

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018165.D
 Acq On : 07 May 2024 10:16
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: May 08 01:15:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	256962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	364791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38721	20.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.960%#
35) Dibromofluoromethane	7.716	113	45470	20.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.840%#
50) Toluene-d8	10.179	98	181417	20.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.360%#
62) 4-Bromofluorobenzene	12.477	95	58931	20.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	37672	18.486	ug/l	99
3) Chloromethane	2.107	50	46990	17.226	ug/l	97
4) Vinyl Chloride	2.247	62	57015	17.242	ug/l	98
5) Bromomethane	2.637	94	39907	17.377	ug/l	95
6) Chloroethane	2.784	64	37195	17.723	ug/l	96
7) Trichlorofluoromethane	3.119	101	69649	17.982	ug/l	91
8) Diethyl Ether	3.521	74	23487	18.420	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	44712	18.113	ug/l	99
10) Methyl Iodide	4.082	142	51159	17.747	ug/l	100
11) Tert butyl alcohol	4.942	59	20325	115.983	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	43302	17.425	ug/l	94
13) Acrolein	3.717	56	23067	122.554	ug/l	97
14) Allyl chloride	4.466	41	56741	17.948	ug/l	96
15) Acrylonitrile	5.155	53	49584	101.120	ug/l	98
16) Acetone	3.942	43	33027	87.548	ug/l	97
17) Carbon Disulfide	4.186	76	110404	16.319	ug/l	98
18) Methyl Acetate	4.466	43	22742	21.163	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	106097	19.166	ug/l	99
20) Methylene Chloride	4.704	84	49194	18.449	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	46834	17.779	ug/l	97
22) Diisopropyl ether	6.112	45	125385	18.697	ug/l	95
23) Vinyl Acetate	6.052	43	381322	93.552	ug/l	100
24) 1,1-Dichloroethane	6.009	63	75052	18.170	ug/l	98
25) 2-Butanone	6.978	43	57736	95.744	ug/l	96
26) 2,2-Dichloropropane	6.972	77	67685	18.105	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	57892	18.597	ug/l	95
28) Bromochloromethane	7.326	49	31609	19.146	ug/l	96
29) Tetrahydrofuran	7.350	42	39297	98.723	ug/l	96
30) Chloroform	7.502	83	79891	18.527	ug/l	97
31) Cyclohexane	7.783	56	67245	16.856	ug/l #	92
32) 1,1,1-Trichloroethane	7.698	97	69765	18.051	ug/l	99
36) 1,1-Dichloropropene	7.911	75	56710	17.768	ug/l	97
37) Ethyl Acetate	7.070	43	26605	19.805	ug/l #	97
38) Carbon Tetrachloride	7.893	117	61562	17.652	ug/l	94
39) Methylcyclohexane	9.179	83	80193	17.416	ug/l	98
40) Benzene	8.155	78	188987	18.408	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15579	20.083	ug/l	94
42) 1,2-Dichloroethane	8.234	62	42144	18.867	ug/l	97
43) Isopropyl Acetate	8.271	43	52994	19.246	ug/l	97
44) Trichloroethene	8.935	130	50882	18.206	ug/l	96
45) 1,2-Dichloropropane	9.216	63	42635	18.995	ug/l	96
46) Dibromomethane	9.301	93	24933	19.323	ug/l	98
47) Bromodichloromethane	9.496	83	59429	18.630	ug/l	97
48) Methyl methacrylate	9.289	41	24462	19.384	ug/l	95
49) 1,4-Dioxane	9.295	88	6724	392.581	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	136834	98.872	ug/l	96
52) Toluene	10.240	92	121332	18.358	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	57278	19.223	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	68420	18.785	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	34276	19.337	ug/l	95
56) Ethyl methacrylate	10.508	69	47937	19.913	ug/l #	92
57) 1,3-Dichloropropane	10.788	76	56227	19.490	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	110743	96.337	ug/l	94
59) 2-Hexanone	10.831	43	94650	97.812	ug/l	95
60) Dibromochloromethane	10.984	129	44694	19.434	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32793	19.642	ug/l	95
64) Tetrachloroethene	10.715	164	43275	17.817	ug/l	96
65) Chlorobenzene	11.514	112	135204	18.198	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	44940	18.700	ug/l	99
67) Ethyl Benzene	11.593	91	230752	18.395	ug/l	95
68) m/p-Xylenes	11.703	106	179692	36.223	ug/l	96
69) o-Xylene	12.026	106	87902	18.464	ug/l	93
70) Styrene	12.044	104	145778	18.336	ug/l	97
71) Bromoform	12.209	173	25480	19.162	ug/l #	97
73) Isopropylbenzene	12.331	105	220611	17.715	ug/l	97
74) N-amyl acetate	12.142	43	49264	19.056	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	37579	18.916	ug/l	99
76) 1,2,3-Trichloropropane	12.624	75	46030	34.621	ug/l #	100
77) Bromobenzene	12.611	156	51661	18.057	ug/l	94
78) n-propylbenzene	12.672	91	256606	17.715	ug/l	97
79) 2-Chlorotoluene	12.758	91	144306	17.928	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	176479	17.971	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	13054	18.917	ug/l	97
82) 4-Chlorotoluene	12.855	91	146814	18.158	ug/l	96
83) tert-Butylbenzene	13.075	119	160160	17.682	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	174835	18.175	ug/l	98
85) sec-Butylbenzene	13.251	105	238466	17.948	ug/l	98
86) p-Isopropyltoluene	13.367	119	197321	18.053	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	100711	18.228	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	99300	18.436	ug/l	99
89) n-Butylbenzene	13.696	91	177670	17.961	ug/l	98
90) Hexachloroethane	13.959	117	38853	18.119	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	87443	18.413	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5159	19.072	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	49029	18.365	ug/l	99
94) Hexachlorobutadiene	15.111	225	26858	18.233	ug/l	99
95) Naphthalene	15.233	128	93814	19.177	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	41452	18.919	ug/l	99

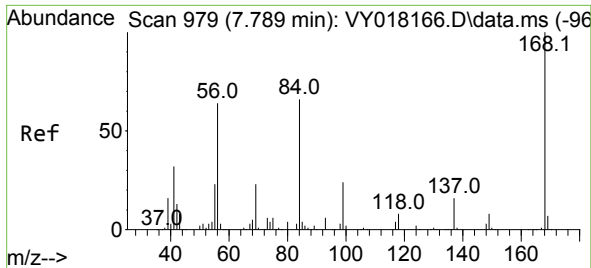
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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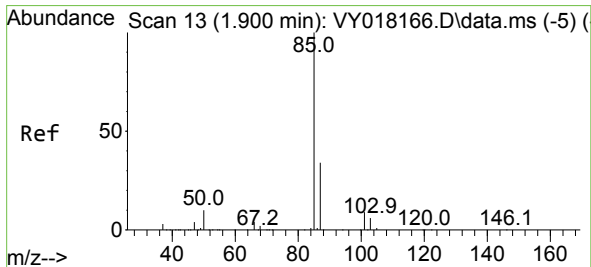
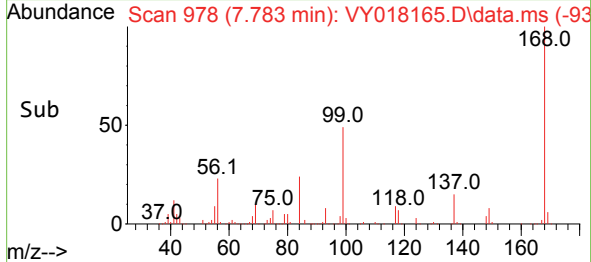
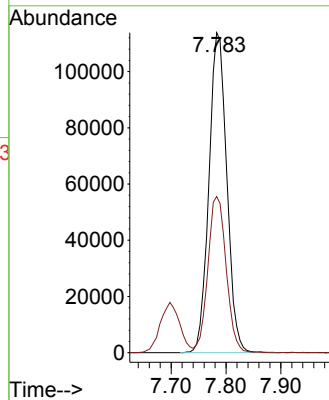
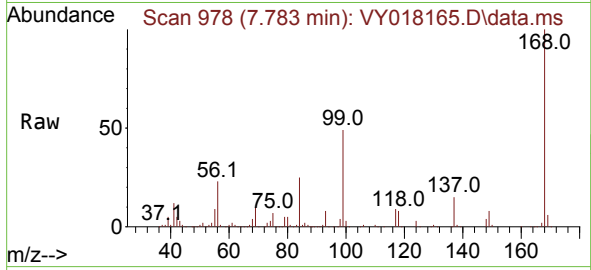
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

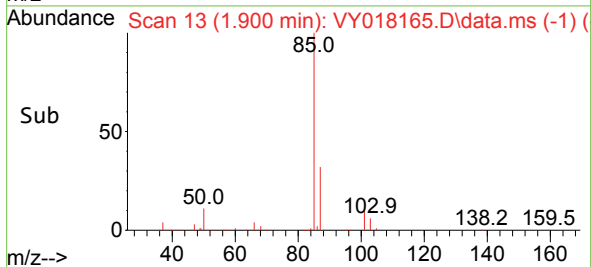
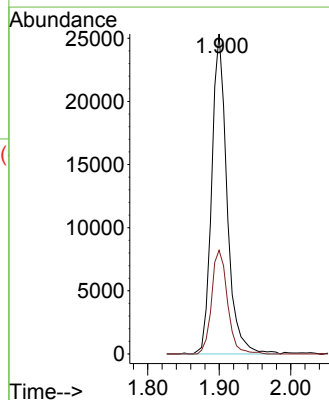
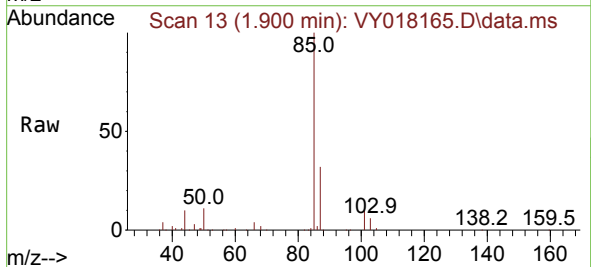
Instrument :
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VSTDIC020

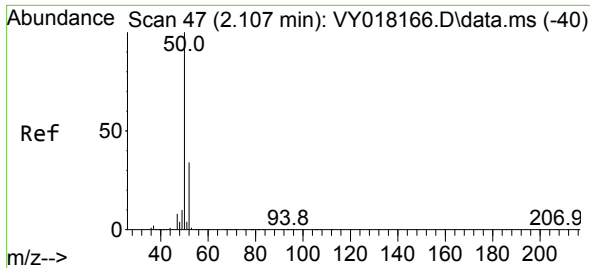
Tgt Ion:168 Resp: 256962
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.486 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 85 Resp: 37672
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

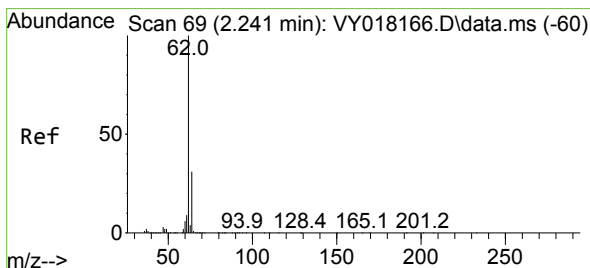
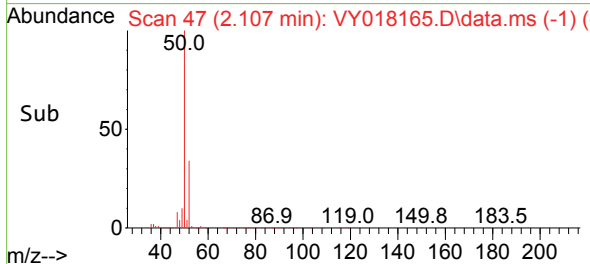
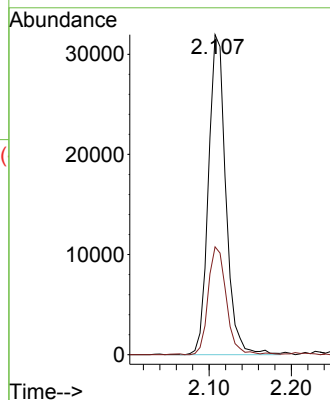
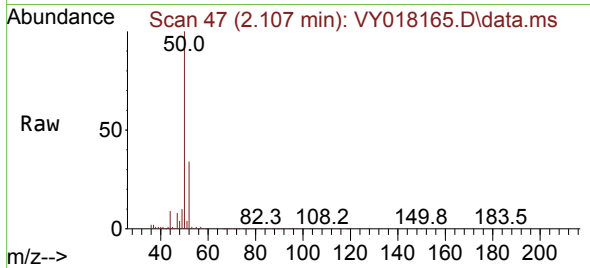




#3
Chloromethane
Concen: 17.226 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

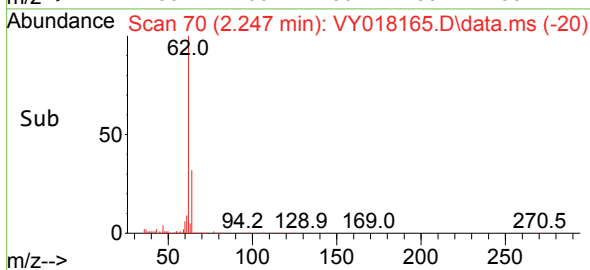
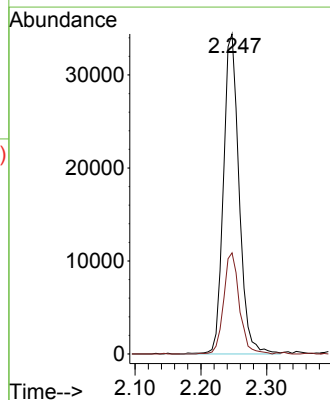
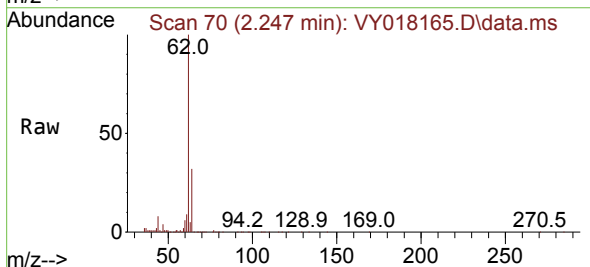
Instrument :
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ClientSampleId :
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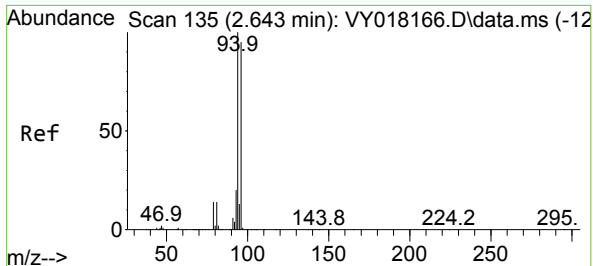
Tgt Ion: 50 Resp: 46990
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4



#4
Vinyl Chloride
Concen: 17.242 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 62 Resp: 57015
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

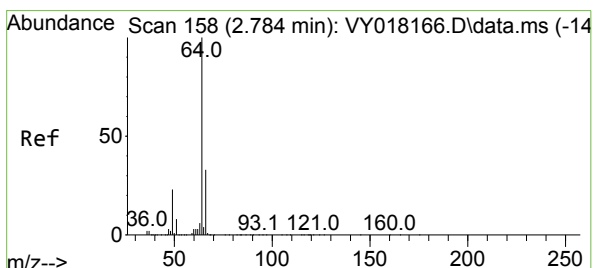
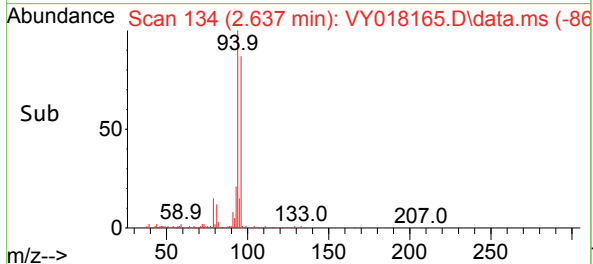
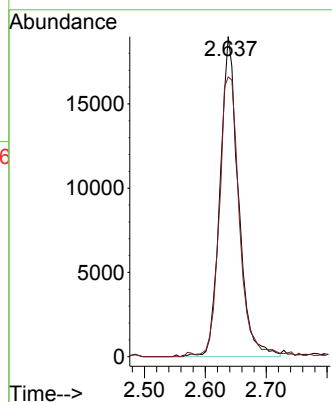
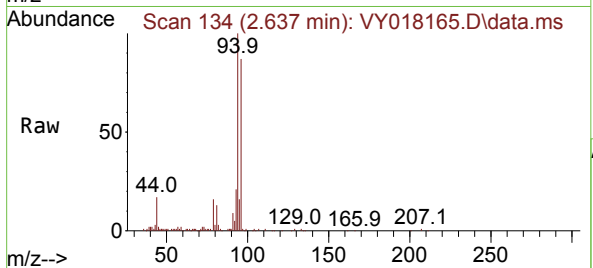




#5
Bromomethane
Concen: 17.377 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

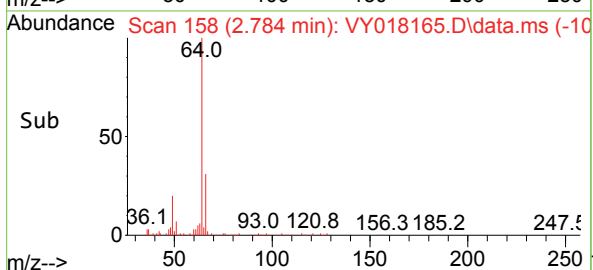
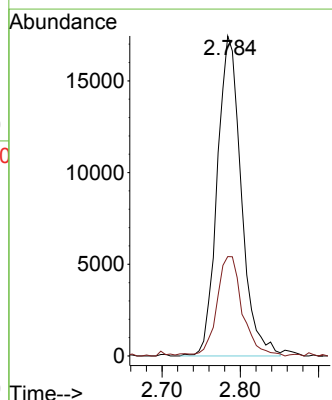
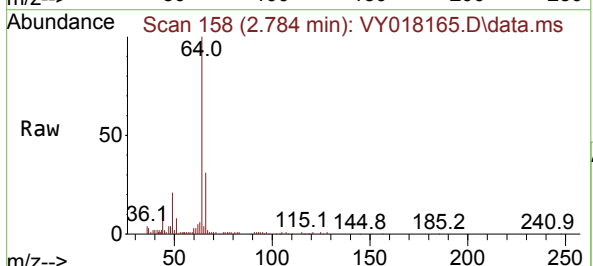
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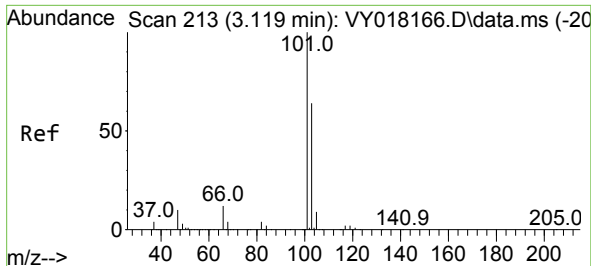
Tgt Ion: 94 Resp: 39907
Ion Ratio Lower Upper
94 100
96 87.4 74.1 111.1



#6
Chloroethane
Concen: 17.723 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 64 Resp: 37195
Ion Ratio Lower Upper
64 100
66 30.4 26.1 39.1

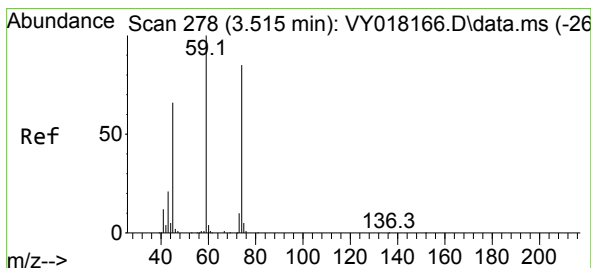
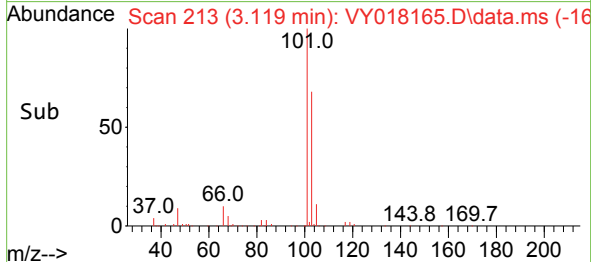
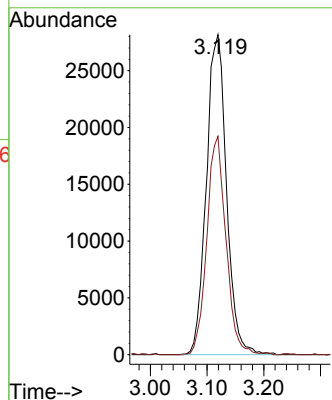
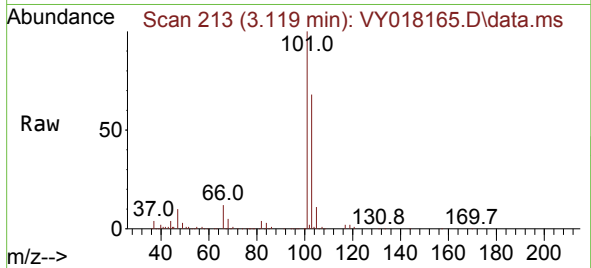




#7
Trichlorofluoromethane
Concen: 17.982 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

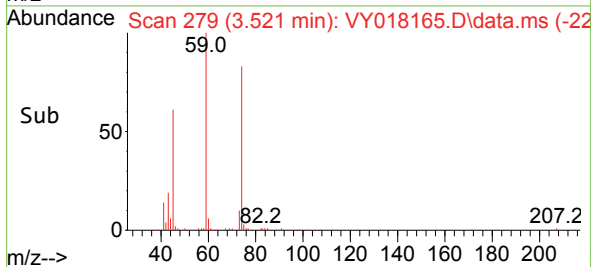
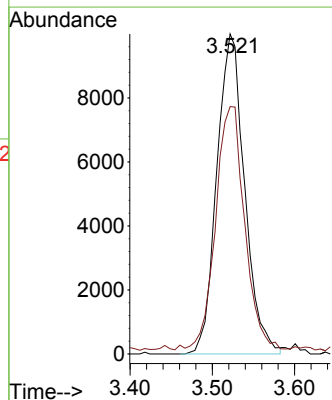
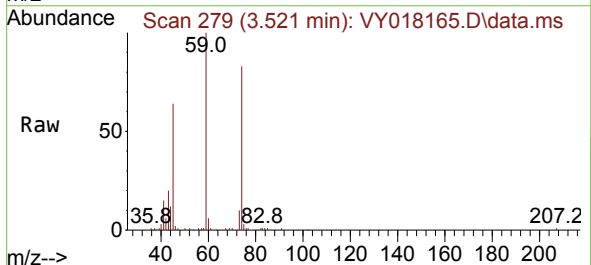
Instrument :
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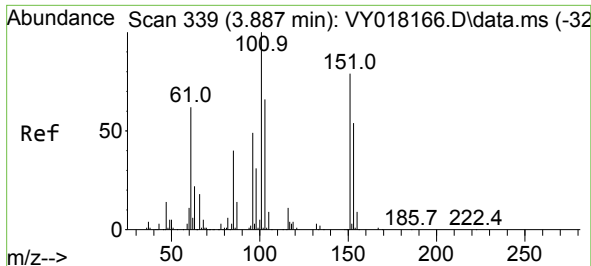
Tgt Ion:101 Resp: 69649
Ion Ratio Lower Upper
101 100
103 68.3 49.3 73.9



#8
Diethyl Ether
Concen: 18.420 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 74 Resp: 23487
Ion Ratio Lower Upper
74 100
45 79.3 41.3 124.1

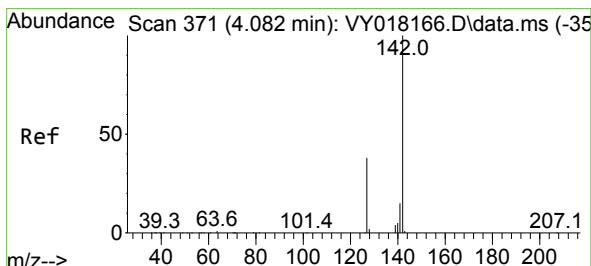
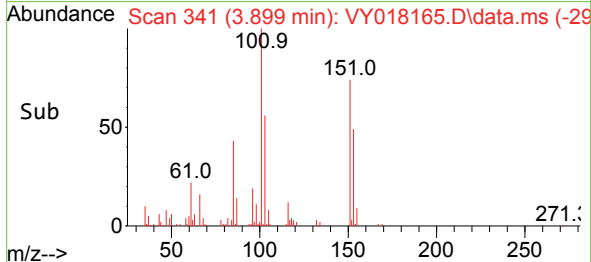
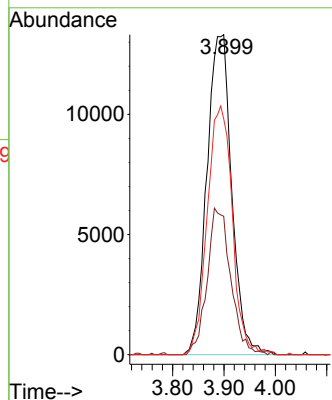
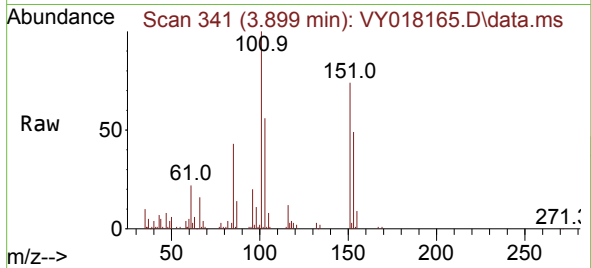




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.113 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY018165.D
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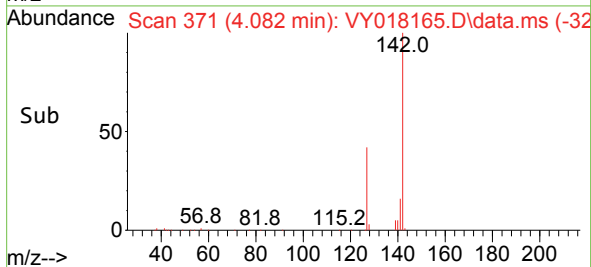
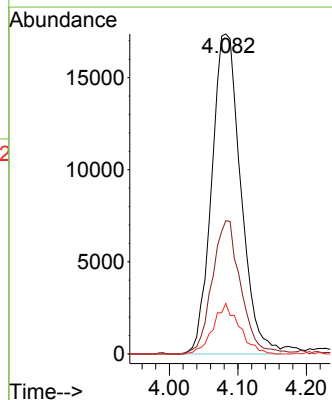
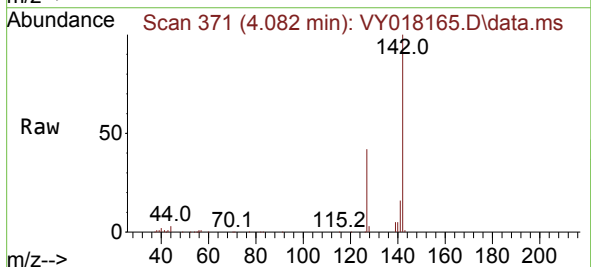
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

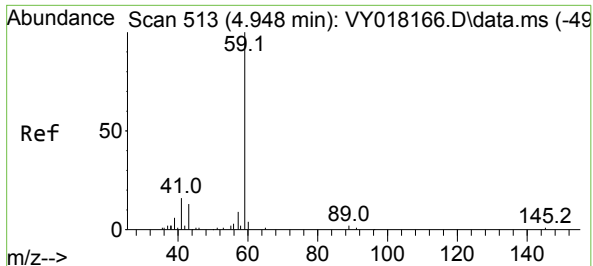
Tgt Ion:101 Resp: 44712
Ion Ratio Lower Upper
101 100
85 43.4 34.5 51.7
151 78.5 61.7 92.5



#10
Methyl Iodide
Concen: 17.747 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion:142 Resp: 51159
Ion Ratio Lower Upper
142 100
127 41.0 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 115.983 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

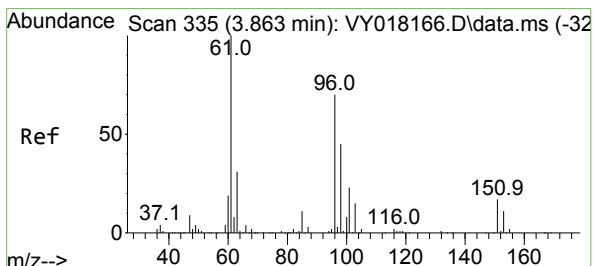
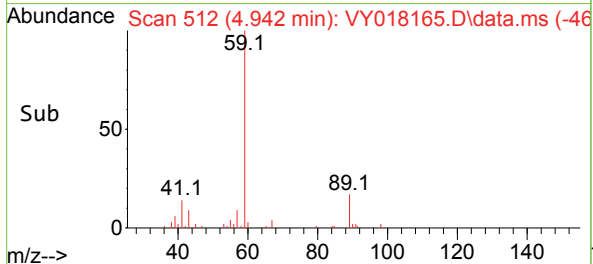
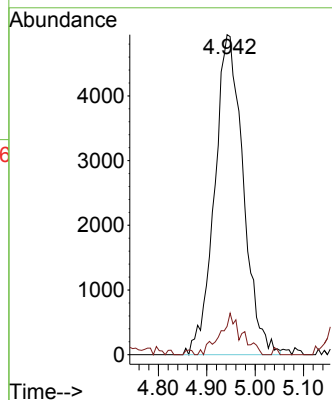
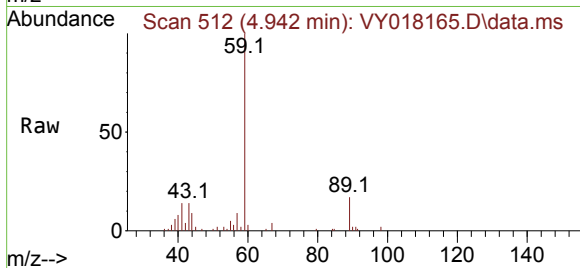
VSTDICC020

Tgt Ion: 59 Resp: 20325

Ion Ratio Lower Upper

59 100

57 9.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 17.425 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

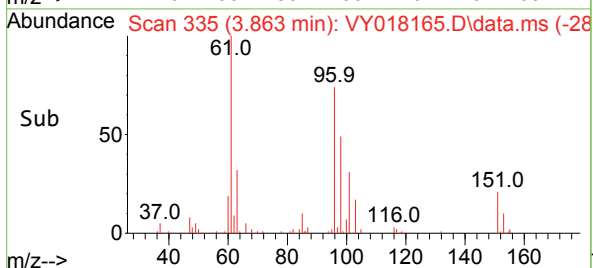
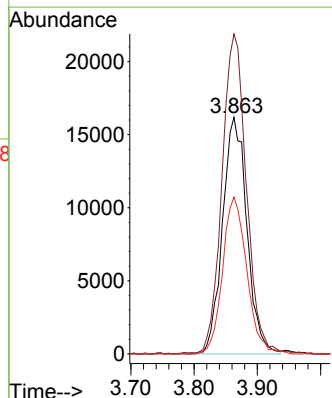
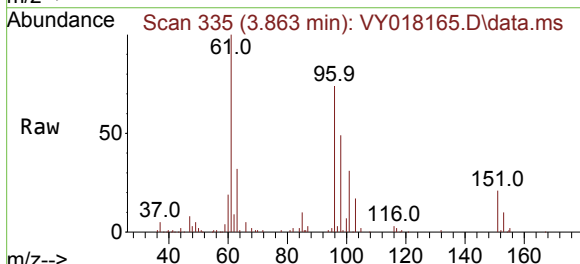
Tgt Ion: 96 Resp: 43302

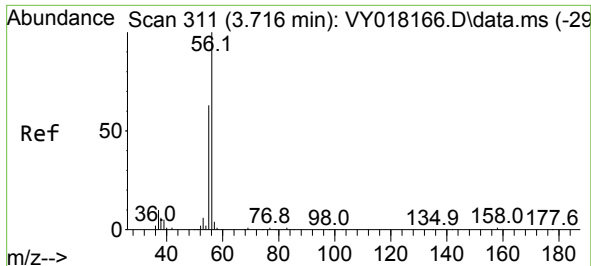
Ion Ratio Lower Upper

96 100

61 134.9 114.6 171.8

98 66.4 50.8 76.2

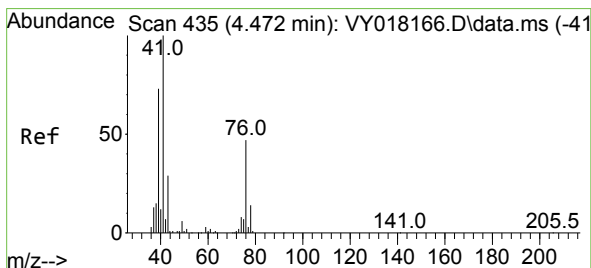
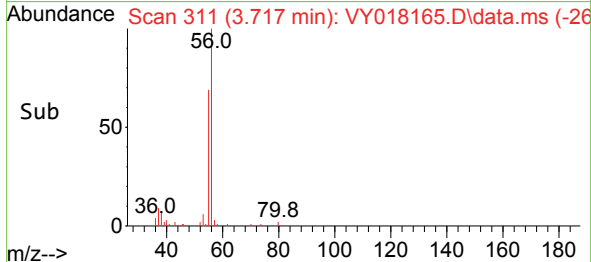
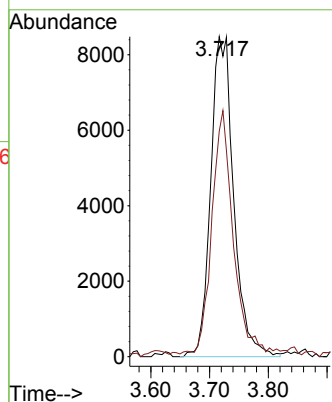
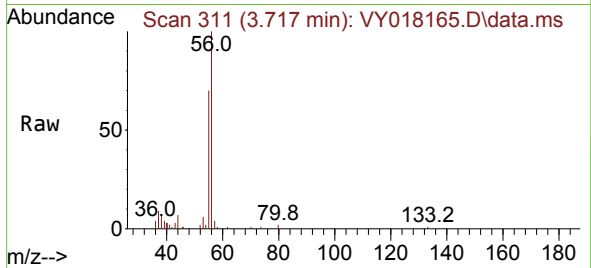




#13
Acrolein
Concen: 122.554 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

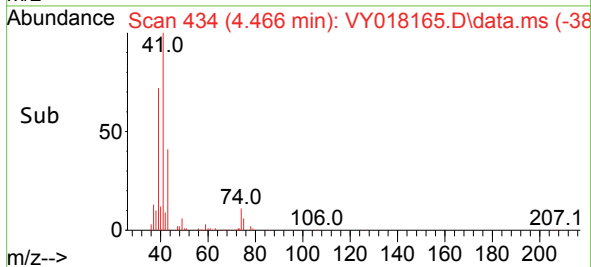
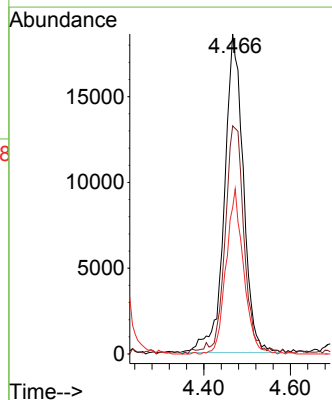
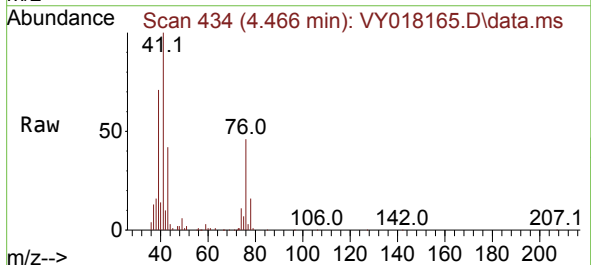
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

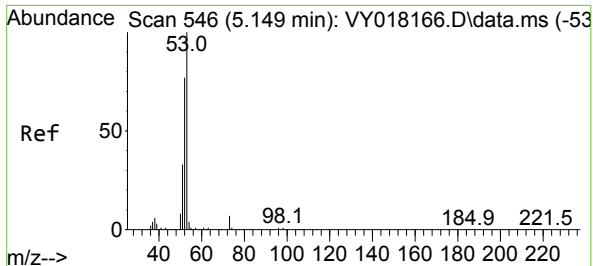
Tgt Ion: 56 Resp: 23067
Ion Ratio Lower Upper
56 100
55 71.7 55.7 83.5



#14
Allyl chloride
Concen: 17.948 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 41 Resp: 56741
Ion Ratio Lower Upper
41 100
39 67.8 58.3 87.5
76 47.7 39.0 58.6

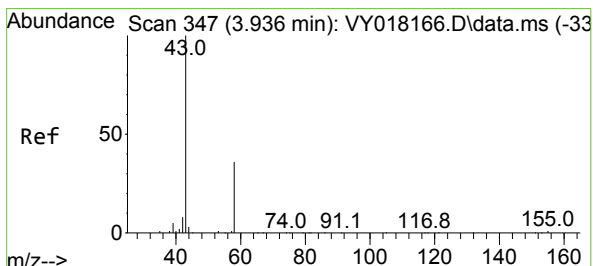
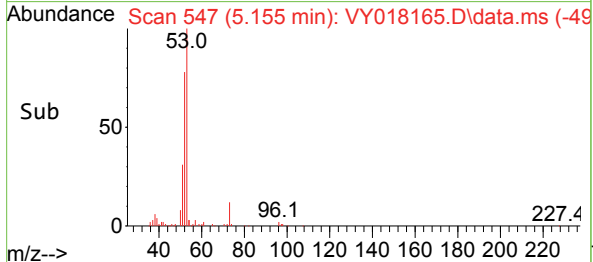
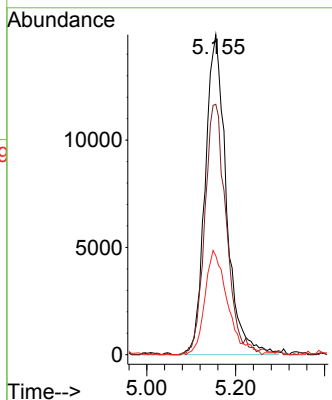
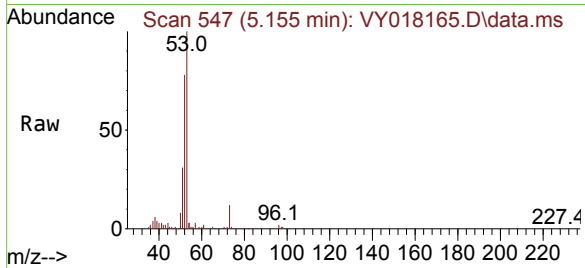




#15
Acrylonitrile
Concen: 101.120 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

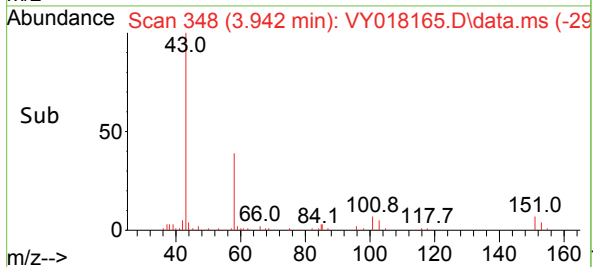
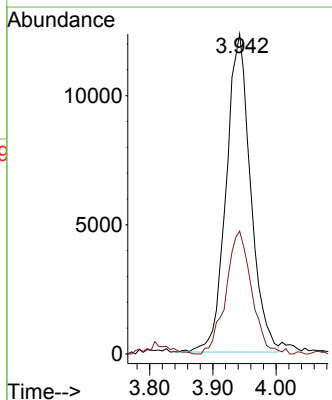
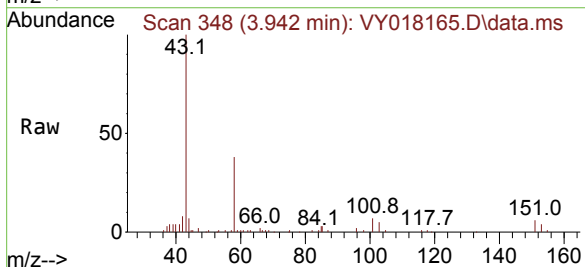
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

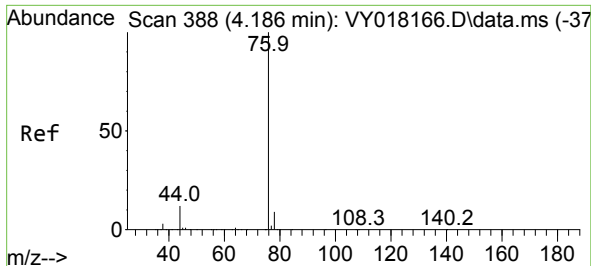
Tgt Ion: 53 Resp: 49584
Ion Ratio Lower Upper
53 100
52 79.0 64.7 97.1
51 34.9 28.4 42.6



#16
Acetone
Concen: 87.548 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 43 Resp: 33027
Ion Ratio Lower Upper
43 100
58 37.7 31.7 47.5

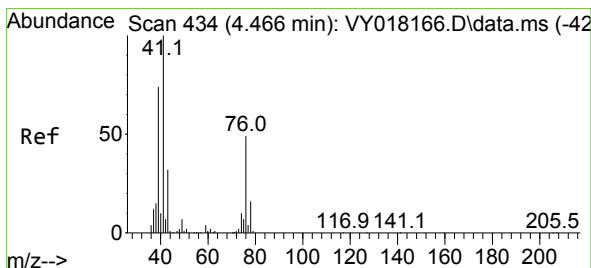
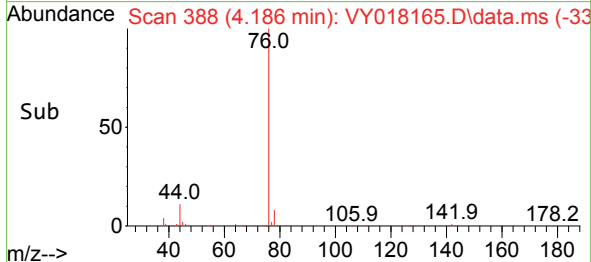
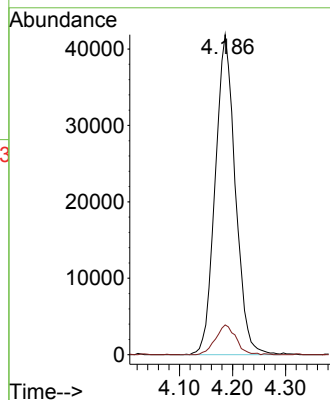
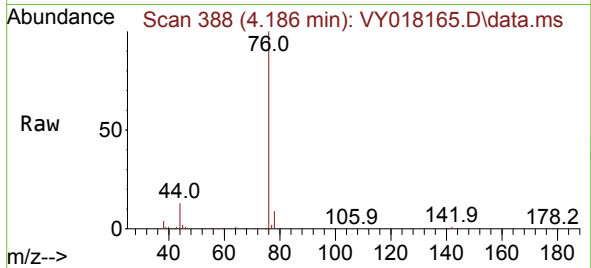




#17
Carbon Disulfide
Concen: 16.319 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

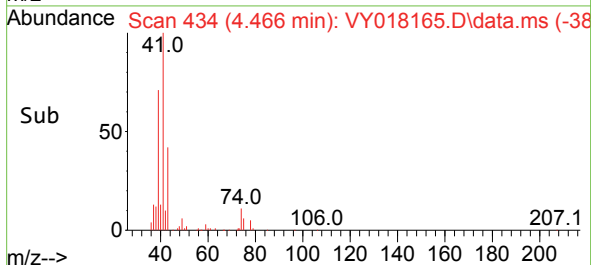
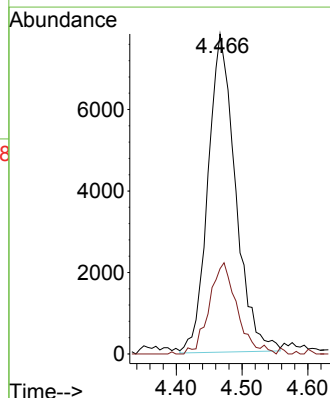
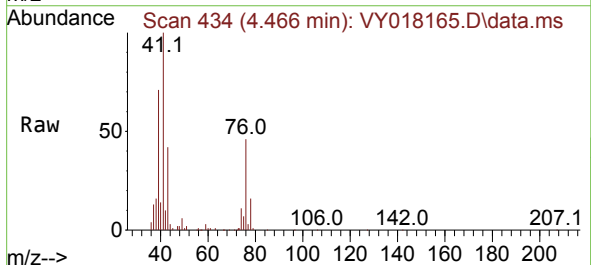
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

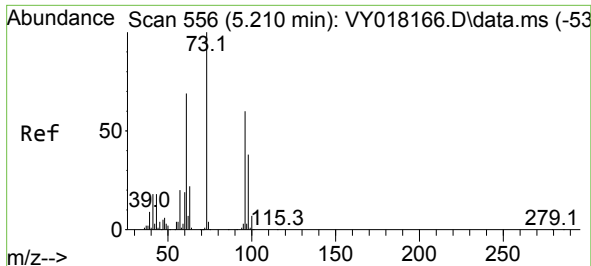
Tgt Ion: 76 Resp: 110404
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 21.163 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 43 Resp: 22742
Ion Ratio Lower Upper
43 100
74 28.9 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.166 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

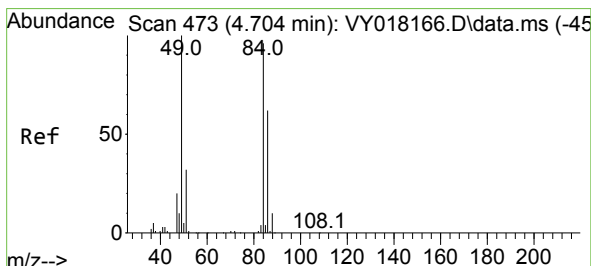
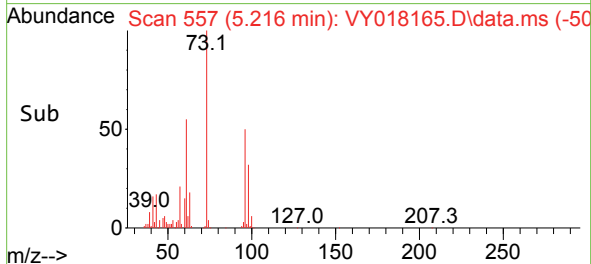
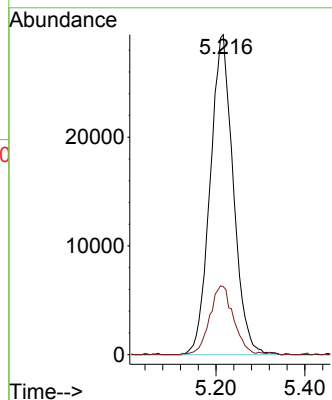
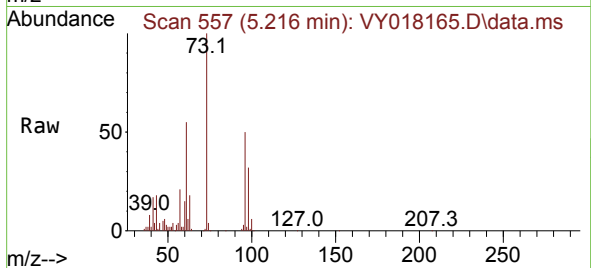
VSTDICC020

Tgt Ion: 73 Resp: 106097

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 18.449 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Tgt Ion: 84 Resp: 49194

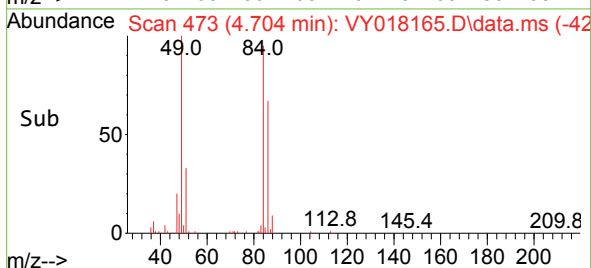
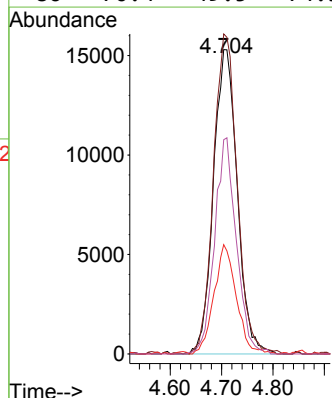
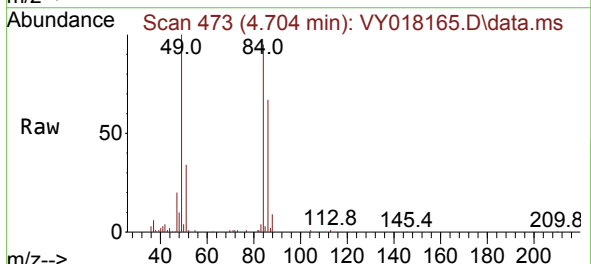
Ion Ratio Lower Upper

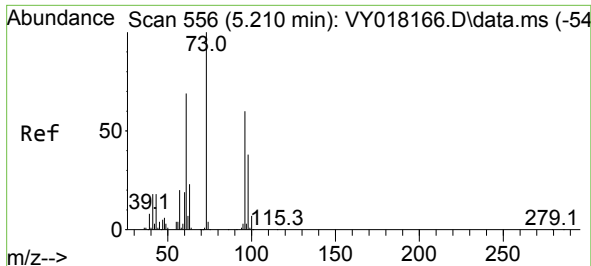
84 100

49 104.8 84.4 126.6

51 35.9 26.0 39.0

86 70.4 49.5 74.3

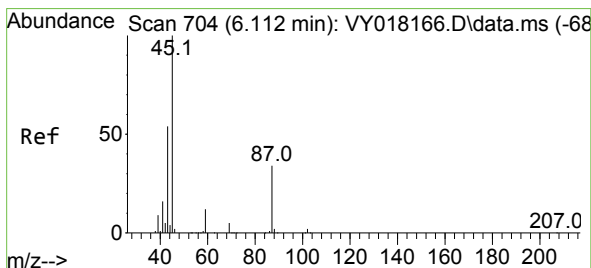
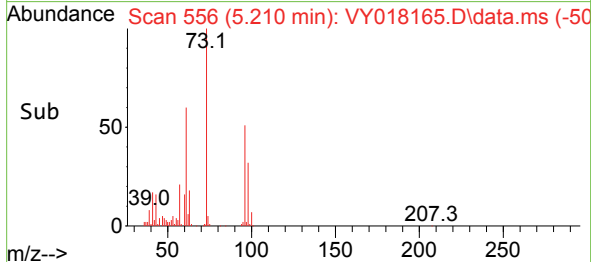
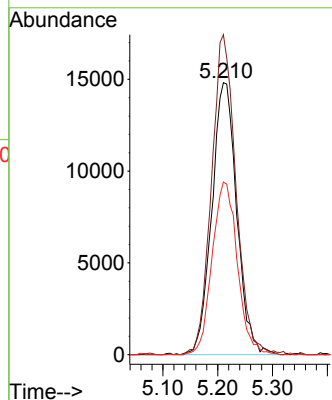
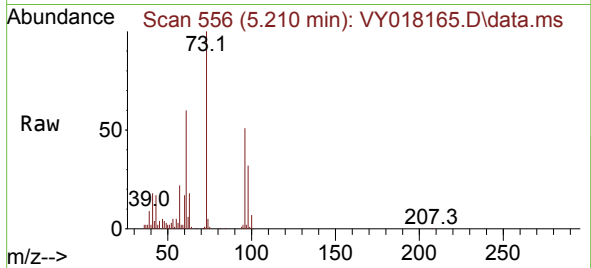




#21
trans-1,2-Dichloroethene
Concen: 17.779 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

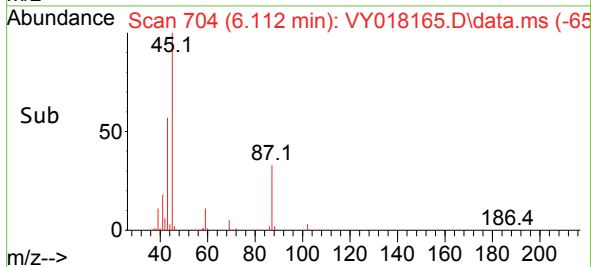
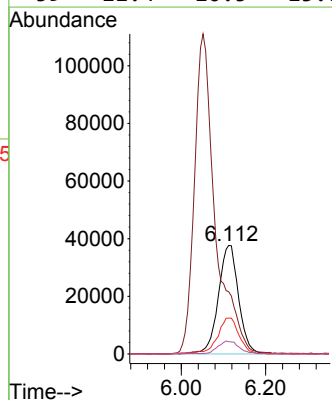
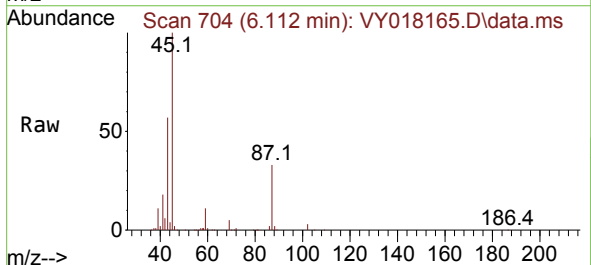
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

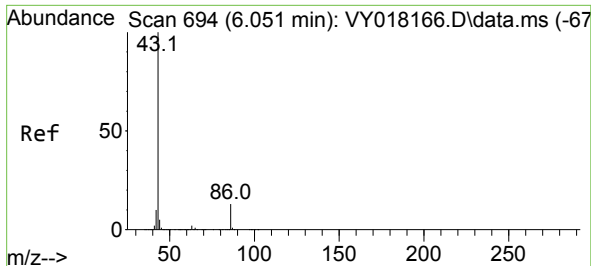
Tgt Ion: 96 Resp: 46834
Ion Ratio Lower Upper
96 100
61 117.6 97.5 146.3
98 63.5 50.5 75.7



#22
Diisopropyl ether
Concen: 18.697 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 45 Resp: 125385
Ion Ratio Lower Upper
45 100
43 56.6 42.2 63.2
87 32.9 25.0 37.6
59 11.4 10.5 15.7

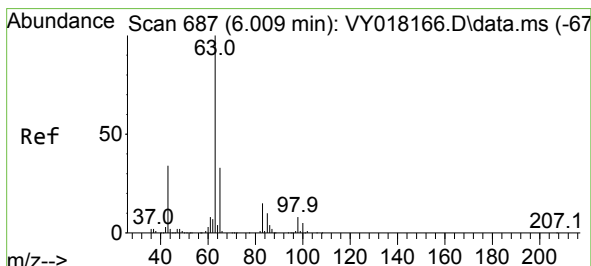
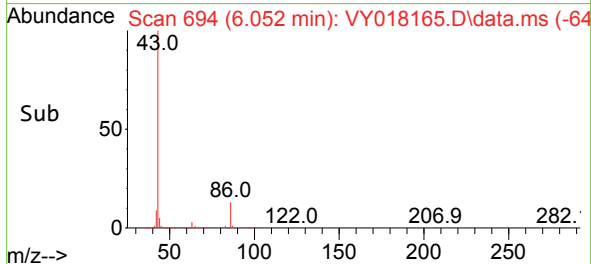
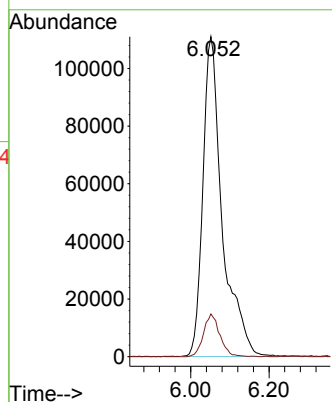
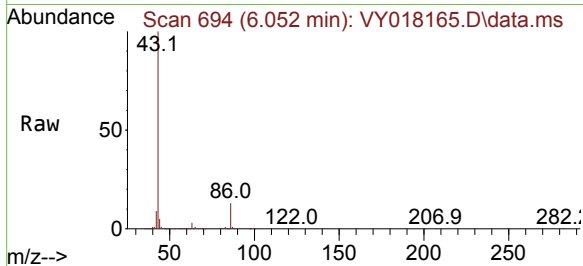




#23
 Vinyl Acetate
 Concen: 93.552 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY018165.D
 Acq: 07 May 2024 10:16

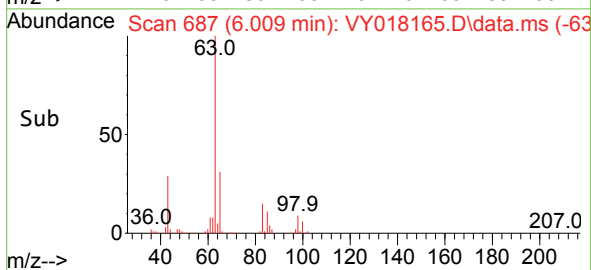
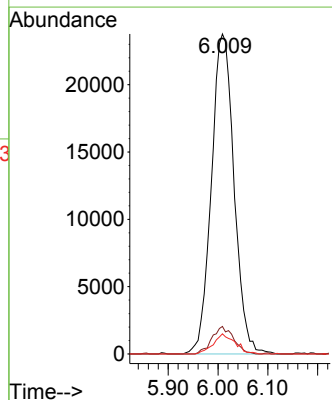
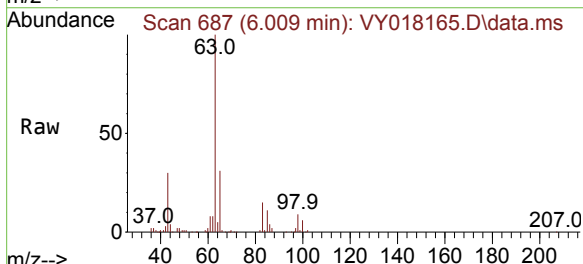
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

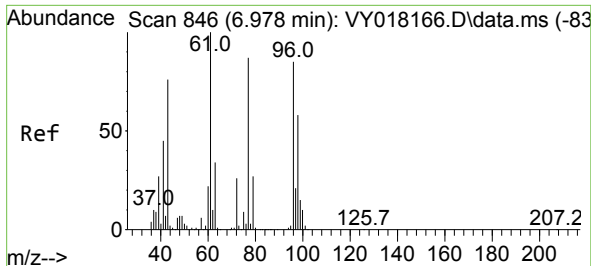
Tgt Ion: 43 Resp: 381322
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.170 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018165.D
 Acq: 07 May 2024 10:16

Tgt Ion: 63 Resp: 75052
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 6.3 2.6 8.0

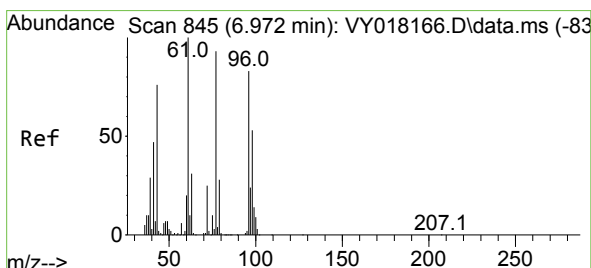
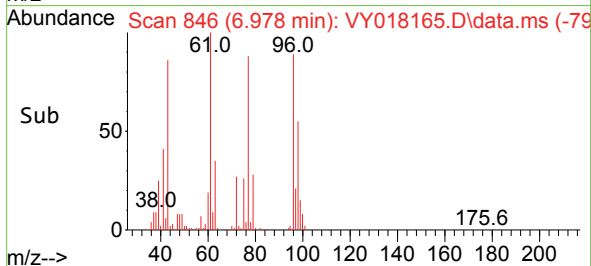
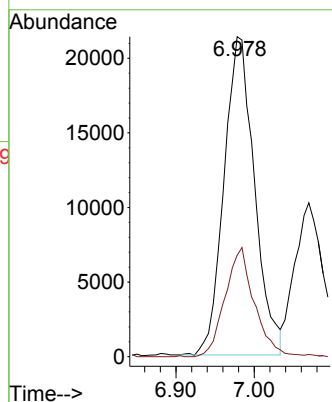
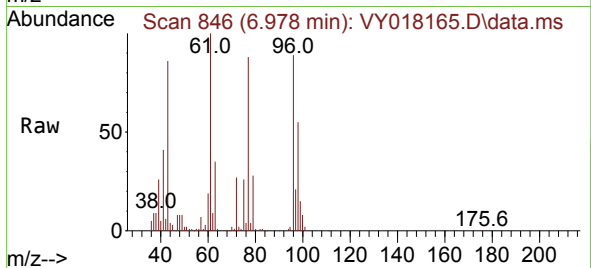




#25
2-Butanone
Concen: 95.744 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

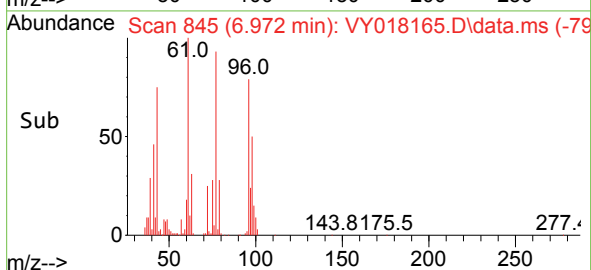
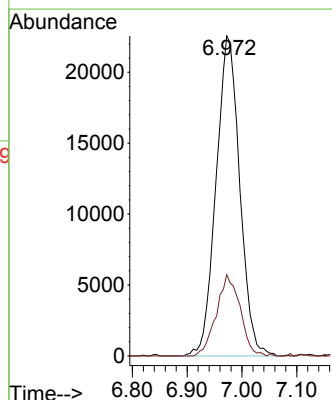
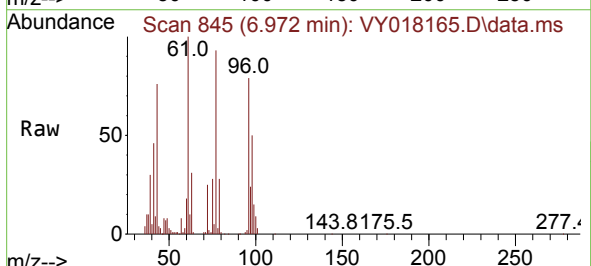
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

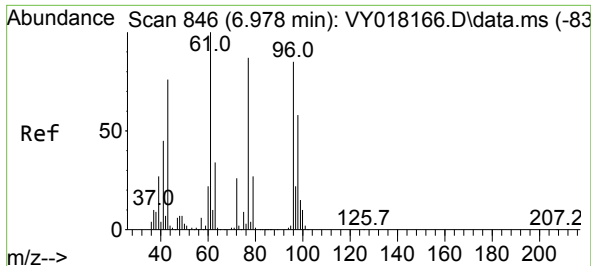
Tgt Ion: 43 Resp: 57736
Ion Ratio Lower Upper
43 100
72 31.6 27.3 40.9



#26
2,2-Dichloropropane
Concen: 18.105 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 77 Resp: 67685
Ion Ratio Lower Upper
77 100
97 25.3 12.0 36.1

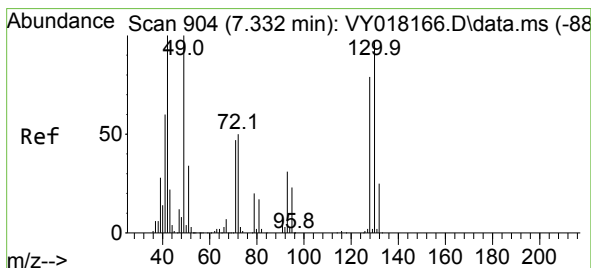
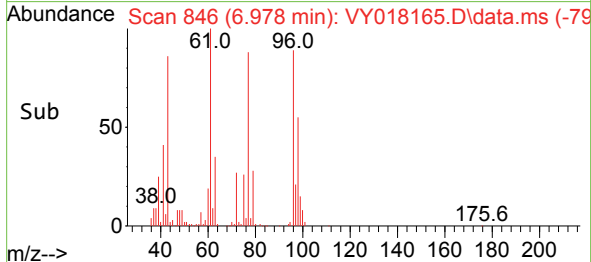
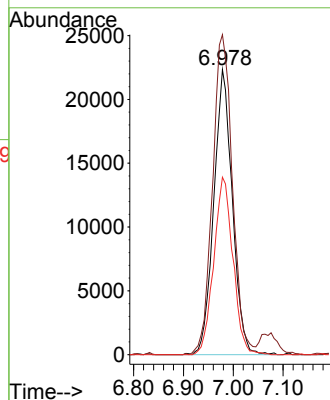
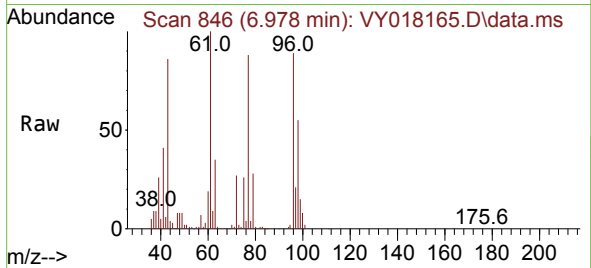




#27
 cis-1,2-Dichloroethene
 Concen: 18.597 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018165.D
 Acq: 07 May 2024 10:16

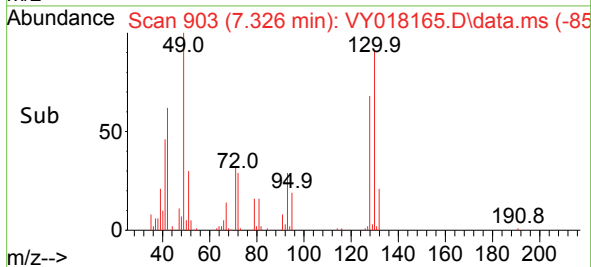
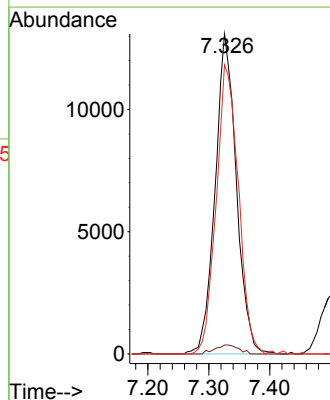
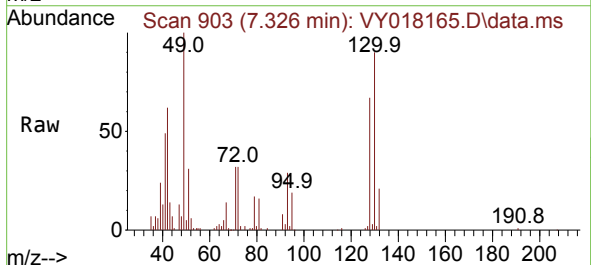
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

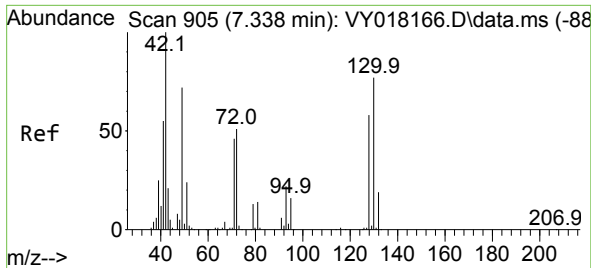
Tgt Ion: 96 Resp: 57892
 Ion Ratio Lower Upper
 96 100
 61 120.0 0.0 256.2
 98 64.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.146 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018165.D
 Acq: 07 May 2024 10:16

Tgt Ion: 49 Resp: 31609
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 4.6
 130 94.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 98.723 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

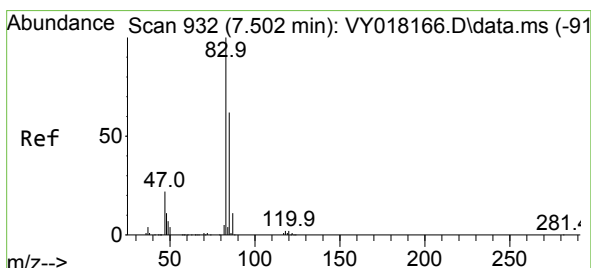
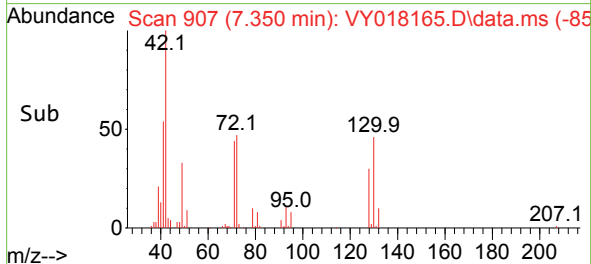
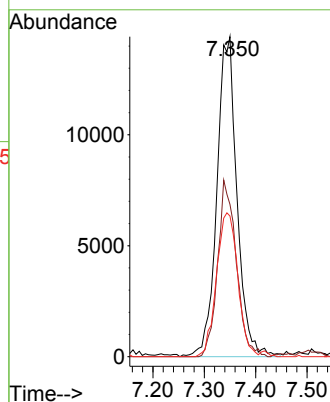
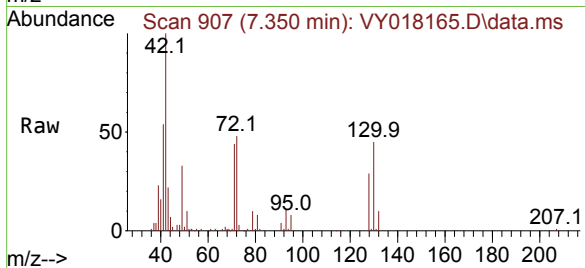
Tgt Ion: 42 Resp: 39297

Ion Ratio Lower Upper

42 100

72 51.1 43.0 64.4

71 47.5 40.8 61.2



#30

Chloroform

Concen: 18.527 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018165.D

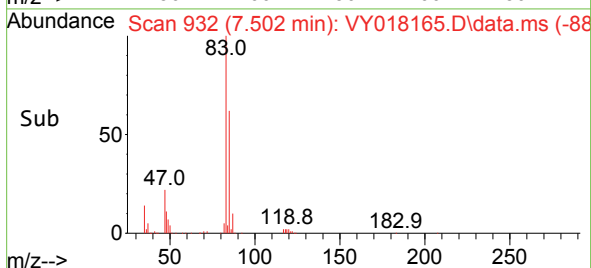
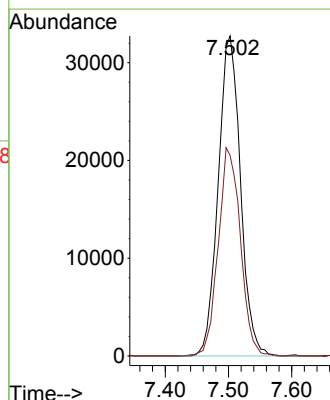
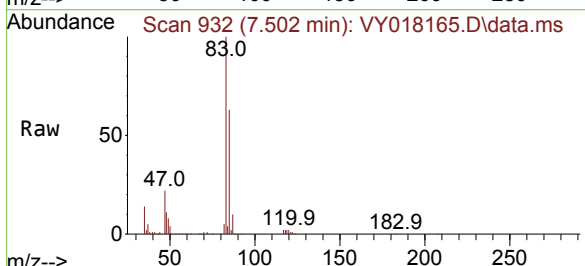
Acq: 07 May 2024 10:16

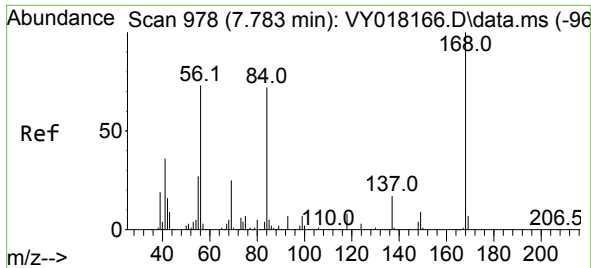
Tgt Ion: 83 Resp: 79891

Ion Ratio Lower Upper

83 100

85 62.6 52.2 78.4

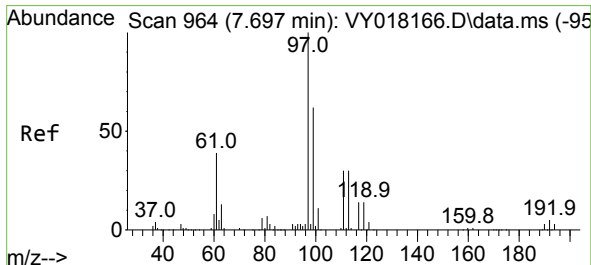
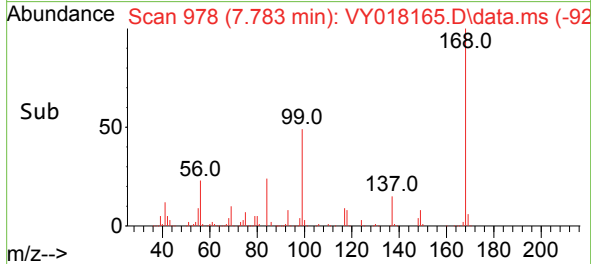
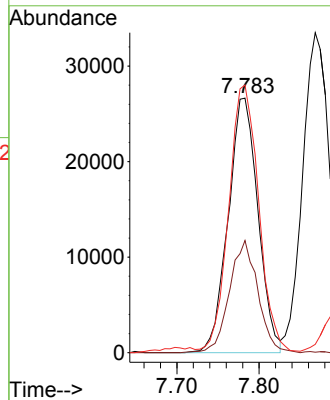
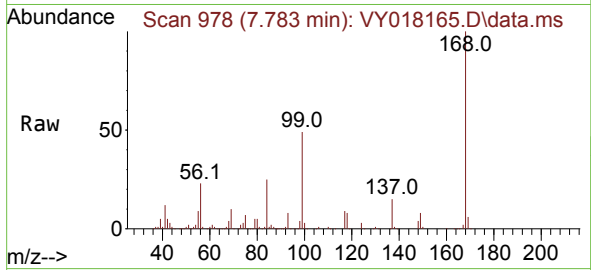




#31
Cyclohexane
Concen: 16.856 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

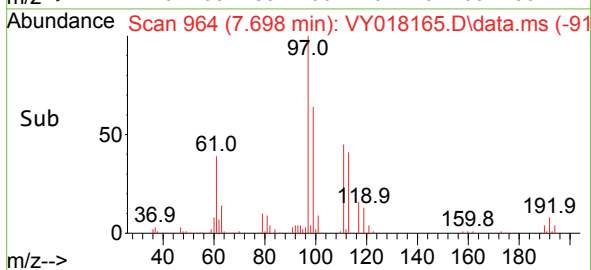
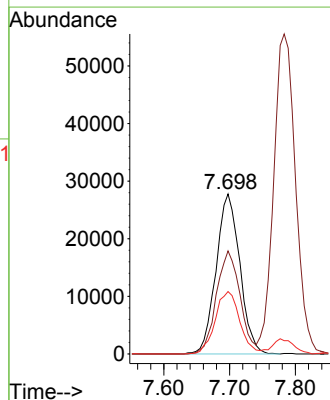
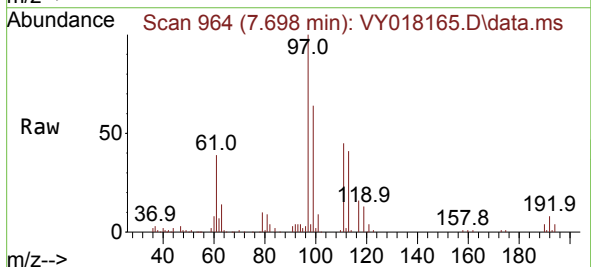
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

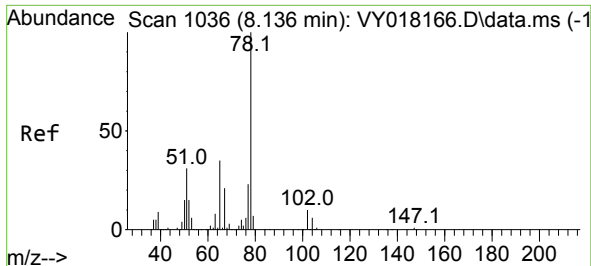
Tgt Ion: 56 Resp: 67245
Ion Ratio Lower Upper
56 100
69 44.1 28.7 43.1#
84 103.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 18.051 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 97 Resp: 69765
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 40.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 20.483 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

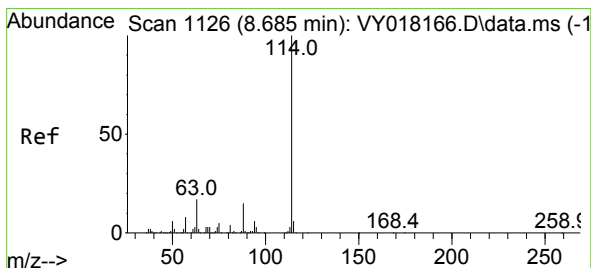
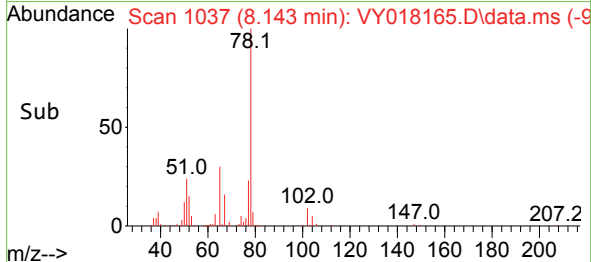
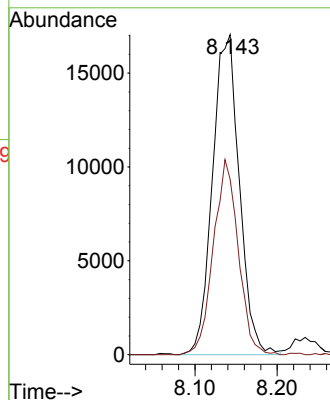
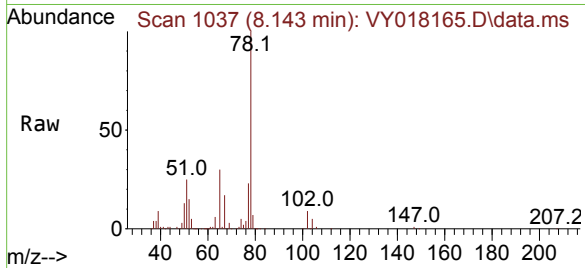
VSTDICC020

Tgt Ion: 65 Resp: 38721

Ion Ratio Lower Upper

65 100

67 56.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

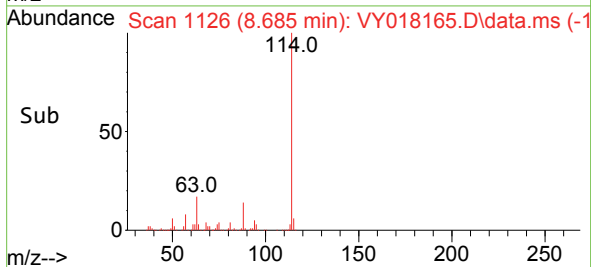
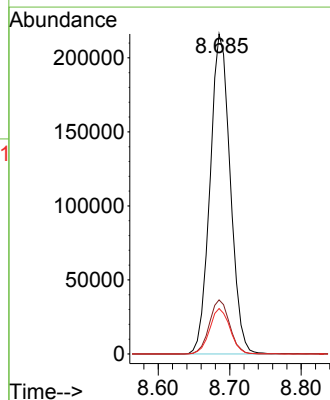
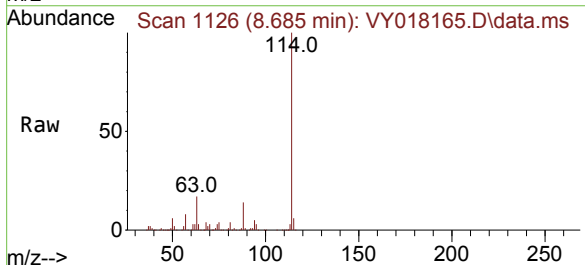
Tgt Ion: 114 Resp: 423639

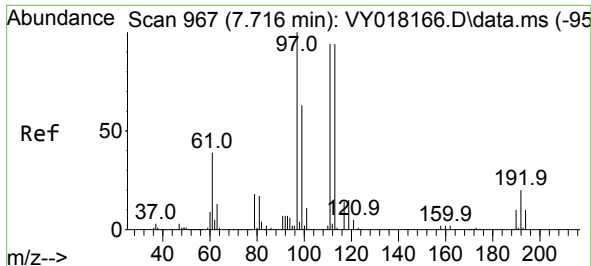
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.2 0.0 27.2

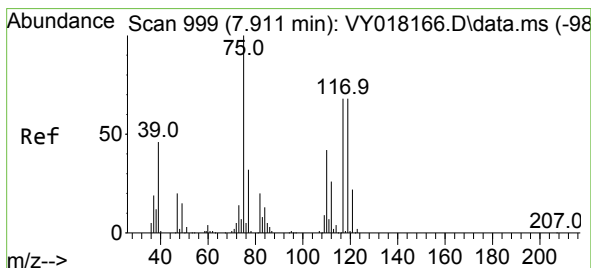
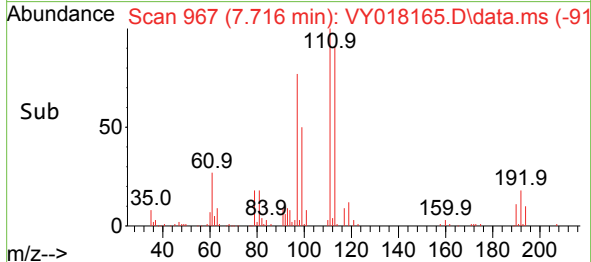
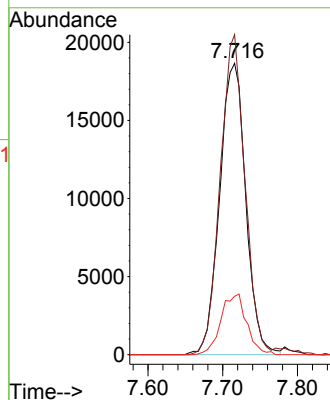
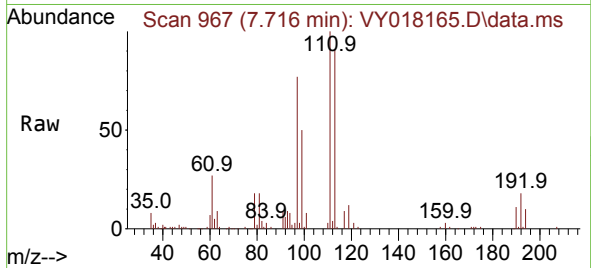




#35
Dibromofluoromethane
Concen: 20.423 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

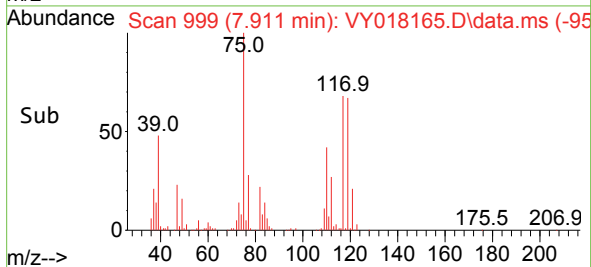
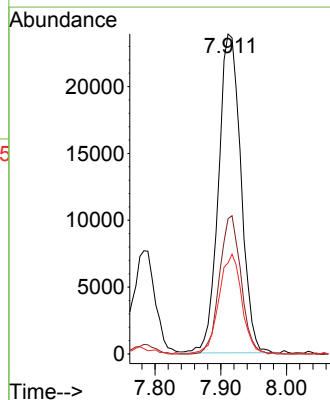
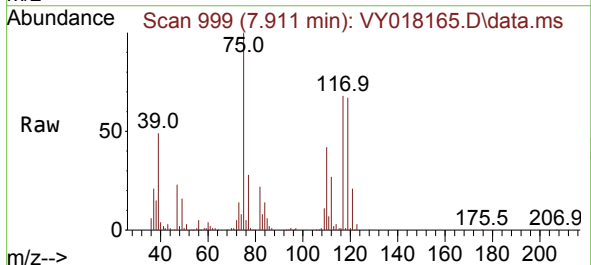
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

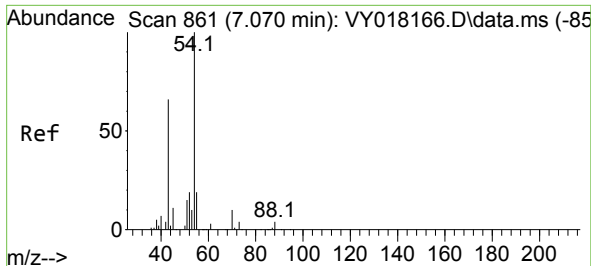
Tgt Ion:113 Resp: 45470
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.768 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 75 Resp: 56710
Ion Ratio Lower Upper
75 100
110 41.6 19.0 57.0
77 31.8 25.3 37.9





#37

Ethyl Acetate

Concen: 19.805 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

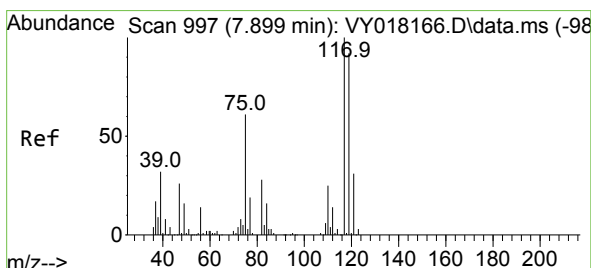
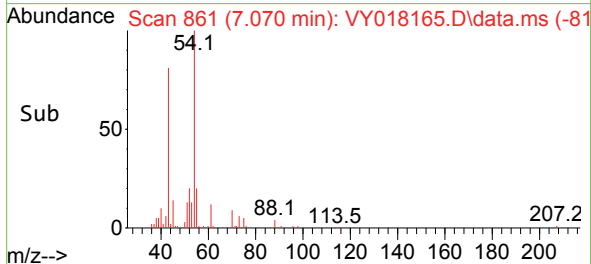
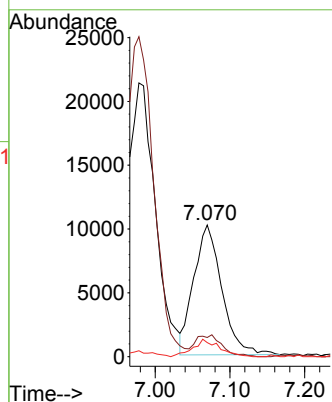
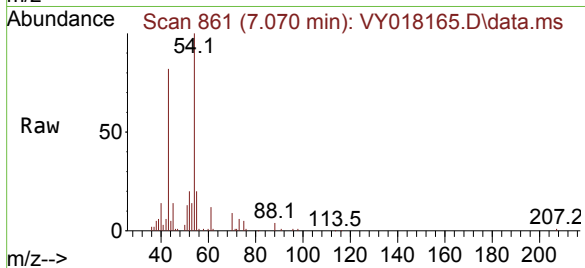
Tgt Ion: 43 Resp: 26605

Ion Ratio Lower Upper

43 100

61 15.6 12.6 19.0

70 12.5 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 17.652 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

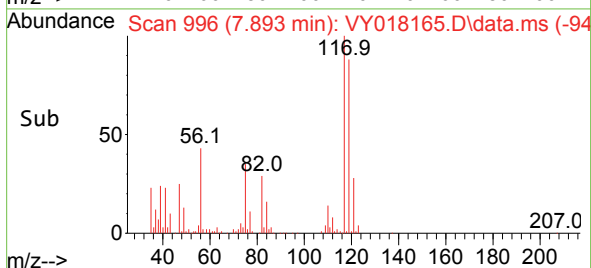
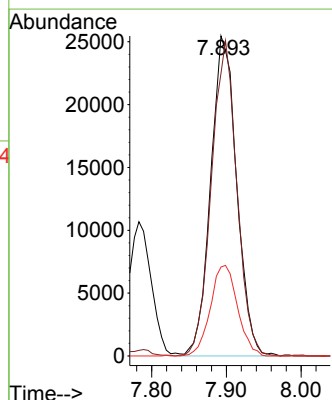
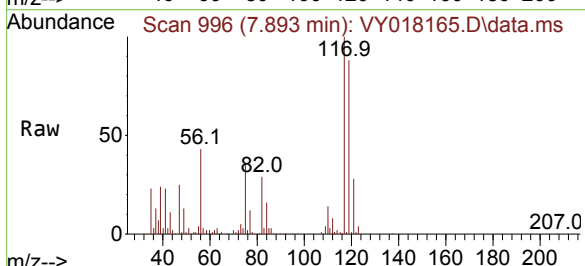
Tgt Ion: 117 Resp: 61562

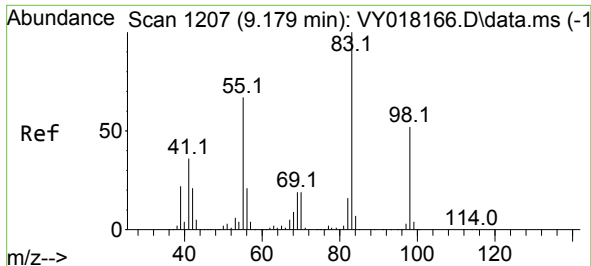
Ion Ratio Lower Upper

117 100

119 88.4 75.8 113.6

121 27.8 24.0 36.0





#39

Methylcyclohexane

Concen: 17.416 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

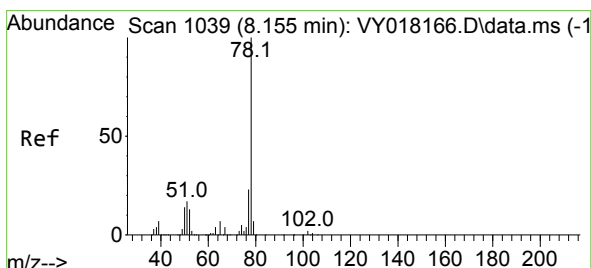
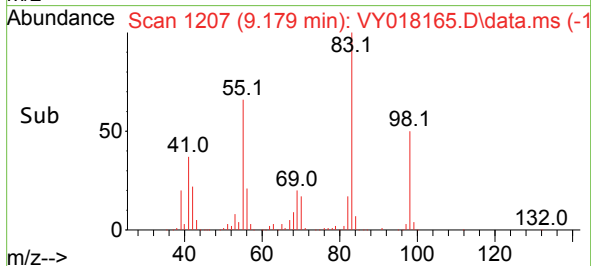
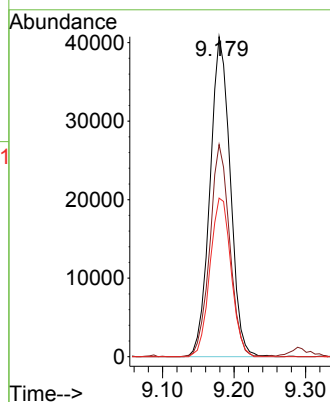
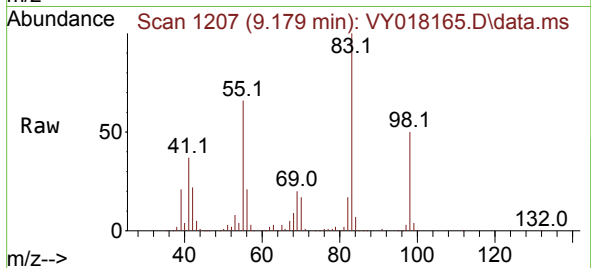
Tgt Ion: 83 Resp: 80193

Ion Ratio Lower Upper

83 100

55 66.3 51.5 77.3

98 49.6 40.5 60.7



#40

Benzene

Concen: 18.408 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018165.D

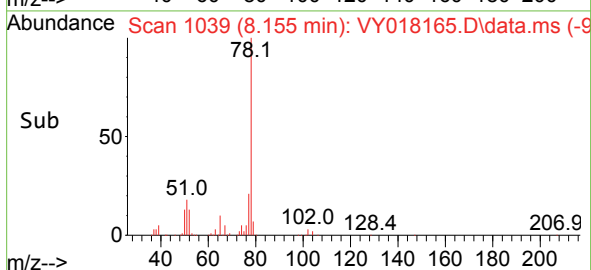
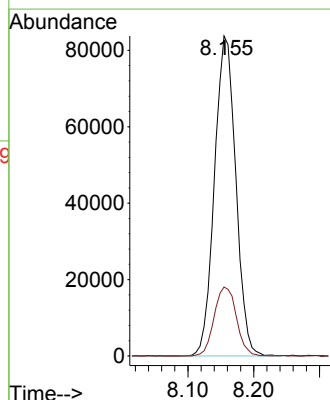
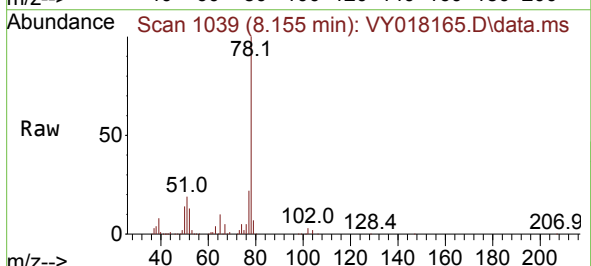
Acq: 07 May 2024 10:16

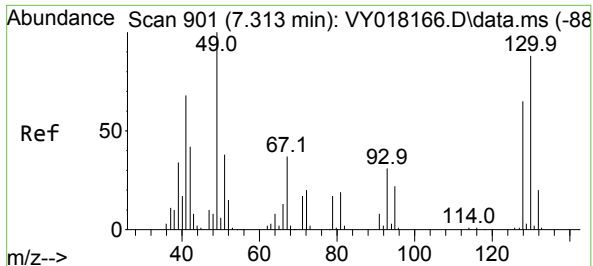
Tgt Ion: 78 Resp: 188987

Ion Ratio Lower Upper

78 100

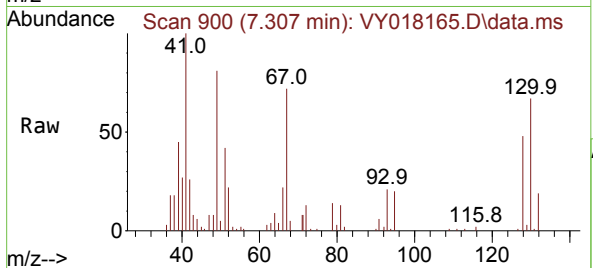
77 21.6 19.5 29.3



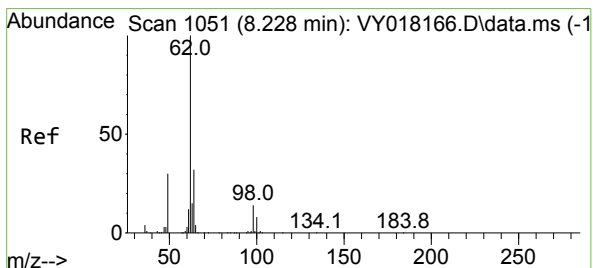
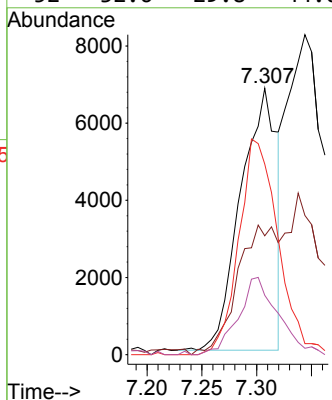
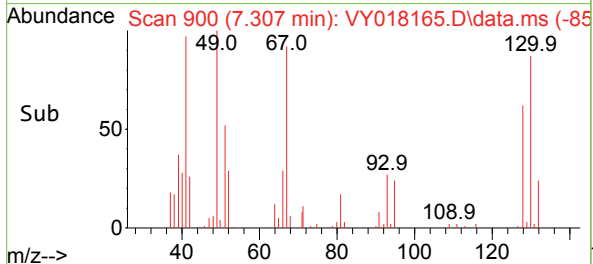


#41
Methacrylonitrile
Concen: 20.083 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

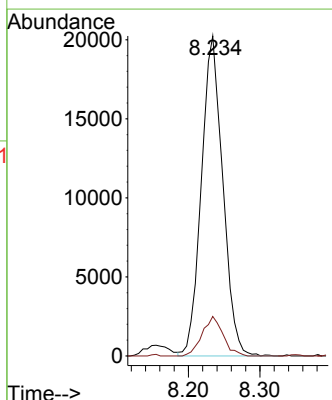
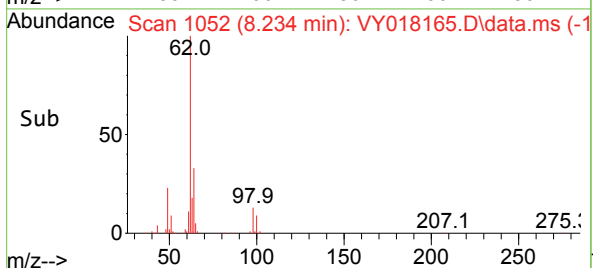
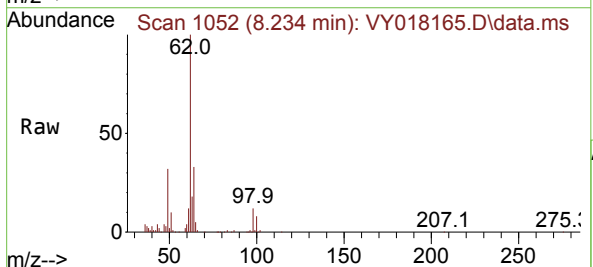


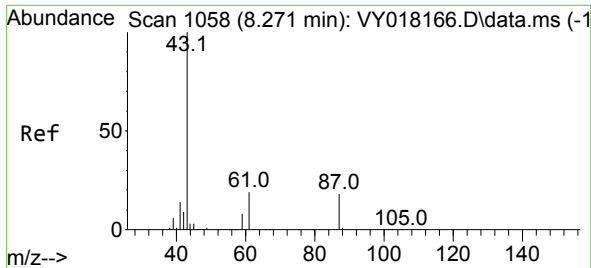
Tgt Ion:	41	Resp:	15579
Ion	Ratio	Lower	Upper
41	100		
39	54.8	48.0	72.0
67	89.8	75.1	112.7
52	32.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 18.867 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion:	62	Resp:	42144
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	22.0

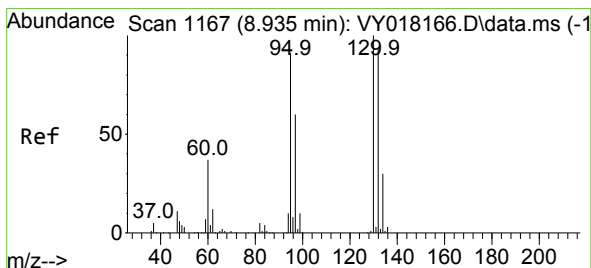
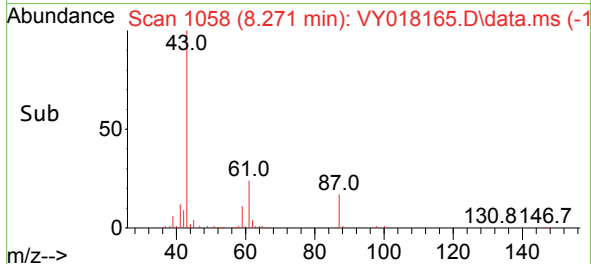
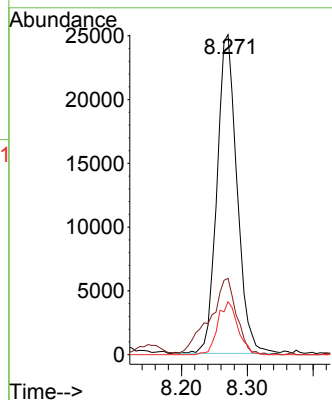
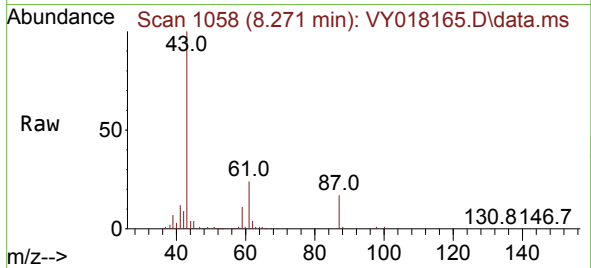




#43
Isopropyl Acetate
Concen: 19.246 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

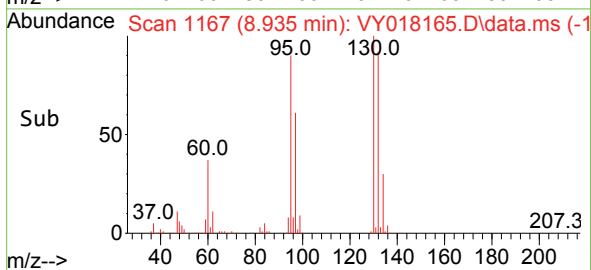
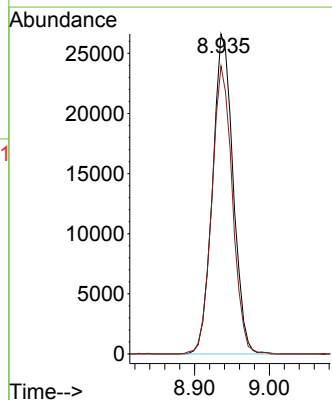
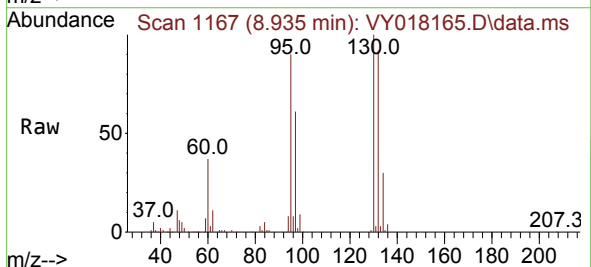
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

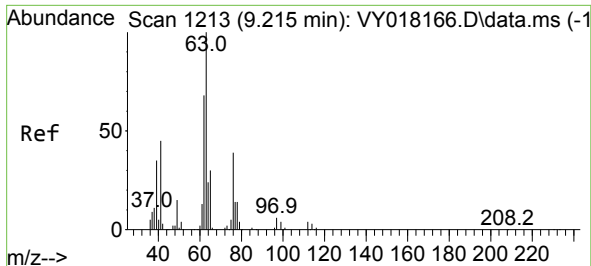
Tgt Ion:	43	Resp:	52994
Ion	Ratio	Lower	Upper
43	100		
61	32.3	27.9	41.9
87	16.7	13.1	19.7



#44
Trichloroethene
Concen: 18.206 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion:	130	Resp:	50882
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	188.0

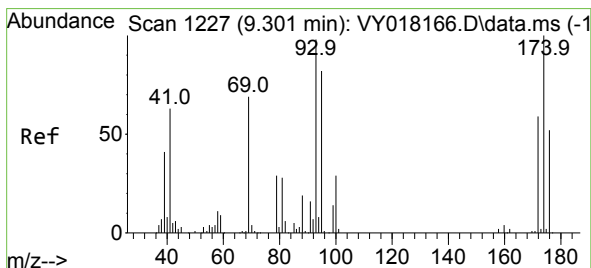
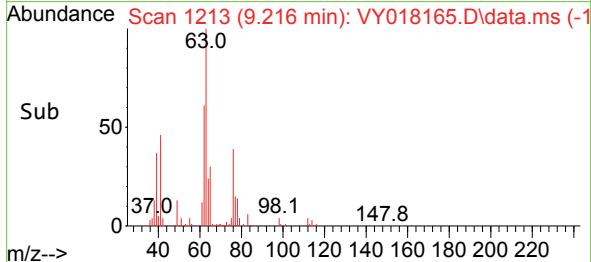
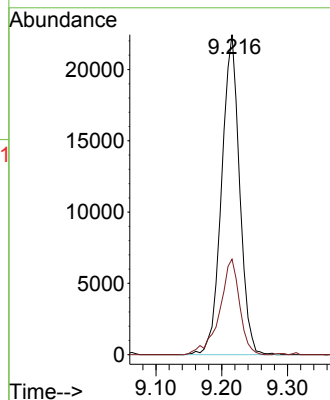
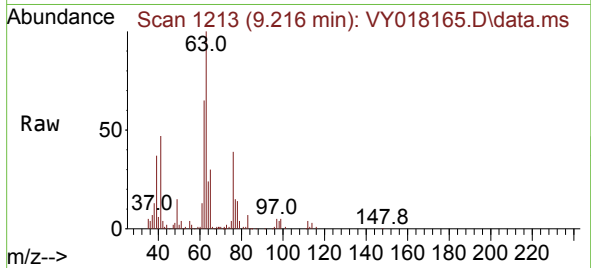




#45
1,2-Dichloropropane
Concen: 18.995 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

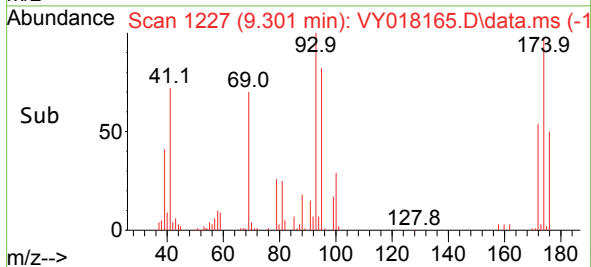
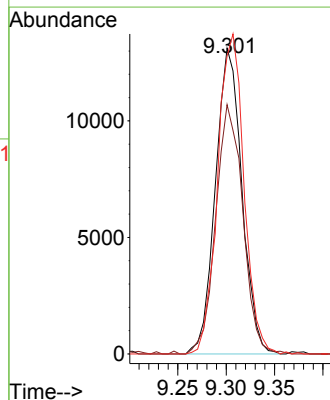
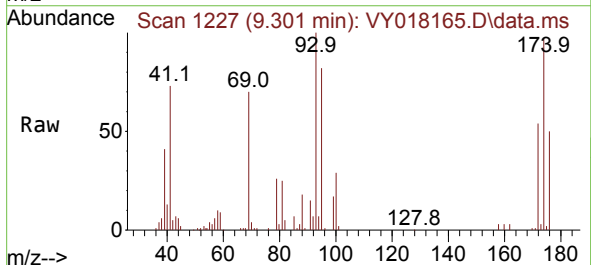
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

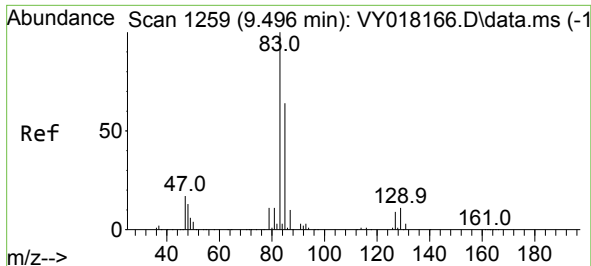
Tgt Ion: 63 Resp: 42635
Ion Ratio Lower Upper
63 100
65 29.9 25.4 38.2



#46
Dibromomethane
Concen: 19.323 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 93 Resp: 24933
Ion Ratio Lower Upper
93 100
95 83.4 66.2 99.4
174 104.3 80.9 121.3

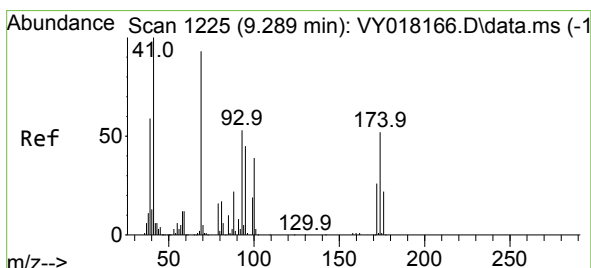
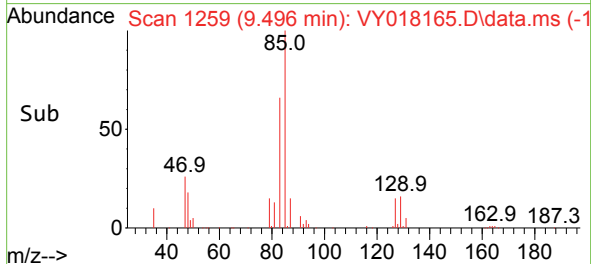
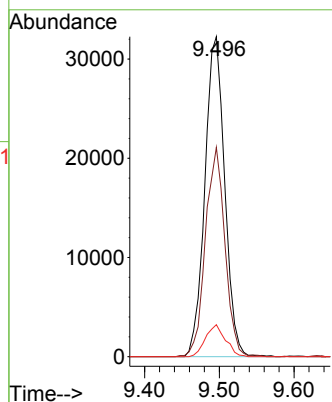
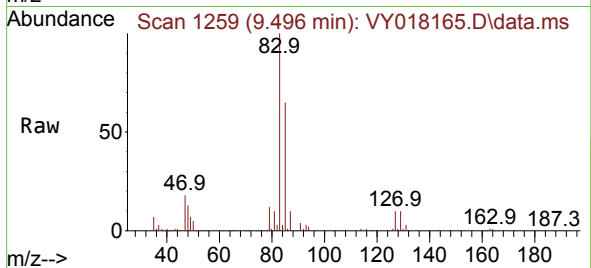




#47
Bromodichloromethane
Concen: 18.630 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

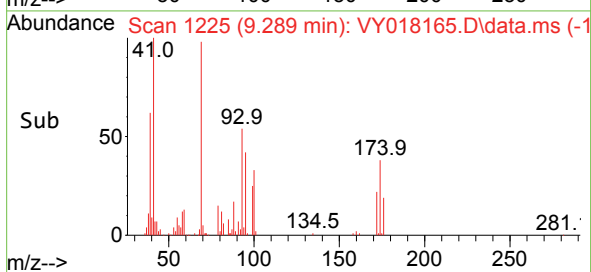
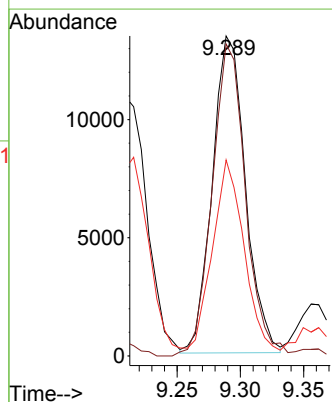
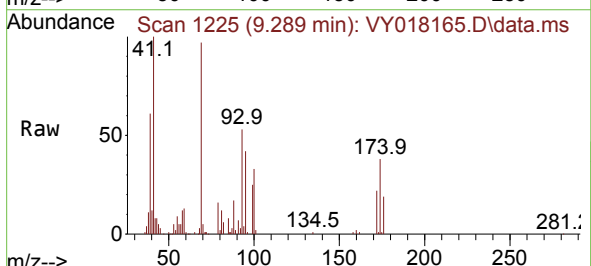
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

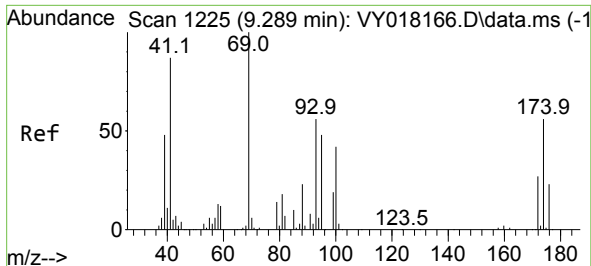
Tgt Ion: 83 Resp: 59429
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 10.0 7.4 11.0



#48
Methyl methacrylate
Concen: 19.384 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 41 Resp: 24462
Ion Ratio Lower Upper
41 100
69 98.7 84.1 126.1
39 56.0 43.6 65.4





#49

1,4-Dioxane

Concen: 392.581 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

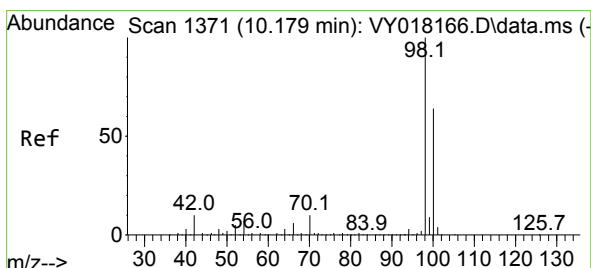
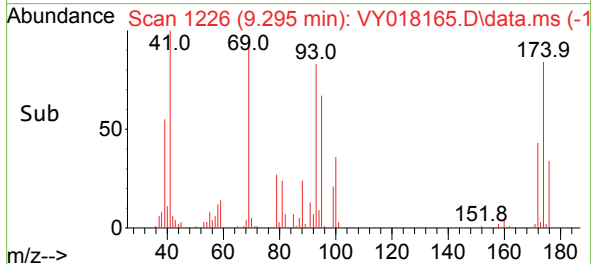
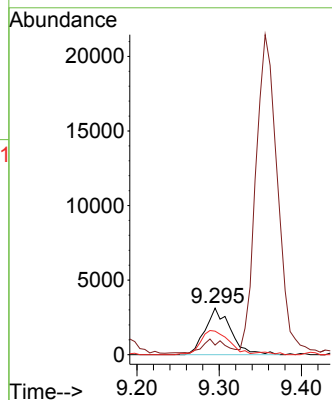
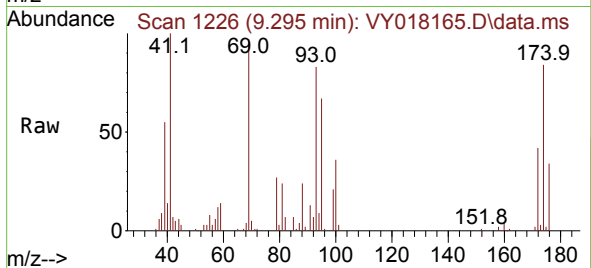
Tgt Ion: 88 Resp: 6724

Ion Ratio Lower Upper

88 100

43 25.5 0.0 0.0#

58 57.4 49.3 73.9



#50

Toluene-d8

Concen: 20.678 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018165.D

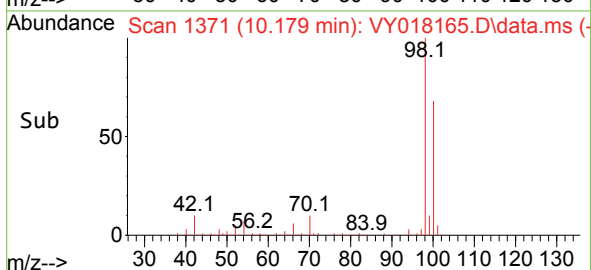
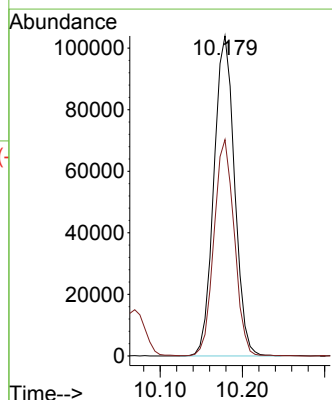
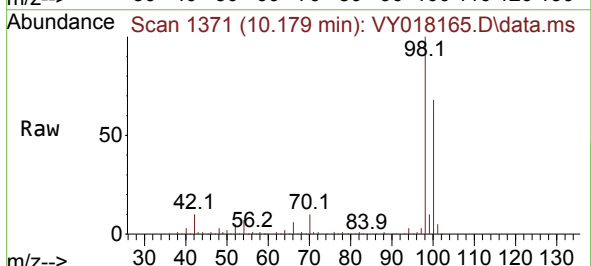
Acq: 07 May 2024 10:16

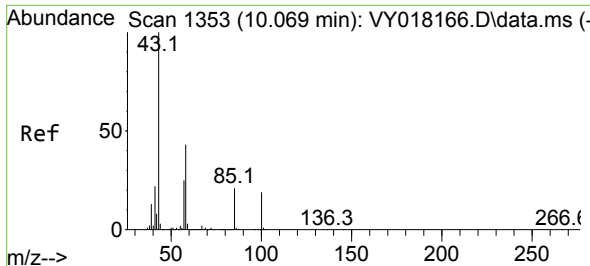
Tgt Ion: 98 Resp: 181417

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0

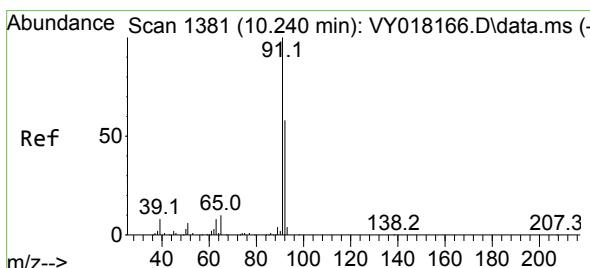
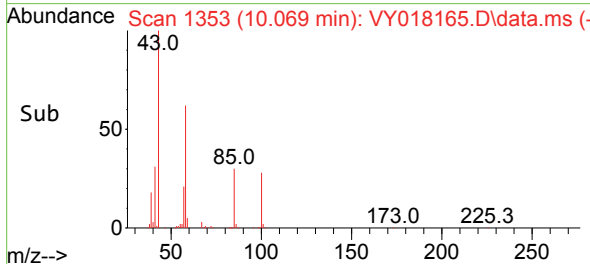
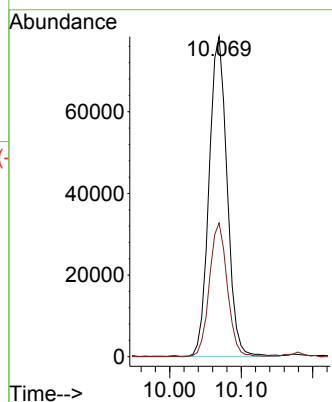
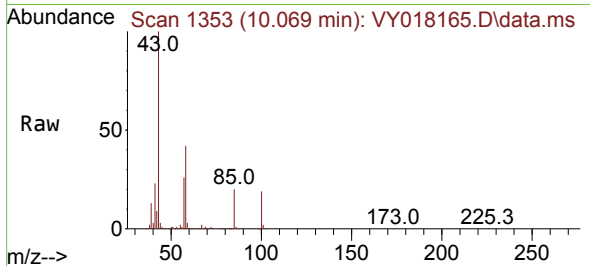




#51
4-Methyl-2-Pentanone
Concen: 98.872 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

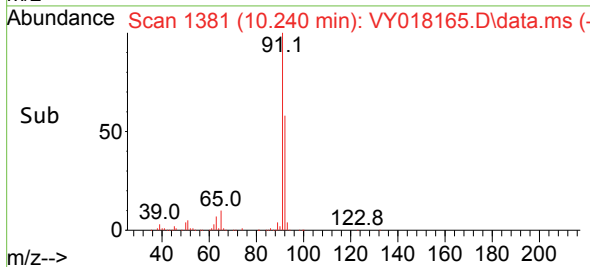
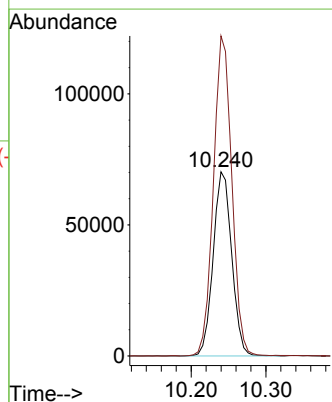
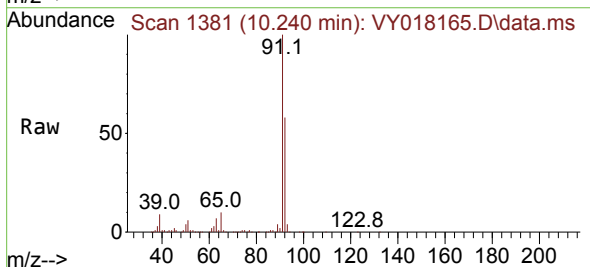
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

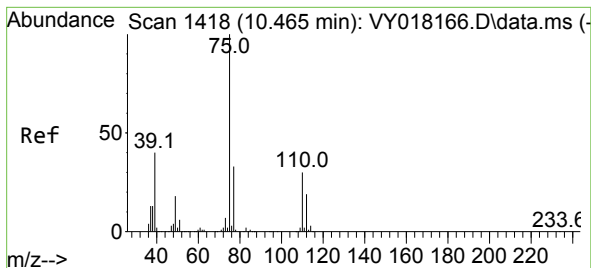
Tgt Ion: 43 Resp: 136834
Ion Ratio Lower Upper
43 100
58 41.7 35.7 53.5



#52
Toluene
Concen: 18.358 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 92 Resp: 121332
Ion Ratio Lower Upper
92 100
91 172.2 139.0 208.6

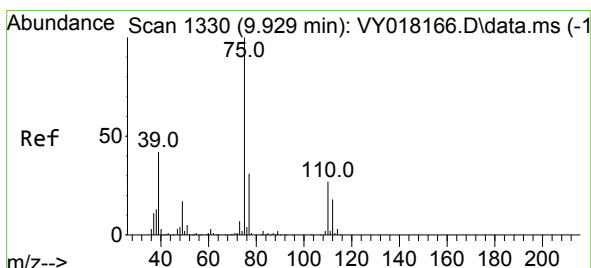
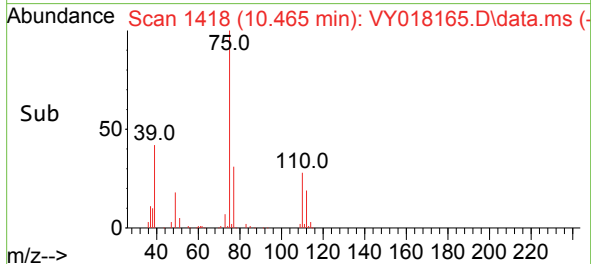
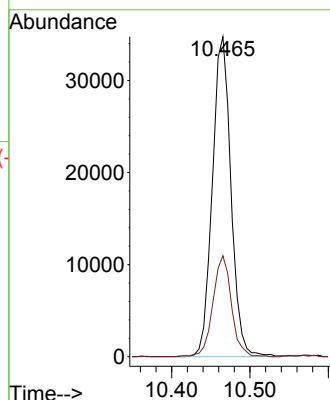
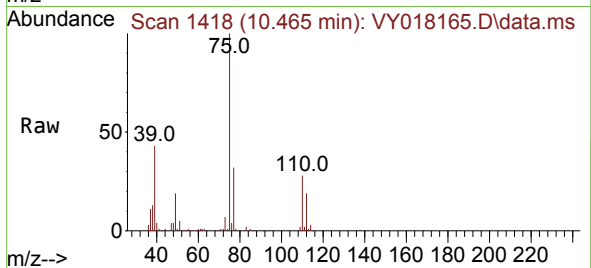




#53
t-1,3-Dichloropropene
Concen: 19.223 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

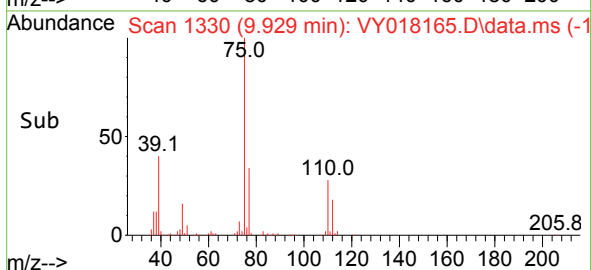
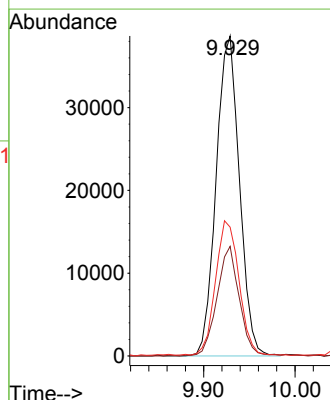
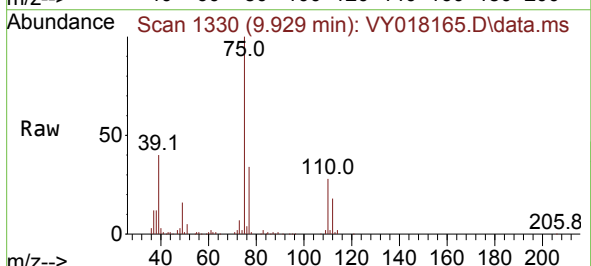
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

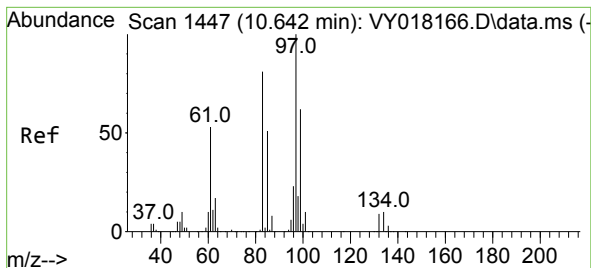
Tgt Ion: 75 Resp: 57278
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 18.785 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 75 Resp: 68420
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0
39 40.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.337 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 34276

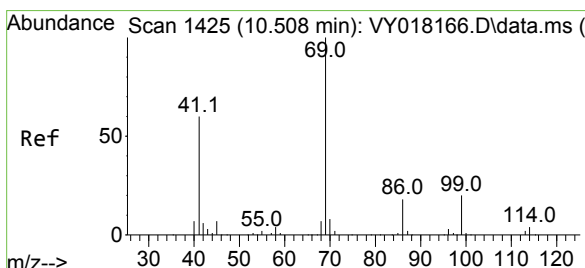
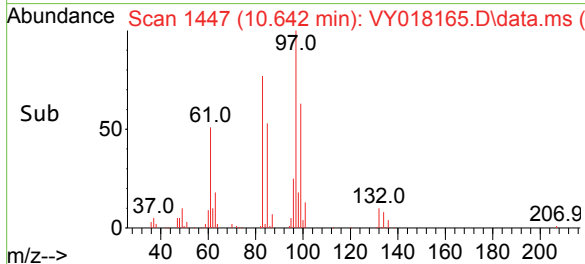
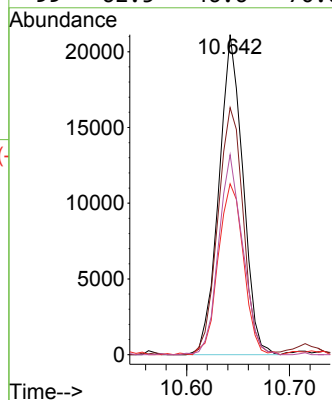
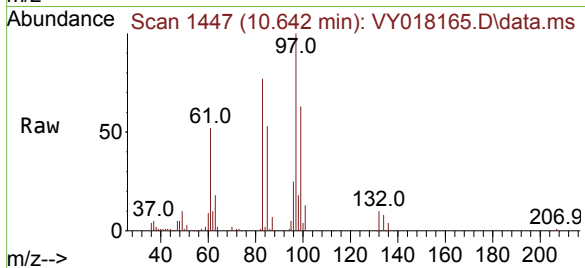
Ion Ratio Lower Upper

97 100

83 77.2 67.5 101.3

85 53.4 42.9 64.3

99 62.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.913 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

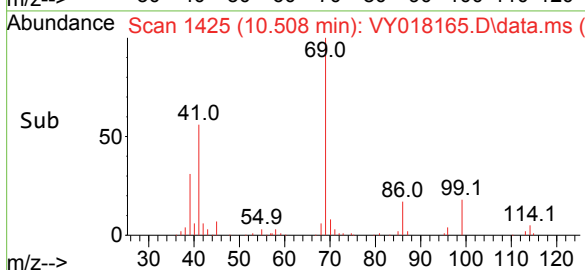
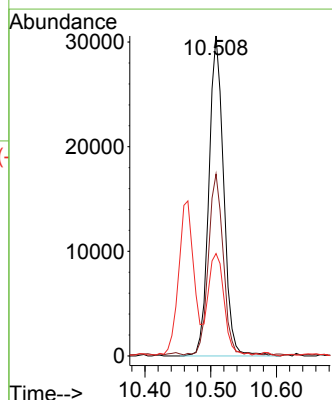
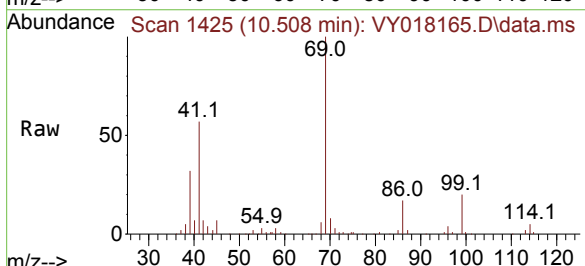
Tgt Ion: 69 Resp: 47937

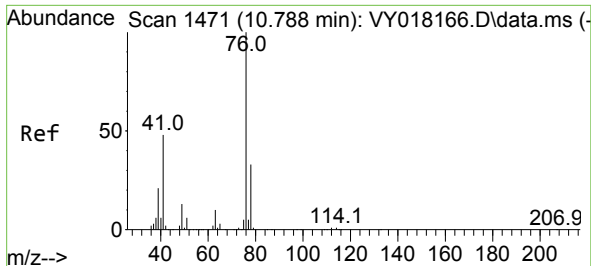
Ion Ratio Lower Upper

69 100

41 56.6 42.3 63.5

39 35.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.490 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

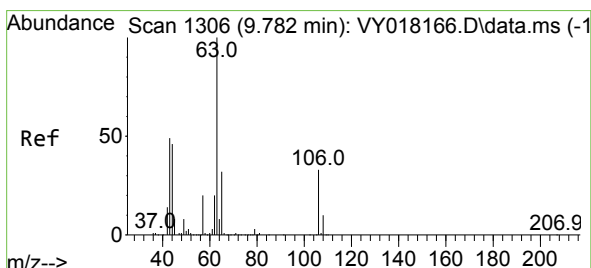
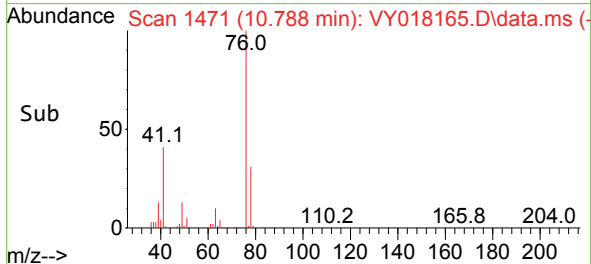
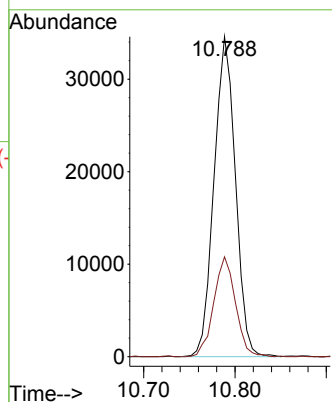
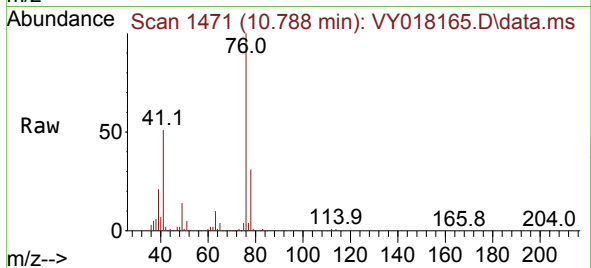
VSTDIC020

Tgt Ion: 76 Resp: 56227

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.337 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018165.D

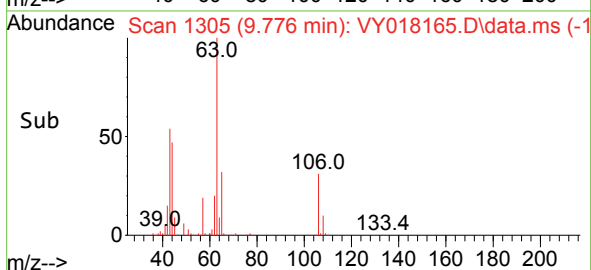
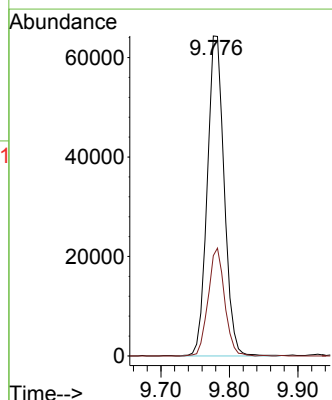
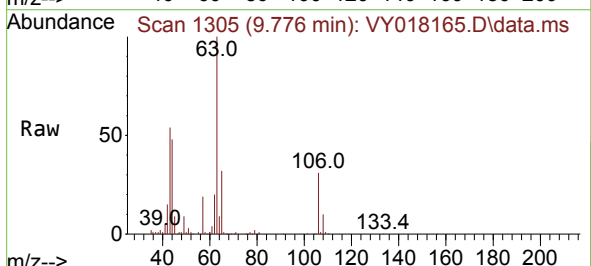
Acq: 07 May 2024 10:16

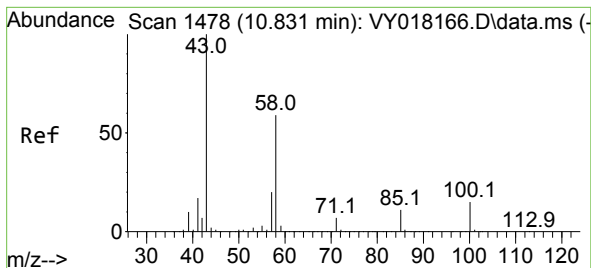
Tgt Ion: 63 Resp: 110743

Ion Ratio Lower Upper

63 100

106 32.7 23.7 35.5

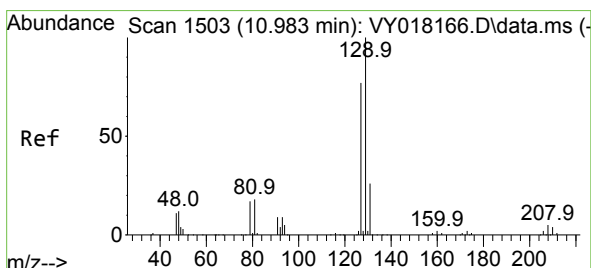
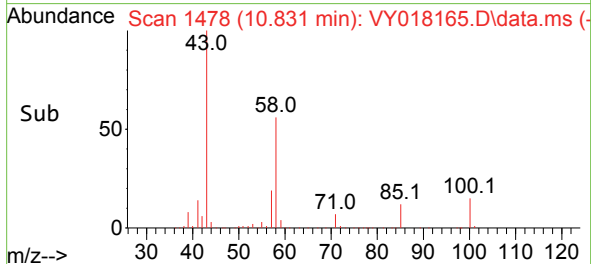
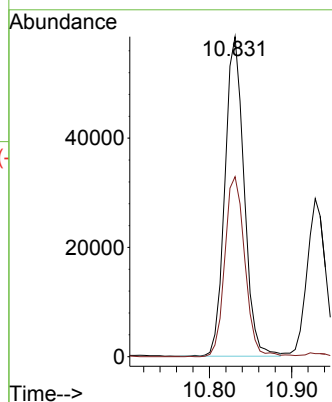
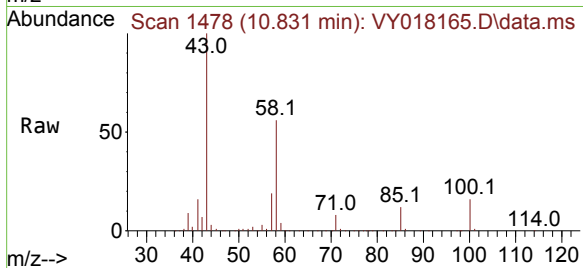




#59
2-Hexanone
Concen: 97.812 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

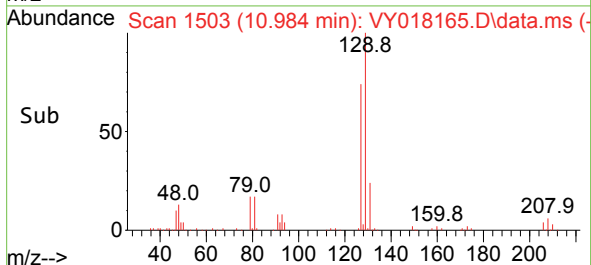
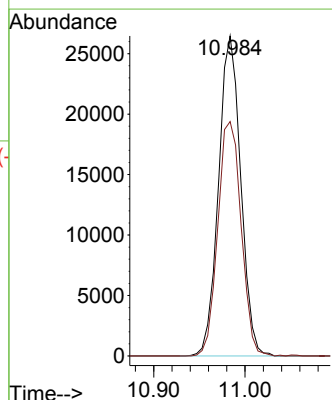
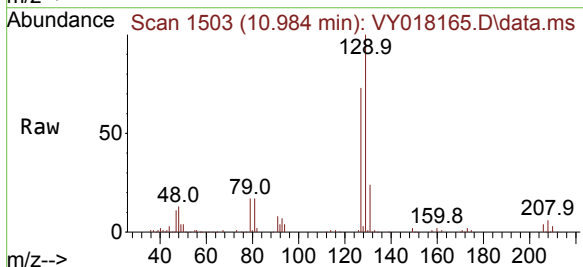
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

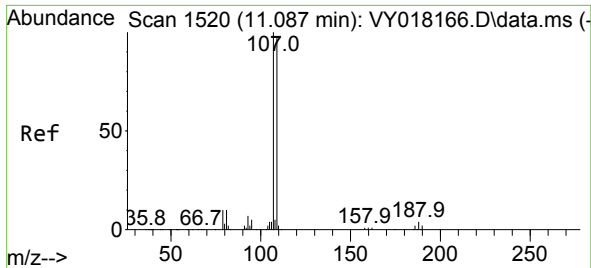
Tgt Ion: 43 Resp: 94650
Ion Ratio Lower Upper
43 100
58 58.9 31.4 94.0



#60
Dibromochloromethane
Concen: 19.434 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 129 Resp: 44694
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

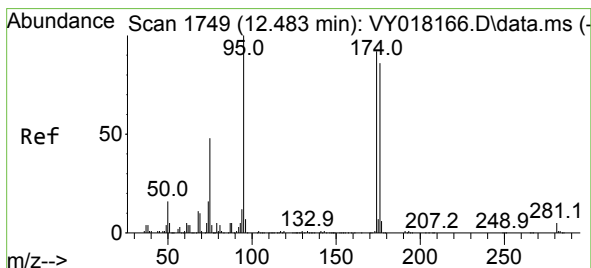
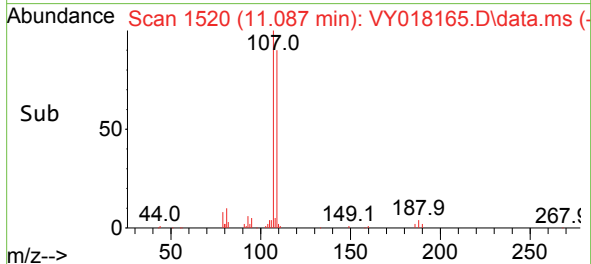
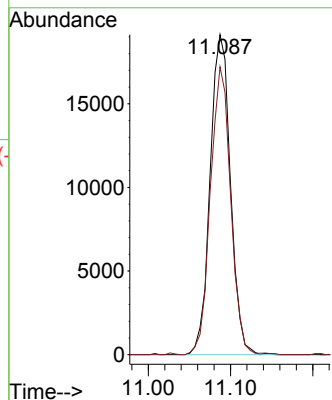
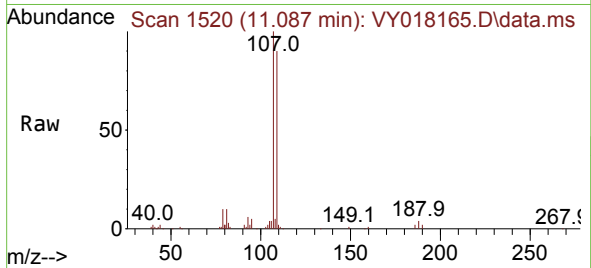




#61
1,2-Dibromoethane
Concen: 19.642 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

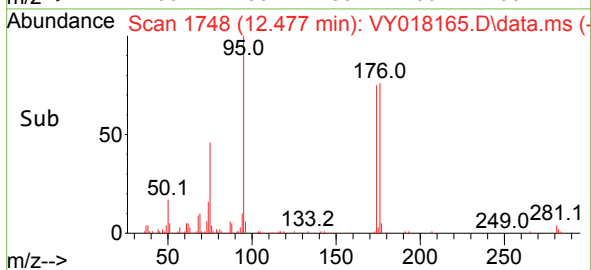
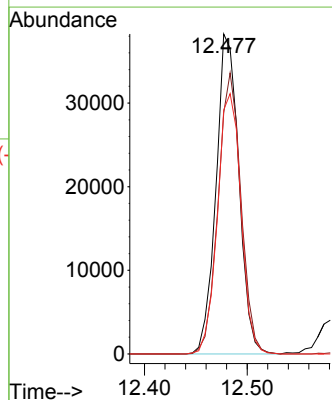
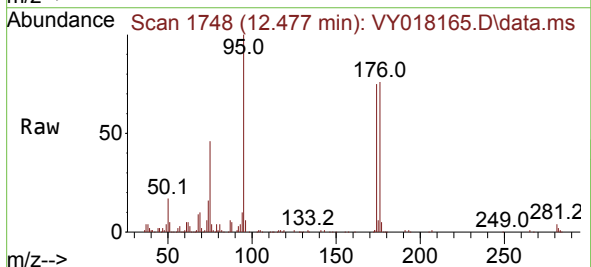
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

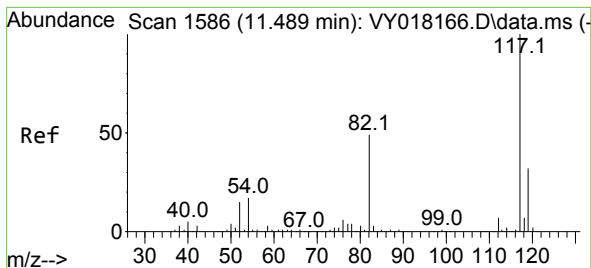
Tgt Ion:107 Resp: 32793
Ion Ratio Lower Upper
107 100
109 89.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 20.799 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 95 Resp: 58931
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 83.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

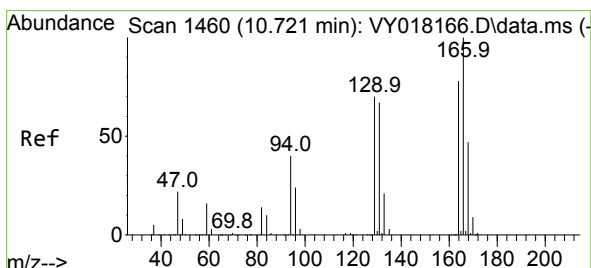
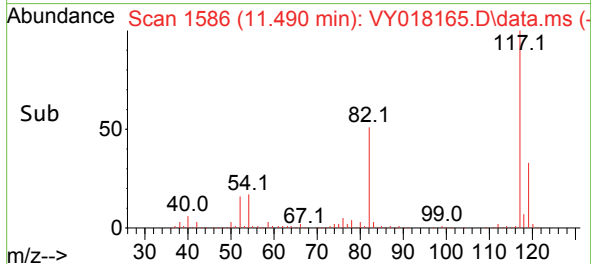
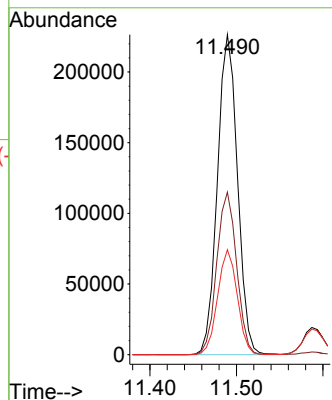
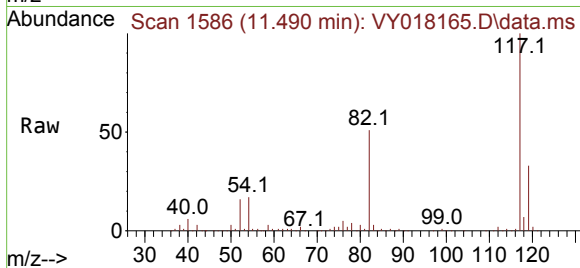
Tgt Ion:117 Resp: 364791

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.8 25.9 38.9



#64

Tetrachloroethene

Concen: 17.817 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Tgt Ion:164 Resp: 43275

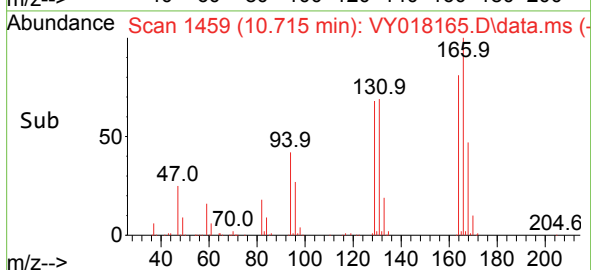
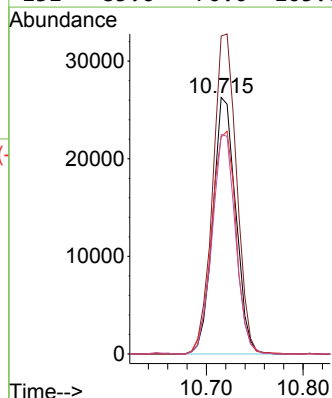
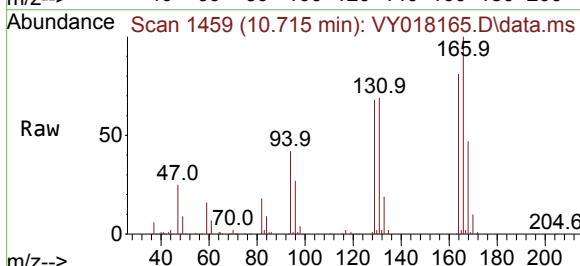
Ion Ratio Lower Upper

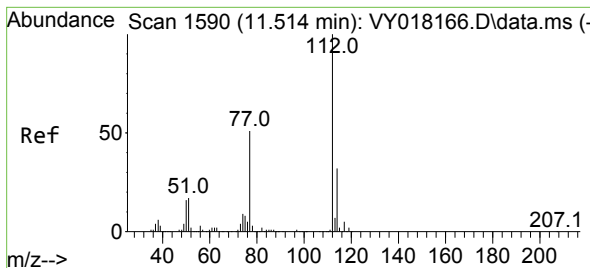
164 100

166 123.9 102.6 154.0

129 84.5 72.0 108.0

131 85.6 70.0 105.0

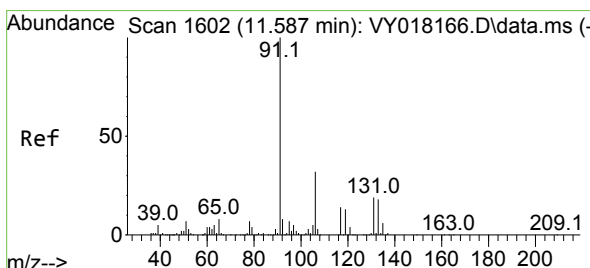
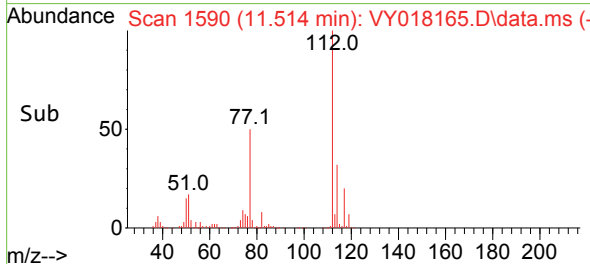
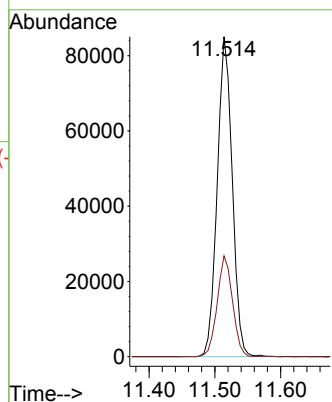
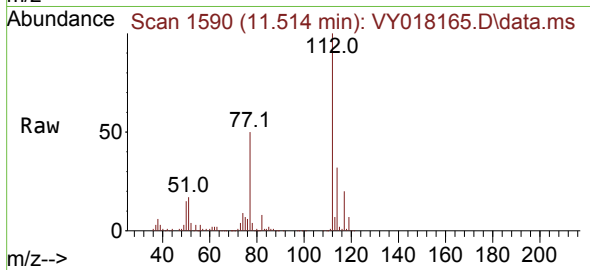




#65
Chlorobenzene
Concen: 18.198 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

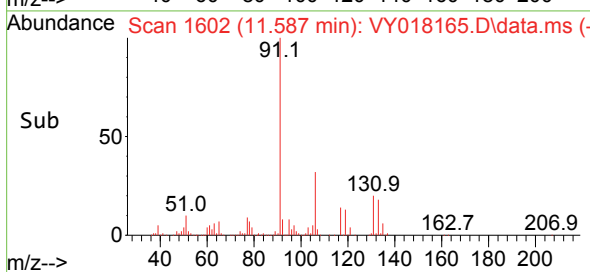
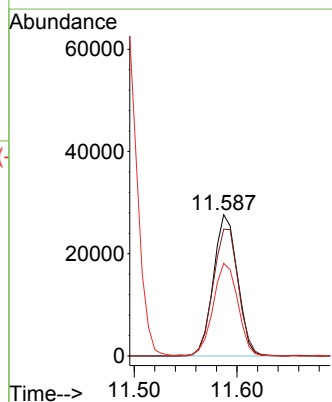
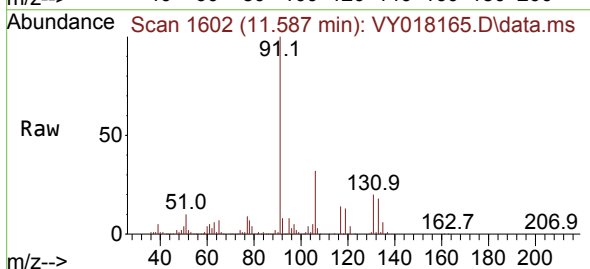
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

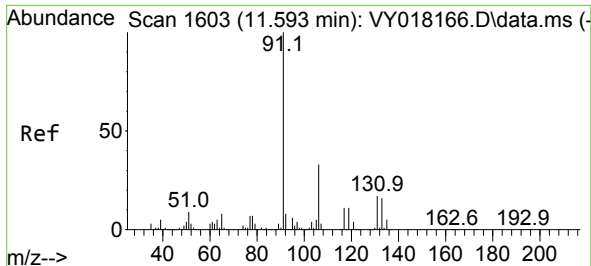
Tgt Ion:112 Resp: 135204
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.700 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion:131 Resp: 44940
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 67.6 34.1 102.2

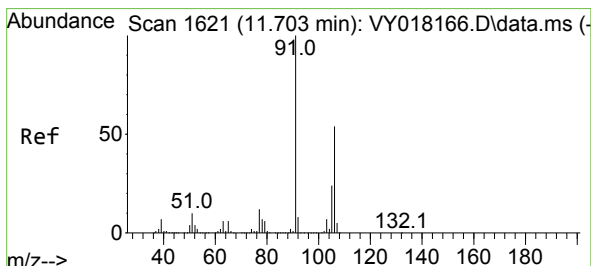
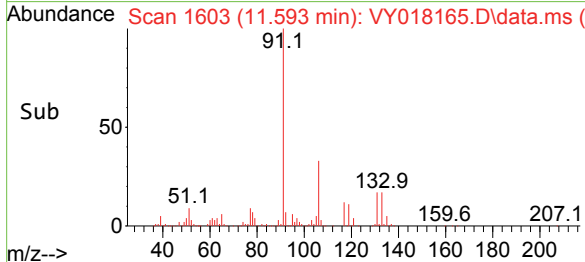
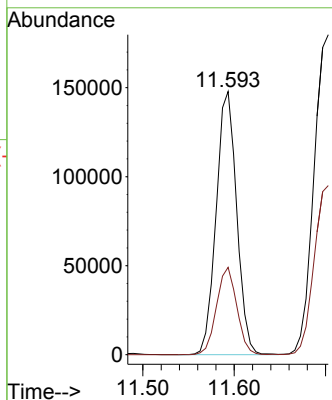
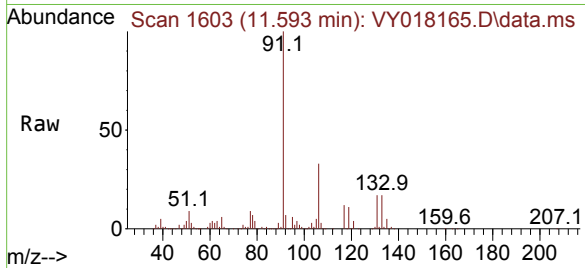




#67
Ethyl Benzene
Concen: 18.395 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

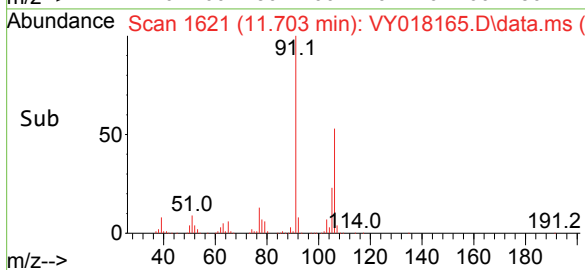
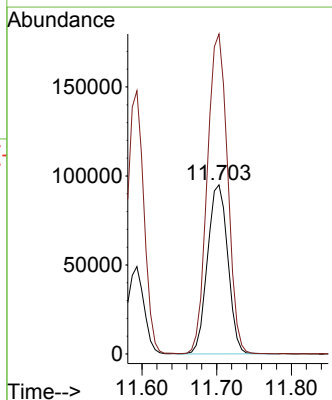
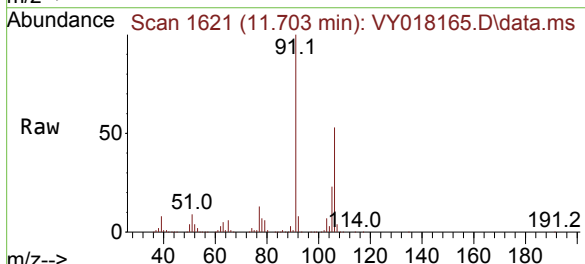
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

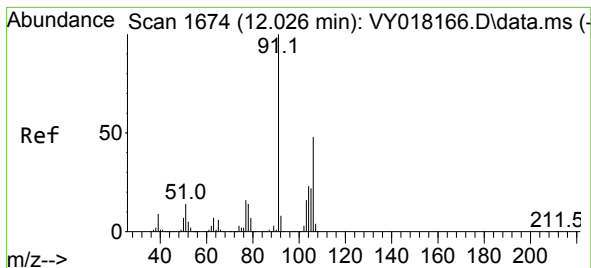
Tgt Ion: 91 Resp: 230752
Ion Ratio Lower Upper
91 100
106 33.2 24.5 36.7



#68
m/p-Xylenes
Concen: 36.223 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion: 106 Resp: 179692
Ion Ratio Lower Upper
106 100
91 189.4 156.0 234.0

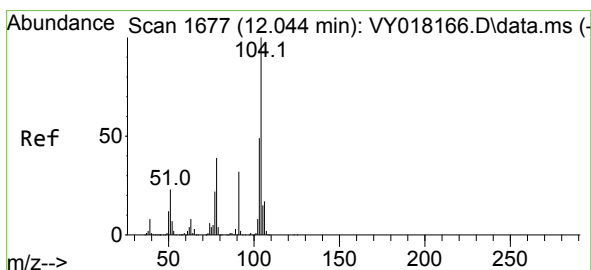
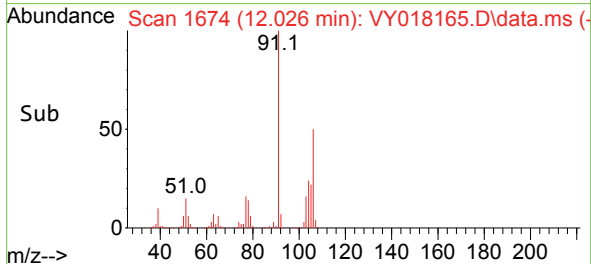
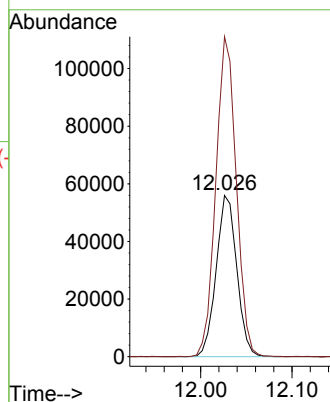
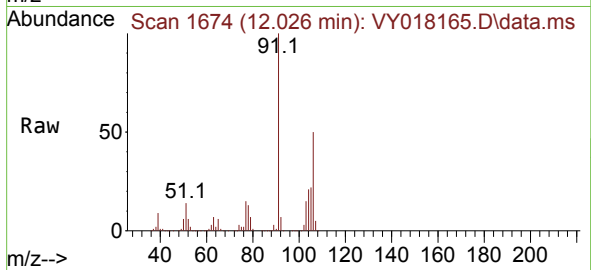




#69
o-Xylene
Concen: 18.464 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

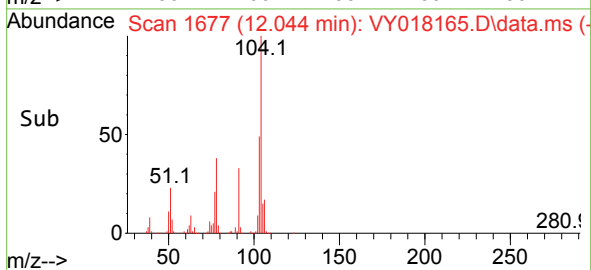
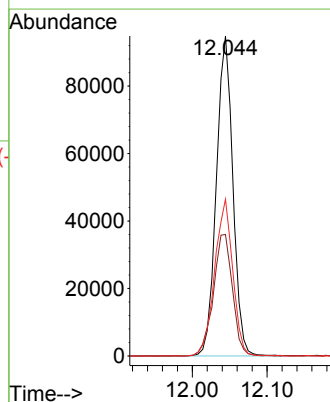
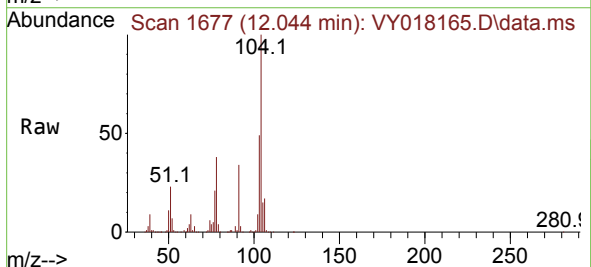
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

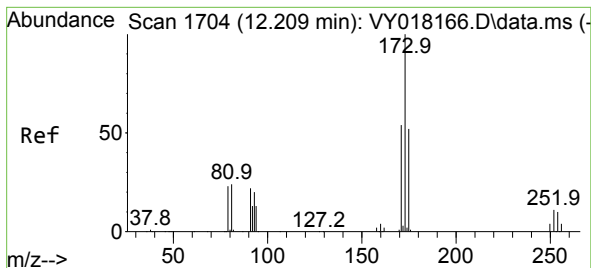
Tgt Ion:106 Resp: 87902
Ion Ratio Lower Upper
106 100
91 196.7 103.6 310.8



#70
Styrene
Concen: 18.336 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018165.D
Acq: 07 May 2024 10:16

Tgt Ion:104 Resp: 145778
Ion Ratio Lower Upper
104 100
78 44.0 37.0 55.4
103 53.5 44.2 66.2





#71

Bromoform

Concen: 19.162 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

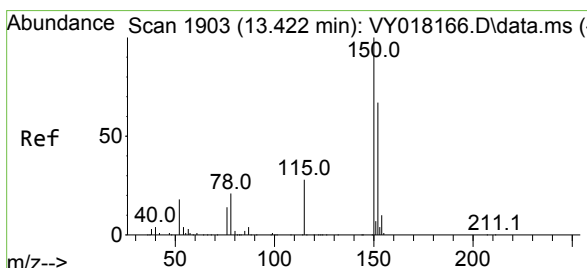
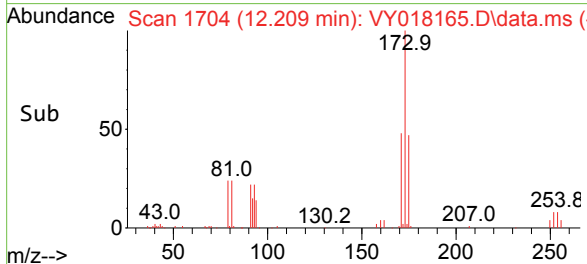
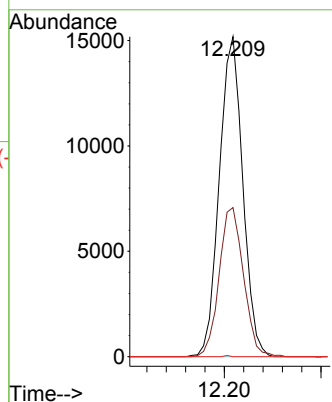
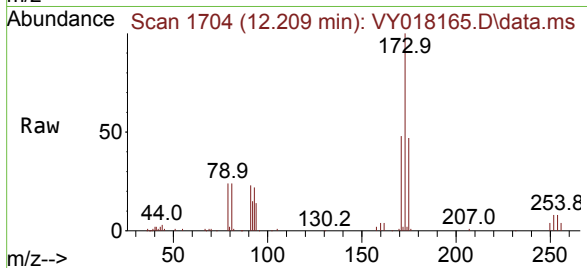
Tgt Ion:173 Resp: 25480

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

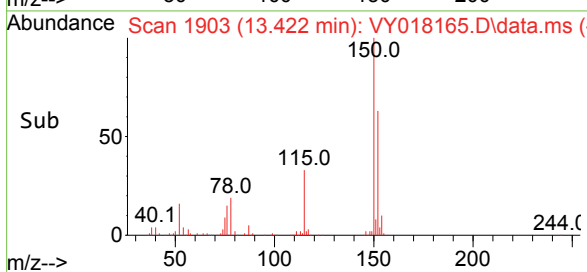
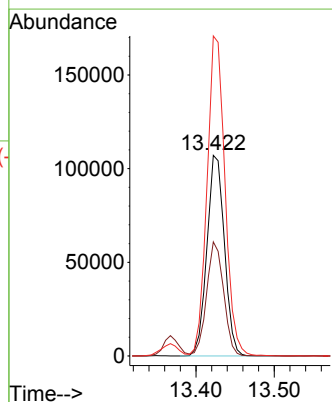
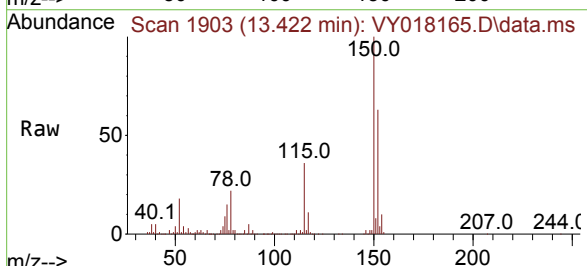
Tgt Ion:152 Resp: 166101

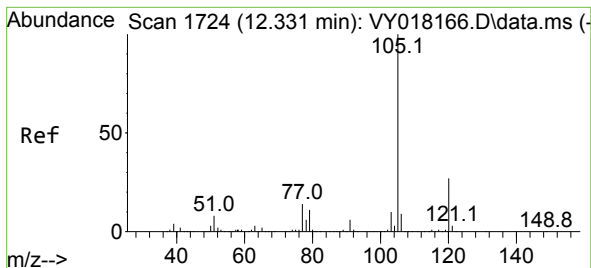
Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 163.4 0.0 345.6





#73

Isopropylbenzene

Concen: 17.715 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

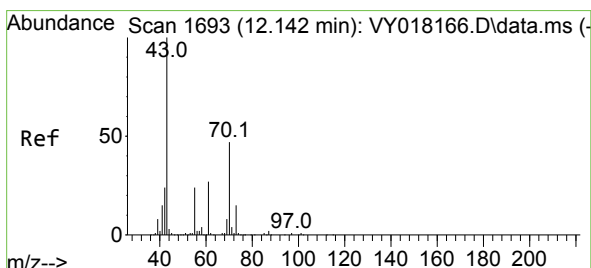
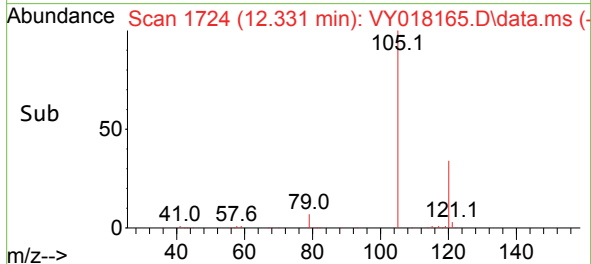
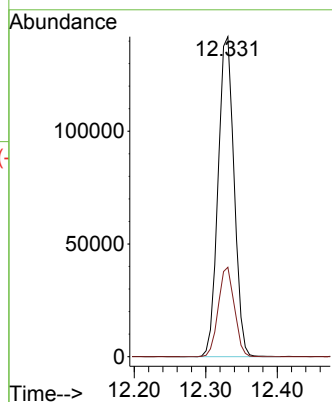
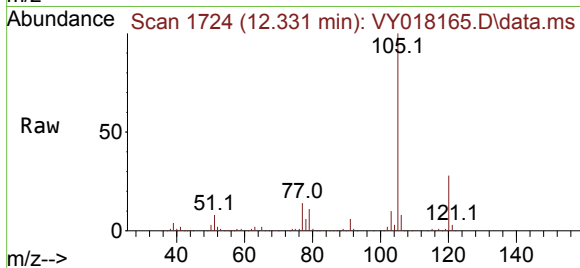
VSTDICC020

Tgt Ion:105 Resp: 220611

Ion Ratio Lower Upper

105 100

120 28.1 13.4 40.1



#74

N-ethyl acetate

Concen: 19.056 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Tgt Ion: 43 Resp: 49264

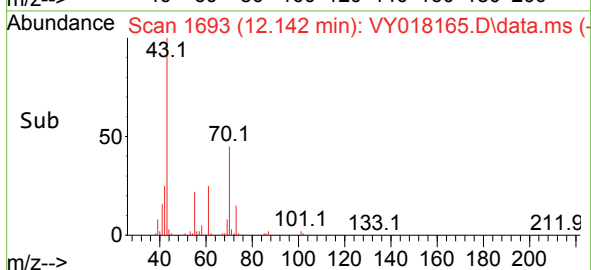
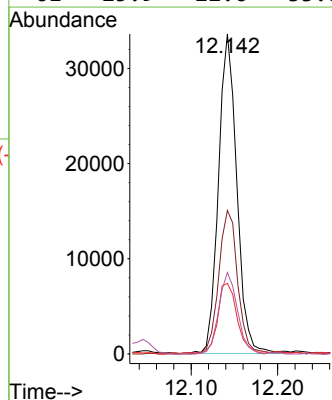
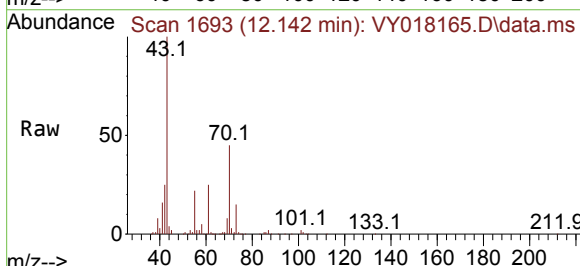
Ion Ratio Lower Upper

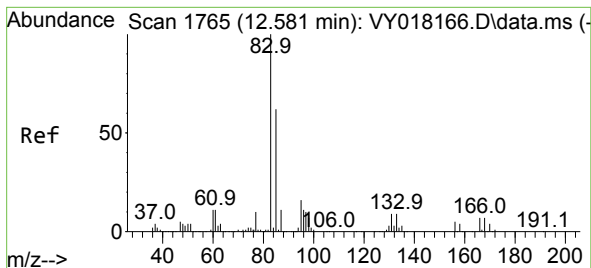
43 100

70 46.8 41.4 62.2

55 24.2 23.3 34.9

61 25.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.916 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

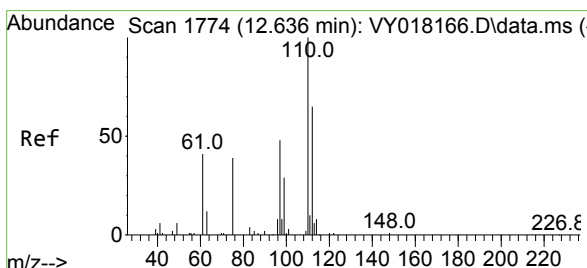
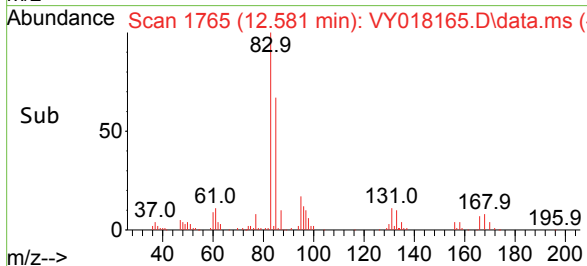
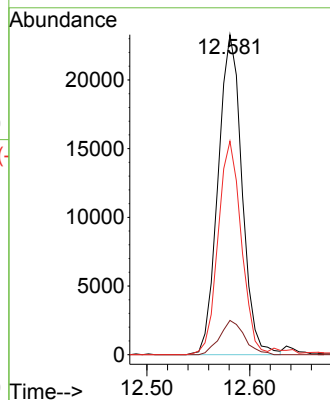
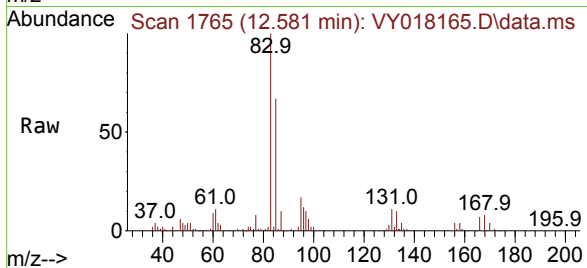
Tgt Ion: 83 Resp: 37579

Ion Ratio Lower Upper

83 100

131 11.1 5.0 14.9

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.621 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. -0.012 min

Lab File: VY018165.D

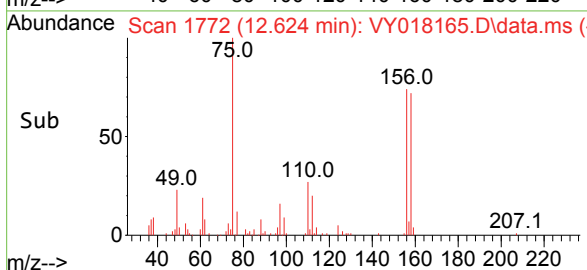
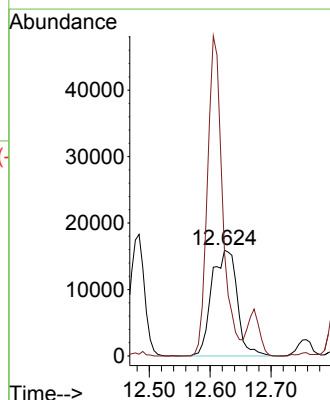
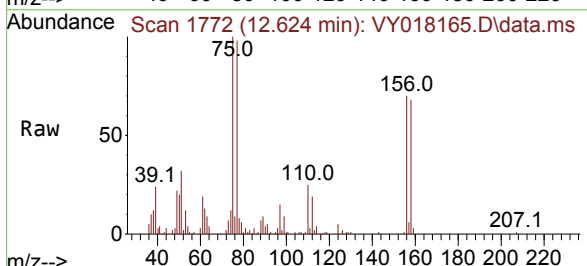
Acq: 07 May 2024 10:16

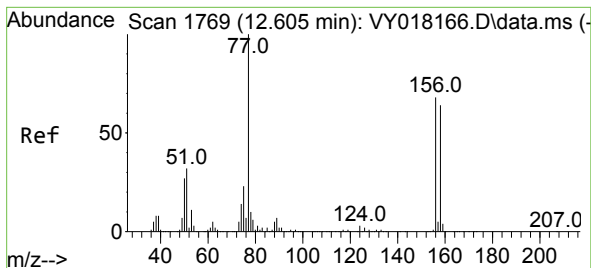
Tgt Ion: 75 Resp: 46030

Ion Ratio Lower Upper

75 100

77 181.8 0.0 0.0#





#77

Bromobenzene

Concen: 18.057 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

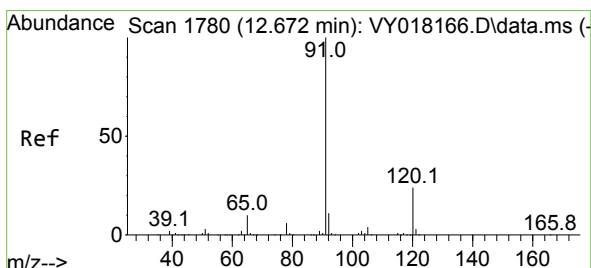
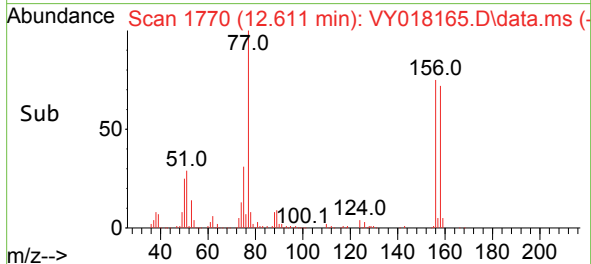
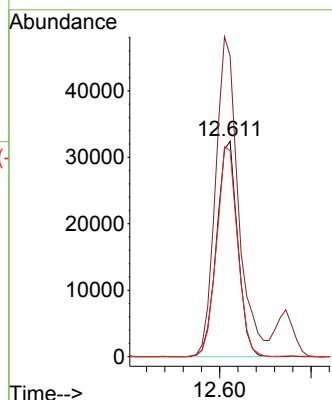
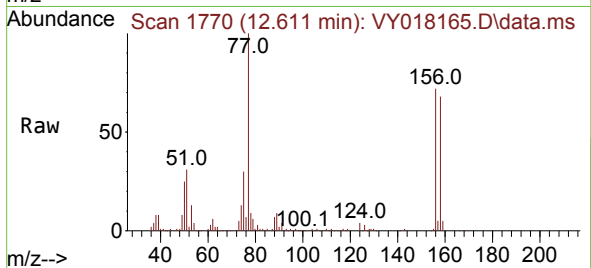
Tgt Ion:156 Resp: 51661

Ion Ratio Lower Upper

156 100

77 162.0 87.1 261.3

158 97.9 48.6 145.9



#78

n-propylbenzene

Concen: 17.715 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018165.D

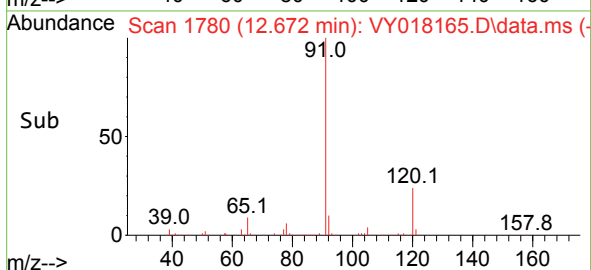
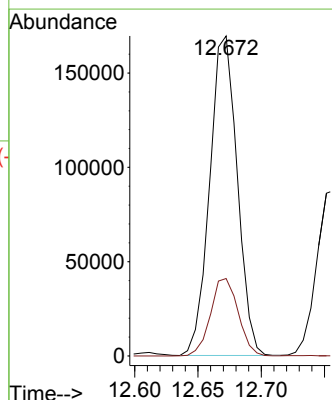
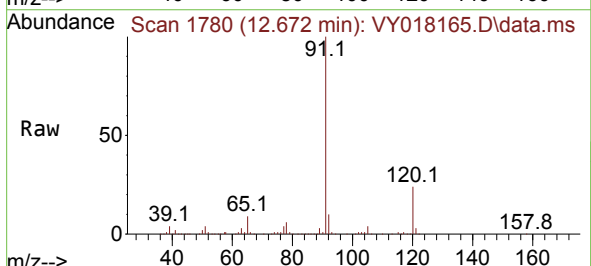
Acq: 07 May 2024 10:16

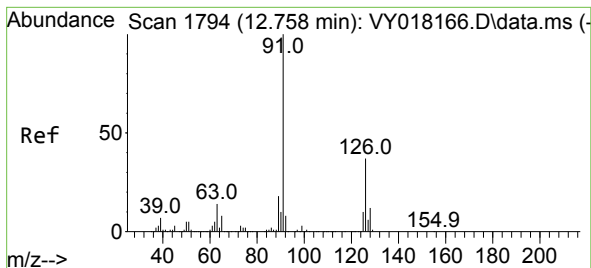
Tgt Ion: 91 Resp: 256606

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.928 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

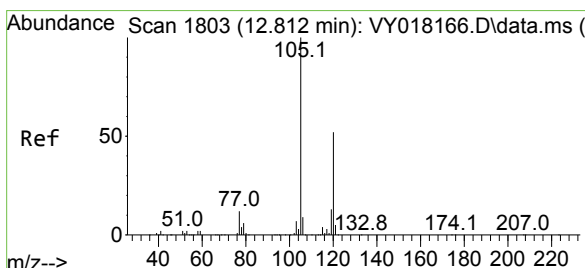
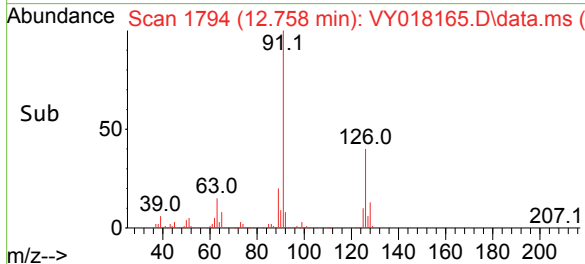
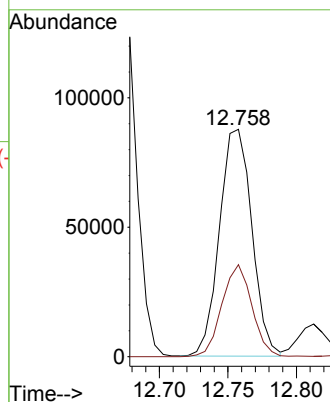
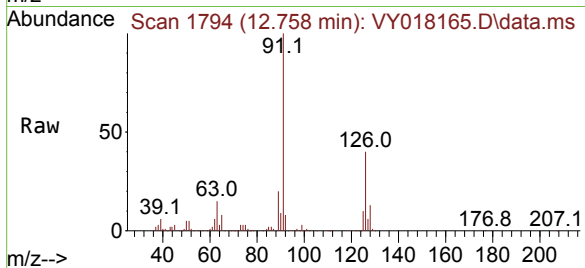
VSTDIC020

Tgt Ion: 91 Resp: 144306

Ion Ratio Lower Upper

91 100

126 37.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 17.971 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018165.D

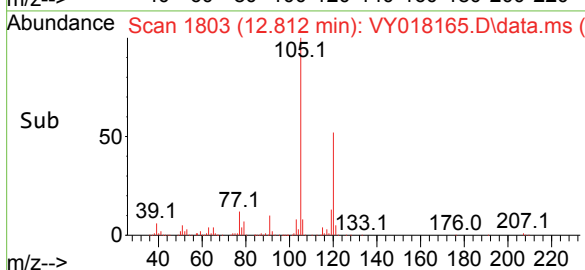
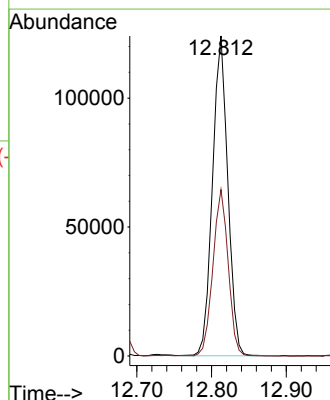
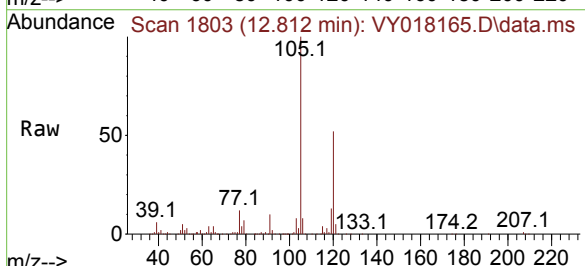
Acq: 07 May 2024 10:16

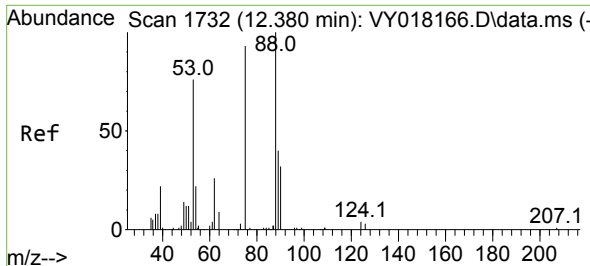
Tgt Ion:105 Resp: 176479

Ion Ratio Lower Upper

105 100

120 51.9 25.1 75.2



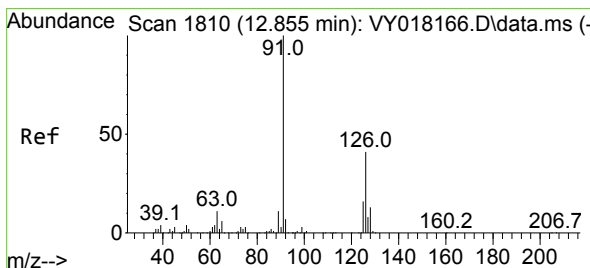
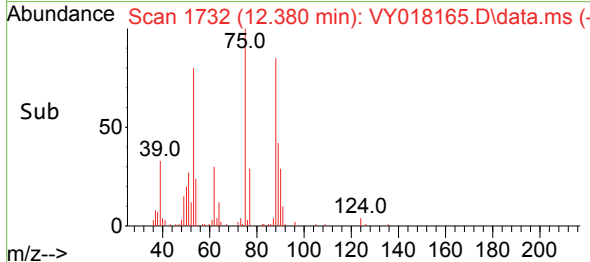
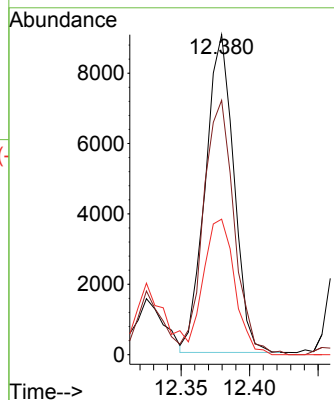
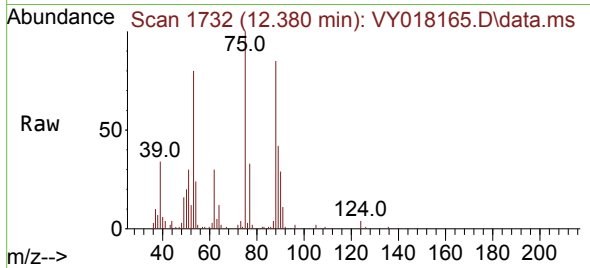


#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.917 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. 0.000 min
 Lab File: VY018165.D
 Acq: 07 May 2024 10:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 13054

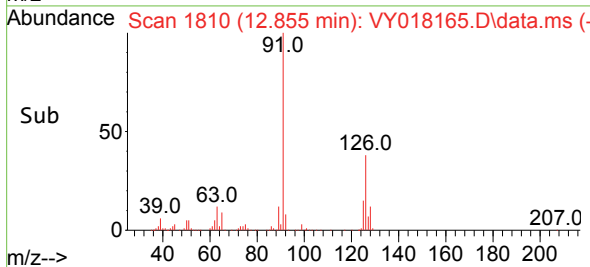
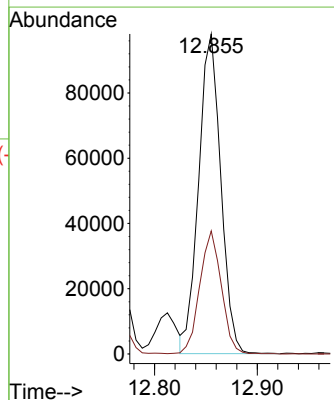
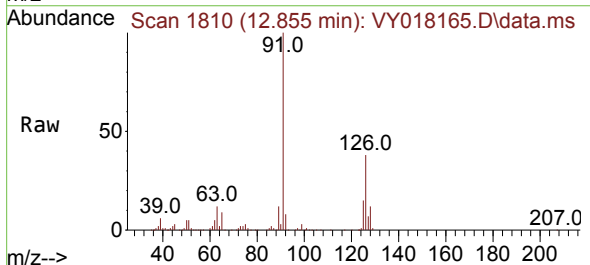
Ion	Ratio	Lower	Upper
75	100		
53	85.9	66.8	100.2
89	46.3	35.8	53.6

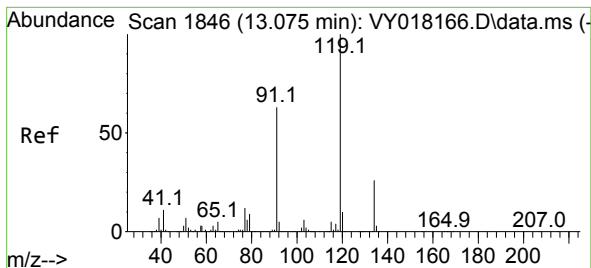


#82
 4-Chlorotoluene
 Concen: 18.158 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY018165.D
 Acq: 07 May 2024 10:16

Tgt Ion: 91 Resp: 146814

Ion	Ratio	Lower	Upper
91	100		
126	37.6	17.6	52.9





#83

tert-Butylbenzene

Concen: 17.682 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

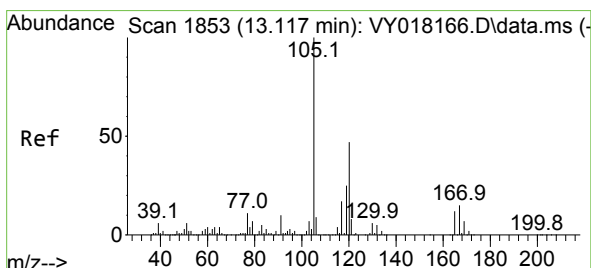
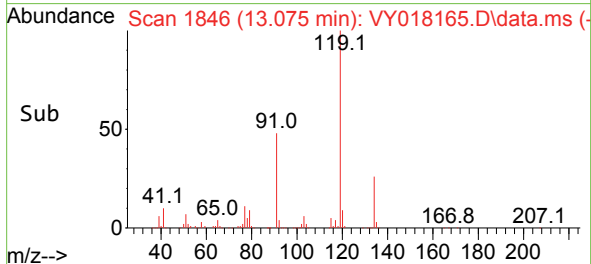
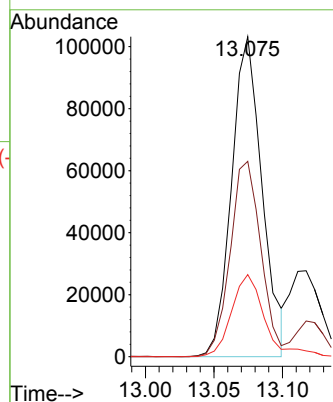
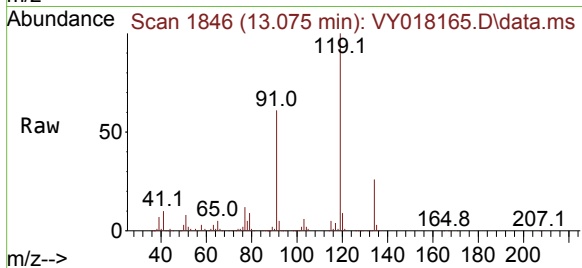
Tgt Ion:119 Resp: 160160

Ion Ratio Lower Upper

119 100

91 61.4 31.3 93.8

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.175 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018165.D

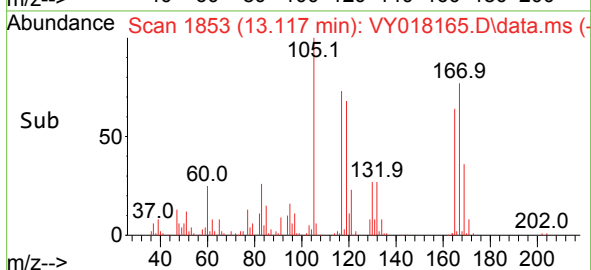
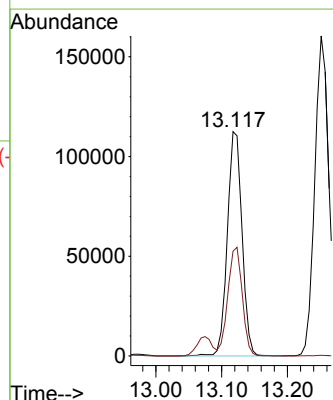
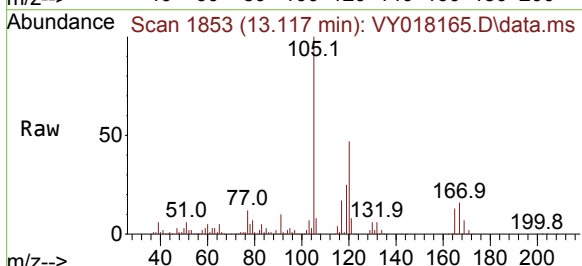
Acq: 07 May 2024 10:16

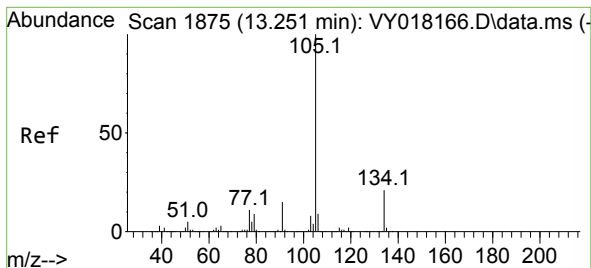
Tgt Ion:105 Resp: 174835

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 17.948 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

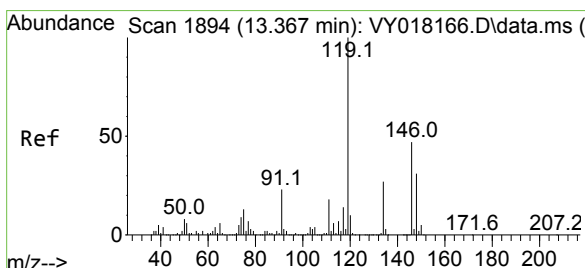
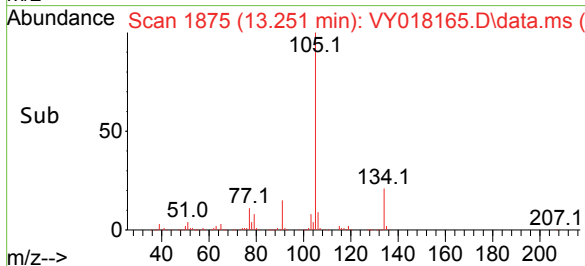
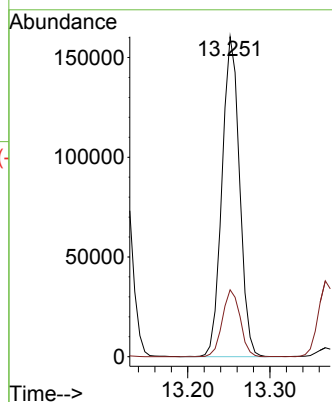
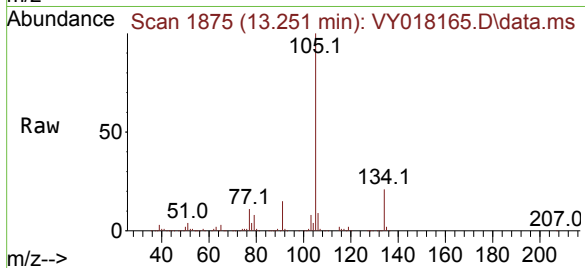
VSTDICC020

Tgt Ion:105 Resp: 238466

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.053 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

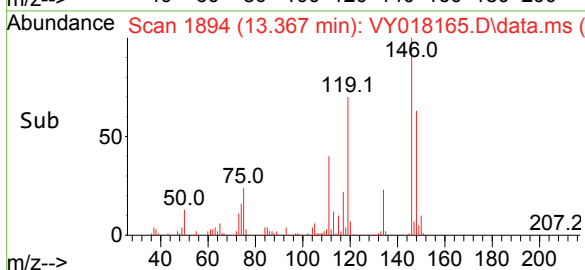
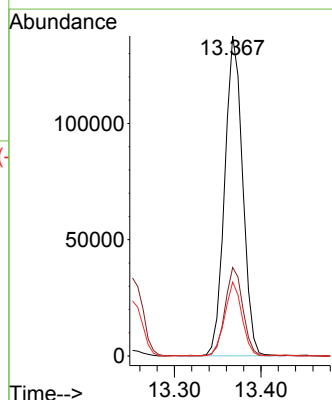
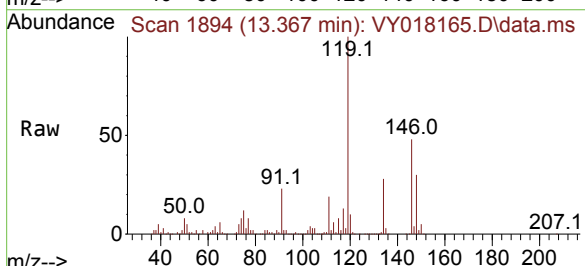
Tgt Ion:119 Resp: 197321

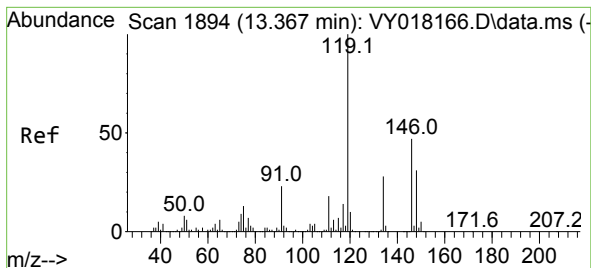
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 22.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.228 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

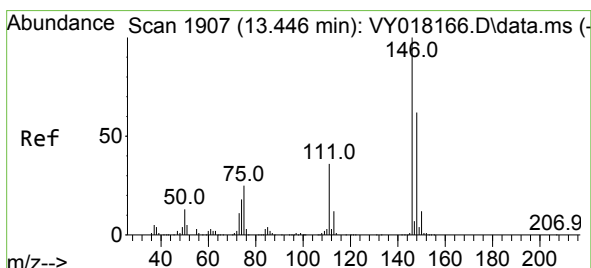
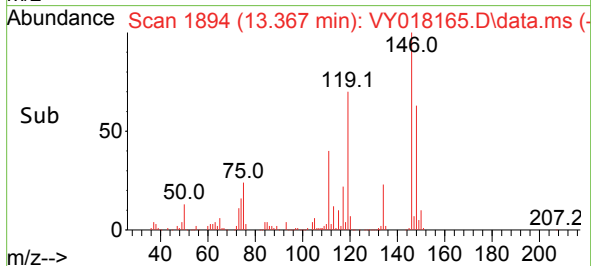
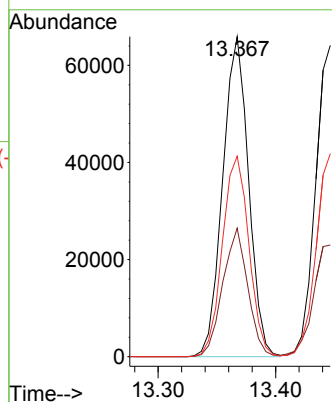
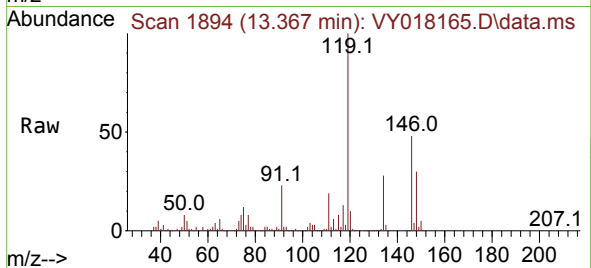
Tgt Ion:146 Resp: 100711

Ion Ratio Lower Upper

146 100

111 39.0 19.0 57.0

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.436 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

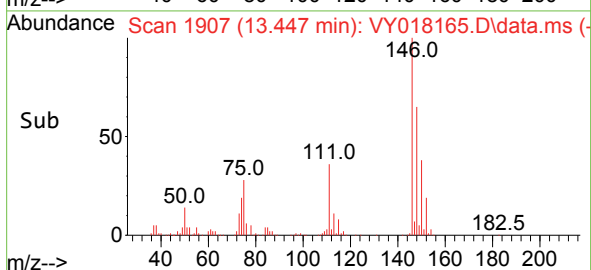
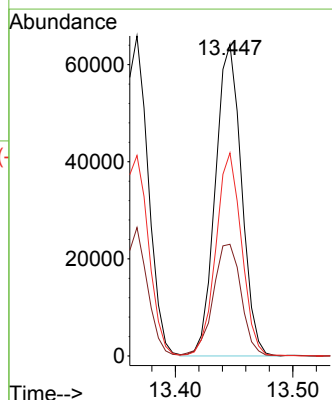
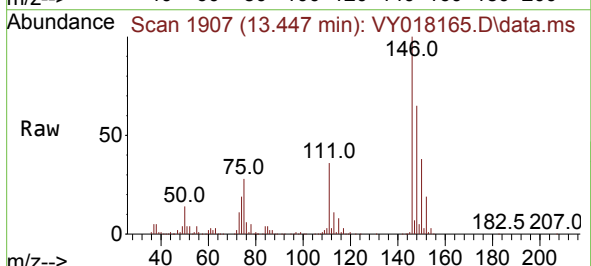
Tgt Ion:146 Resp: 99300

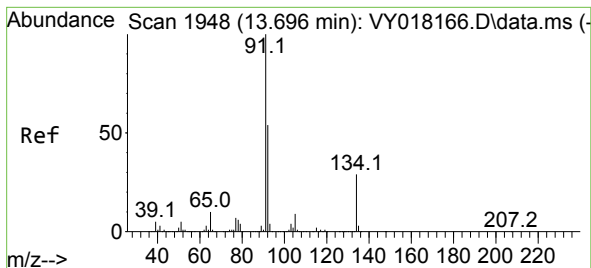
Ion Ratio Lower Upper

146 100

111 38.4 18.4 55.4

148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 17.961 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

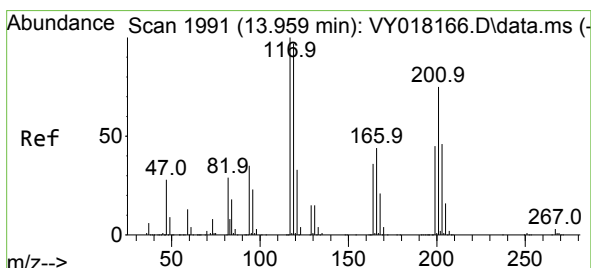
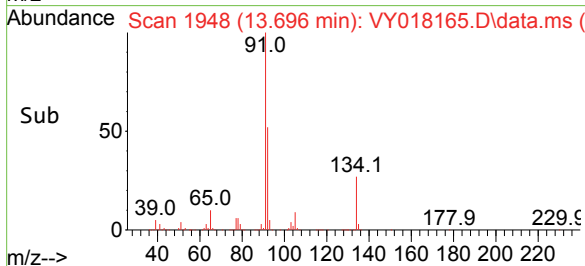
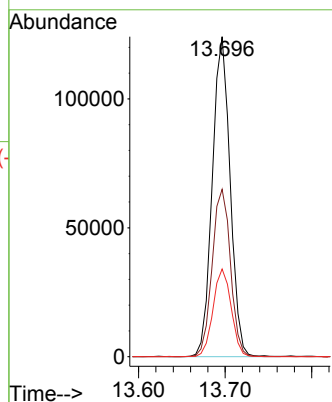
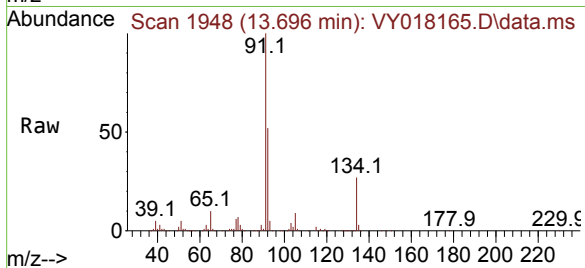
Tgt Ion: 91 Resp: 177670

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 27.9 12.9 38.7



#90

Hexachloroethane

Concen: 18.119 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018165.D

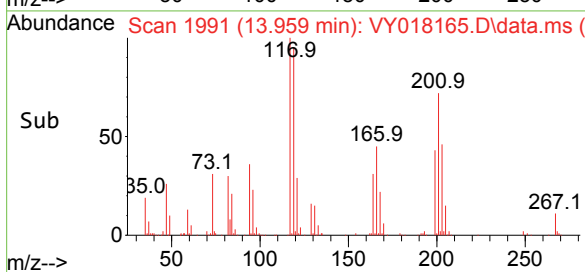
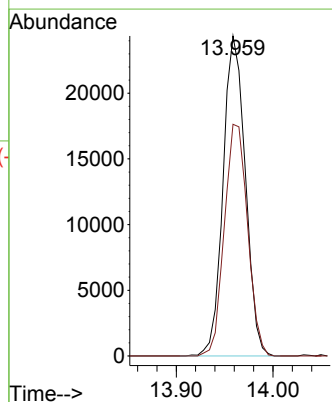
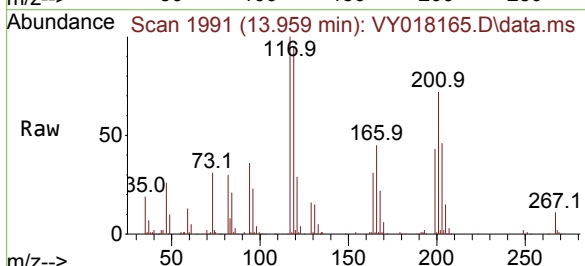
Acq: 07 May 2024 10:16

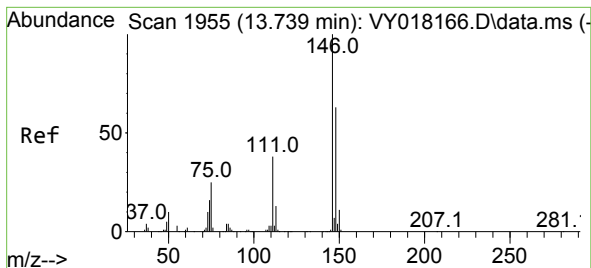
Tgt Ion: 117 Resp: 38853

Ion Ratio Lower Upper

117 100

201 75.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.413 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

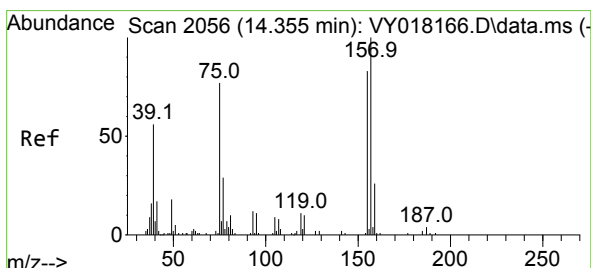
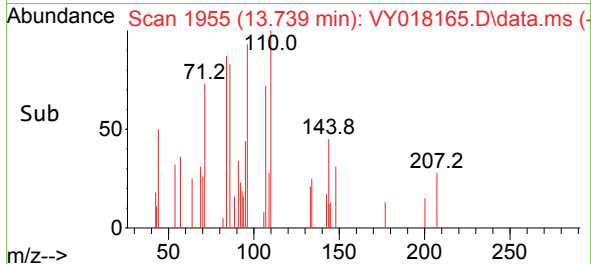
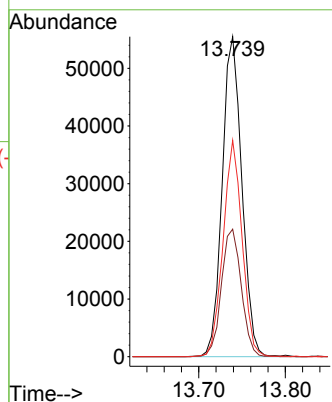
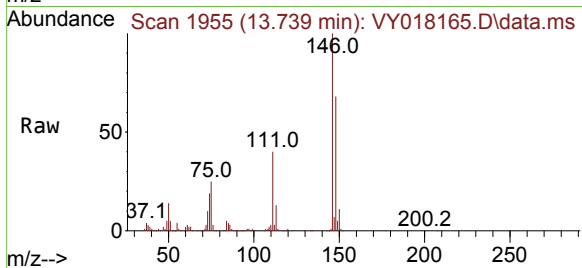
Tgt Ion:146 Resp: 87443

Ion Ratio Lower Upper

146 100

111 40.4 19.9 59.7

148 65.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.072 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

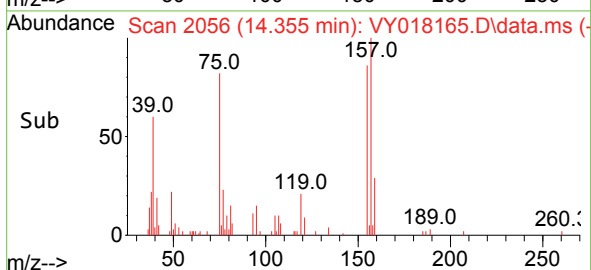
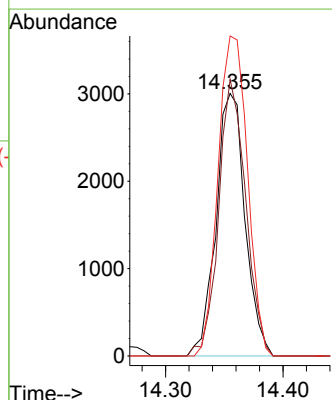
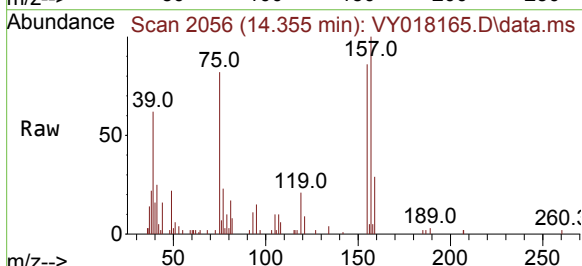
Tgt Ion: 75 Resp: 5159

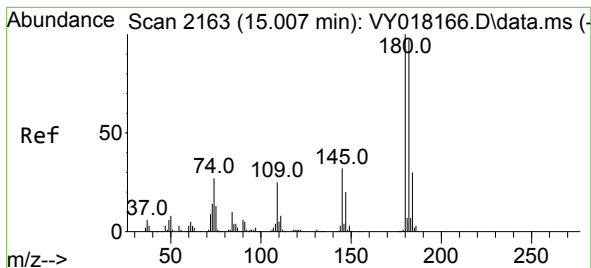
Ion Ratio Lower Upper

75 100

155 98.2 48.6 145.8

157 123.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.365 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

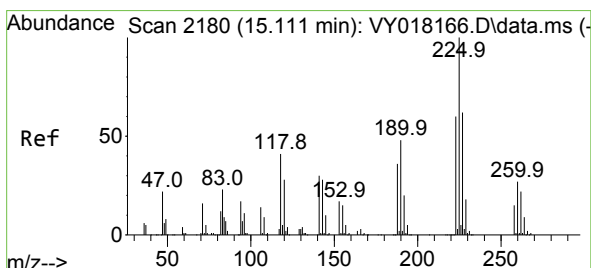
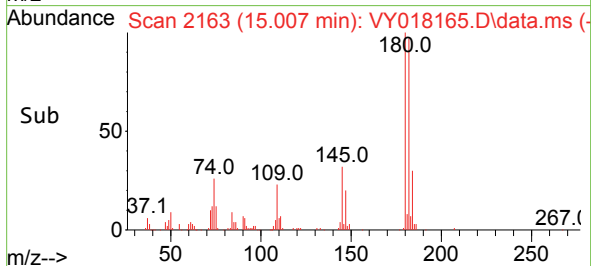
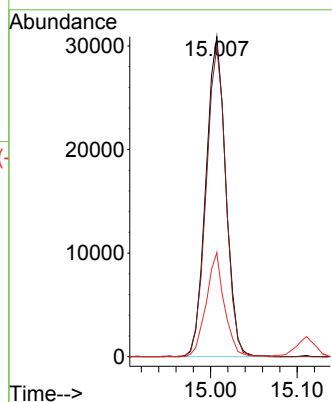
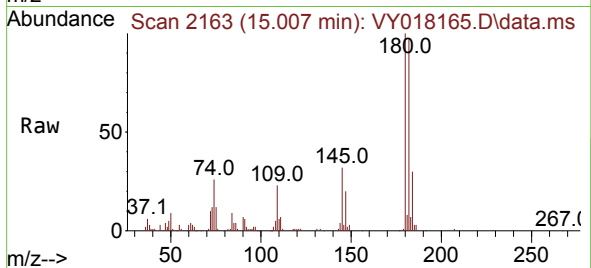
Tgt Ion:180 Resp: 49029

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.8

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.233 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

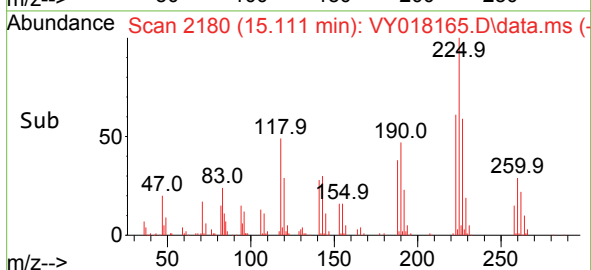
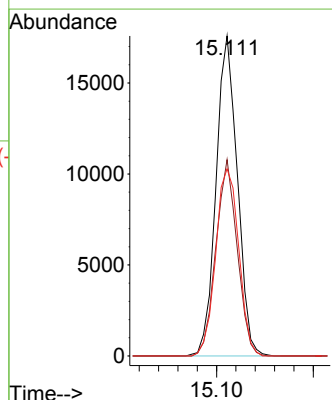
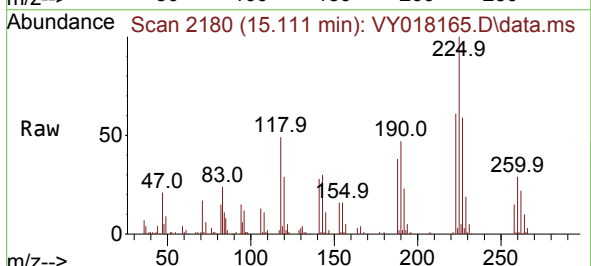
Tgt Ion:225 Resp: 26858

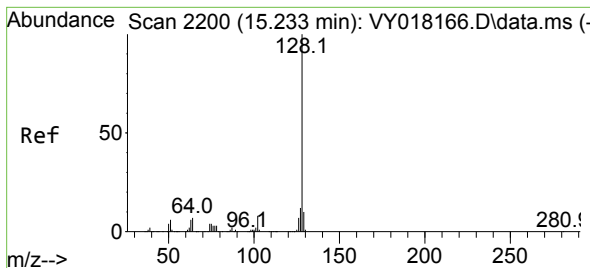
Ion Ratio Lower Upper

225 100

223 61.2 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 19.177 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

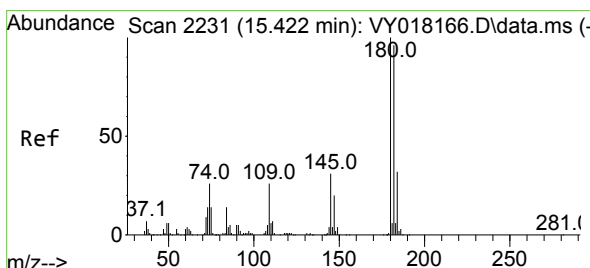
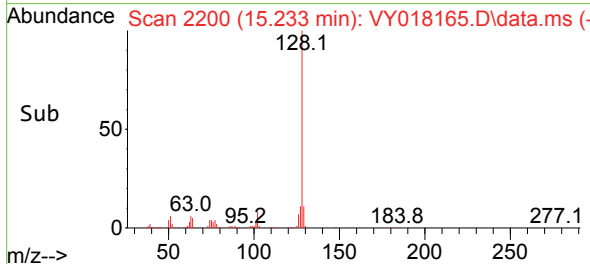
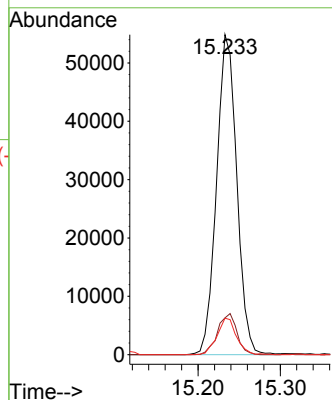
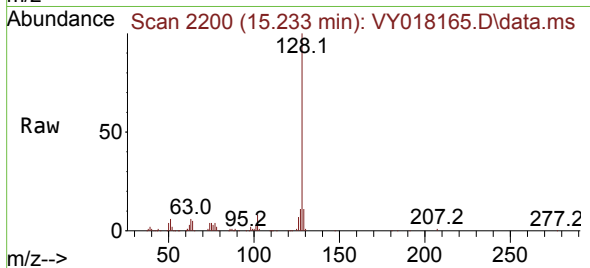
Tgt Ion:128 Resp: 93814

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.919 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018165.D

Acq: 07 May 2024 10:16

Tgt Ion:180 Resp: 41452

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.9

145 32.1 15.4 46.1

