

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017469.D
 Acq On : 23 Feb 2024 17:10
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 24 04:48:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27075	17.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.740%#
35) Dibromofluoromethane	7.722	113	31071	17.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	35.800%#
50) Toluene-d8	10.185	98	107842	17.774	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	35.540%#
62) 4-Bromofluorobenzene	12.483	95	33719	17.683	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24950	21.161	ug/l	95
3) Chloromethane	2.107	50	45067	20.920	ug/l	97
4) Vinyl Chloride	2.247	62	56388	20.403	ug/l	97
5) Bromomethane	2.637	94	46637	20.707	ug/l	98
6) Chloroethane	2.784	64	36049	20.677	ug/l	99
7) Trichlorofluoromethane	3.113	101	58724	20.848	ug/l	100
8) Diethyl Ether	3.528	74	16905	20.463	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	32628	20.139	ug/l	99
10) Methyl Iodide	4.088	142	36095	19.851	ug/l	98
11) Tert butyl alcohol	4.960	59	14130	109.813	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	30469	20.179	ug/l	98
13) Acrolein	3.729	56	16931	99.723	ug/l	100
14) Allyl chloride	4.472	41	36849	20.198	ug/l	97
15) Acrylonitrile	5.167	53	33978	100.050	ug/l	99
16) Acetone	3.948	43	29567	100.633	ug/l	95
17) Carbon Disulfide	4.192	76	93176	20.559	ug/l	99
18) Methyl Acetate	4.479	43	13297	18.654	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	69744	19.818	ug/l	96
20) Methylene Chloride	4.710	84	40512	20.204	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	35658	20.170	ug/l	98
22) Diisopropyl ether	6.119	45	85328	20.268	ug/l	98
23) Vinyl Acetate	6.058	43	250437	99.828	ug/l	99
24) 1,1-Dichloroethane	6.015	63	57354	19.941	ug/l	99
25) 2-Butanone	6.990	43	40664	97.116	ug/l	96
26) 2,2-Dichloropropane	6.978	77	47668	19.712	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	39407	19.853	ug/l	99
28) Bromochloromethane	7.338	49	23729	20.948	ug/l	97
29) Tetrahydrofuran	7.356	42	24807	98.282	ug/l	99
30) Chloroform	7.508	83	62188	20.308	ug/l	98
31) Cyclohexane	7.789	56	48539	19.690	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	54204	20.389	ug/l	99
36) 1,1-Dichloropropene	7.923	75	47198	20.158	ug/l	99
37) Ethyl Acetate	7.076	43	18397	19.894	ug/l #	97
38) Carbon Tetrachloride	7.899	117	46707	19.904	ug/l	96
39) Methylcyclohexane	9.185	83	54867	19.499	ug/l	97
40) Benzene	8.161	78	140110	20.150	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8874	19.123	ug/l	96
42) 1,2-Dichloroethane	8.240	62	34277	20.205	ug/l	98
43) Isopropyl Acetate	8.277	43	32028	19.709	ug/l	99
44) Trichloroethene	8.941	130	40373	20.145	ug/l	94
45) 1,2-Dichloropropane	9.216	63	33498	20.249	ug/l	99
46) Dibromomethane	9.307	93	19094	20.168	ug/l	97
47) Bromodichloromethane	9.502	83	46026	20.022	ug/l	96
48) Methyl methacrylate	9.295	41	14049	18.677	ug/l	94
49) 1,4-Dioxane	9.301	88	4142	386.578	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	89444	98.759	ug/l	99
52) Toluene	10.246	92	88666	20.228	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	42829	20.073	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	51562	19.888	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	27240	20.265	ug/l	97
56) Ethyl methacrylate	10.514	69	28935	19.147	ug/l	98
57) 1,3-Dichloropropane	10.794	76	44076	20.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	74243	95.714	ug/l	99
59) 2-Hexanone	10.837	43	63008	101.284	ug/l	99
60) Dibromochloromethane	10.990	129	31872	20.043	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25070	20.238	ug/l	99
64) Tetrachloroethene	10.721	164	43849	20.764	ug/l	98
65) Chlorobenzene	11.520	112	94609	20.259	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	34719	19.845	ug/l	98
67) Ethyl Benzene	11.599	91	161844	19.761	ug/l	99
68) m/p-Xylenes	11.709	106	128111	39.809	ug/l	100
69) o-Xylene	12.032	106	58891	19.725	ug/l	100
70) Styrene	12.050	104	98048	19.785	ug/l	99
71) Bromoform	12.209	173	18989	19.587	ug/l #	98
73) Isopropylbenzene	12.337	105	156088	20.351	ug/l	100
74) N-amyl acetate	12.148	43	26792	19.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	25499	19.360	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34140	34.805	ug/l #	100
77) Bromobenzene	12.611	156	37222	20.040	ug/l	96
78) n-propylbenzene	12.678	91	189938	20.639	ug/l	100
79) 2-Chlorotoluene	12.758	91	104089	20.202	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	124597	20.277	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8502	19.916	ug/l	94
82) 4-Chlorotoluene	12.855	91	108388	20.567	ug/l	99
83) tert-Butylbenzene	13.081	119	108330	20.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	126877	20.915	ug/l	98
85) sec-Butylbenzene	13.257	105	167296	20.279	ug/l	100
86) p-Isopropyltoluene	13.373	119	134774	19.957	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	73951	19.836	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	73408	20.253	ug/l	98
89) n-Butylbenzene	13.703	91	124217	20.161	ug/l	99
90) Hexachloroethane	13.965	117	27543	20.344	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	63453	20.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3724	20.113	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	33596	20.169	ug/l	100
94) Hexachlorobutadiene	15.117	225	21328	20.739	ug/l	98
95) Naphthalene	15.239	128	54989	19.618	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	29055	20.333	ug/l	99

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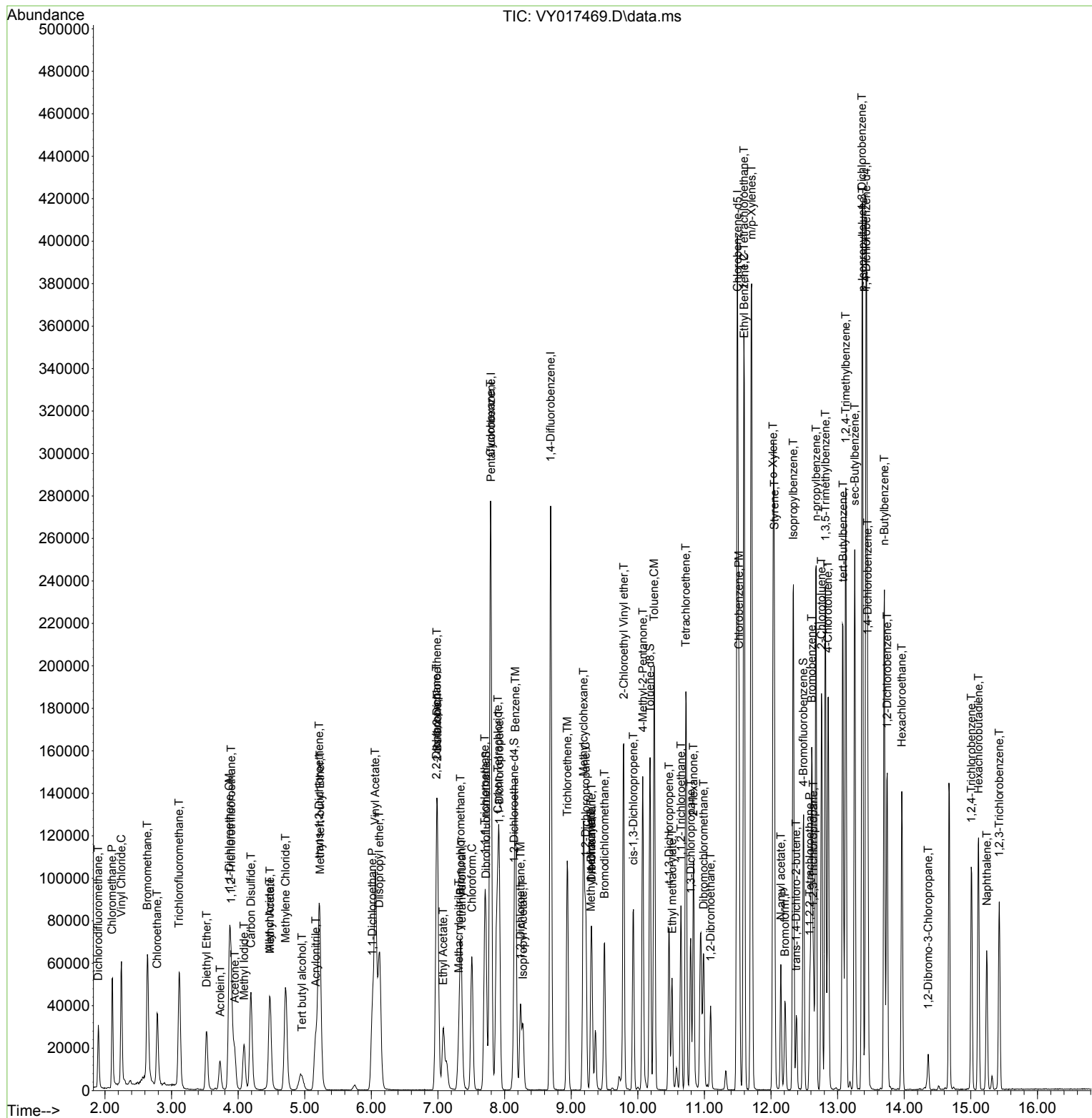
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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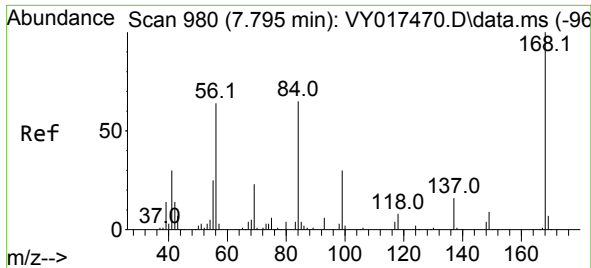
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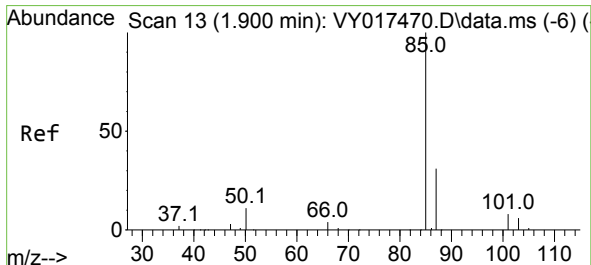
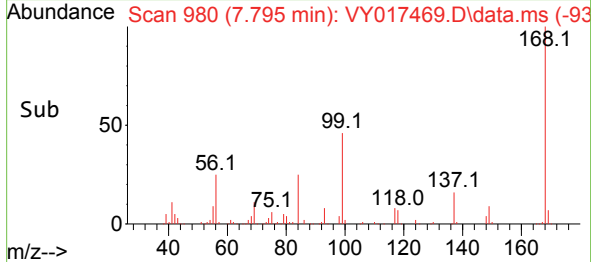
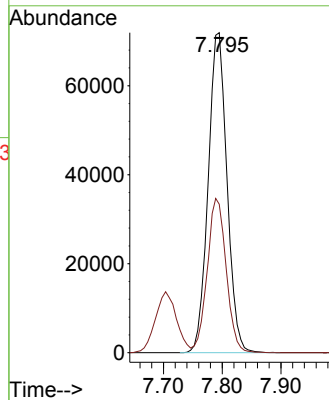
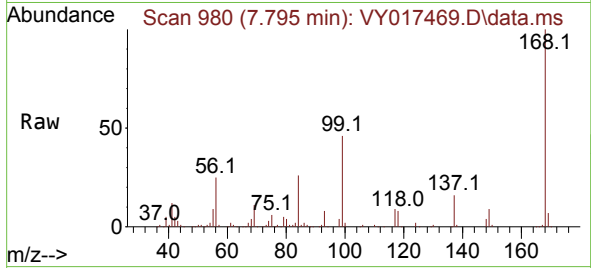




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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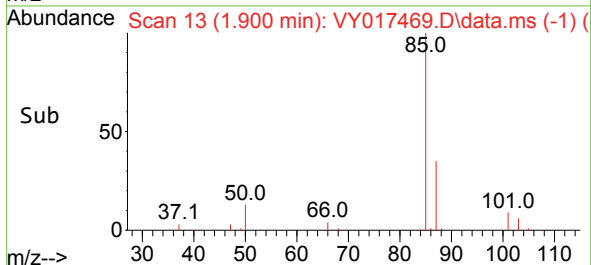
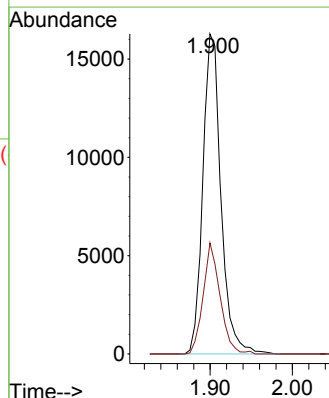
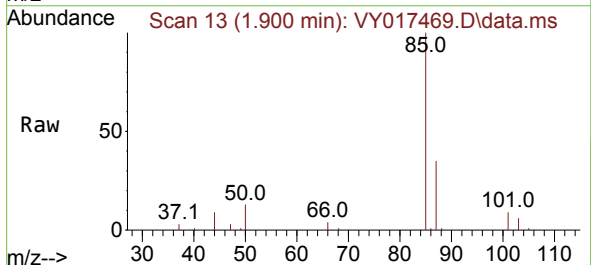
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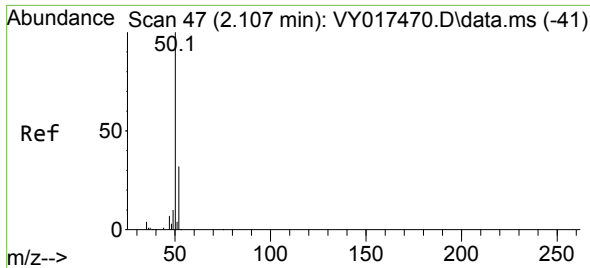
Tgt Ion:168 Resp: 159835
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.161 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 85 Resp: 24950
Ion Ratio Lower Upper
85 100
87 34.7 16.0 48.0

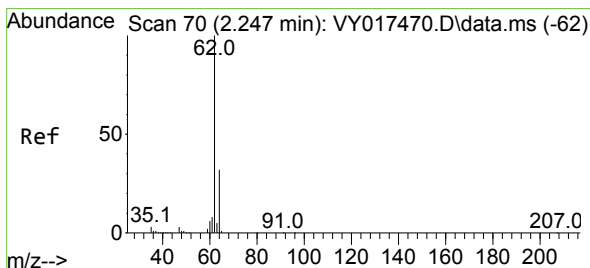
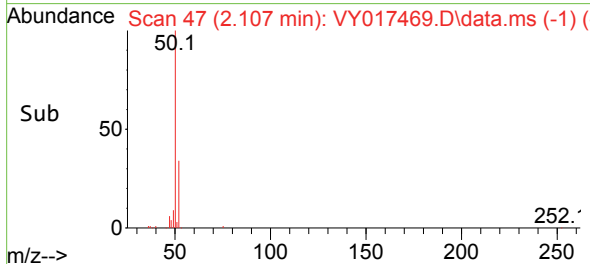
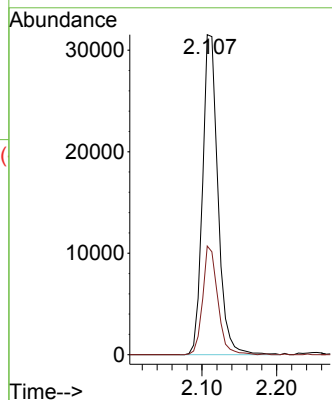
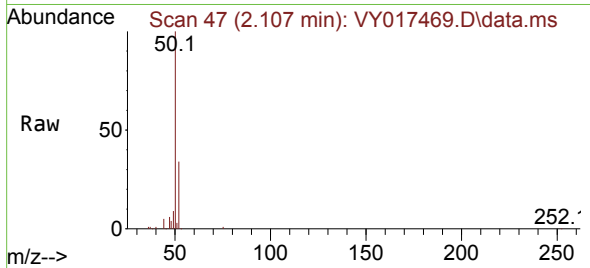




#3
Chloromethane
Concen: 20.920 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

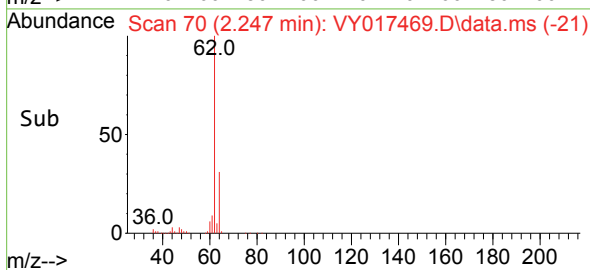
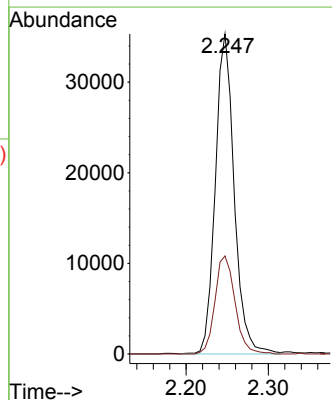
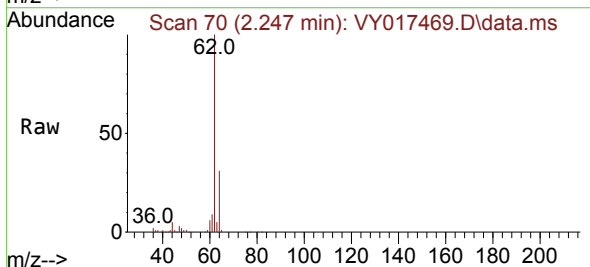
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ClientSampleId :
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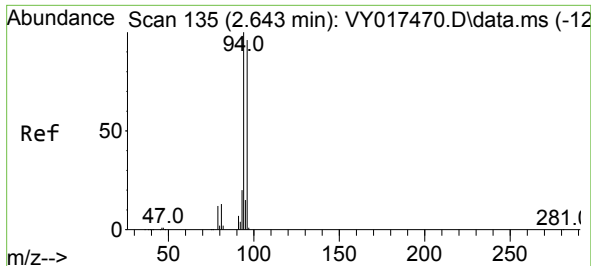
Tgt Ion: 50 Resp: 45067
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 20.403 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 62 Resp: 56388
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1

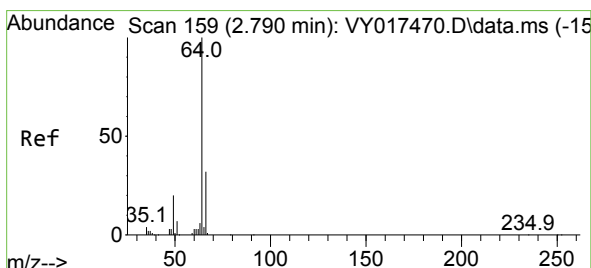
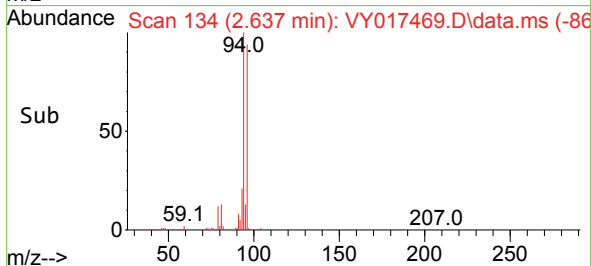
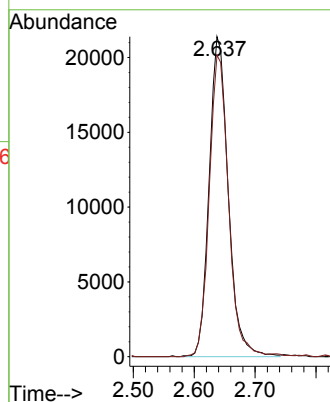
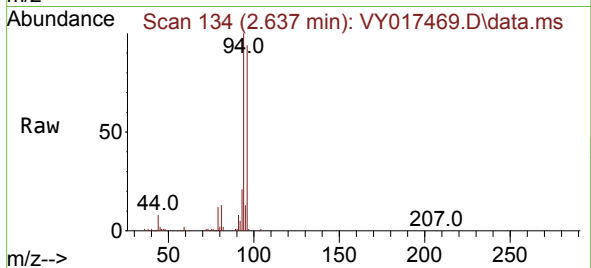




#5
Bromomethane
Concen: 20.707 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017469.D
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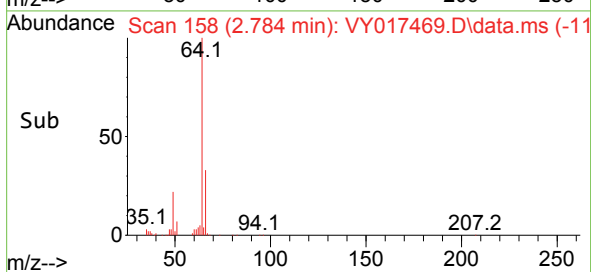
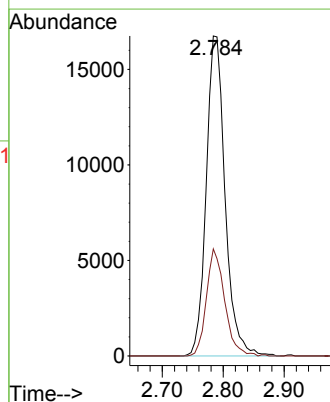
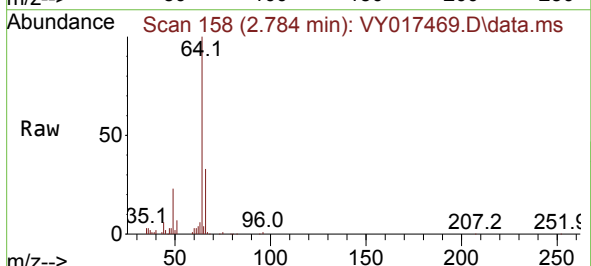
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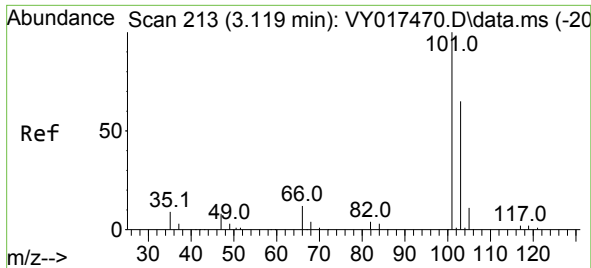
Tgt Ion: 94 Resp: 46637
Ion Ratio Lower Upper
94 100
96 94.2 74.1 111.1



#6
Chloroethane
Concen: 20.677 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017469.D
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Tgt Ion: 64 Resp: 36049
Ion Ratio Lower Upper
64 100
66 33.4 26.1 39.1

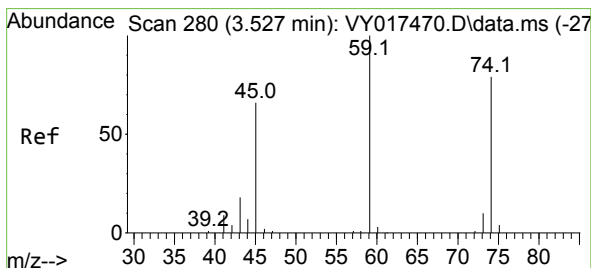
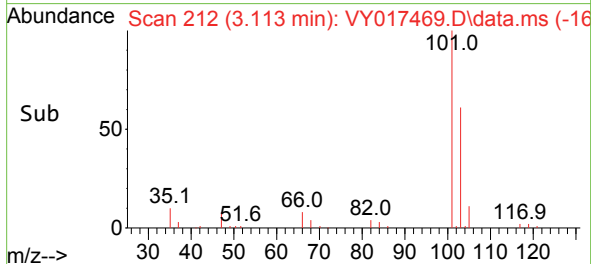
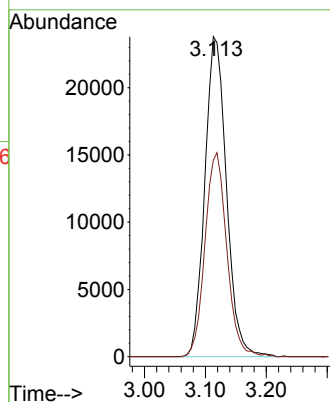
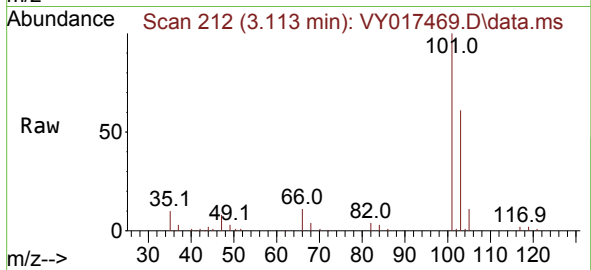




#7
 Trichlorofluoromethane
 Concen: 20.848 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY017469.D
 Acq: 23 Feb 2024 17:10

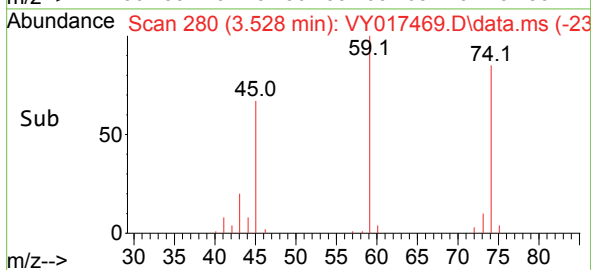
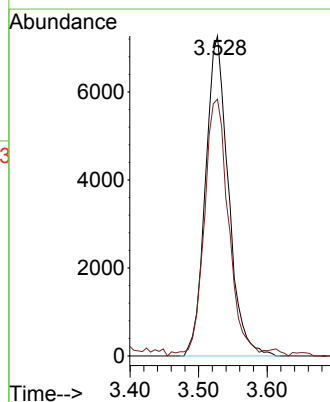
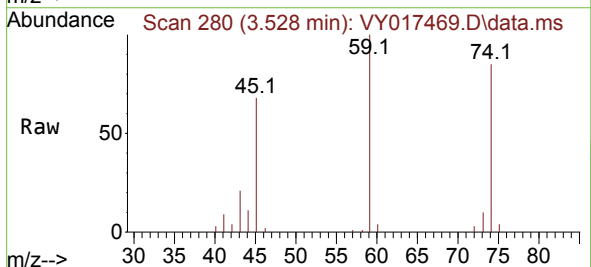
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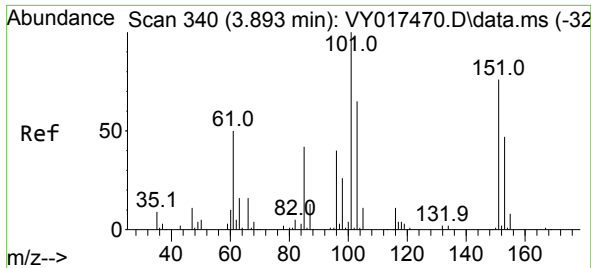
Tgt Ion:101 Resp: 58724
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.463 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 16905
 Ion Ratio Lower Upper
 74 100
 45 83.1 41.3 124.1

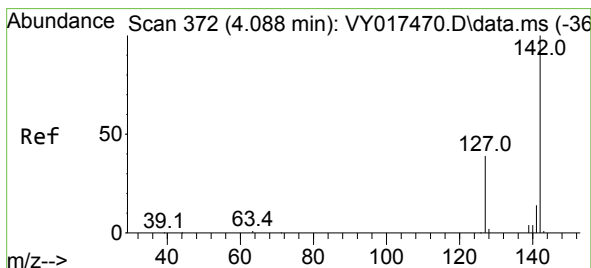
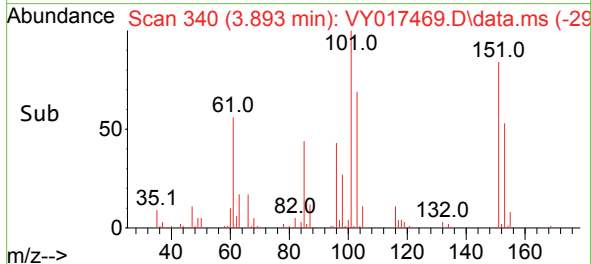
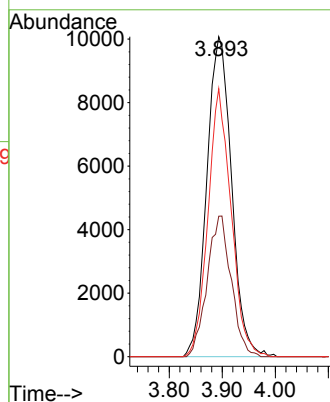
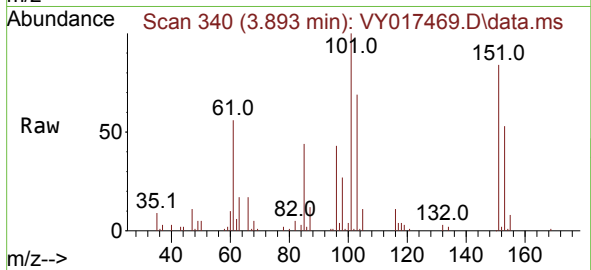




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.139 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

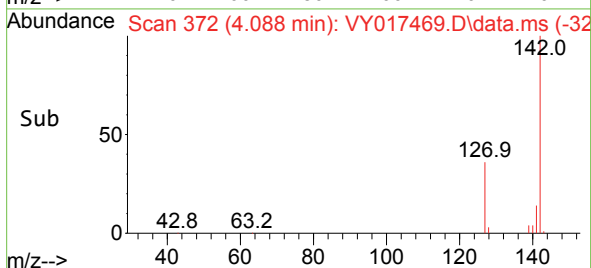
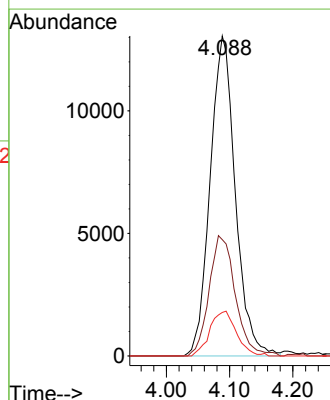
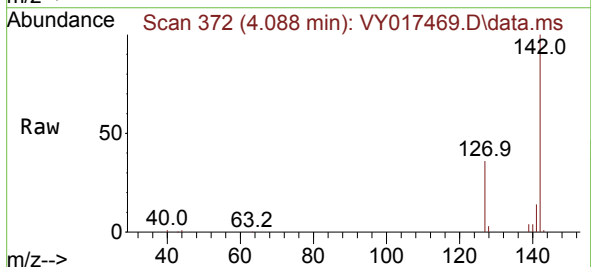
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

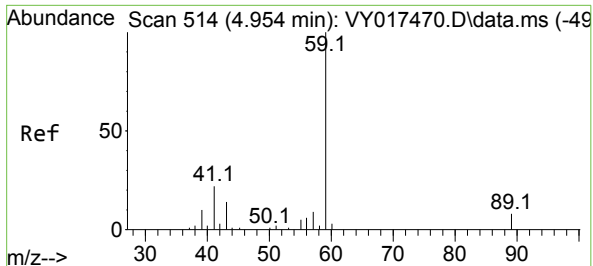
Tgt Ion:	101	Resp:	32628
Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.5	51.7
151	78.2	61.7	92.5



#10
Methyl Iodide
Concen: 19.851 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:	142	Resp:	36095
Ion	Ratio	Lower	Upper
142	100		
127	39.1	32.8	49.2
141	14.8	11.4	17.2

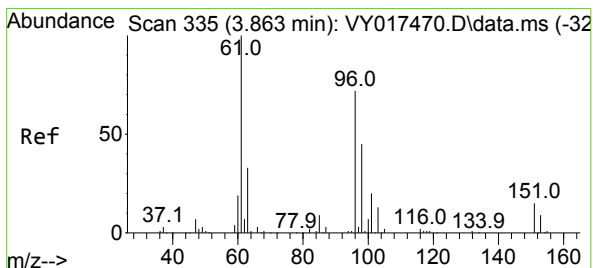
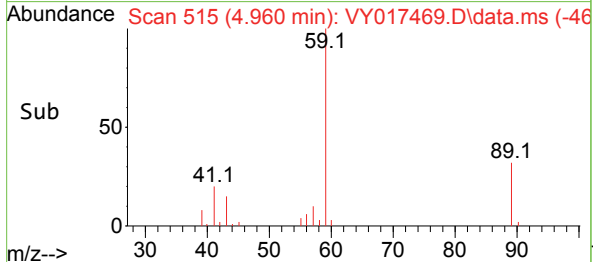
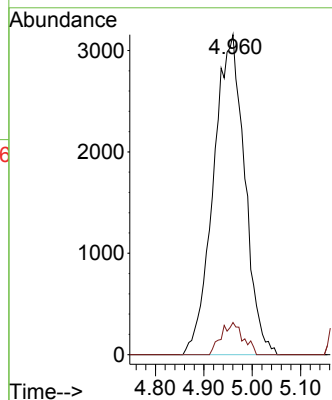
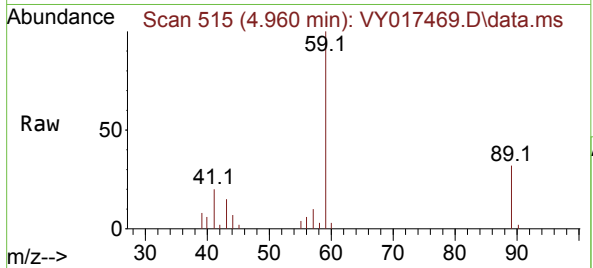




#11
Tert butyl alcohol
Concen: 109.813 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

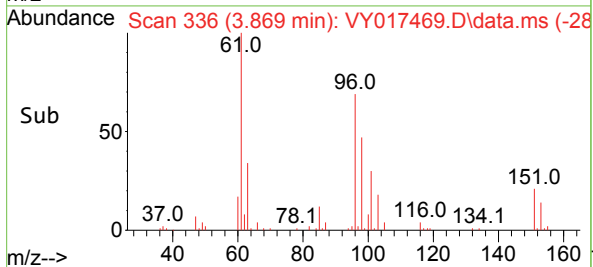
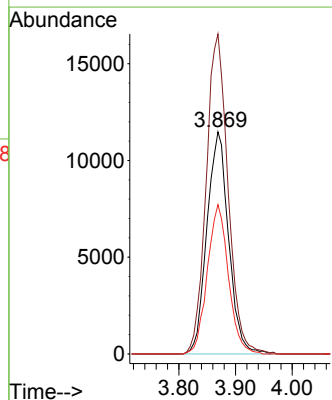
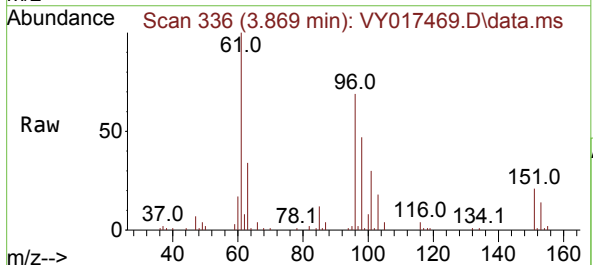
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

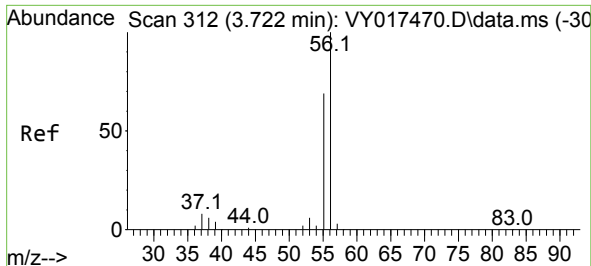
Tgt Ion: 59 Resp: 14130
Ion Ratio Lower Upper
59 100
57 7.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.179 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 96 Resp: 30469
Ion Ratio Lower Upper
96 100
61 144.1 114.6 171.8
98 67.2 50.8 76.2





#13

Acrolein

Concen: 99.723 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

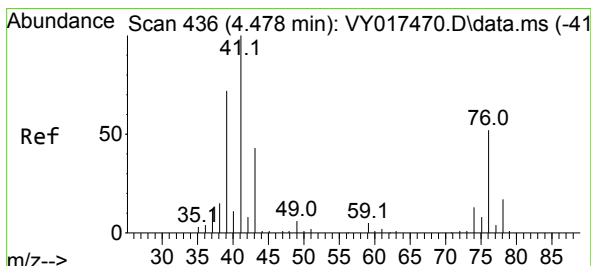
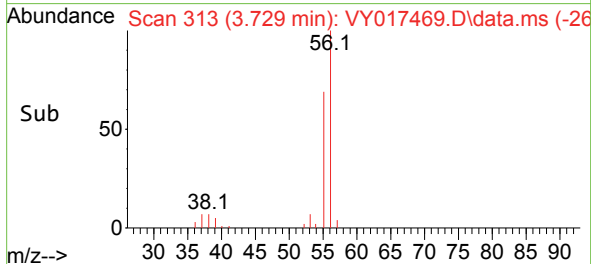
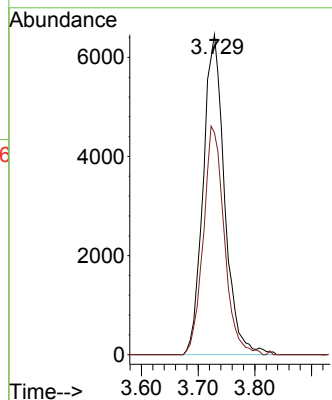
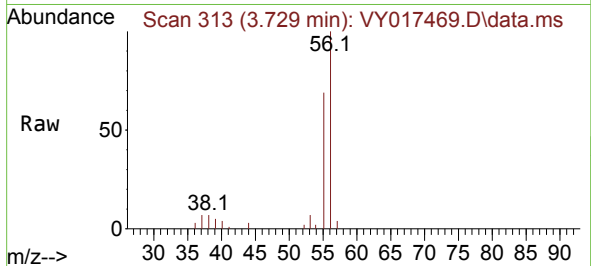
VSTDIC020

Tgt Ion: 56 Resp: 16931

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 20.198 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

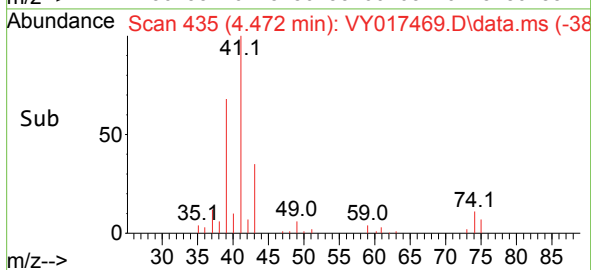
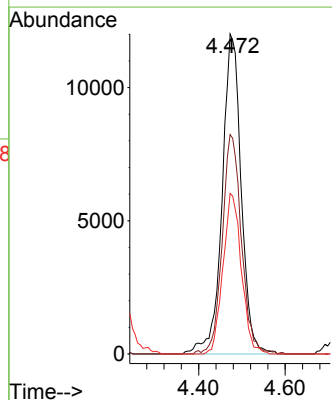
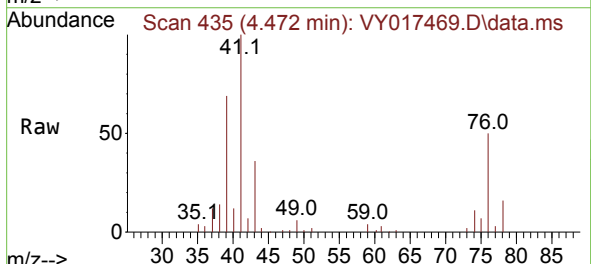
Tgt Ion: 41 Resp: 36849

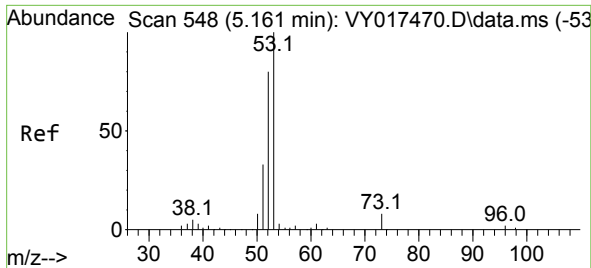
Ion Ratio Lower Upper

41 100

39 69.0 58.3 87.5

76 48.5 39.0 58.6





#15

Acrylonitrile

Concen: 100.050 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

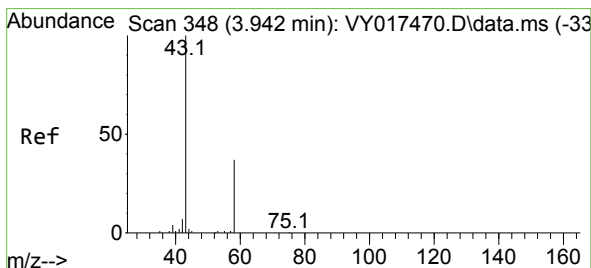
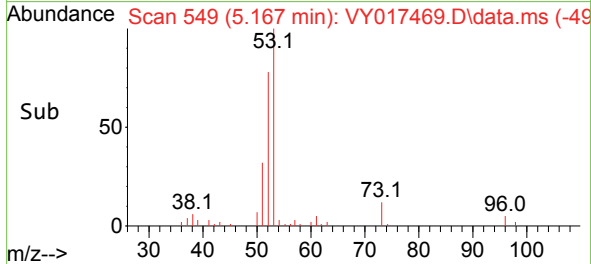
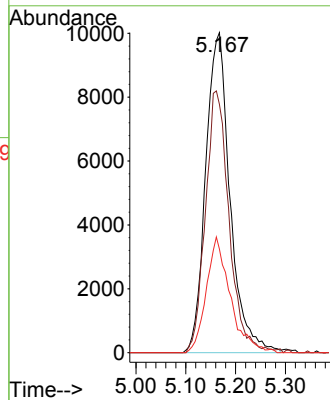
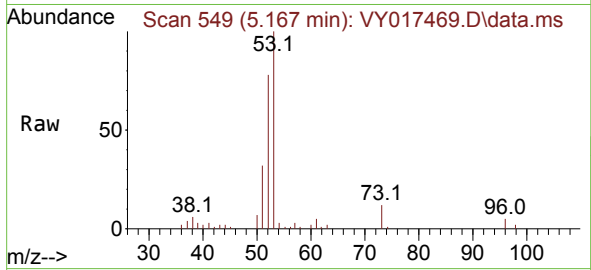
Tgt Ion: 53 Resp: 33978

Ion Ratio Lower Upper

53 100

52 79.6 64.7 97.1

51 35.7 28.4 42.6



#16

Acetone

Concen: 100.633 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY017469.D

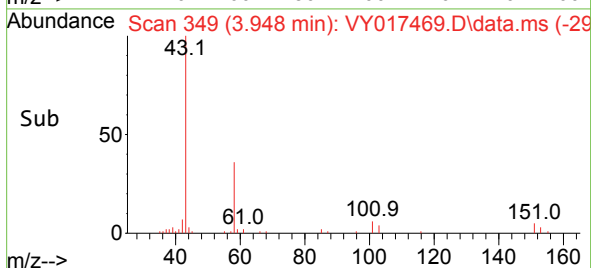
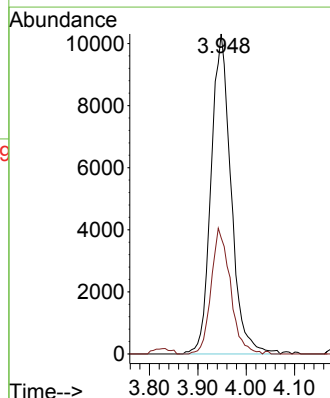
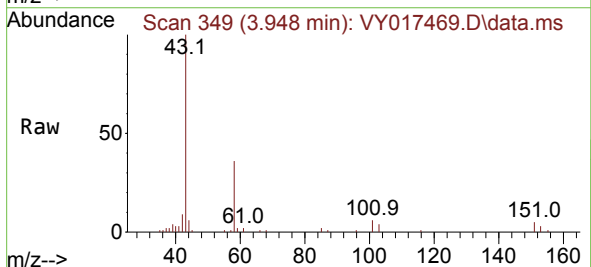
Acq: 23 Feb 2024 17:10

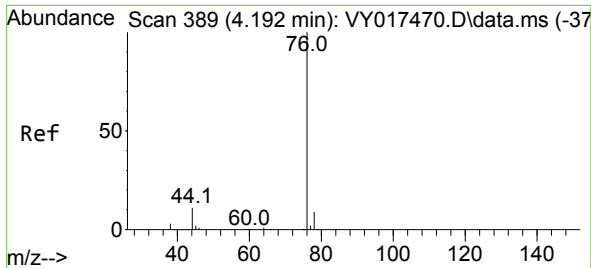
Tgt Ion: 43 Resp: 29567

Ion Ratio Lower Upper

43 100

58 36.3 31.7 47.5

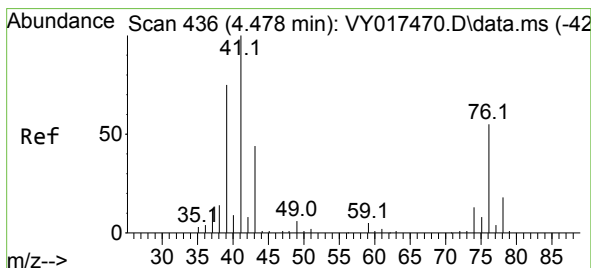
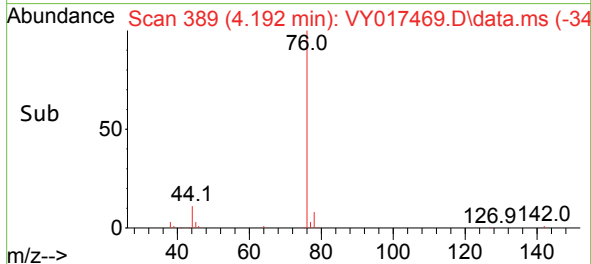
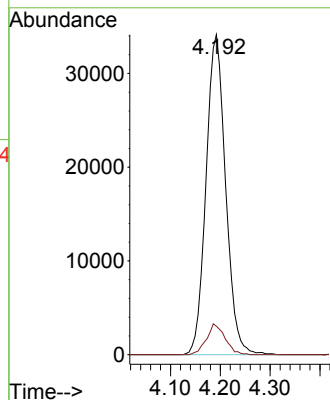
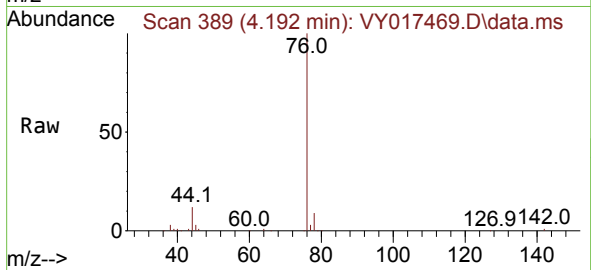




#17
Carbon Disulfide
Concen: 20.559 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

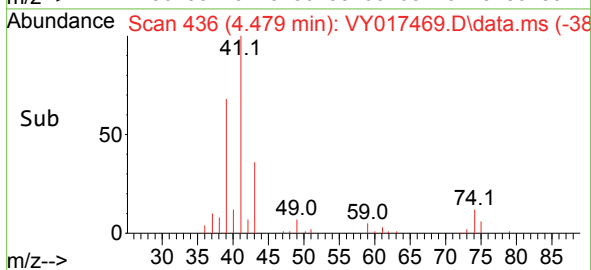
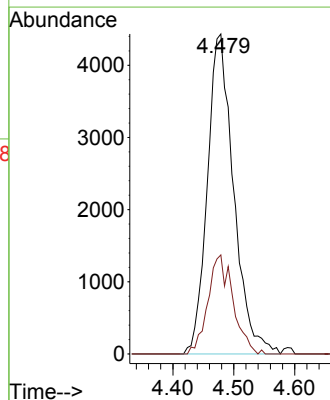
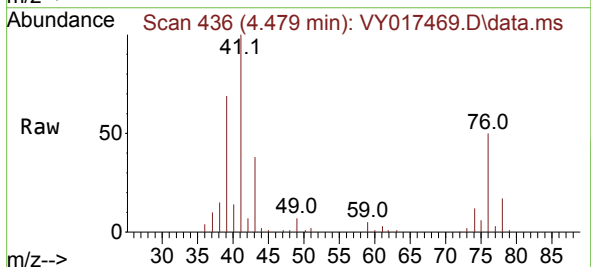
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

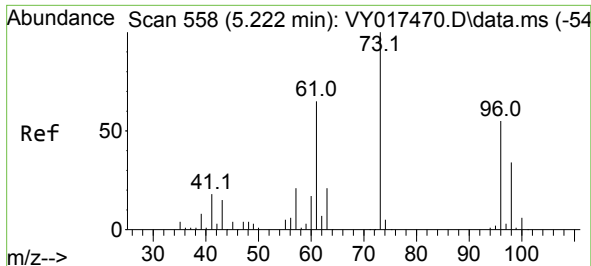
Tgt Ion: 76 Resp: 93176
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 18.654 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 43 Resp: 13297
Ion Ratio Lower Upper
43 100
74 29.5 23.3 34.9

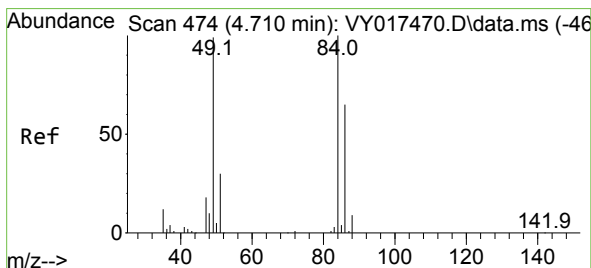
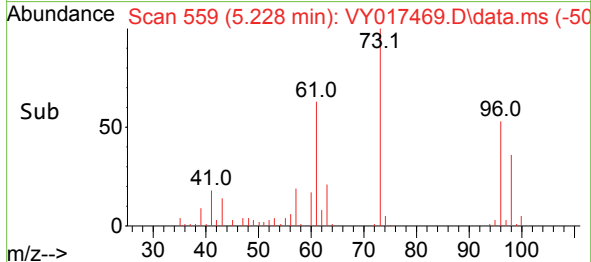
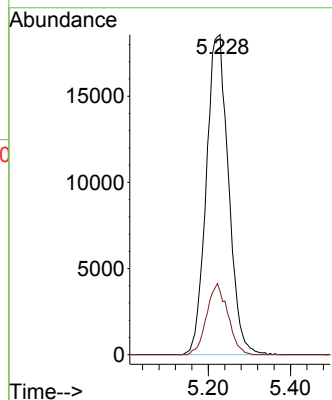
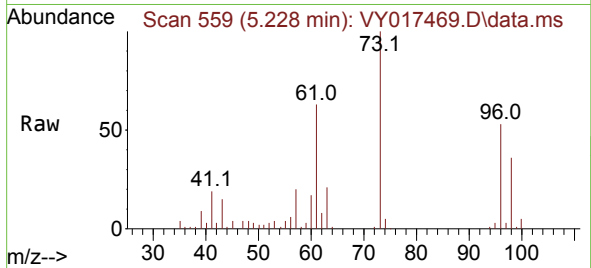




#19
Methyl tert-butyl Ether
Concen: 19.818 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

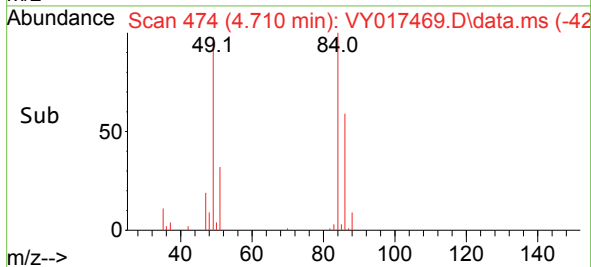
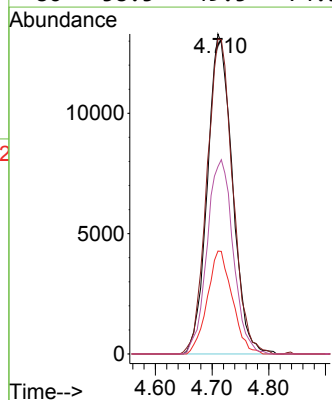
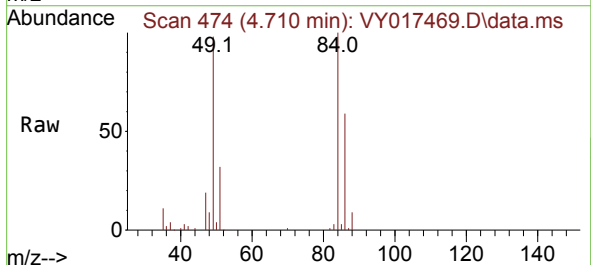
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

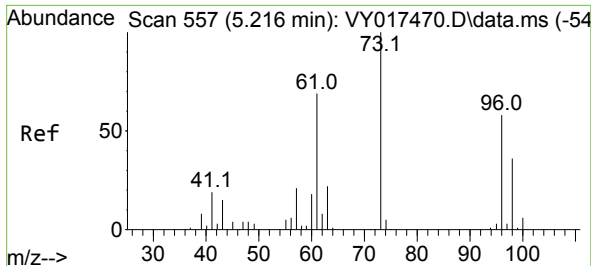
Tgt Ion: 73 Resp: 69744
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9



#20
Methylene Chloride
Concen: 20.204 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 84 Resp: 40512
Ion Ratio Lower Upper
84 100
49 98.4 84.4 126.6
51 32.2 26.0 39.0
86 58.5 49.5 74.3

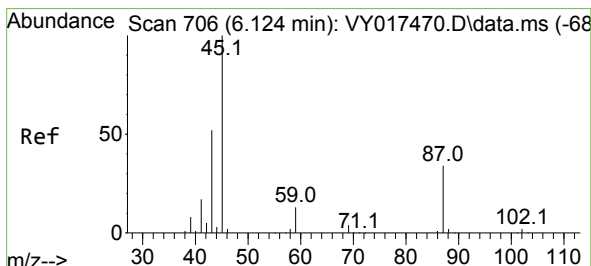
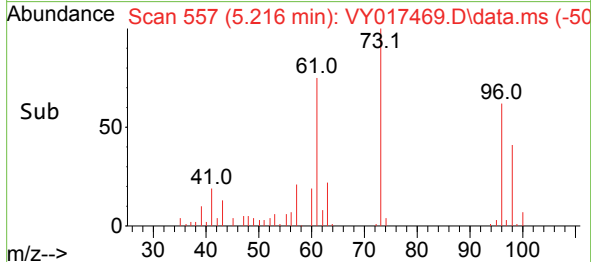
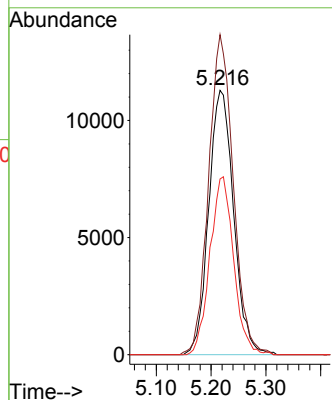
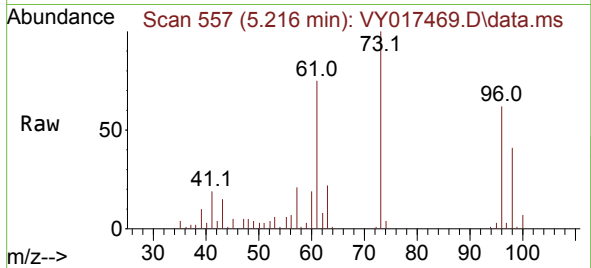




#21
trans-1,2-Dichloroethene
Concen: 20.170 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

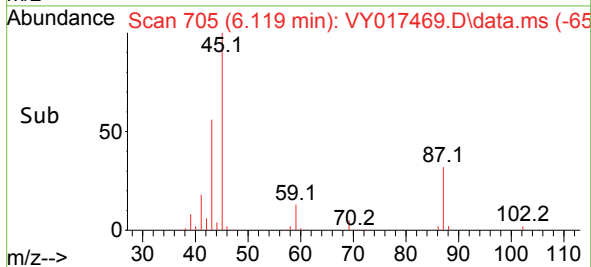
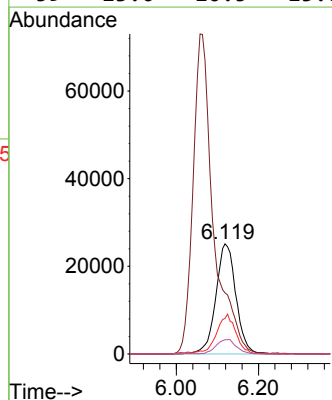
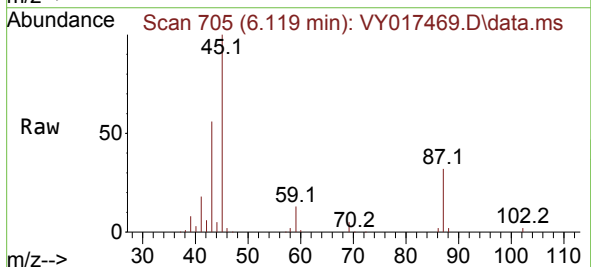
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

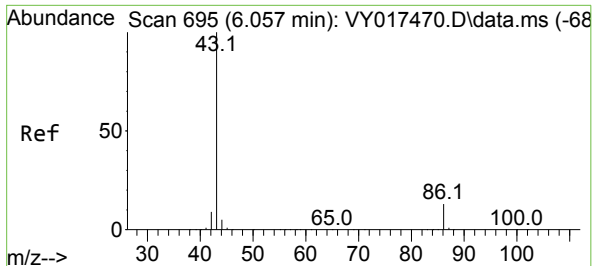
Tgt Ion: 96 Resp: 35658
Ion Ratio Lower Upper
96 100
61 121.1 97.5 146.3
98 66.4 50.5 75.7



#22
Diisopropyl ether
Concen: 20.268 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 45 Resp: 85328
Ion Ratio Lower Upper
45 100
43 55.2 42.2 63.2
87 32.2 25.0 37.6
59 13.0 10.5 15.7

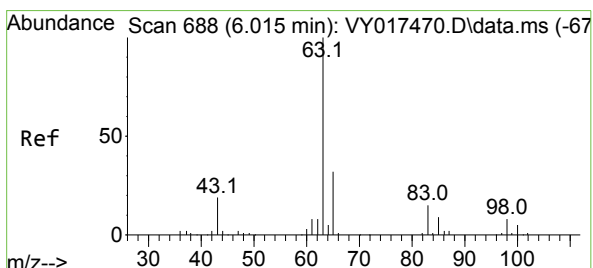
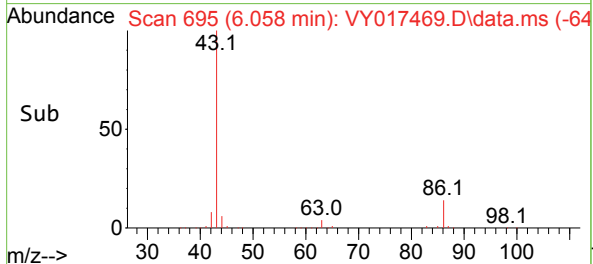
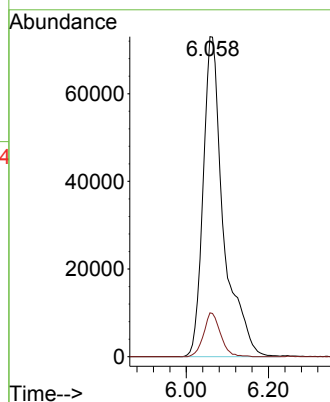
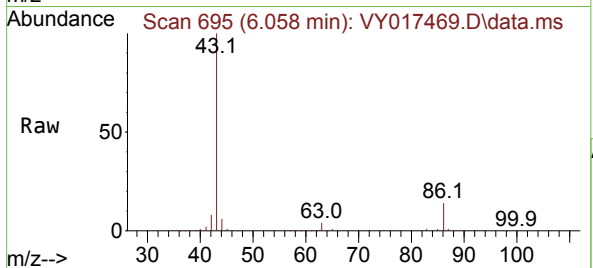




#23
 Vinyl Acetate
 Concen: 99.828 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017469.D
 Acq: 23 Feb 2024 17:10

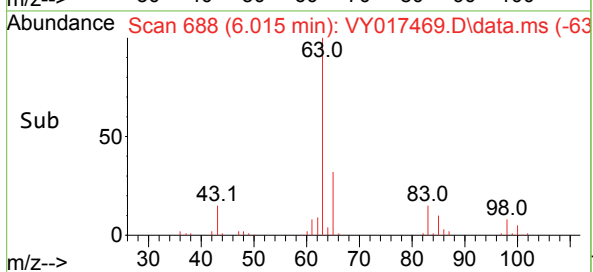
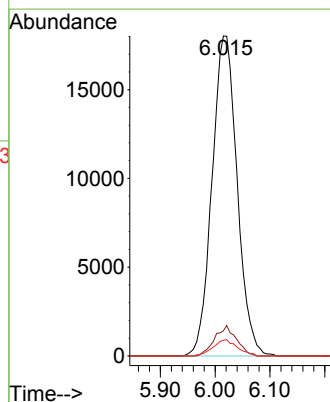
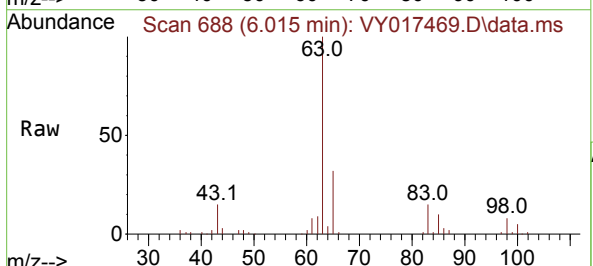
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

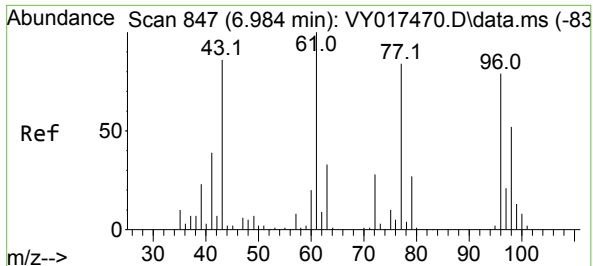
Tgt Ion: 43 Resp: 250437
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.941 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017469.D
 Acq: 23 Feb 2024 17:10

Tgt Ion: 63 Resp: 57354
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 97.116 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

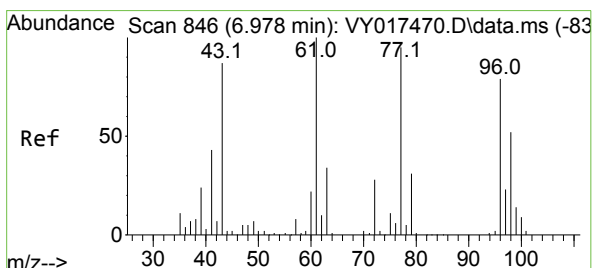
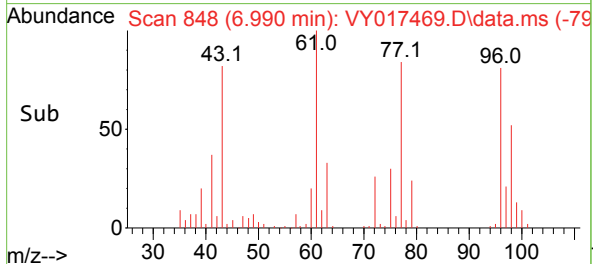
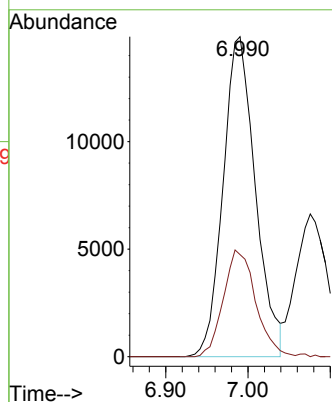
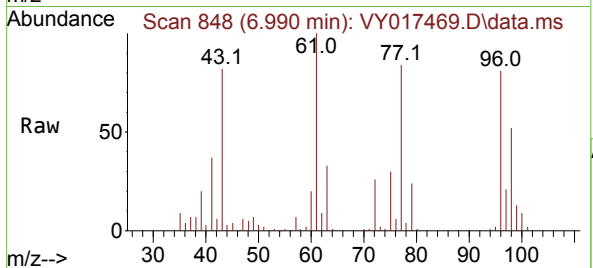
VSTDIC020

Tgt Ion: 43 Resp: 40664

Ion Ratio Lower Upper

43 100

72 31.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.712 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017469.D

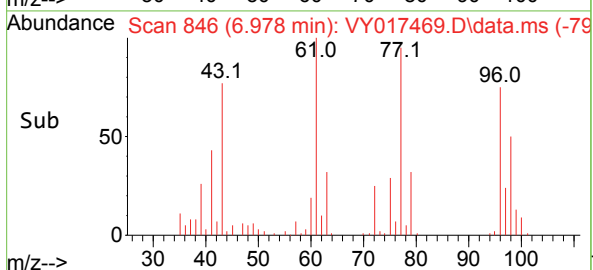
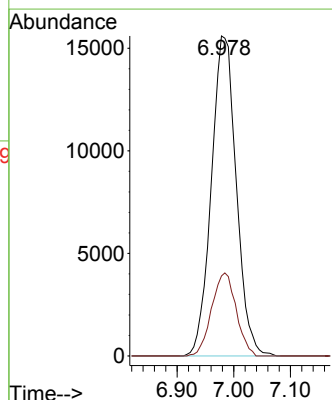
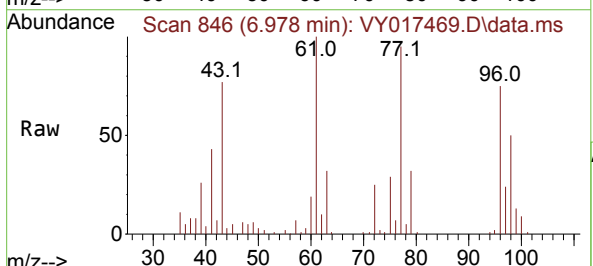
Acq: 23 Feb 2024 17:10

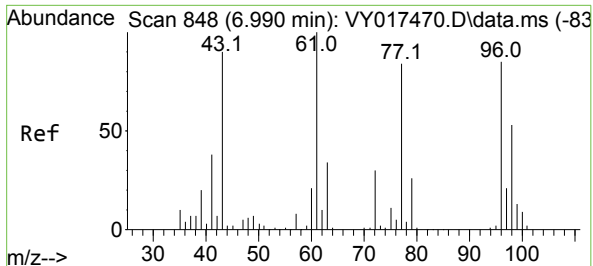
Tgt Ion: 77 Resp: 47668

Ion Ratio Lower Upper

77 100

97 25.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.853 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

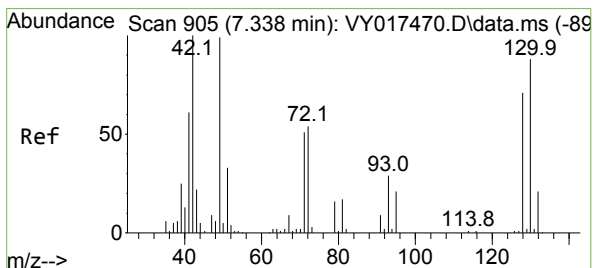
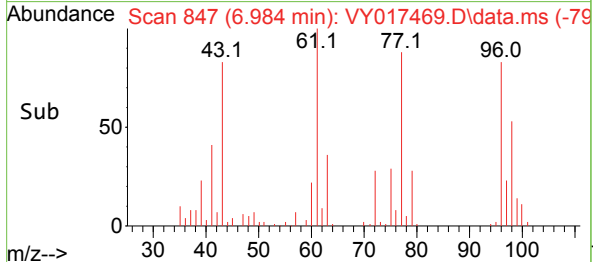
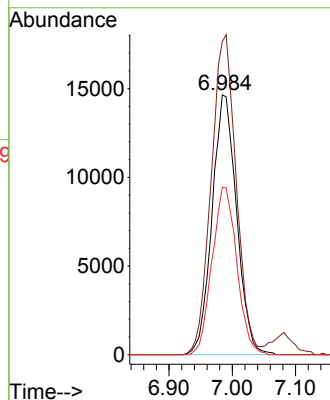
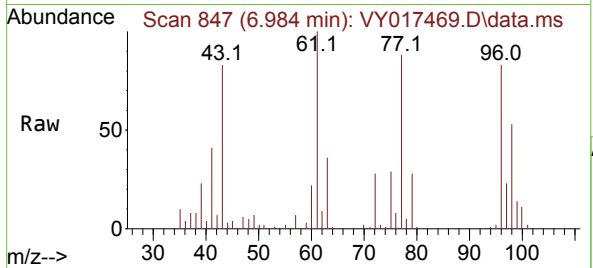
Tgt Ion: 96 Resp: 39407

Ion Ratio Lower Upper

96 100

61 125.6 0.0 256.2

98 64.9 0.0 130.0



#28

Bromochloromethane

Concen: 20.948 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

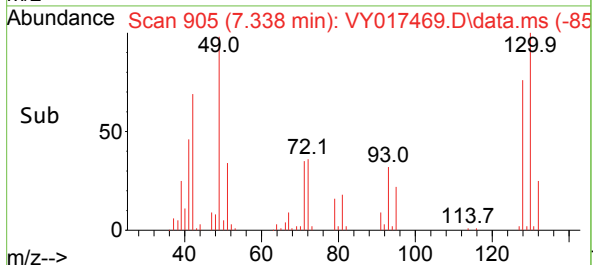
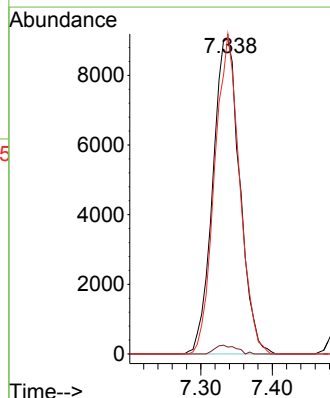
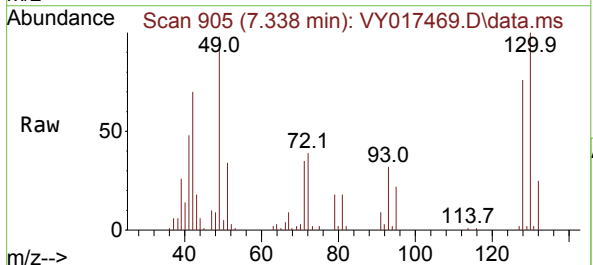
Tgt Ion: 49 Resp: 23729

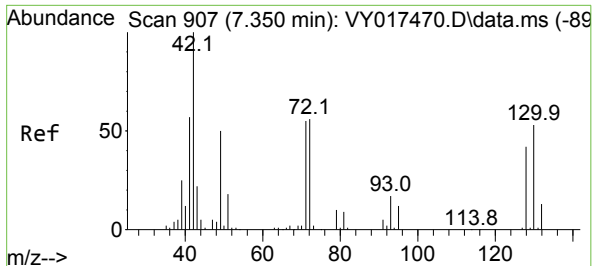
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 94.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 98.282 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

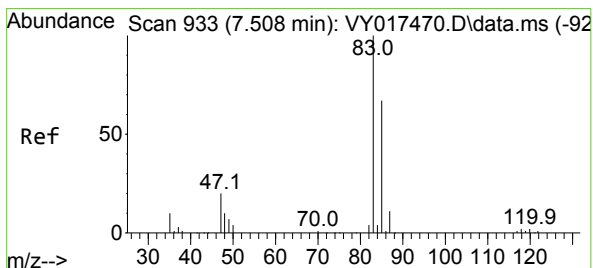
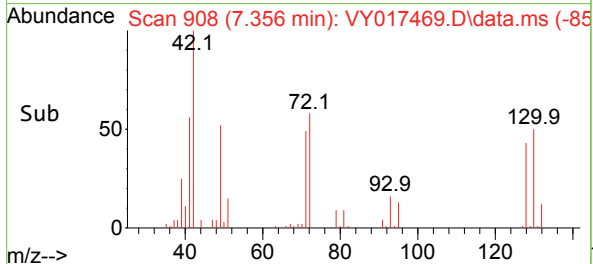
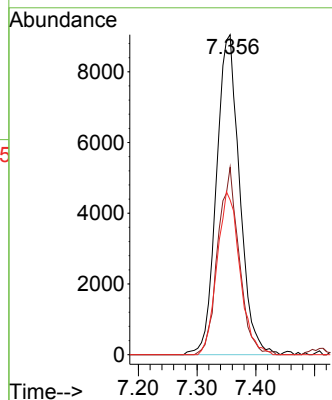
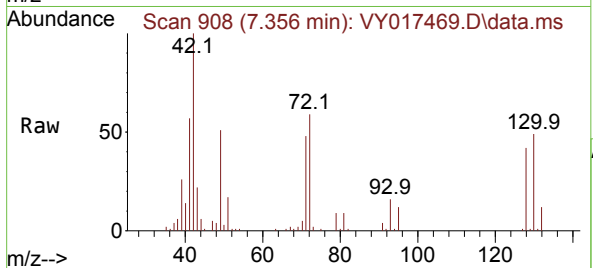
Tgt Ion: 42 Resp: 24807

Ion Ratio Lower Upper

42 100

72 53.4 43.0 64.4

71 50.1 40.8 61.2



#30

Chloroform

Concen: 20.308 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017469.D

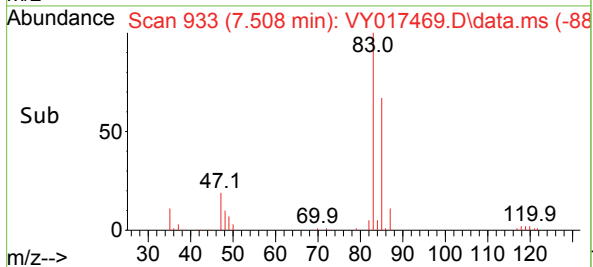
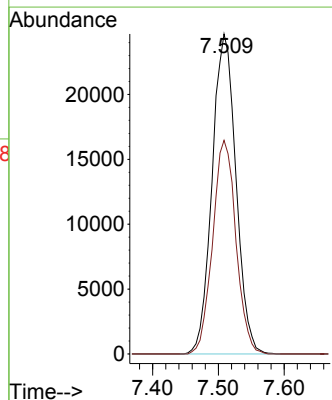
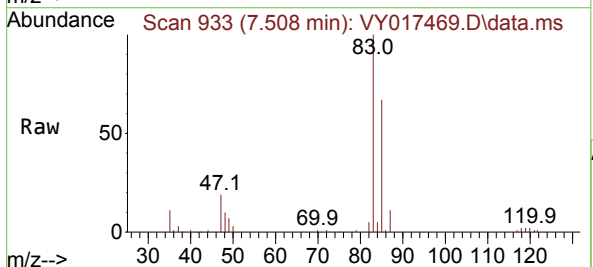
Acq: 23 Feb 2024 17:10

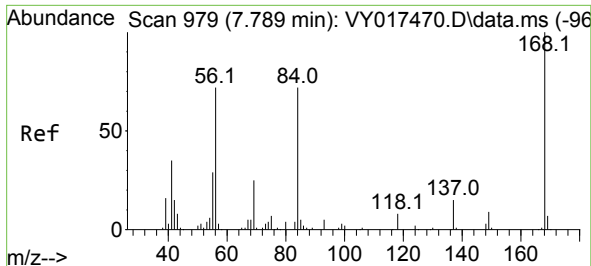
Tgt Ion: 83 Resp: 62188

Ion Ratio Lower Upper

83 100

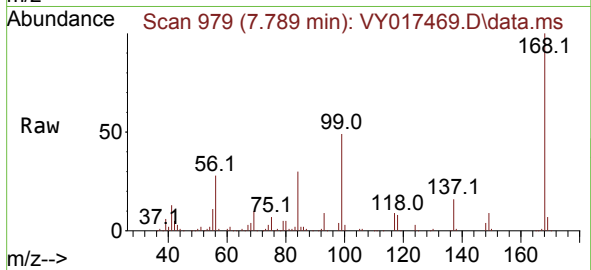
85 66.8 52.2 78.4



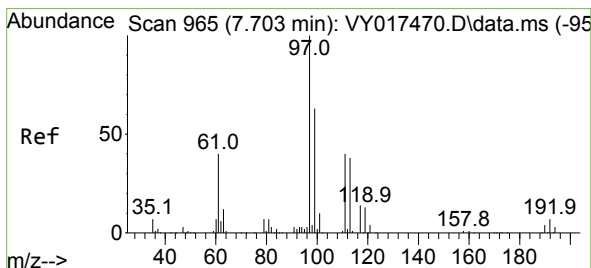
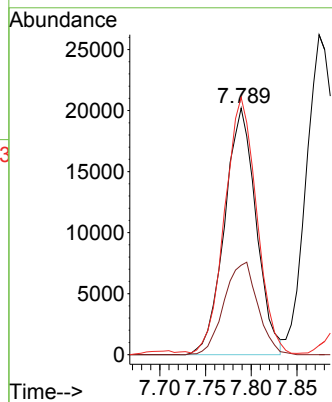
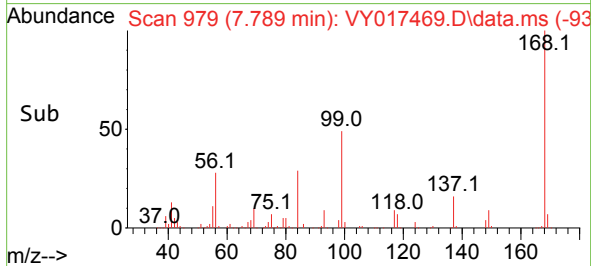


#31
Cyclohexane
Concen: 19.690 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

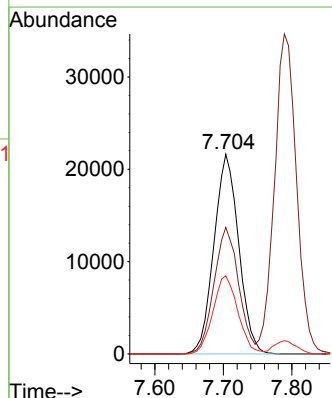
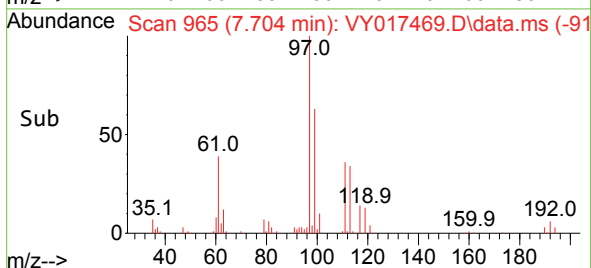
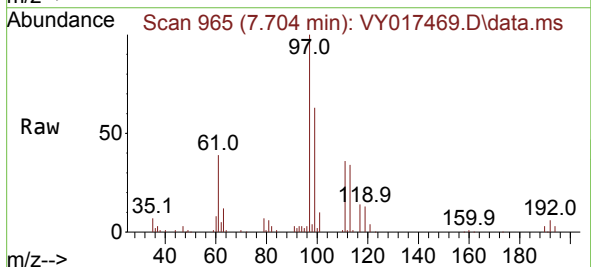


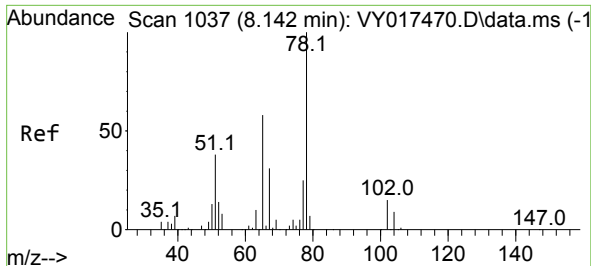
Tgt Ion: 56 Resp: 48539
Ion Ratio Lower Upper
56 100
69 36.3 28.7 43.1
84 103.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.389 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 97 Resp: 54204
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 39.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 17.874 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

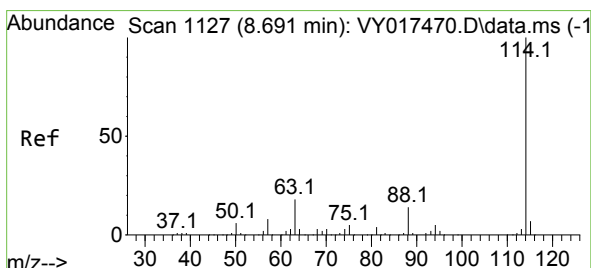
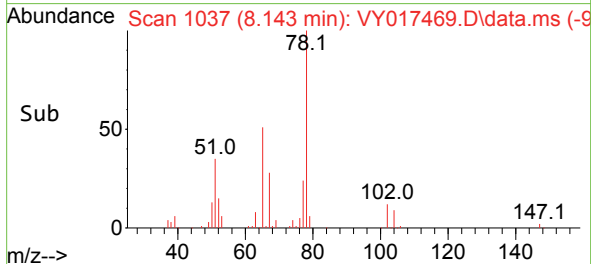
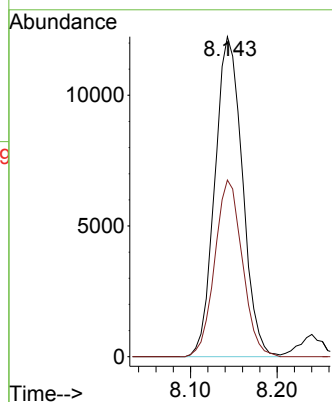
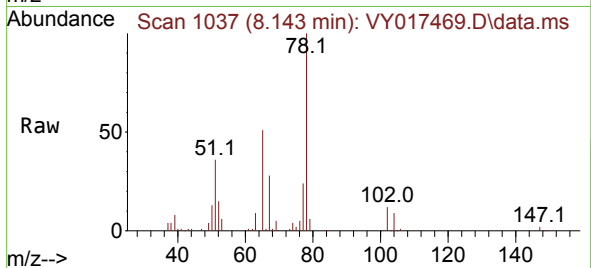
VSTDICC020

Tgt Ion: 65 Resp: 27075

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

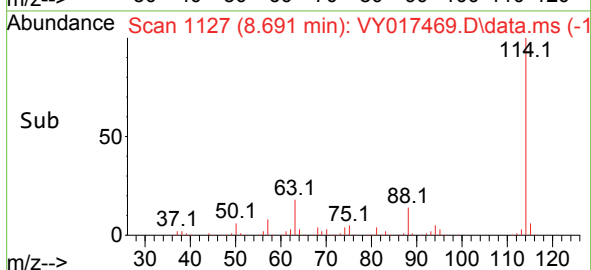
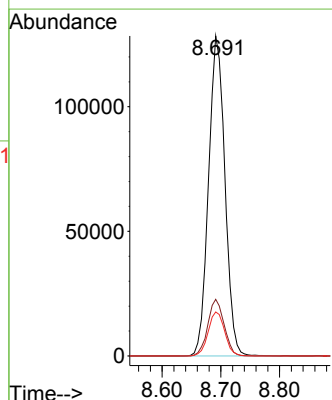
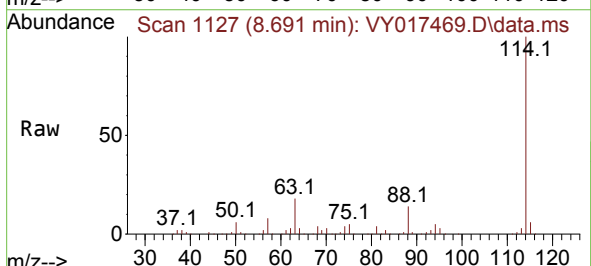
Tgt Ion: 114 Resp: 249035

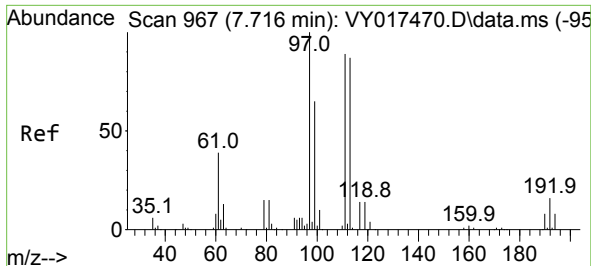
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

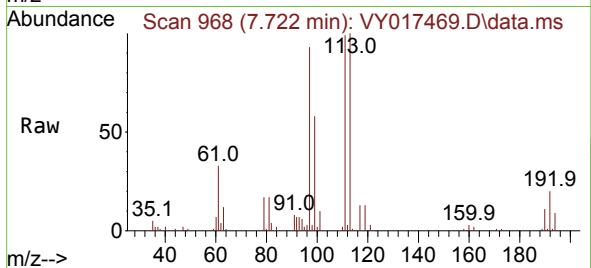
88 13.8 0.0 27.2



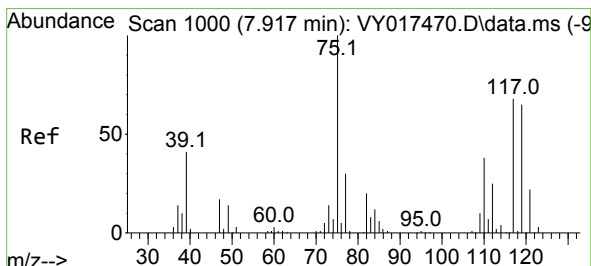
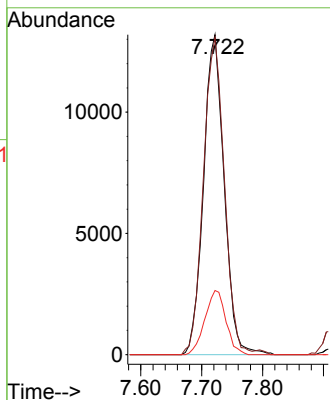
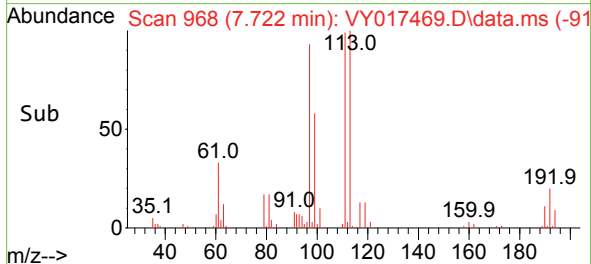


#35
Dibromofluoromethane
Concen: 17.905 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

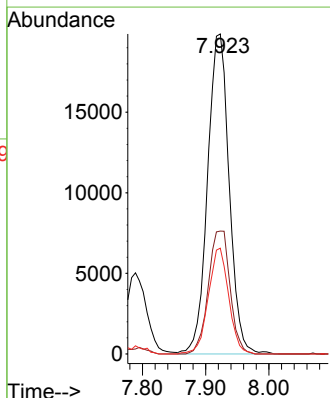
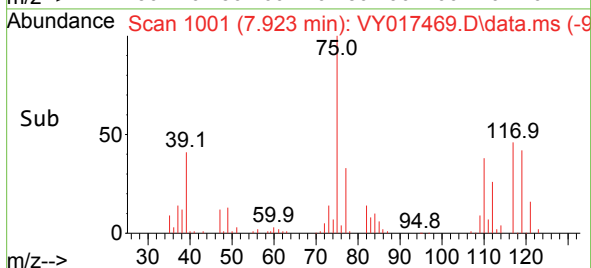
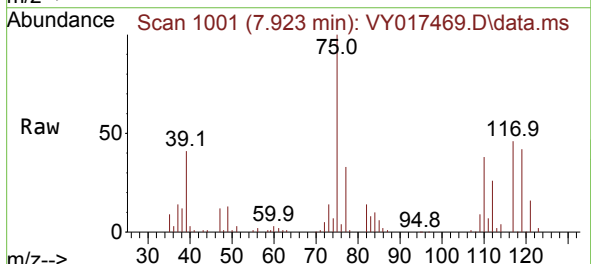


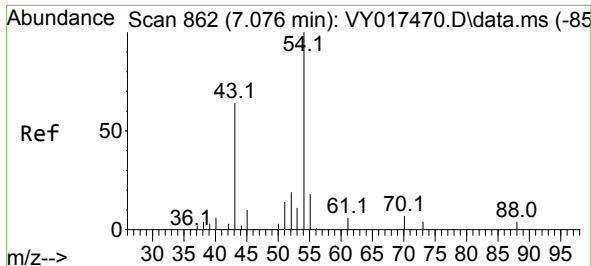
Tgt Ion:113 Resp: 31071
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.158 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 75 Resp: 47198
Ion Ratio Lower Upper
75 100
110 38.6 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 19.894 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

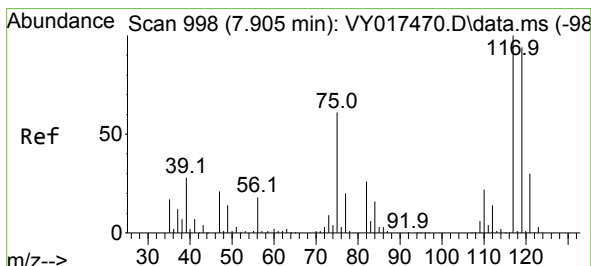
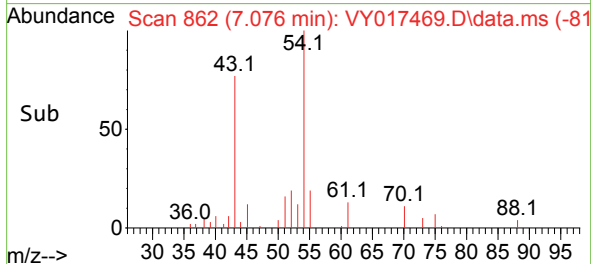
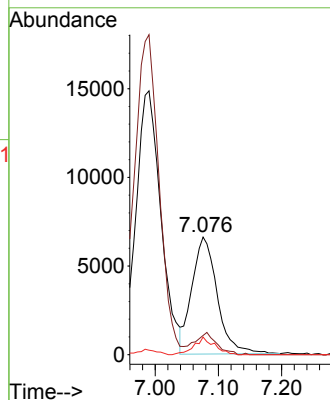
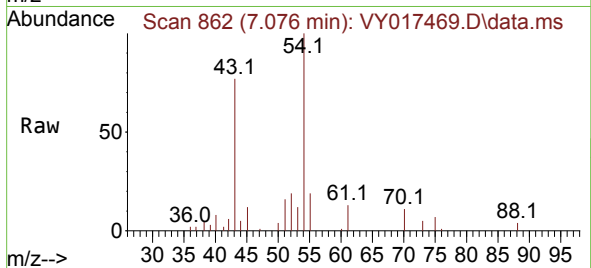
Tgt Ion: 43 Resp: 18397

Ion Ratio Lower Upper

43 100

61 16.4 12.6 19.0

70 12.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 19.904 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

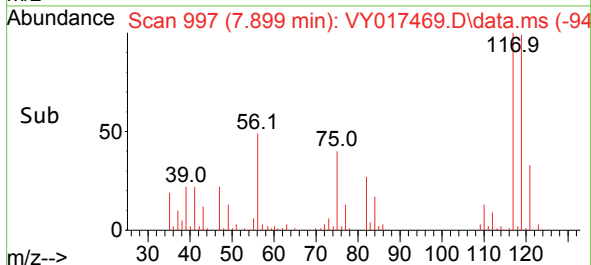
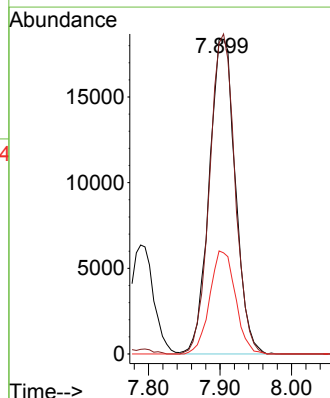
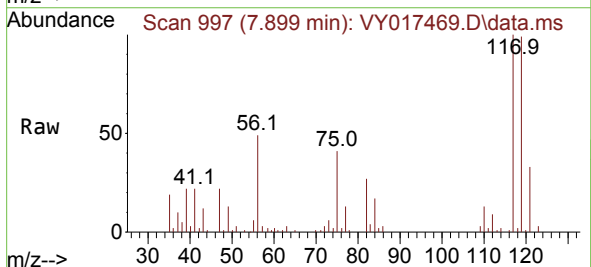
Tgt Ion: 117 Resp: 46707

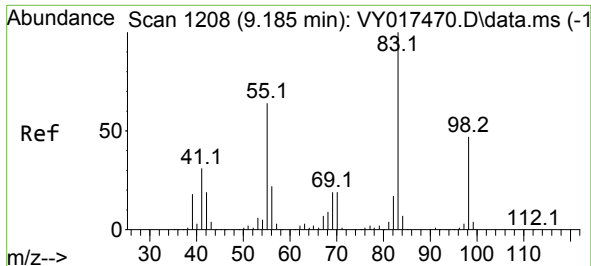
Ion Ratio Lower Upper

117 100

119 98.7 75.8 113.6

121 32.7 24.0 36.0





#39

Methylcyclohexane

Concen: 19.499 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

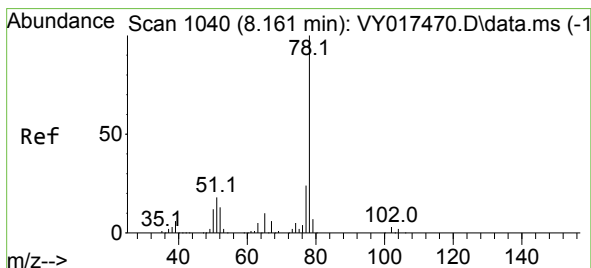
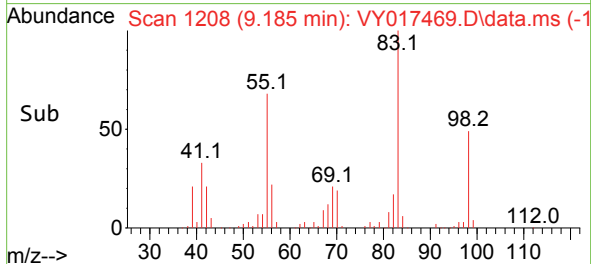
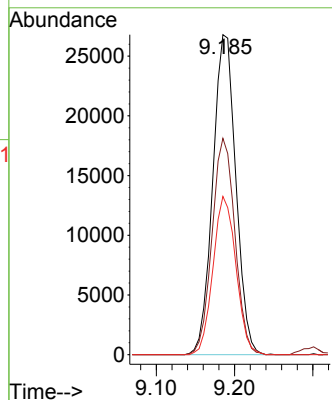
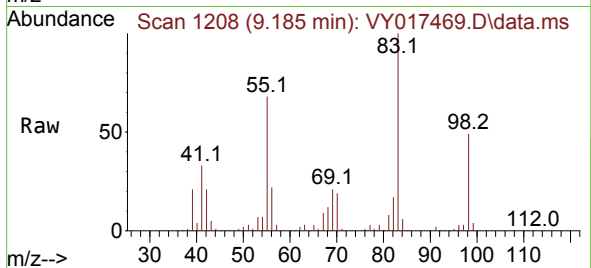
Tgt Ion: 83 Resp: 54867

Ion Ratio Lower Upper

83 100

55 67.6 51.5 77.3

98 49.5 40.5 60.7



#40

Benzene

Concen: 20.150 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017469.D

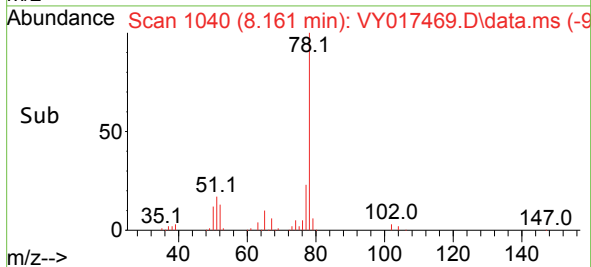
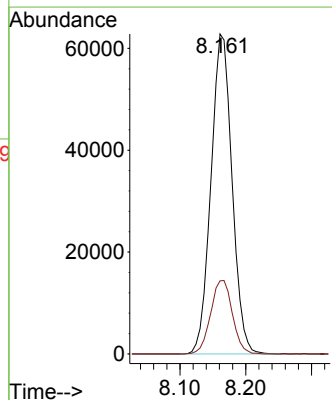
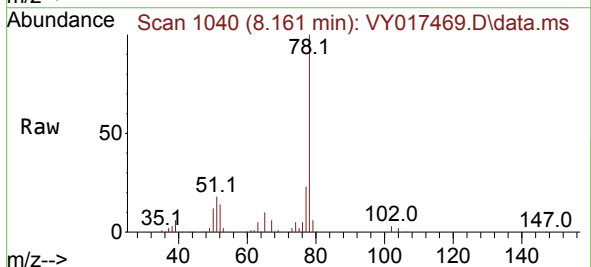
Acq: 23 Feb 2024 17:10

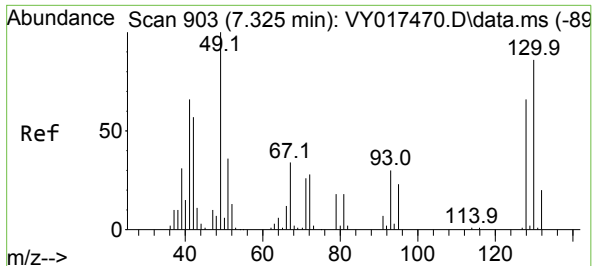
Tgt Ion: 78 Resp: 140110

Ion Ratio Lower Upper

78 100

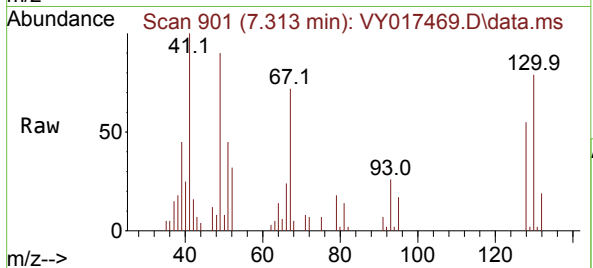
77 22.9 19.5 29.3



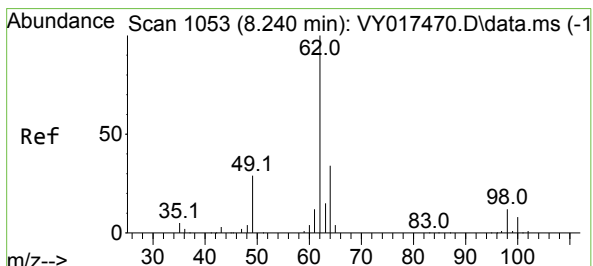
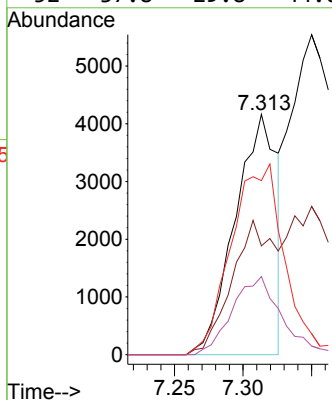
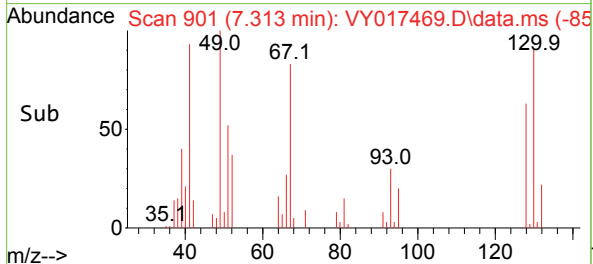


#41
Methacrylonitrile
Concen: 19.123 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

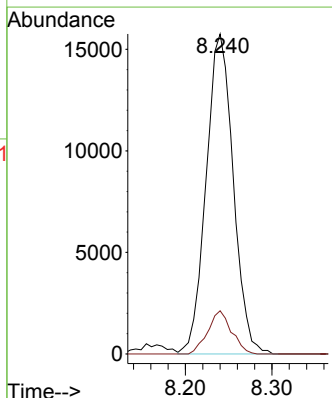
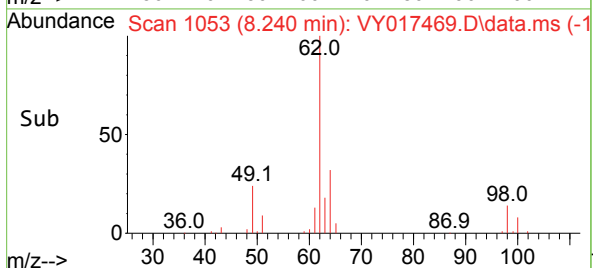
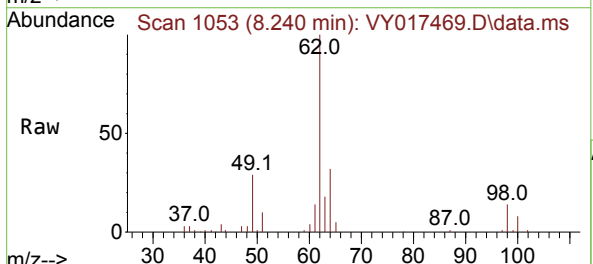


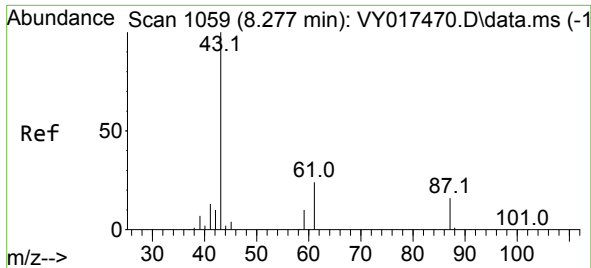
Tgt Ion:	41	Resp:	8874
Ion	Ratio	Lower	Upper
41	100		
39	57.1	48.0	72.0
67	99.9	75.1	112.7
52	37.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.205 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:	62	Resp:	34277
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	22.0

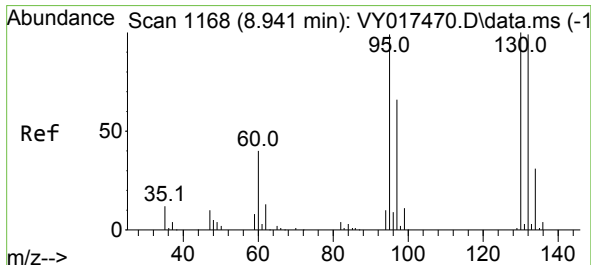
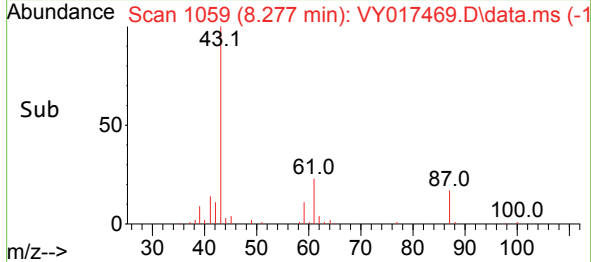
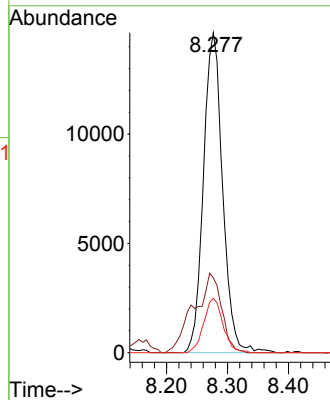
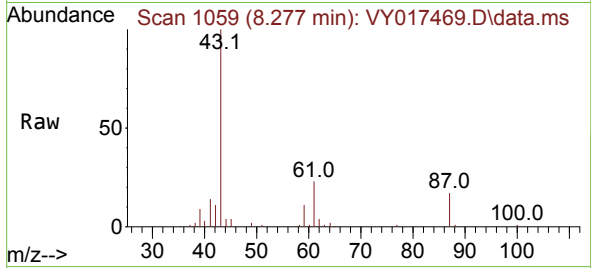




#43
Isopropyl Acetate
Concen: 19.709 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

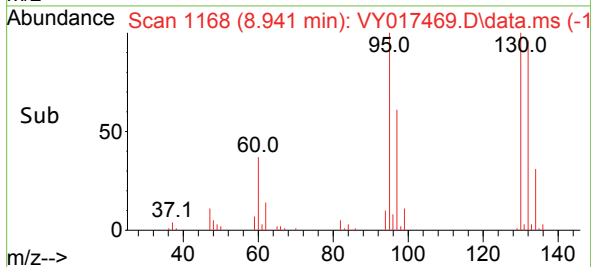
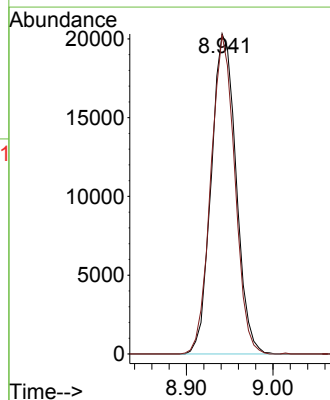
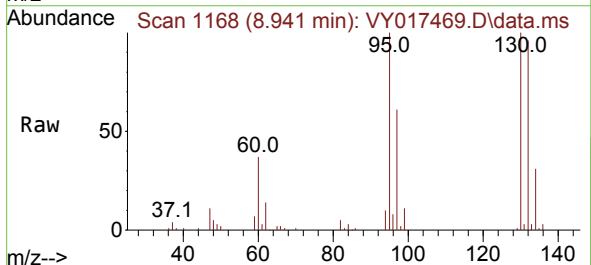
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

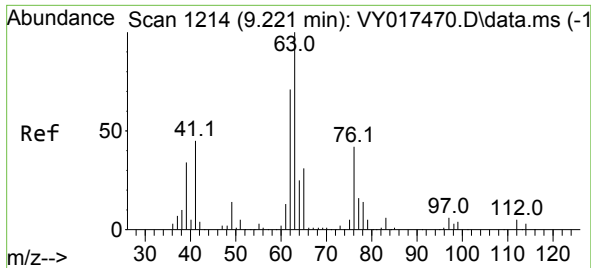
Tgt Ion: 43	Resp:	32028
Ion Ratio	Lower	Upper
43	100	
61	35.6	27.9 41.9
87	17.1	13.1 19.7



#44
Trichloroethene
Concen: 20.145 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 130	Resp:	40373
Ion Ratio	Lower	Upper
130	100	
95	99.6	0.0 188.0

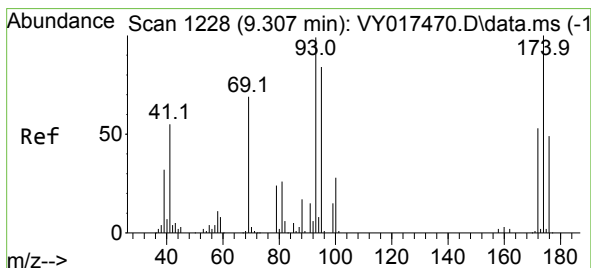
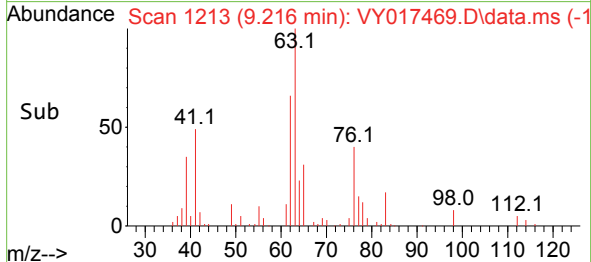
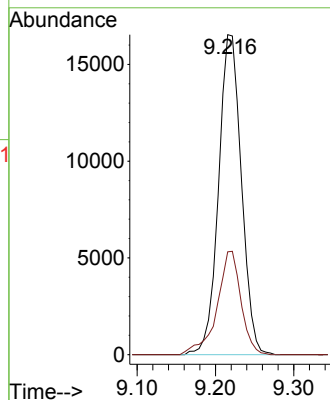
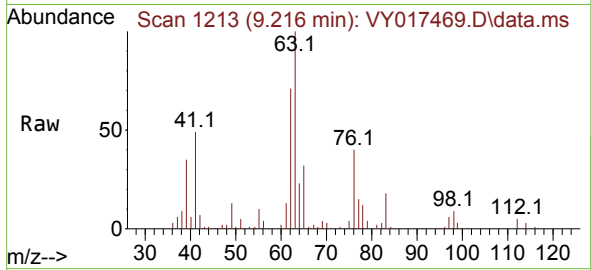




#45
1,2-Dichloropropane
Concen: 20.249 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

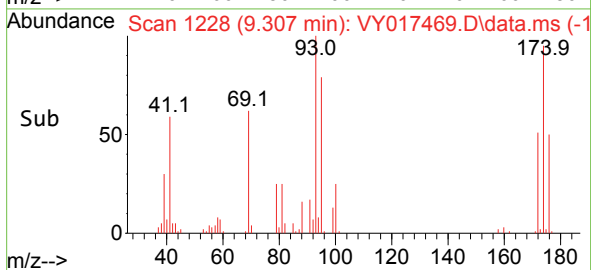
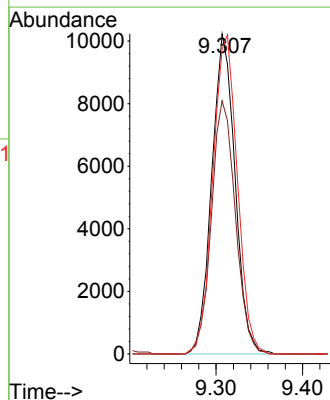
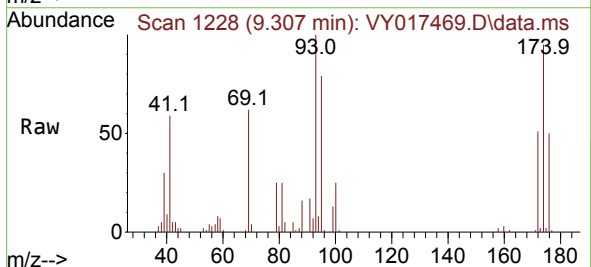
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

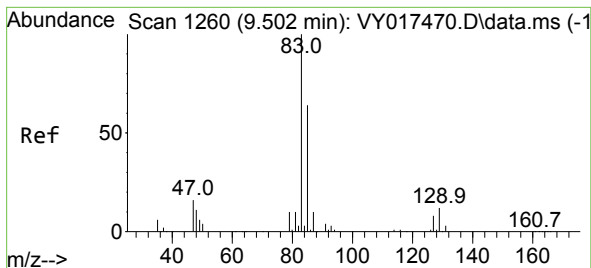
Tgt Ion: 63 Resp: 33498
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.2



#46
Dibromomethane
Concen: 20.168 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 93 Resp: 19094
Ion Ratio Lower Upper
93 100
95 81.5 66.2 99.4
174 104.6 80.9 121.3





#47

Bromodichloromethane

Concen: 20.022 ug/l

RT: 9.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

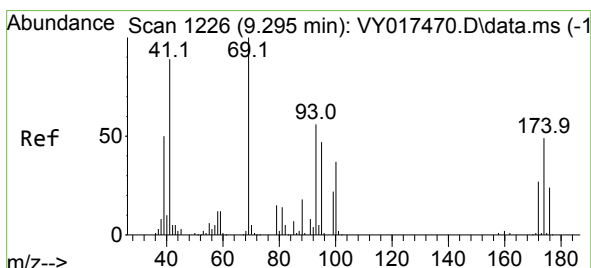
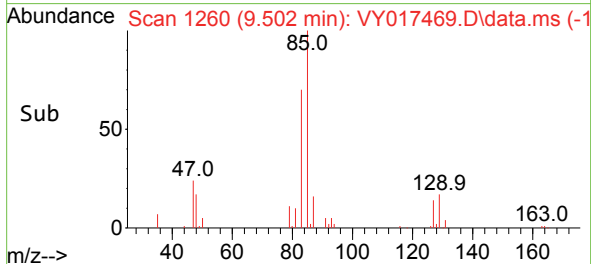
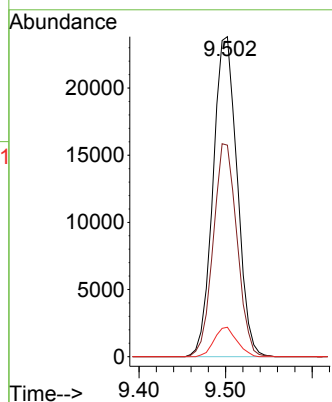
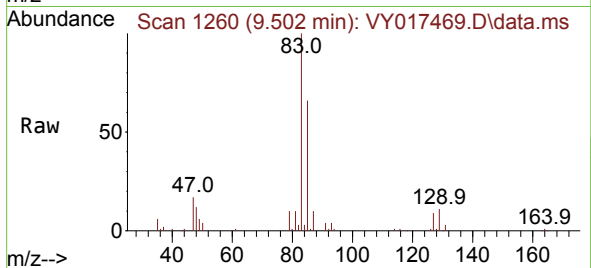
Tgt Ion: 83 Resp: 46026

Ion Ratio Lower Upper

83 100

85 66.1 50.1 75.1

127 9.2 7.4 11.0



#48

Methyl methacrylate

Concen: 18.677 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

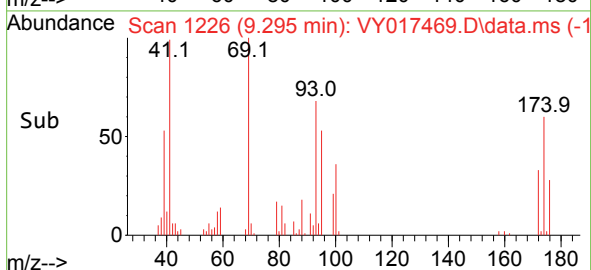
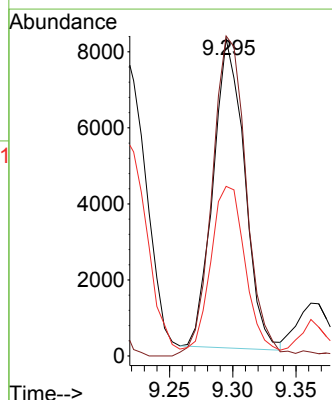
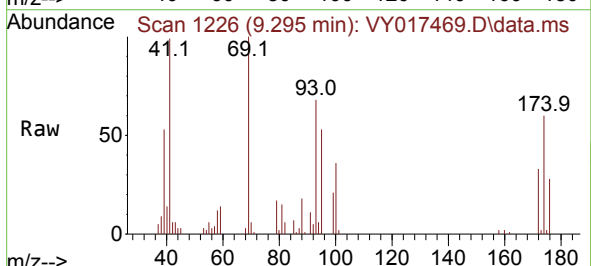
Tgt Ion: 41 Resp: 14049

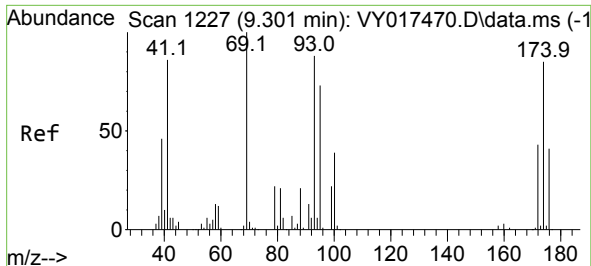
Ion Ratio Lower Upper

41 100

69 112.1 84.1 126.1

39 57.3 43.6 65.4

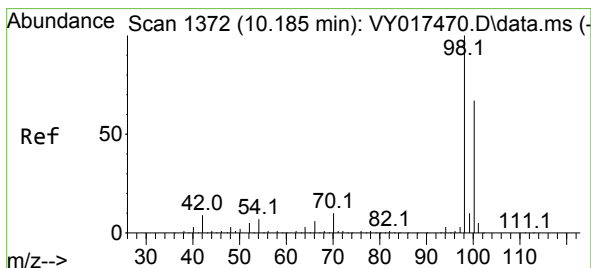
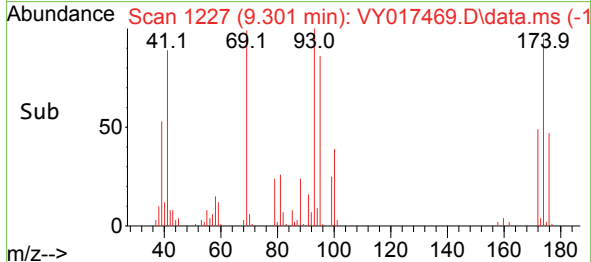
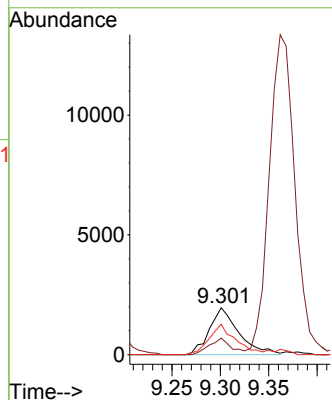
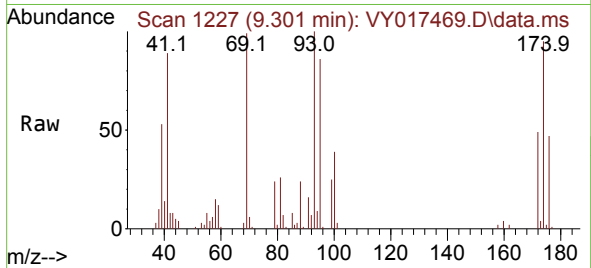




#49
1,4-Dioxane
Concen: 386.578 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

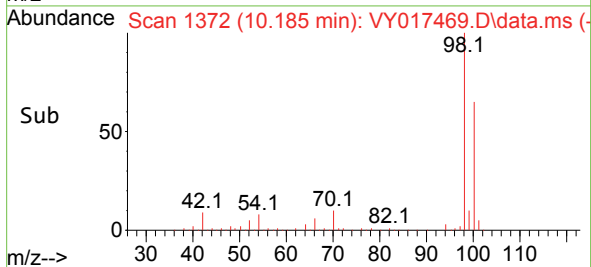
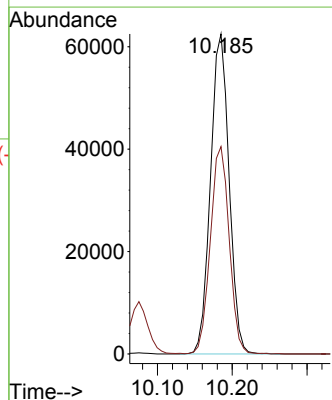
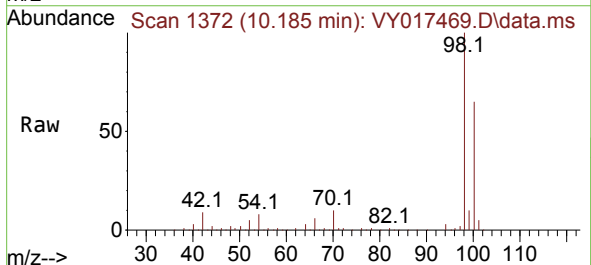
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

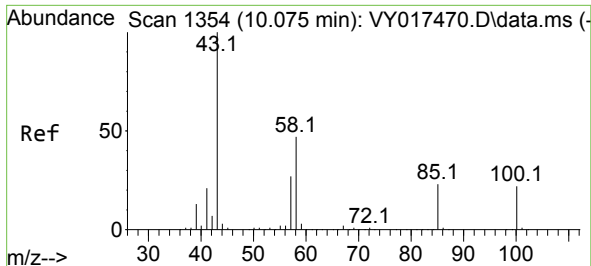
Tgt Ion: 88 Resp: 4142
Ion Ratio Lower Upper
88 100
43 26.4 0.0 0.0#
58 57.9 49.3 73.9



#50
Toluene-d8
Concen: 17.774 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 98 Resp: 107842
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

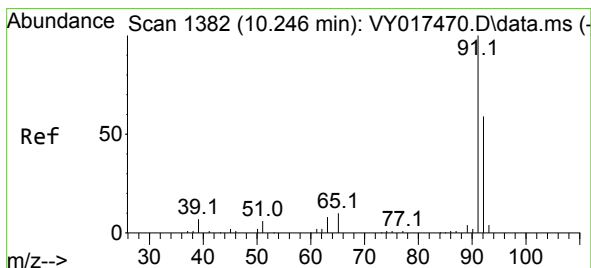
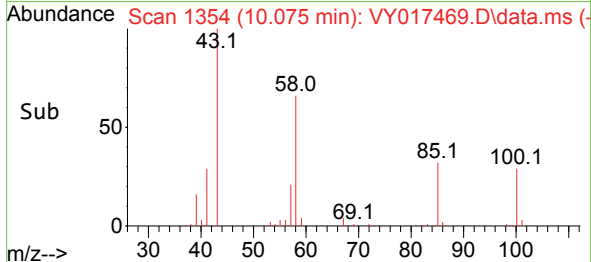
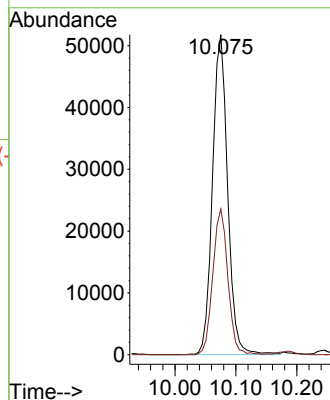
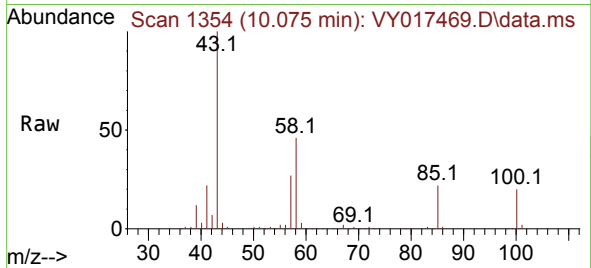




#51
4-Methyl-2-Pentanone
Concen: 98.759 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

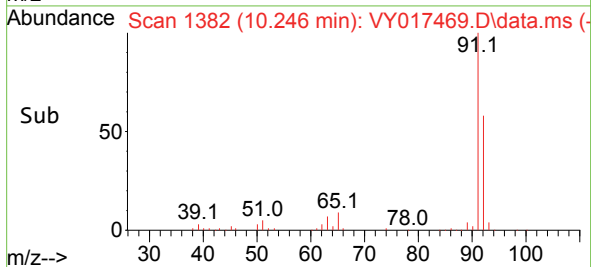
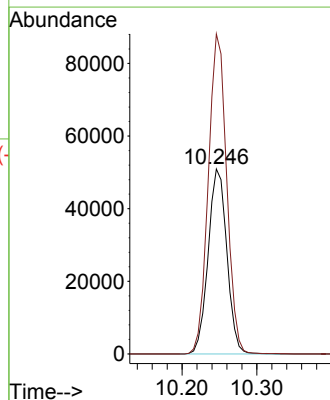
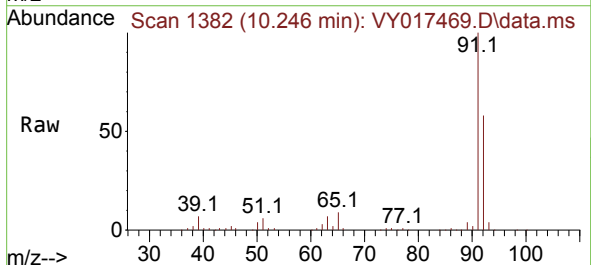
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

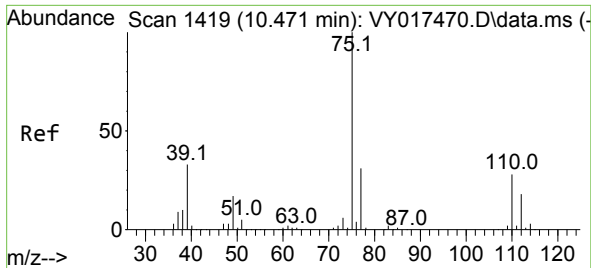
Tgt Ion: 43 Resp: 89444
Ion Ratio Lower Upper
43 100
58 45.2 35.7 53.5



#52
Toluene
Concen: 20.228 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 92 Resp: 88666
Ion Ratio Lower Upper
92 100
91 169.8 139.0 208.6

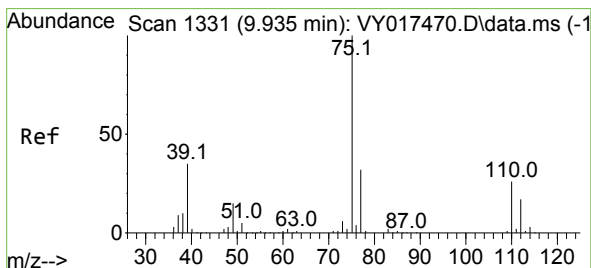
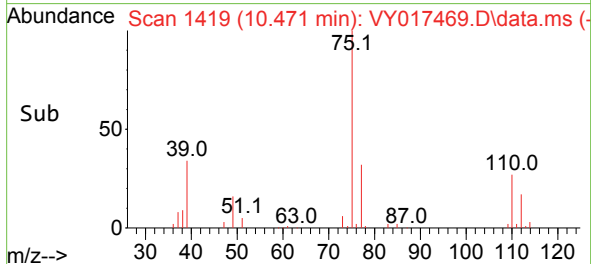
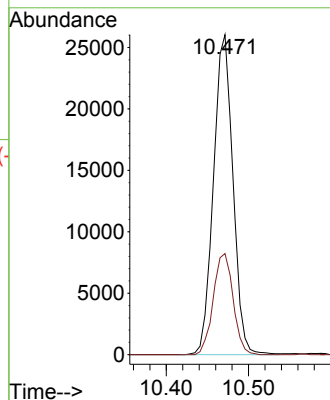
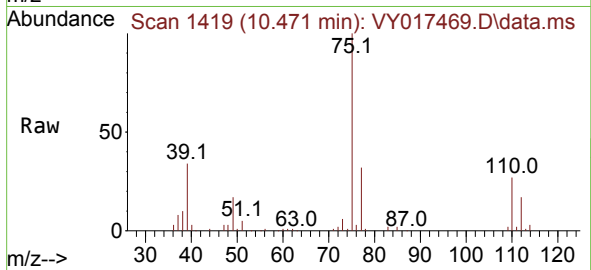




#53
 t-1,3-Dichloropropene
 Concen: 20.073 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017469.D
 Acq: 23 Feb 2024 17:10

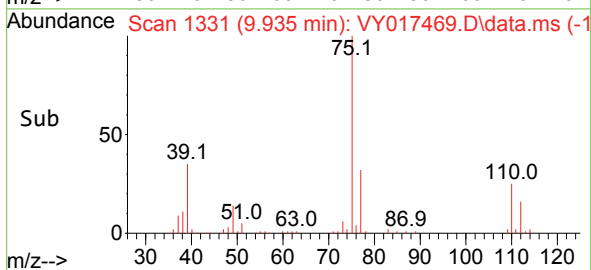
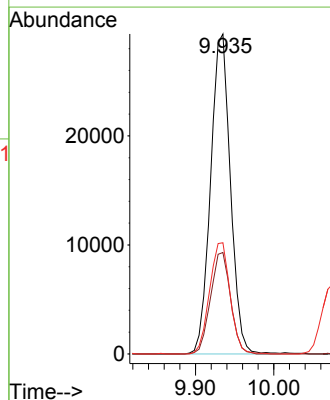
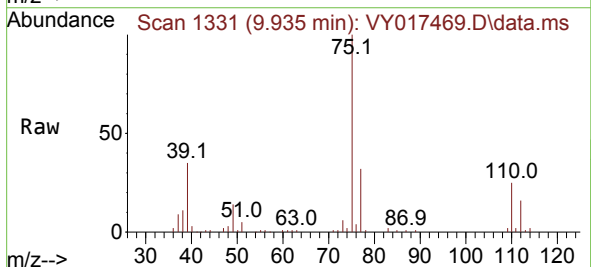
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

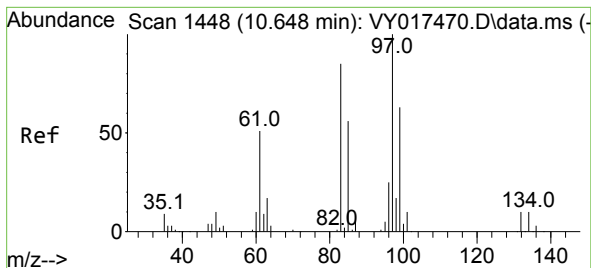
Tgt Ion: 75 Resp: 42829
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.888 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017469.D
 Acq: 23 Feb 2024 17:10

Tgt Ion: 75 Resp: 51562
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 34.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.265 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 27240

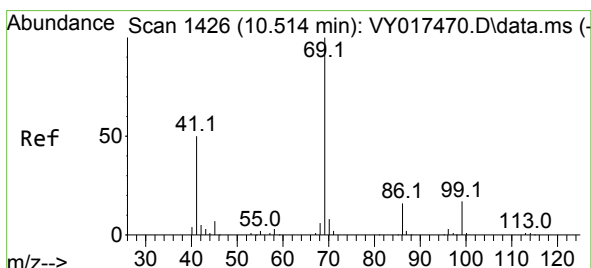
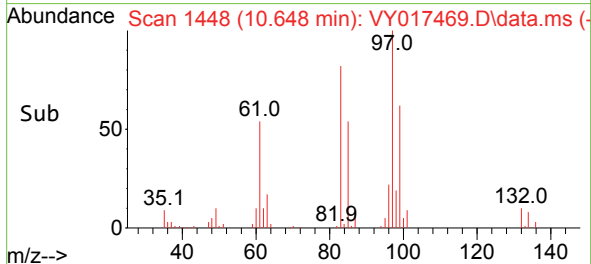
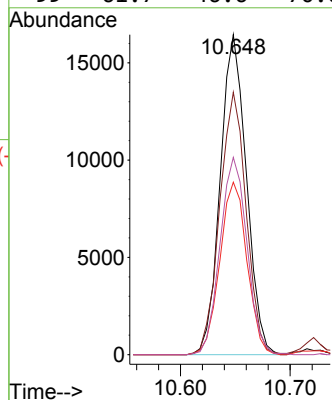
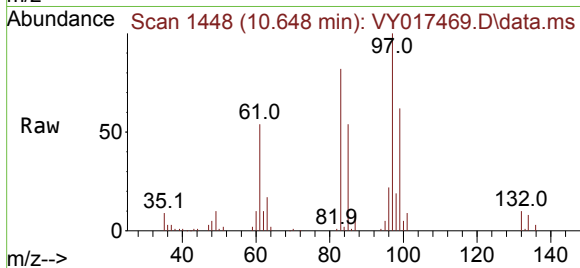
Ion Ratio Lower Upper

97 100

83 82.0 67.5 101.3

85 53.9 42.9 64.3

99 61.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.147 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

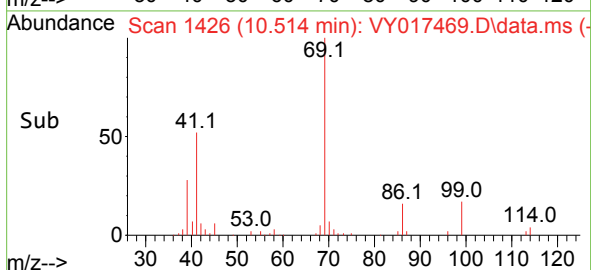
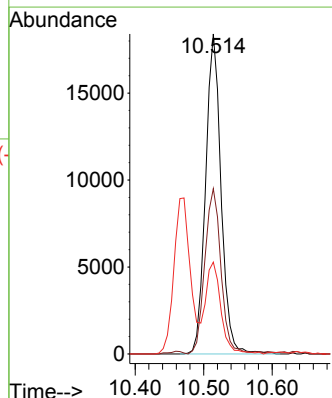
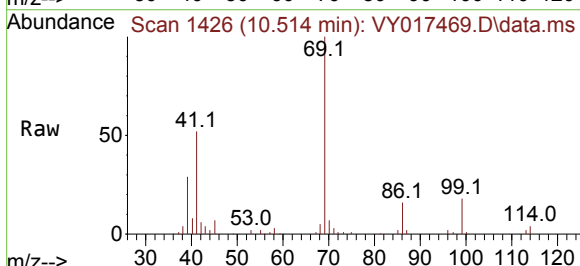
Tgt Ion: 69 Resp: 28935

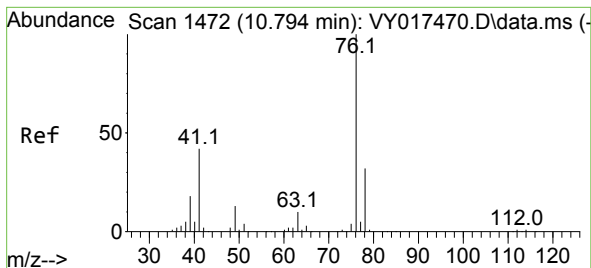
Ion Ratio Lower Upper

69 100

41 53.9 42.3 63.5

39 27.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 20.167 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

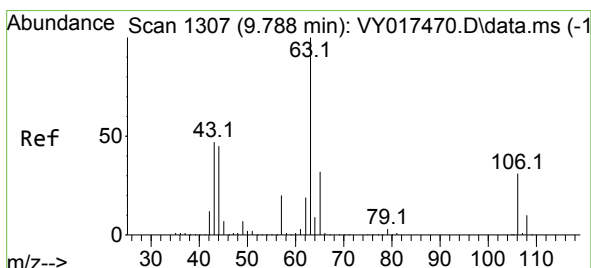
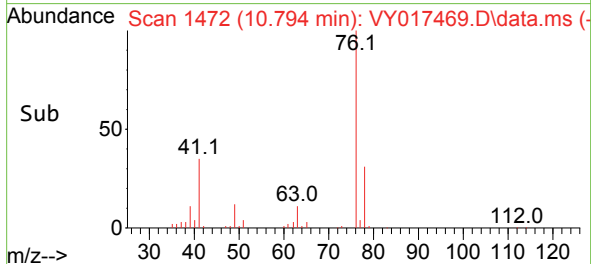
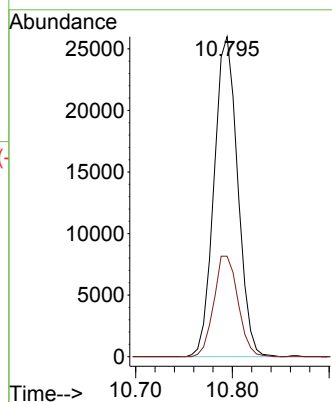
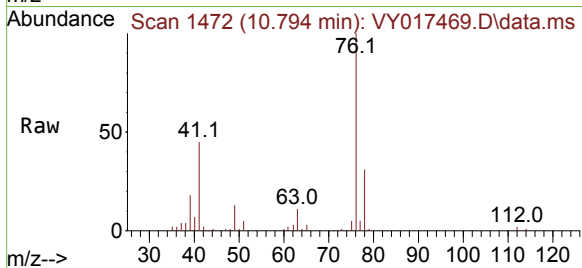
VSTDIC020

Tgt Ion: 76 Resp: 44076

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.714 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017469.D

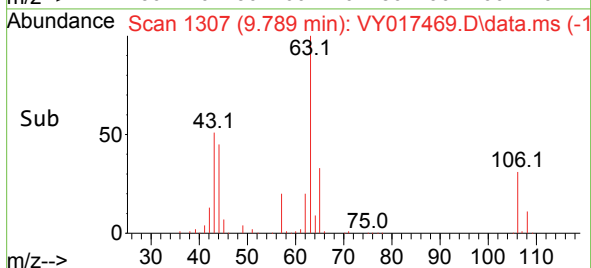
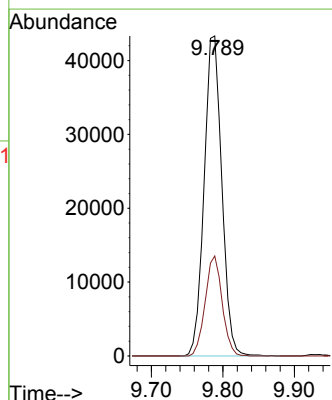
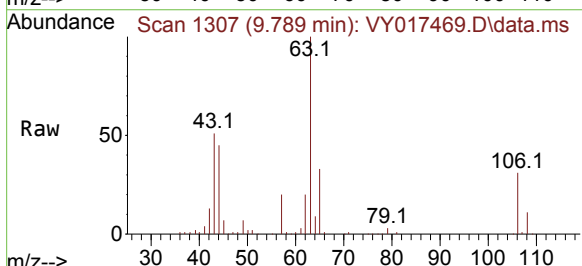
Acq: 23 Feb 2024 17:10

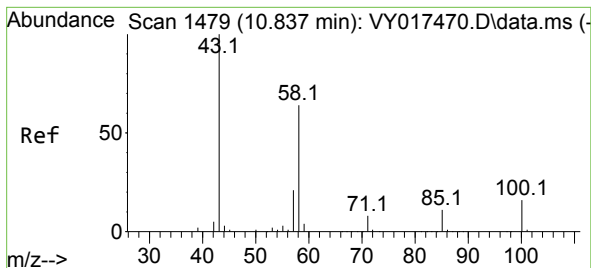
Tgt Ion: 63 Resp: 74243

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5





#59

2-Hexanone

Concen: 101.284 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

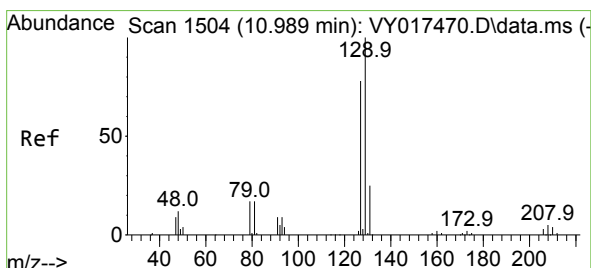
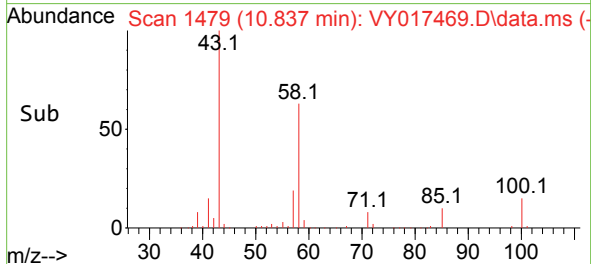
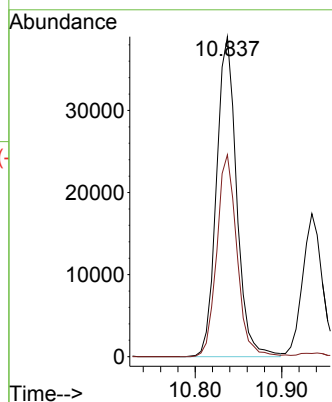
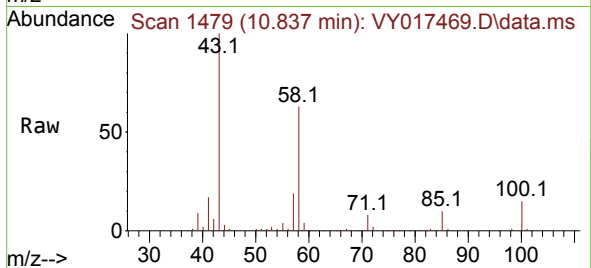
VSTDICC020

Tgt Ion: 43 Resp: 63008

Ion Ratio Lower Upper

43 100

58 63.2 31.4 94.0



#60

Dibromochloromethane

Concen: 20.043 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY017469.D

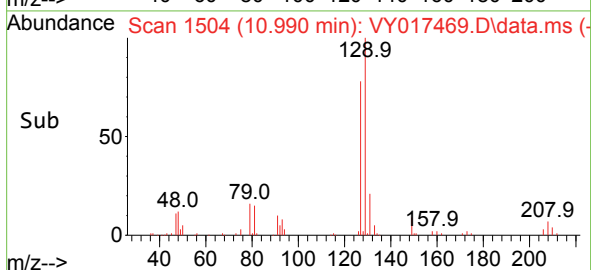
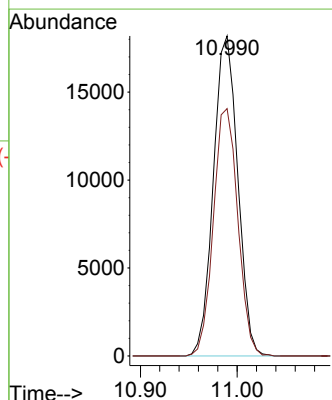
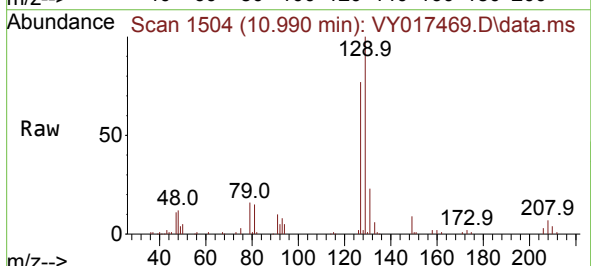
Acq: 23 Feb 2024 17:10

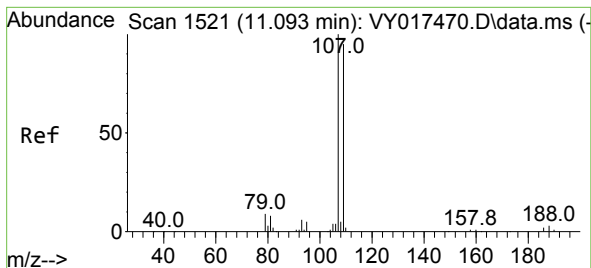
Tgt Ion:129 Resp: 31872

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0

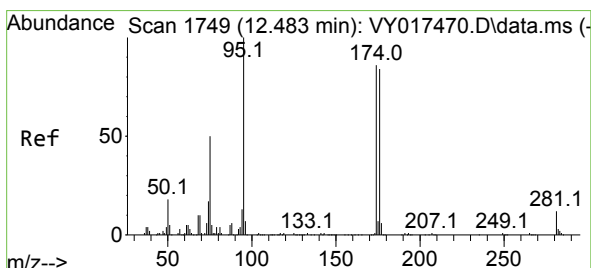
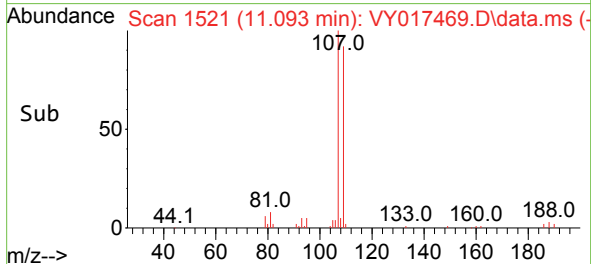
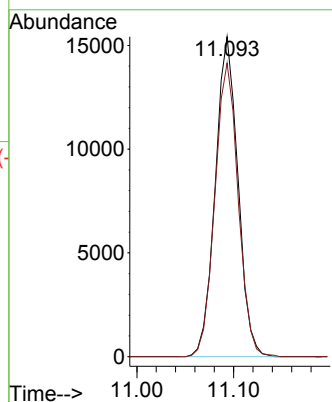
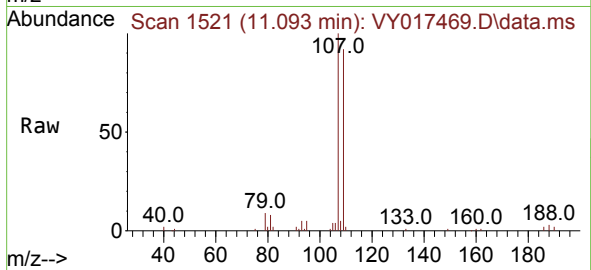




#61
1,2-Dibromoethane
Concen: 20.238 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

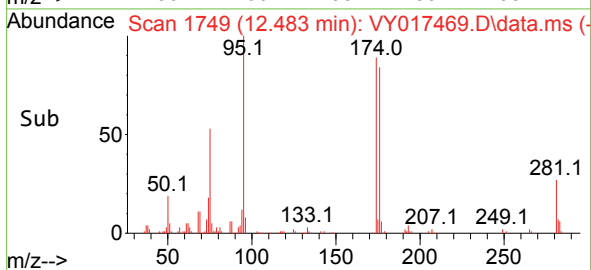
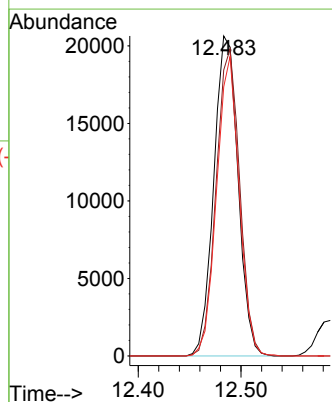
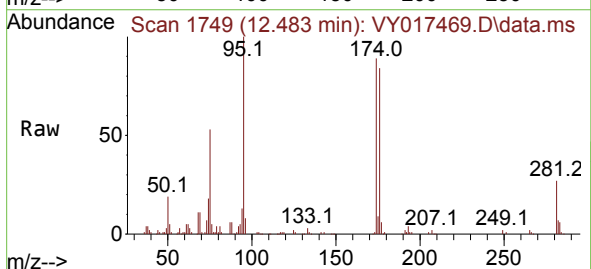
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

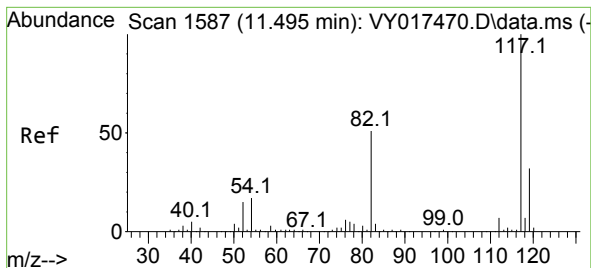
Tgt Ion:107 Resp: 25070
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 17.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 95 Resp: 33719
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 87.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

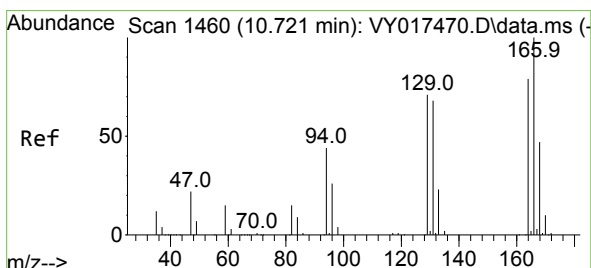
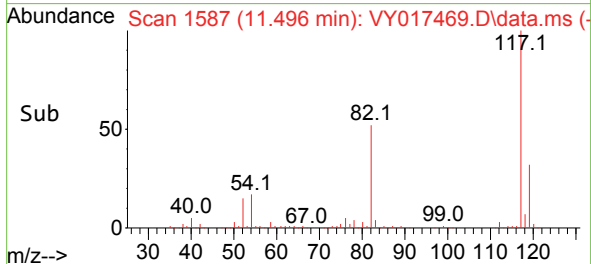
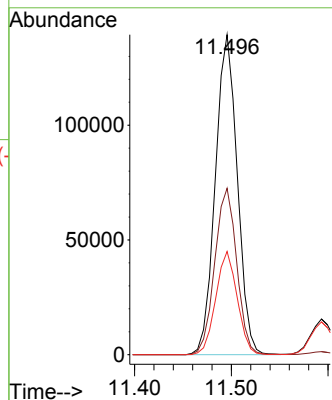
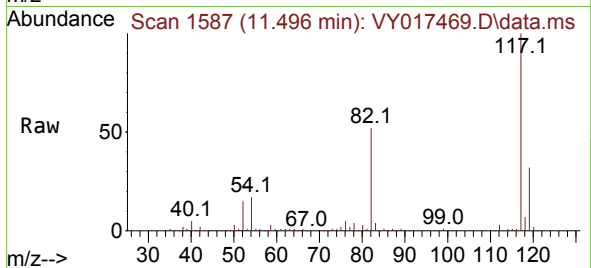
Tgt Ion:117 Resp: 220013

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 20.764 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion:164 Resp: 43849

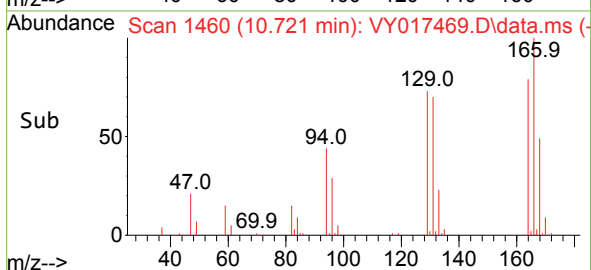
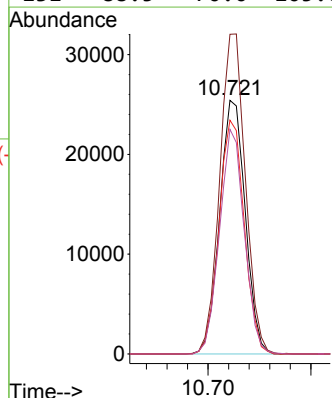
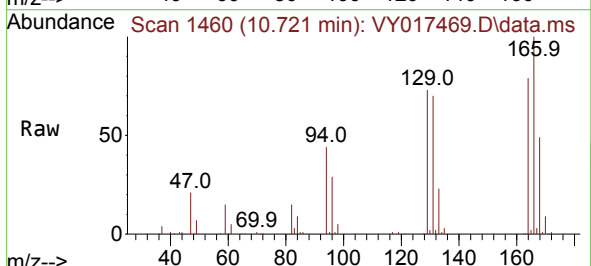
Ion Ratio Lower Upper

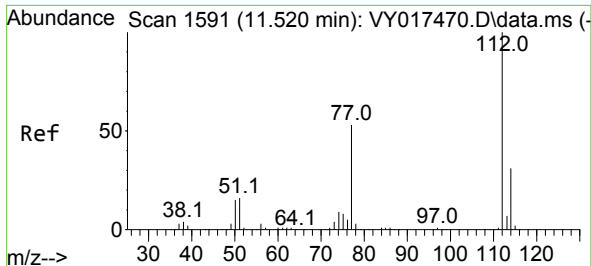
164 100

166 126.0 102.6 154.0

129 92.1 72.0 108.0

131 88.5 70.0 105.0

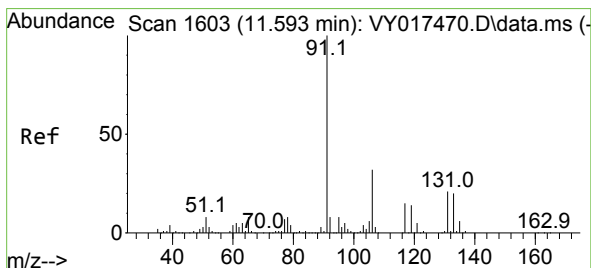
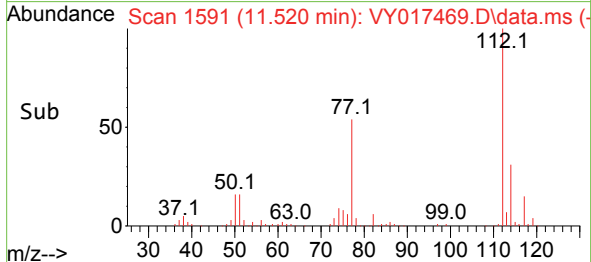
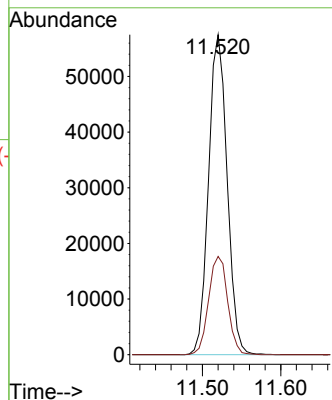
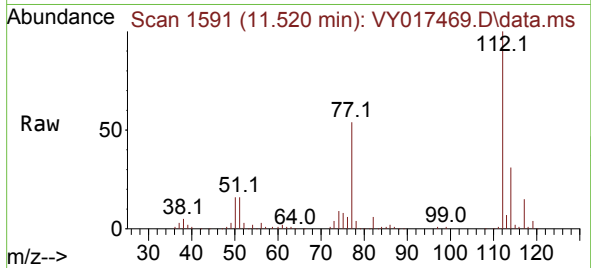




#65
Chlorobenzene
Concen: 20.259 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

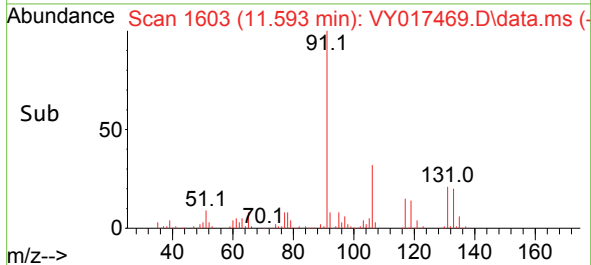
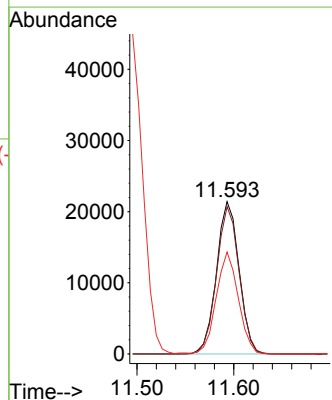
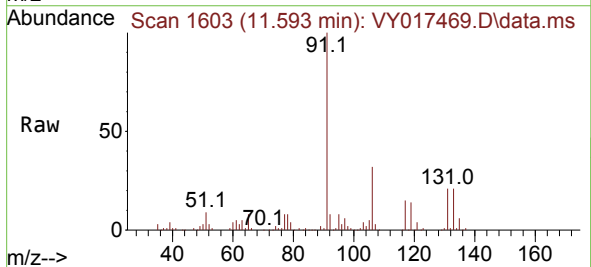
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

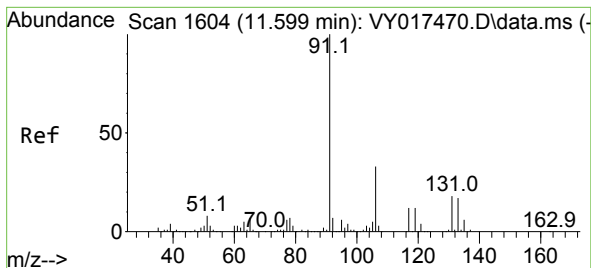
Tgt Ion:112 Resp: 94609
Ion Ratio Lower Upper
112 100
114 30.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.845 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:131 Resp: 34719
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 65.3 34.1 102.2





#67

Ethyl Benzene

Concen: 19.761 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

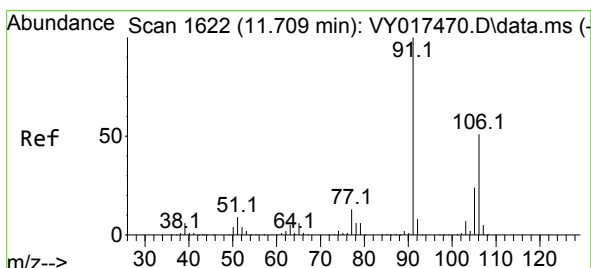
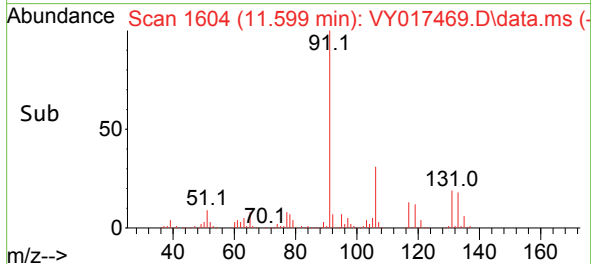
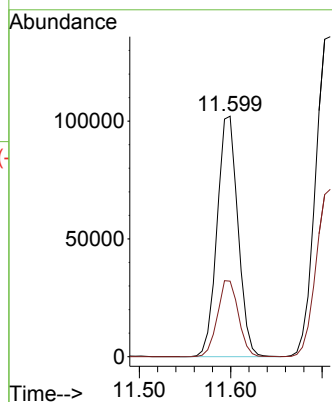
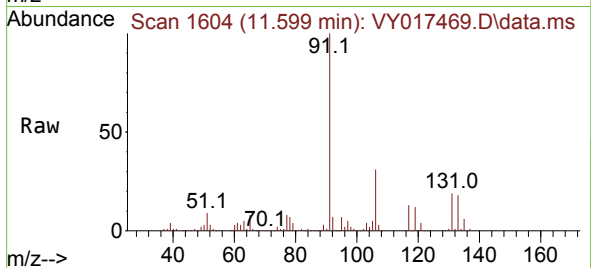
VSTDICC020

Tgt Ion: 91 Resp: 161844

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 39.809 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017469.D

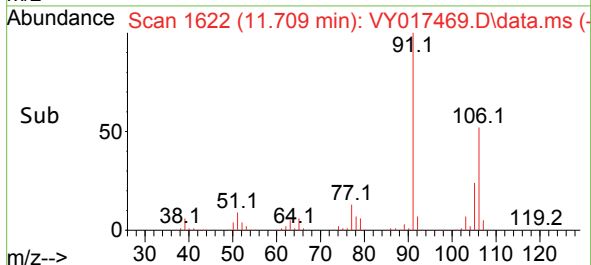
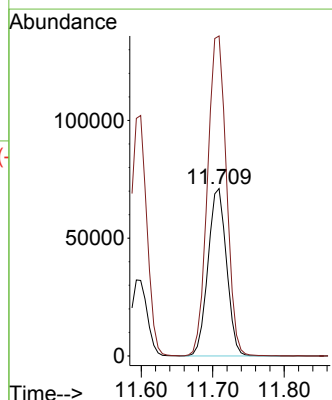
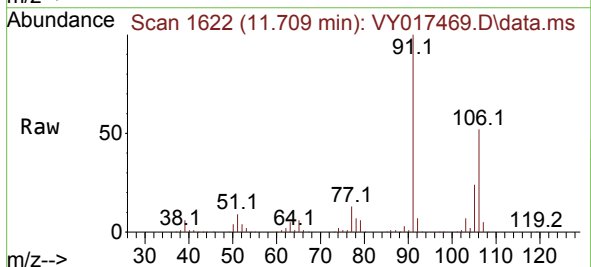
Acq: 23 Feb 2024 17:10

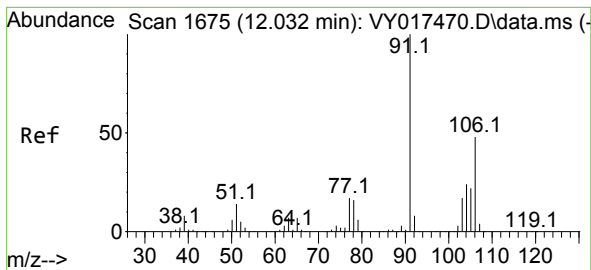
Tgt Ion:106 Resp: 128111

Ion Ratio Lower Upper

106 100

91 194.9 156.0 234.0





#69

o-Xylene

Concen: 19.725 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

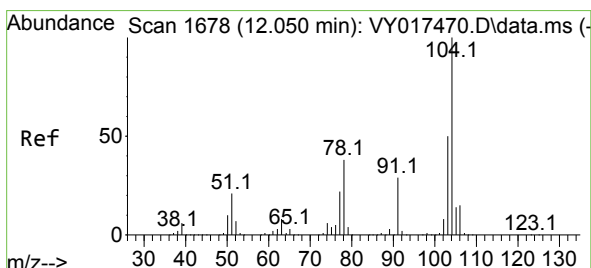
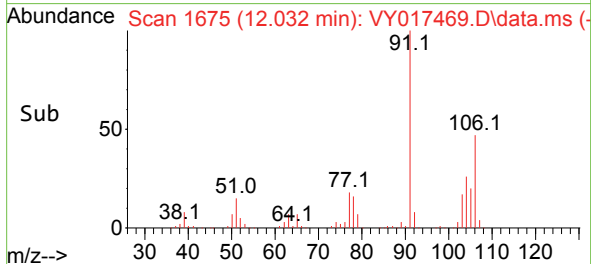
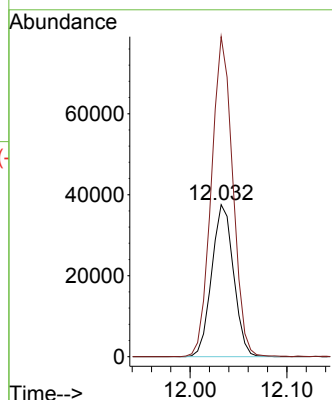
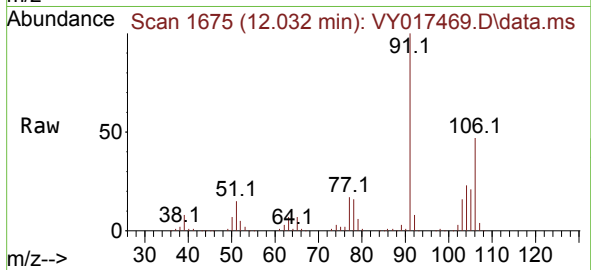
VSTDIC020

Tgt Ion:106 Resp: 58891

Ion Ratio Lower Upper

106 100

91 206.8 103.6 310.8



#70

Styrene

Concen: 19.785 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

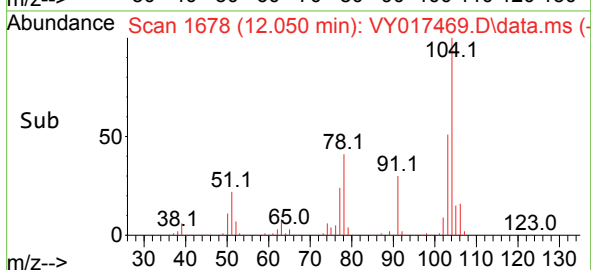
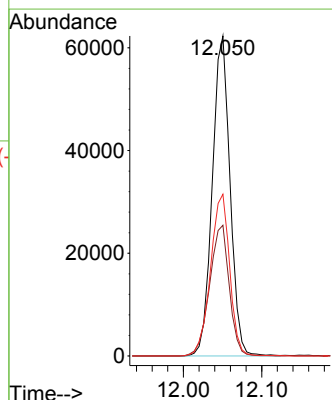
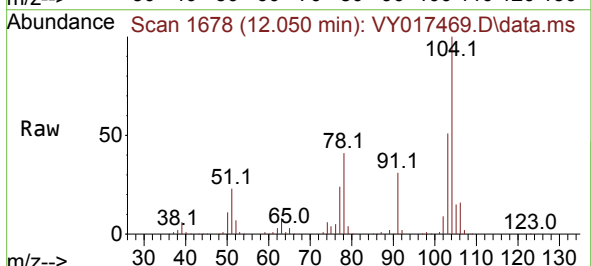
Tgt Ion:104 Resp: 98048

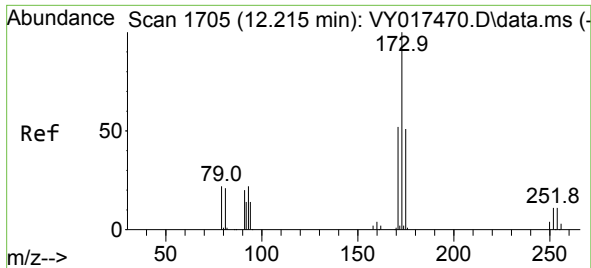
Ion Ratio Lower Upper

104 100

78 45.3 37.0 55.4

103 54.6 44.2 66.2

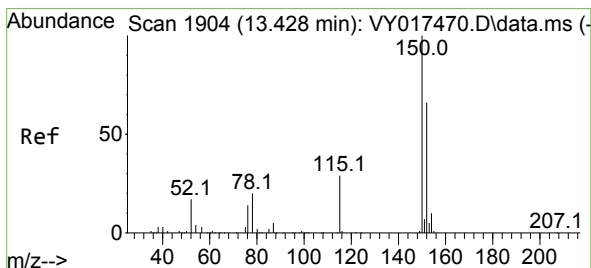
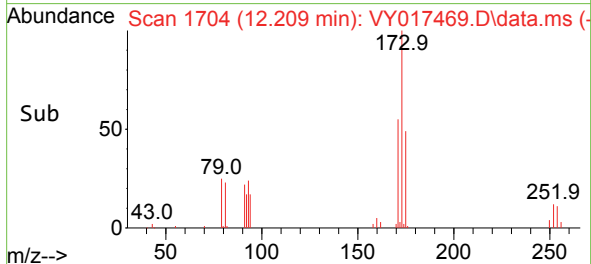
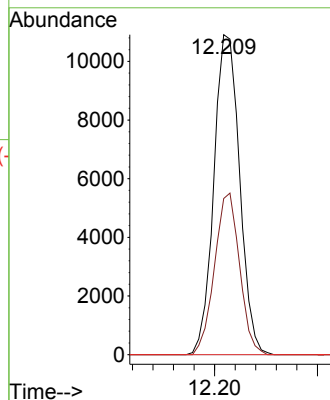
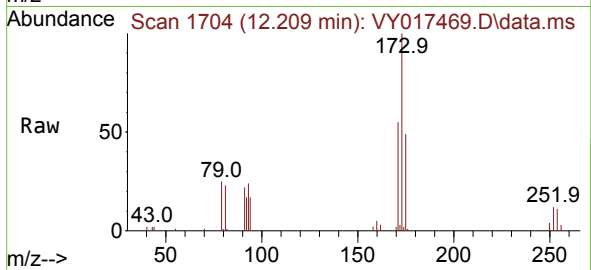




#71
Bromoform
Concen: 19.587 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

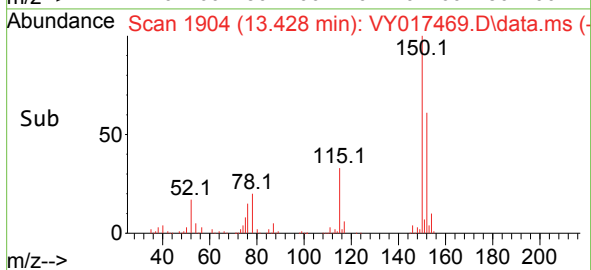
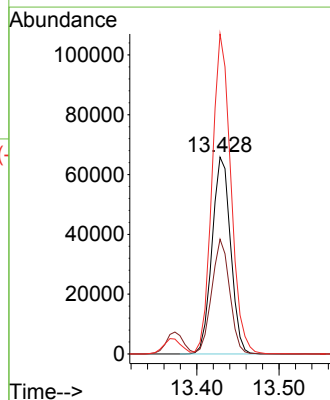
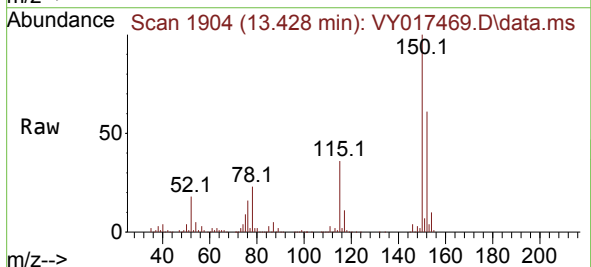
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

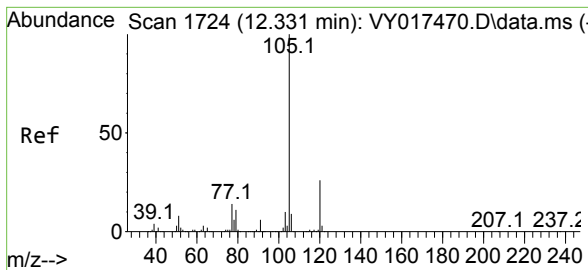
Tgt Ion:173 Resp: 18989
Ion Ratio Lower Upper
173 100
175 49.1 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:152 Resp: 103236
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 164.7 0.0 345.6

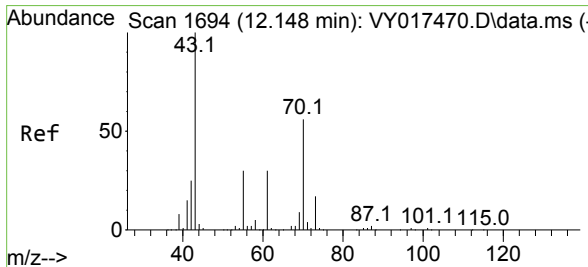
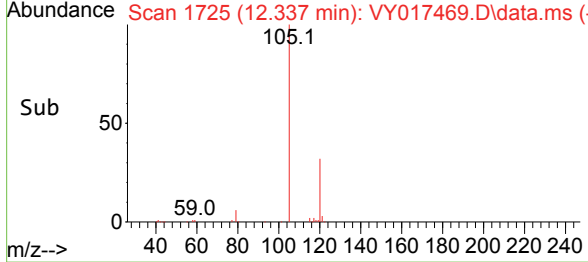
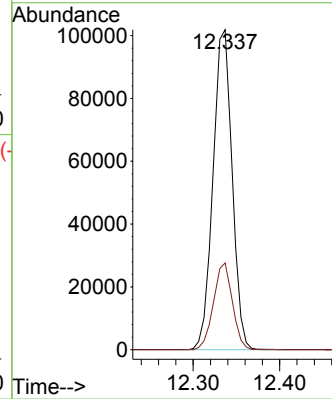
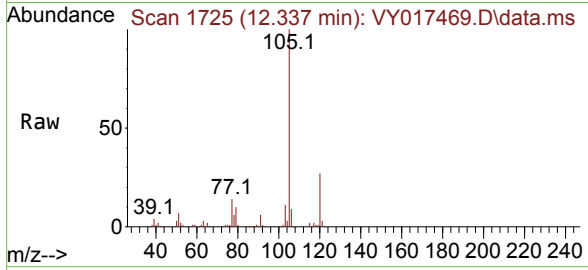




#73
Isopropylbenzene
Concen: 20.351 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

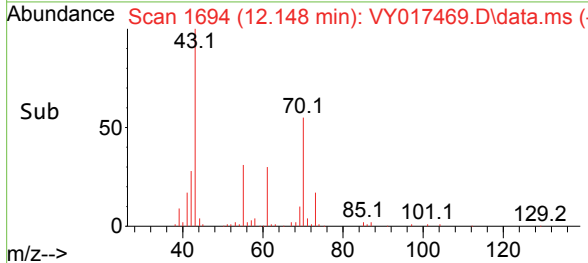
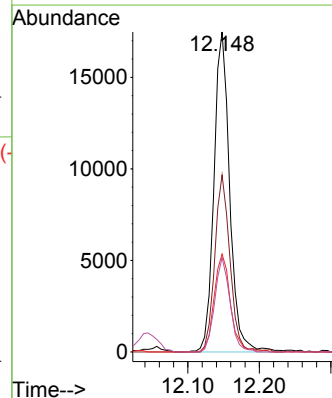
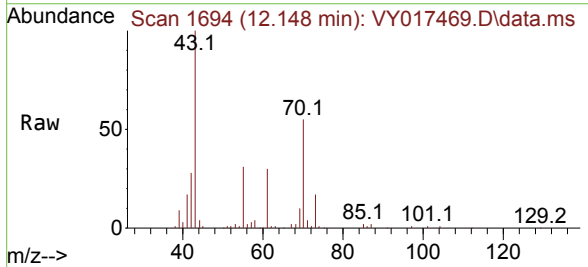
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

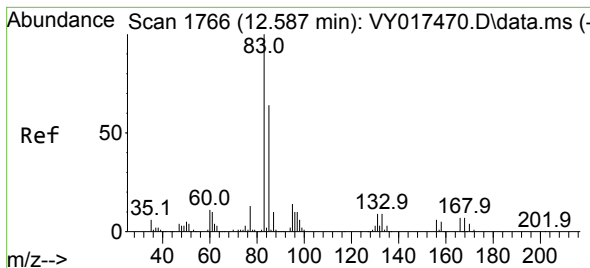
Tgt Ion:105 Resp: 156088
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 19.806 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 43 Resp: 26792
Ion Ratio Lower Upper
43 100
70 53.4 41.4 62.2
55 31.7 23.3 34.9
61 28.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.360 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

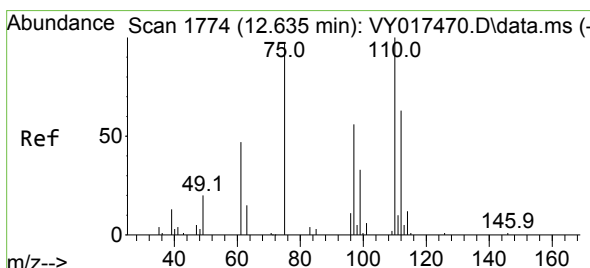
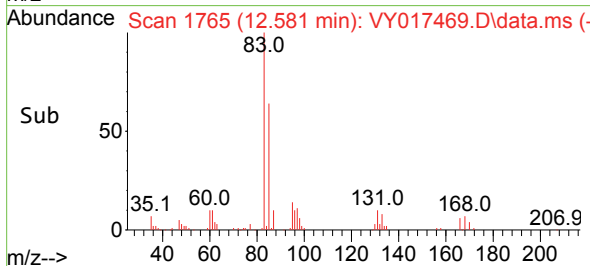
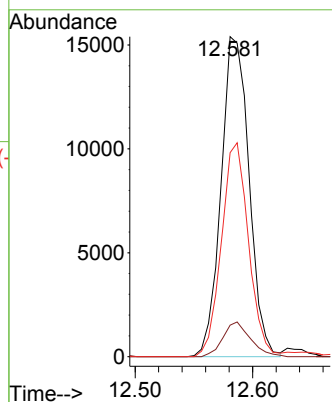
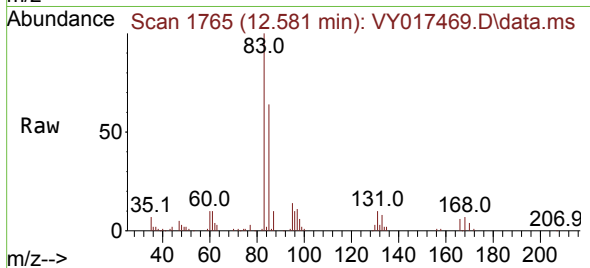
Tgt Ion: 83 Resp: 25499

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.805 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017469.D

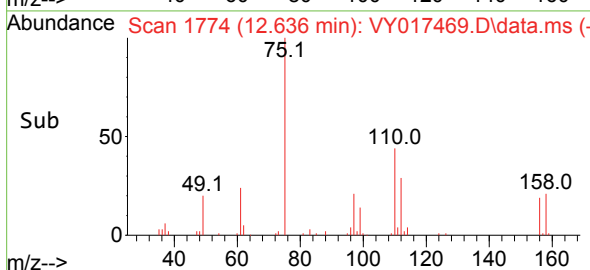
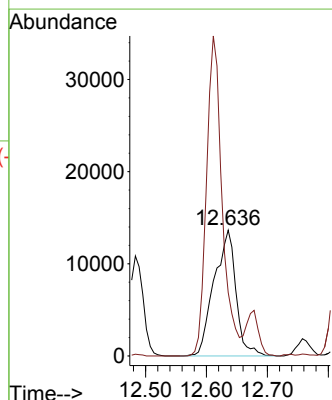
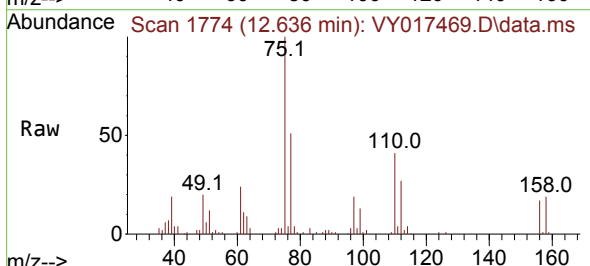
Acq: 23 Feb 2024 17:10

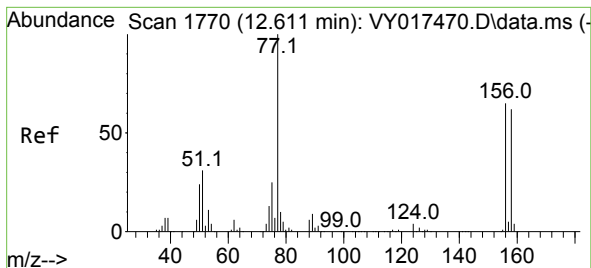
Tgt Ion: 75 Resp: 34140

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.040 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

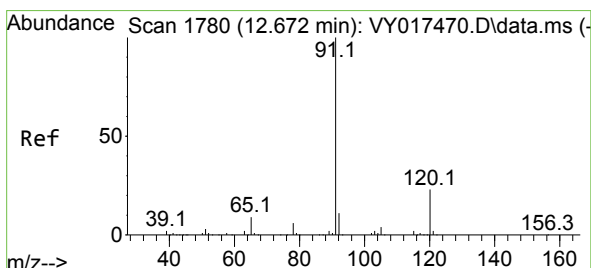
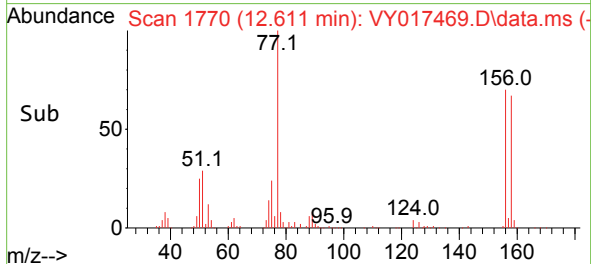
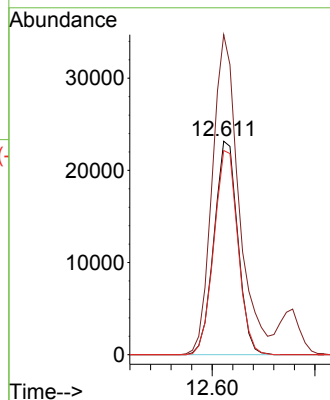
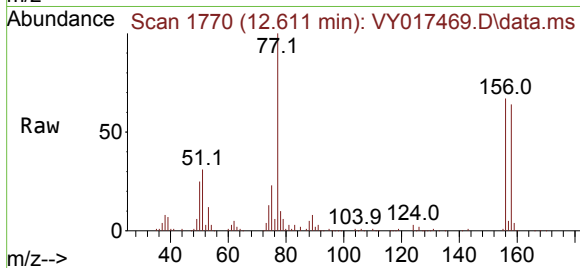
Tgt Ion:156 Resp: 37222

Ion Ratio Lower Upper

156 100

77 166.8 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 20.639 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017469.D

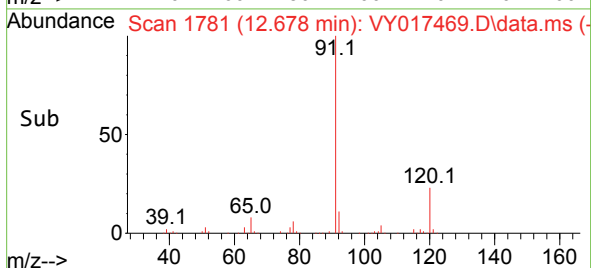
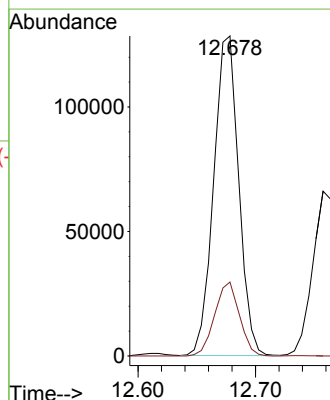
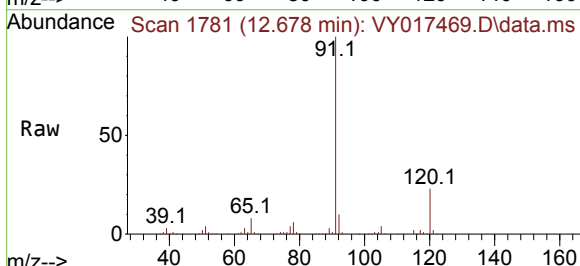
Acq: 23 Feb 2024 17:10

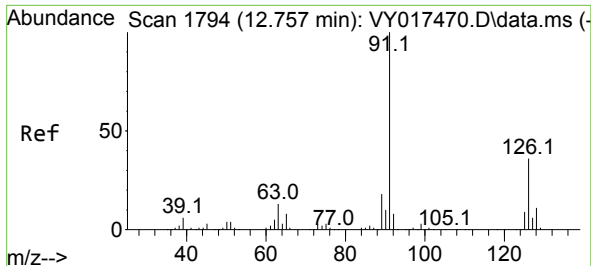
Tgt Ion: 91 Resp: 189938

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

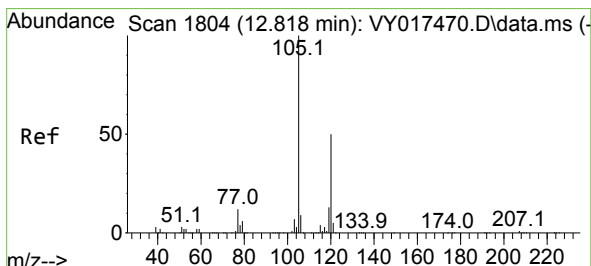
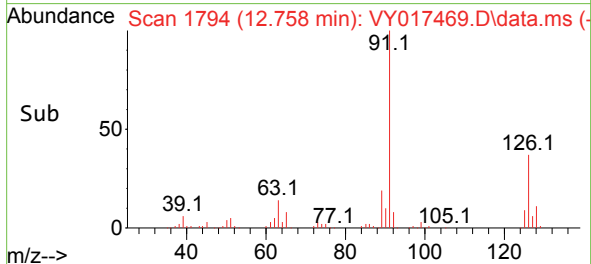
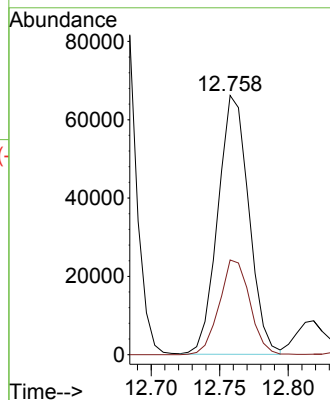
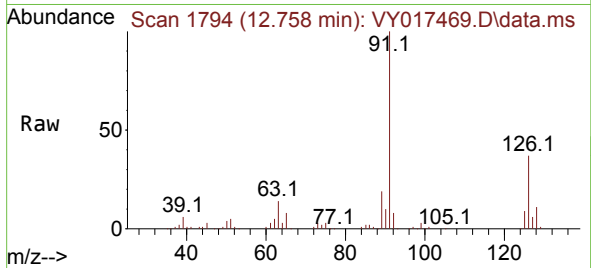




#79
2-Chlorotoluene
Concen: 20.202 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

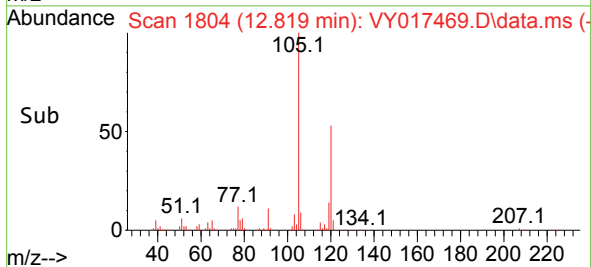
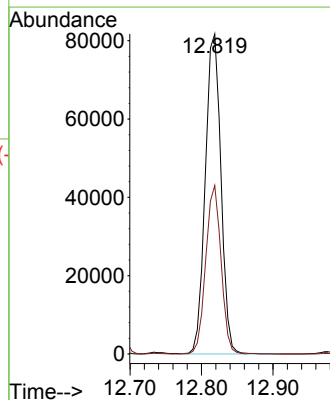
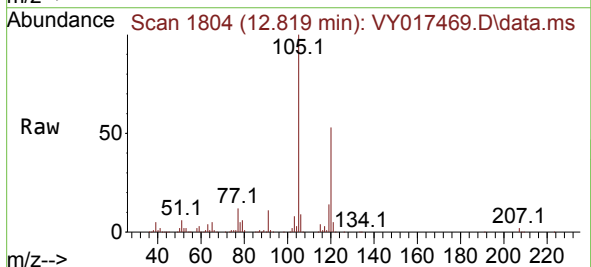
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

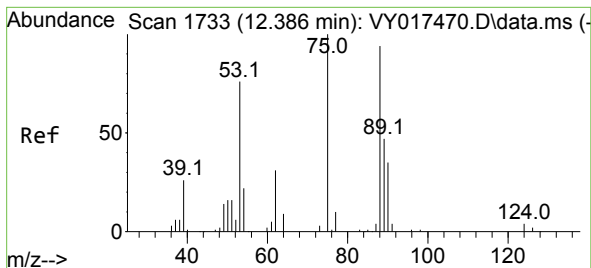
Tgt Ion: 91 Resp: 104089
Ion Ratio Lower Upper
91 100
126 36.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.277 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:105 Resp: 124597
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.2

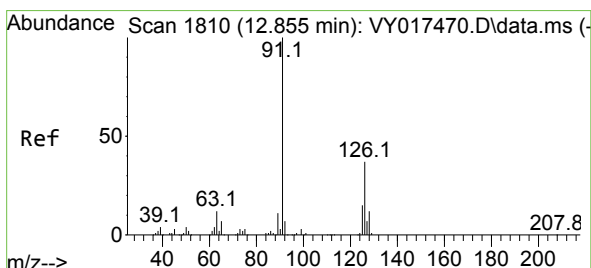
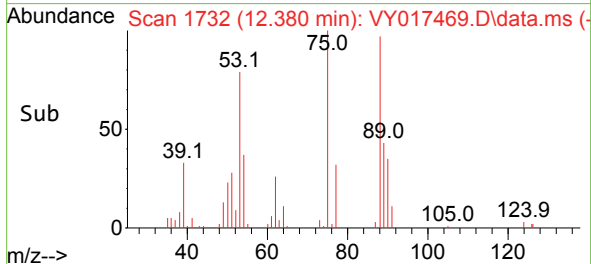
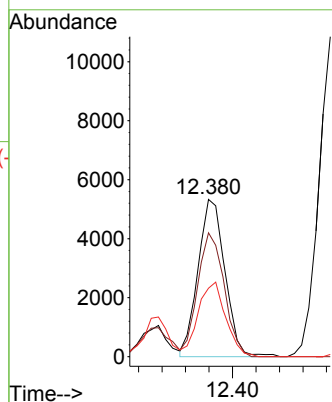
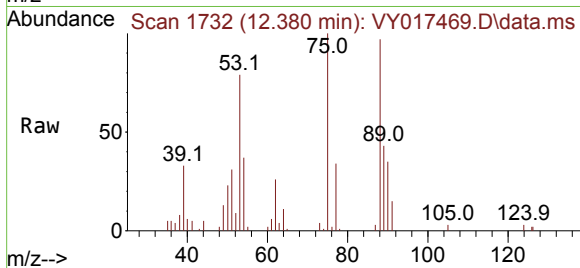




#81
trans-1,4-Dichloro-2-butene
Concen: 19.916 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

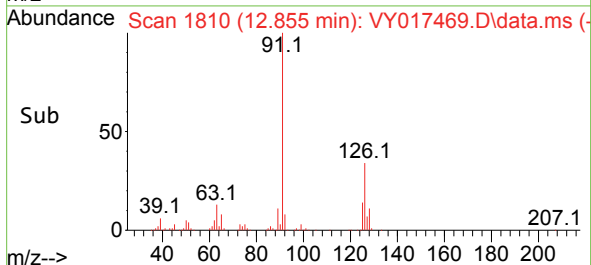
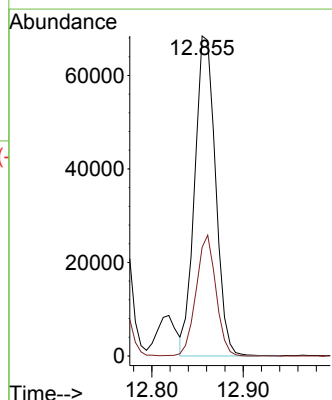
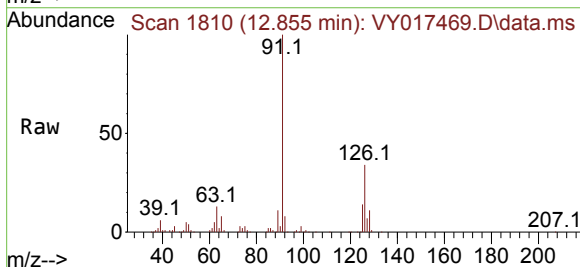
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

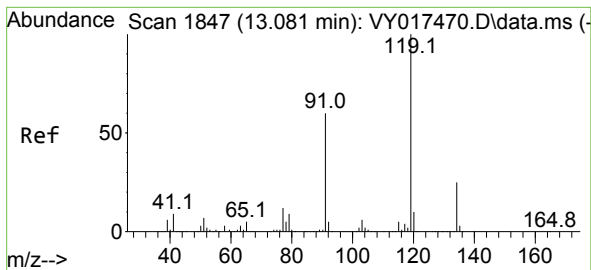
Tgt Ion: 75 Resp: 8502
Ion Ratio Lower Upper
75 100
53 77.7 66.8 100.2
89 48.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.567 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 91 Resp: 108388
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9

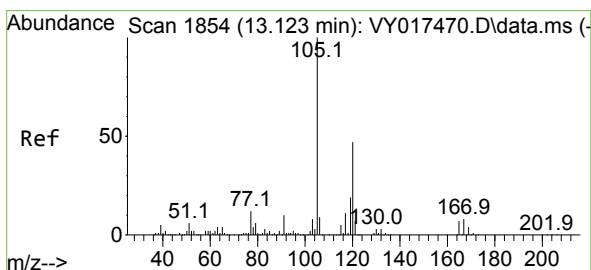
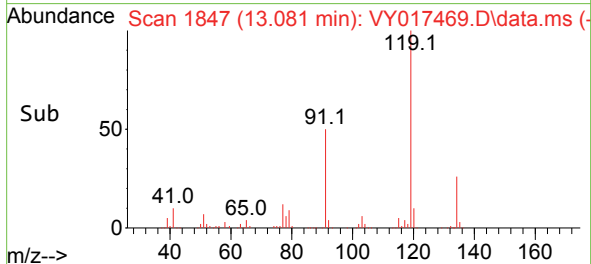
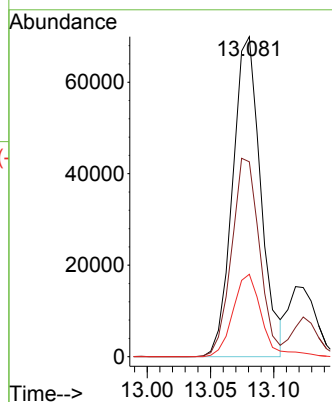
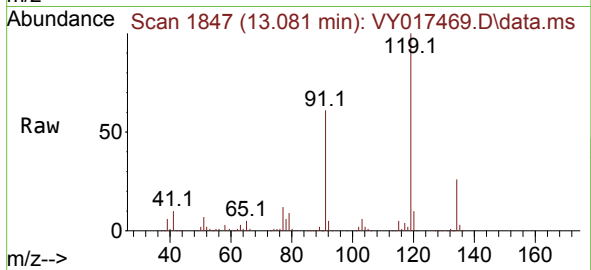




#83
tert-Butylbenzene
Concen: 20.077 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

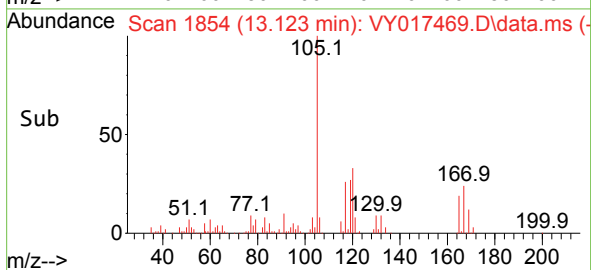
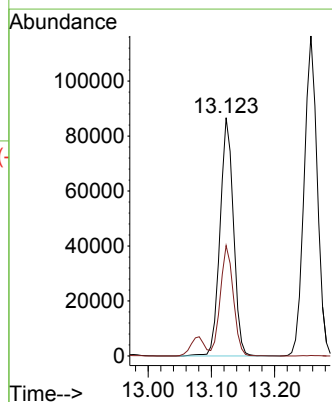
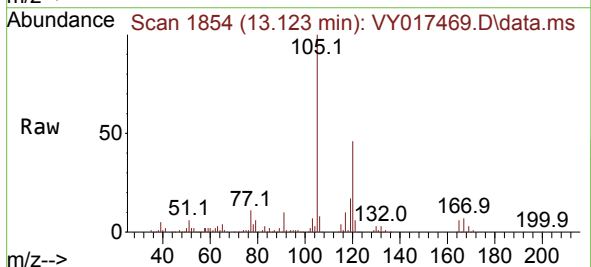
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

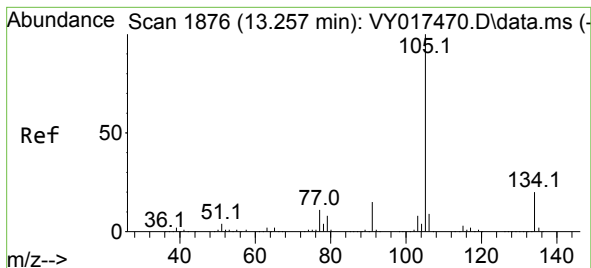
Tgt Ion:119 Resp: 108330
Ion Ratio Lower Upper
119 100
91 61.6 31.3 93.8
134 26.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.915 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion:105 Resp: 126877
Ion Ratio Lower Upper
105 100
120 44.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.279 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

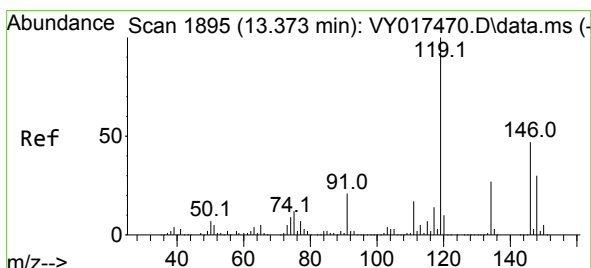
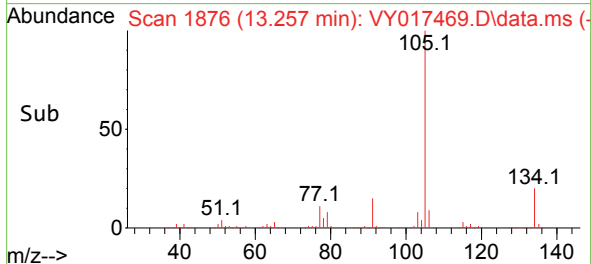
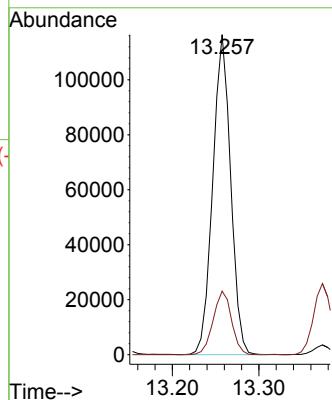
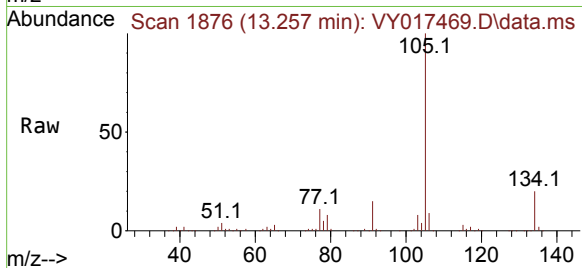
VSTDICC020

Tgt Ion:105 Resp: 167296

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.957 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

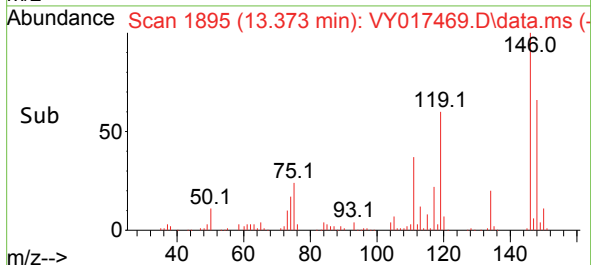
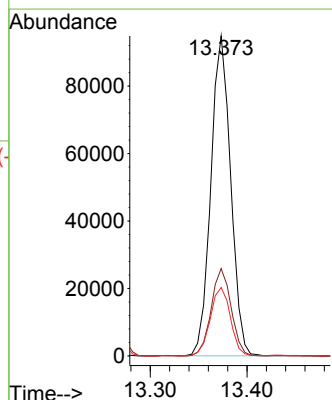
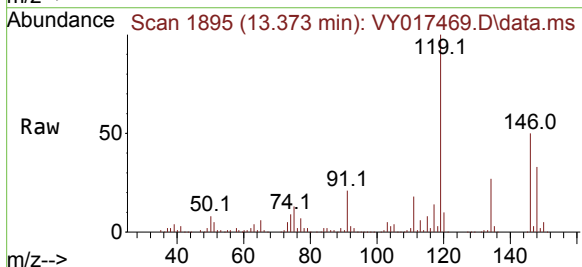
Tgt Ion:119 Resp: 134774

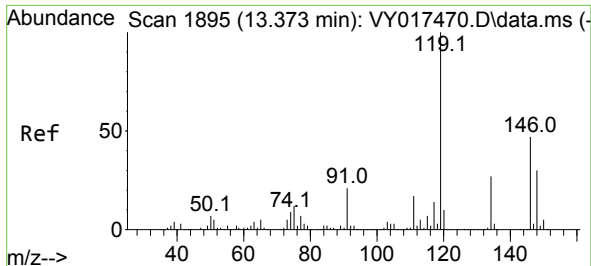
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.836 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

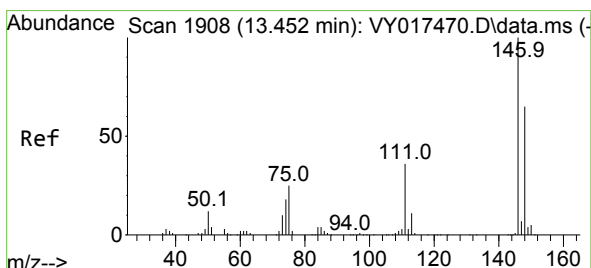
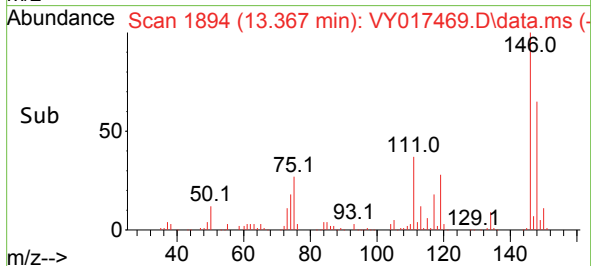
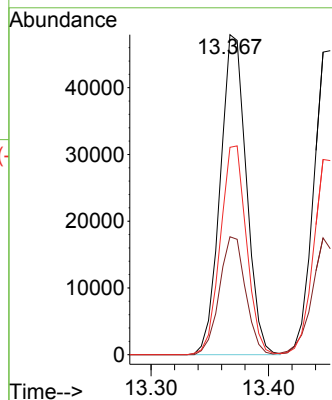
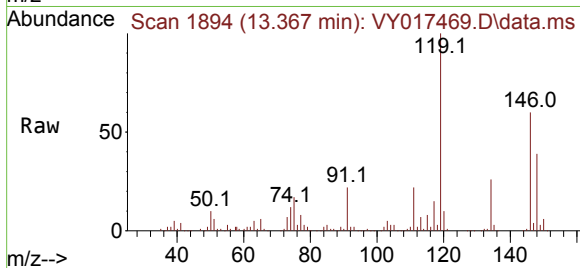
Tgt Ion:146 Resp: 73951

Ion Ratio Lower Upper

146 100

111 36.9 19.0 57.0

148 65.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.253 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

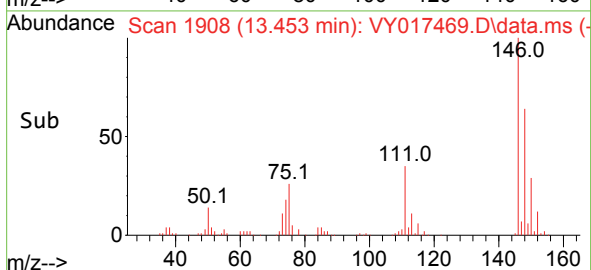
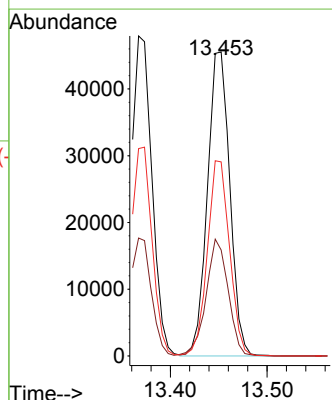
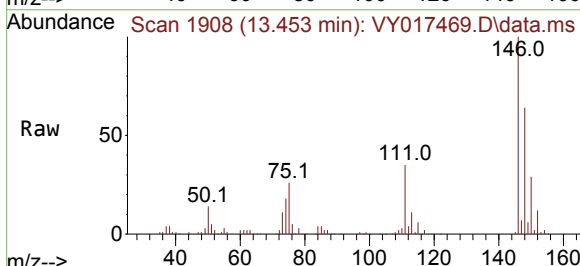
Tgt Ion:146 Resp: 73408

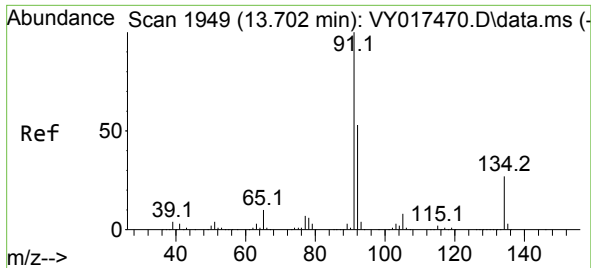
Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.4

148 63.6 32.4 97.2

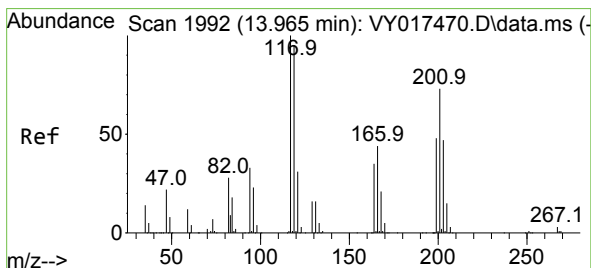
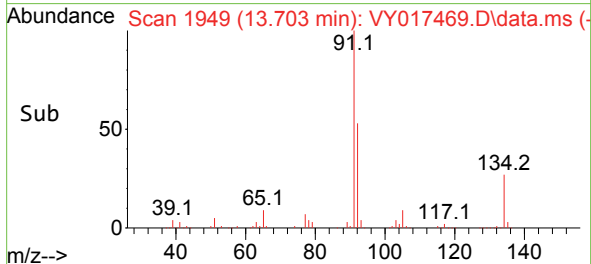
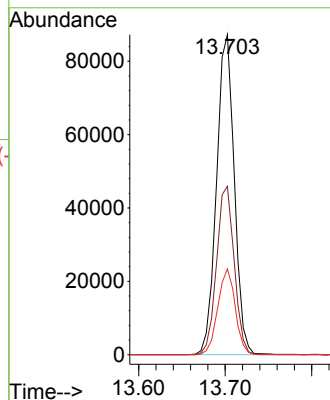
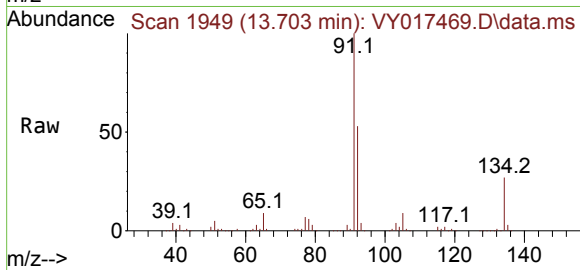




#89
n-Butylbenzene
Concen: 20.161 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

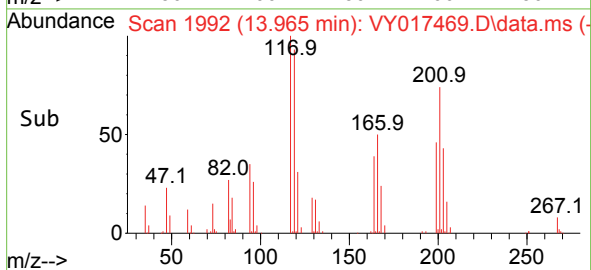
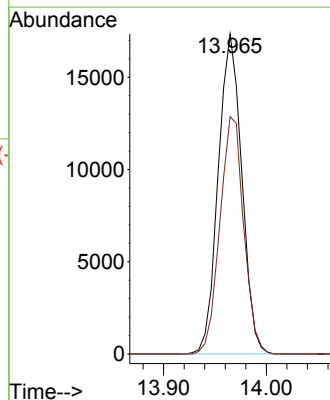
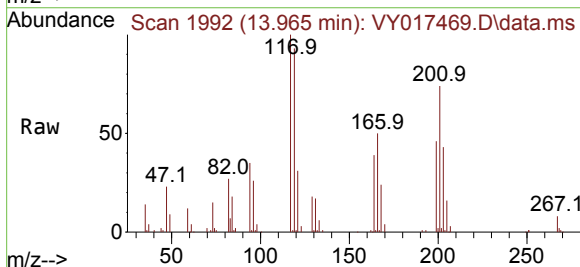
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

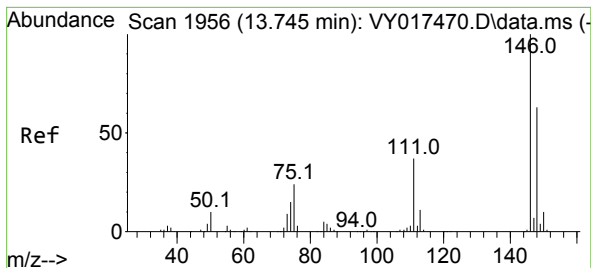
Tgt Ion: 91 Resp: 124217
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 26.2 12.9 38.7



#90
Hexachloroethane
Concen: 20.344 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017469.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 117 Resp: 27543
Ion Ratio Lower Upper
117 100
201 75.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.122 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

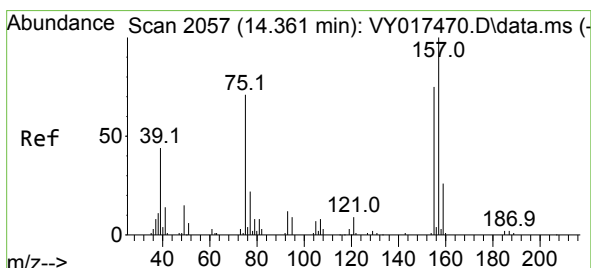
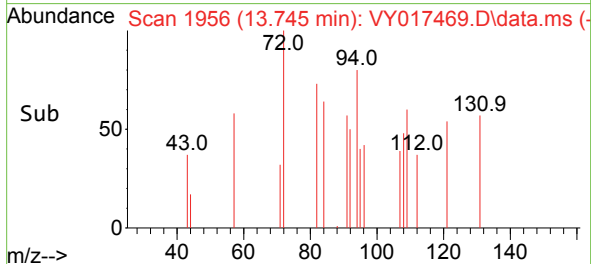
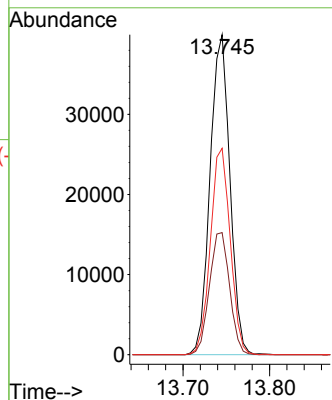
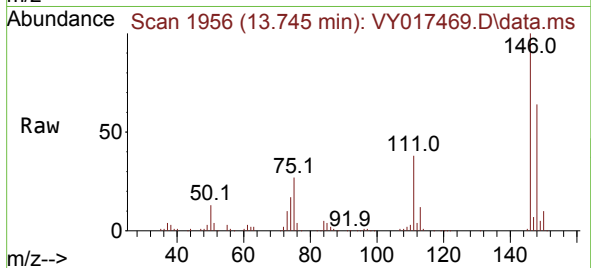
Tgt Ion:146 Resp: 63453

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 64.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.113 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

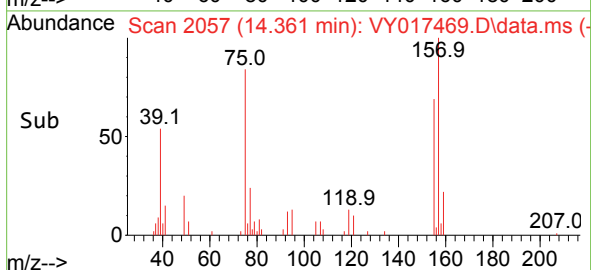
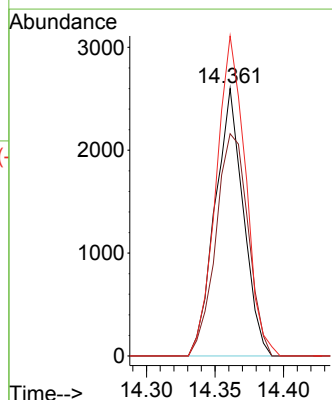
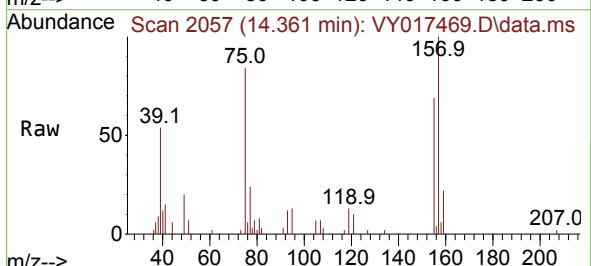
Tgt Ion: 75 Resp: 3724

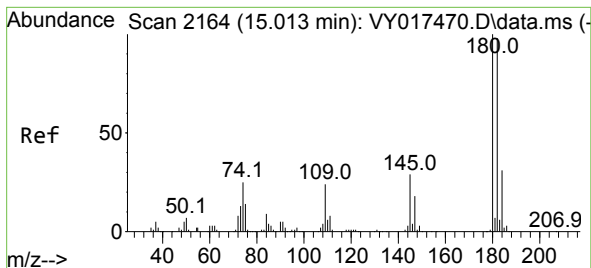
Ion Ratio Lower Upper

75 100

155 94.9 48.6 145.8

157 124.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.169 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

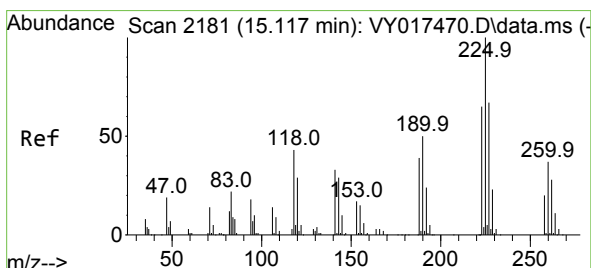
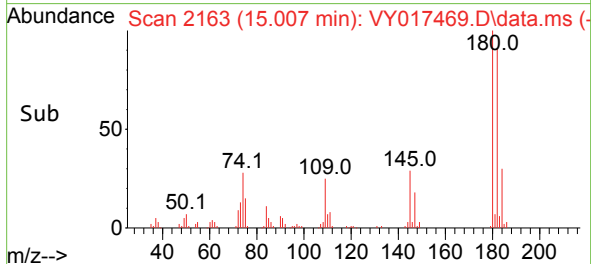
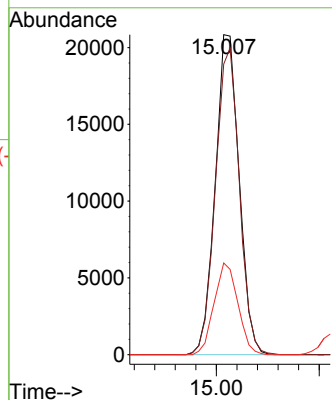
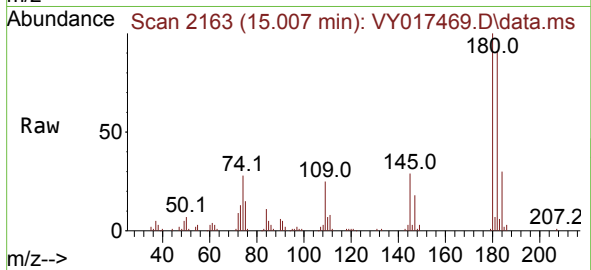
Tgt Ion:180 Resp: 33596

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.8

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.739 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

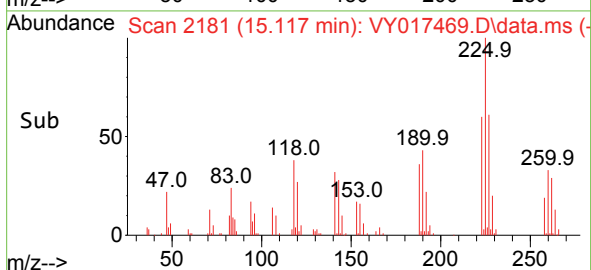
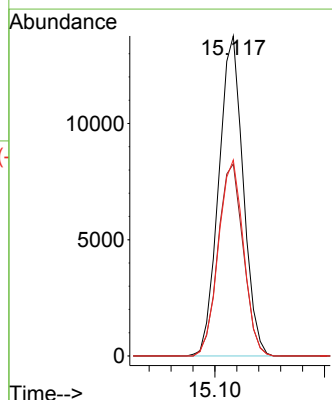
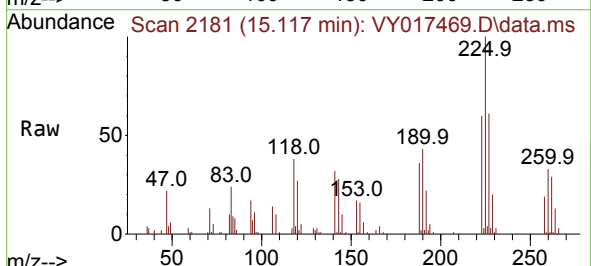
Tgt Ion:225 Resp: 21328

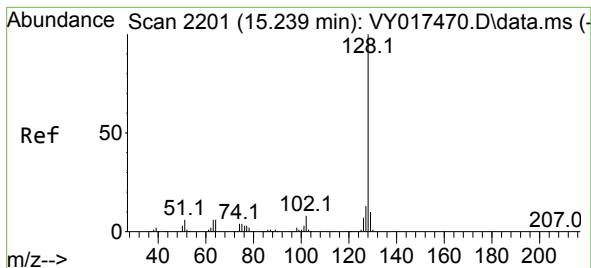
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 62.5 31.9 95.9





#95

Naphthalene

Concen: 19.618 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

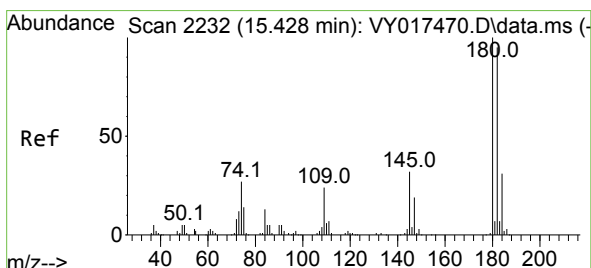
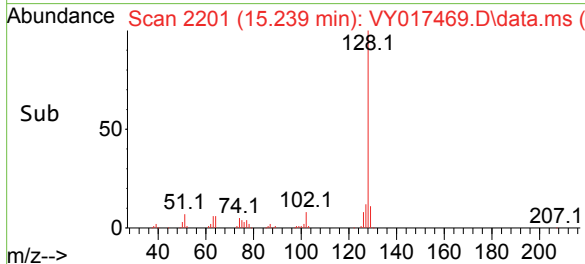
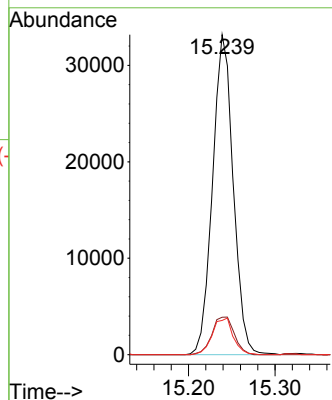
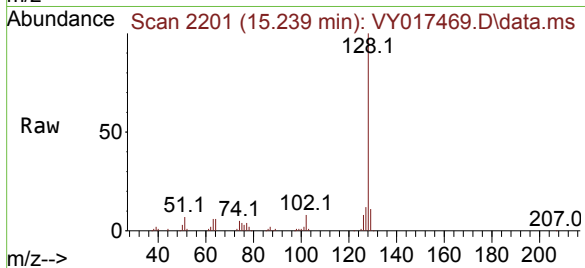
Tgt Ion:128 Resp: 54989

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.333 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017469.D

Acq: 23 Feb 2024 17:10

Tgt Ion:180 Resp: 29055

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 31.2 15.4 46.1

