

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017165.D
 Acq On : 01 Feb 2024 13:38
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 02 00:36:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:27:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	117007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	208954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	178280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	5710	5.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.920%#
35) Dibromofluoromethane	7.722	113	5715	5.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.140%#
50) Toluene-d8	10.191	98	19967	4.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.720%#
62) 4-Bromofluorobenzene	12.489	95	6681	4.965	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5017	5.656	ug/l	100
3) Chloromethane	2.119	50	8969	5.629	ug/l	97
4) Vinyl Chloride	2.253	62	10967	5.648	ug/l	99
5) Bromomethane	2.662	94	7867	5.845	ug/l	89
6) Chloroethane	2.802	64	6882	5.489	ug/l	95
7) Trichlorofluoromethane	3.131	101	10719	5.368	ug/l	87
8) Diethyl Ether	3.534	74	3099	4.934	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.900	101	3250	2.685	ug/l #	22
10) Methyl Iodide	4.101	142	5917	4.650	ug/l #	89
11) Tert butyl alcohol	4.954	59	3801	28.598	ug/l #	75
12) 1,1-Dichloroethene	3.881	96	5877	5.182	ug/l	97
13) Acrolein	3.735	56	3006	24.125	ug/l	99
14) Allyl chloride	4.491	41	8557	4.991	ug/l	98
15) Acrylonitrile	5.168	53	7364	26.041	ug/l	96
16) Acetone	3.954	43	9181	29.884	ug/l	96
17) Carbon Disulfide	4.204	76	18894	5.219	ug/l	99
18) Methyl Acetate	4.491	43	3182	4.643	ug/l #	81
19) Methyl tert-butyl Ether	5.229	73	13080	4.789	ug/l	99
20) Methylene Chloride	4.729	84	9802	4.610	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	6383	4.947	ug/l	89
22) Diisopropyl ether	6.125	45	17723	4.707	ug/l	97
23) Vinyl Acetate	6.076	43	53198	23.317	ug/l	98
24) 1,1-Dichloroethane	6.027	63	12123	5.256	ug/l	98
25) 2-Butanone	7.003	43	10965	26.848	ug/l	96
26) 2,2-Dichloropropane	6.990	77	10012	5.218	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	7289	5.051	ug/l	98
28) Bromochloromethane	7.350	49	4482	5.075	ug/l #	98
29) Tetrahydrofuran	7.362	42	5683	24.633	ug/l	94
30) Chloroform	7.515	83	11972	5.159	ug/l	99
31) Cyclohexane	7.801	56	12101	5.744	ug/l #	87
32) 1,1,1-Trichloroethane	7.716	97	10010	5.015	ug/l	96
36) 1,1-Dichloropropene	7.929	75	9361	4.810	ug/l	97
37) Ethyl Acetate	7.094	43	4847	5.370	ug/l	94
38) Carbon Tetrachloride	7.911	117	8854	4.752	ug/l	94
39) Methylcyclohexane	9.197	83	10339	4.548	ug/l	95
40) Benzene	8.173	78	26920	4.844	ug/l	97

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	2038	4.765	ug/l	96
42) 1,2-Dichloroethane	8.252	62	7387	5.020	ug/l	98
43) Isopropyl Acetate	8.283	43	7418	4.643	ug/l	98
44) Trichloroethene	8.954	130	6661	4.722	ug/l	99
45) 1,2-Dichloropropane	9.228	63	6625	4.853	ug/l	93
46) Dibromomethane	9.313	93	3514	4.766	ug/l	96
47) Bromodichloromethane	9.508	83	8884	4.814	ug/l #	92
48) Methyl methacrylate	9.301	41	3389	4.522	ug/l	95
49) 1,4-Dioxane	9.319	88	717	89.334	ug/l #	64
51) 4-Methyl-2-Pentanone	10.081	43	19057	22.250	ug/l	98
52) Toluene	10.252	92	15080	4.495	ug/l	97
53) t-1,3-Dichloropropene	10.472	75	7730	4.459	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	9275	4.467	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	4821	4.805	ug/l	89
56) Ethyl methacrylate	10.520	69	4752	6.313	ug/l	95
57) 1,3-Dichloropropane	10.801	76	8368	4.849	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	12669	20.270	ug/l	99
59) 2-Hexanone	10.843	43	13991	22.590	ug/l	94
60) Dibromochloromethane	10.996	129	5613	4.769	ug/l	94
61) 1,2-Dibromoethane	11.093	107	4553	4.880	ug/l	95
64) Tetrachloroethene	10.728	164	5676	4.902	ug/l	96
65) Chlorobenzene	11.526	112	16683	4.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	5838	4.671	ug/l	94
67) Ethyl Benzene	11.599	91	27499	4.424	ug/l	99
68) m/p-Xylenes	11.709	106	20393	8.646	ug/l	99
69) o-Xylene	12.038	106	9110	4.194	ug/l	97
70) Styrene	12.057	104	13879	3.878	ug/l	93
71) Bromoform	12.215	173	2968	4.534	ug/l #	98
73) Isopropylbenzene	12.337	105	23492	4.253	ug/l	97
74) N-amyl acetate	12.148	43	5218	4.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	5457	5.023	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	6480	8.751	ug/l #	100
77) Bromobenzene	12.617	156	6018	4.912	ug/l	98
78) n-propylbenzene	12.678	91	29947	4.415	ug/l	99
79) 2-Chlorotoluene	12.764	91	16734	4.487	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	18636	4.242	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	1564	4.683	ug/l	95
82) 4-Chlorotoluene	12.861	91	18170	4.734	ug/l	100
83) tert-Butylbenzene	13.081	119	16181	4.297	ug/l	95
84) 1,2,4-Trimethylbenzene	13.130	105	18297	4.220	ug/l	98
85) sec-Butylbenzene	13.264	105	25377	4.312	ug/l	97
86) p-Isopropyltoluene	13.380	119	19654	4.179	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	11592	4.743	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	11934	5.026	ug/l	95
89) n-Butylbenzene	13.703	91	19382	4.335	ug/l	98
90) Hexachloroethane	13.965	117	4721	4.890	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	10018	4.815	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	705	4.982	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	4591	4.442	ug/l	98
94) Hexachlorobutadiene	15.117	225	3023	4.967	ug/l	96
95) Naphthalene	15.239	128	7408	6.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	3669	4.174	ug/l	95

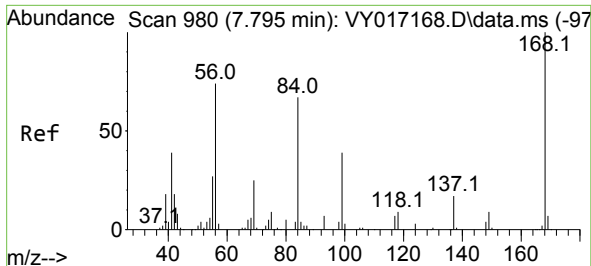
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
Data File : VY017165.D
Acq On : 01 Feb 2024 13:38
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:27:48 2024
Response via : Initial Calibration

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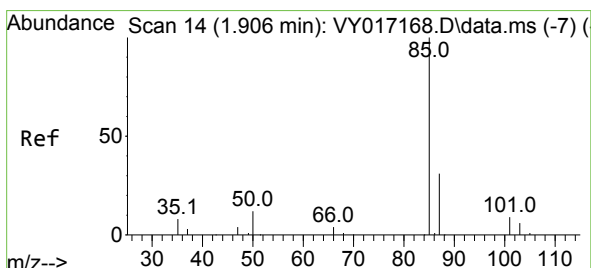
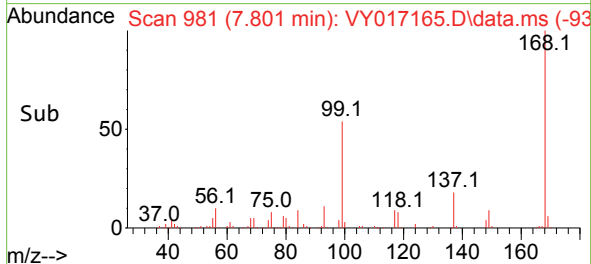
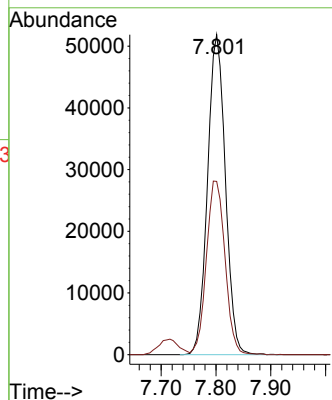
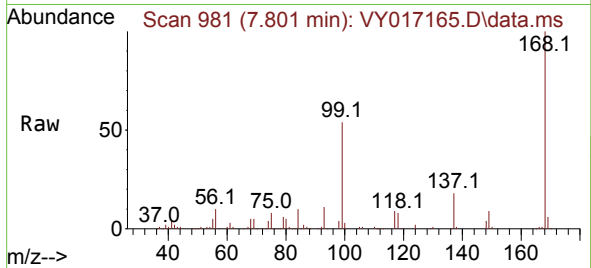
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017165.D
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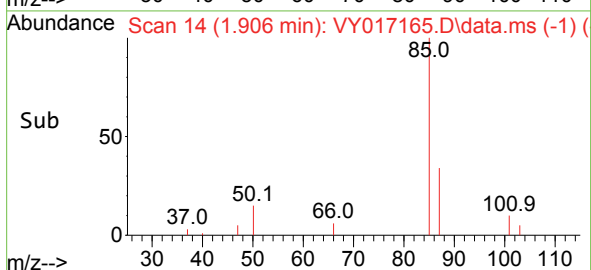
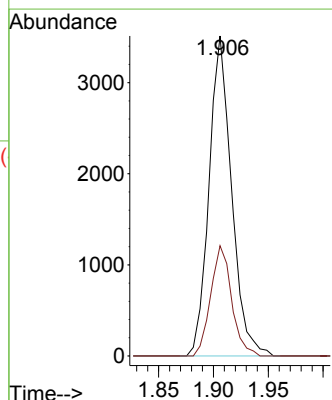
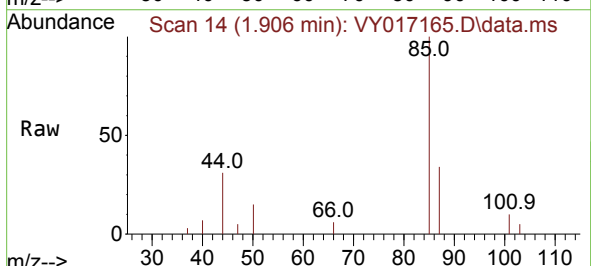
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

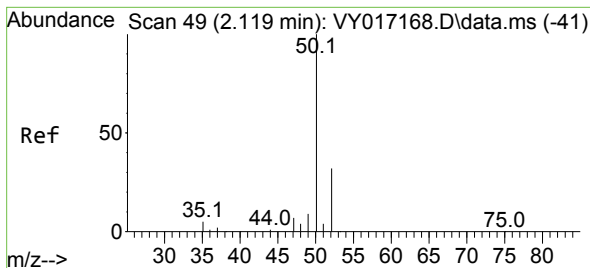
Tgt Ion:168 Resp: 117007
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 5.656 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 85 Resp: 5017
Ion Ratio Lower Upper
85 100
87 34.5 17.1 51.3





#3

Chloromethane

Concen: 5.629 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

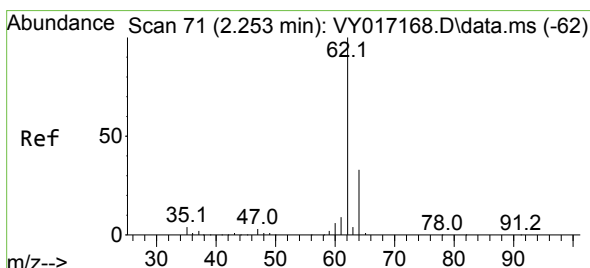
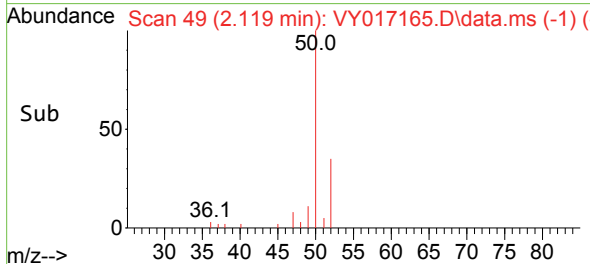
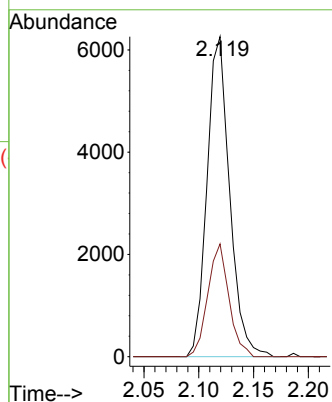
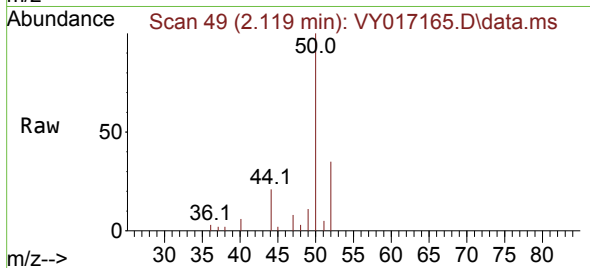
VSTDICC005

Tgt Ion: 50 Resp: 8969

Ion Ratio Lower Upper

50 100

52 35.2 26.7 40.1



#4

Vinyl Chloride

Concen: 5.648 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.001 min

Lab File: VY017165.D

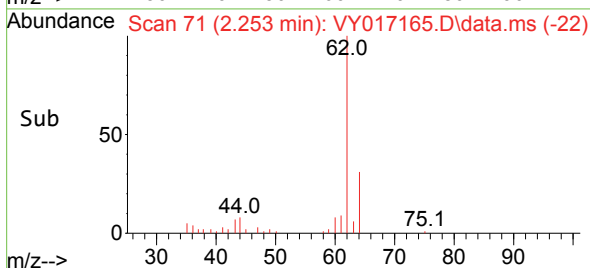
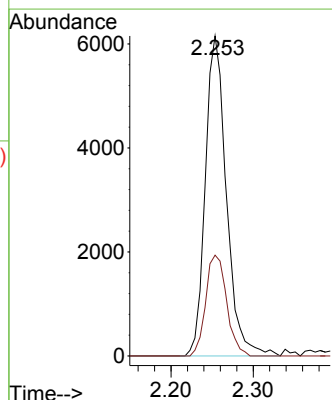
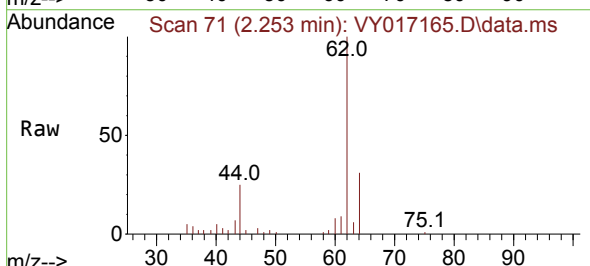
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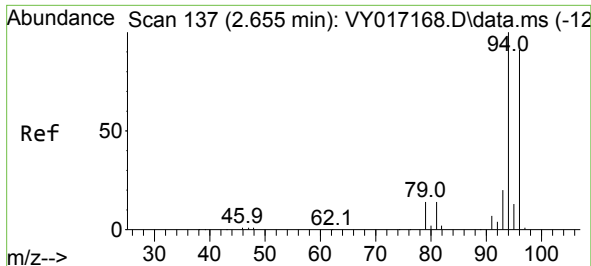
Tgt Ion: 62 Resp: 10967

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5

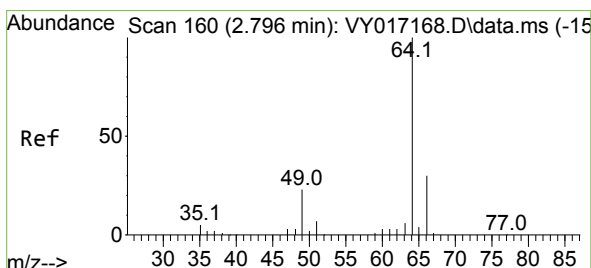
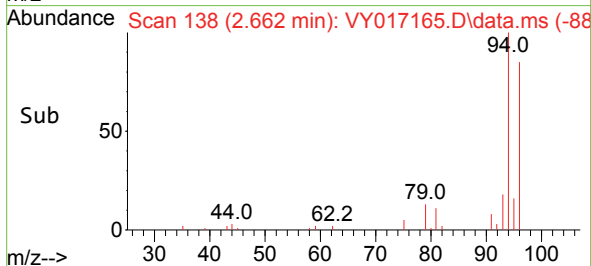
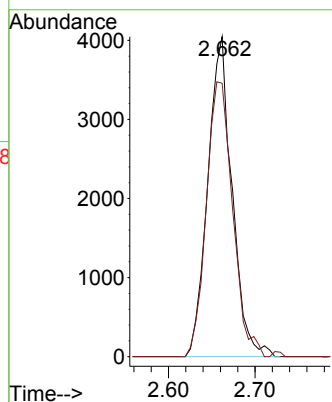
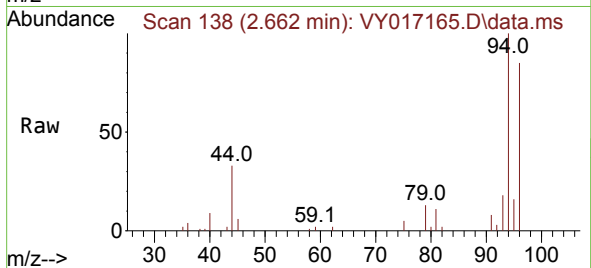




#5
Bromomethane
Concen: 5.845 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

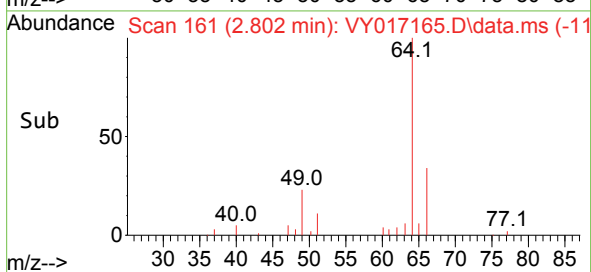
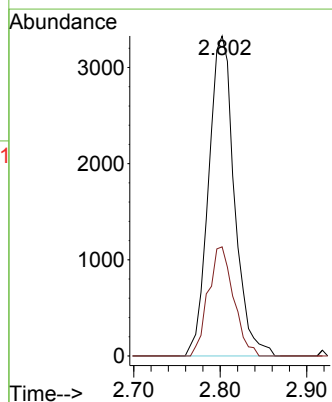
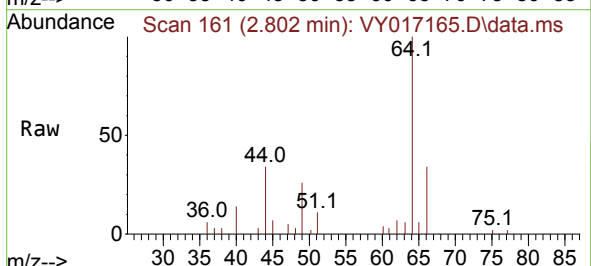
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

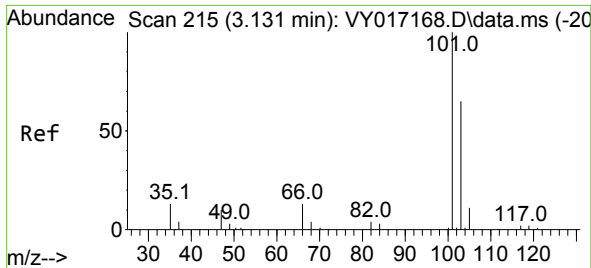
Tgt Ion: 94 Resp: 7867
Ion Ratio Lower Upper
94 100
96 85.4 77.3 115.9



#6
Chloroethane
Concen: 5.489 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 64 Resp: 6882
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7

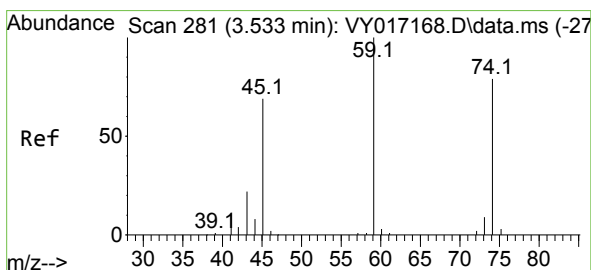
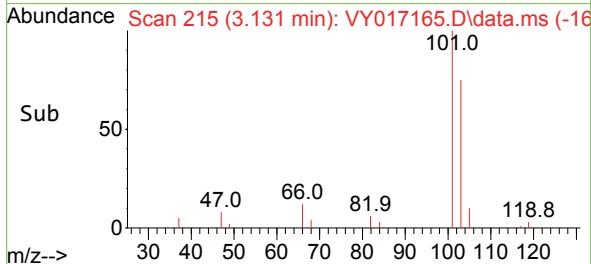
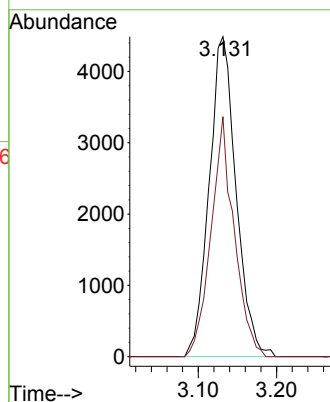
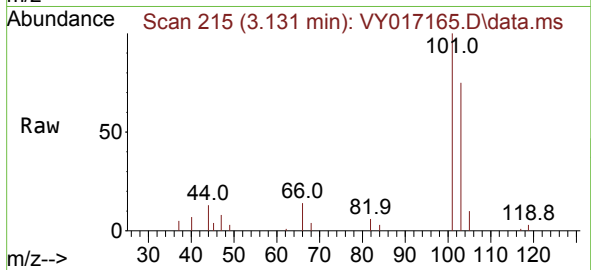




#7
Trichlorofluoromethane
Concen: 5.368 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

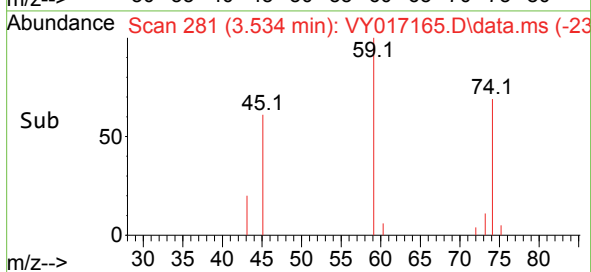
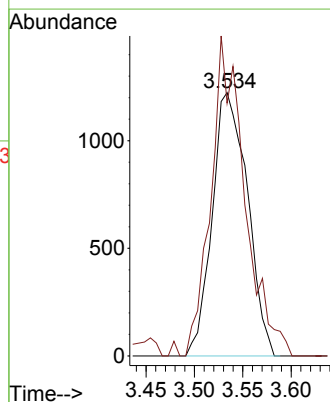
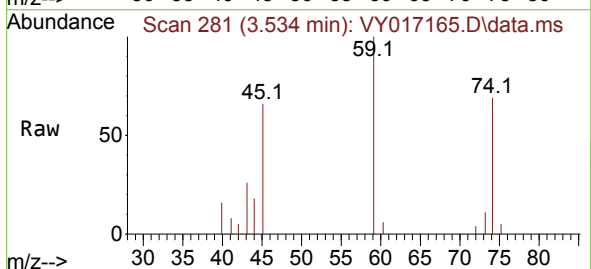
Instrument :
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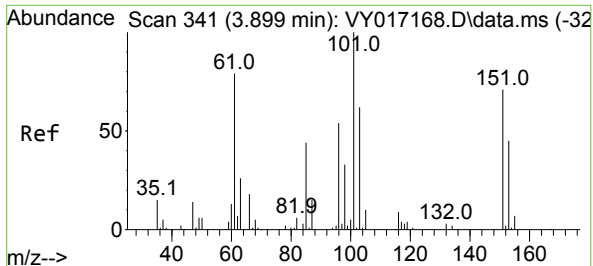
Tgt Ion:101 Resp: 10719
Ion Ratio Lower Upper
101 100
103 75.0 51.9 77.9



#8
Diethyl Ether
Concen: 4.934 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 74 Resp: 3099
Ion Ratio Lower Upper
74 100
45 116.0 47.9 143.7

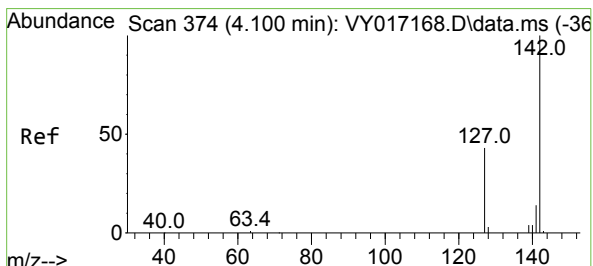
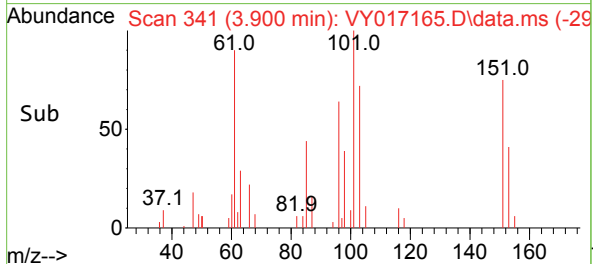
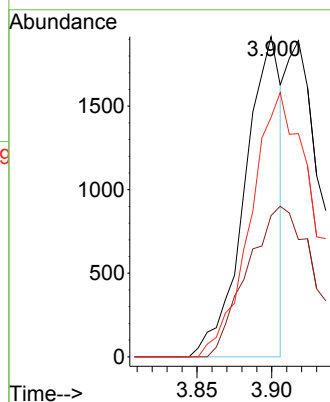
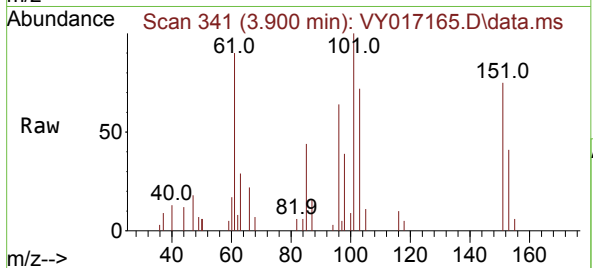




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.685 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
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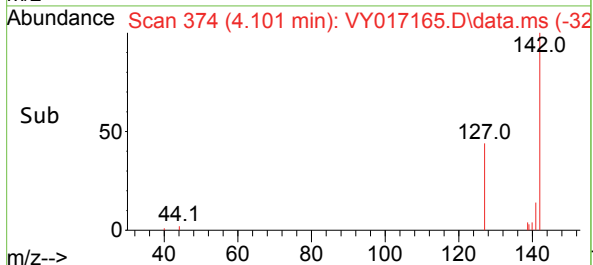
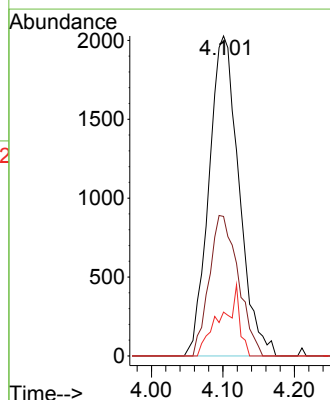
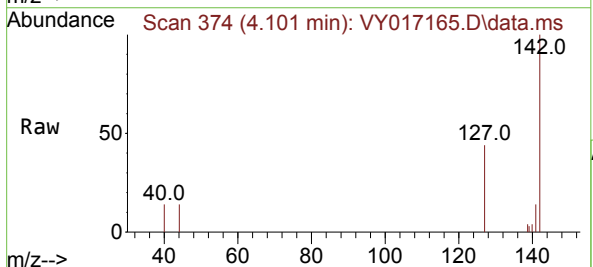
Instrument :
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ClientSampleId :
VSTDIC005

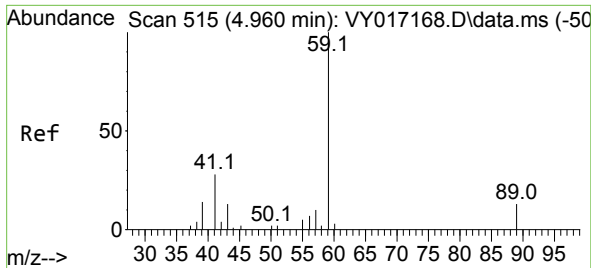
Tgt Ion:101 Resp: 3250
Ion Ratio Lower Upper
101 100
85 85.0 35.8 53.6#
151 147.4 58.6 88.0#



#10
Methyl Iodide
Concen: 4.650 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion:142 Resp: 5917
Ion Ratio Lower Upper
142 100
127 42.4 35.1 52.7
141 0.0 11.8 17.6#

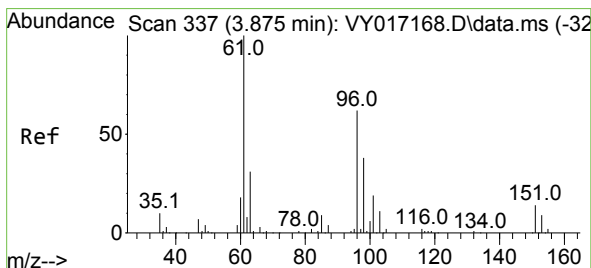
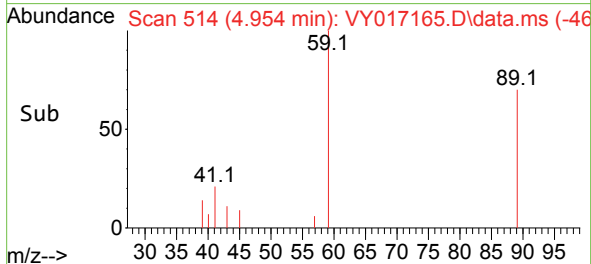
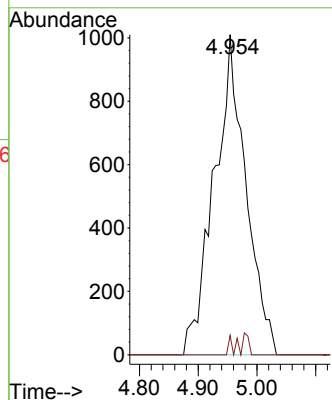
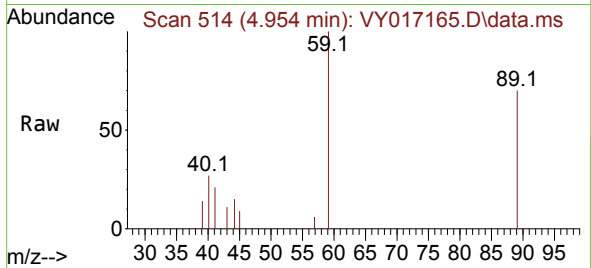




#11
Tert butyl alcohol
Concen: 28.598 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

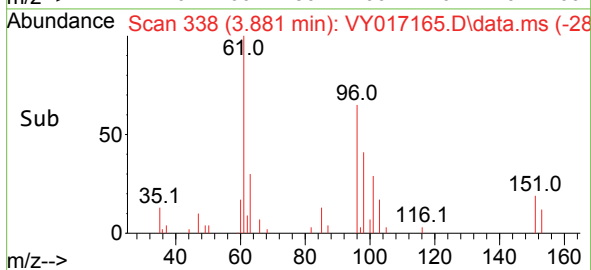
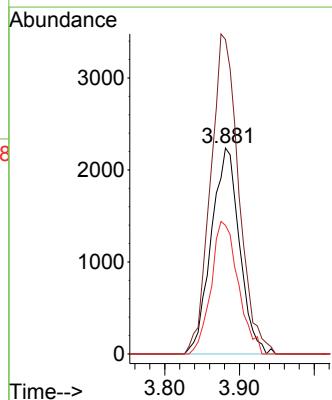
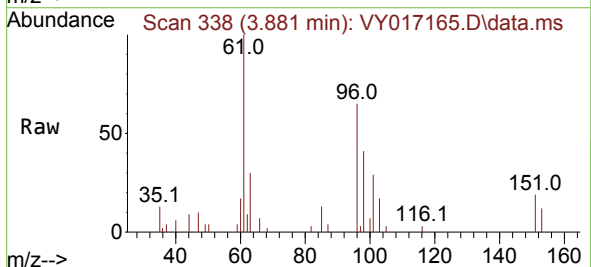
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

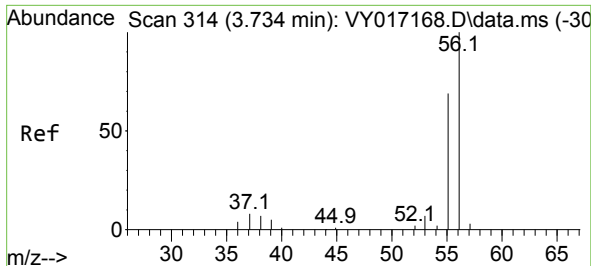
Tgt Ion: 59 Resp: 3801
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 5.182 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 96 Resp: 5877
Ion Ratio Lower Upper
96 100
61 152.7 124.2 186.2
98 62.5 52.6 79.0





#13

Acrolein

Concen: 24.125 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.001 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

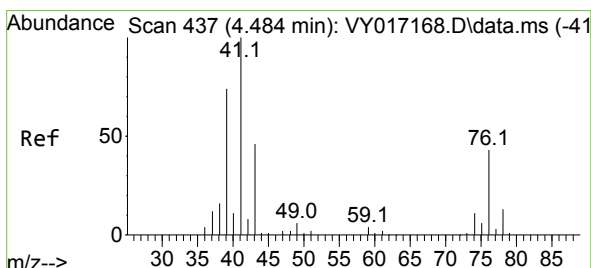
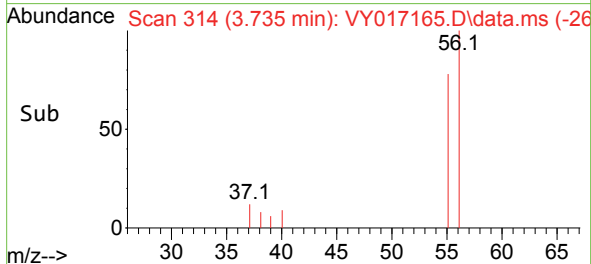
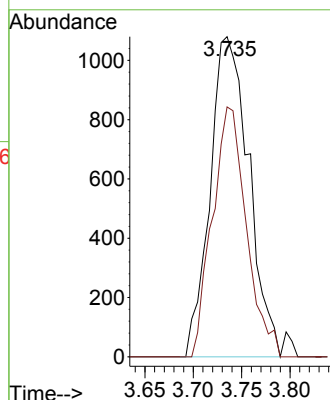
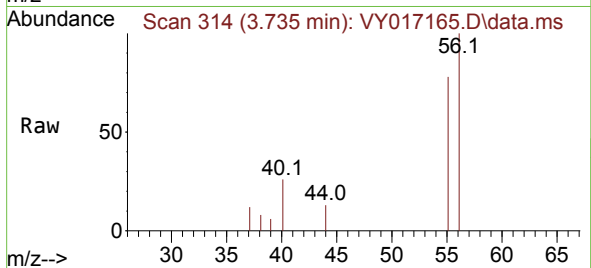
VSTDIC005

Tgt Ion: 56 Resp: 3006

Ion Ratio Lower Upper

56 100

55 68.6 55.4 83.0



#14

Allyl chloride

Concen: 4.991 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

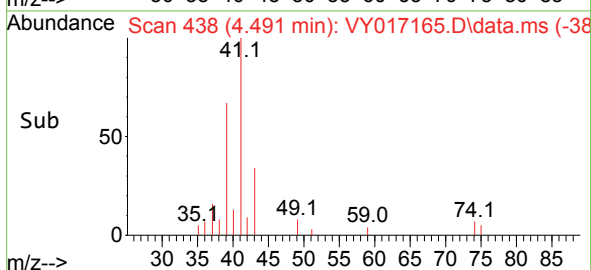
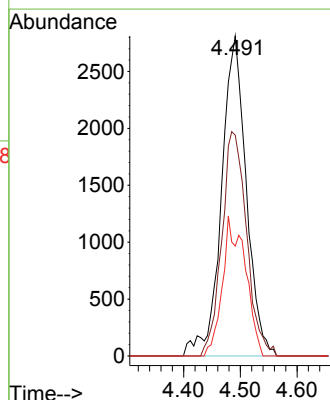
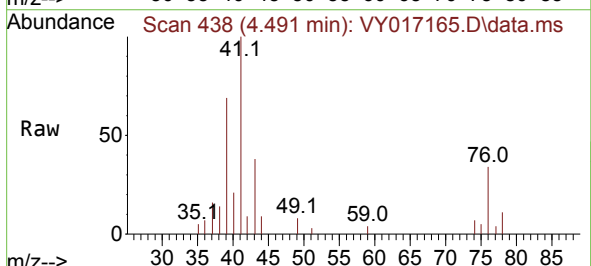
Tgt Ion: 41 Resp: 8557

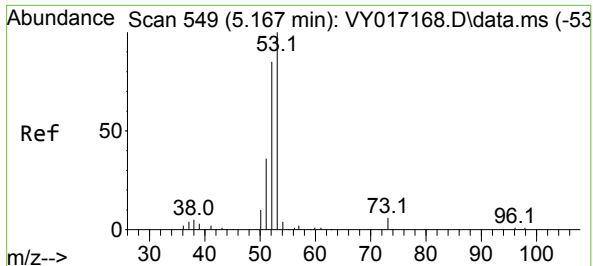
Ion Ratio Lower Upper

41 100

39 70.0 54.7 82.1

76 40.2 31.8 47.6

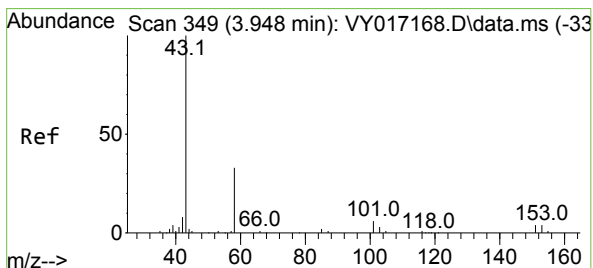
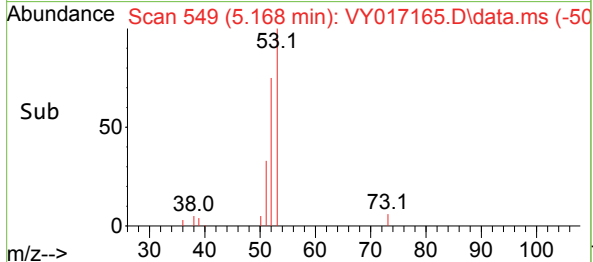
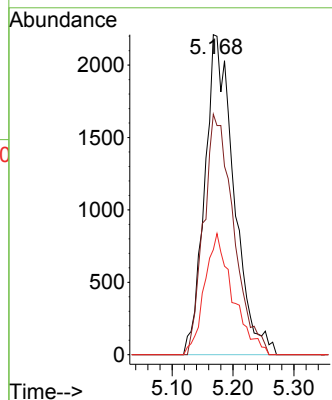
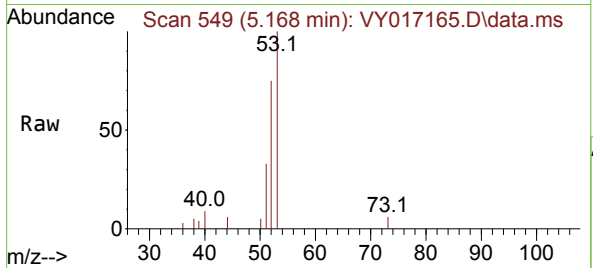




#15
Acrylonitrile
Concen: 26.041 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

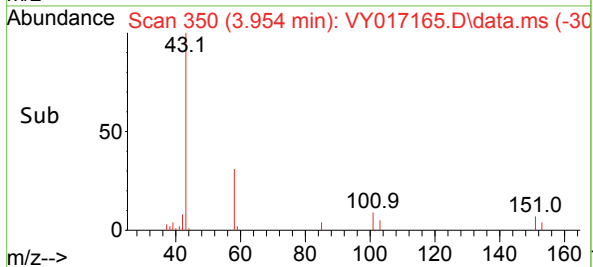
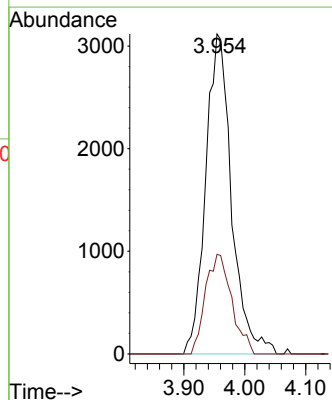
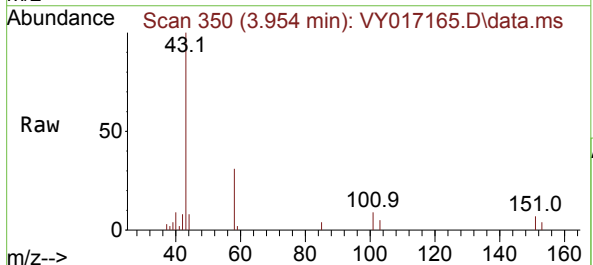
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

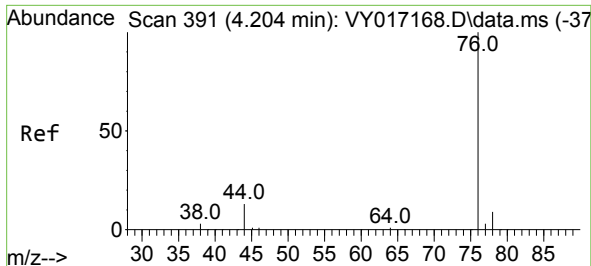
Tgt Ion:	53	Resp:	7364
Ion	Ratio	Lower	Upper
53	100		
52	76.6	65.1	97.7
51	36.9	29.0	43.4



#16
Acetone
Concen: 29.884 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion:	43	Resp:	9181
Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.6	39.8

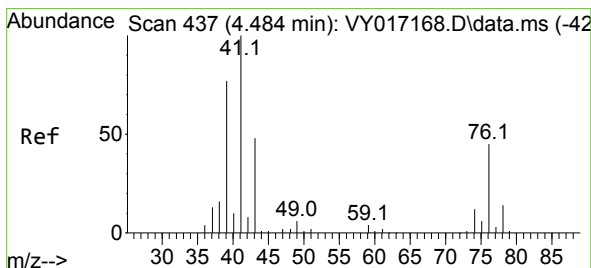
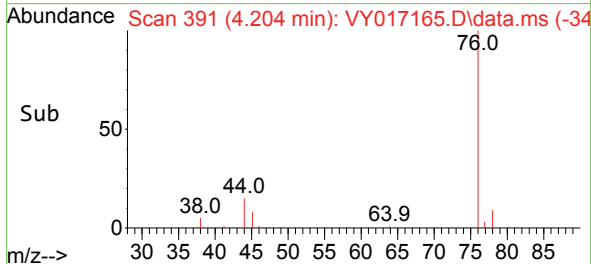
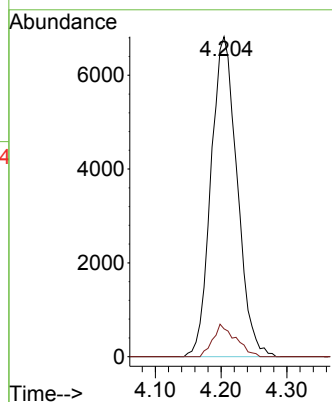
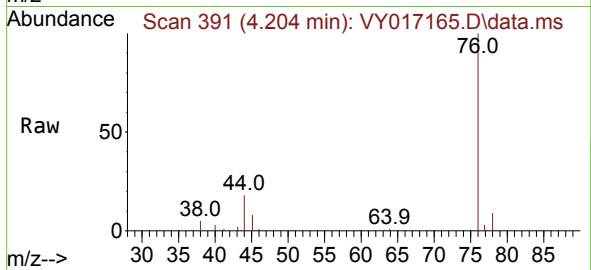




#17
Carbon Disulfide
Concen: 5.219 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

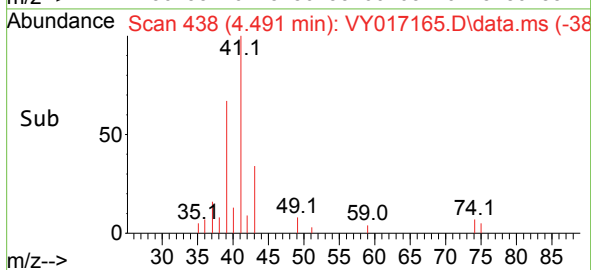
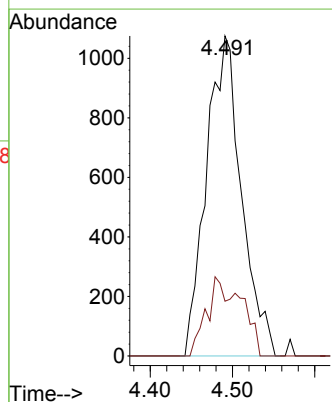
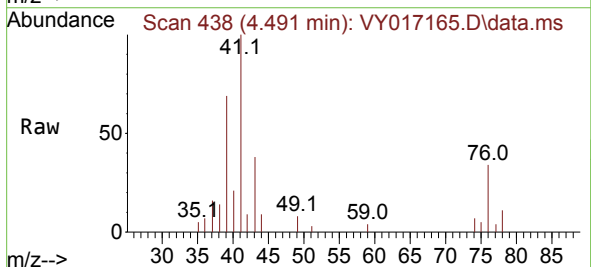
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

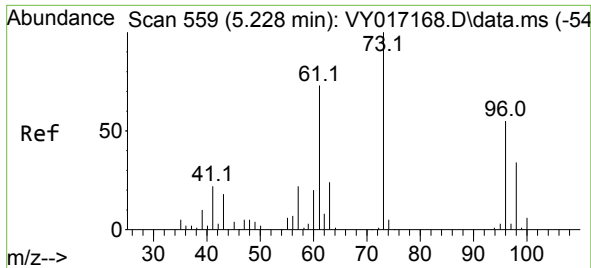
Tgt Ion: 76 Resp: 18894
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 4.643 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 43 Resp: 3182
Ion Ratio Lower Upper
43 100
74 15.1 19.8 29.6#

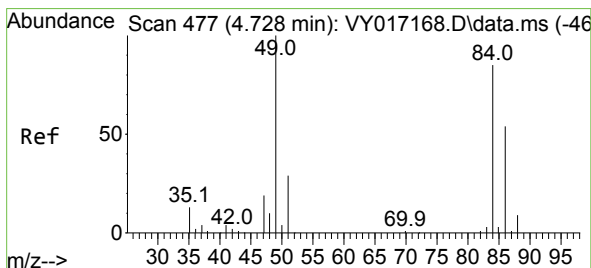
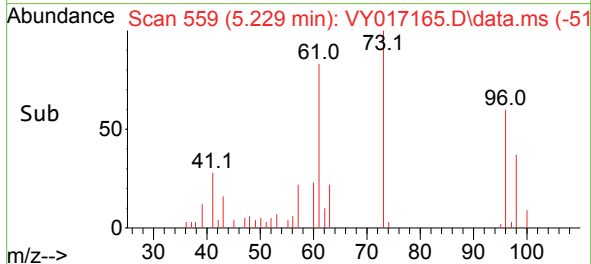
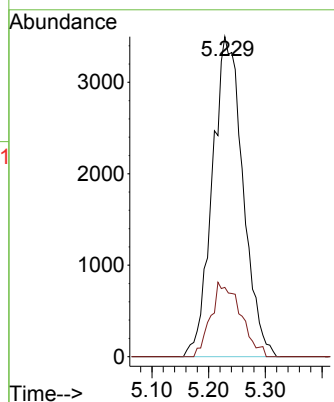
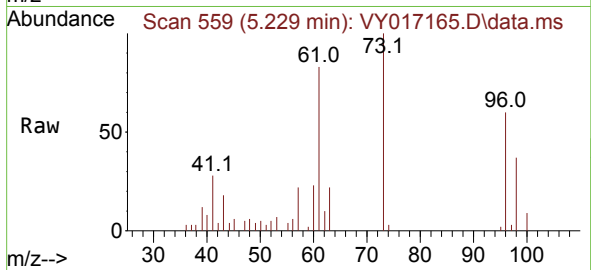




#19
Methyl tert-butyl Ether
Concen: 4.789 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

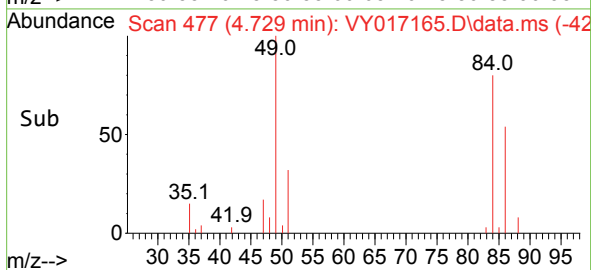
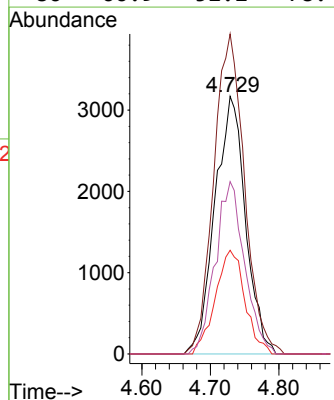
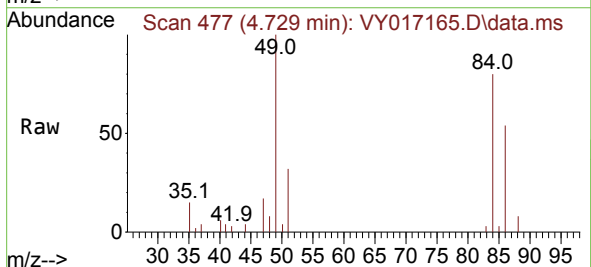
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

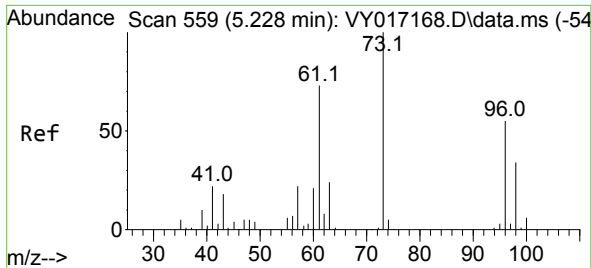
Tgt Ion: 73 Resp: 13080
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 4.610 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 84 Resp: 9802
Ion Ratio Lower Upper
84 100
49 124.2 95.2 142.8
51 40.3 29.9 44.9
86 66.9 52.2 78.4

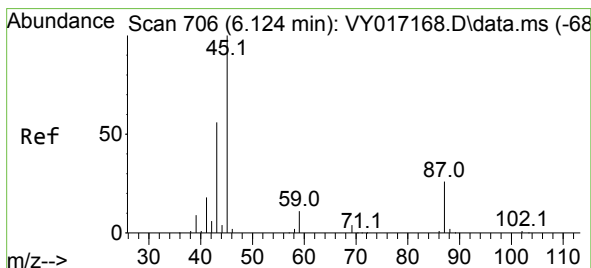
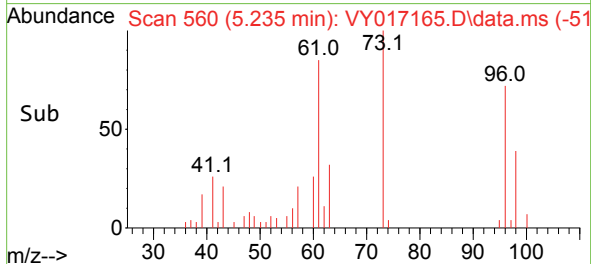
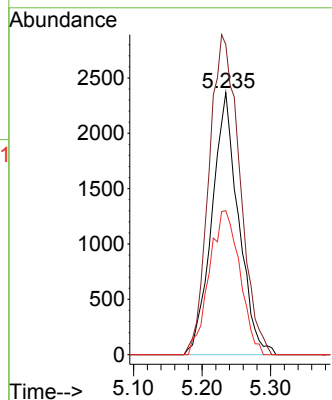
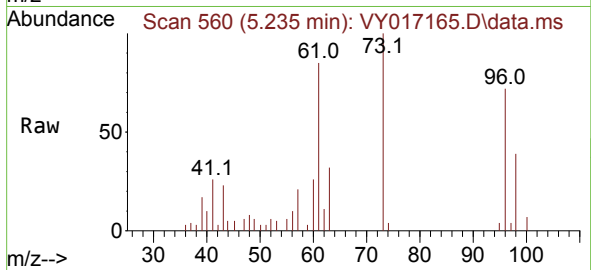




#21
trans-1,2-Dichloroethene
Concen: 4.947 ug/l
RT: 5.235 min Scan# 511
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

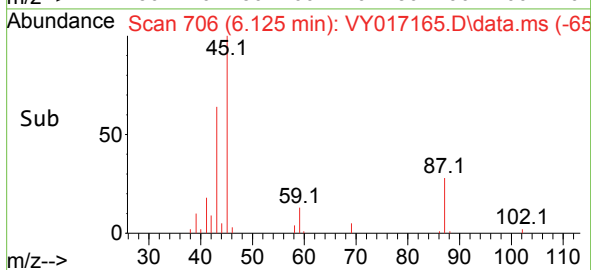
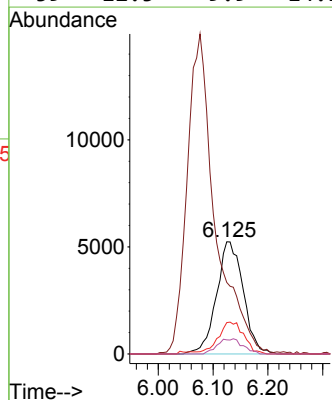
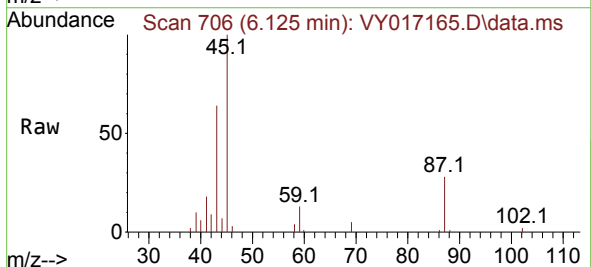
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

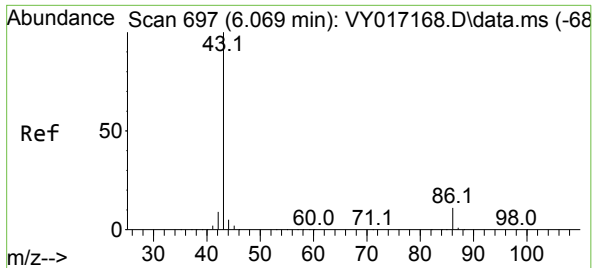
Tgt Ion: 96 Resp: 6383
Ion Ratio Lower Upper
96 100
61 118.3 104.6 156.8
98 54.9 50.9 76.3



#22
Diisopropyl ether
Concen: 4.707 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 45 Resp: 17723
Ion Ratio Lower Upper
45 100
43 62.4 46.8 70.2
87 27.9 22.2 33.2
59 12.5 9.9 14.9

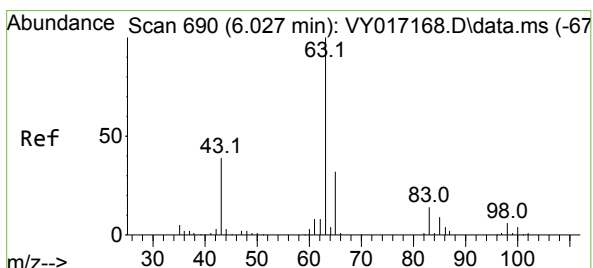
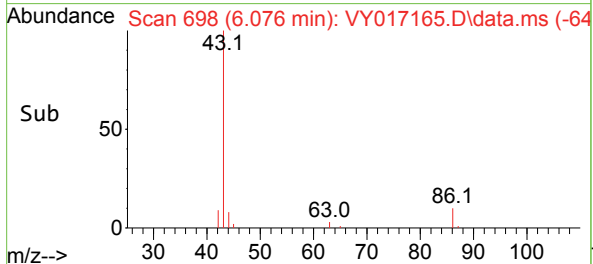
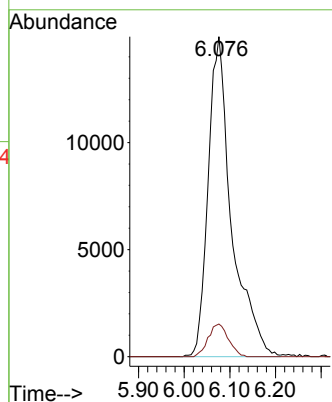
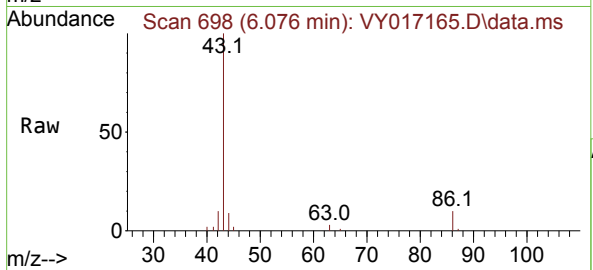




#23
 Vinyl Acetate
 Concen: 23.317 ug/l
 RT: 6.076 min Scan# 697
 Delta R.T. 0.007 min
 Lab File: VY017165.D
 Acq: 01 Feb 2024 13:38

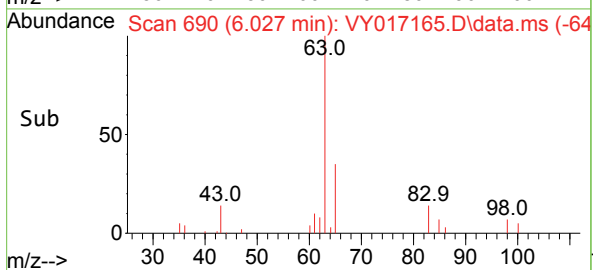
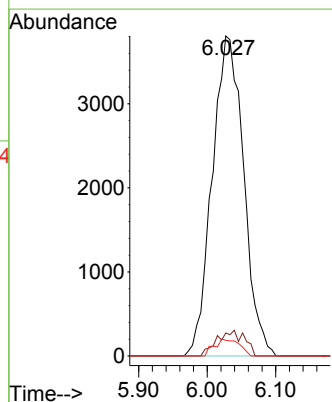
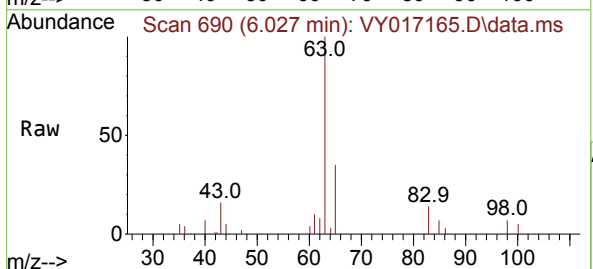
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 53198
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 5.256 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017165.D
 Acq: 01 Feb 2024 13:38

Tgt Ion: 63 Resp: 12123
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 26.848 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

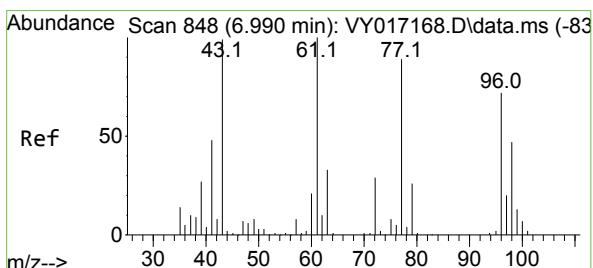
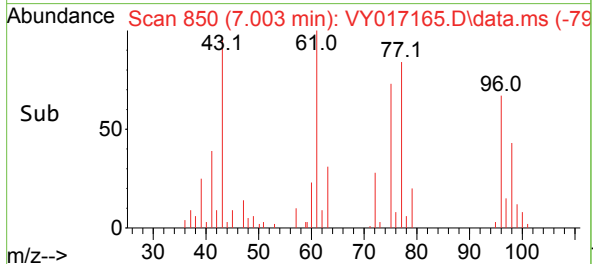
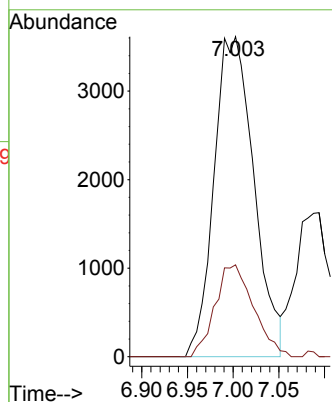
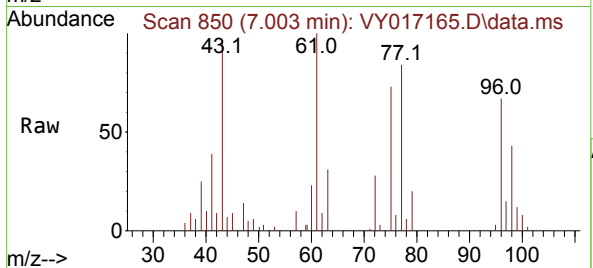
VSTDICC005

Tgt Ion: 43 Resp: 10965

Ion Ratio Lower Upper

43 100

72 28.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 5.218 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017165.D

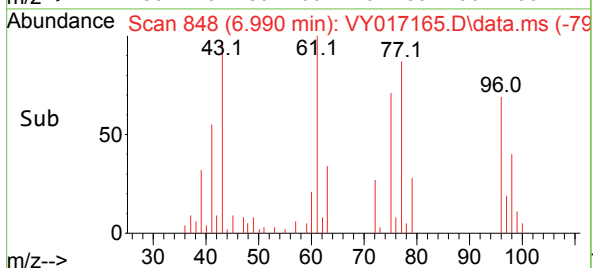
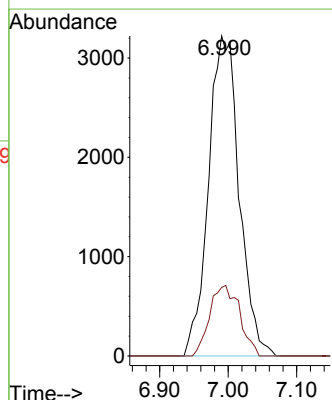
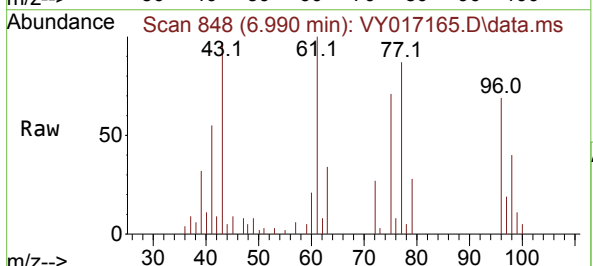
Acq: 01 Feb 2024 13:38

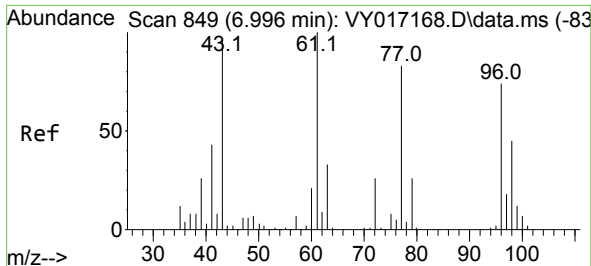
Tgt Ion: 77 Resp: 10012

Ion Ratio Lower Upper

77 100

97 21.5 11.7 35.0



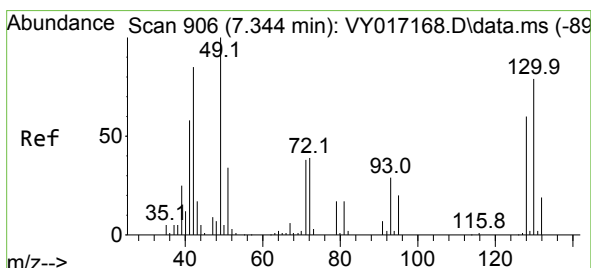
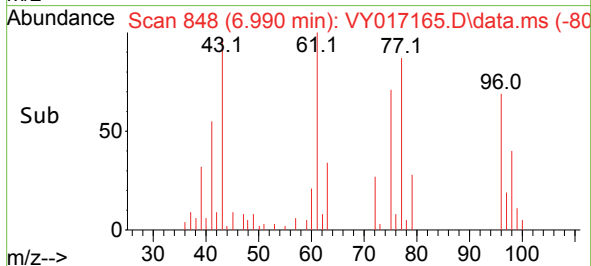
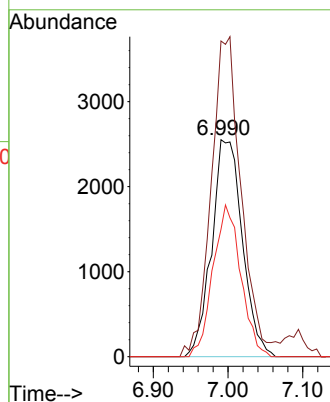
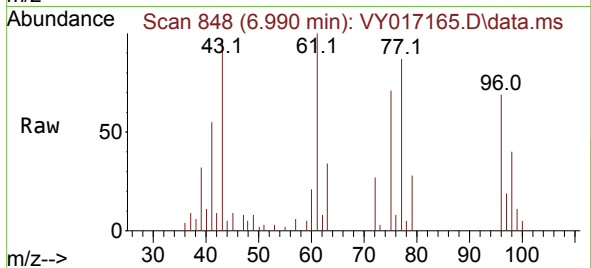


#27
cis-1,2-Dichloroethene
Concen: 5.051 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 7289

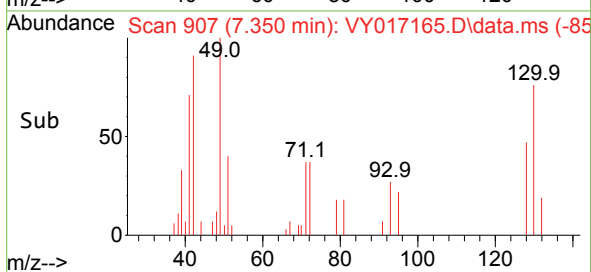
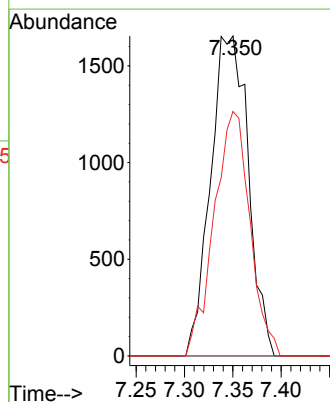
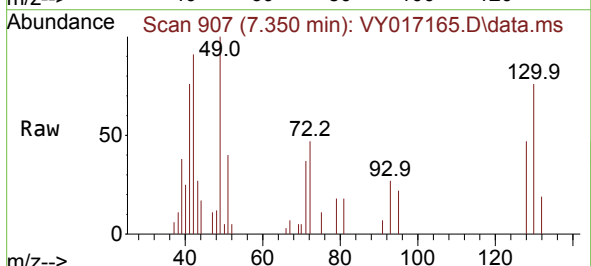
Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	278.8
98	63.5	0.0	127.0

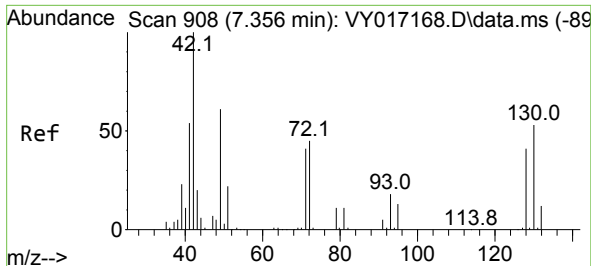


#28
Bromochloromethane
Concen: 5.075 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 49 Resp: 4482

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	72.8	59.8	89.8





#29

Tetrahydrofuran

Concen: 24.633 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.007 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

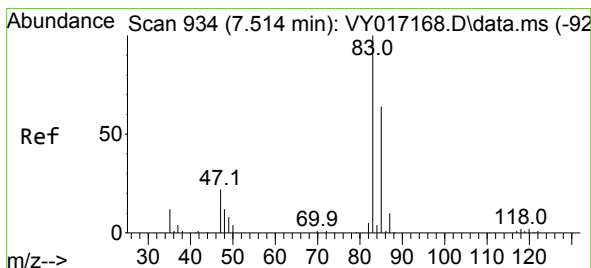
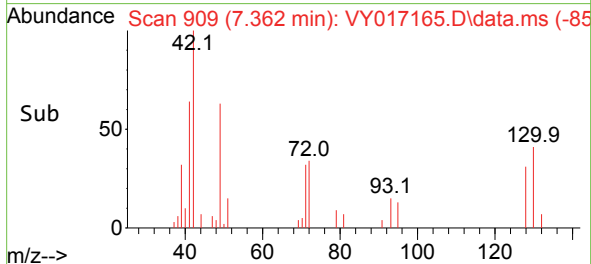
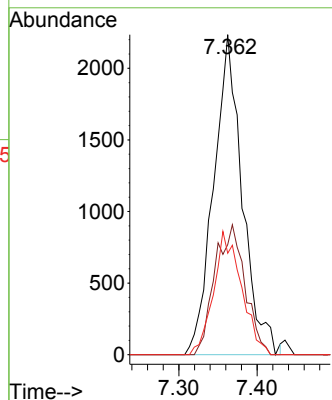
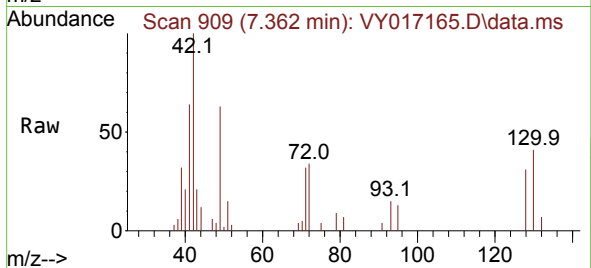
Tgt Ion: 42 Resp: 5683

Ion Ratio Lower Upper

42 100

72 42.9 36.6 54.8

71 37.4 33.8 50.6



#30

Chloroform

Concen: 5.159 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017165.D

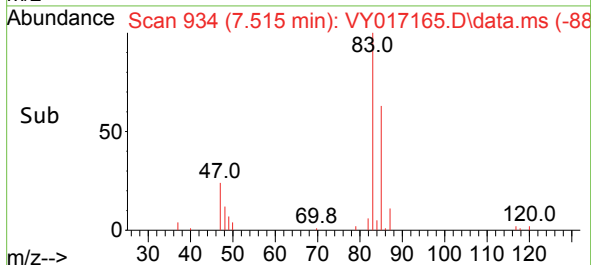
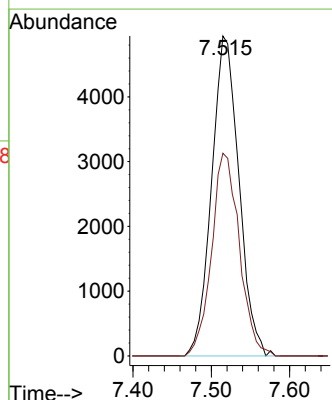
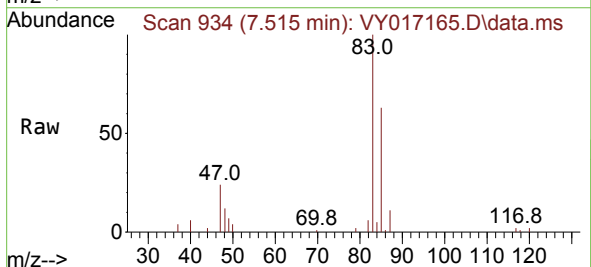
Acq: 01 Feb 2024 13:38

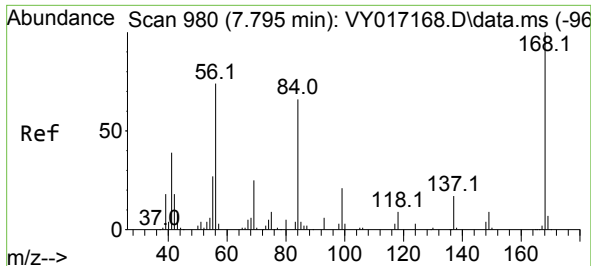
Tgt Ion: 83 Resp: 11972

Ion Ratio Lower Upper

83 100

85 63.4 51.2 76.8

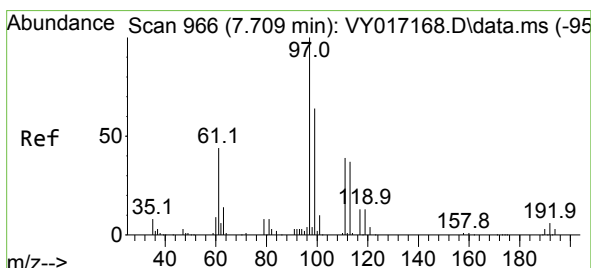
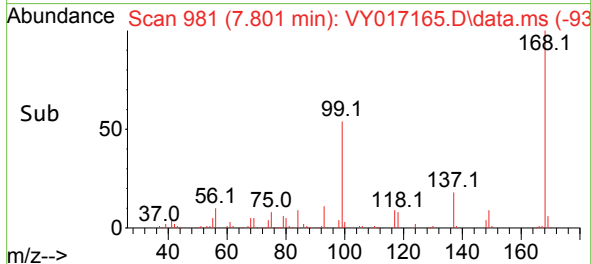
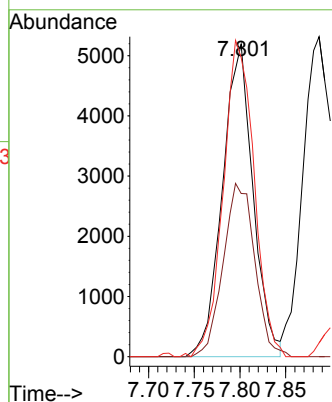
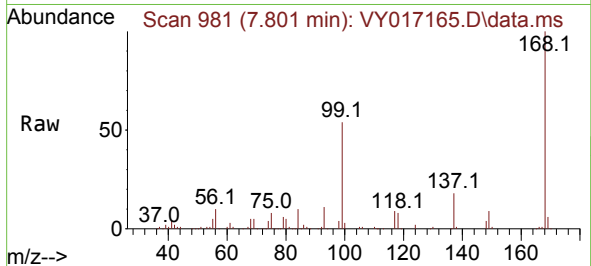




#31
Cyclohexane
Concen: 5.744 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

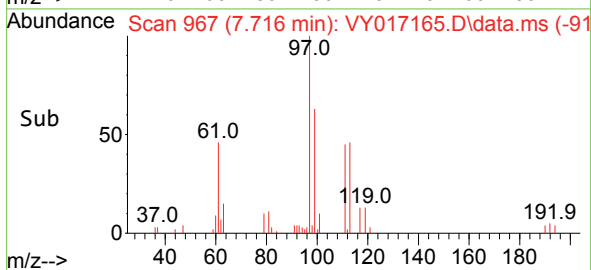
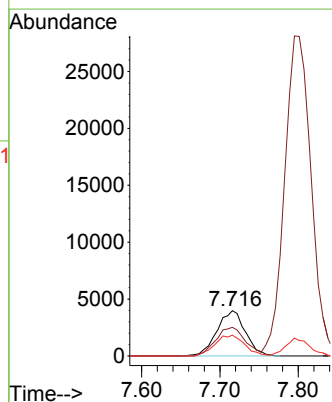
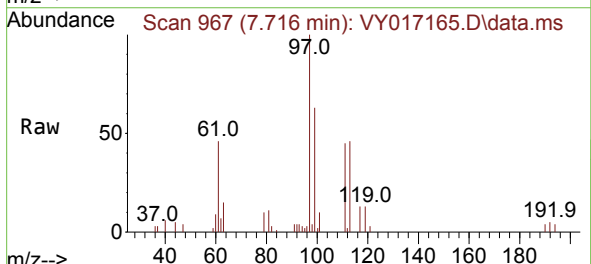
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

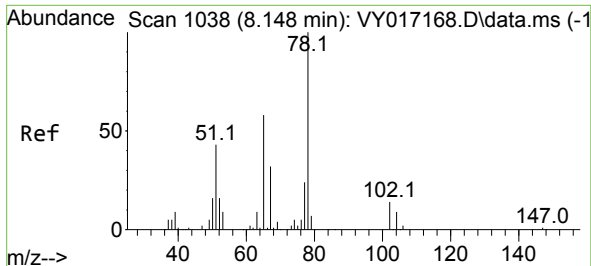
Tgt Ion: 56 Resp: 12101
Ion Ratio Lower Upper
56 100
69 52.2 27.0 40.6#
84 95.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 5.015 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 97 Resp: 10010
Ion Ratio Lower Upper
97 100
99 65.7 51.2 76.8
61 48.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 5.463 ug/l

RT: 8.155 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

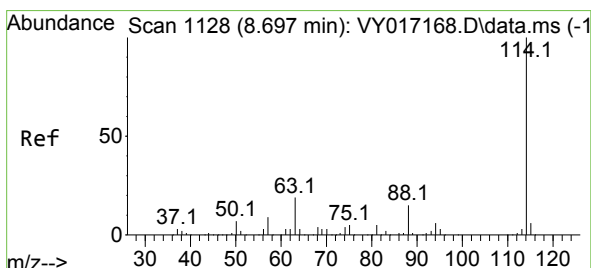
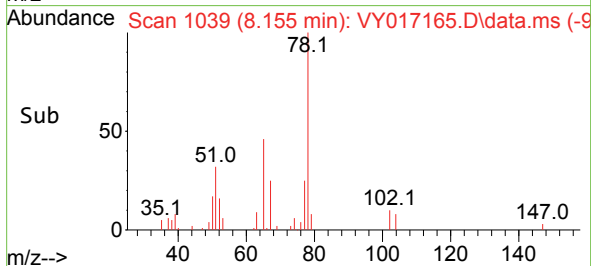
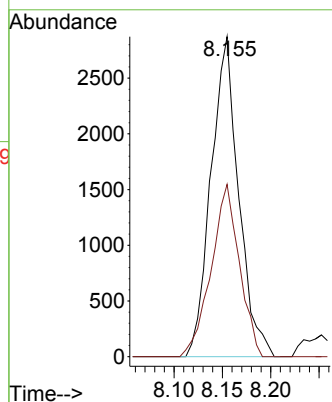
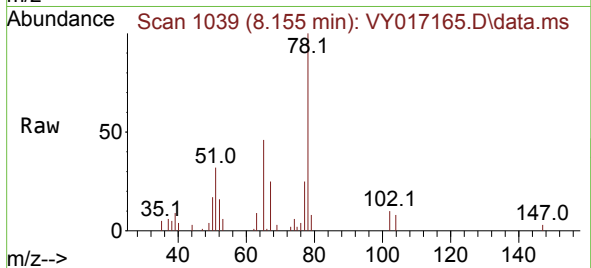
VSTDIC005

Tgt Ion: 65 Resp: 5710

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

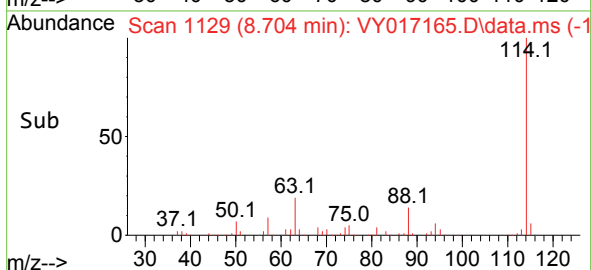
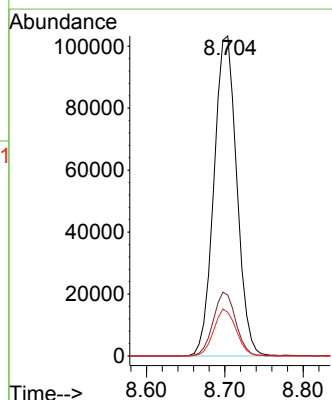
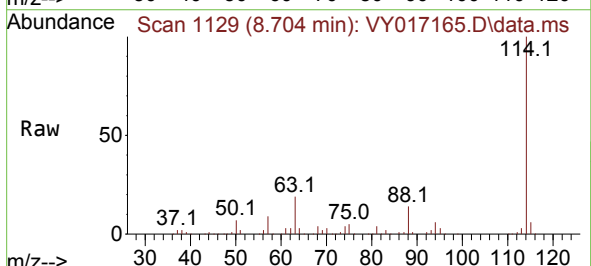
Tgt Ion: 114 Resp: 208954

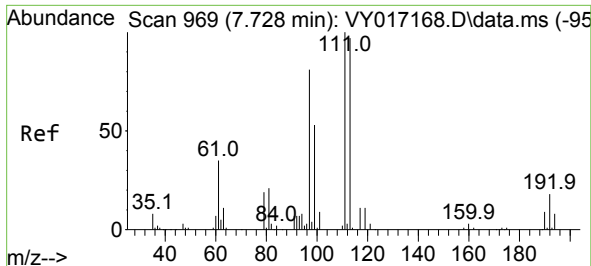
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 13.6 0.0 29.0

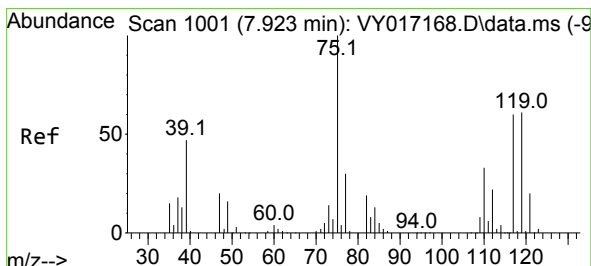
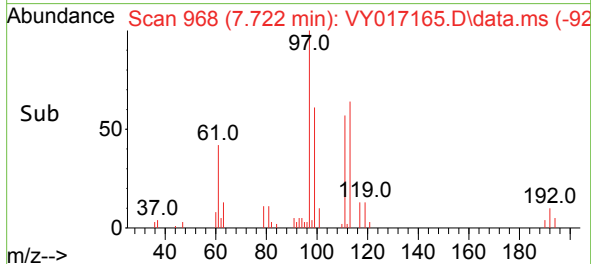
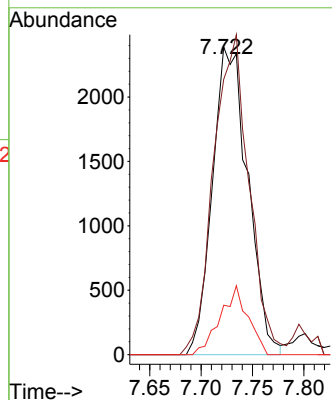
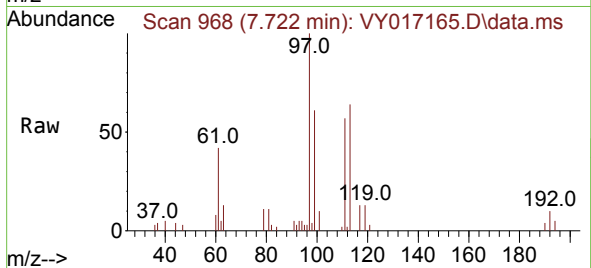




#35
Dibromofluoromethane
Concen: 5.066 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

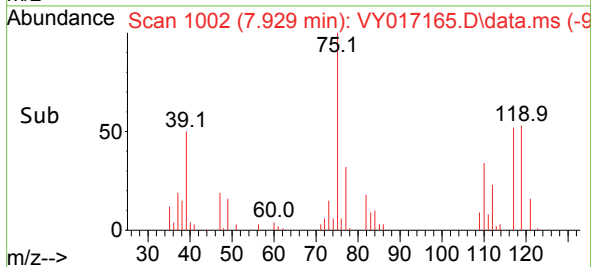
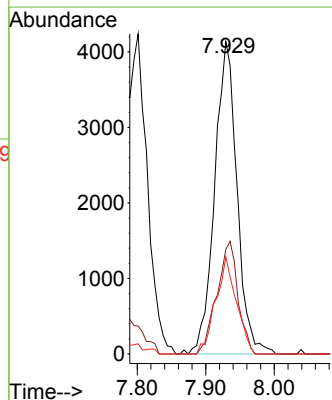
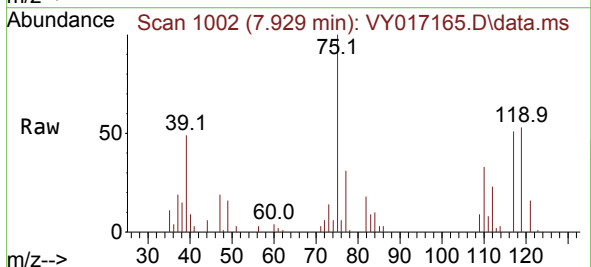
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

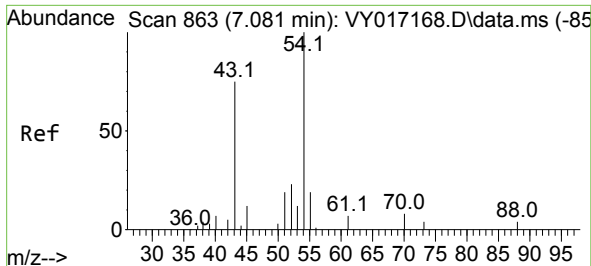
Tgt Ion:113 Resp: 5715
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 75 Resp: 9361
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.3
77 28.7 24.7 37.1

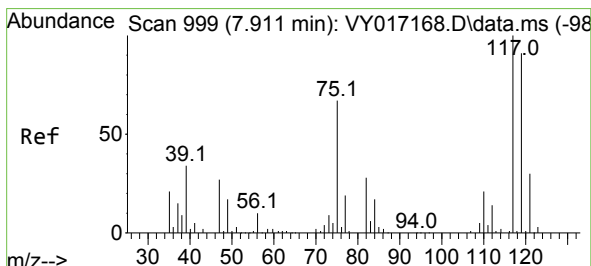
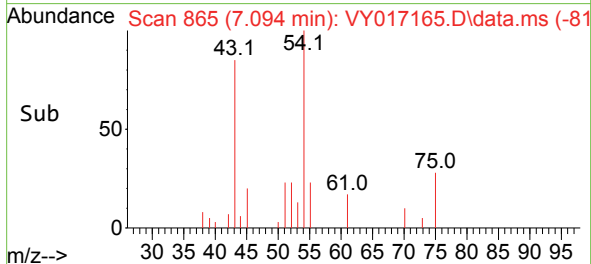
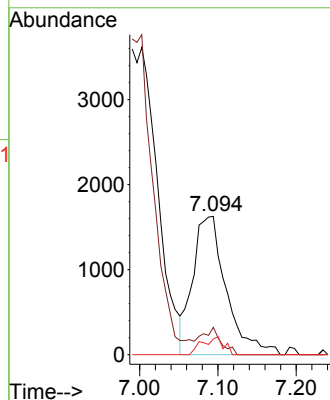
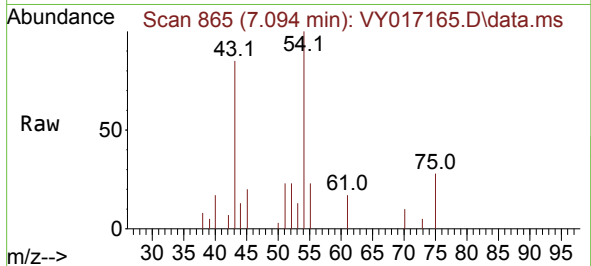




#37
Ethyl Acetate
Concen: 5.370 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.013 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

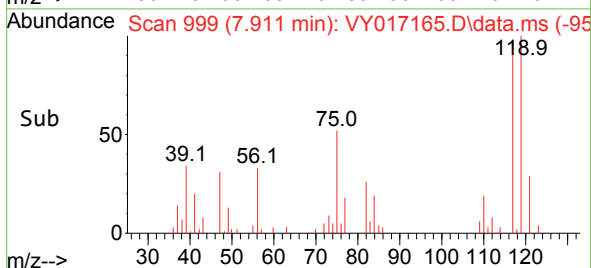
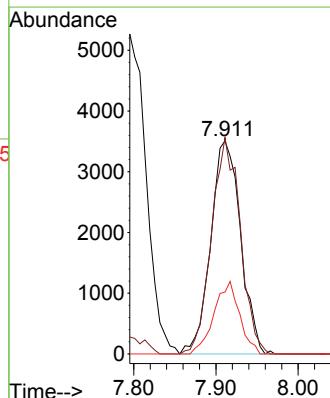
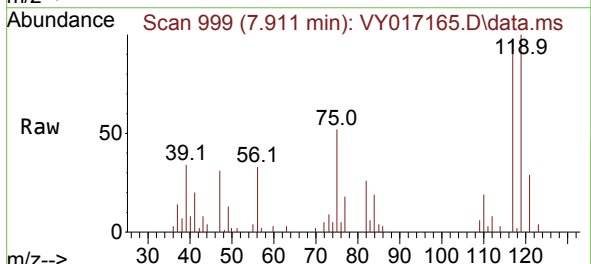
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

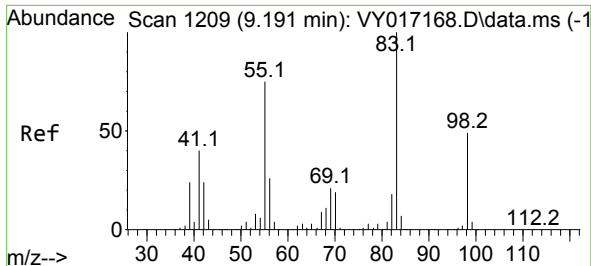
Tgt Ion: 43 Resp: 4847
Ion Ratio Lower Upper
43 100
61 11.1 11.0 16.6
70 8.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 4.752 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 117 Resp: 8854
Ion Ratio Lower Upper
117 100
119 101.6 76.0 114.0
121 29.0 24.2 36.2

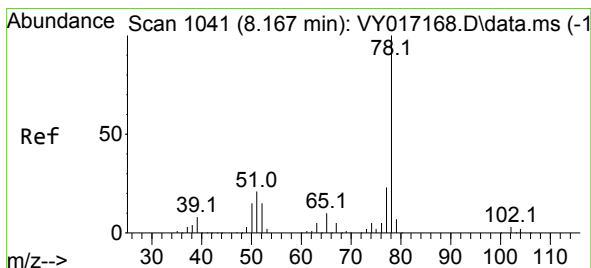
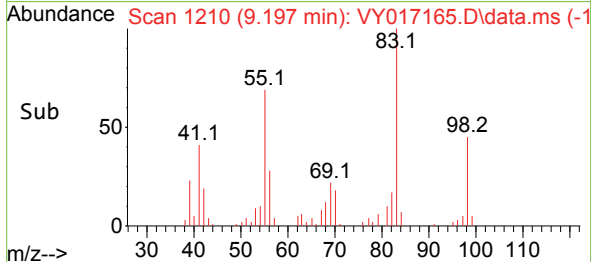
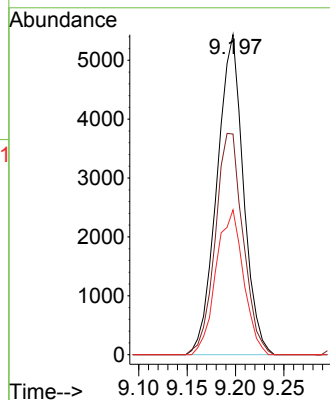
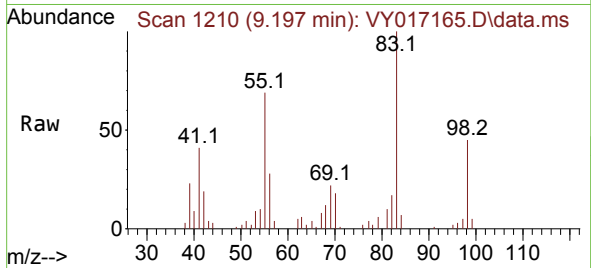




#39
Methylcyclohexane
Concen: 4.548 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

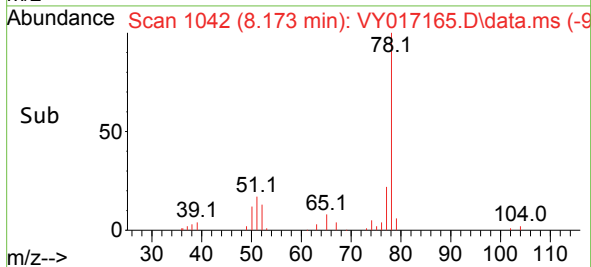
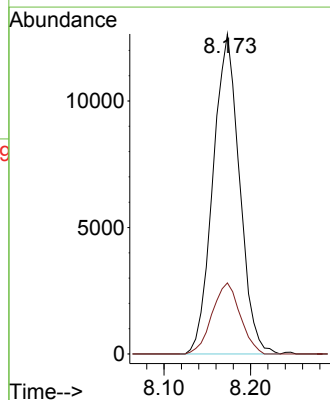
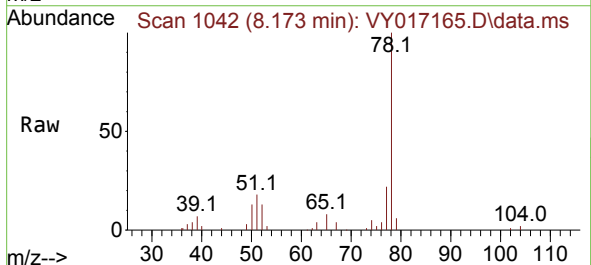
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

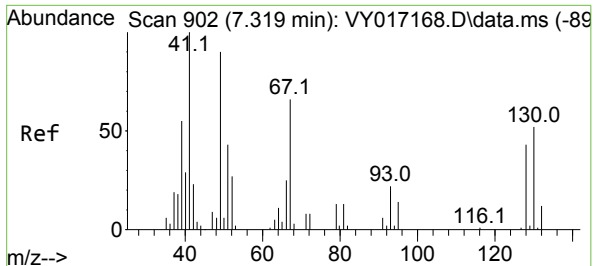
Tgt Ion: 83 Resp: 10339
Ion Ratio Lower Upper
83 100
55 69.0 59.7 89.5
98 45.3 38.0 57.0



#40
Benzene
Concen: 4.844 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 78 Resp: 26920
Ion Ratio Lower Upper
78 100
77 22.2 18.8 28.2

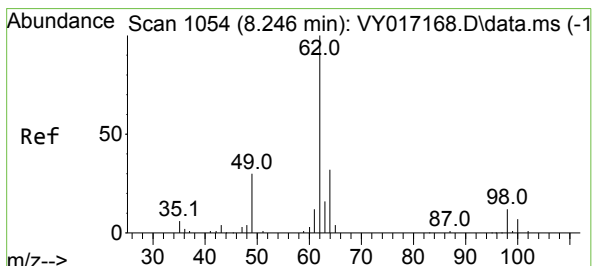
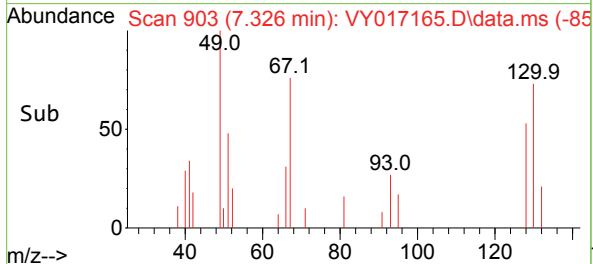
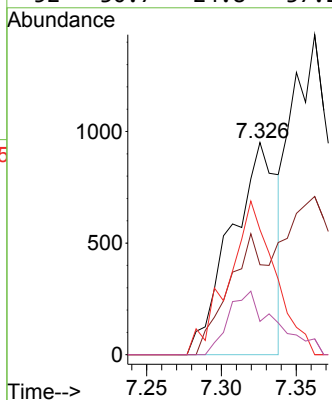
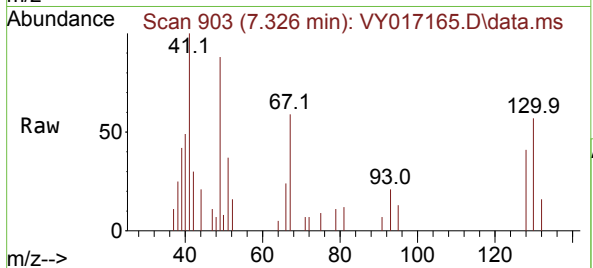




#41
Methacrylonitrile
Concen: 4.765 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

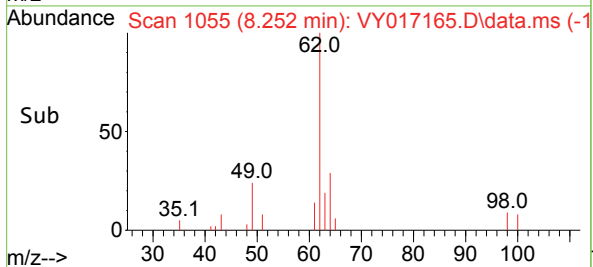
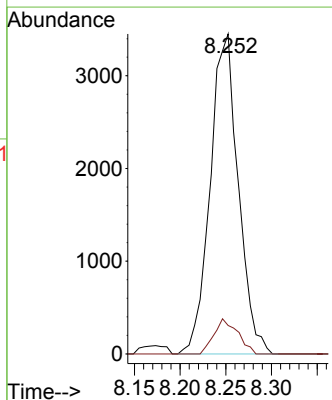
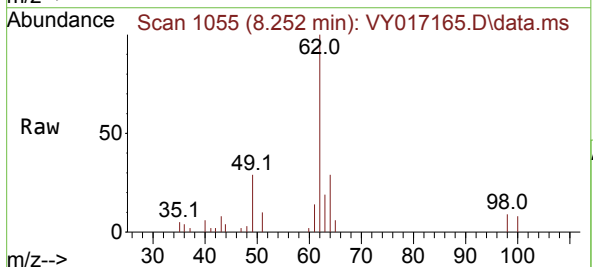
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

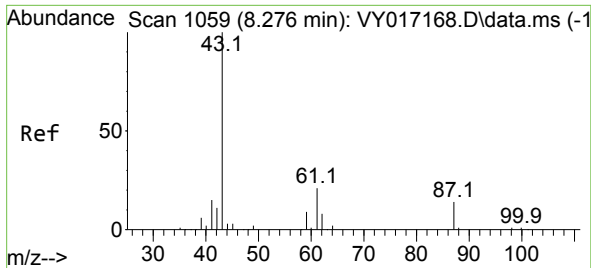
Tgt Ion:	41	Resp:	2038
Ion	Ratio	Lower	Upper
41	100		
39	47.0	41.9	62.9
67	72.8	59.8	89.6
52	30.7	24.8	37.2



#42
1,2-Dichloroethane
Concen: 5.020 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion:	62	Resp:	7387
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2

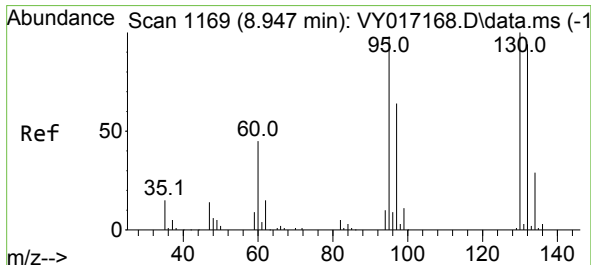
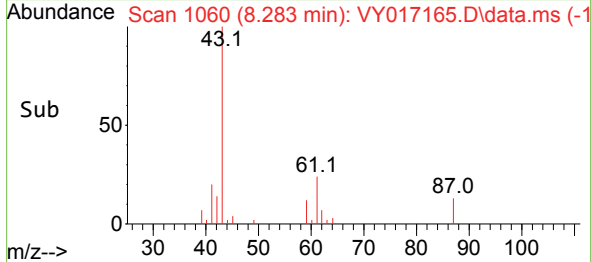
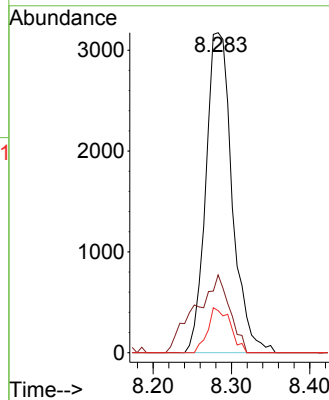
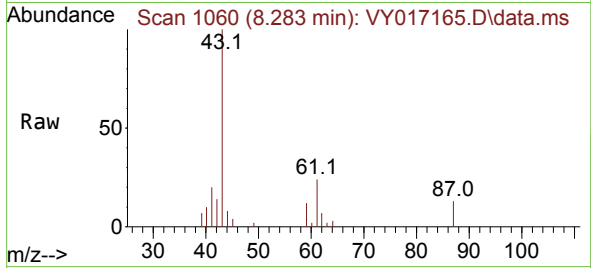




#43
Isopropyl Acetate
Concen: 4.643 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

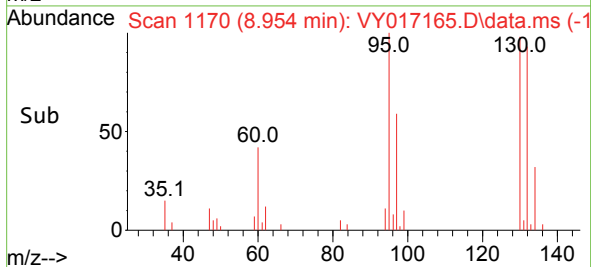
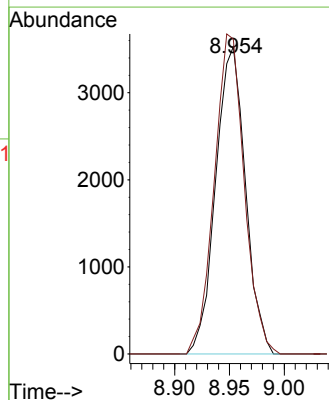
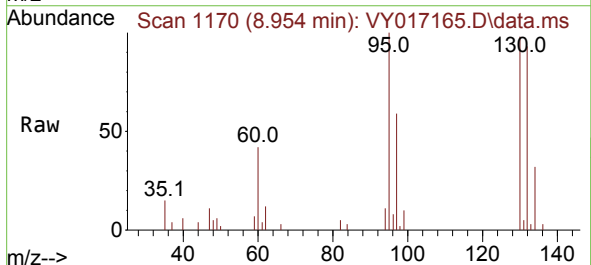
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43	Resp:	7418
Ion	Ratio	Lower Upper
43	100	
61	31.6	24.8 37.2
87	12.1	10.7 16.1



#44
Trichloroethene
Concen: 4.722 ug/l
RT: 8.954 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 130	Resp:	6661
Ion	Ratio	Lower Upper
130	100	
95	102.5	0.0 203.8





#45

1,2-Dichloropropane

Concen: 4.853 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

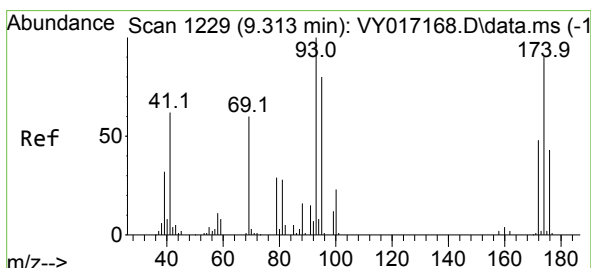
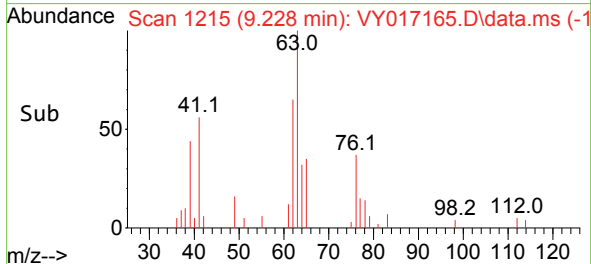
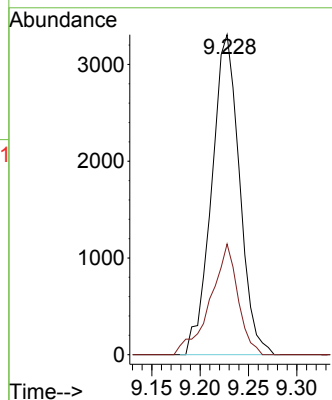
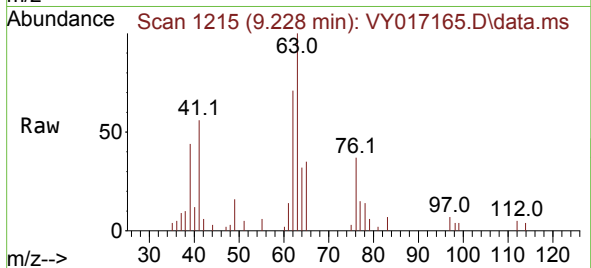
VSTDIC005

Tgt Ion: 63 Resp: 6625

Ion Ratio Lower Upper

63 100

65 34.6 24.6 36.8



#46

Dibromomethane

Concen: 4.766 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

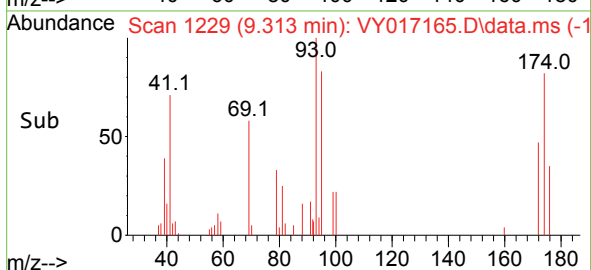
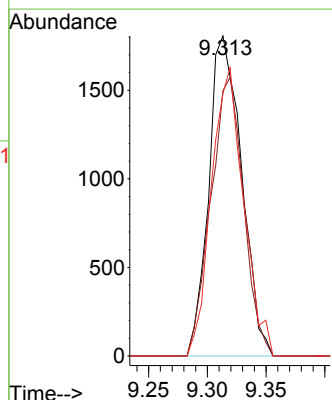
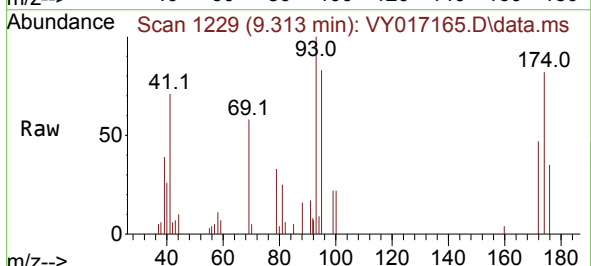
Tgt Ion: 93 Resp: 3514

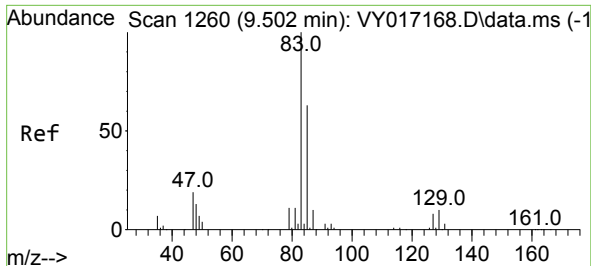
Ion Ratio Lower Upper

93 100

95 86.7 66.6 99.8

174 88.2 73.8 110.6

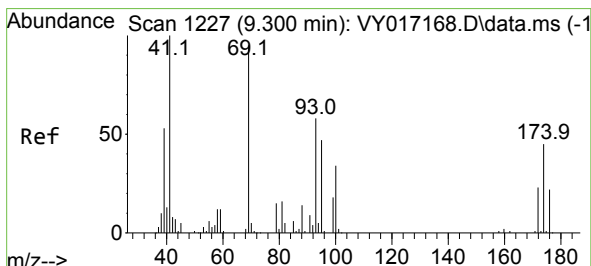
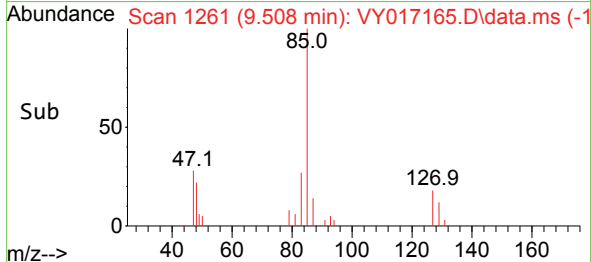
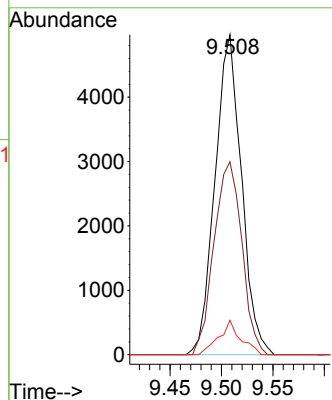
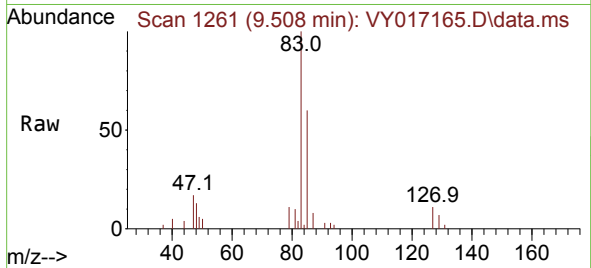




#47
Bromodichloromethane
Concen: 4.814 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

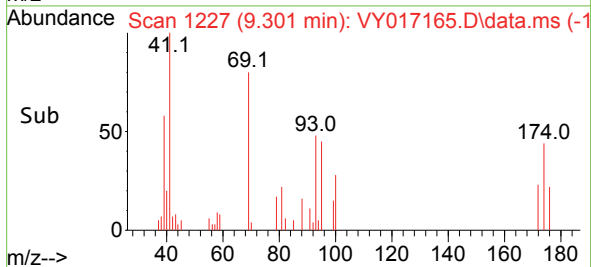
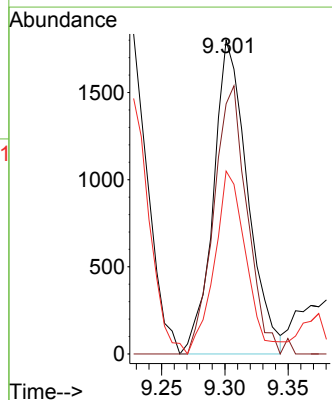
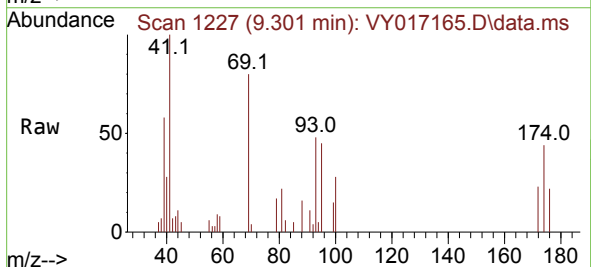
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

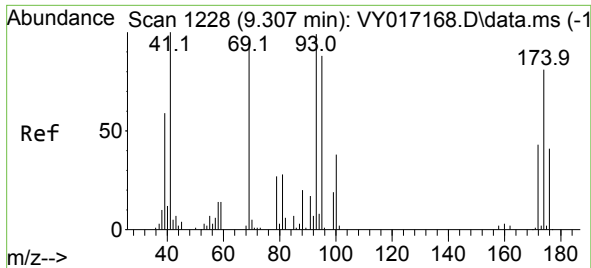
Tgt Ion: 83 Resp: 8884
Ion Ratio Lower Upper
83 100
85 60.3 53.2 79.8
127 10.8 6.4 9.6#



#48
Methyl methacrylate
Concen: 4.522 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.001 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

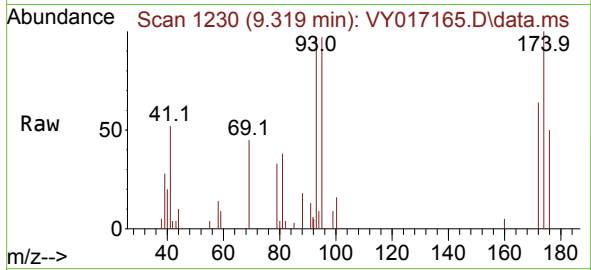
Tgt Ion: 41 Resp: 3389
Ion Ratio Lower Upper
41 100
69 83.6 72.1 108.1
39 53.9 42.8 64.2



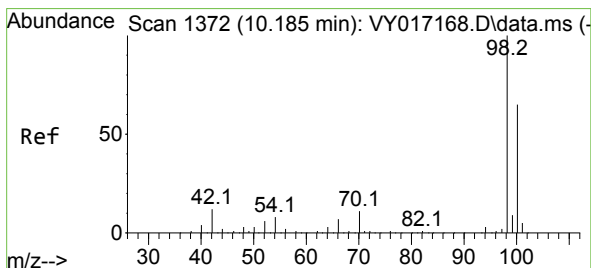
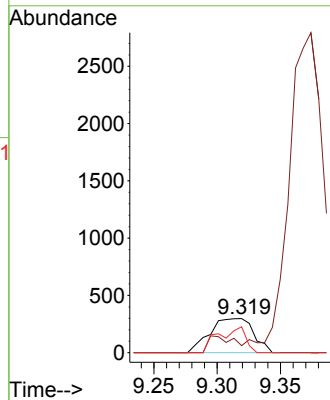
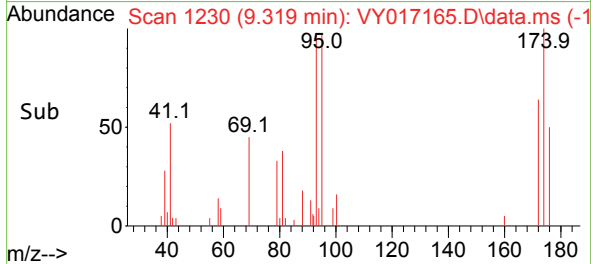


#49
1,4-Dioxane
Concen: 89.334 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.013 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

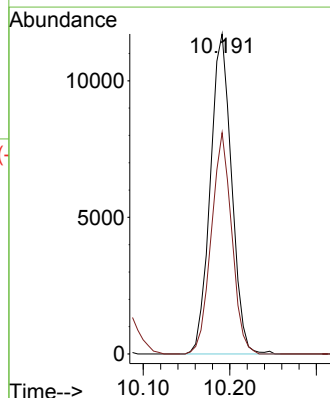
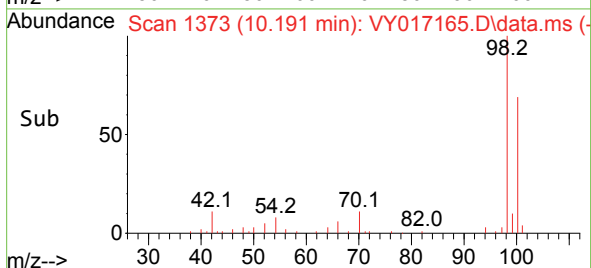
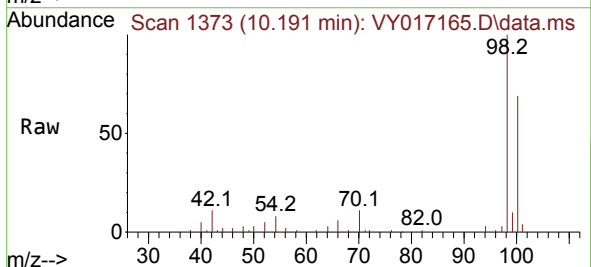


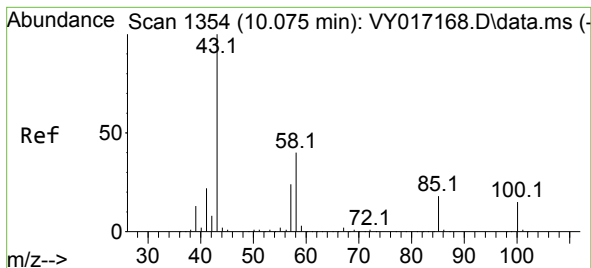
Tgt Ion: 88 Resp: 717
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 47.3 52.2 78.2#



#50
Toluene-d8
Concen: 4.861 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 98 Resp: 19967
Ion Ratio Lower Upper
98 100
100 66.5 52.3 78.5

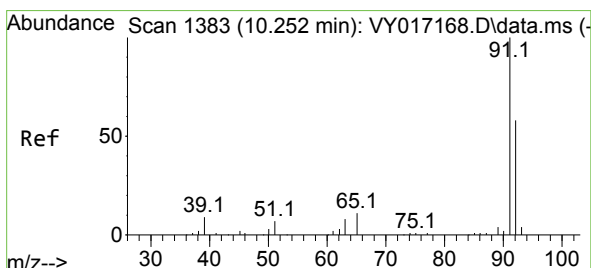
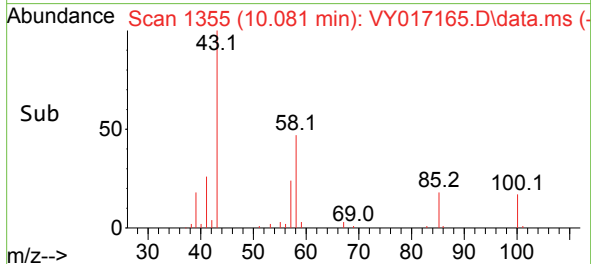
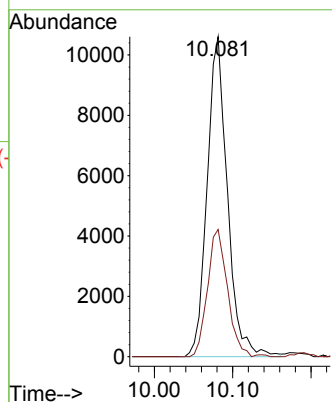
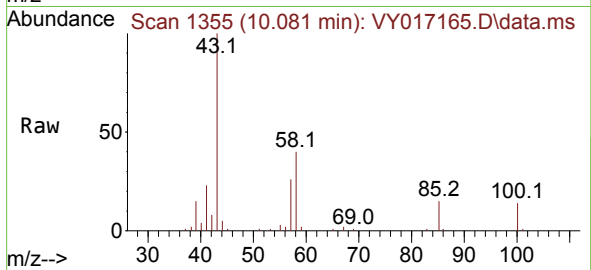




#51
4-Methyl-2-Pentanone
Concen: 22.250 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

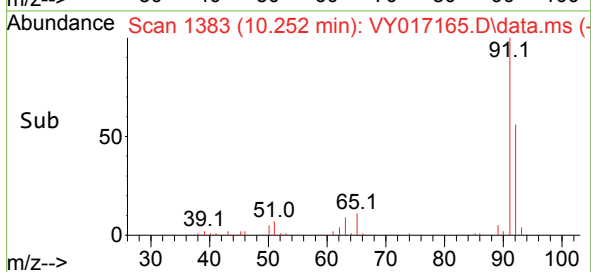
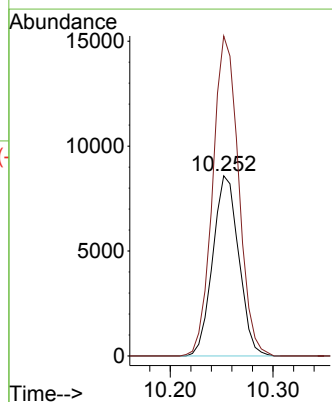
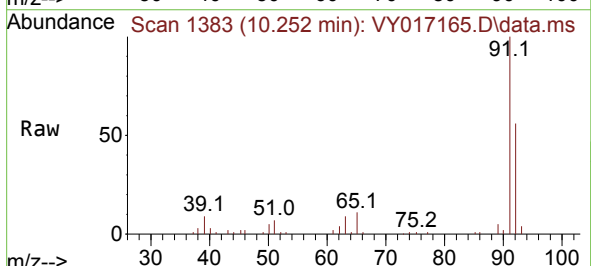
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

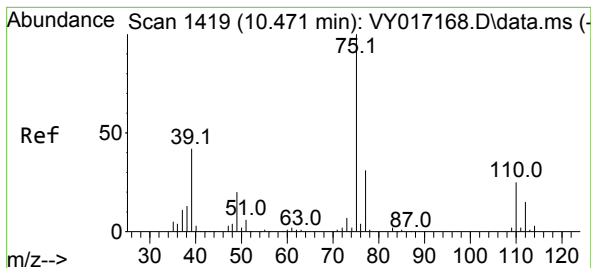
Tgt Ion: 43 Resp: 19057
Ion Ratio Lower Upper
43 100
58 39.1 32.2 48.2



#52
Toluene
Concen: 4.495 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 92 Resp: 15080
Ion Ratio Lower Upper
92 100
91 176.6 137.6 206.4

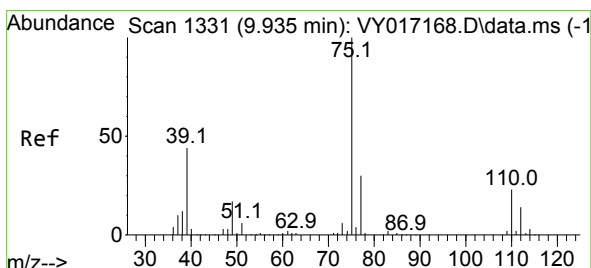
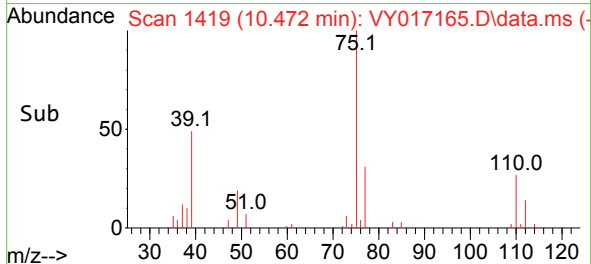
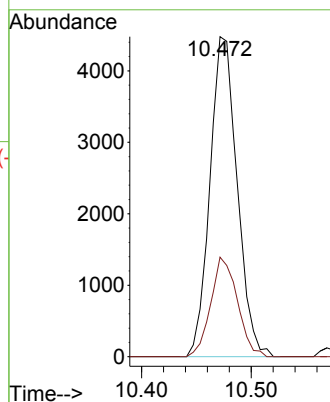
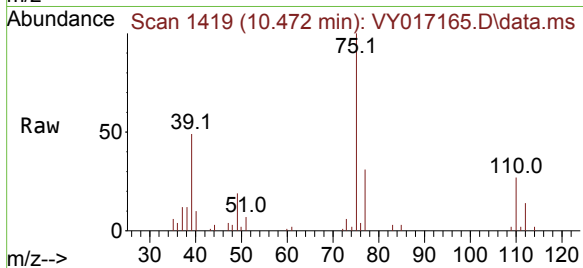




#53
t-1,3-Dichloropropene
Concen: 4.459 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

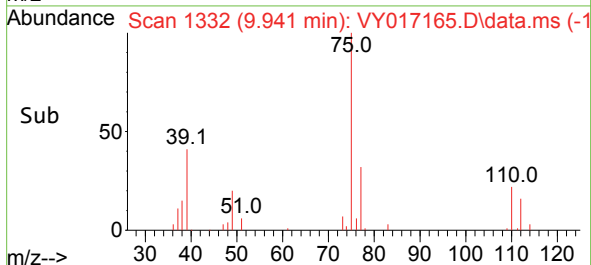
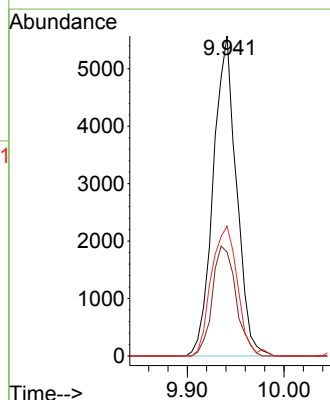
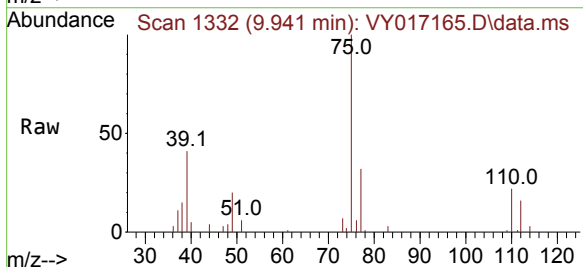
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

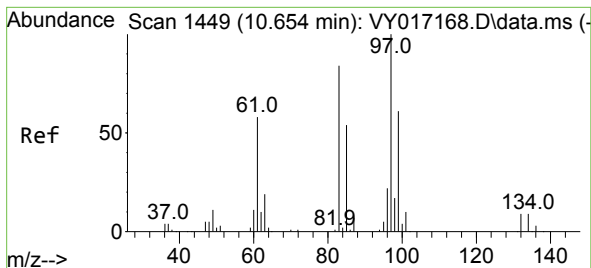
Tgt Ion: 75 Resp: 7730
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 4.467 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 75 Resp: 9275
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8
39 40.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 4.805 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 4821

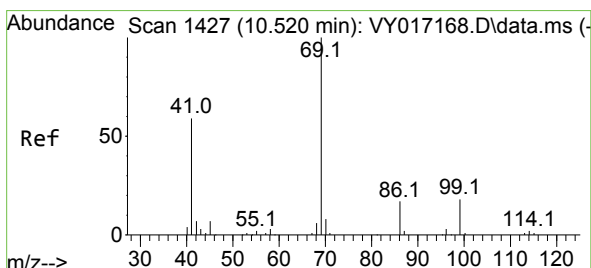
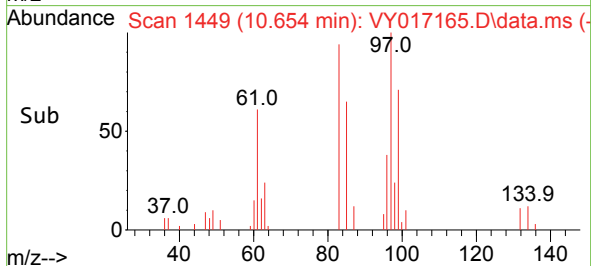
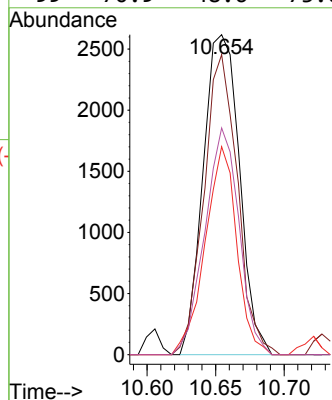
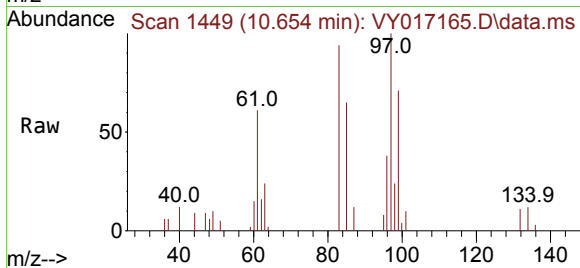
Ion Ratio Lower Upper

97 100

83 93.8 69.4 104.2

85 65.0 43.9 65.9

99 70.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 6.313 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

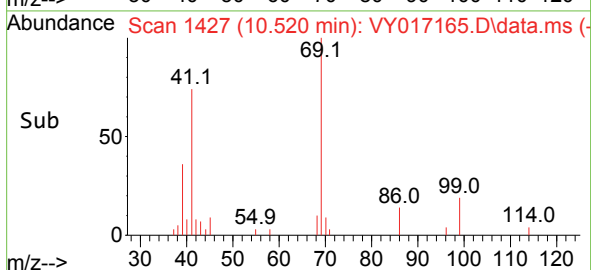
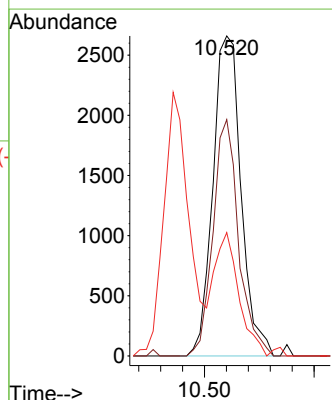
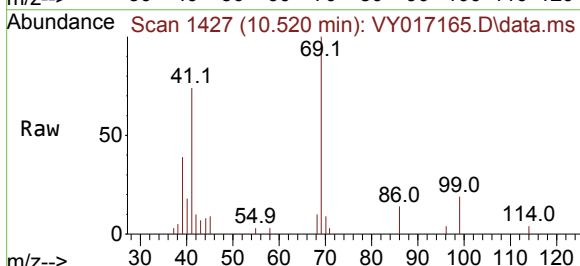
Tgt Ion: 69 Resp: 4752

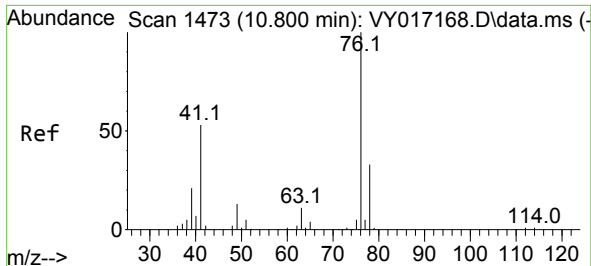
Ion Ratio Lower Upper

69 100

41 67.2 49.2 73.8

39 33.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 4.849 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

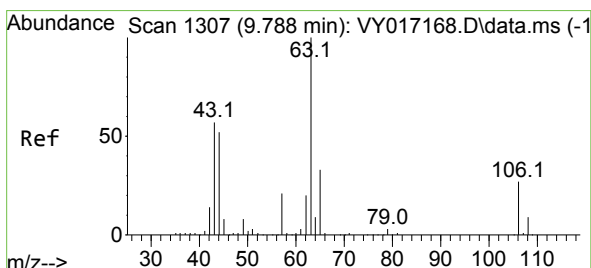
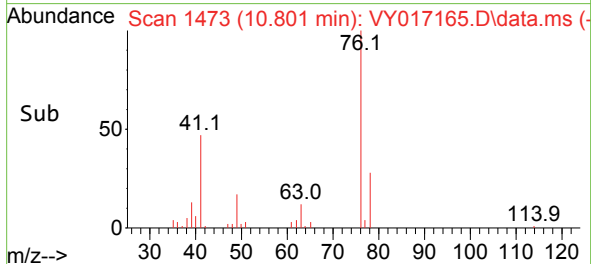
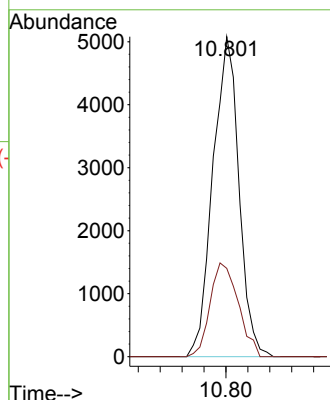
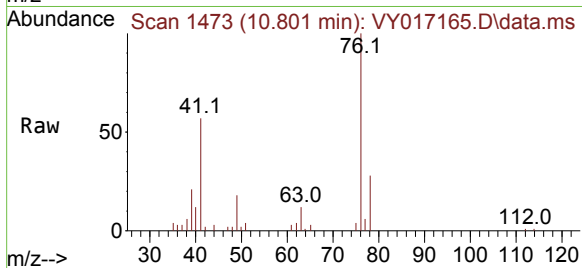
VSTDIC005

Tgt Ion: 76 Resp: 8368

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 20.270 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017165.D

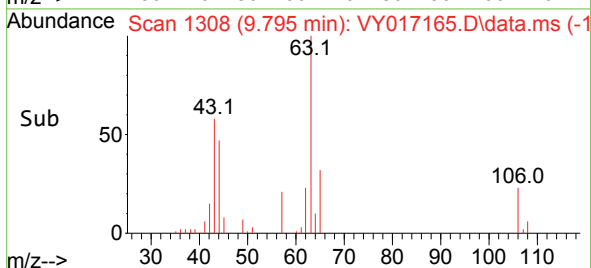
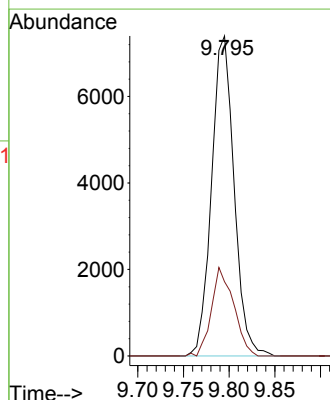
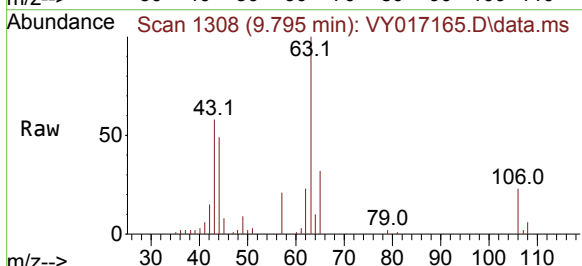
Acq: 01 Feb 2024 13:38

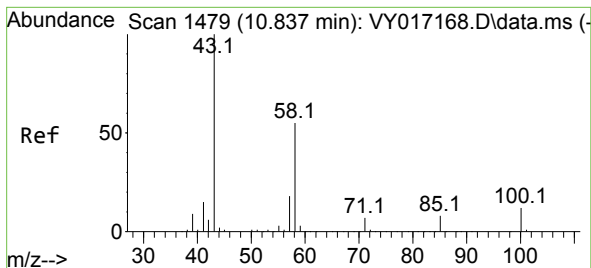
Tgt Ion: 63 Resp: 12669

Ion Ratio Lower Upper

63 100

106 27.3 22.4 33.6

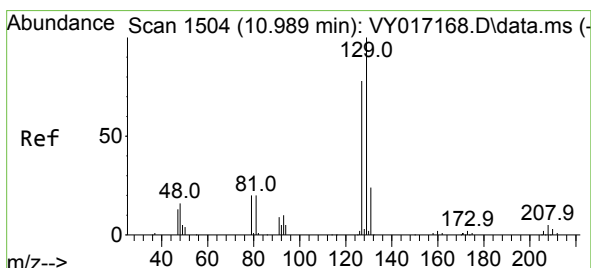
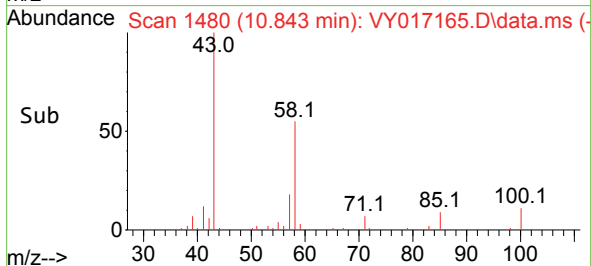
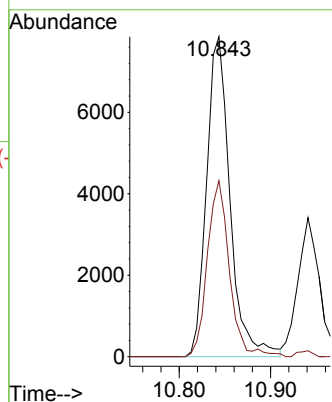
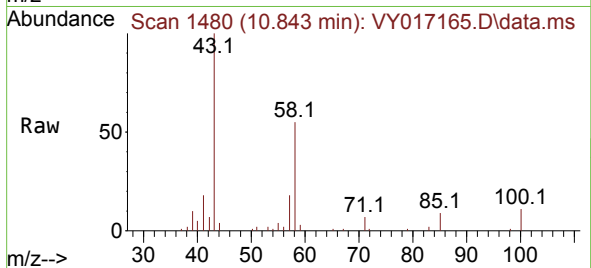




#59
2-Hexanone
Concen: 22.590 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

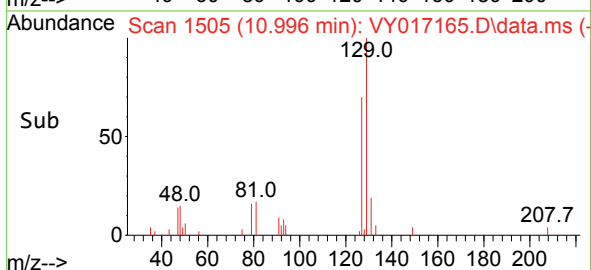
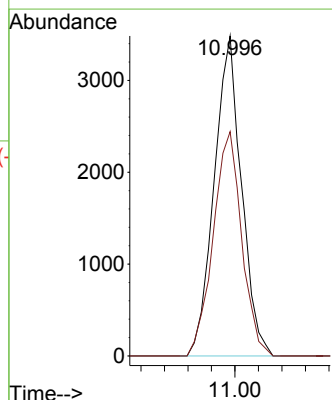
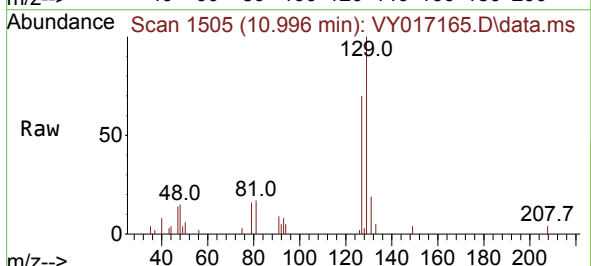
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

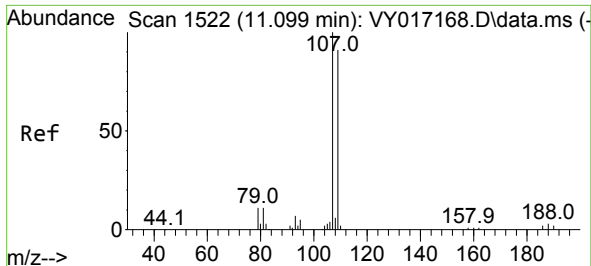
Tgt Ion: 43 Resp: 13991
Ion Ratio Lower Upper
43 100
58 51.8 28.1 84.3



#60
Dibromochloromethane
Concen: 4.769 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.007 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 129 Resp: 5613
Ion Ratio Lower Upper
129 100
127 73.2 39.2 117.6

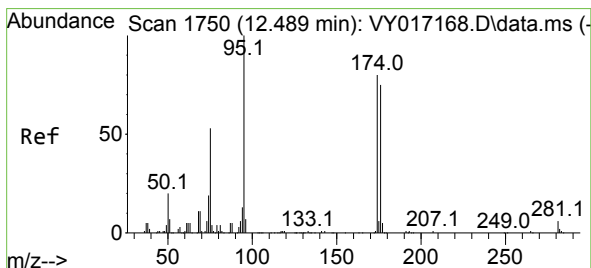
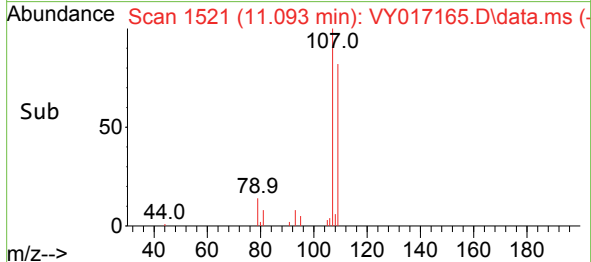
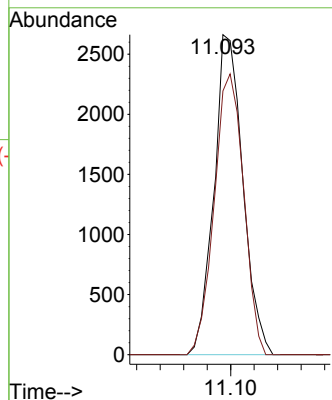
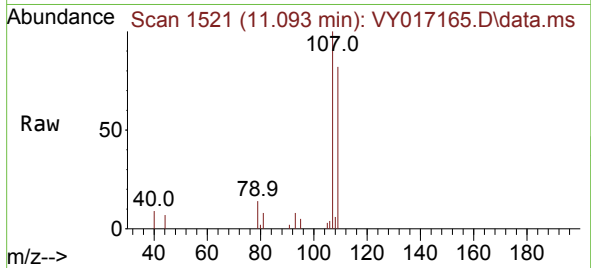




#61
1,2-Dibromoethane
Concen: 4.880 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

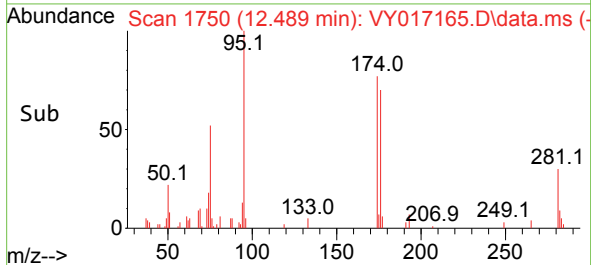
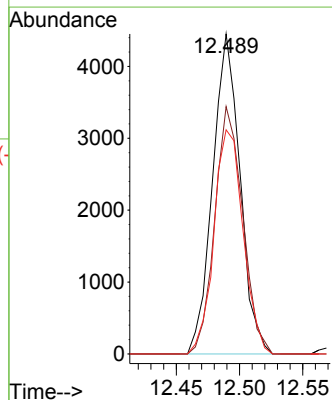
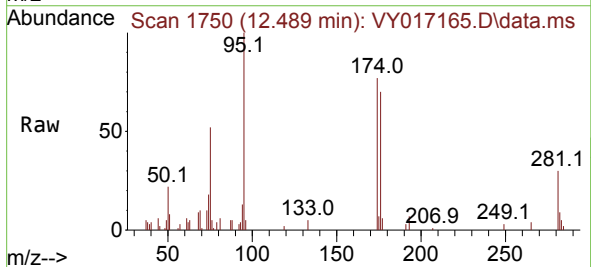
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

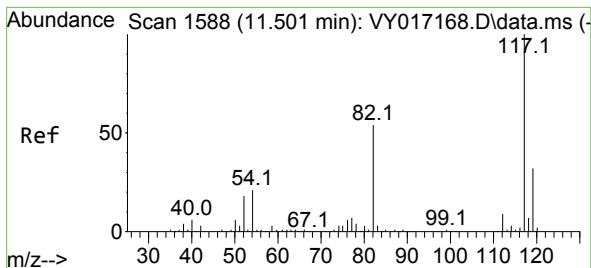
Tgt Ion:107 Resp: 4553
Ion Ratio Lower Upper
107 100
109 89.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 4.965 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 95 Resp: 6681
Ion Ratio Lower Upper
95 100
174 78.9 0.0 160.0
176 74.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

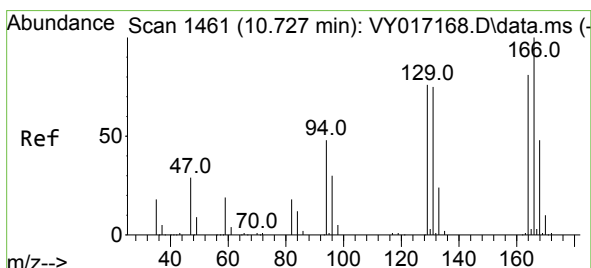
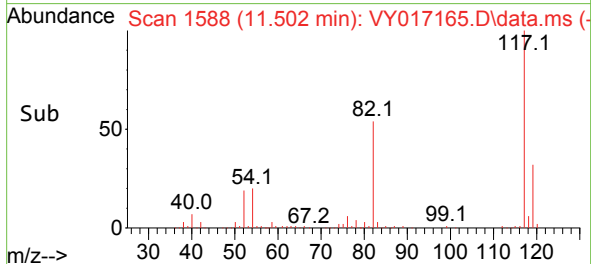
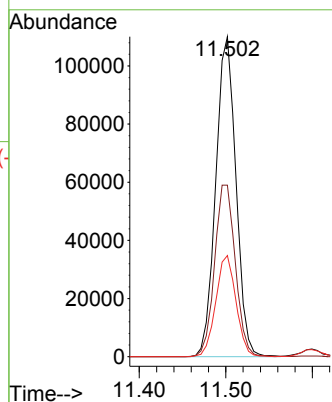
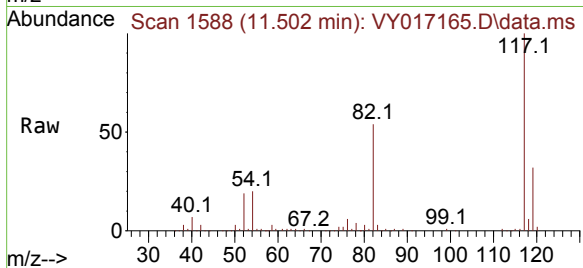
Tgt Ion:117 Resp: 178280

Ion Ratio Lower Upper

117 100

82 53.6 43.8 65.8

119 31.6 26.5 39.7



#64

Tetrachloroethene

Concen: 4.902 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Tgt Ion:164 Resp: 5676

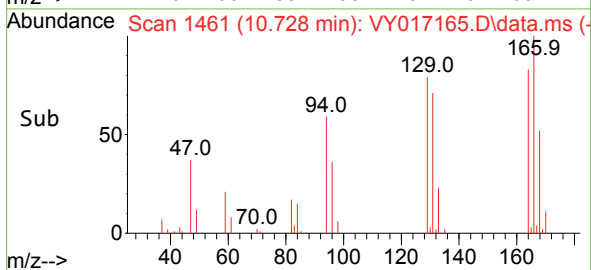
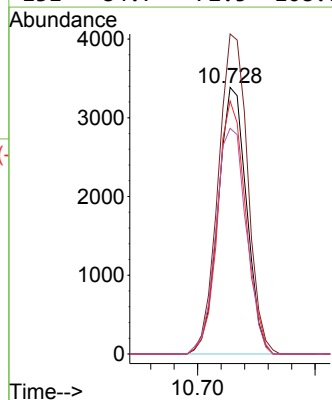
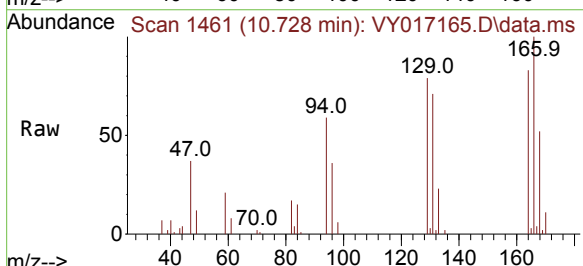
Ion Ratio Lower Upper

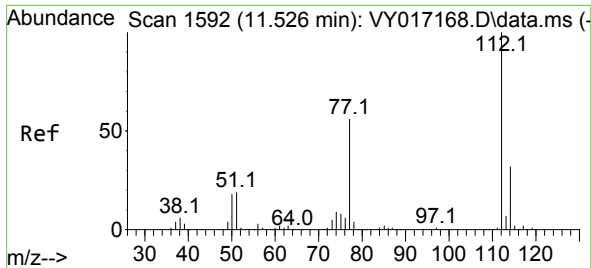
164 100

166 120.1 98.8 148.2

129 94.9 78.9 118.3

131 84.7 72.5 108.7

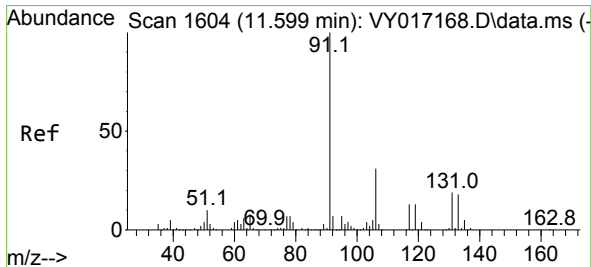
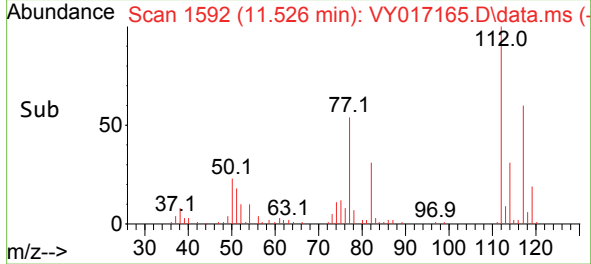
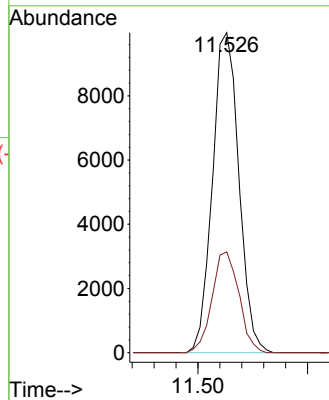
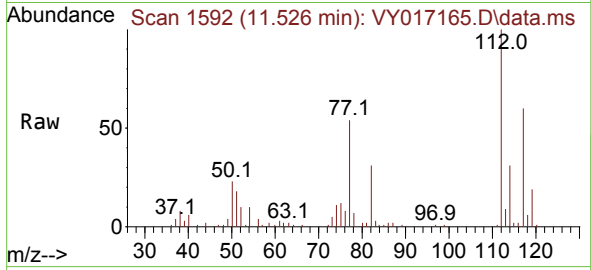




#65
Chlorobenzene
Concen: 4.851 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

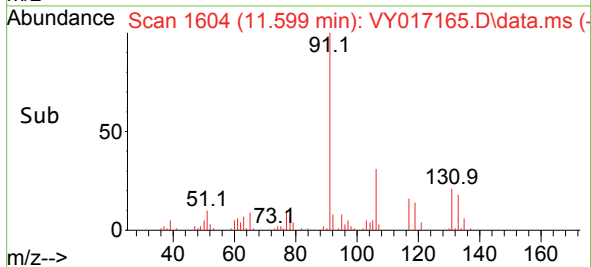
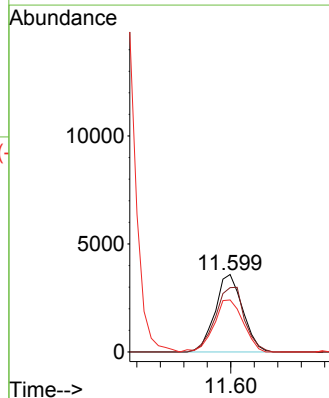
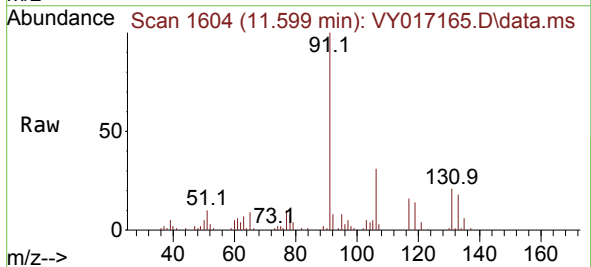
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

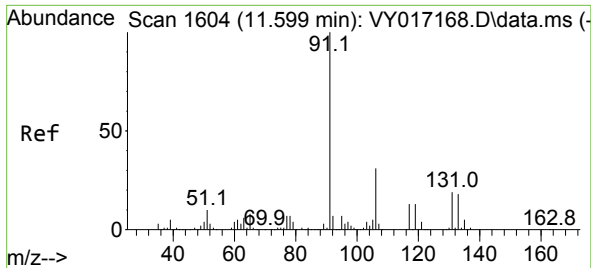
Tgt Ion:112 Resp: 16683
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.671 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.001 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion:131 Resp: 5838
Ion Ratio Lower Upper
131 100
133 88.8 47.0 141.0
119 71.2 33.3 99.9





#67

Ethyl Benzene

Concen: 4.424 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.001 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

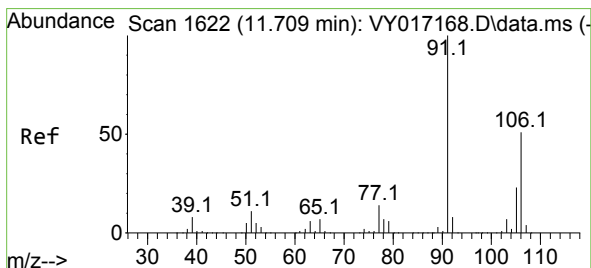
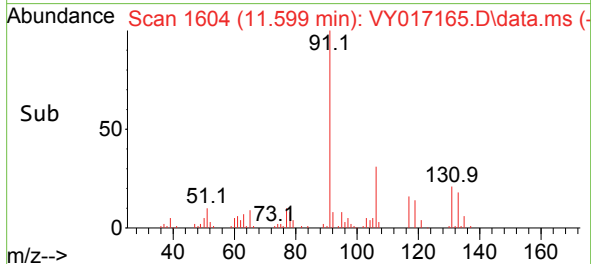
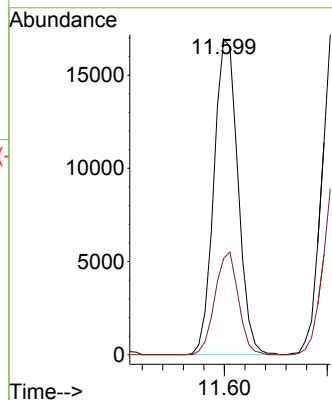
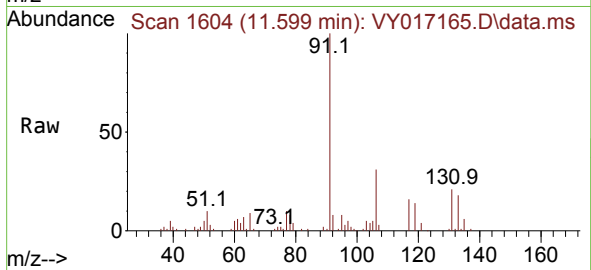
VSTDIC005

Tgt Ion: 91 Resp: 27499

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 8.646 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017165.D

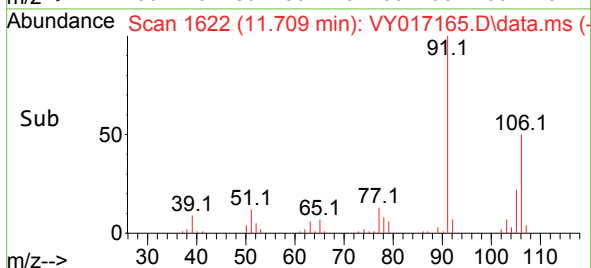
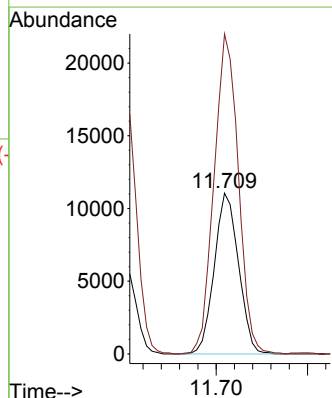
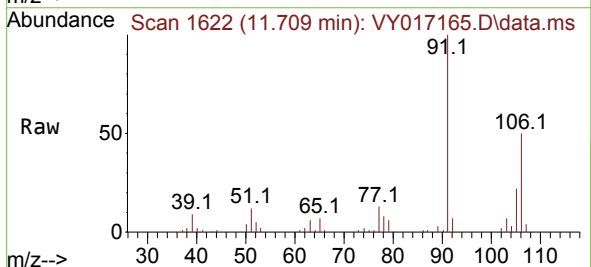
Acq: 01 Feb 2024 13:38

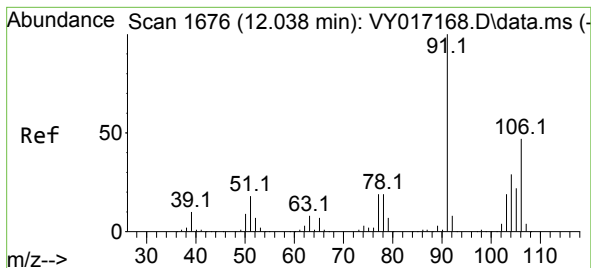
Tgt Ion: 106 Resp: 20393

Ion Ratio Lower Upper

106 100

91 199.4 160.7 241.1





#69

o-Xylene

Concen: 4.194 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

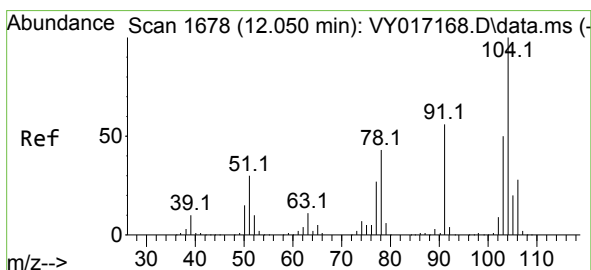
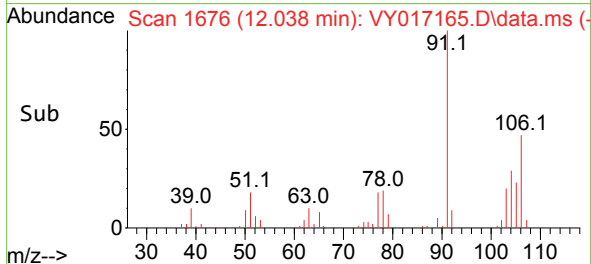
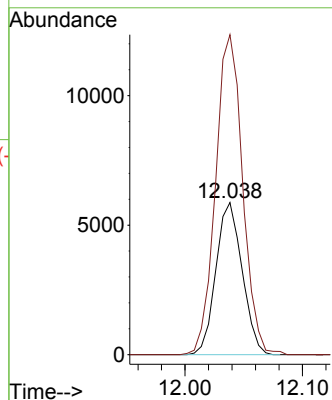
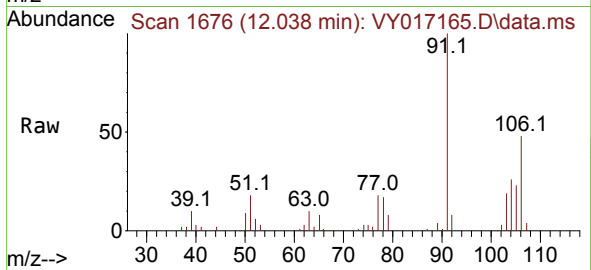
VSTDIC005

Tgt Ion:106 Resp: 9110

Ion Ratio Lower Upper

106 100

91 217.4 106.5 319.5



#70

Styrene

Concen: 3.878 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

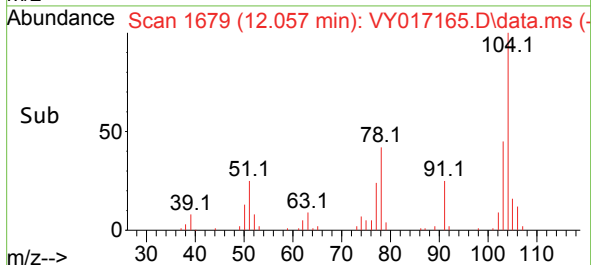
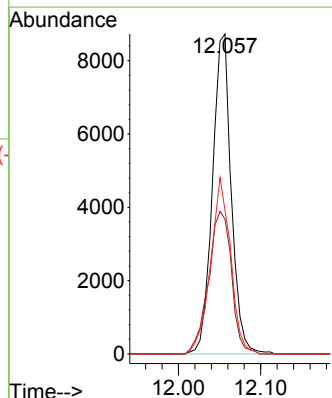
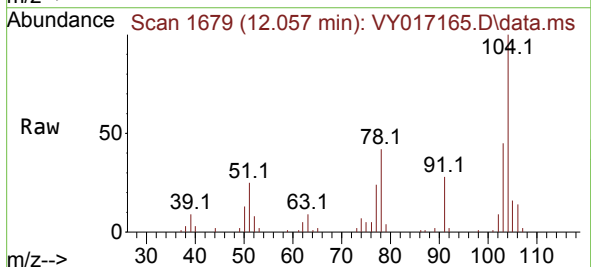
Tgt Ion:104 Resp: 13879

Ion Ratio Lower Upper

104 100

78 54.4 39.2 58.8

103 58.8 43.8 65.6





#71

Bromoform

Concen: 4.534 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

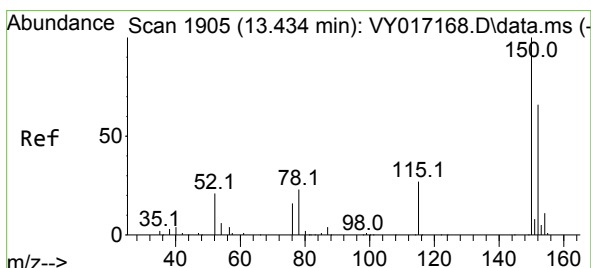
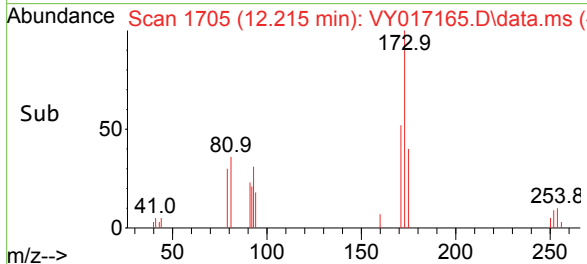
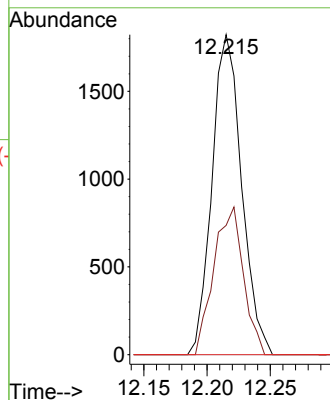
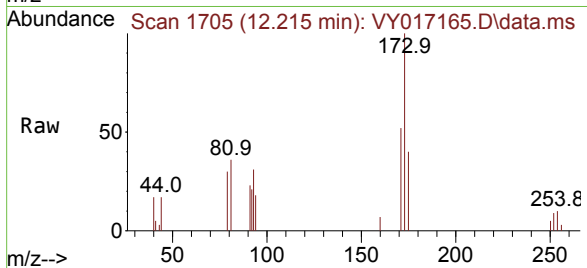
Tgt Ion:173 Resp: 2968

Ion Ratio Lower Upper

173 100

175 46.0 23.5 70.6

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. 0.001 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

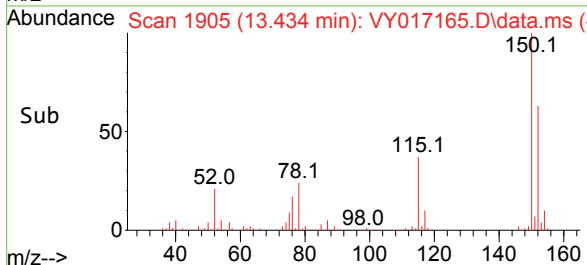
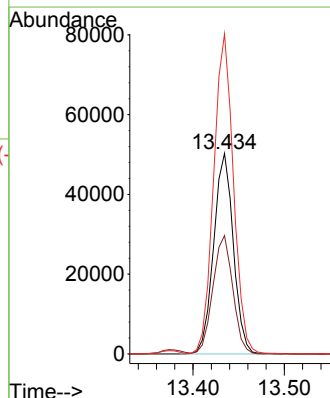
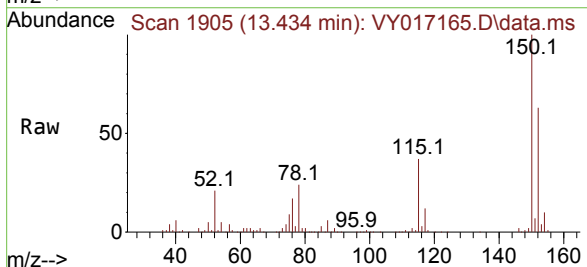
Tgt Ion:152 Resp: 75184

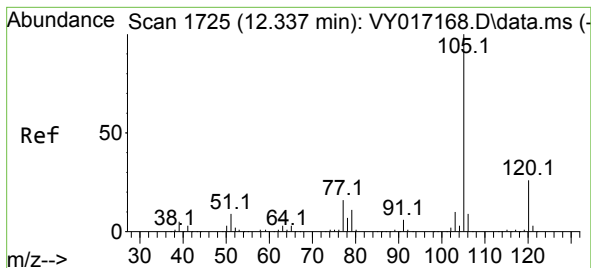
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 160.6 0.0 344.6





#73

Isopropylbenzene

Concen: 4.253 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

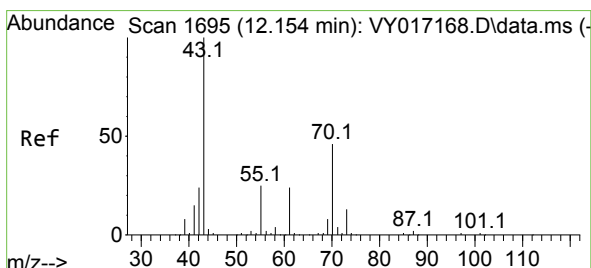
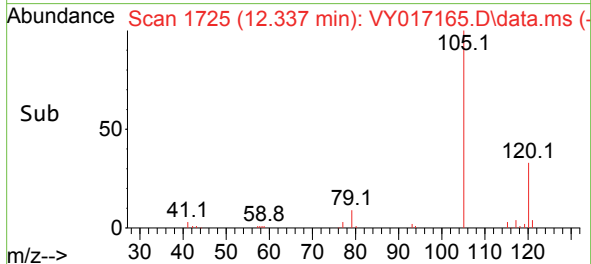
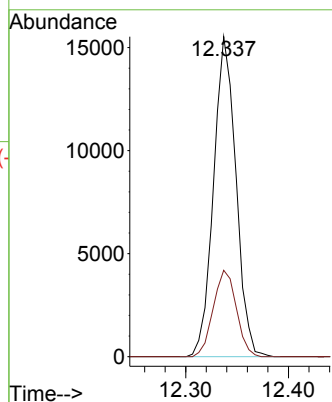
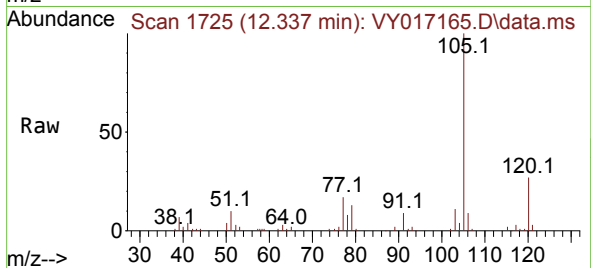
VSTDICC005

Tgt Ion:105 Resp: 23492

Ion Ratio Lower Upper

105 100

120 27.8 13.0 39.0



#74

N-ethyl acetate

Concen: 4.205 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Tgt Ion: 43 Resp: 5218

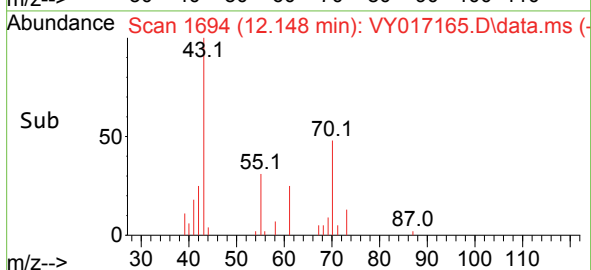
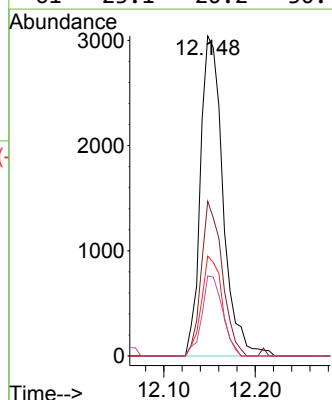
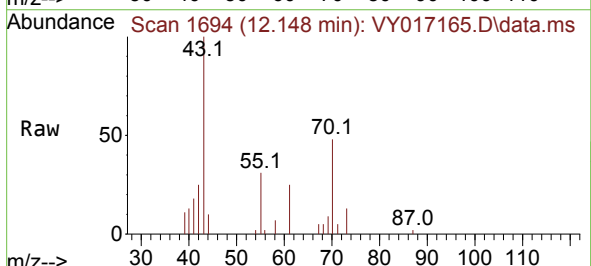
Ion Ratio Lower Upper

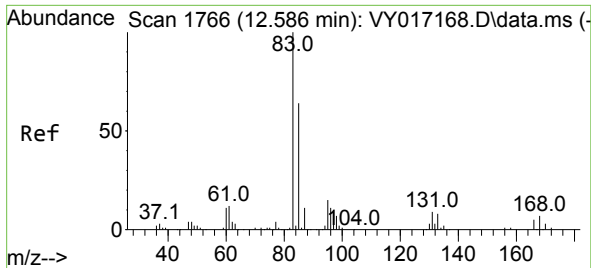
43 100

70 44.7 36.6 55.0

55 28.4 22.2 33.4

61 23.1 20.2 30.4

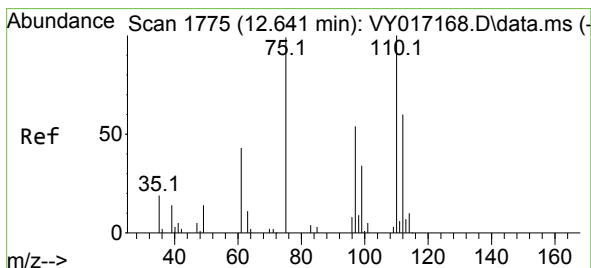
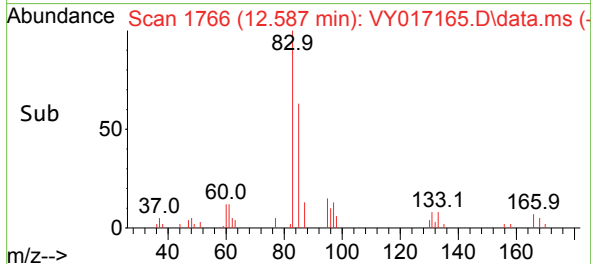
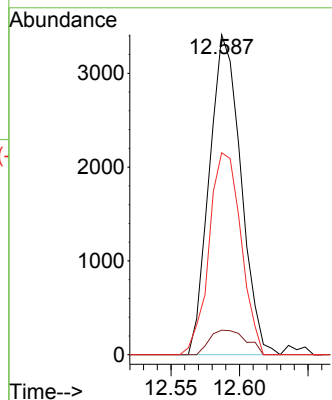
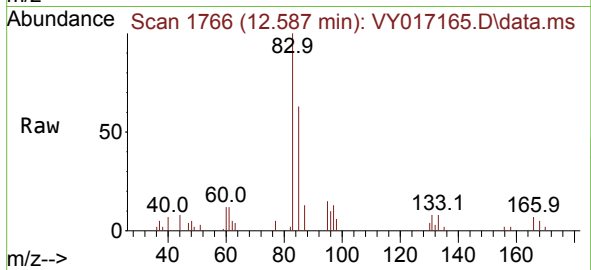




#75
1,1,2,2-Tetrachloroethane
Concen: 5.023 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

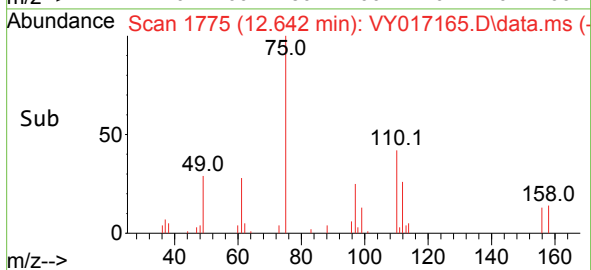
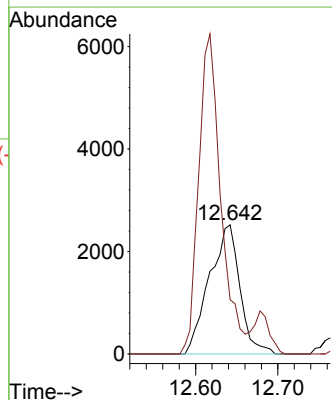
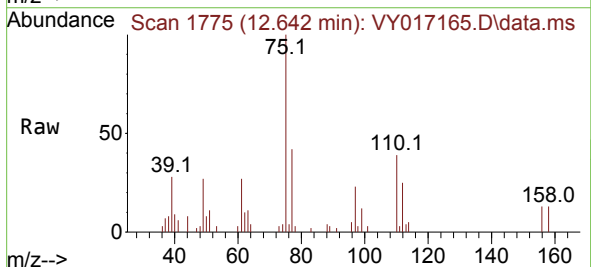
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

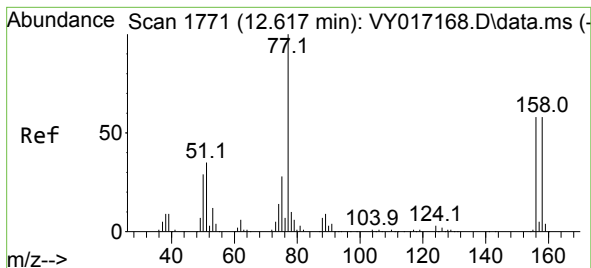
Tgt Ion: 83 Resp: 5457
Ion Ratio Lower Upper
83 100
131 8.9 4.9 14.6
85 63.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 8.751 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 75 Resp: 6480
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.912 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

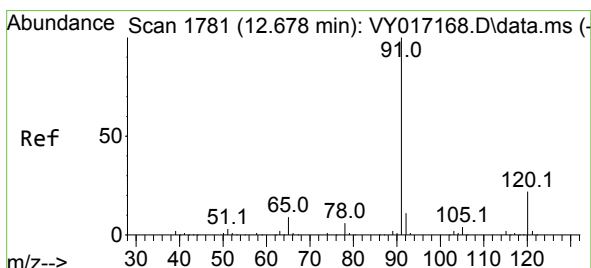
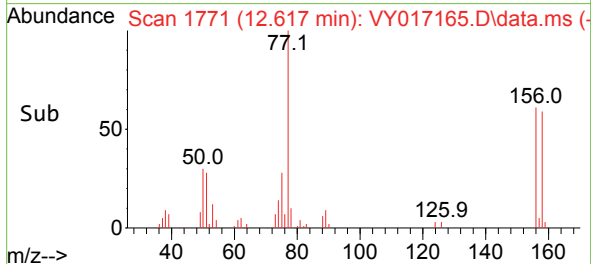
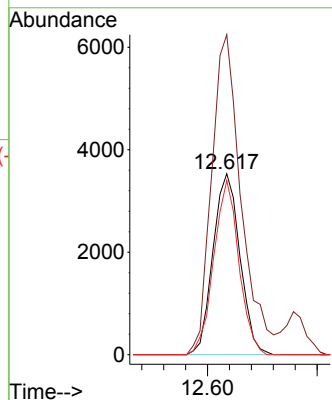
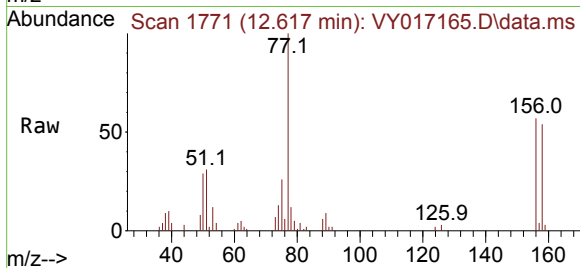
Tgt Ion:156 Resp: 6018

Ion Ratio Lower Upper

156 100

77 194.1 97.3 291.8

158 90.1 48.4 145.0



#78

n-propylbenzene

Concen: 4.415 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017165.D

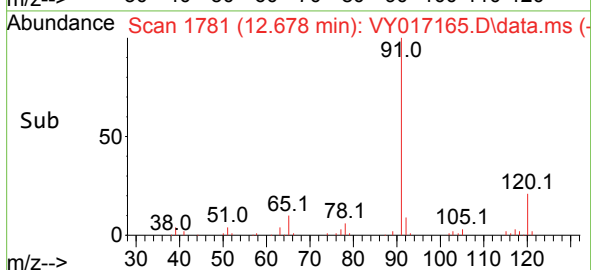
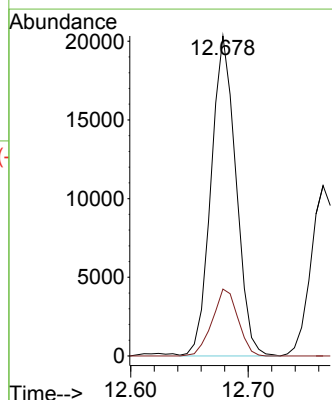
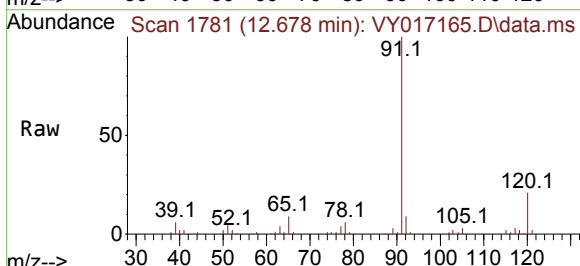
Acq: 01 Feb 2024 13:38

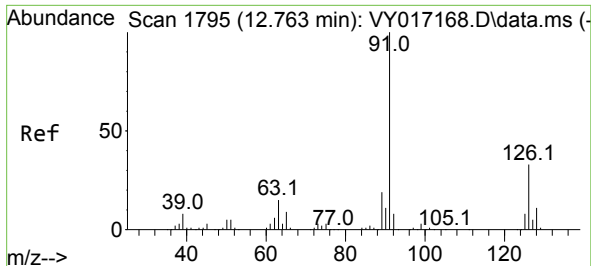
Tgt Ion: 91 Resp: 29947

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

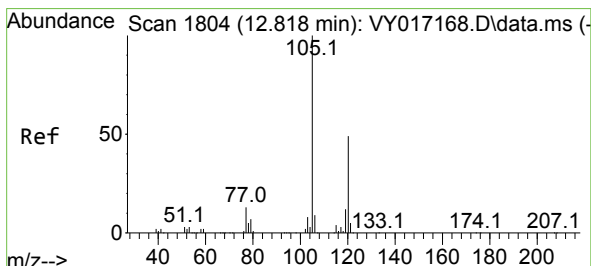
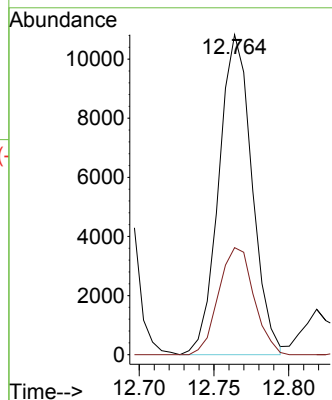
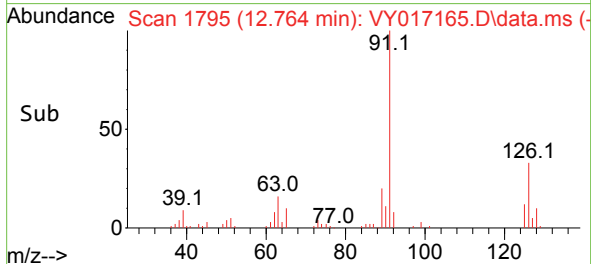
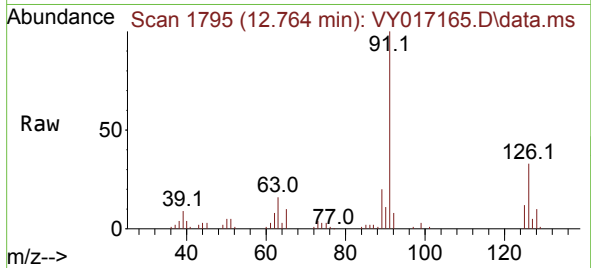




#79
2-Chlorotoluene
Concen: 4.487 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

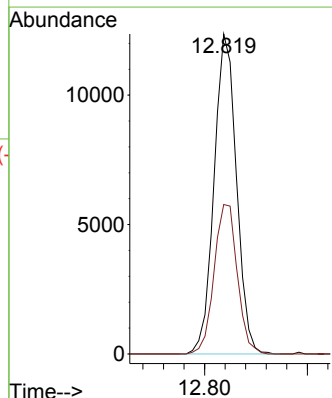
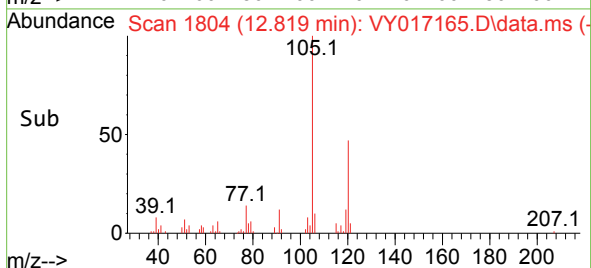
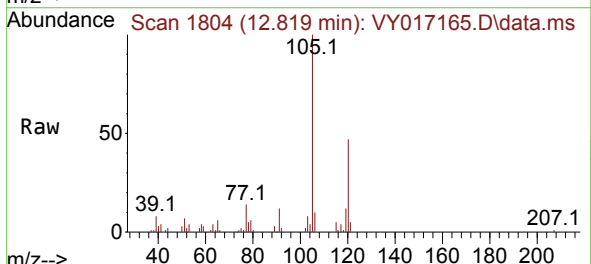
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

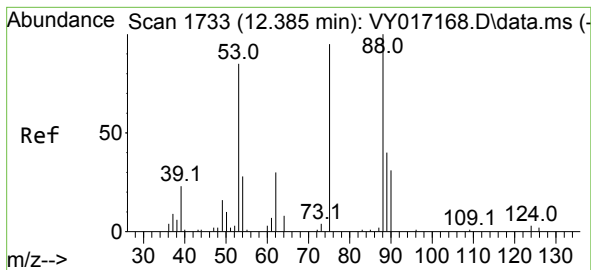
Tgt Ion: 91 Resp: 16734
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 4.242 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 105 Resp: 18636
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

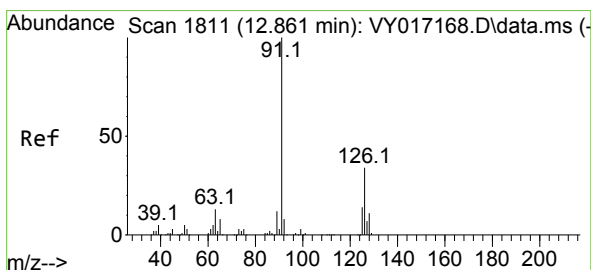
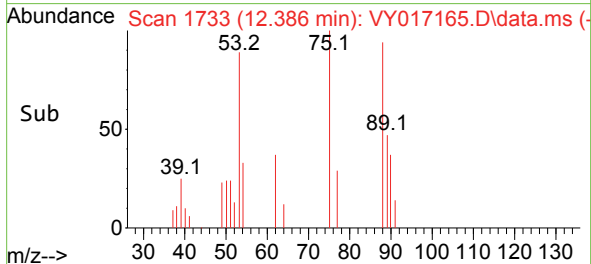
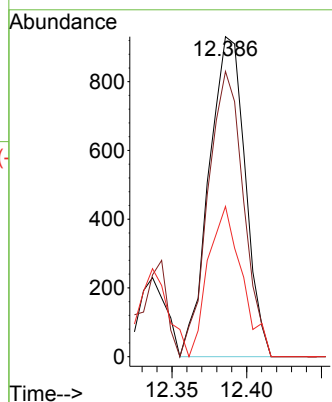
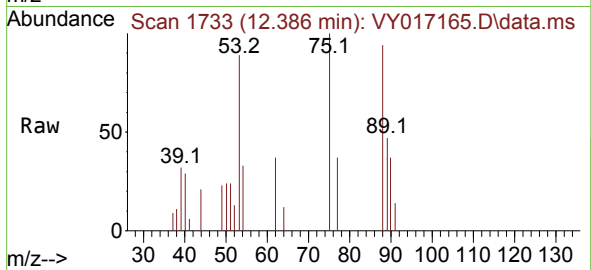




#81
trans-1,4-Dichloro-2-butene
Concen: 4.683 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

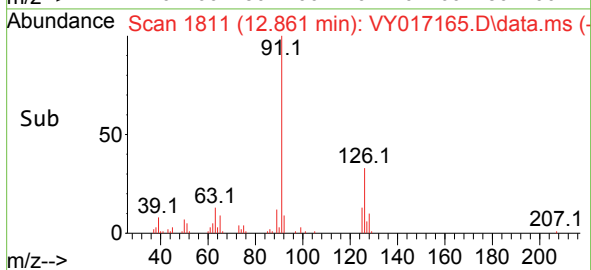
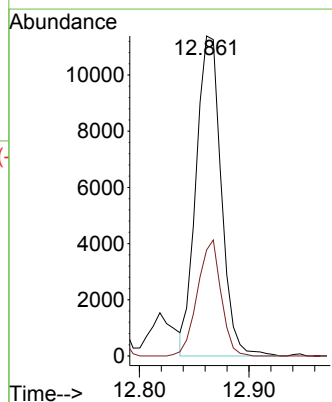
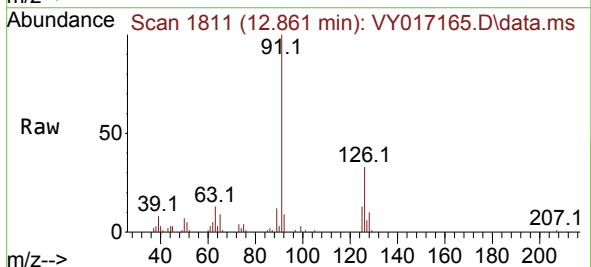
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

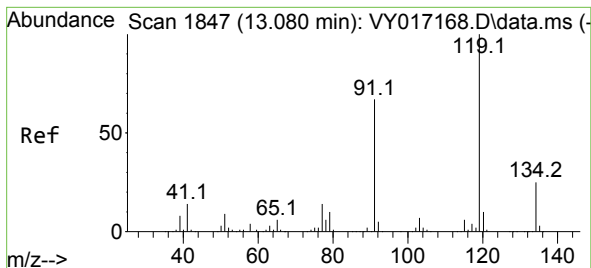
Tgt Ion: 75 Resp: 1564
Ion Ratio Lower Upper
75 100
53 87.3 74.0 111.0
89 43.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 4.734 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017165.D
Acq: 01 Feb 2024 13:38

Tgt Ion: 91 Resp: 18170
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 4.297 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

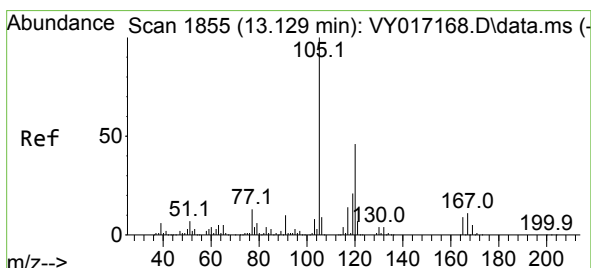
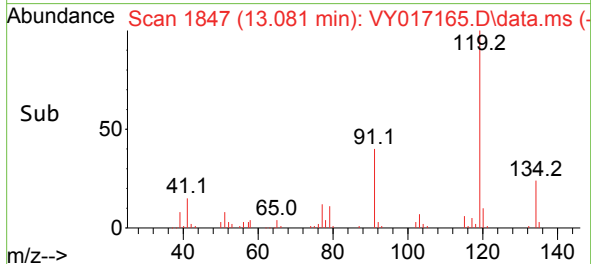
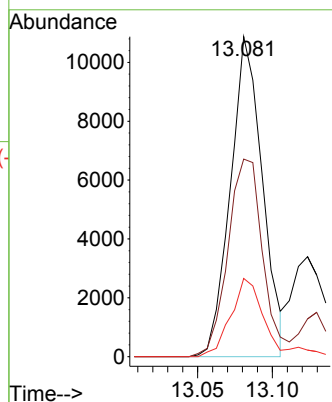
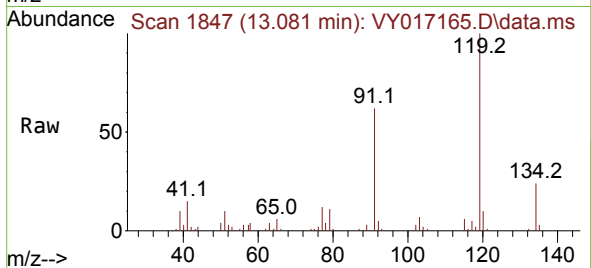
Tgt Ion:119 Resp: 16181

Ion Ratio Lower Upper

119 100

91 67.2 31.5 94.5

134 24.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 4.220 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017165.D

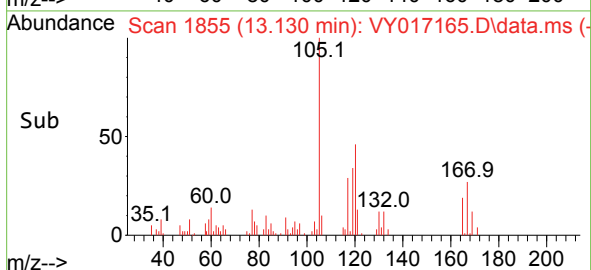
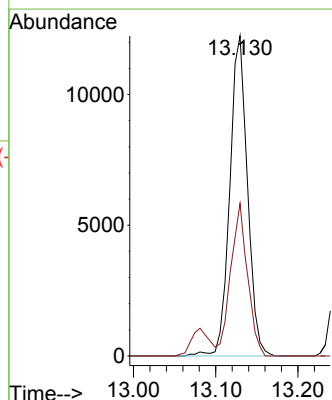
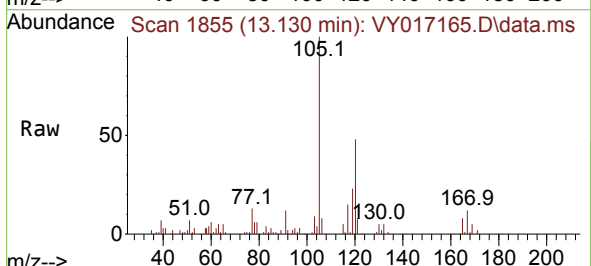
Acq: 01 Feb 2024 13:38

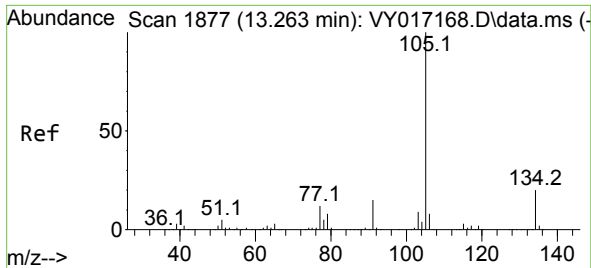
Tgt Ion:105 Resp: 18297

Ion Ratio Lower Upper

105 100

120 45.6 22.1 66.3

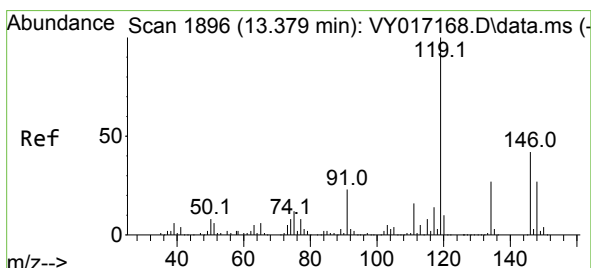
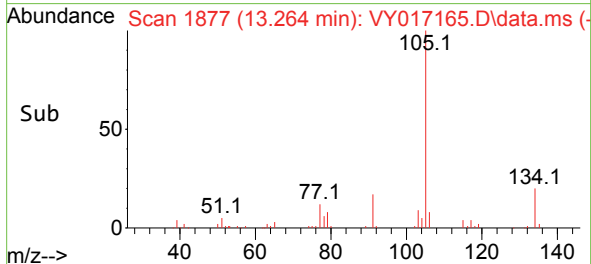
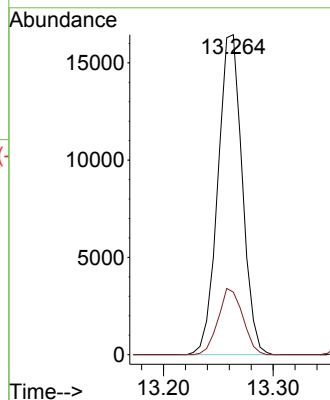
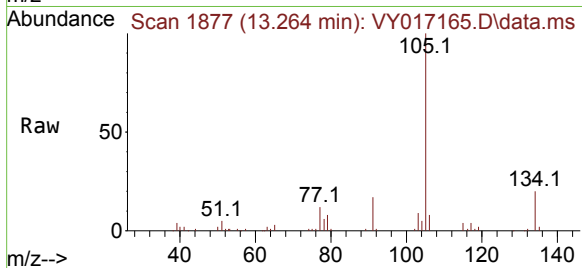




#85
 sec-Butylbenzene
 Concen: 4.312 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.001 min
 Lab File: VY017165.D
 Acq: 01 Feb 2024 13:38

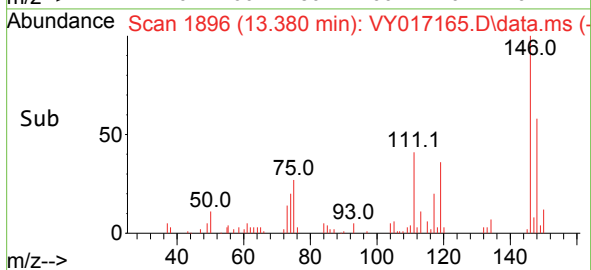
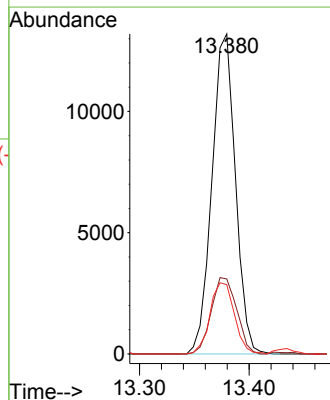
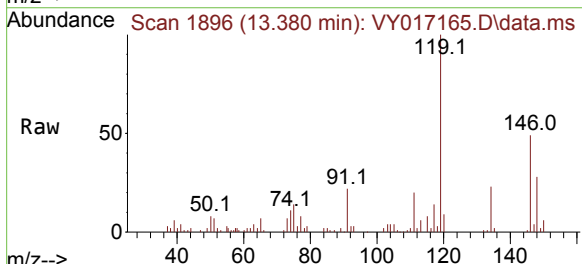
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

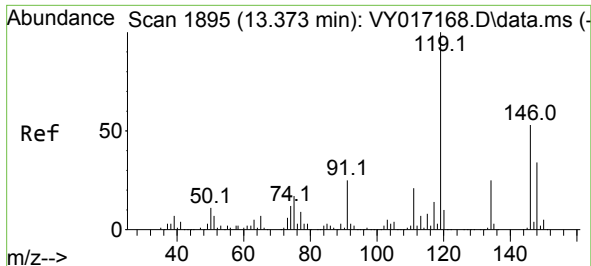
Tgt Ion:105 Resp: 25377
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.179 ug/l
 RT: 13.380 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY017165.D
 Acq: 01 Feb 2024 13:38

Tgt Ion:119 Resp: 19654
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.1 11.7 35.0

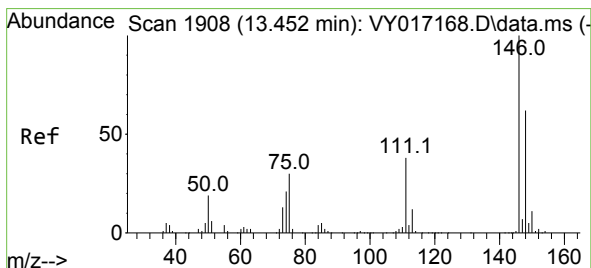
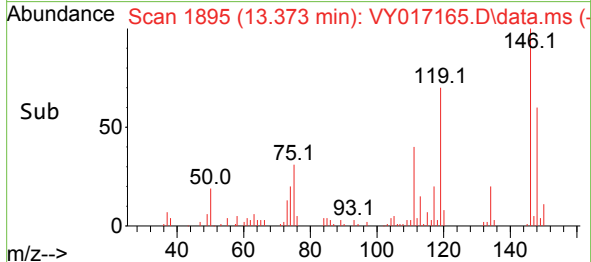
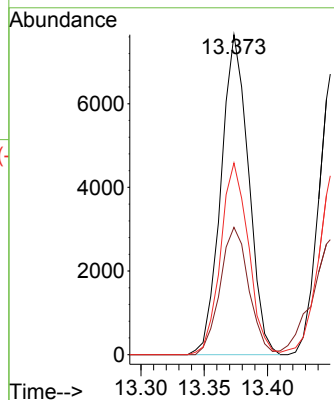
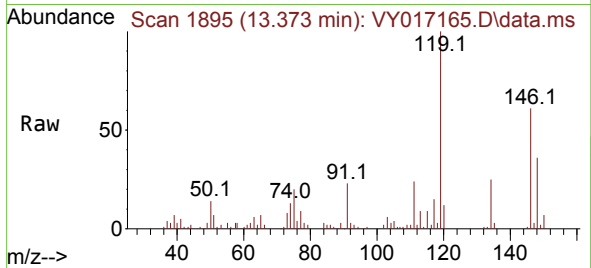




#87
 1,3-Dichlorobenzene
 Concen: 4.743 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017165.D
 Acq: 01 Feb 2024 13:38

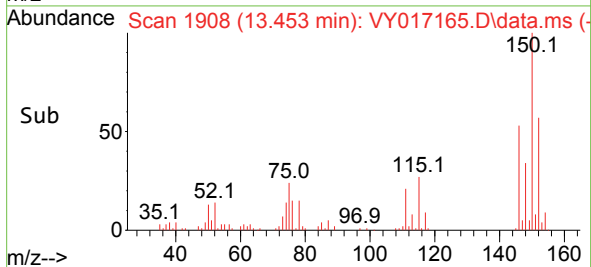
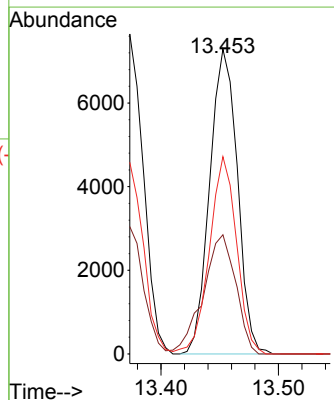
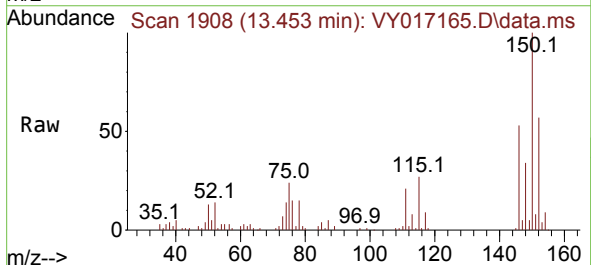
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

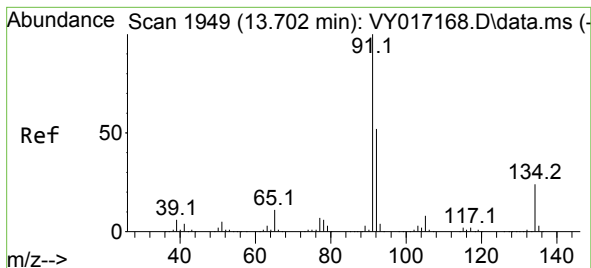
Tgt Ion:146 Resp: 11592
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.2 60.5
 148 60.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 5.026 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY017165.D
 Acq: 01 Feb 2024 13:38

Tgt Ion:146 Resp: 11934
 Ion Ratio Lower Upper
 146 100
 111 46.1 19.3 57.9
 148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 4.335 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

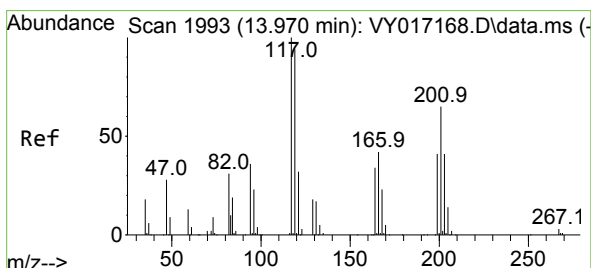
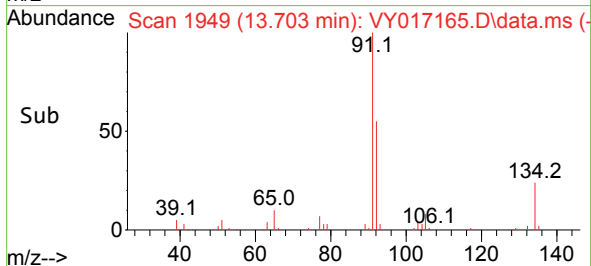
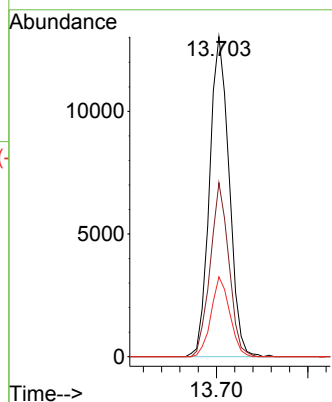
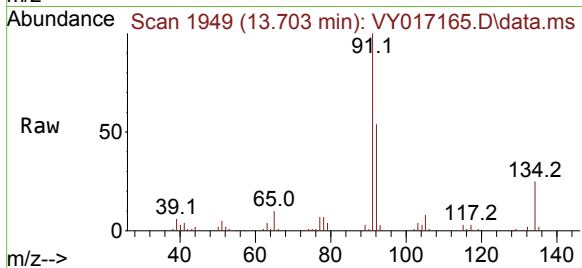
Tgt Ion: 91 Resp: 19382

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 23.7 12.3 36.8



#90

Hexachloroethane

Concen: 4.890 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017165.D

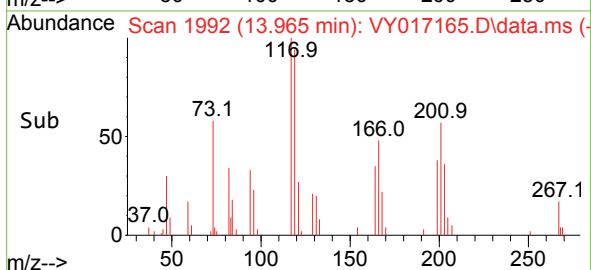
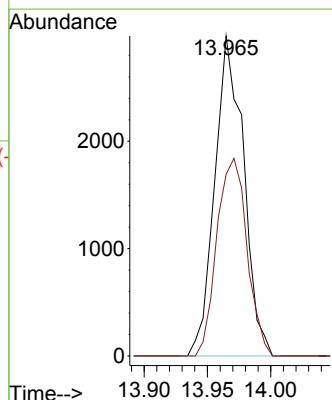
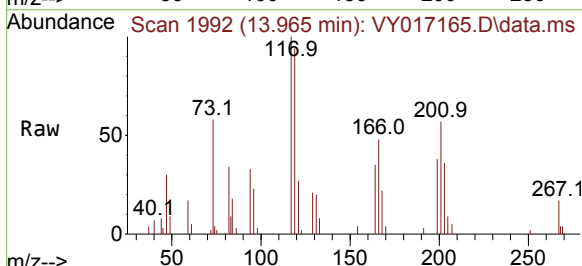
Acq: 01 Feb 2024 13:38

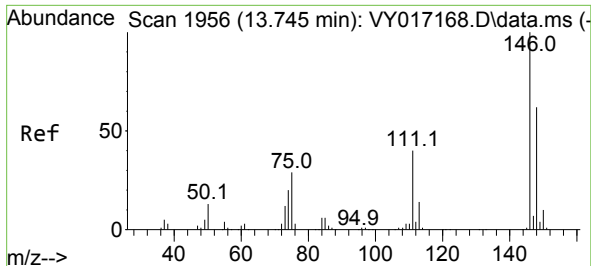
Tgt Ion: 117 Resp: 4721

Ion Ratio Lower Upper

117 100

201 64.6 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 4.815 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

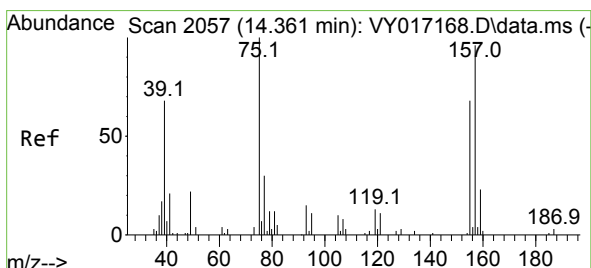
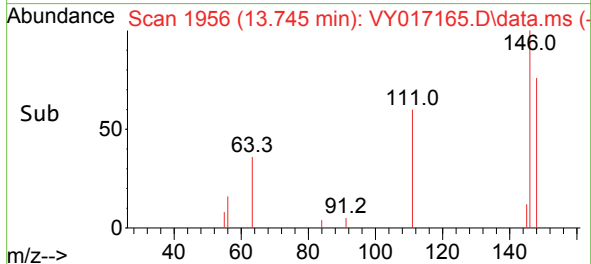
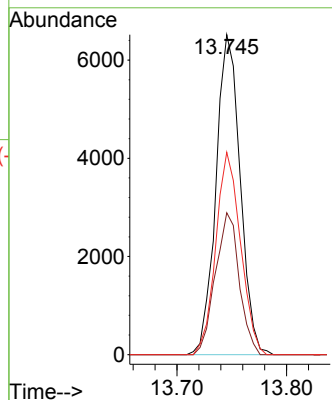
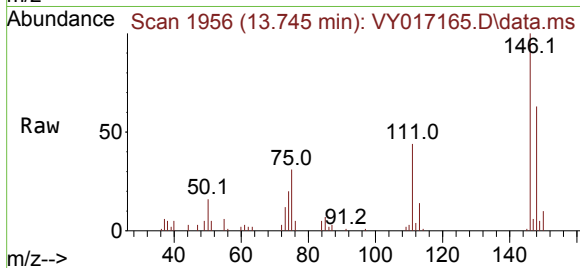
Tgt Ion:146 Resp: 10018

Ion Ratio Lower Upper

146 100

111 43.7 20.5 61.6

148 64.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.982 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

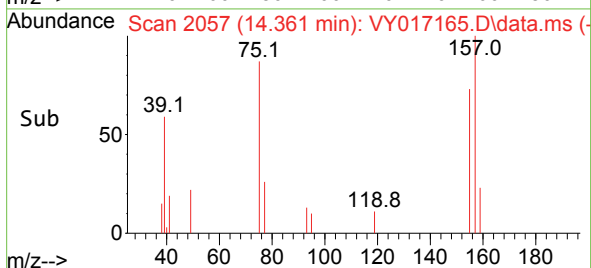
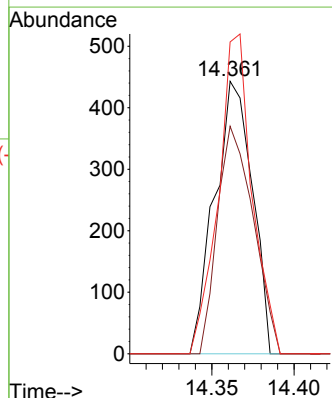
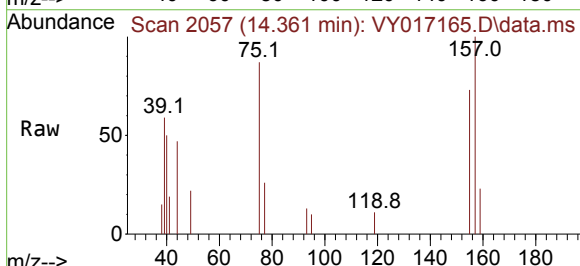
Tgt Ion: 75 Resp: 705

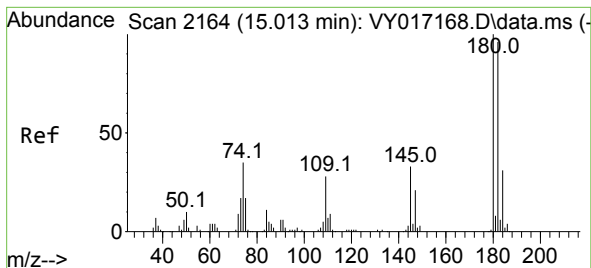
Ion Ratio Lower Upper

75 100

155 79.7 42.1 126.3

157 105.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 4.442 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

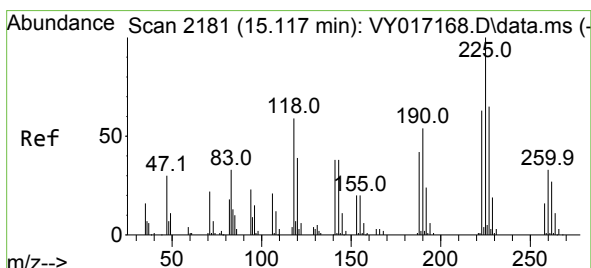
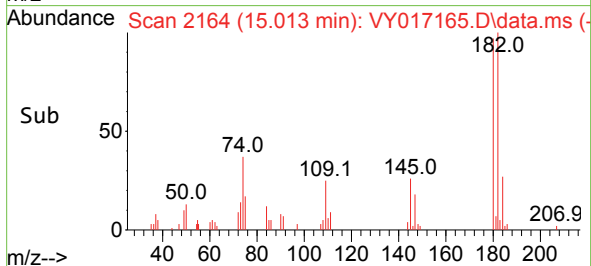
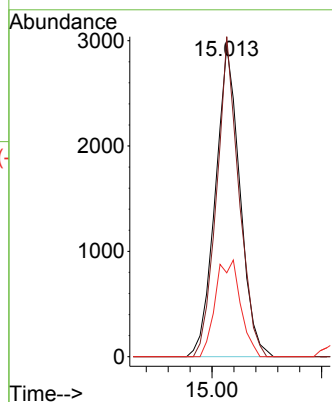
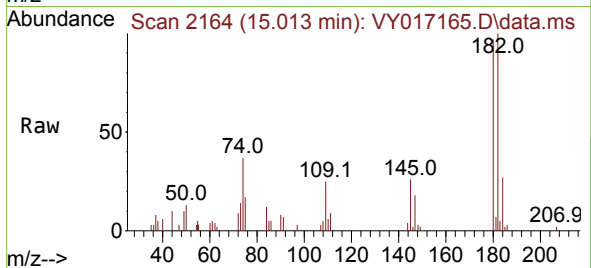
Tgt Ion:180 Resp: 4591

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.7

145 31.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 4.967 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

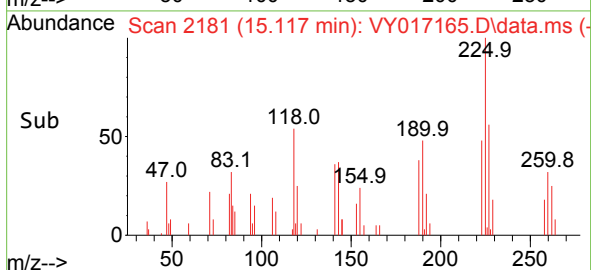
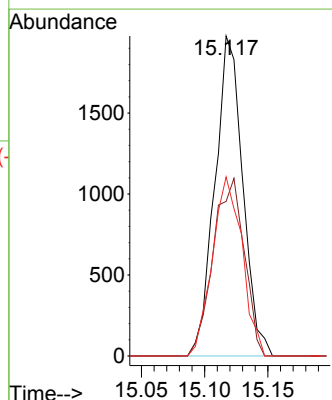
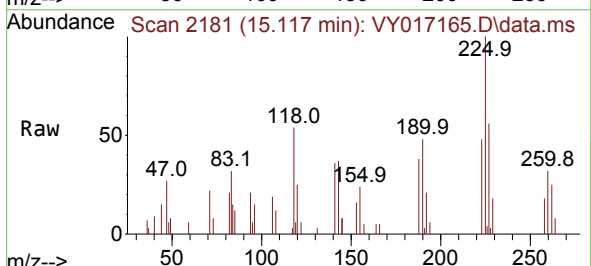
Tgt Ion:225 Resp: 3023

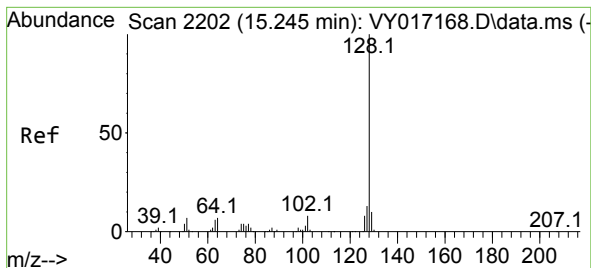
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.3

227 59.7 32.3 96.8





#95

Naphthalene

Concen: 6.893 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

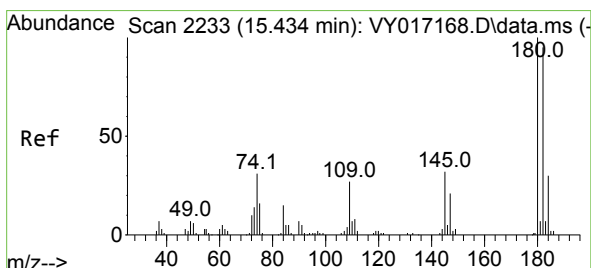
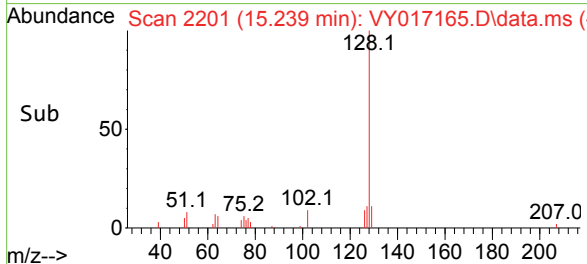
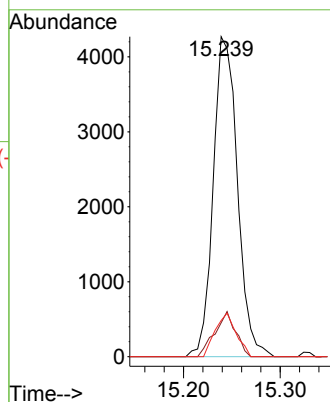
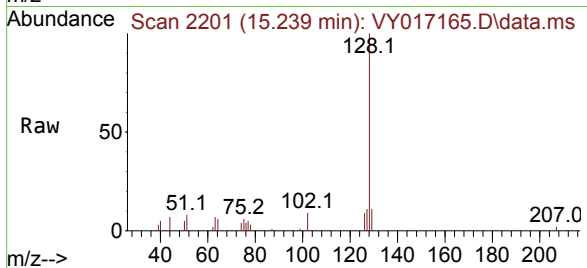
Tgt Ion:128 Resp: 7408

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 11.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.174 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017165.D

Acq: 01 Feb 2024 13:38

Tgt Ion:180 Resp: 3669

Ion Ratio Lower Upper

180 100

182 97.6 46.3 138.8

145 35.1 16.1 48.2

