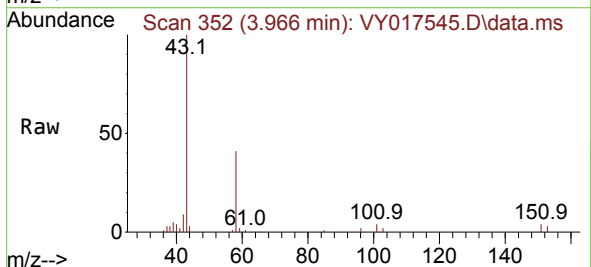
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

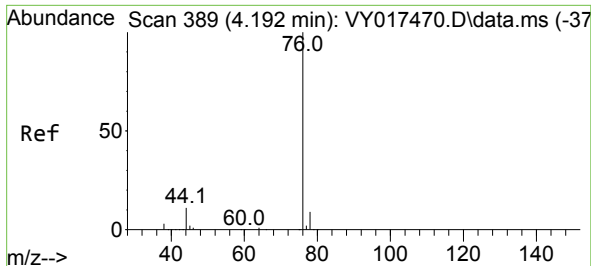
Tgt Ion:	53	Resp:	25487
Ion	Ratio	Lower	Upper
53	100		
52	82.8	64.7	97.1
51	36.1	28.4	42.6



#16
Acetone
Concen: 90.281 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion:	43	Resp:	23670
Ion	Ratio	Lower	Upper
43	100		
58	40.6	31.7	47.5

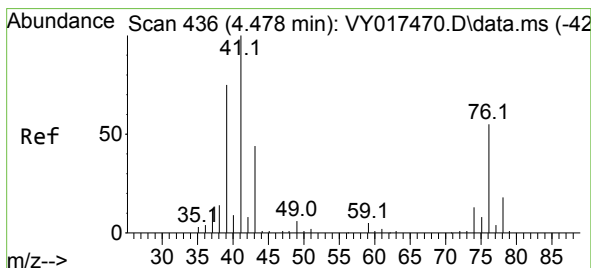
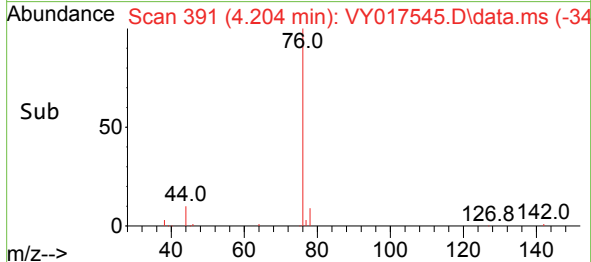
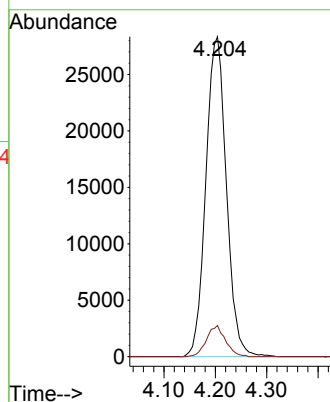
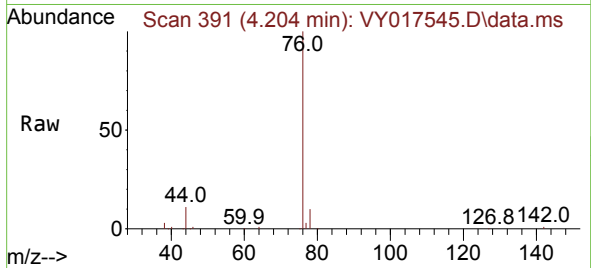




#17
Carbon Disulfide
Concen: 19.431 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

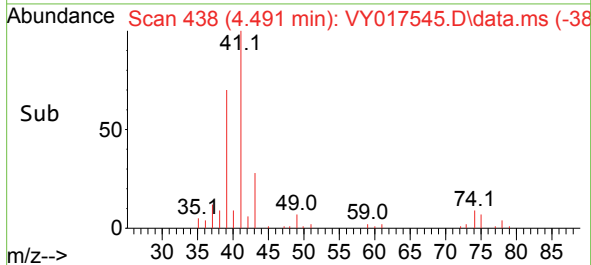
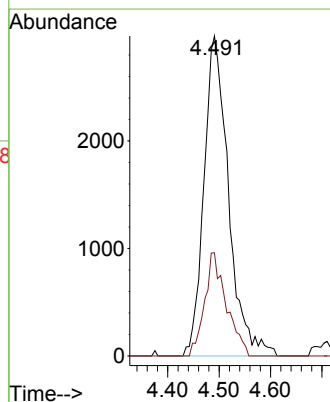
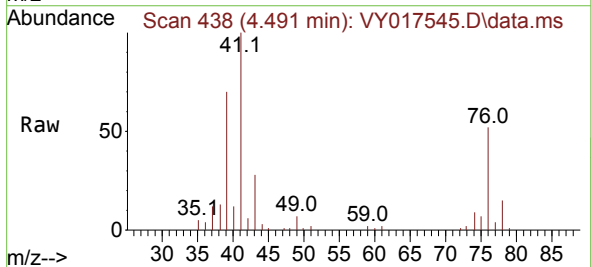
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

Tgt Ion: 76 Resp: 78583
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 15.547 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 43 Resp: 9889
Ion Ratio Lower Upper
43 100
74 28.6 23.3 34.9

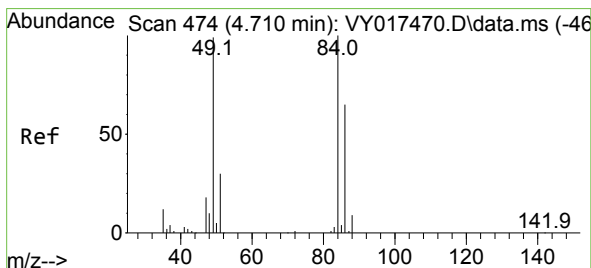
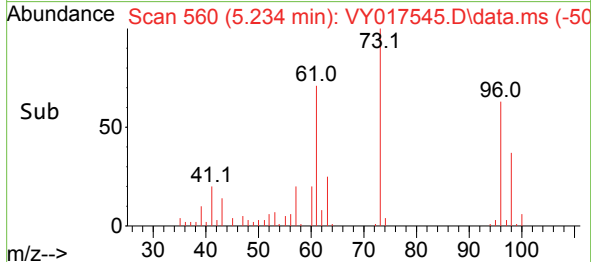
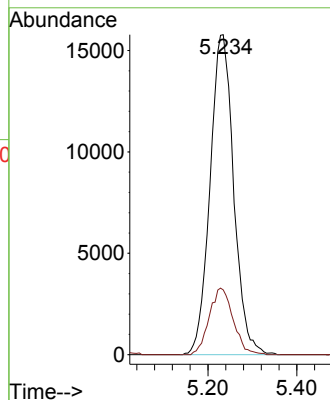
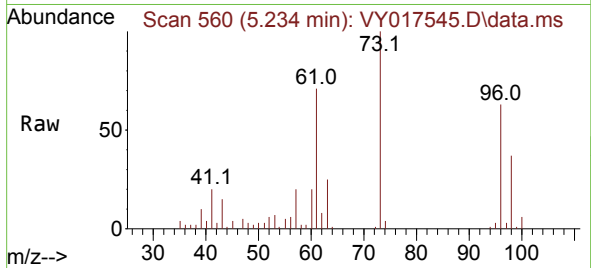




#19
Methyl tert-butyl Ether
Concen: 18.554 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

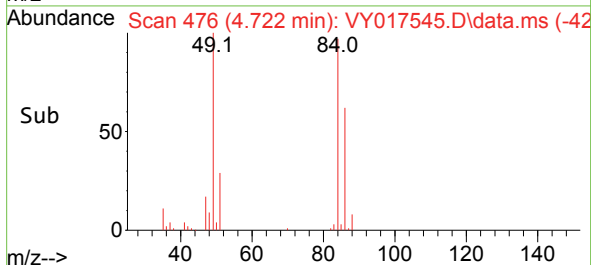
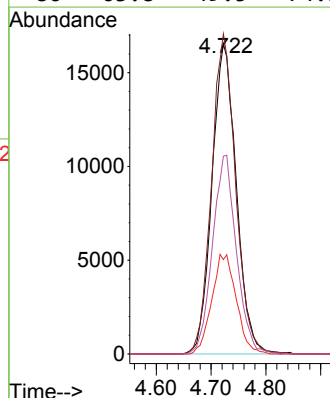
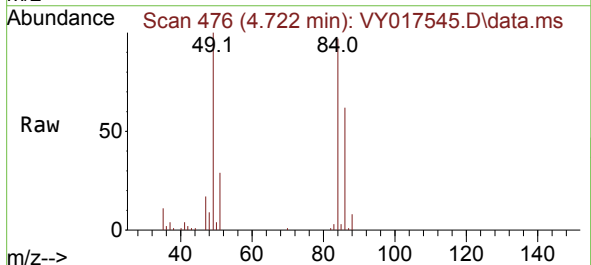
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

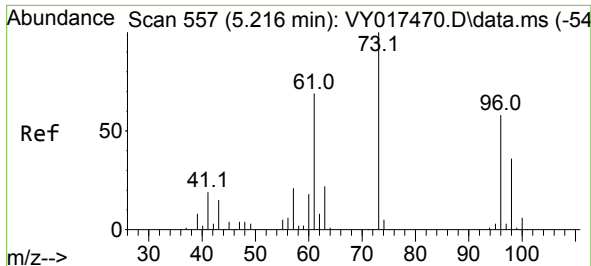
Tgt Ion: 73 Resp: 58269
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 30.932 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 84 Resp: 50865
Ion Ratio Lower Upper
84 100
49 103.2 84.4 126.6
51 30.4 26.0 39.0
86 63.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 20.779 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

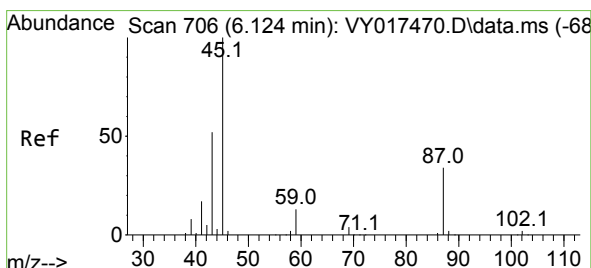
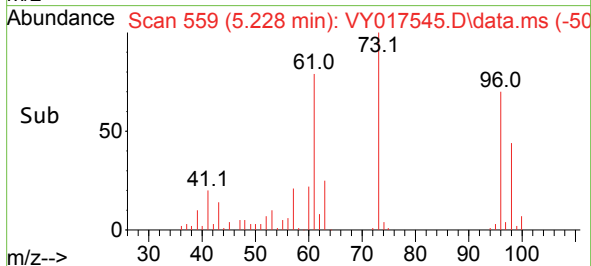
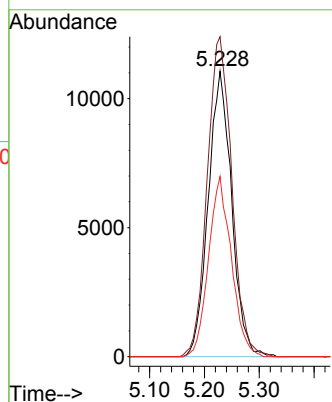
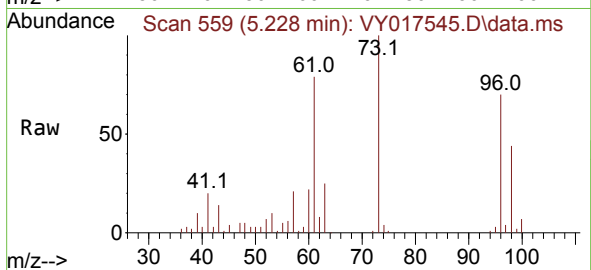
Tgt Ion: 96 Resp: 32781

Ion Ratio Lower Upper

96 100

61 112.1 97.5 146.3

98 63.1 50.5 75.7



#22

Diisopropyl ether

Concen: 20.691 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Tgt Ion: 45 Resp: 77732

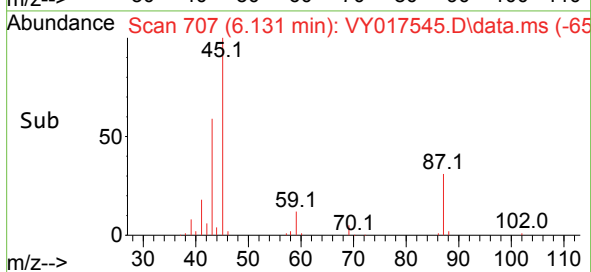
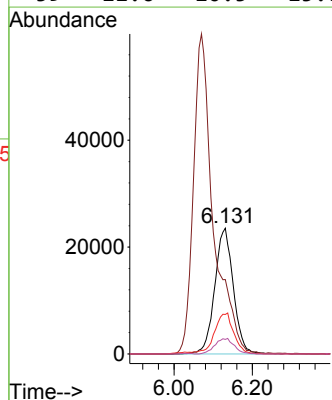
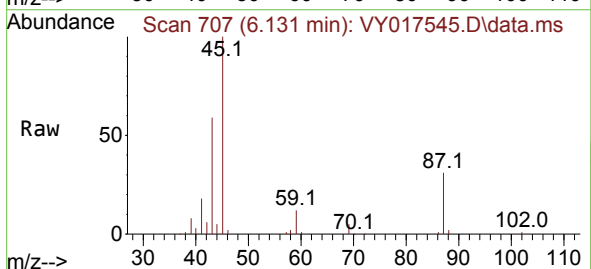
Ion Ratio Lower Upper

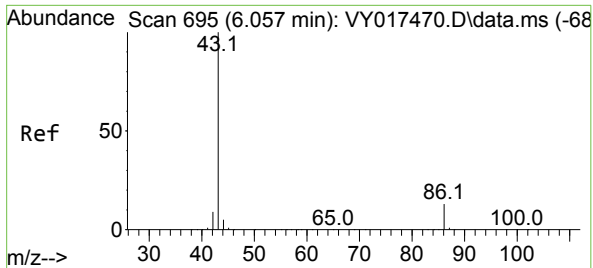
45 100

43 58.6 42.2 63.2

87 31.5 25.0 37.6

59 11.6 10.5 15.7

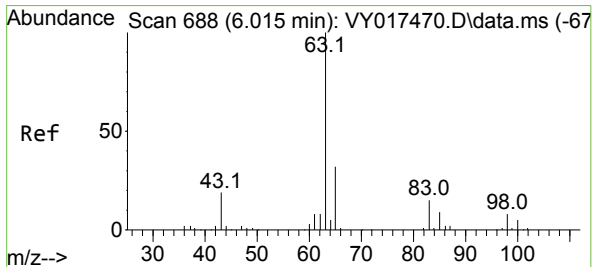
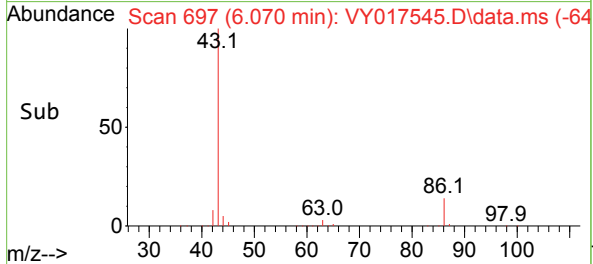
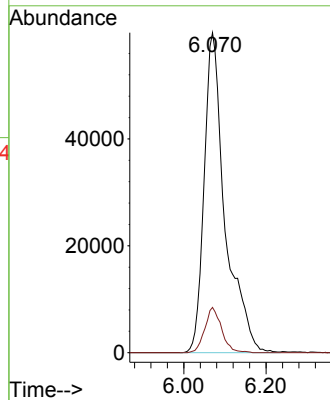
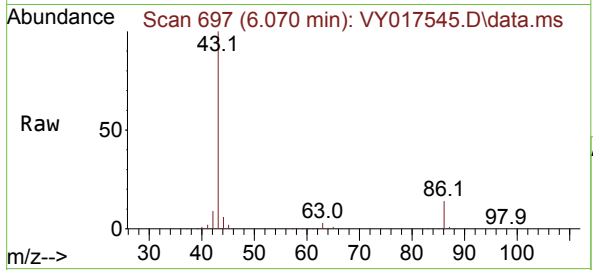




#23
 Vinyl Acetate
 Concen: 94.589 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. 0.012 min
 Lab File: VY017545.D
 Acq: 01 Mar 2024 11:51

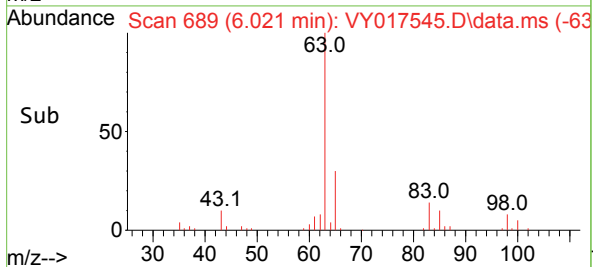
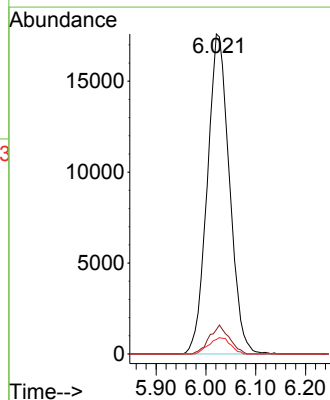
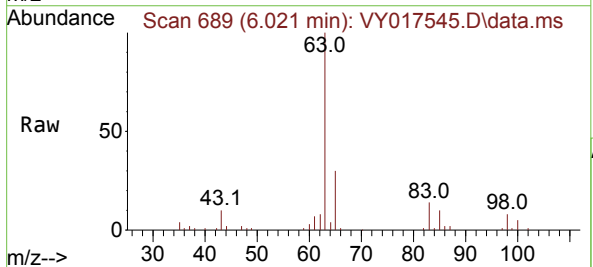
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBS02

Tgt Ion: 43 Resp: 211749
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.155 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017545.D
 Acq: 01 Mar 2024 11:51

Tgt Ion: 63 Resp: 54295
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 83.443 ug/l

RT: 7.002 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

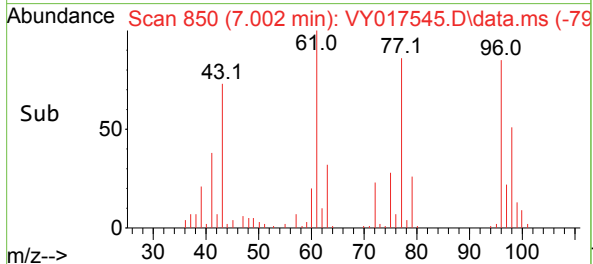
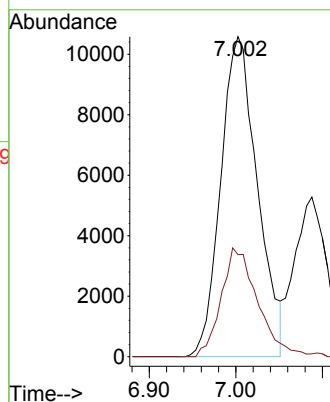
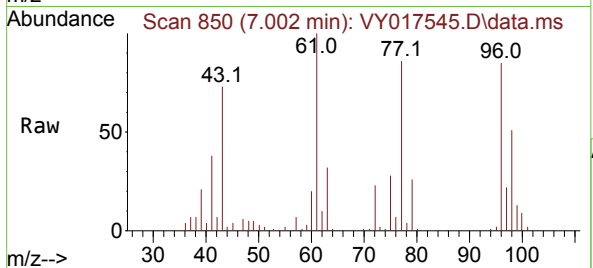
VY0301SBS02

Tgt Ion: 43 Resp: 31178

Ion Ratio Lower Upper

43 100

72 31.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.339 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017545.D

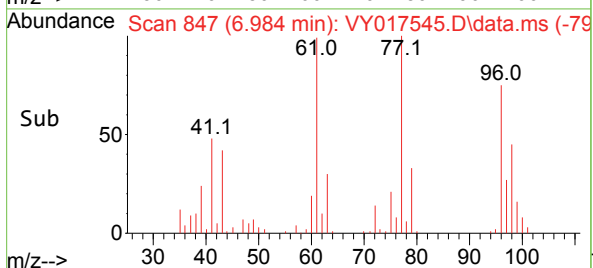
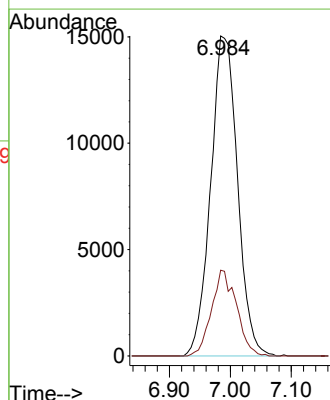
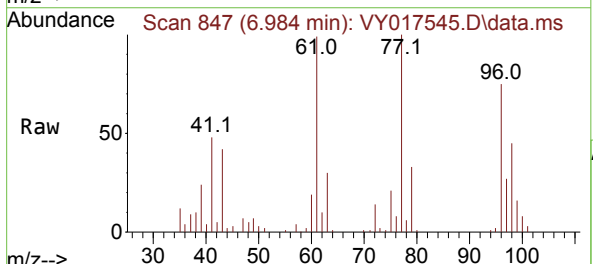
Acq: 01 Mar 2024 11:51

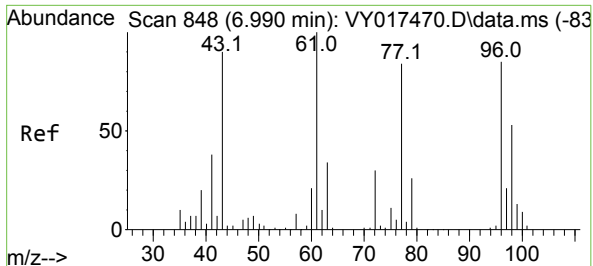
Tgt Ion: 77 Resp: 46047

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.864 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

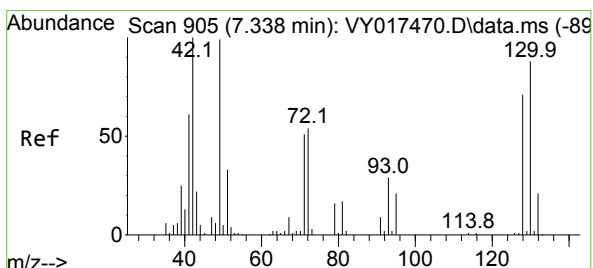
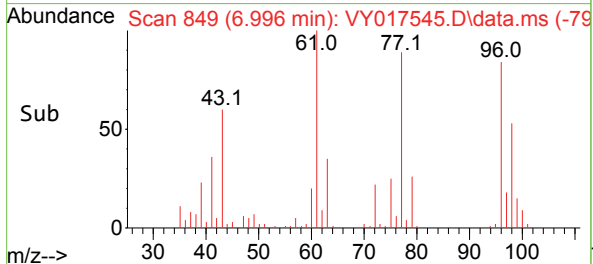
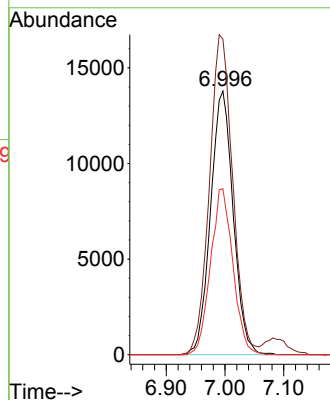
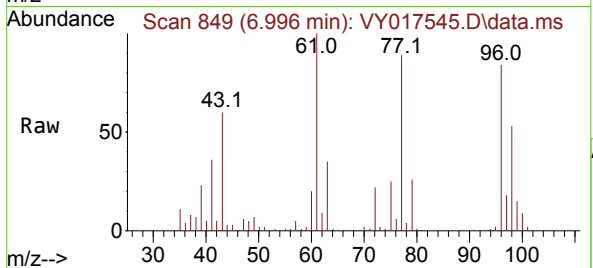
Tgt Ion: 96 Resp: 36956

Ion Ratio Lower Upper

96 100

61 124.8 0.0 256.2

98 62.2 0.0 130.0



#28

Bromochloromethane

Concen: 19.953 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

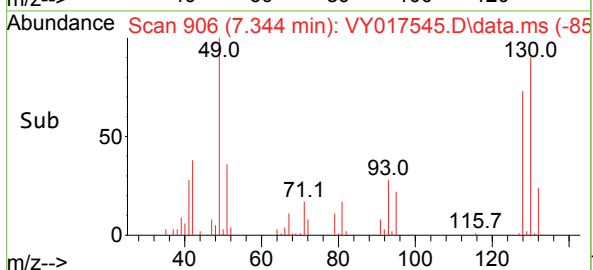
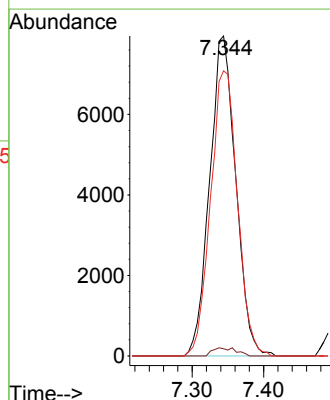
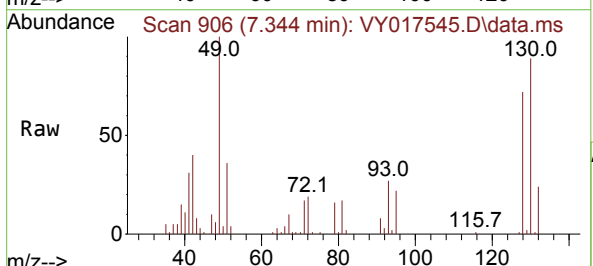
Tgt Ion: 49 Resp: 20169

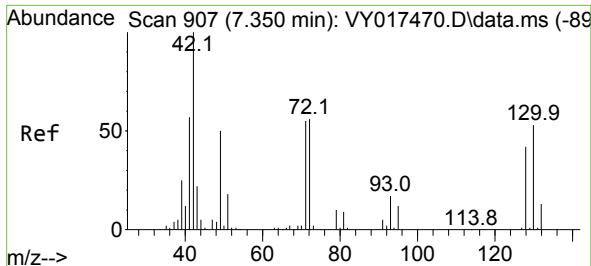
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 91.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 77.466 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

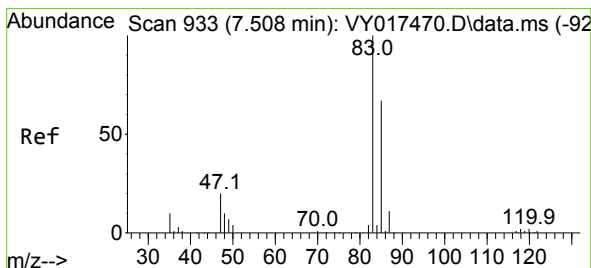
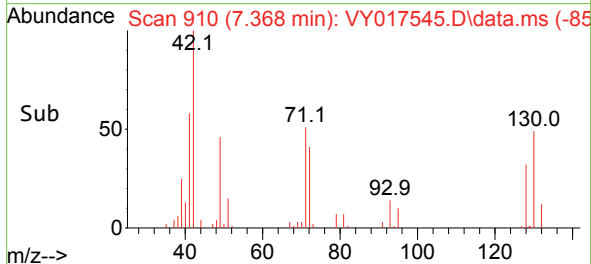
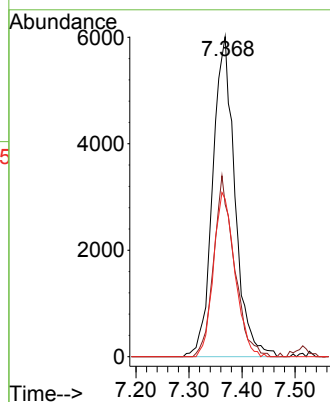
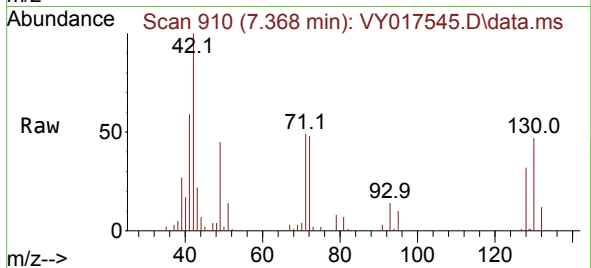
Tgt Ion: 42 Resp: 17448

Ion Ratio Lower Upper

42 100

72 52.6 43.0 64.4

71 49.5 40.8 61.2



#30

Chloroform

Concen: 21.218 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017545.D

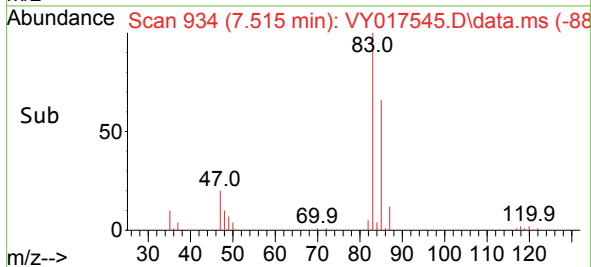
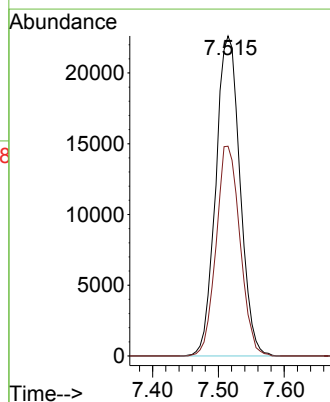
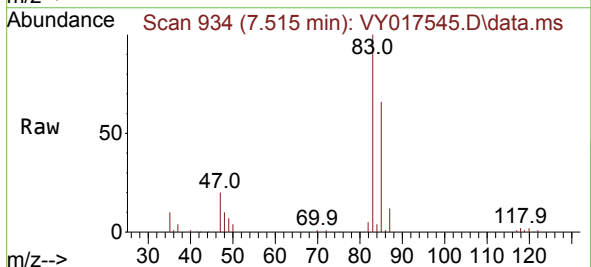
Acq: 01 Mar 2024 11:51

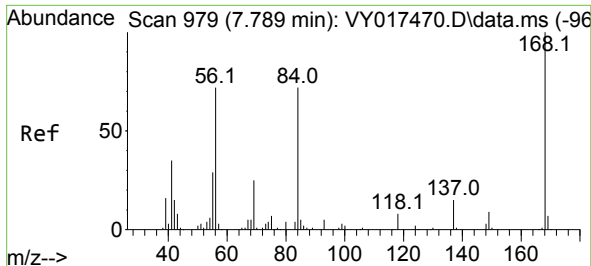
Tgt Ion: 83 Resp: 57980

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4

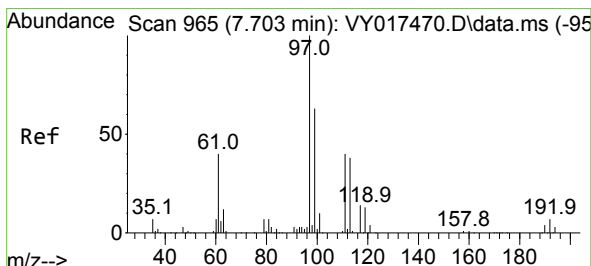
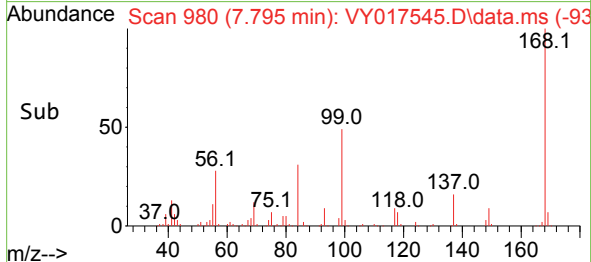
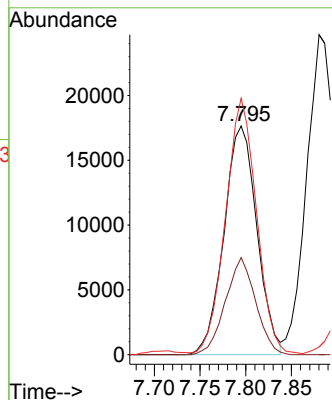
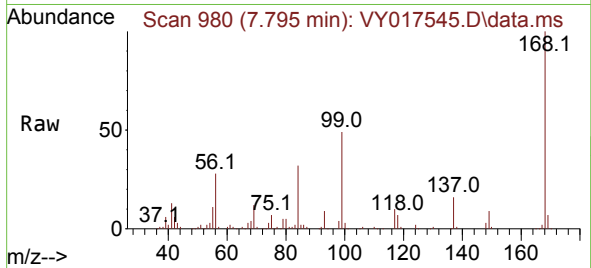




#31
Cyclohexane
Concen: 20.124 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

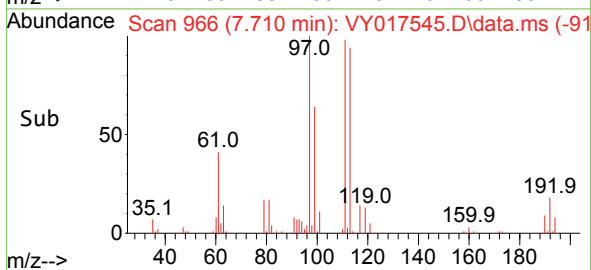
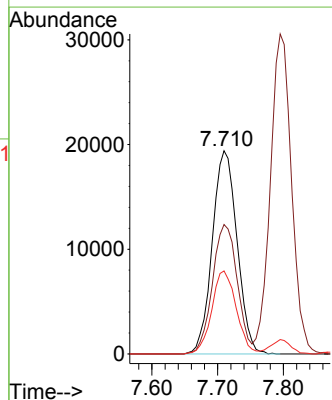
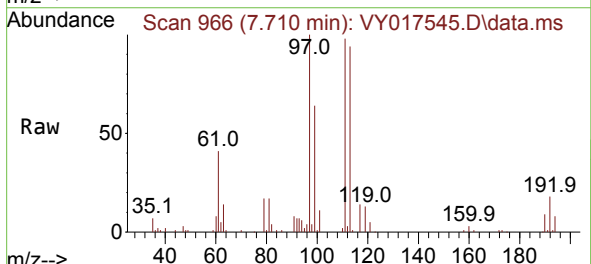
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

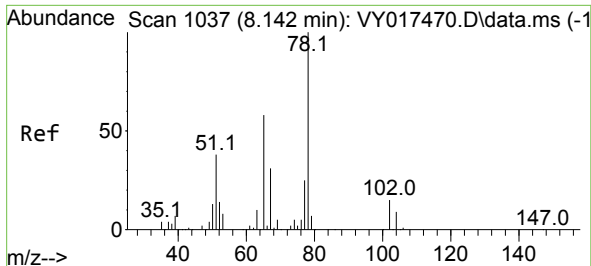
Tgt Ion: 56 Resp: 44270
Ion Ratio Lower Upper
56 100
69 42.5 28.7 43.1
84 111.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.425 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 97 Resp: 50828
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 40.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 45.793 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

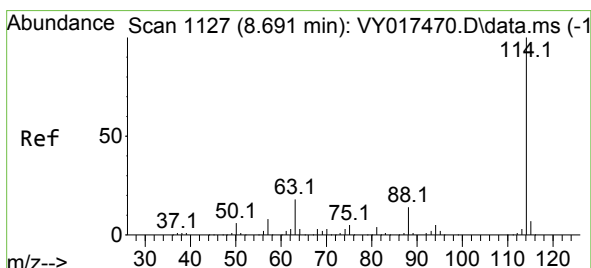
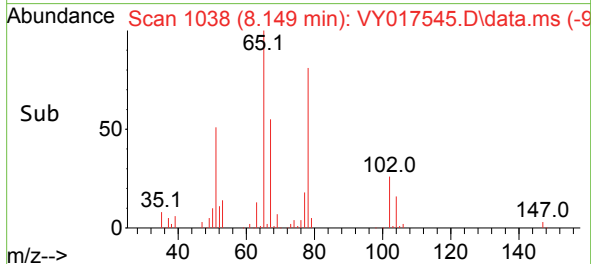
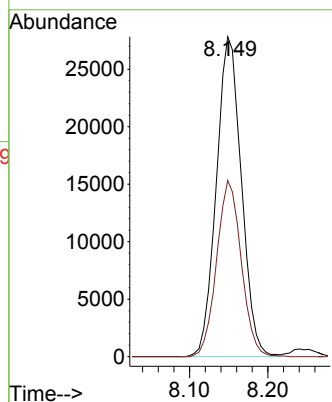
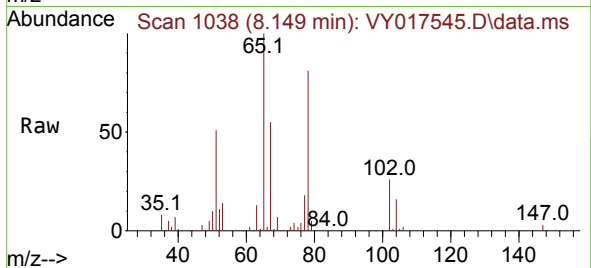
VY0301SBS02

Tgt Ion: 65 Resp: 61900

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

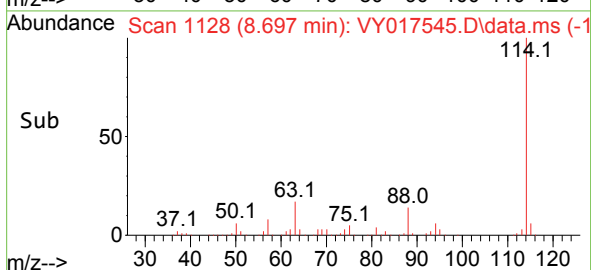
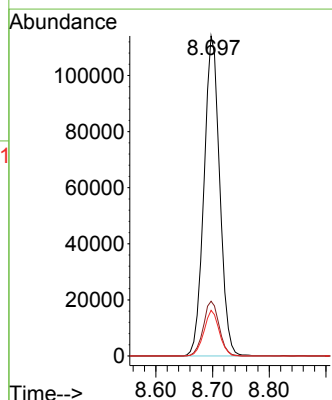
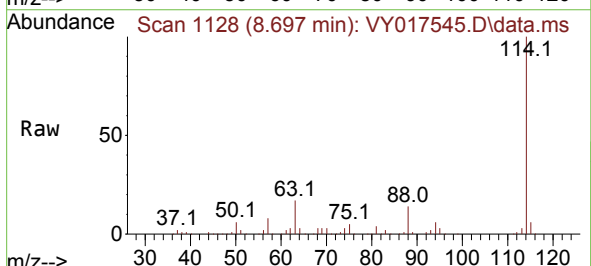
Tgt Ion: 114 Resp: 219648

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.3 0.0 27.2

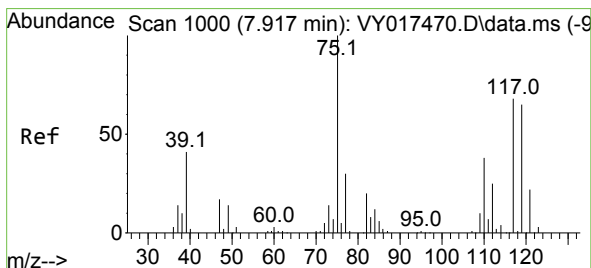
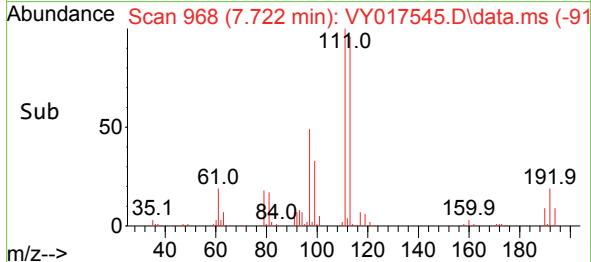
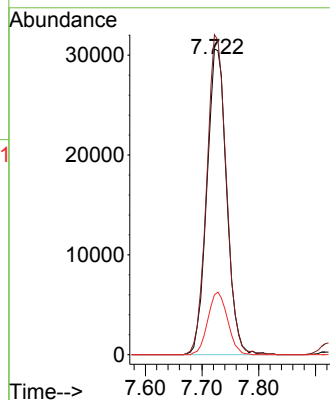
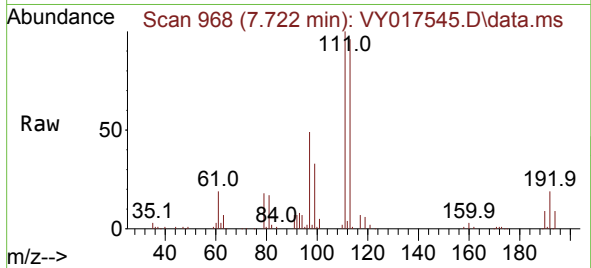




#35
Dibromofluoromethane
Concen: 48.360 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

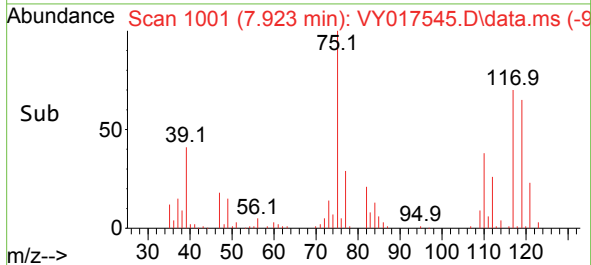
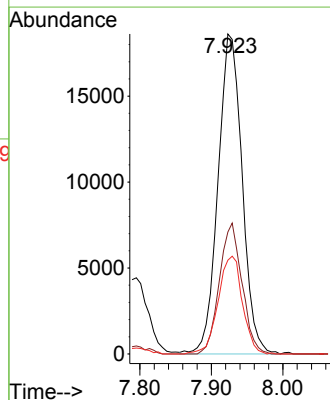
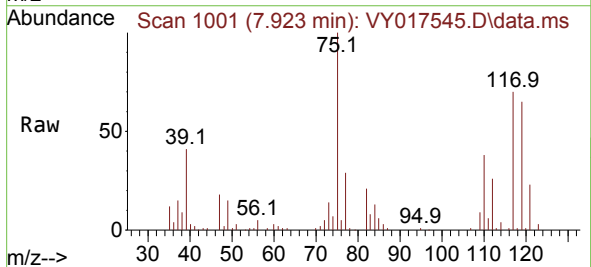
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

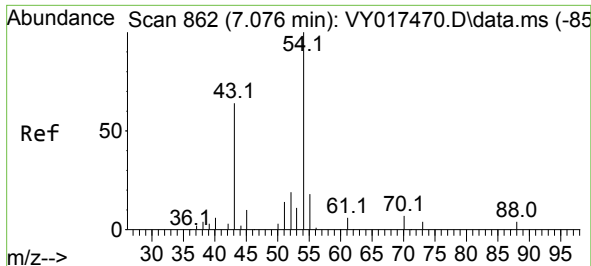
Tgt Ion:113 Resp: 74018
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.118 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 75 Resp: 43610
Ion Ratio Lower Upper
75 100
110 38.3 19.0 57.0
77 30.8 25.3 37.9

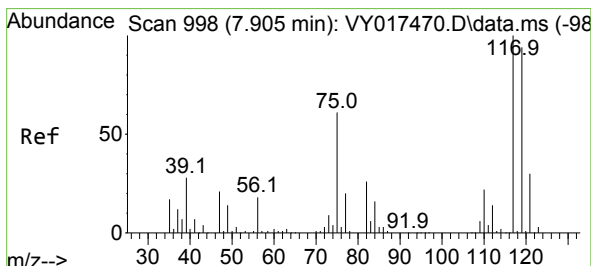
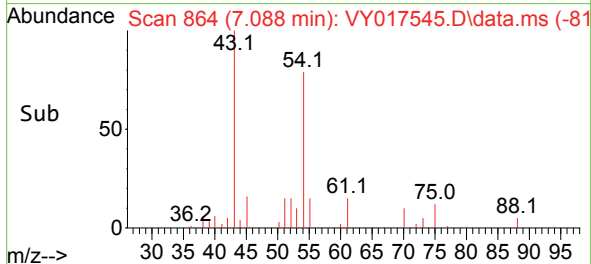
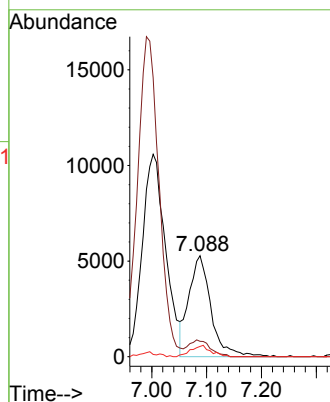
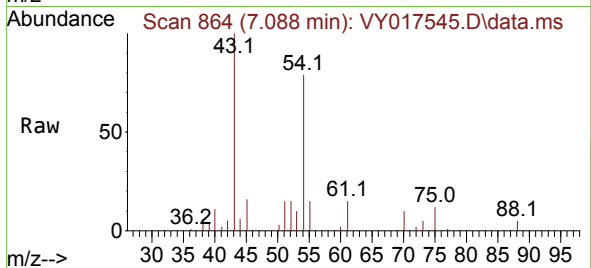




#37
Ethyl Acetate
Concen: 18.224 ug/l
RT: 7.088 min Scan# 862
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

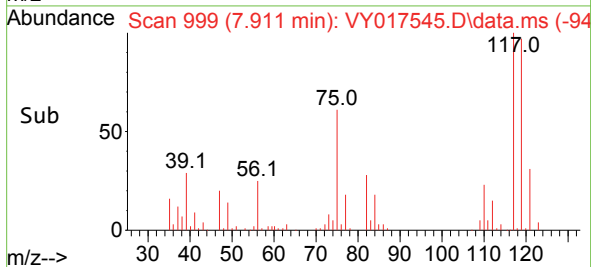
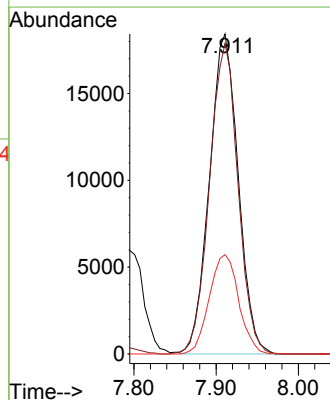
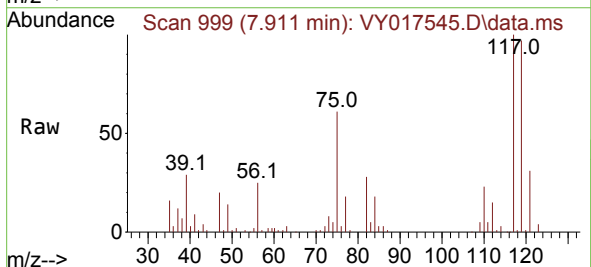
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

Tgt Ion: 43 Resp: 14864
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.700 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 117 Resp: 44911
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.6
121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 20.067 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

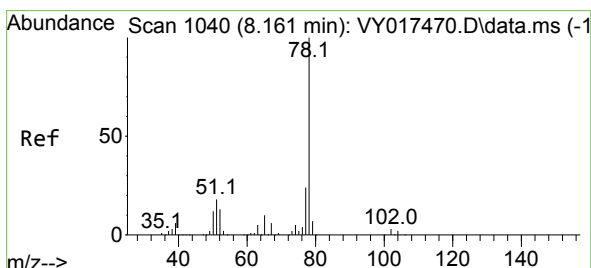
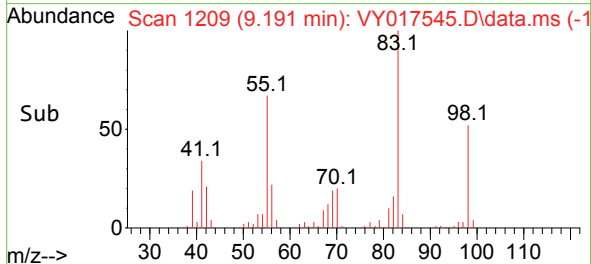
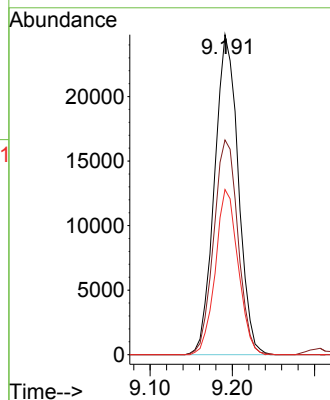
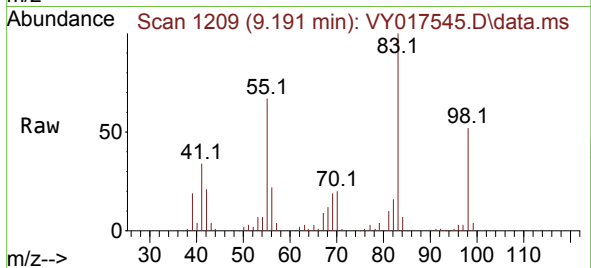
Tgt Ion: 83 Resp: 49802

Ion Ratio Lower Upper

83 100

55 67.1 51.5 77.3

98 51.6 40.5 60.7



#40

Benzene

Concen: 21.118 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017545.D

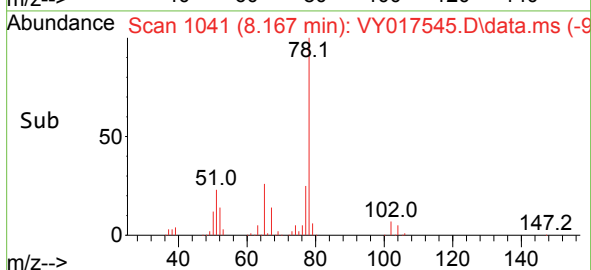
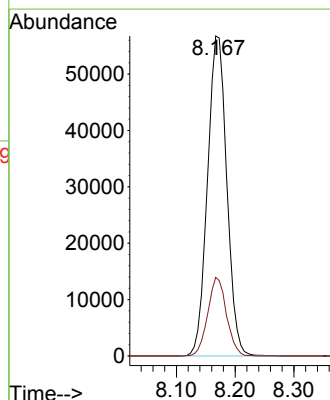
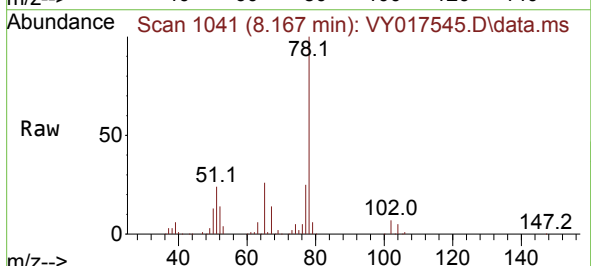
Acq: 01 Mar 2024 11:51

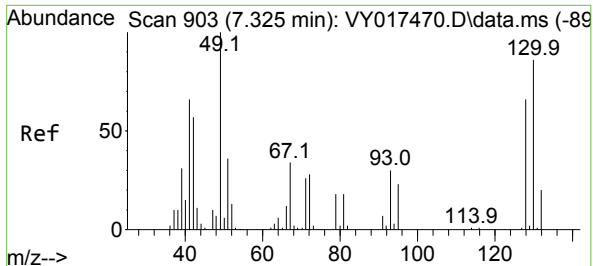
Tgt Ion: 78 Resp: 129511

Ion Ratio Lower Upper

78 100

77 24.6 19.5 29.3



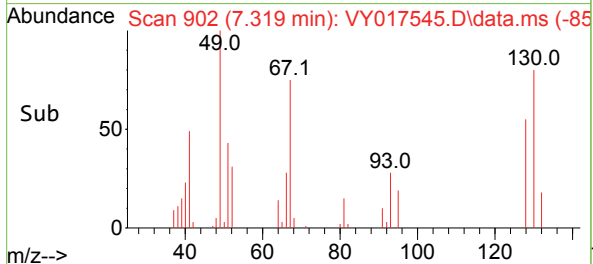
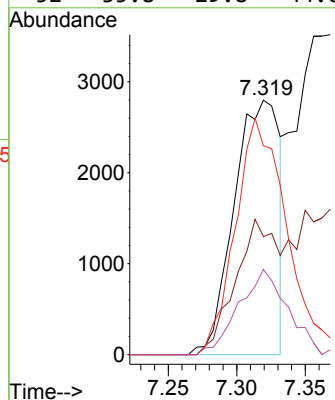
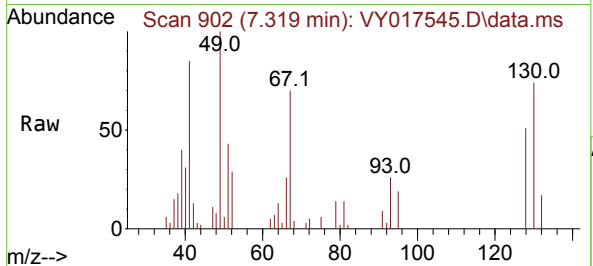


#41
Methacrylonitrile
Concen: 15.842 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

Tgt Ion: 41 Resp: 6484

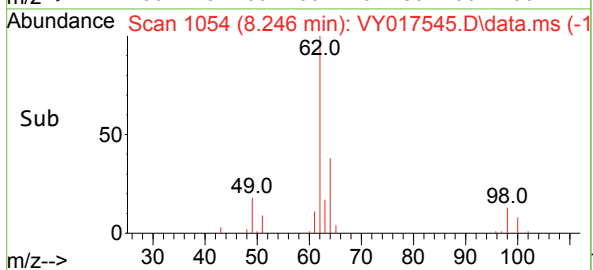
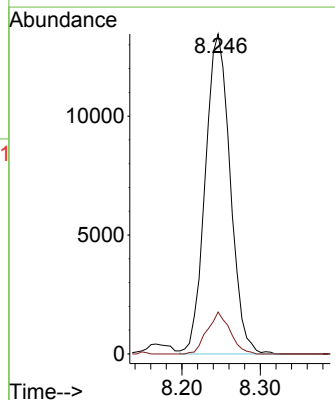
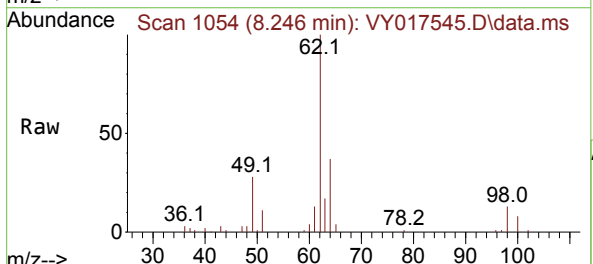
Ion	Ratio	Lower	Upper
41	100		
39	48.6	48.0	72.0
67	105.4	75.1	112.7
52	35.8	29.8	44.6

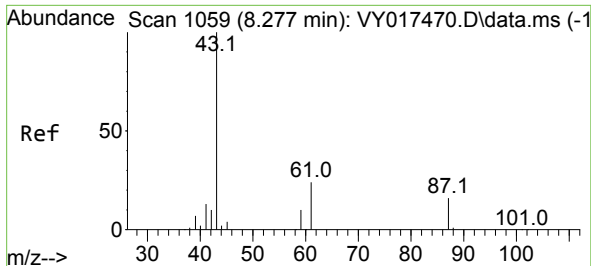


#42
1,2-Dichloroethane
Concen: 19.895 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 62 Resp: 29769

Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	22.0

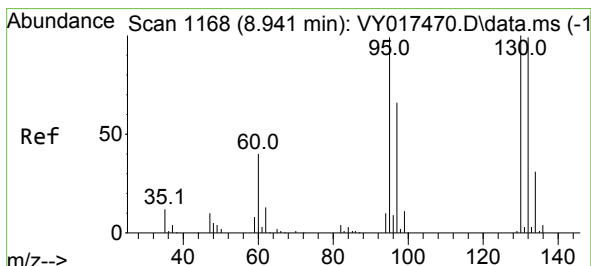
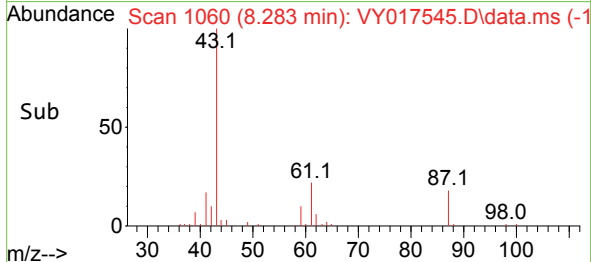
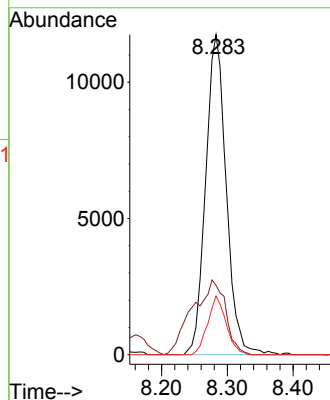
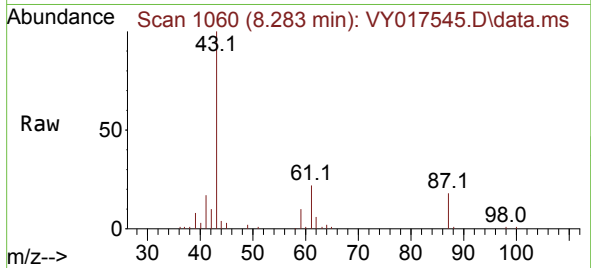




#43
Isopropyl Acetate
Concen: 17.833 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

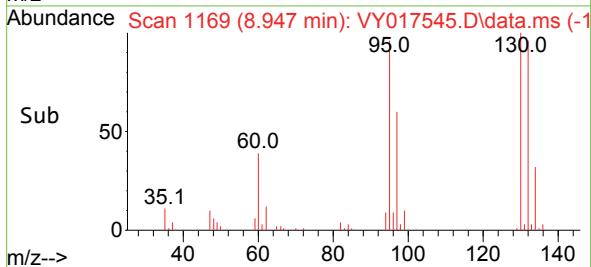
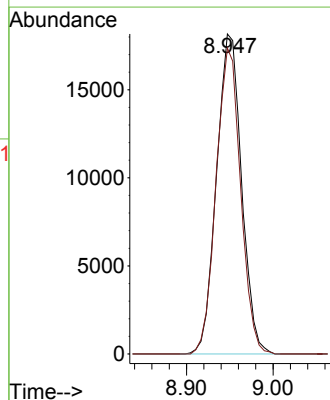
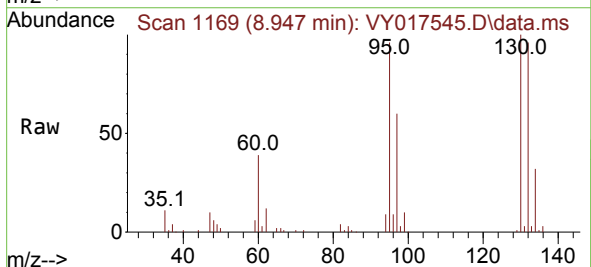
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

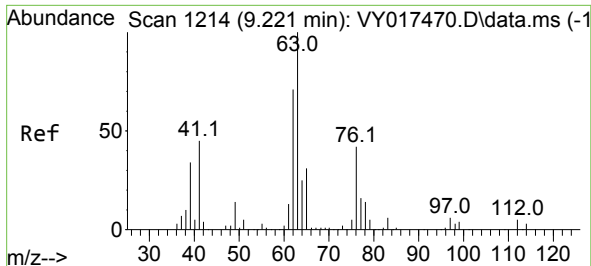
Tgt Ion: 43 Resp: 25560
Ion Ratio Lower Upper
43 100
61 37.4 27.9 41.9
87 16.4 13.1 19.7



#44
Trichloroethene
Concen: 20.627 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 130 Resp: 36462
Ion Ratio Lower Upper
130 100
95 95.6 0.0 188.0

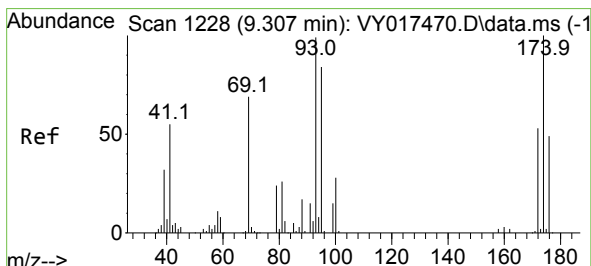
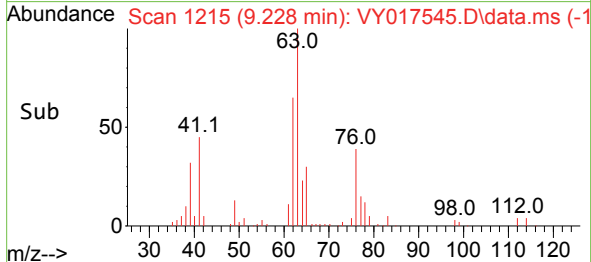
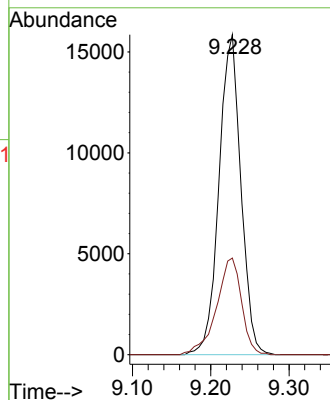
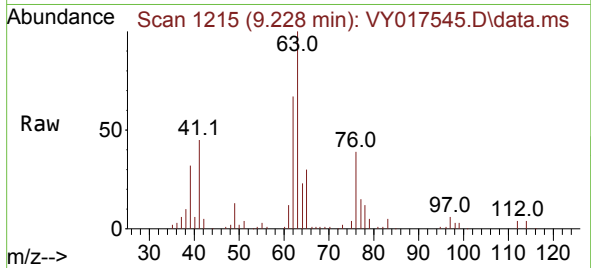




#45
1,2-Dichloropropane
Concen: 21.105 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

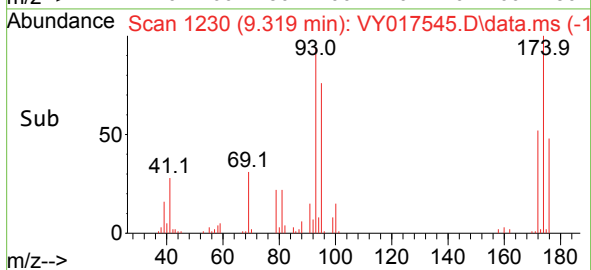
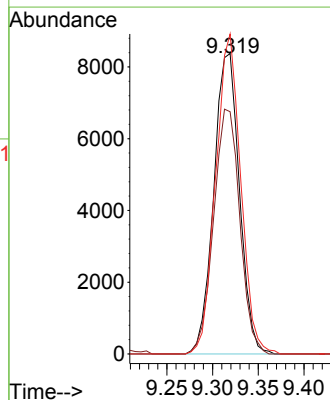
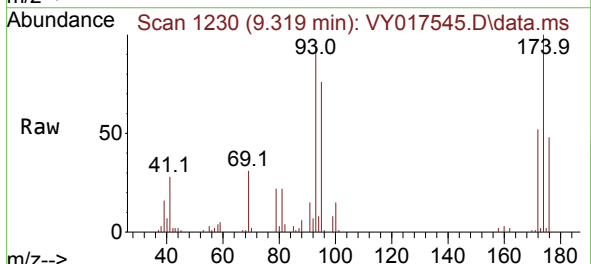
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

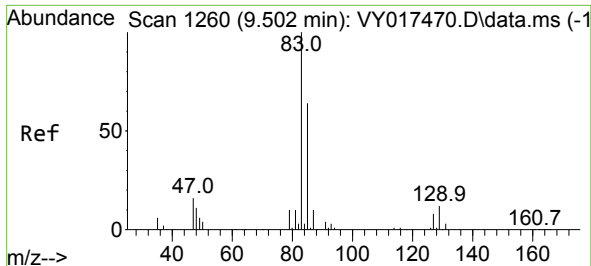
Tgt Ion: 63 Resp: 30793
Ion Ratio Lower Upper
63 100
65 30.2 25.4 38.2



#46
Dibromomethane
Concen: 19.598 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 93 Resp: 16365
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.4
174 103.9 80.9 121.3

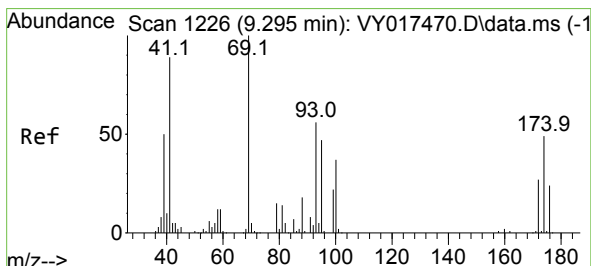
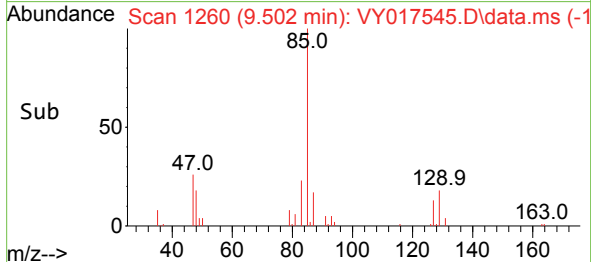
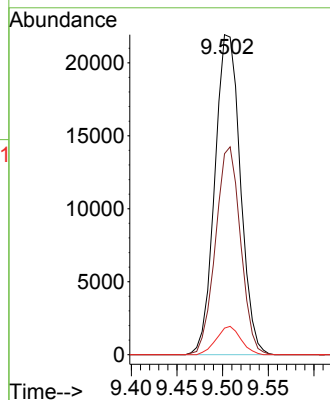
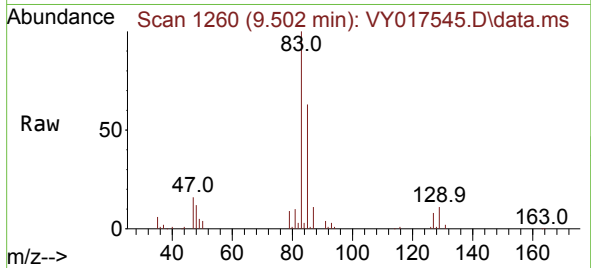




#47
Bromodichloromethane
Concen: 21.008 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

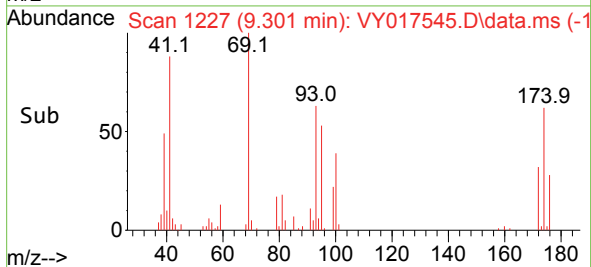
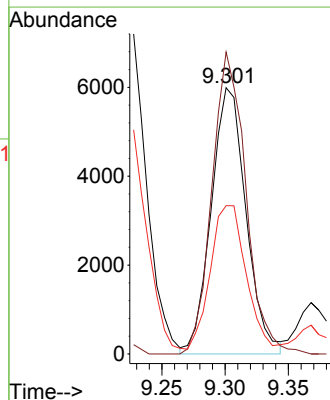
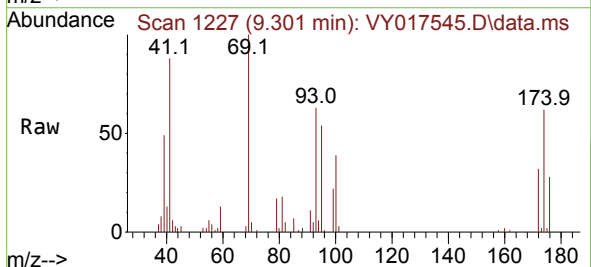
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

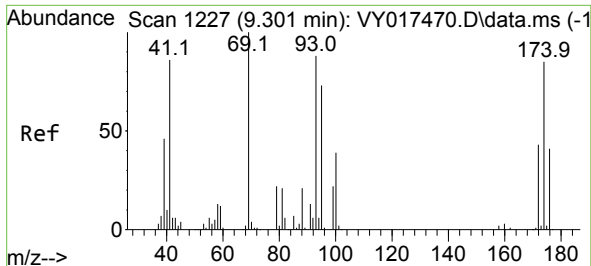
Tgt Ion: 83 Resp: 42594
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 17.292 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 41 Resp: 11472
Ion Ratio Lower Upper
41 100
69 110.1 84.1 126.1
39 55.8 43.6 65.4

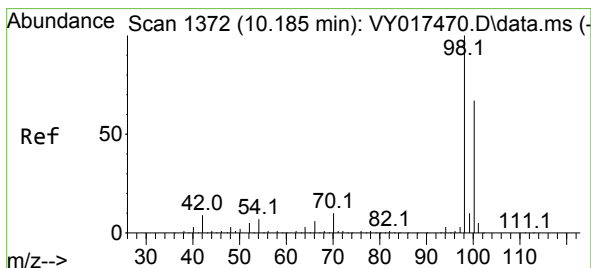
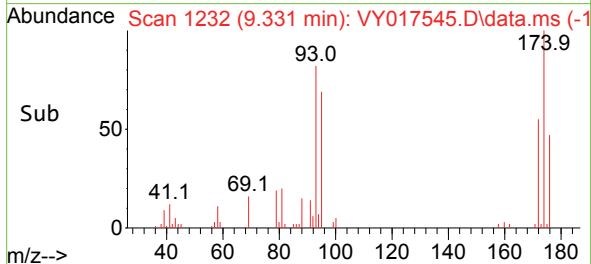
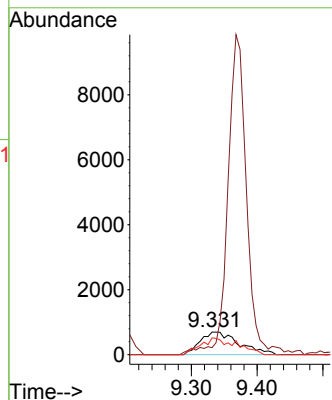
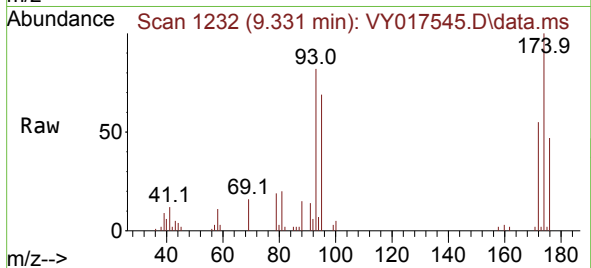




#49
1,4-Dioxane
Concen: 301.794 ug/l
RT: 9.331 min Scan# 11
Delta R.T. 0.031 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

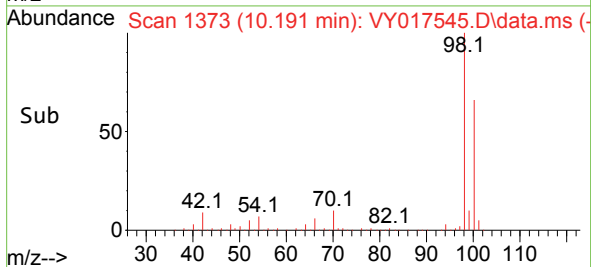
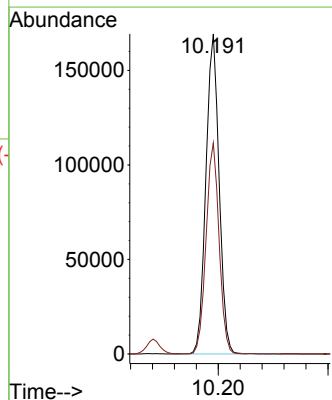
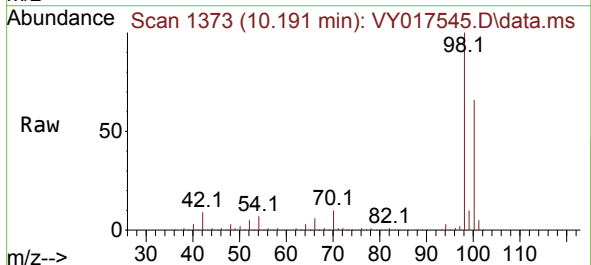
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

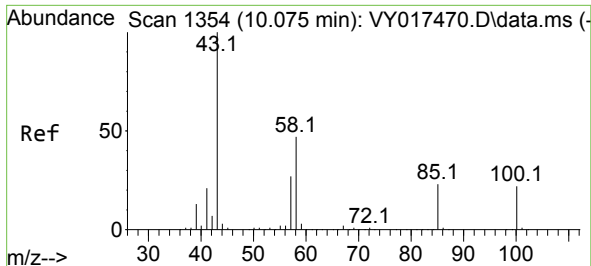
Tgt Ion: 88 Resp: 2852
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 50.0 49.3 73.9



#50
Toluene-d8
Concen: 52.613 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 98 Resp: 281557
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 84.833 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

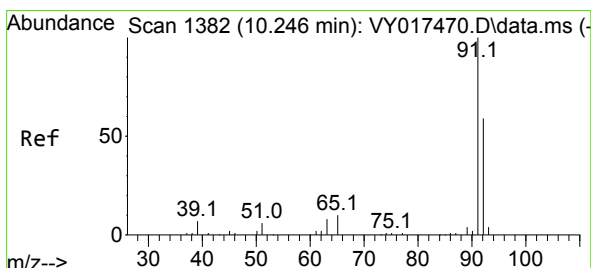
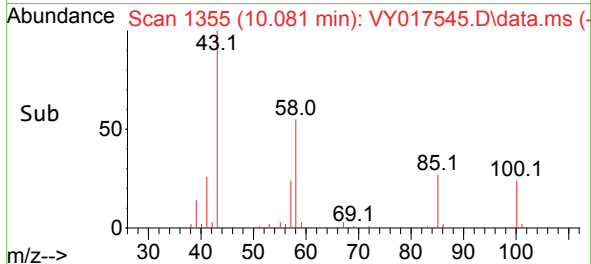
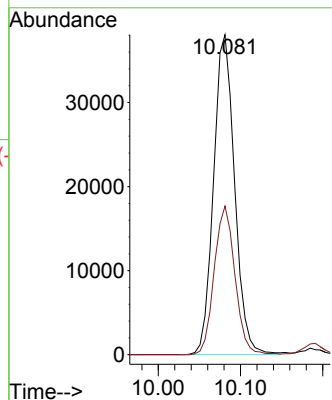
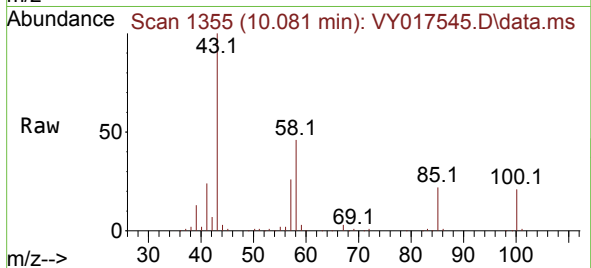
VY0301SBS02

Tgt Ion: 43 Resp: 67765

Ion Ratio Lower Upper

43 100

58 45.7 35.7 53.5



#52

Toluene

Concen: 21.079 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY017545.D

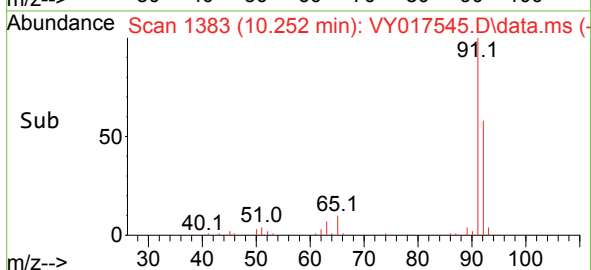
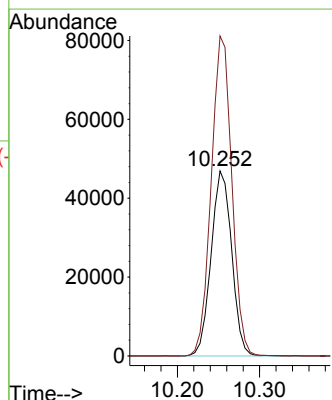
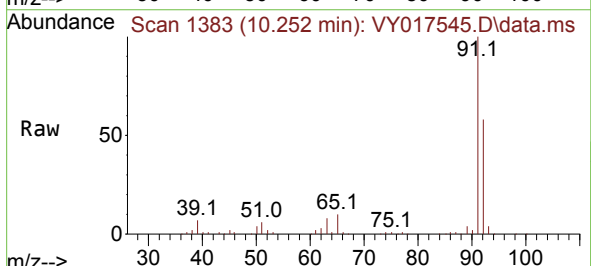
Acq: 01 Mar 2024 11:51

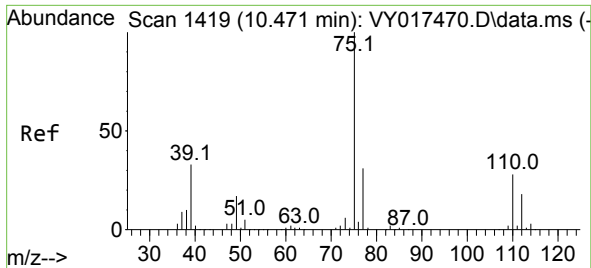
Tgt Ion: 92 Resp: 81496

Ion Ratio Lower Upper

92 100

91 173.3 139.0 208.6

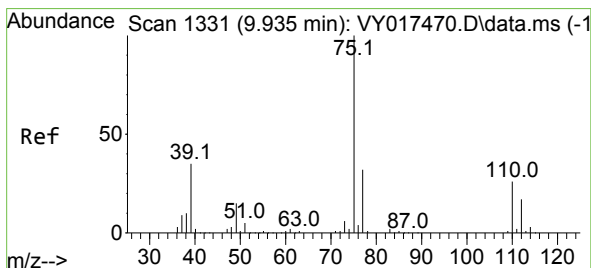
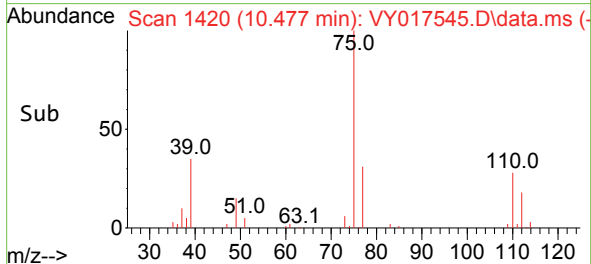
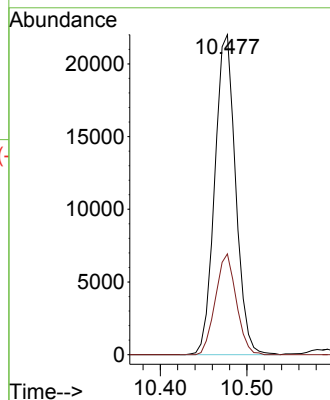
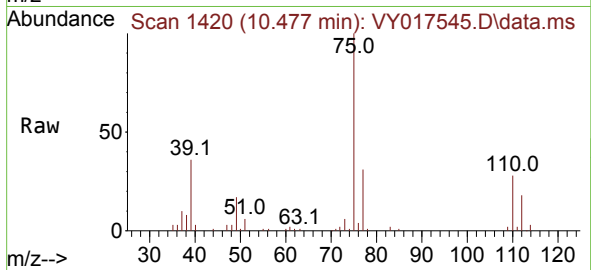




#53
 t-1,3-Dichloropropene
 Concen: 19.566 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017545.D
 Acq: 01 Mar 2024 11:51

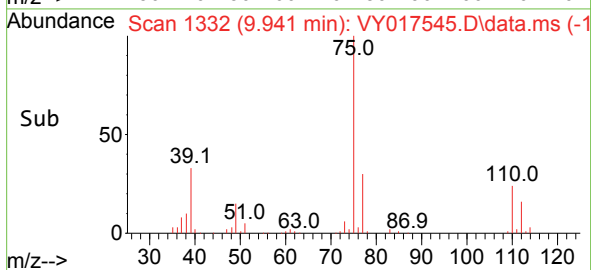
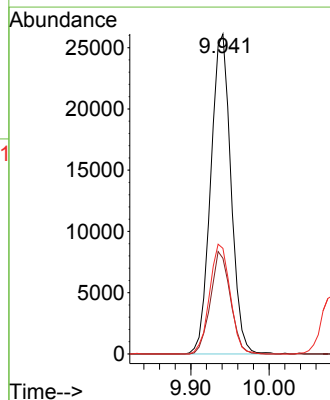
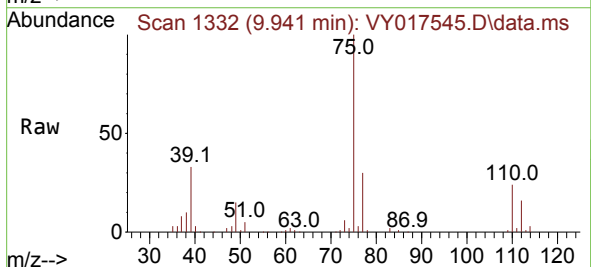
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBS02

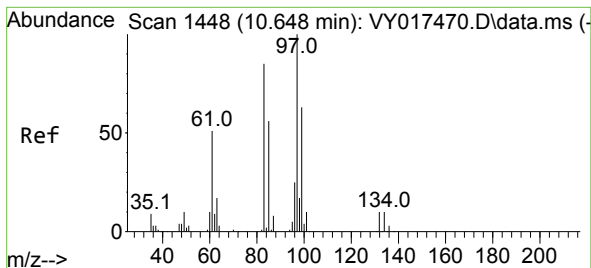
Tgt Ion: 75 Resp: 36822
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.431 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017545.D
 Acq: 01 Mar 2024 11:51

Tgt Ion: 75 Resp: 46718
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0
 39 33.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.089 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

Tgt Ion: 97 Resp: 22632

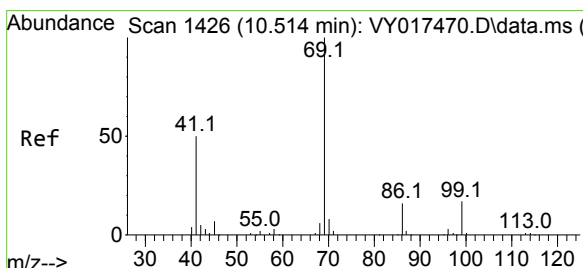
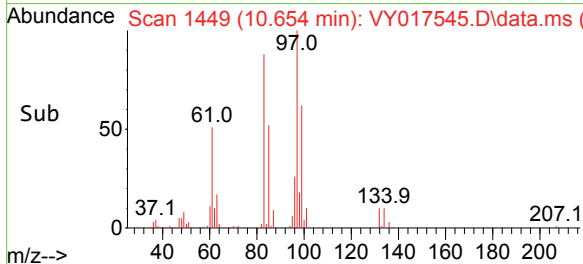
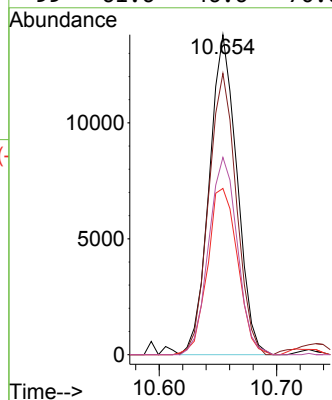
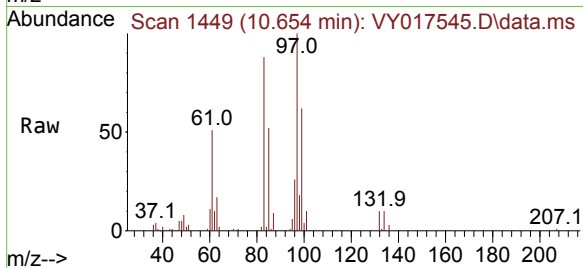
Ion Ratio Lower Upper

97 100

83 87.5 67.5 101.3

85 51.9 42.9 64.3

99 61.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.038 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

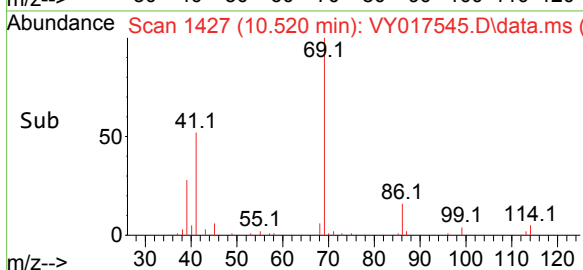
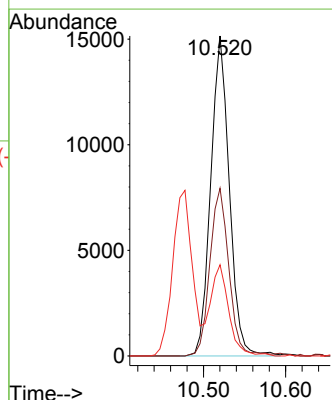
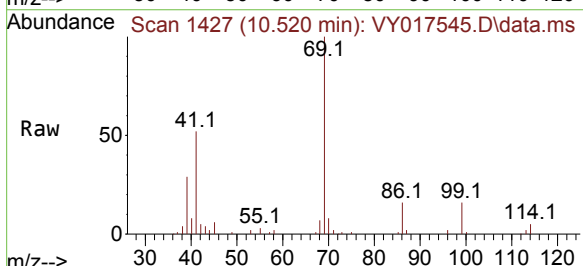
Tgt Ion: 69 Resp: 23818

Ion Ratio Lower Upper

69 100

41 54.2 42.3 63.5

39 26.8 22.9 34.3

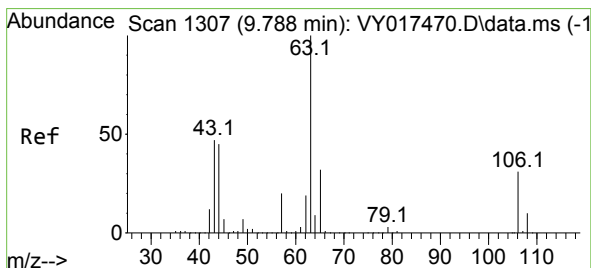
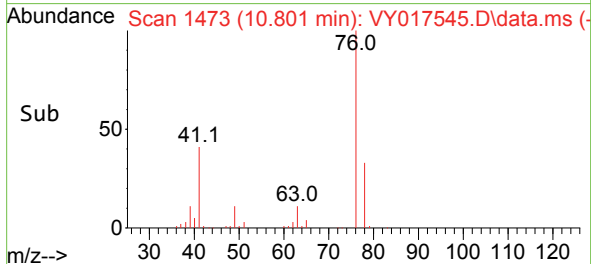
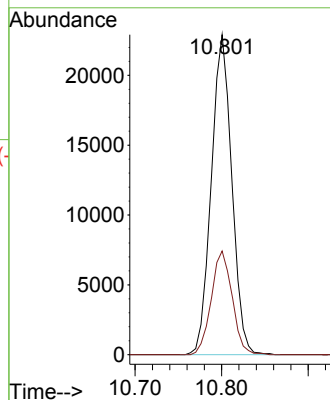
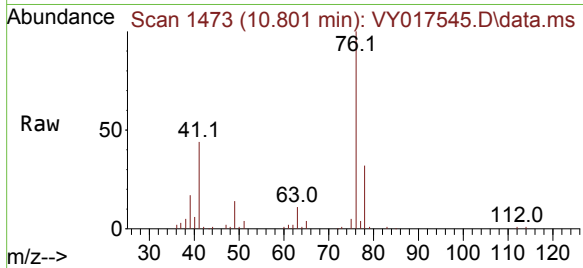




#57
1,3-Dichloropropane
Concen: 19.544 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

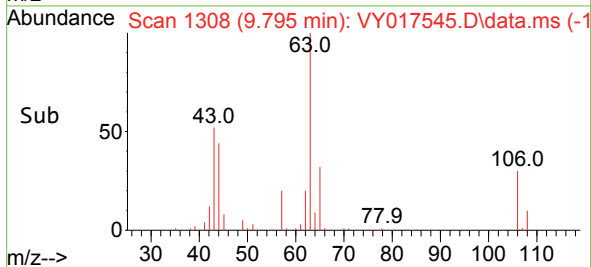
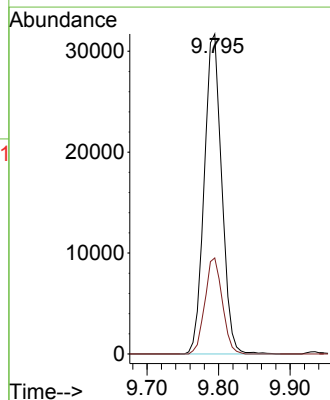
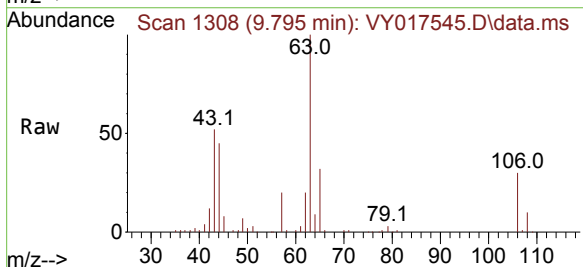
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

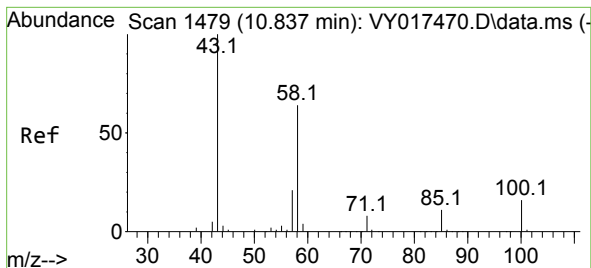
Tgt Ion: 76 Resp: 37674
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 78.593 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 63 Resp: 53769
Ion Ratio Lower Upper
63 100
106 29.9 23.7 35.5

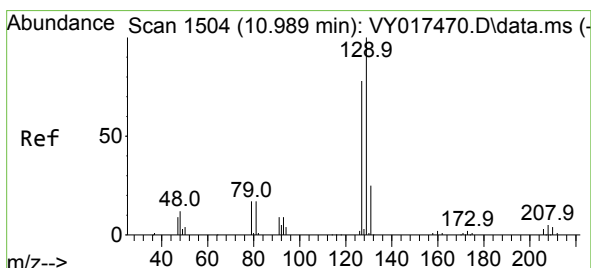
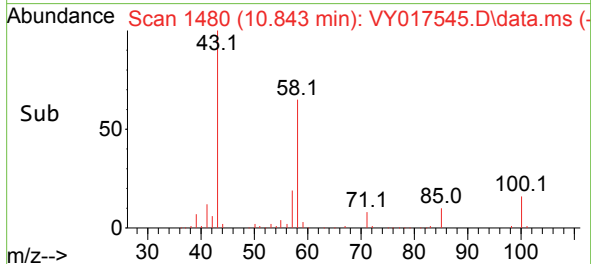
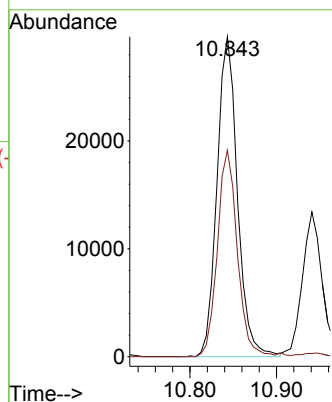
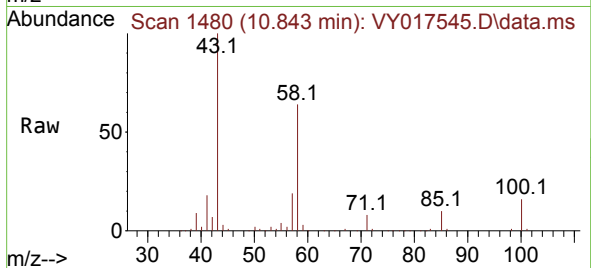




#59
2-Hexanone
Concen: 88.659 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

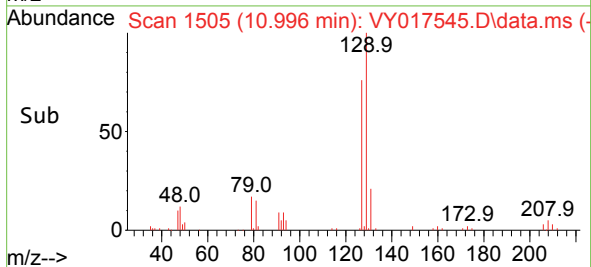
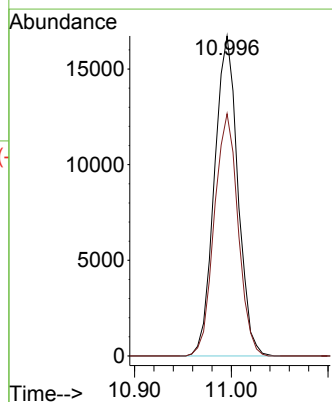
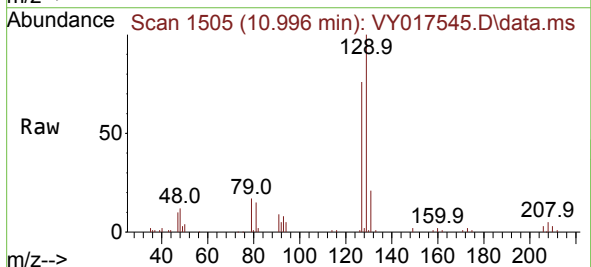
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

Tgt Ion: 43 Resp: 48646
Ion Ratio Lower Upper
43 100
58 62.8 31.4 94.0



#60
Dibromochloromethane
Concen: 20.006 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 129 Resp: 28060
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.238 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

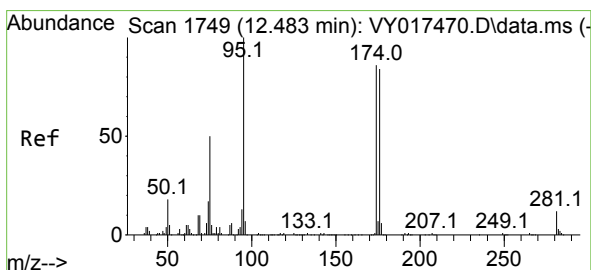
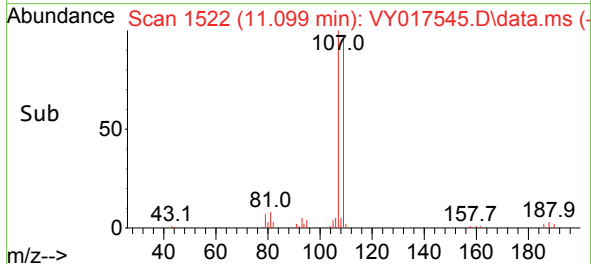
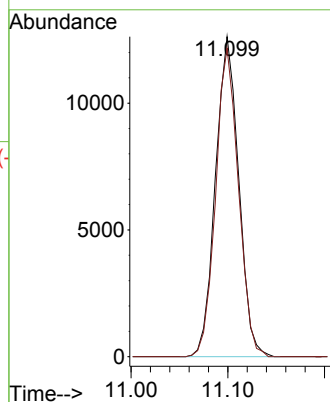
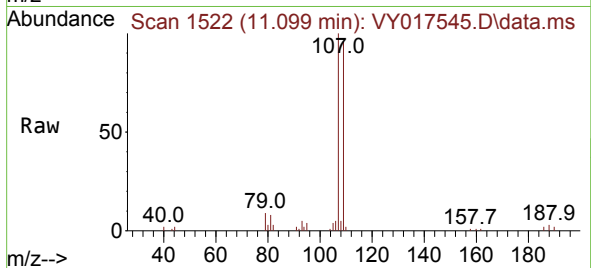
VY0301SBS02

Tgt Ion:107 Resp: 21019

Ion Ratio Lower Upper

107 100

109 94.6 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.892 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

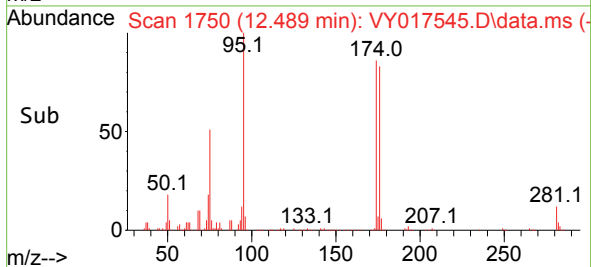
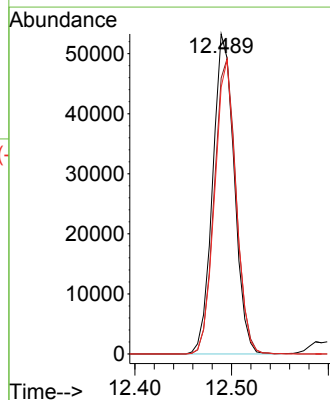
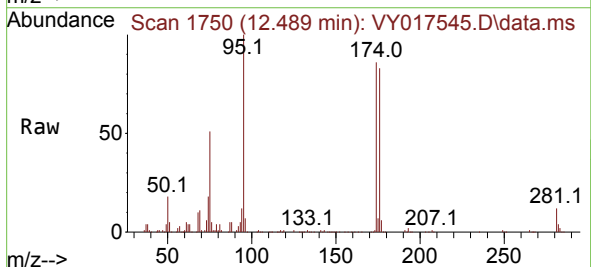
Tgt Ion: 95 Resp: 82227

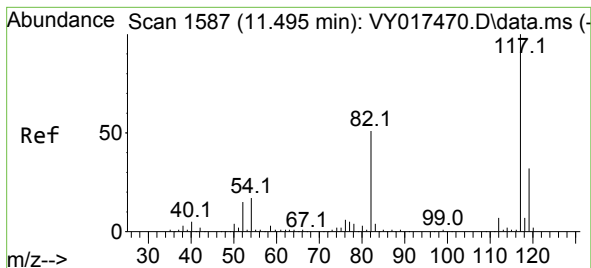
Ion Ratio Lower Upper

95 100

174 93.4 0.0 175.6

176 91.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

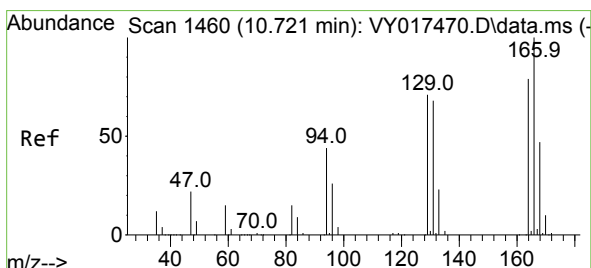
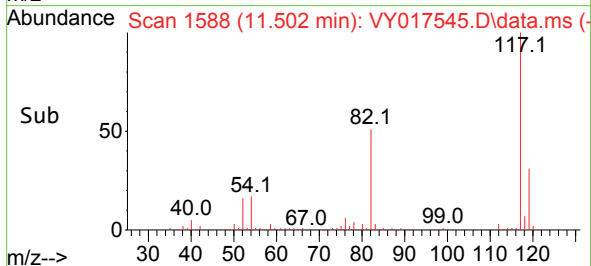
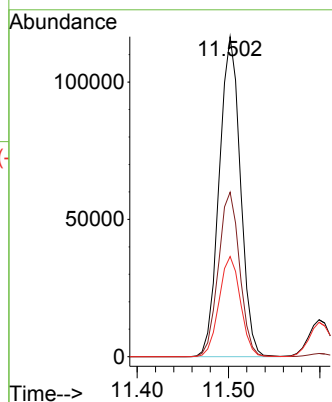
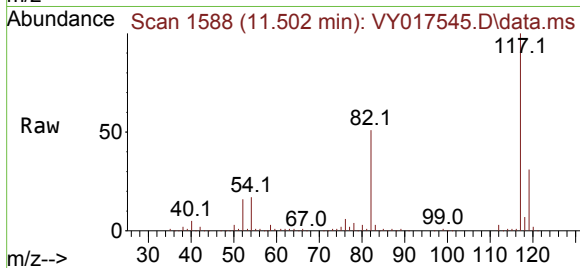
Tgt Ion:117 Resp: 188041

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.3 25.9 38.9



#64

Tetrachloroethene

Concen: 19.916 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Tgt Ion:164 Resp: 35945

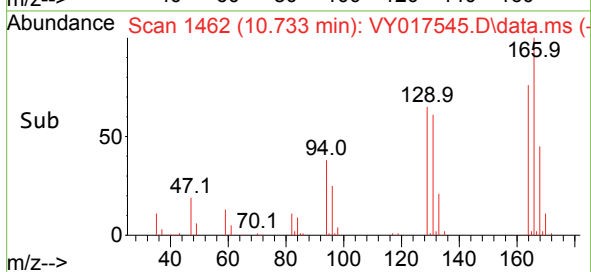
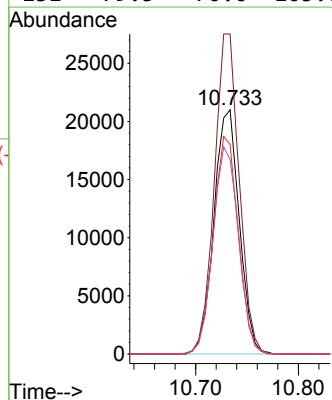
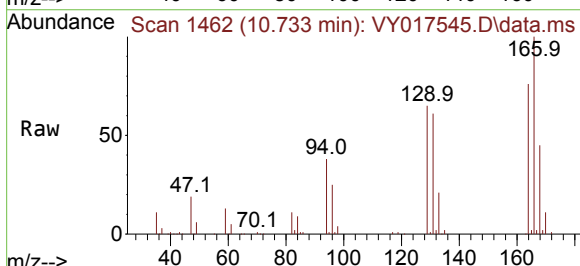
Ion Ratio Lower Upper

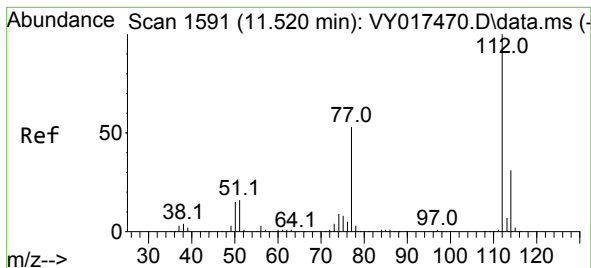
164 100

166 131.0 102.6 154.0

129 85.8 72.0 108.0

131 79.5 70.0 105.0

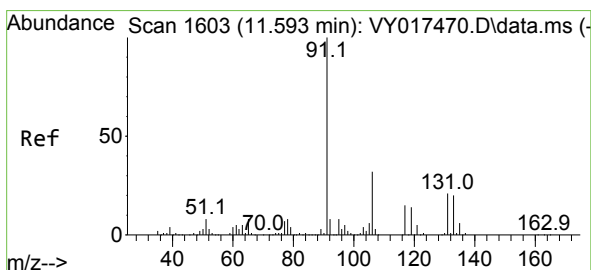
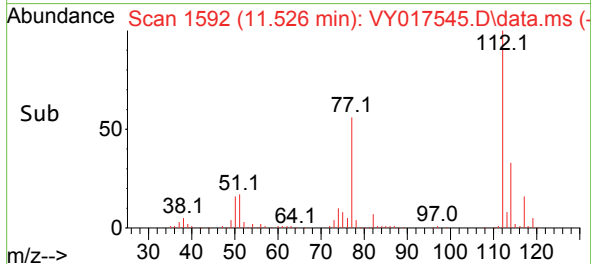
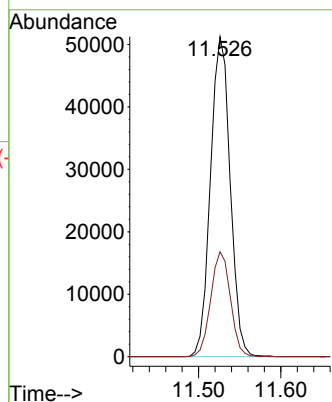
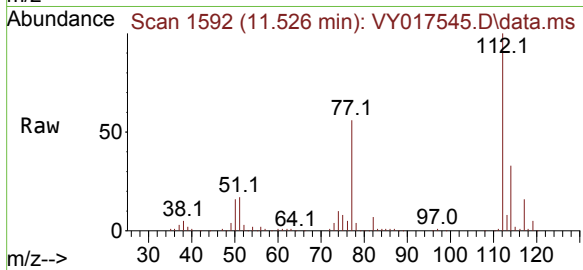




#65
Chlorobenzene
Concen: 21.379 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

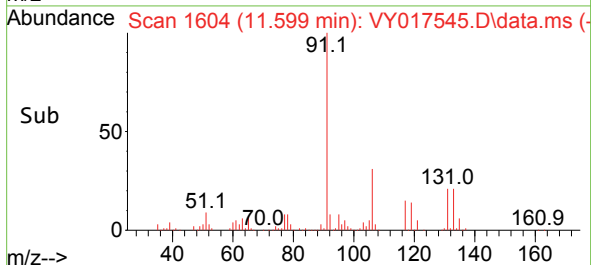
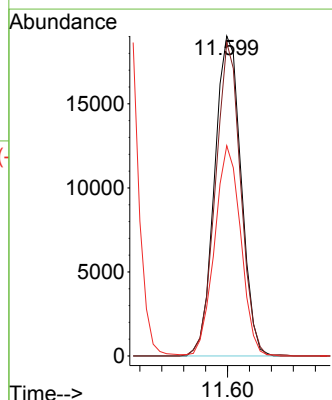
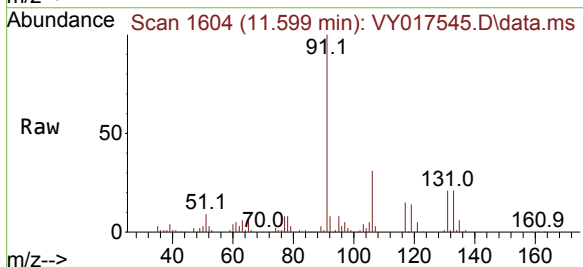
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

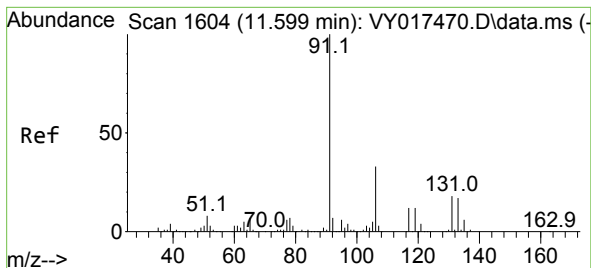
Tgt Ion:112 Resp: 85332
Ion Ratio Lower Upper
112 100
114 32.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.389 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion:131 Resp: 31982
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.3
119 64.9 34.1 102.2





#67

Ethyl Benzene

Concen: 21.325 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

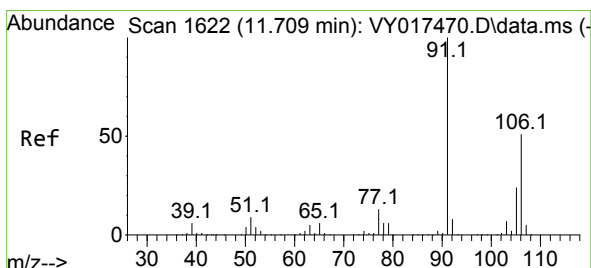
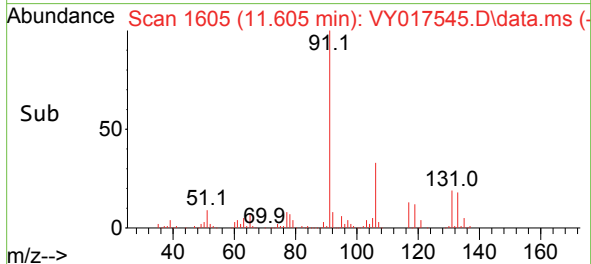
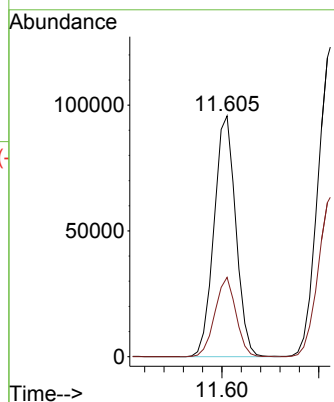
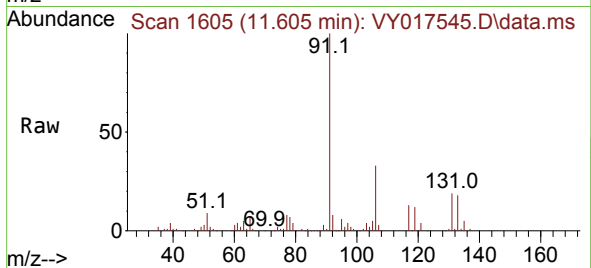
VY0301SBS02

Tgt Ion: 91 Resp: 149267

Ion Ratio Lower Upper

91 100

106 33.0 24.5 36.7



#68

m/p-Xylenes

Concen: 43.391 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017545.D

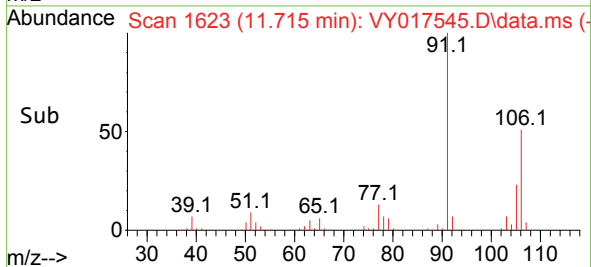
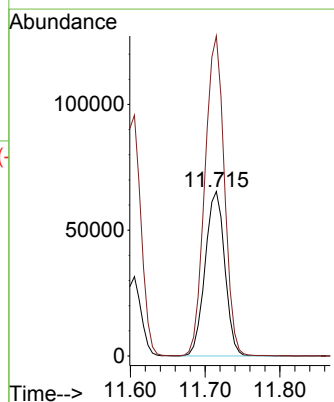
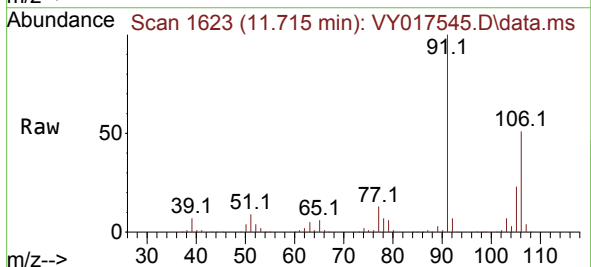
Acq: 01 Mar 2024 11:51

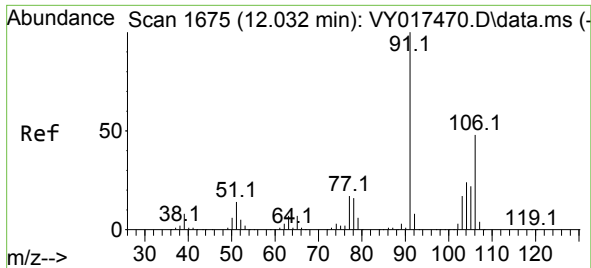
Tgt Ion:106 Resp: 119346

Ion Ratio Lower Upper

106 100

91 192.4 156.0 234.0

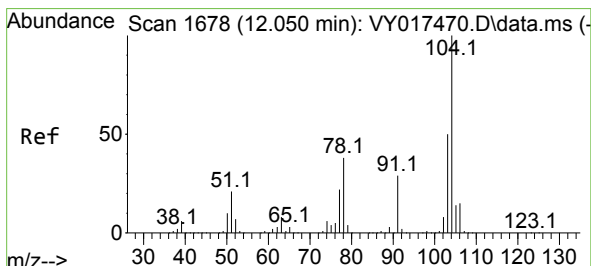
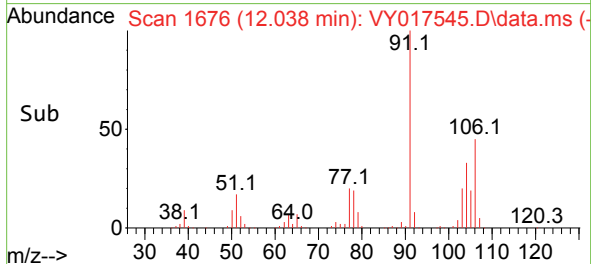
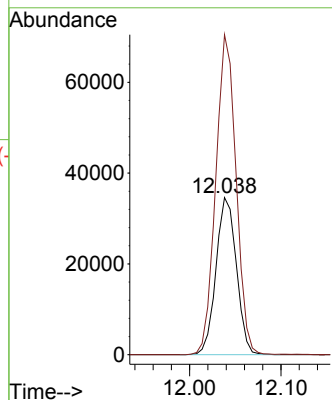
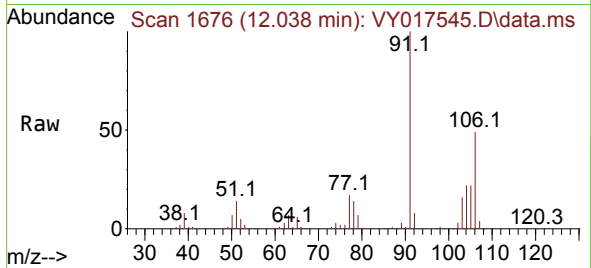




#69
o-Xylene
Concen: 21.041 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

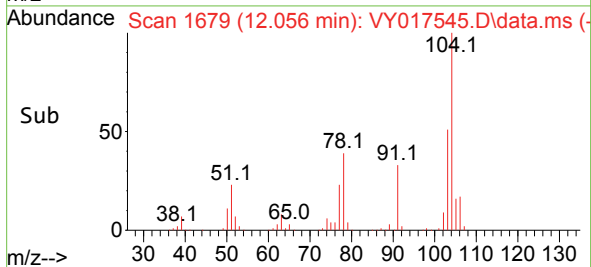
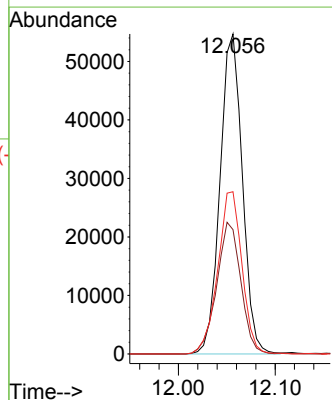
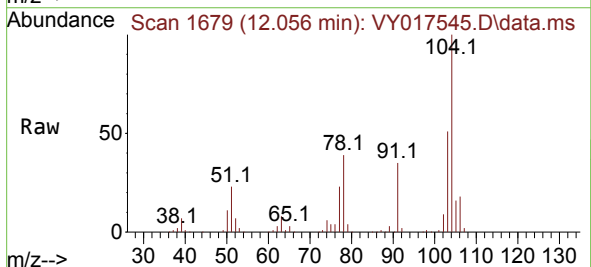
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

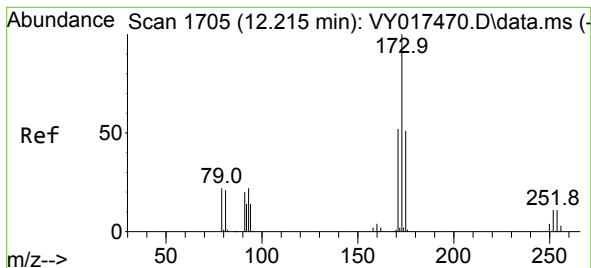
Tgt Ion:106 Resp: 53692
Ion Ratio Lower Upper
106 100
91 203.2 103.6 310.8



#70
Styrene
Concen: 20.690 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion:104 Resp: 87636
Ion Ratio Lower Upper
104 100
78 44.6 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 19.340 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

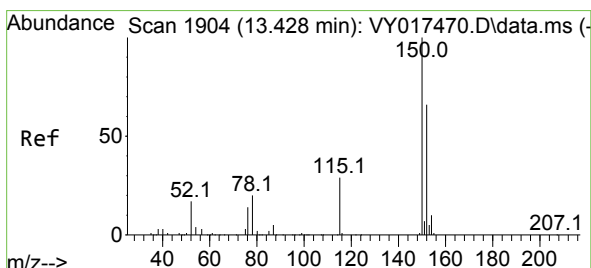
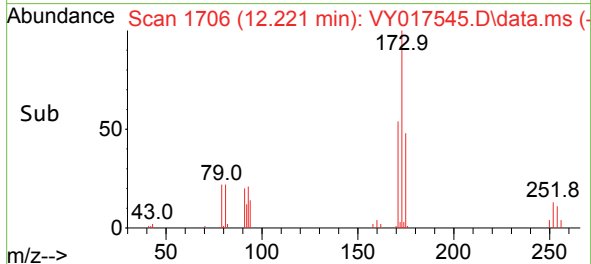
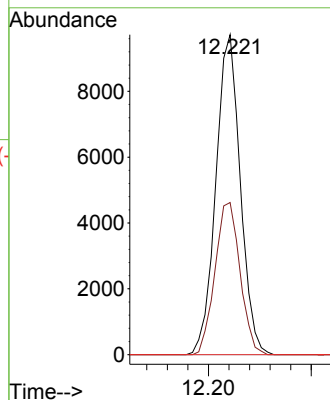
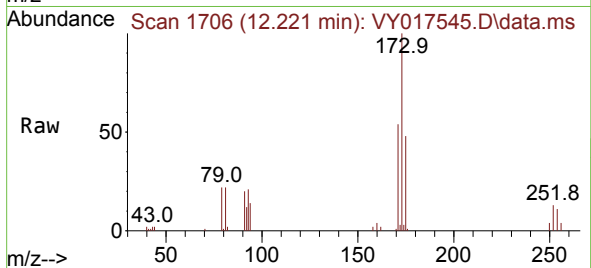
Tgt Ion:173 Resp: 16025

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

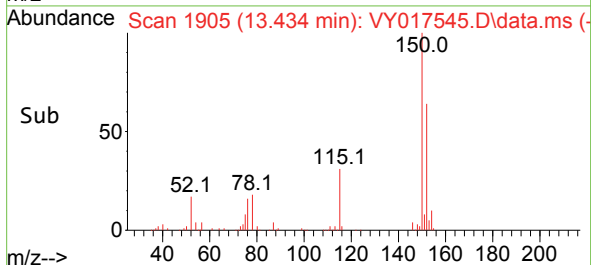
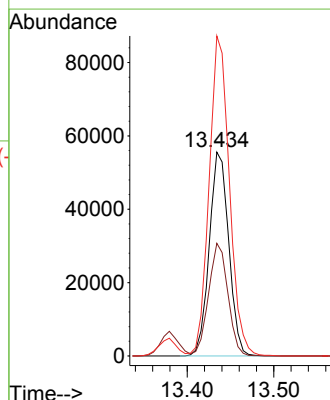
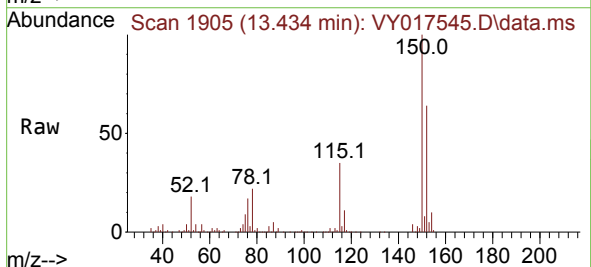
Tgt Ion:152 Resp: 86694

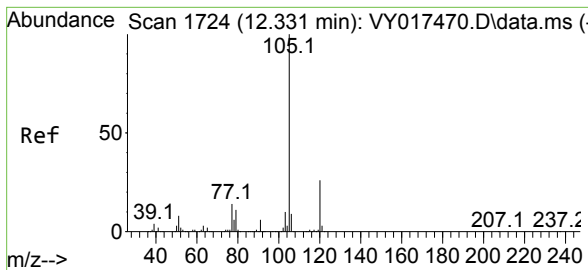
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 163.7 0.0 345.6





#73

Isopropylbenzene

Concen: 22.245 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

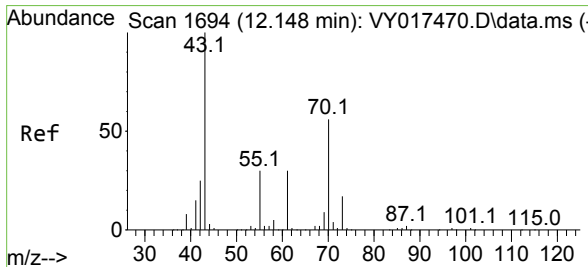
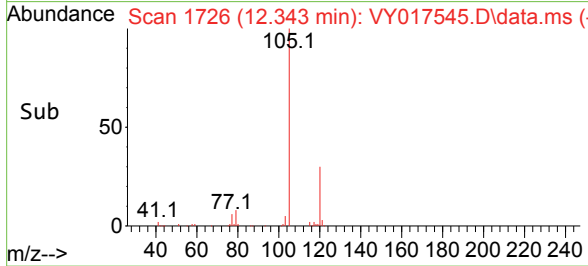
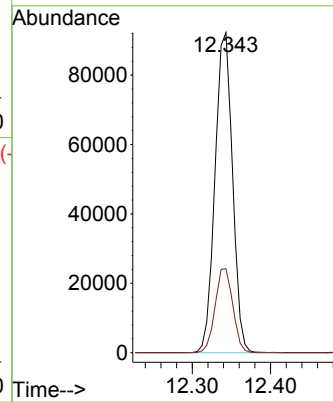
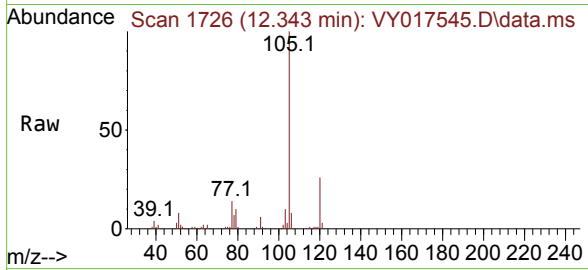
VY0301SBS02

Tgt Ion:105 Resp: 143275

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 18.111 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Tgt Ion: 43 Resp: 20574

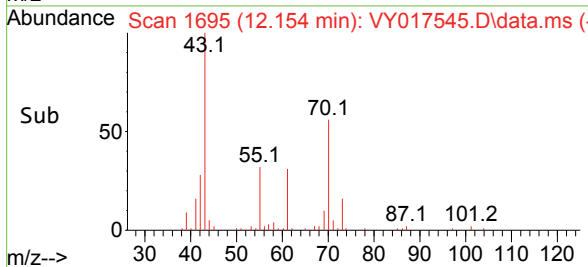
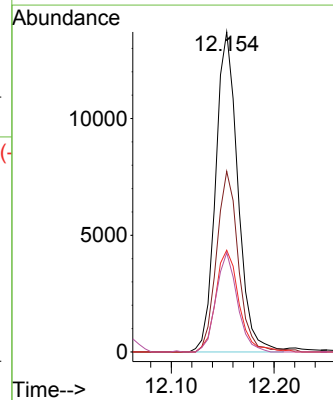
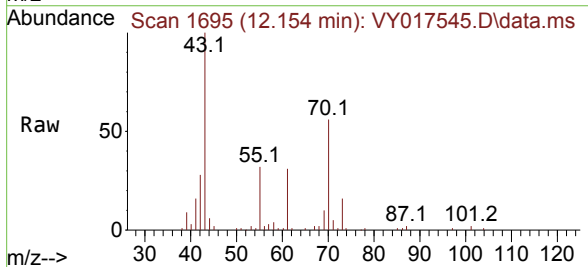
Ion Ratio Lower Upper

43 100

70 55.5 41.4 62.2

55 33.4 23.3 34.9

61 29.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.479 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

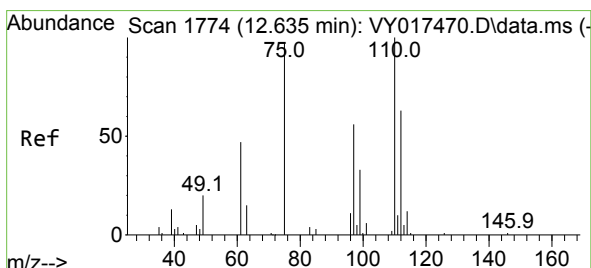
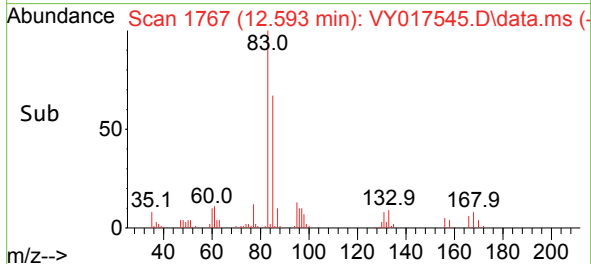
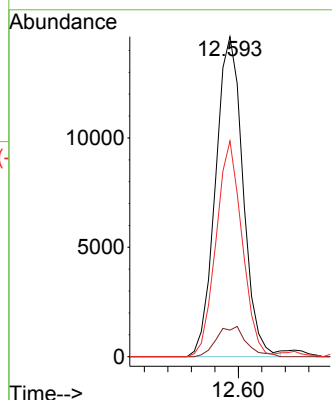
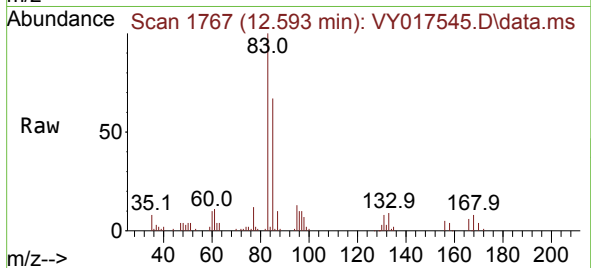
Tgt Ion: 83 Resp: 23756

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.251 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017545.D

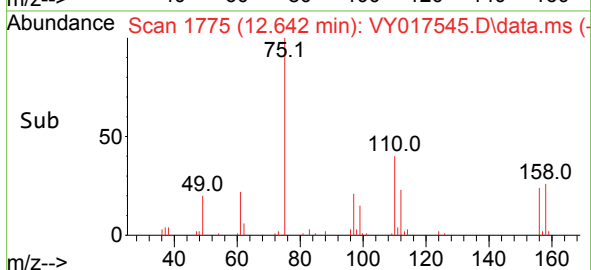
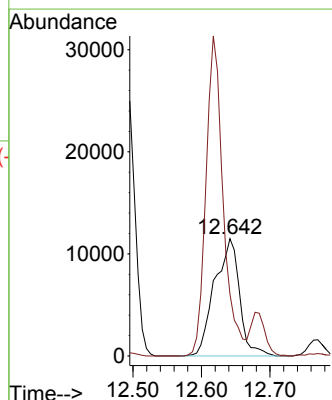
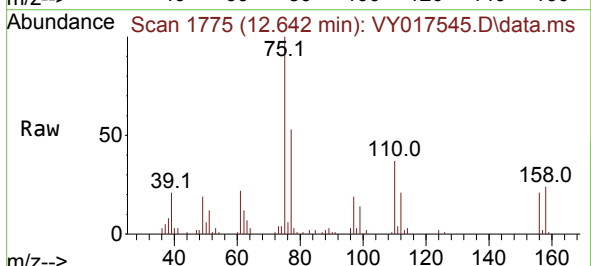
Acq: 01 Mar 2024 11:51

Tgt Ion: 75 Resp: 29037

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.971 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

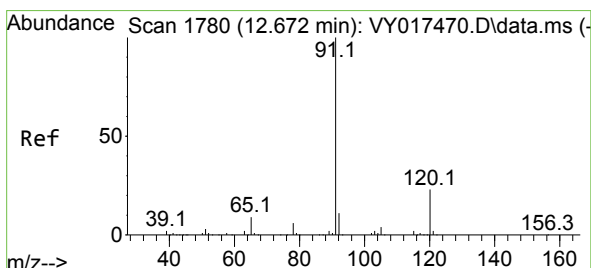
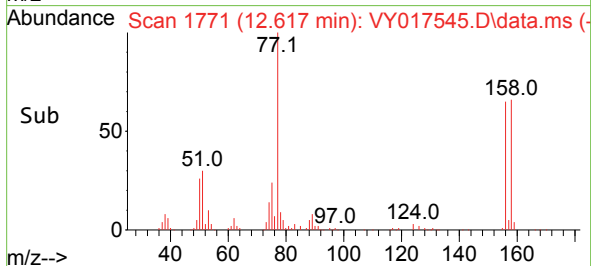
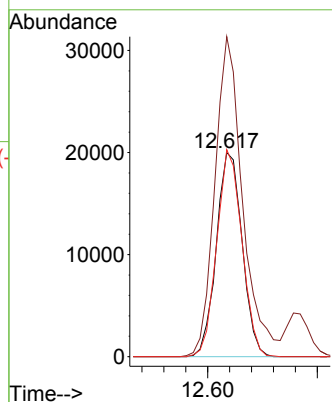
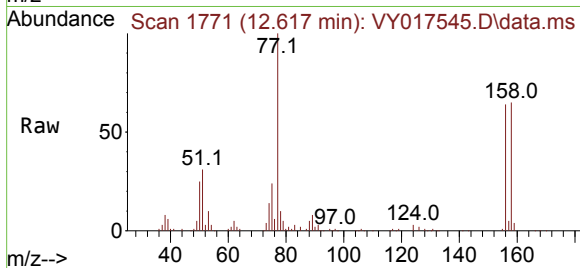
Tgt Ion:156 Resp: 32710

Ion Ratio Lower Upper

156 100

77 169.1 87.1 261.3

158 98.9 48.6 145.9



#78

n-propylbenzene

Concen: 22.789 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017545.D

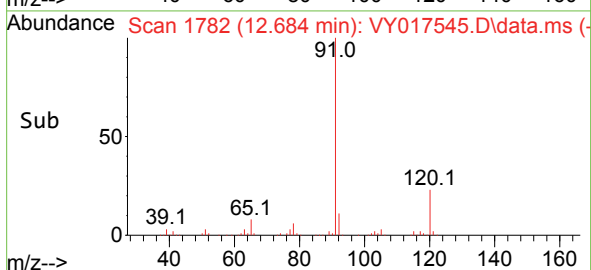
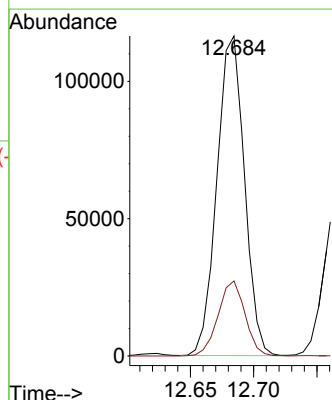
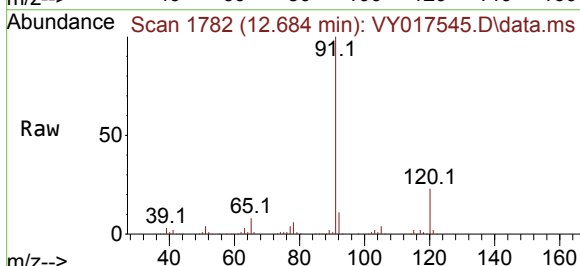
Acq: 01 Mar 2024 11:51

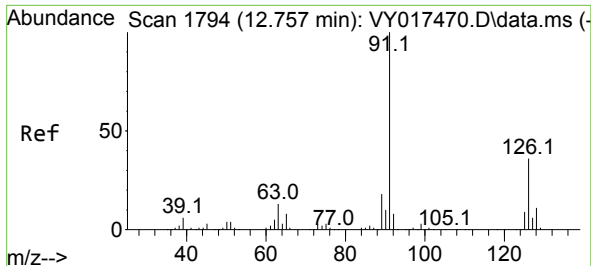
Tgt Ion: 91 Resp: 176124

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

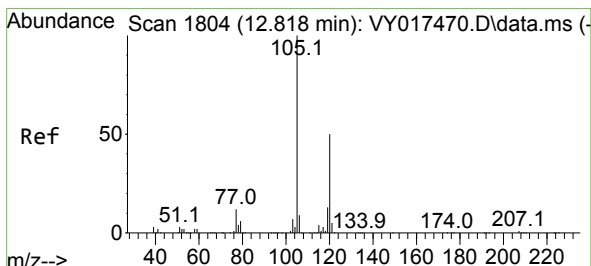
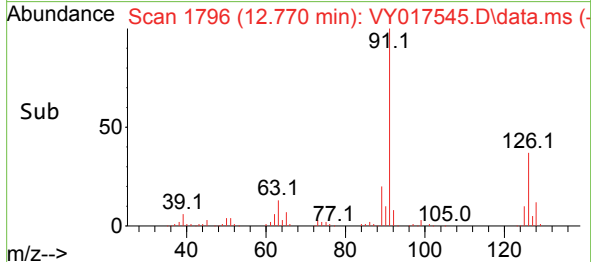
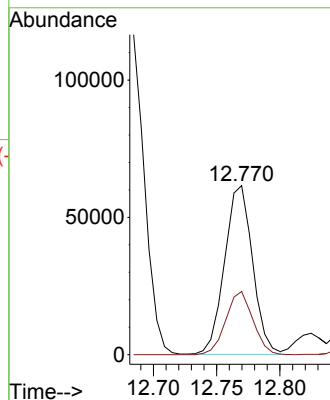
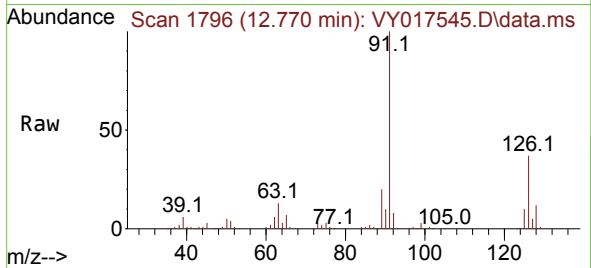




#79
2-Chlorotoluene
Concen: 21.897 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

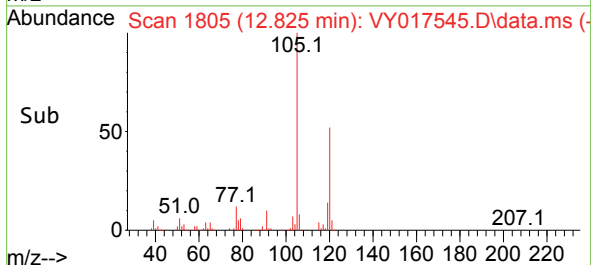
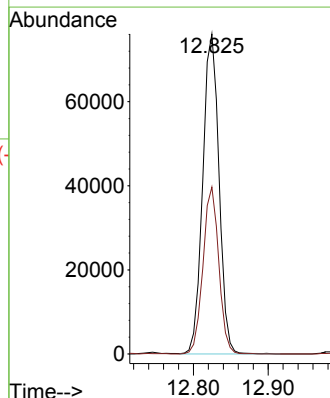
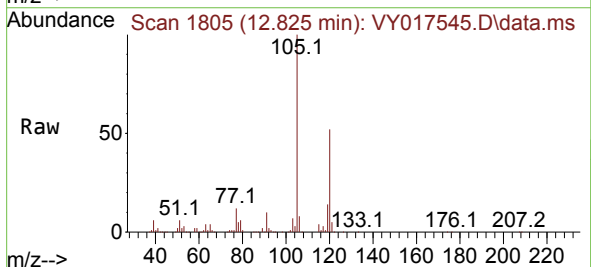
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

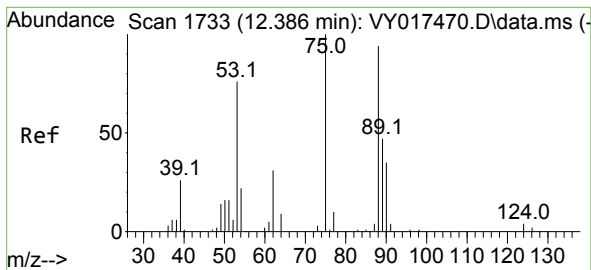
Tgt Ion: 91 Resp: 94747
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.303 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 105 Resp: 115087
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

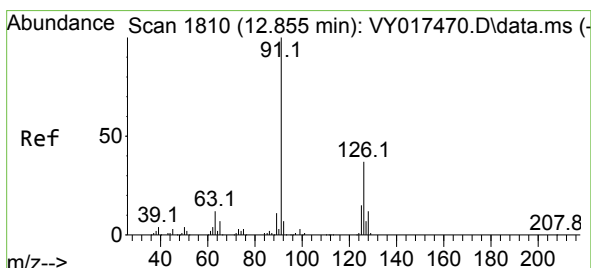
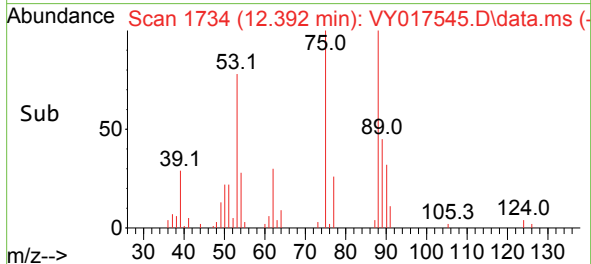
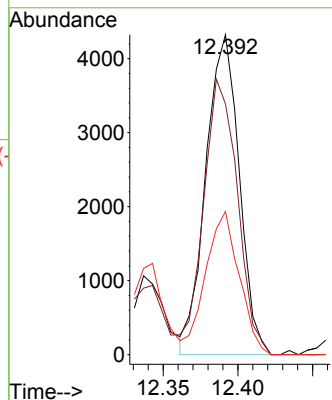
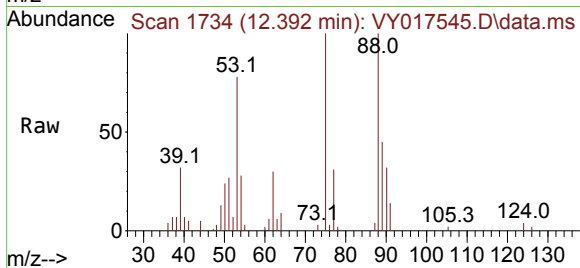




#81
trans-1,4-Dichloro-2-butene
Concen: 18.709 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

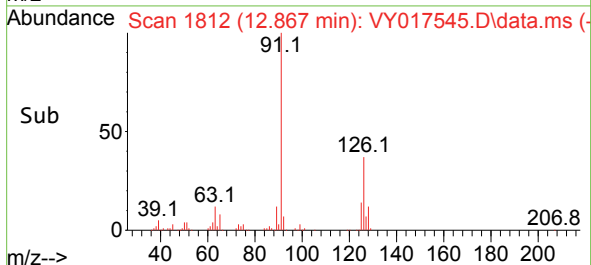
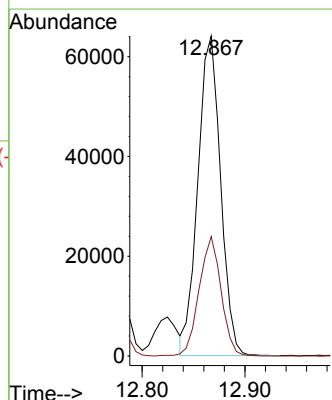
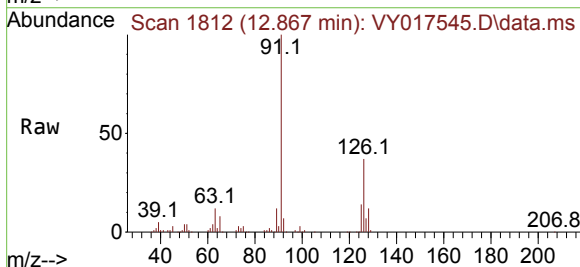
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS02

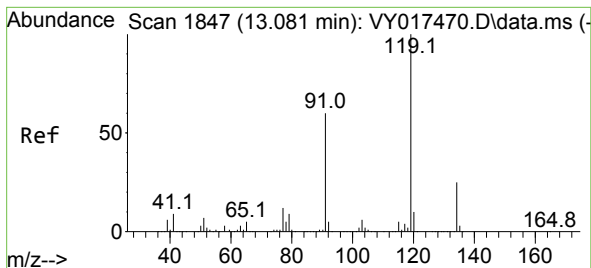
Tgt Ion: 75 Resp: 6707
Ion Ratio Lower Upper
75 100
53 88.5 66.8 100.2
89 45.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.266 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017545.D
Acq: 01 Mar 2024 11:51

Tgt Ion: 91 Resp: 98540
Ion Ratio Lower Upper
91 100
126 36.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.147 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

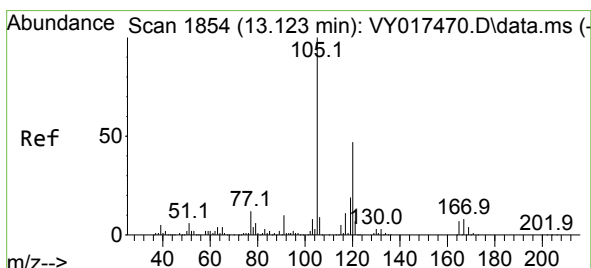
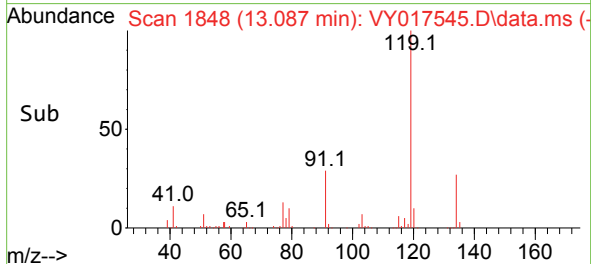
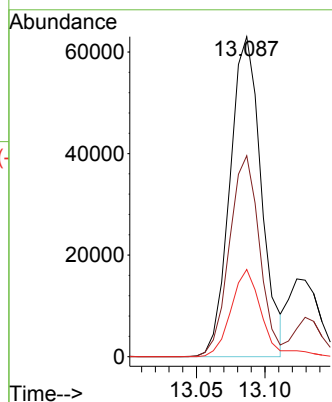
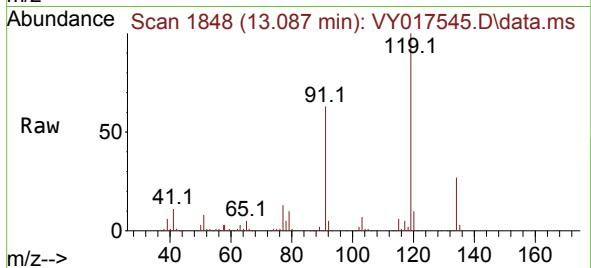
Tgt Ion:119 Resp: 100354

Ion Ratio Lower Upper

119 100

91 60.4 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.773 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017545.D

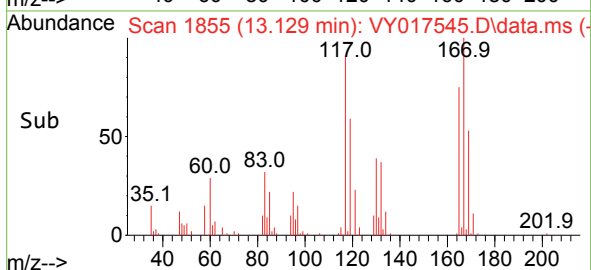
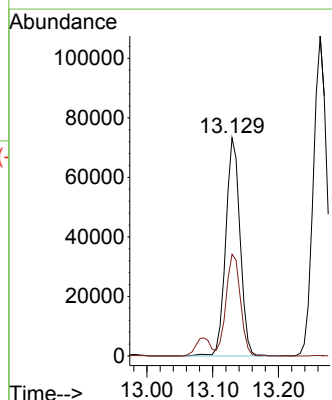
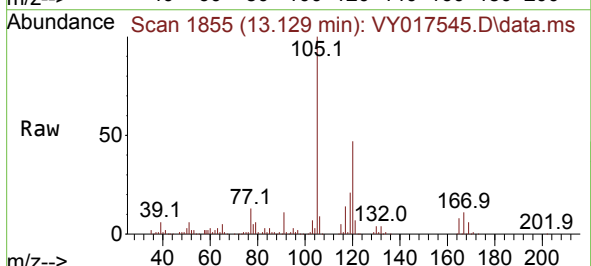
Acq: 01 Mar 2024 11:51

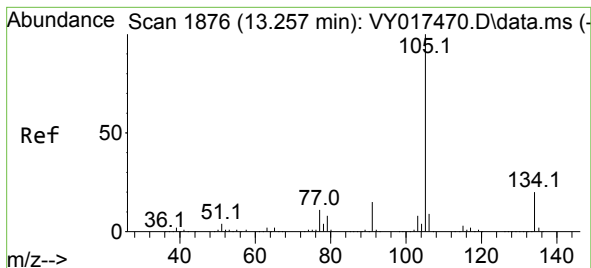
Tgt Ion:105 Resp: 110920

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.488 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

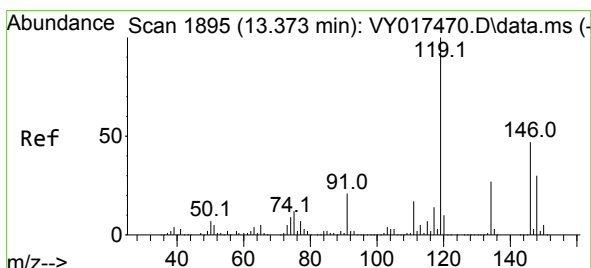
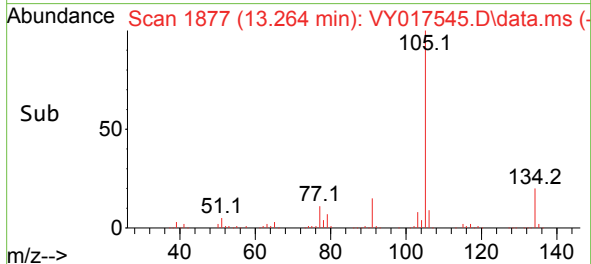
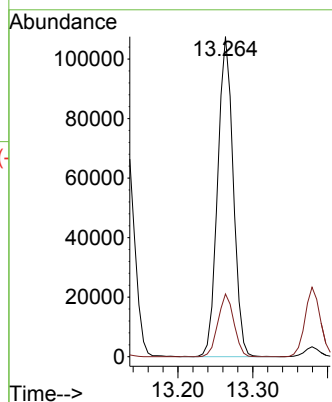
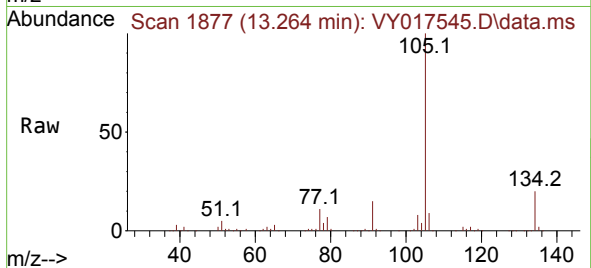
VY0301SBS02

Tgt Ion:105 Resp: 155792

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.024 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

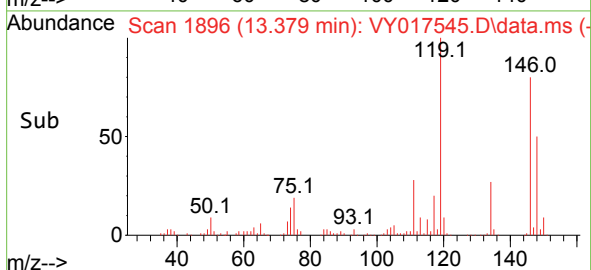
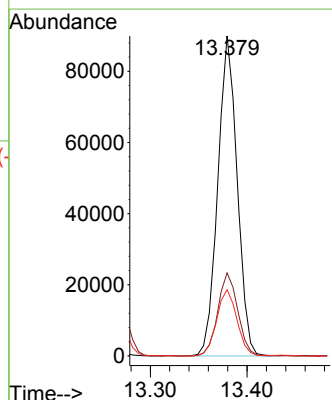
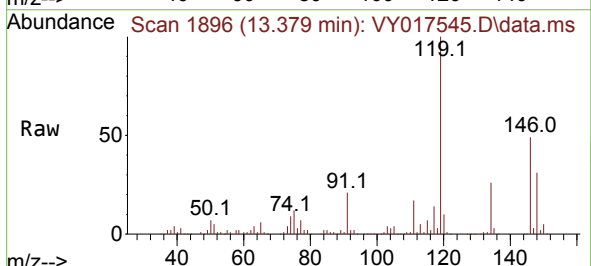
Tgt Ion:119 Resp: 124899

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.035 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

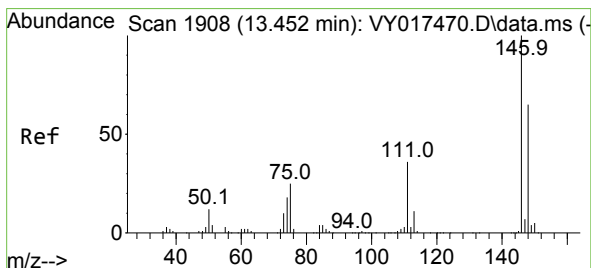
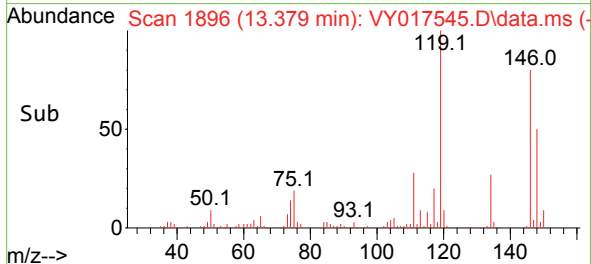
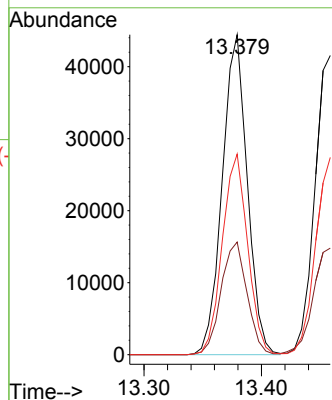
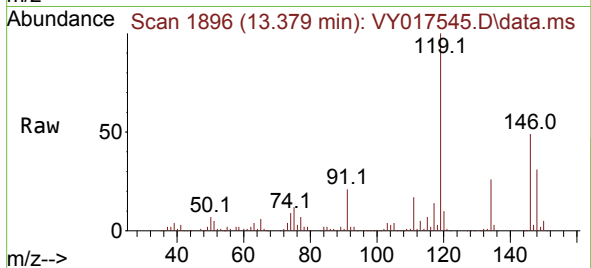
Tgt Ion:146 Resp: 65855

Ion Ratio Lower Upper

146 100

111 36.6 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.448 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

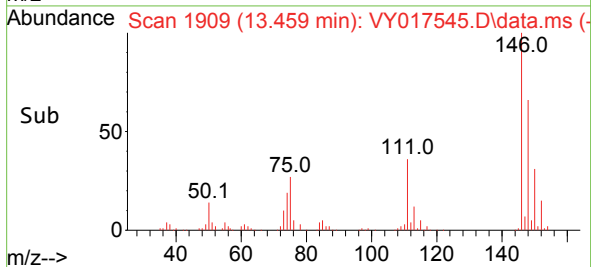
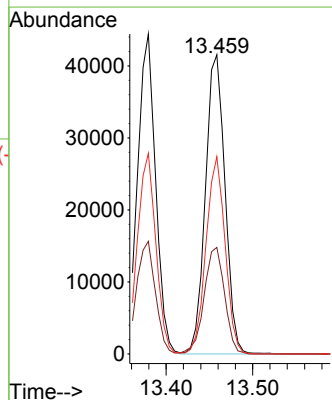
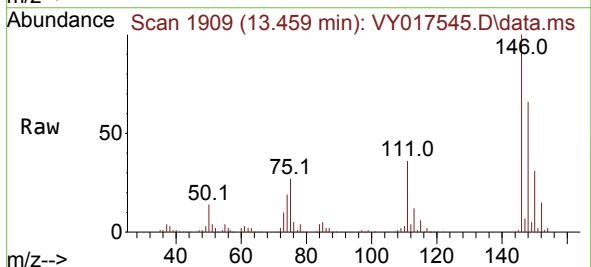
Tgt Ion:146 Resp: 65283

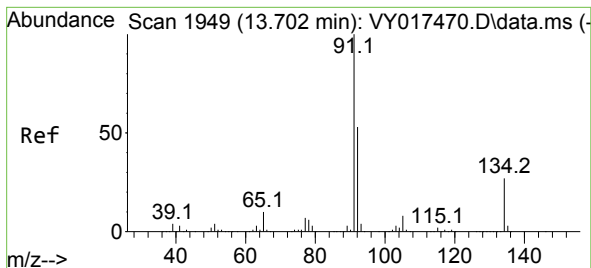
Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 22.193 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

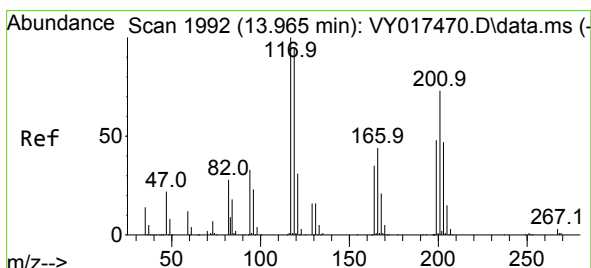
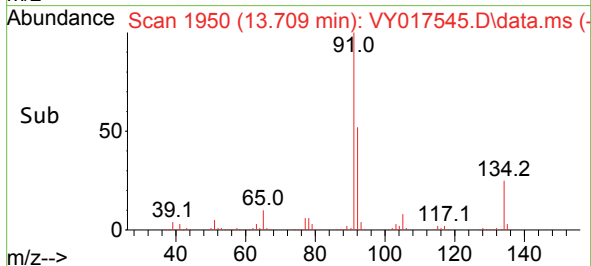
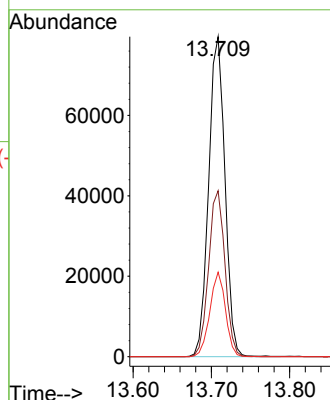
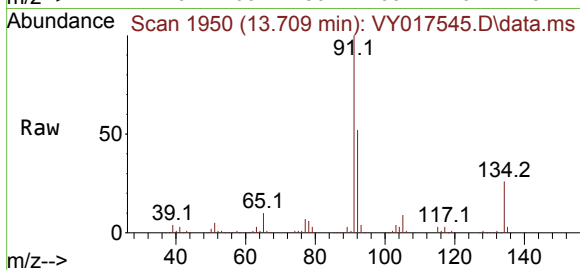
Tgt Ion: 91 Resp: 114827

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.7

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 22.335 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017545.D

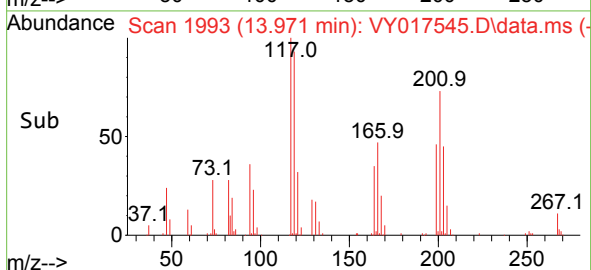
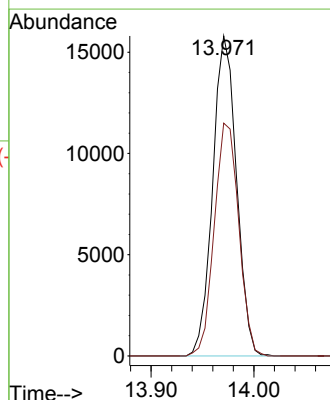
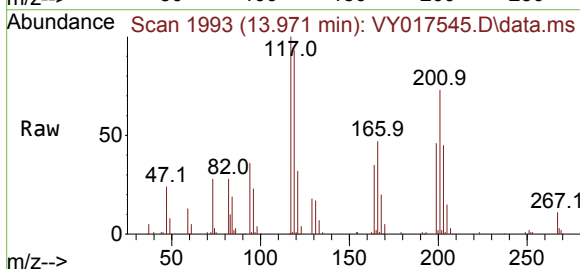
Acq: 01 Mar 2024 11:51

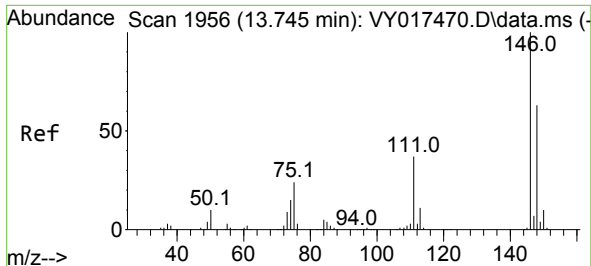
Tgt Ion: 117 Resp: 25394

Ion Ratio Lower Upper

117 100

201 74.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.258 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

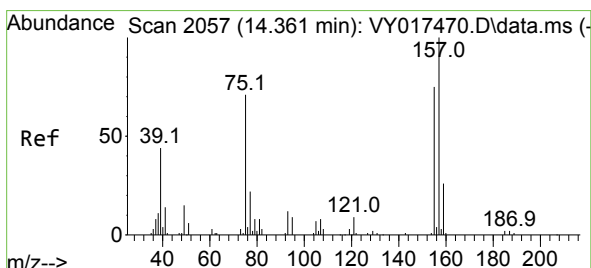
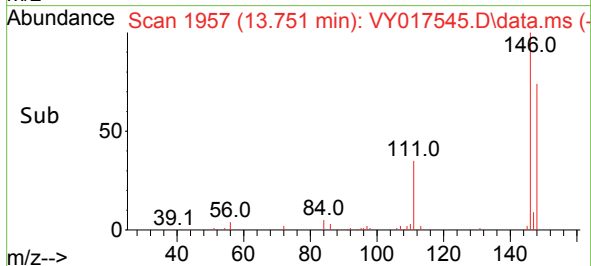
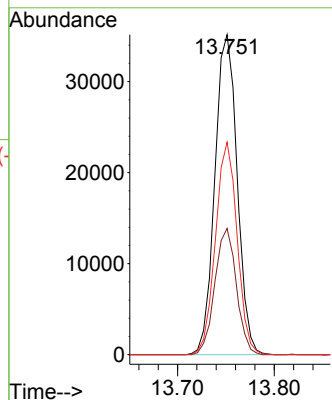
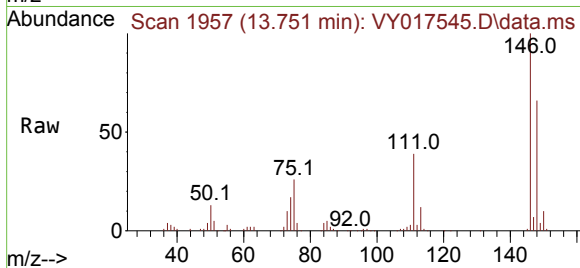
Tgt Ion:146 Resp: 56296

Ion Ratio Lower Upper

146 100

111 38.1 19.9 59.7

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.095 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

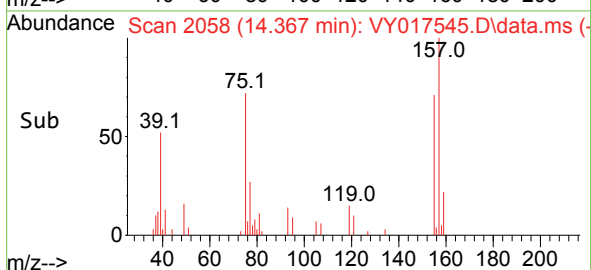
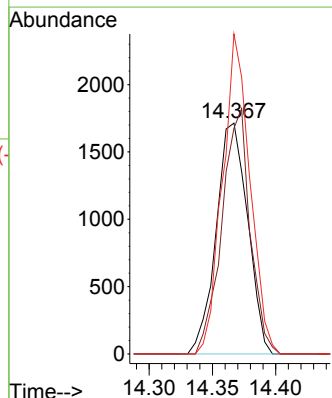
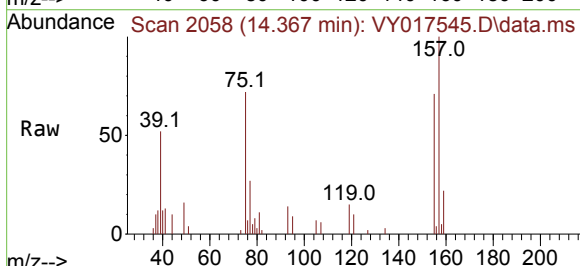
Tgt Ion: 75 Resp: 2969

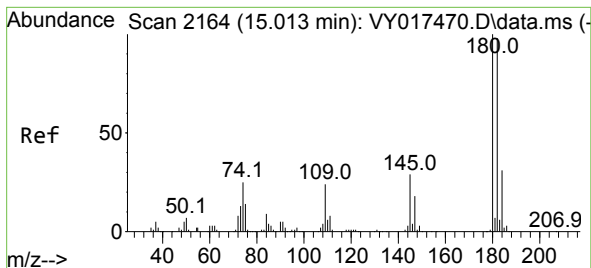
Ion Ratio Lower Upper

75 100

155 94.8 48.6 145.8

157 120.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.792 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

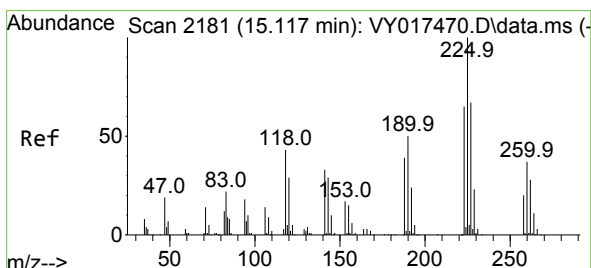
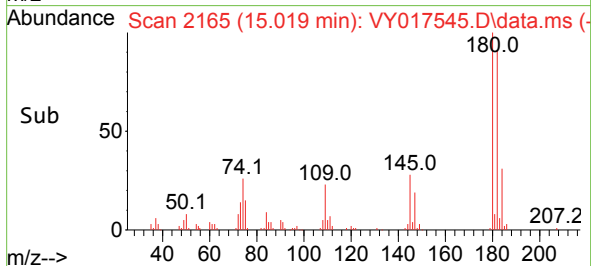
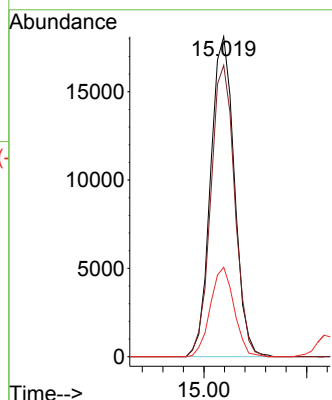
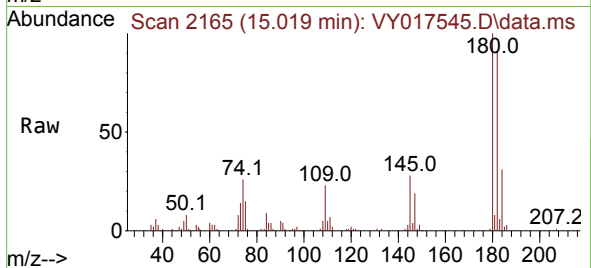
Tgt Ion:180 Resp: 29084

Ion Ratio Lower Upper

180 100

182 91.8 47.9 143.8

145 27.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.551 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

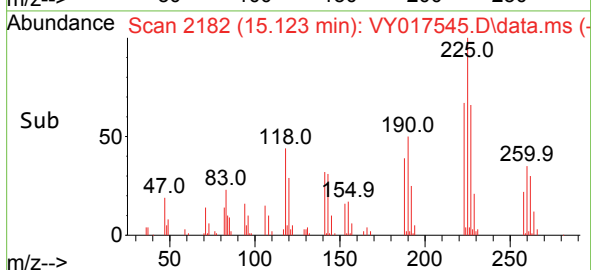
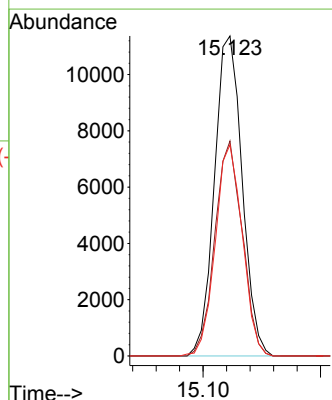
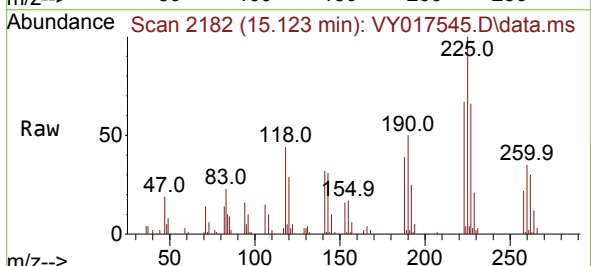
Tgt Ion:225 Resp: 18612

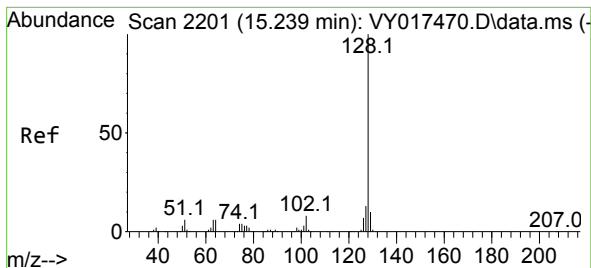
Ion Ratio Lower Upper

225 100

223 66.3 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 18.574 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS02

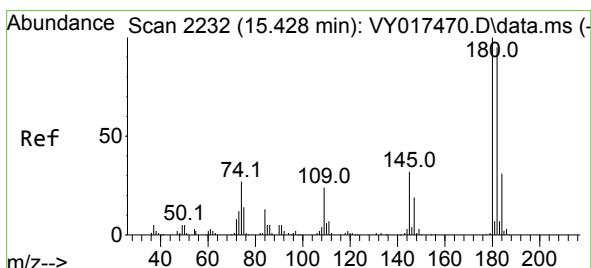
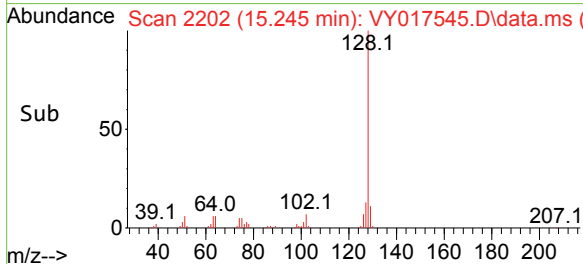
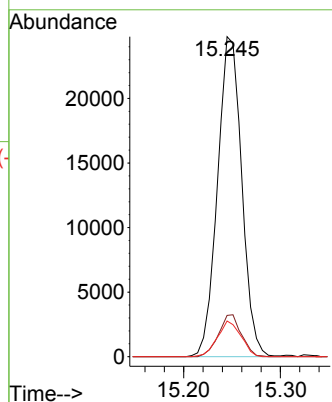
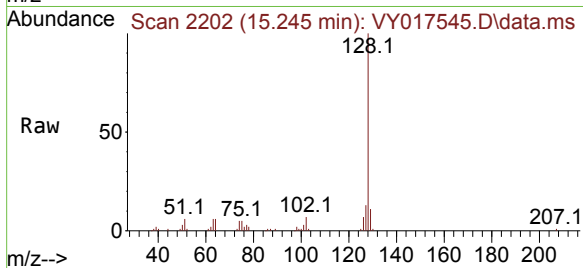
Tgt Ion:128 Resp: 43109

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.454 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017545.D

Acq: 01 Mar 2024 11:51

Tgt Ion:180 Resp: 23345

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.9

145 30.6 15.4 46.1

