

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018164.D
 Acq On : 07 May 2024 09:53
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: May 08 01:14:11 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	260612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	432616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	19618	10.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.460%#
35) Dibromofluoromethane	7.716	113	23503	10.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.680%#
50) Toluene-d8	10.179	98	93821	10.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.940%#
62) 4-Bromofluorobenzene	12.483	95	30258	10.458	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.920%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20683	10.007	ug/l	99
3) Chloromethane	2.107	50	26806	9.689	ug/l	99
4) Vinyl Chloride	2.241	62	31826	9.490	ug/l	98
5) Bromomethane	2.644	94	22013	9.451	ug/l	93
6) Chloroethane	2.784	64	20579	9.669	ug/l	90
7) Trichlorofluoromethane	3.119	101	37598	9.571	ug/l	98
8) Diethyl Ether	3.522	74	12239	9.464	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	24053	9.607	ug/l	97
10) Methyl Iodide	4.082	142	27123	9.277	ug/l	98
11) Tert butyl alcohol	4.936	59	9621	47.505	ug/l #	70
12) 1,1-Dichloroethene	3.863	96	24245	9.620	ug/l	92
13) Acrolein	3.723	56	11559	58.213	ug/l	99
14) Allyl chloride	4.467	41	31799	9.918	ug/l	95
15) Acrylonitrile	5.162	53	23365	46.982	ug/l	97
16) Acetone	3.936	43	18305	47.843	ug/l	89
17) Carbon Disulfide	4.192	76	61711	8.994	ug/l	99
18) Methyl Acetate	4.467	43	10065	9.235	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	56124	9.997	ug/l #	90
20) Methylene Chloride	4.710	84	27602	10.207	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	25007	9.360	ug/l	99
22) Diisopropyl ether	6.113	45	67618	9.942	ug/l	95
23) Vinyl Acetate	6.052	43	199878	48.350	ug/l	98
24) 1,1-Dichloroethane	6.009	63	40800	9.739	ug/l #	95
25) 2-Butanone	6.978	43	28887	47.233	ug/l	99
26) 2,2-Dichloropropane	6.978	77	36410	9.603	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	30418	9.634	ug/l	95
28) Bromochloromethane	7.326	49	17680	10.559	ug/l	95
29) Tetrahydrofuran	7.344	42	19656	48.689	ug/l	94
30) Chloroform	7.503	83	42491	9.716	ug/l	99
31) Cyclohexane	7.783	56	39958	8.943	ug/l #	94
32) 1,1,1-Trichloroethane	7.698	97	38692	9.871	ug/l	98
36) 1,1-Dichloropropene	7.911	75	31379	9.627	ug/l	99
37) Ethyl Acetate	7.070	43	11935	8.700	ug/l #	87
38) Carbon Tetrachloride	7.899	117	34616	9.720	ug/l	97
39) Methylcyclohexane	9.179	83	44313	9.424	ug/l	96
40) Benzene	8.155	78	101426	9.674	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6326	7.986	ug/l	88
42) 1,2-Dichloroethane	8.228	62	21611	9.474	ug/l	98
43) Isopropyl Acetate	8.271	43	27136	9.650	ug/l	98
44) Trichloroethene	8.935	130	27498	9.635	ug/l	87
45) 1,2-Dichloropropane	9.216	63	22001	9.599	ug/l	98
46) Dibromomethane	9.301	93	12615	9.574	ug/l	96
47) Bromodichloromethane	9.490	83	30639	9.406	ug/l	97
48) Methyl methacrylate	9.289	41	11970	9.288	ug/l	97
49) 1,4-Dioxane	9.295	88	3563	203.709	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	65604	46.420	ug/l	97
52) Toluene	10.240	92	65930	9.768	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	29945	9.841	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	35733	9.607	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	18091	9.994	ug/l	98
56) Ethyl methacrylate	10.508	69	23073	9.385	ug/l #	90
57) 1,3-Dichloropropane	10.789	76	28999	9.843	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	61048	52.005	ug/l	91
59) 2-Hexanone	10.831	43	44582	45.116	ug/l	99
60) Dibromochloromethane	10.984	129	22393	9.535	ug/l	99
61) 1,2-Dibromoethane	11.087	107	16387	9.611	ug/l	95
64) Tetrachloroethene	10.721	164	23802	9.793	ug/l	98
65) Chlorobenzene	11.514	112	72715	9.781	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	22603	9.399	ug/l	94
67) Ethyl Benzene	11.593	91	120374	9.590	ug/l	94
68) m/p-Xylenes	11.703	106	95885	19.316	ug/l	97
69) o-Xylene	12.032	106	46348	9.729	ug/l	97
70) Styrene	12.044	104	77078	9.689	ug/l	96
71) Bromoform	12.209	173	12840	9.650	ug/l #	98
73) Isopropylbenzene	12.331	105	119396	9.851	ug/l	98
74) N-amyl acetate	12.142	43	23034	9.155	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	18580	9.610	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	23400	18.085	ug/l #	100
77) Bromobenzene	12.611	156	26959	9.682	ug/l	94
78) n-propylbenzene	12.666	91	137771	9.773	ug/l	95
79) 2-Chlorotoluene	12.752	91	76673	9.788	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	94083	9.844	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	6513	9.698	ug/l	99
82) 4-Chlorotoluene	12.855	91	75974	9.655	ug/l	95
83) tert-Butylbenzene	13.075	119	88168	10.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	91343	9.757	ug/l	96
85) sec-Butylbenzene	13.252	105	127206	9.838	ug/l	99
86) p-Isopropyltoluene	13.367	119	104986	9.870	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	53456	9.941	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	51720	9.867	ug/l	98
89) n-Butylbenzene	13.697	91	93838	9.748	ug/l	99
90) Hexachloroethane	13.959	117	19971	9.570	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	46298	10.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2671	10.146	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	23554	9.065	ug/l	97
94) Hexachlorobutadiene	15.111	225	13299	9.277	ug/l	93
95) Naphthalene	15.233	128	42846	8.999	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	19216	9.012	ug/l	96

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Instrument :
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ClientSampleId :
VSTDICC010

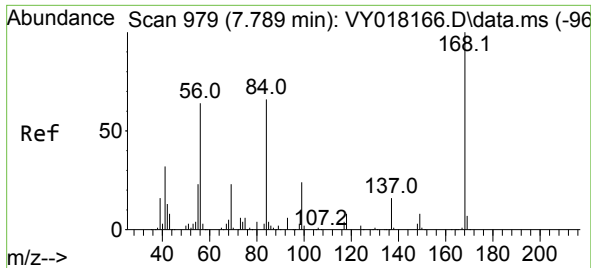
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 00:59:30 2024
Response via : Initial Calibration

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

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

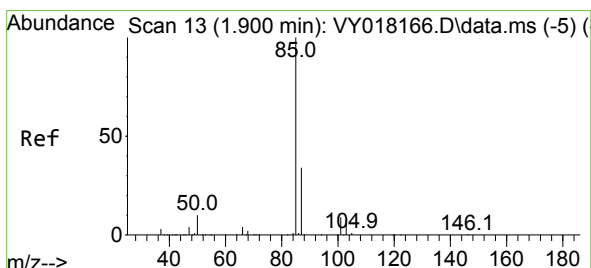
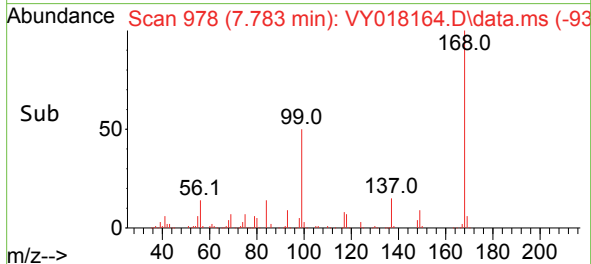
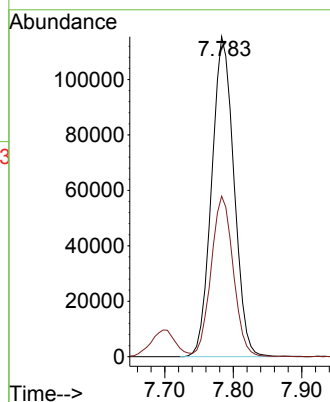
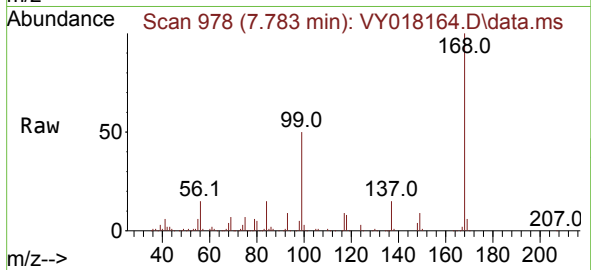
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

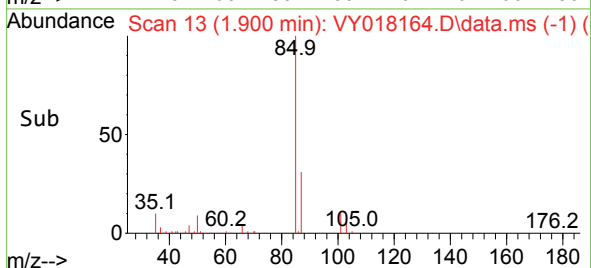
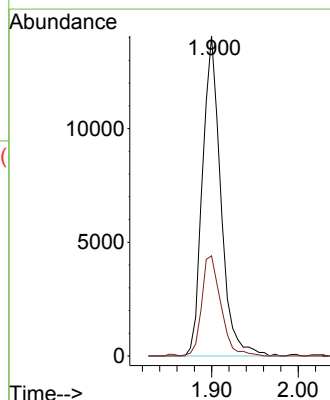
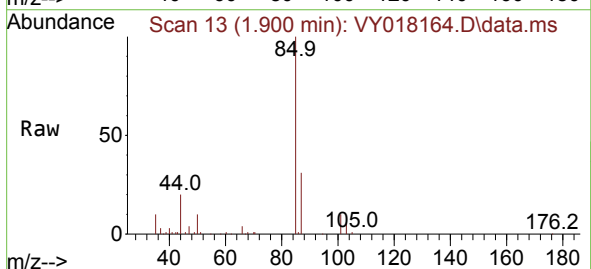
Instrument :
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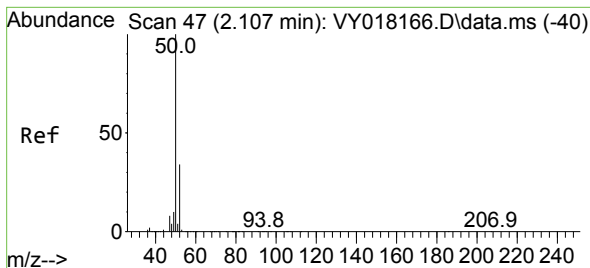
Tgt Ion:168 Resp: 260612
Ion Ratio Lower Upper
168 100
99 50.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 10.007 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 85 Resp: 20683
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0





#3

Chloromethane

Concen: 9.689 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

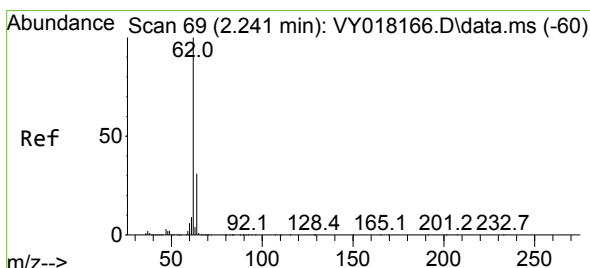
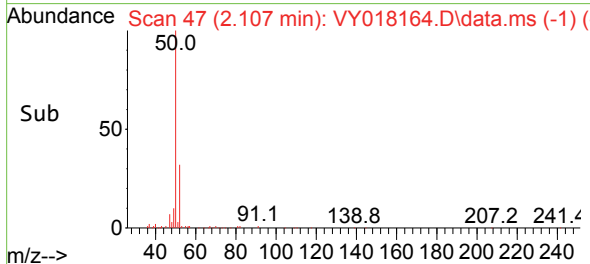
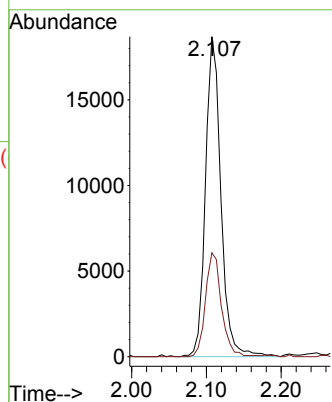
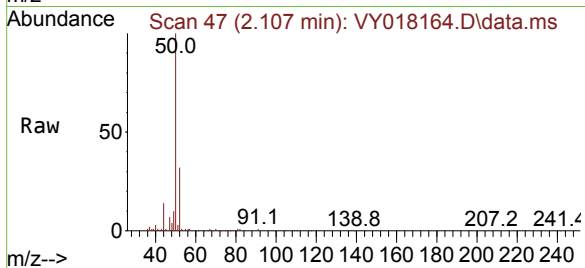
VSTDIC010

Tgt Ion: 50 Resp: 26806

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 9.490 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018164.D

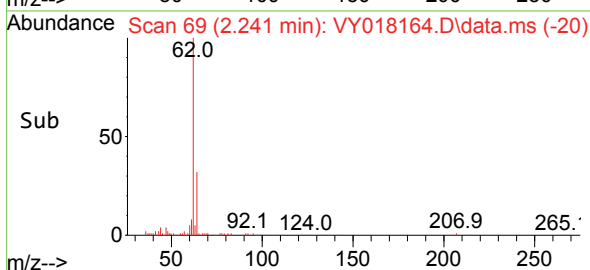
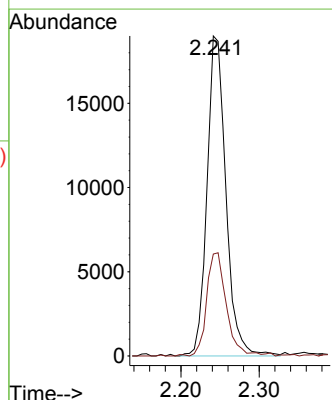
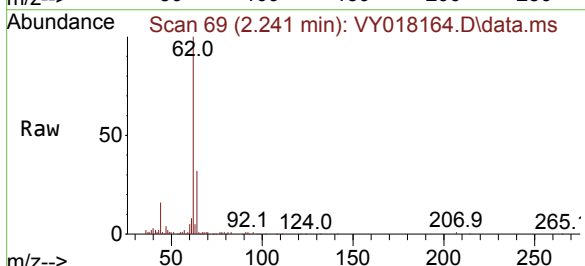
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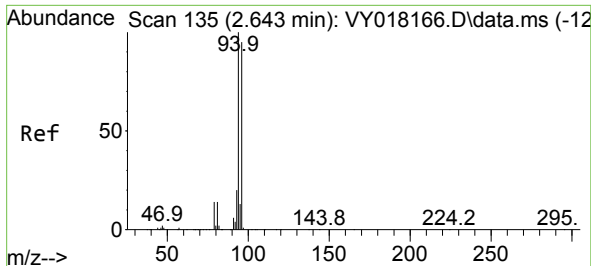
Tgt Ion: 62 Resp: 31826

Ion Ratio Lower Upper

62 100

64 31.5 26.1 39.1

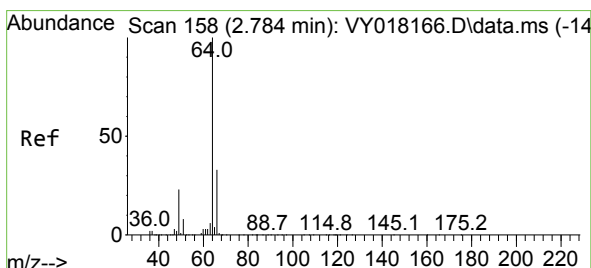
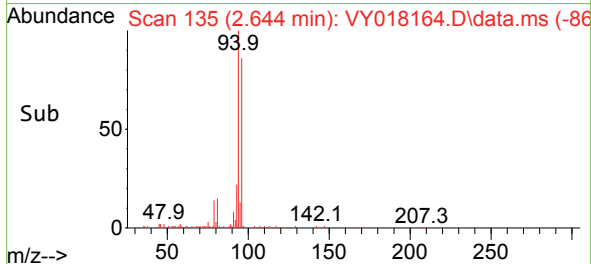
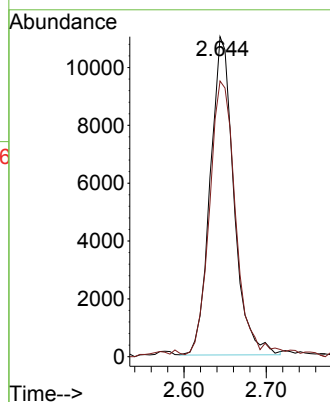
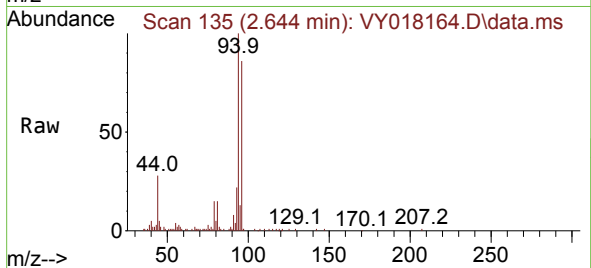




#5
Bromomethane
Concen: 9.451 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

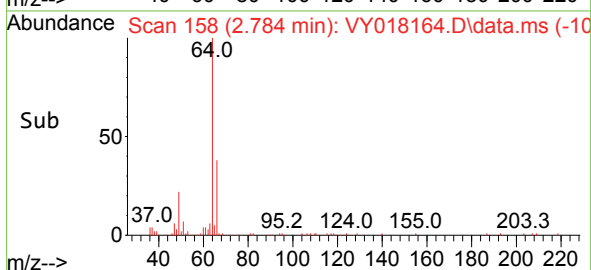
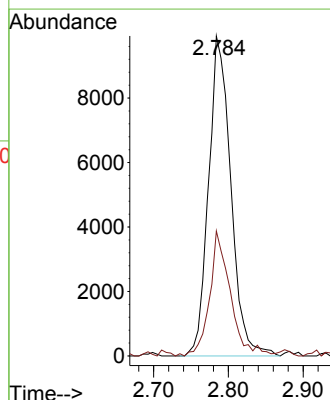
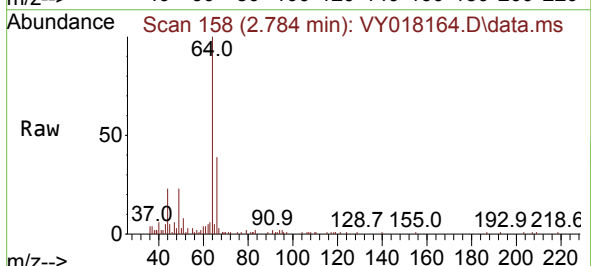
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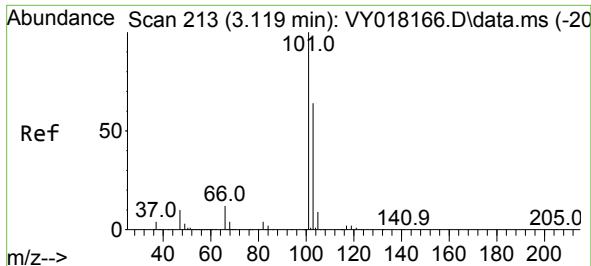
Tgt Ion: 94 Resp: 22013
Ion Ratio Lower Upper
94 100
96 85.6 74.1 111.1



#6
Chloroethane
Concen: 9.669 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 64 Resp: 20579
Ion Ratio Lower Upper
64 100
66 38.4 26.1 39.1

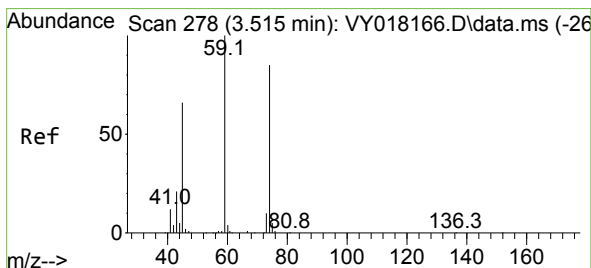
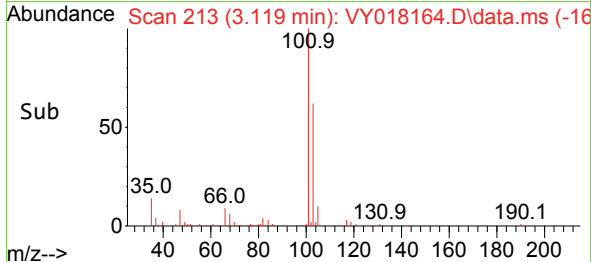
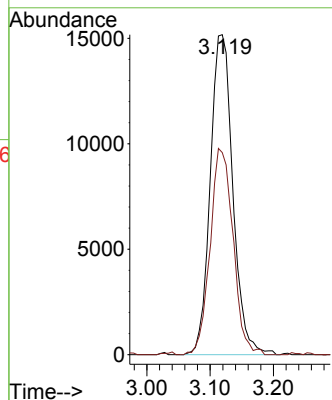
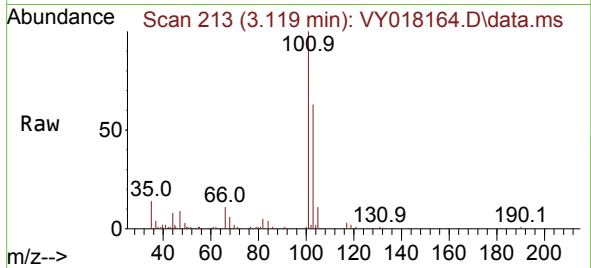




#7
 Trichlorofluoromethane
 Concen: 9.571 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018164.D
 Acq: 07 May 2024 09:53

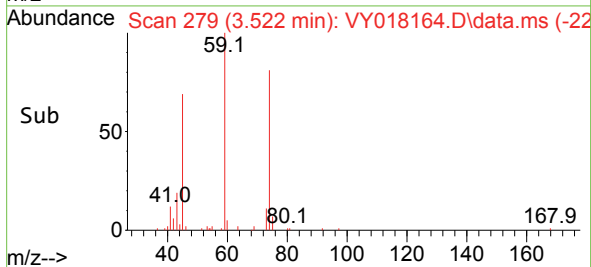
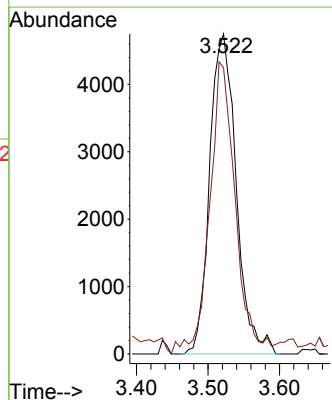
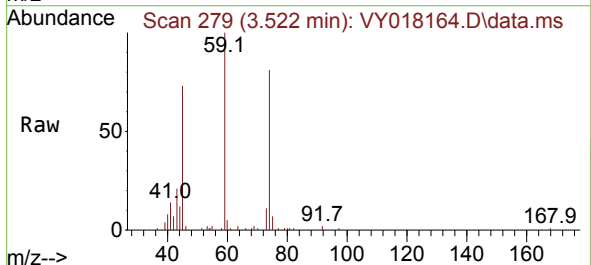
Instrument :
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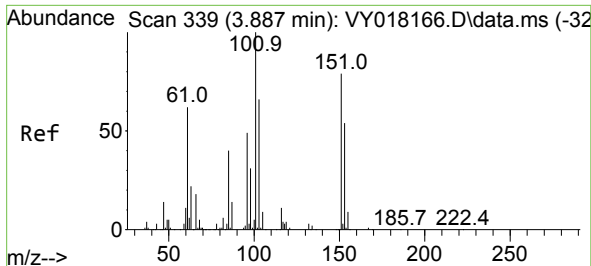
Tgt Ion:101 Resp: 37598
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 9.464 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018164.D
 Acq: 07 May 2024 09:53

Tgt Ion: 74 Resp: 12239
 Ion Ratio Lower Upper
 74 100
 45 87.2 41.3 124.1

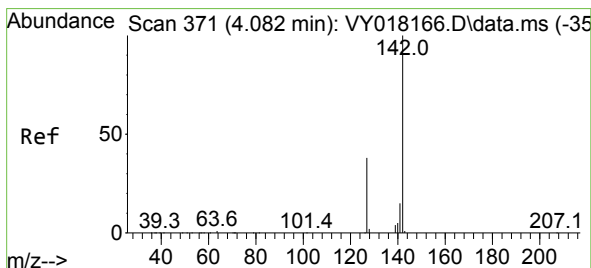
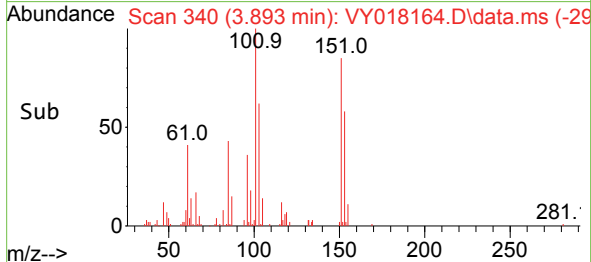
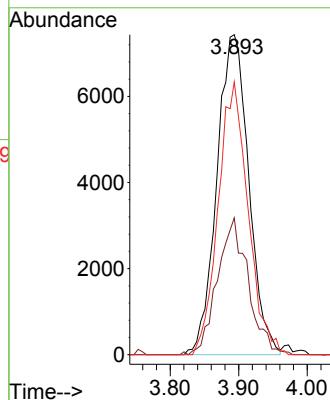
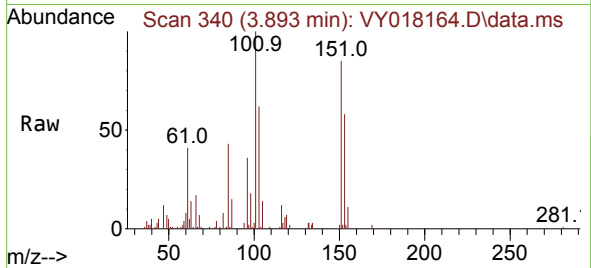




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.607 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

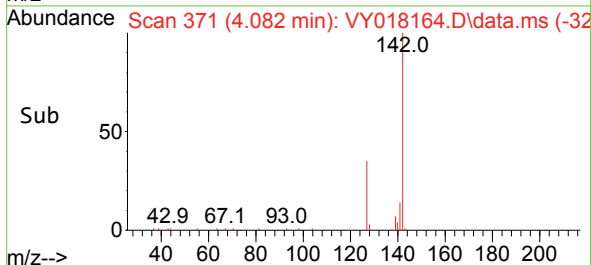
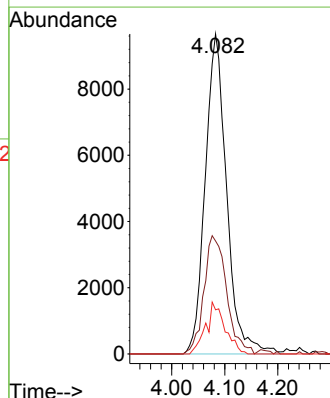
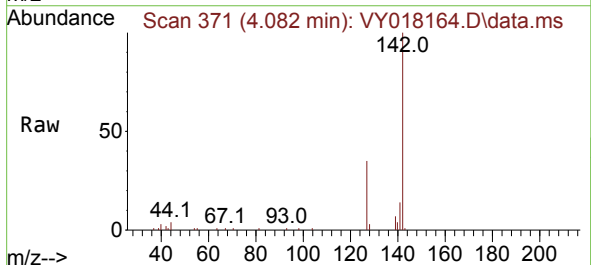
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

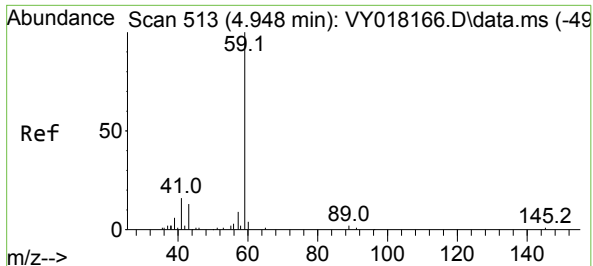
Tgt Ion:101 Resp: 24053
Ion Ratio Lower Upper
101 100
85 41.3 34.5 51.7
151 79.8 61.7 92.5



#10
Methyl Iodide
Concen: 9.277 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion:142 Resp: 27123
Ion Ratio Lower Upper
142 100
127 39.2 32.8 49.2
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 47.505 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

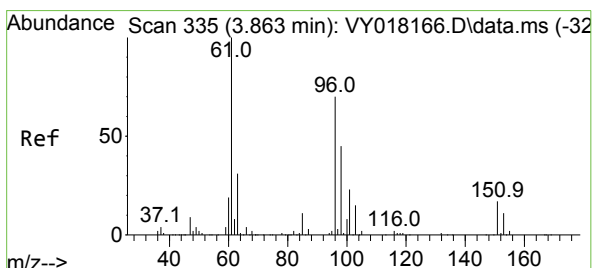
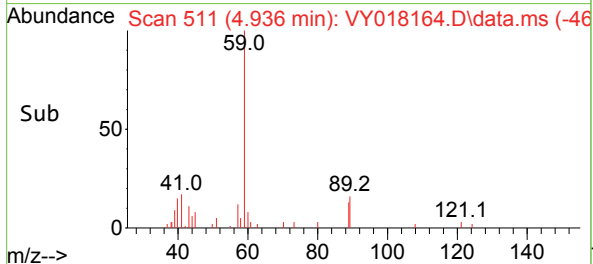
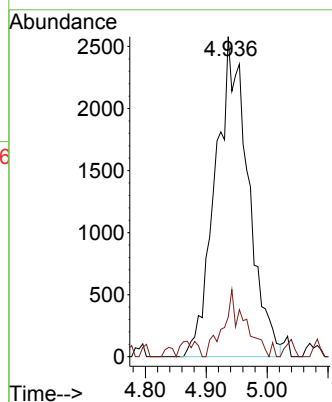
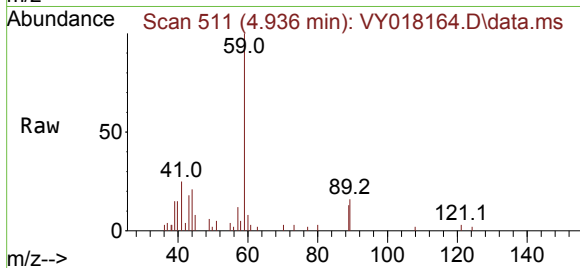
VSTDIC010

Tgt Ion: 59 Resp: 9621

Ion Ratio Lower Upper

59 100

57 13.8 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 9.620 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

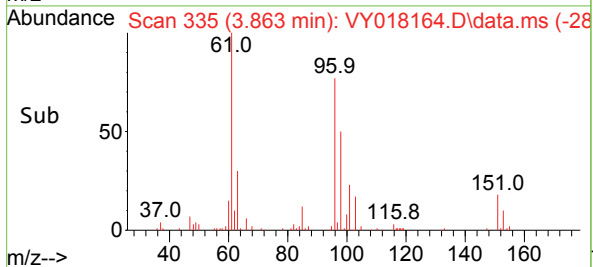
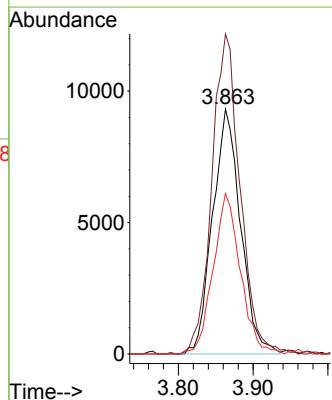
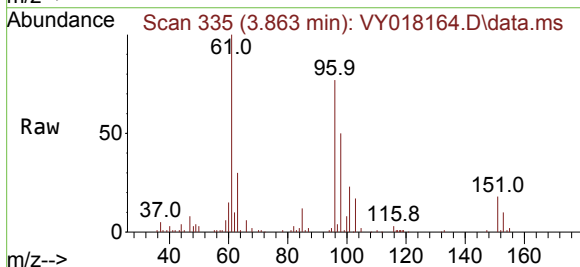
Tgt Ion: 96 Resp: 24245

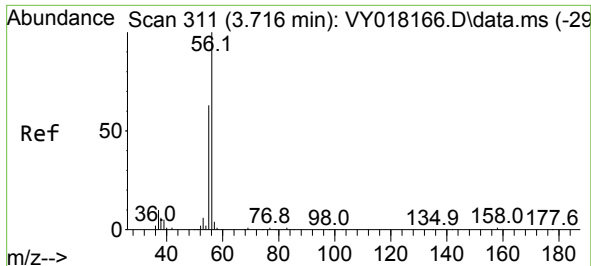
Ion Ratio Lower Upper

96 100

61 130.7 114.6 171.8

98 65.5 50.8 76.2

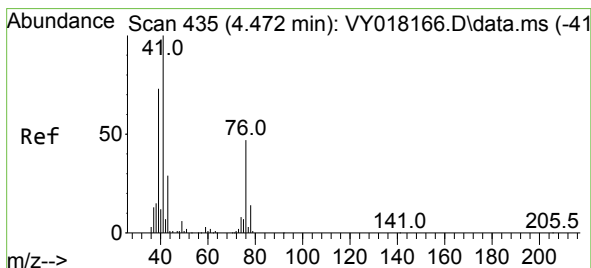
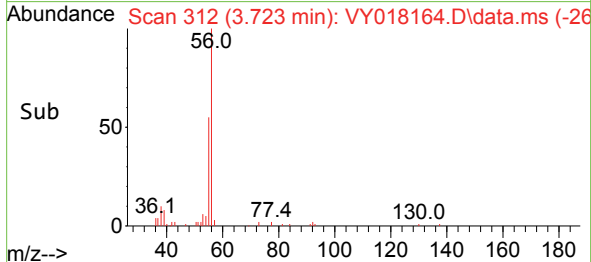
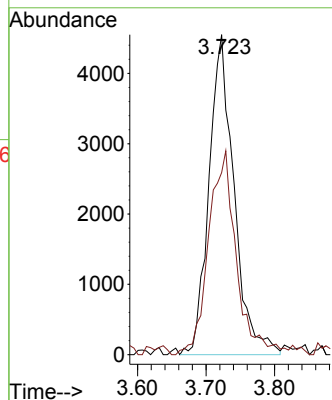
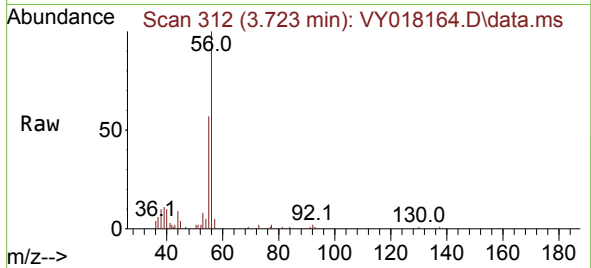




#13
Acrolein
Concen: 58.213 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

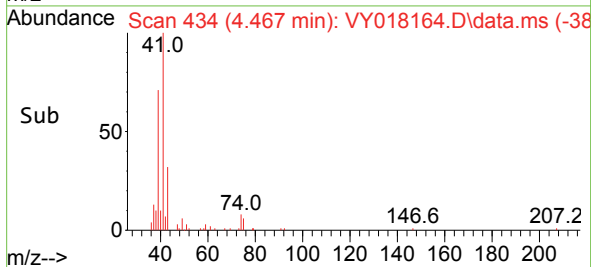
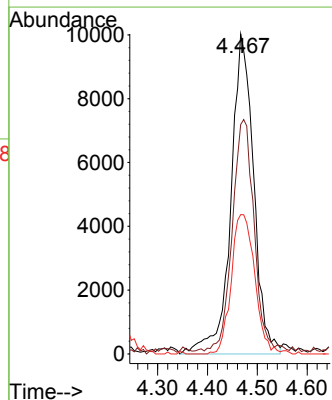
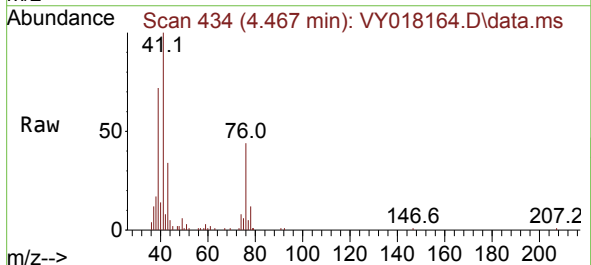
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

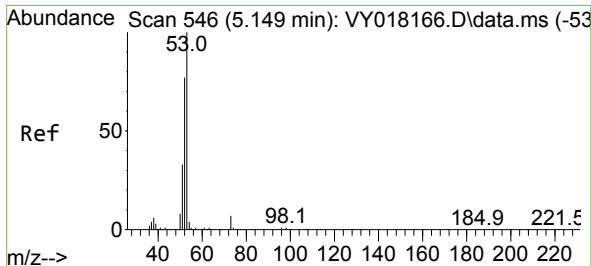
Tgt Ion: 56 Resp: 11559
Ion Ratio Lower Upper
56 100
55 70.5 55.7 83.5



#14
Allyl chloride
Concen: 9.918 ug/l
RT: 4.467 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 41 Resp: 31799
Ion Ratio Lower Upper
41 100
39 68.6 58.3 87.5
76 44.8 39.0 58.6

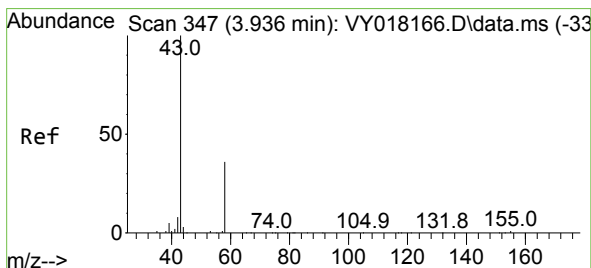
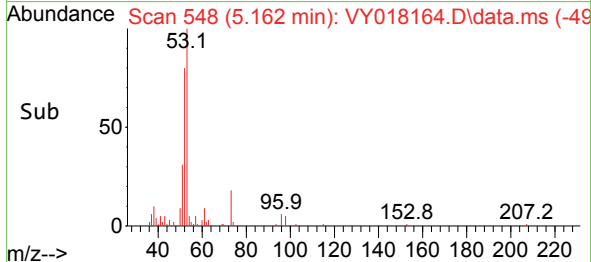
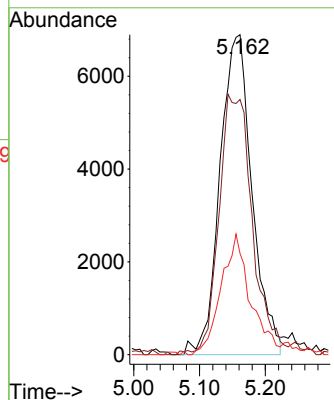
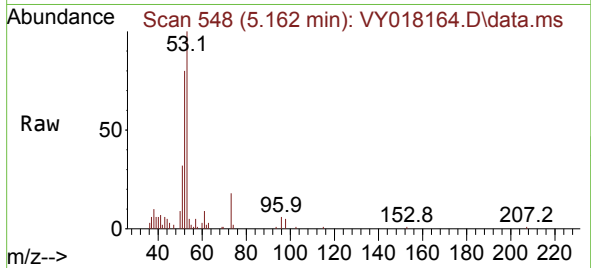




#15
Acrylonitrile
Concen: 46.982 ug/l
RT: 5.162 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

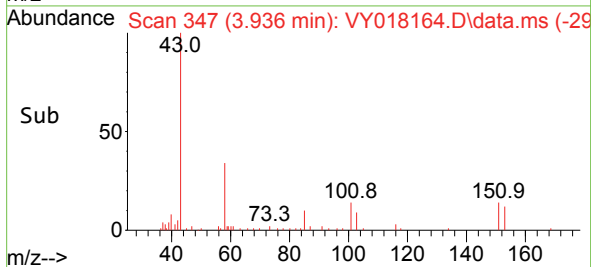
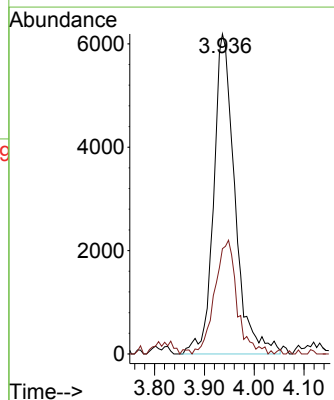
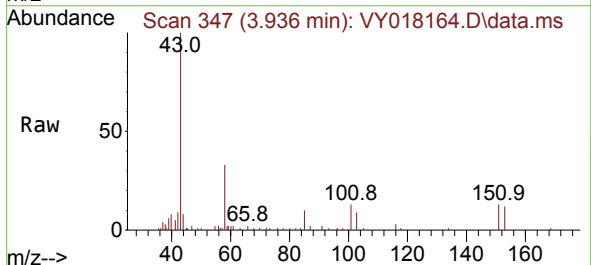
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

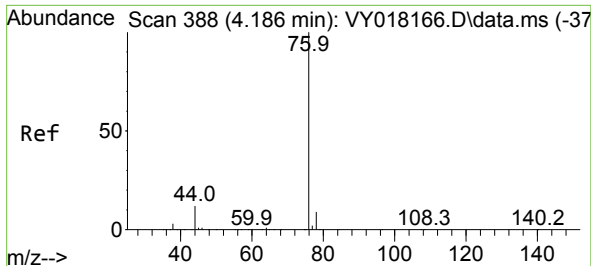
Tgt Ion: 53 Resp: 23365
Ion Ratio Lower Upper
53 100
52 84.5 64.7 97.1
51 34.5 28.4 42.6



#16
Acetone
Concen: 47.843 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 43 Resp: 18305
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5

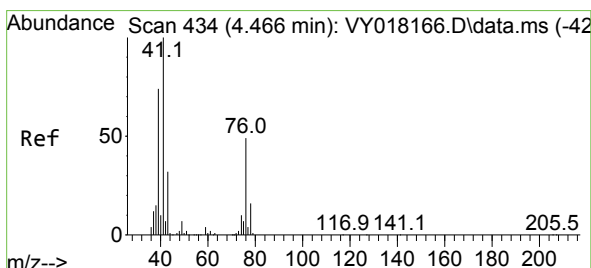
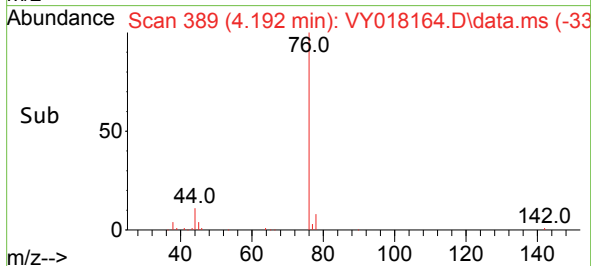
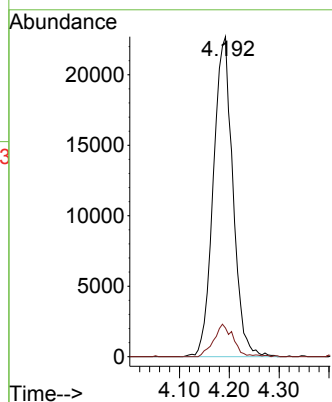
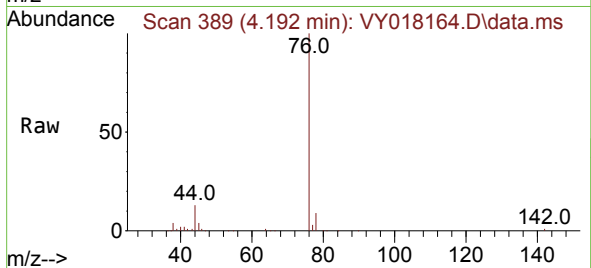




#17
Carbon Disulfide
Concen: 8.994 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

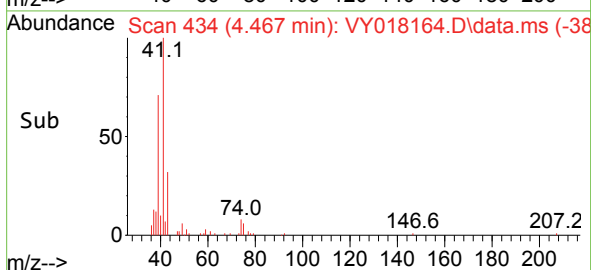
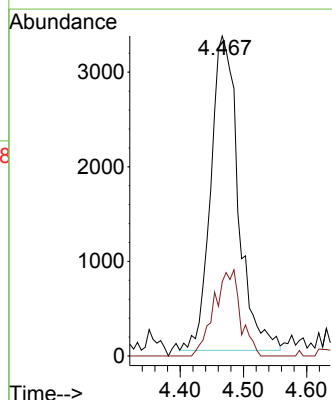
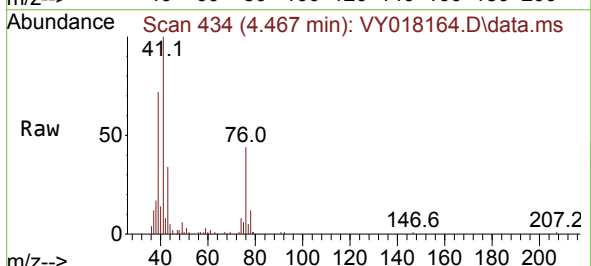
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

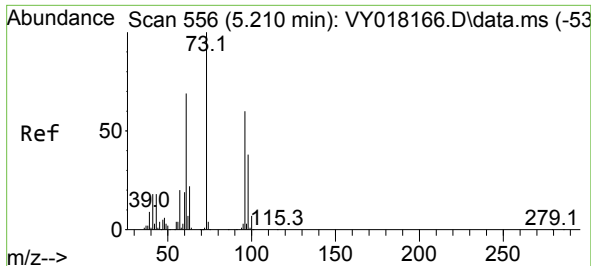
Tgt Ion: 76 Resp: 61711
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 9.235 ug/l
RT: 4.467 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 43 Resp: 10065
Ion Ratio Lower Upper
43 100
74 26.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 9.997 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

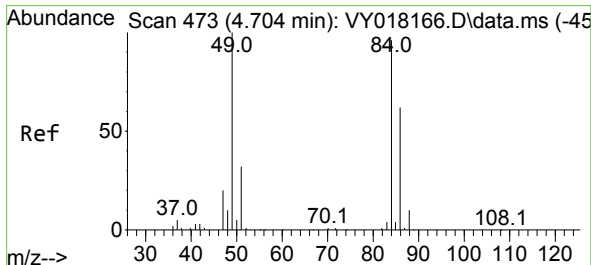
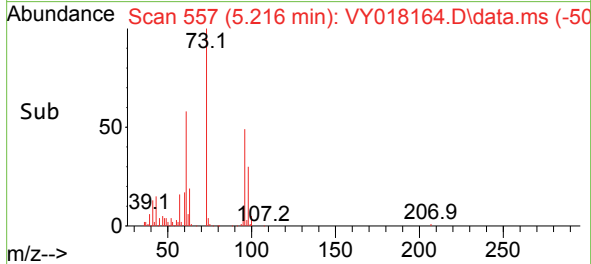
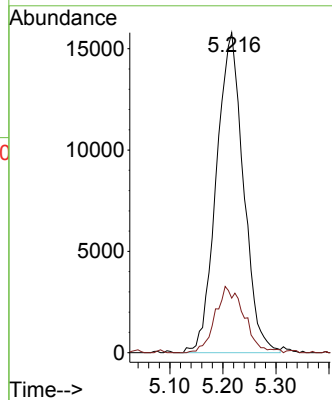
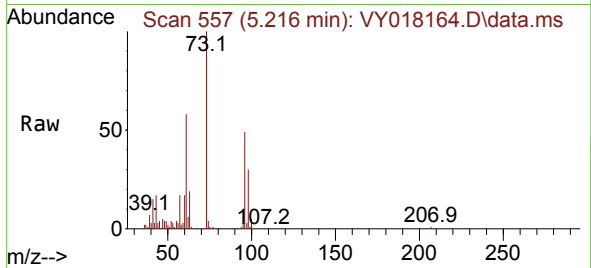
VSTDIC010

Tgt Ion: 73 Resp: 56124

Ion Ratio Lower Upper

73 100

57 17.1 17.3 25.9#



#20

Methylene Chloride

Concen: 10.207 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Tgt Ion: 84 Resp: 27602

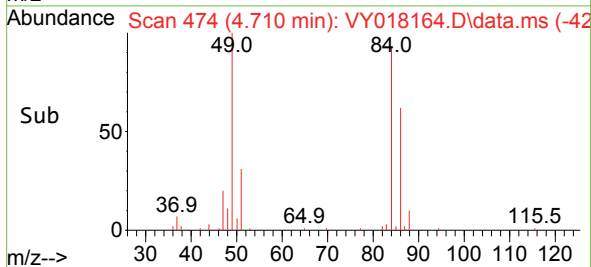
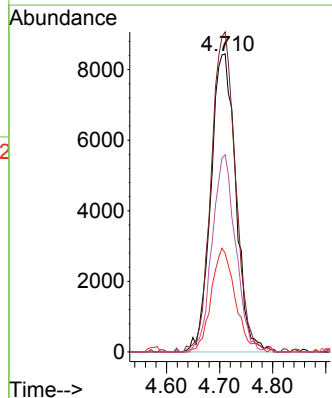
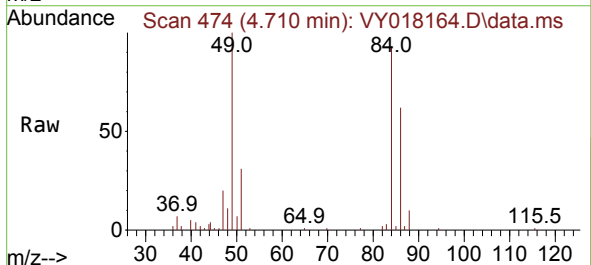
Ion Ratio Lower Upper

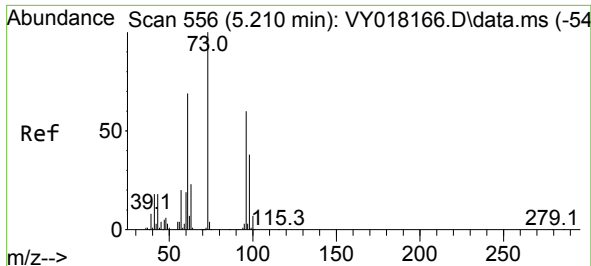
84 100

49 107.4 84.4 126.6

51 33.1 26.0 39.0

86 66.1 49.5 74.3

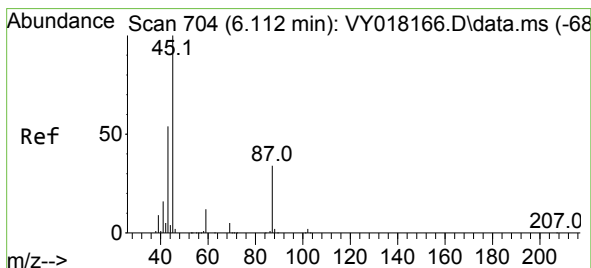
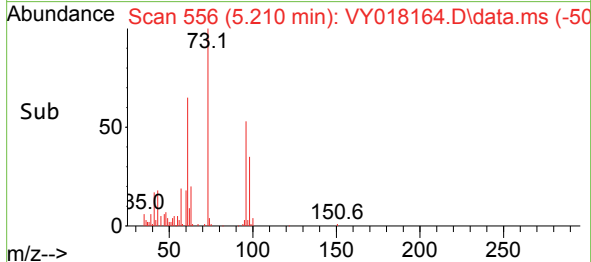
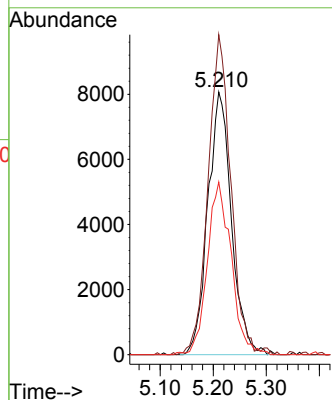
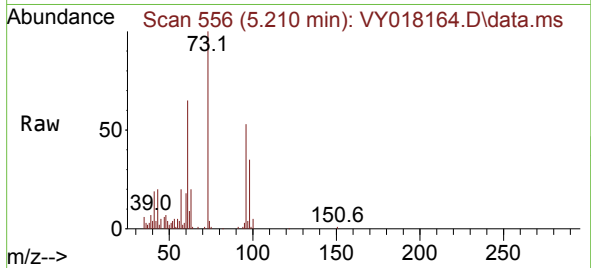




#21
trans-1,2-Dichloroethene
Concen: 9.360 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

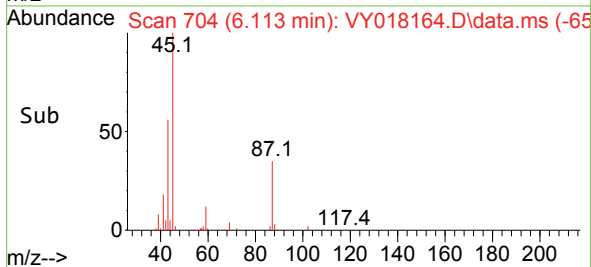
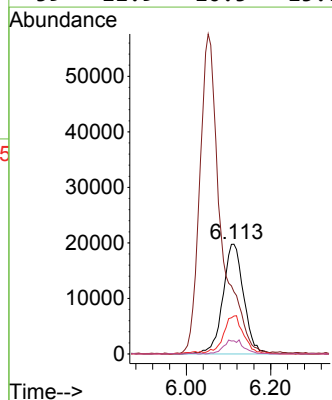
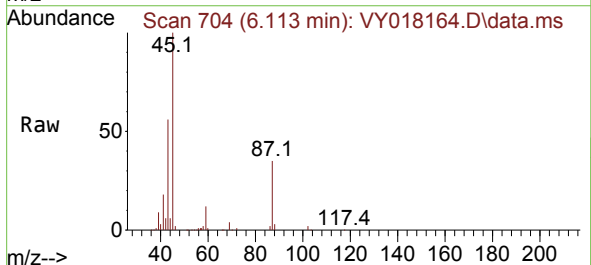
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

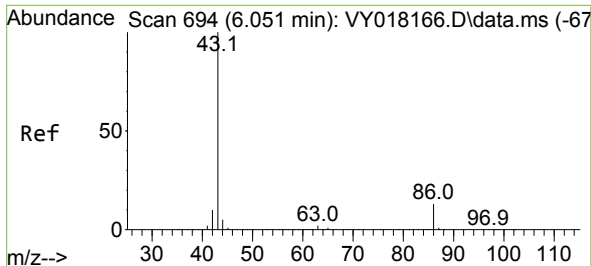
Tgt Ion:	96	Resp:	25007
Ion	Ratio	Lower	Upper
96	100		
61	121.8	97.5	146.3
98	65.7	50.5	75.7



#22
Diisopropyl ether
Concen: 9.942 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion:	45	Resp:	67618
Ion	Ratio	Lower	Upper
45	100		
43	55.9	42.2	63.2
87	34.5	25.0	37.6
59	11.9	10.5	15.7

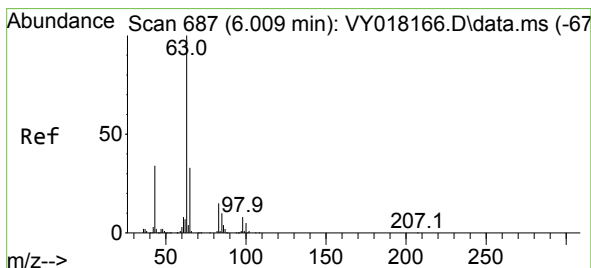
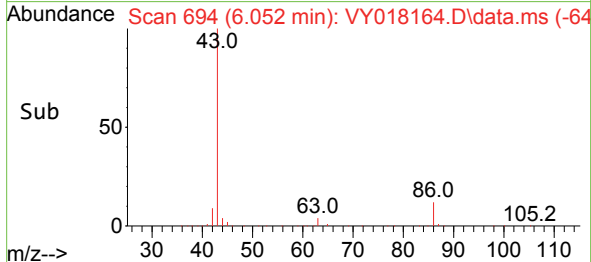
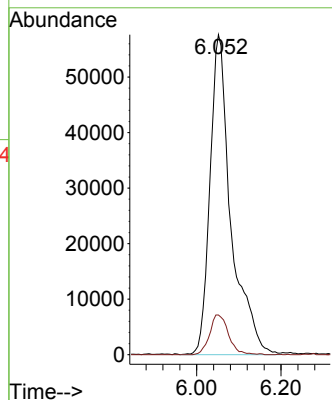
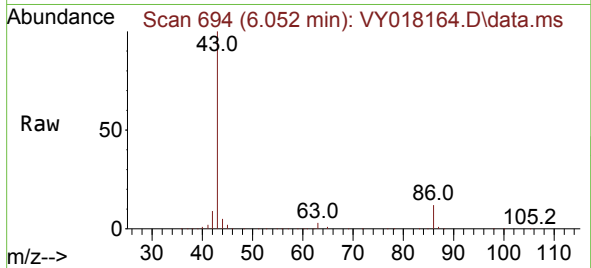




#23
 Vinyl Acetate
 Concen: 48.350 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY018164.D
 Acq: 07 May 2024 09:53

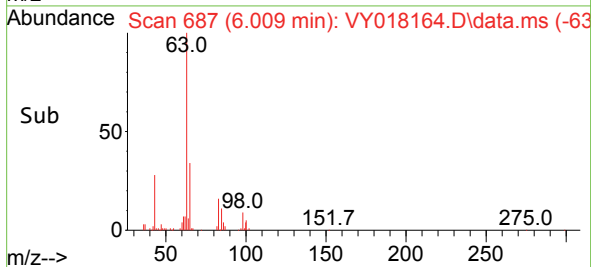
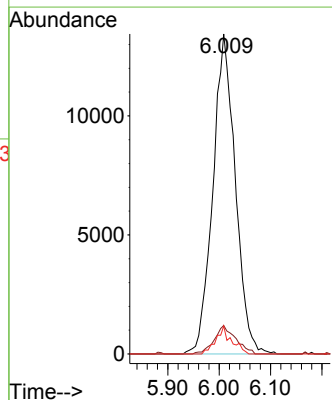
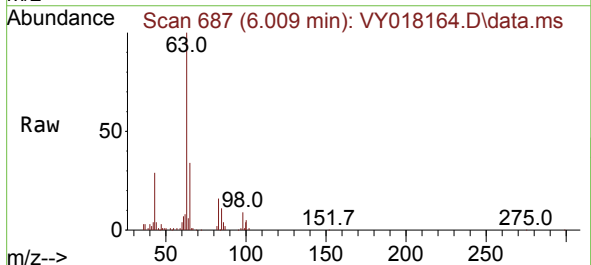
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

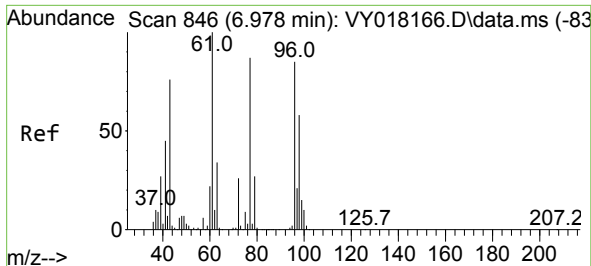
Tgt Ion: 43 Resp: 199878
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 9.739 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018164.D
 Acq: 07 May 2024 09:53

Tgt Ion: 63 Resp: 40800
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 12.2
 100 8.8 2.6 8.0#

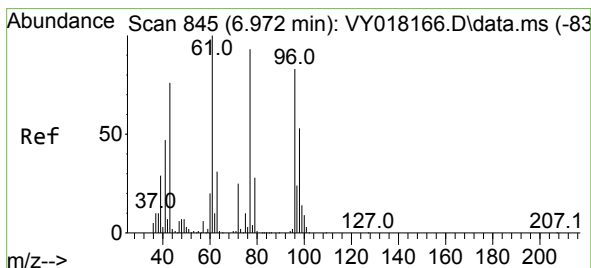
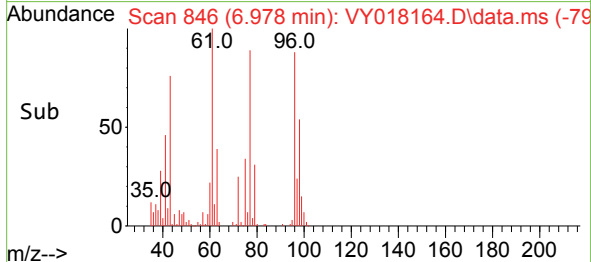
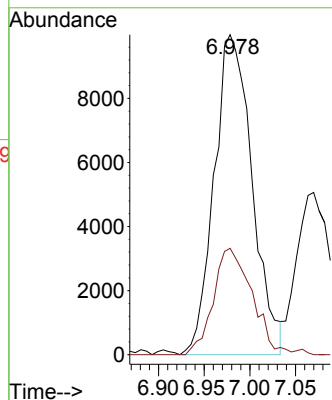
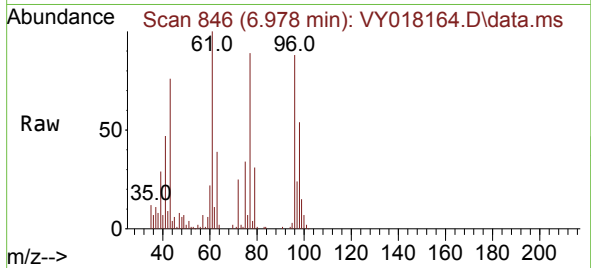




#25
2-Butanone
Concen: 47.233 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

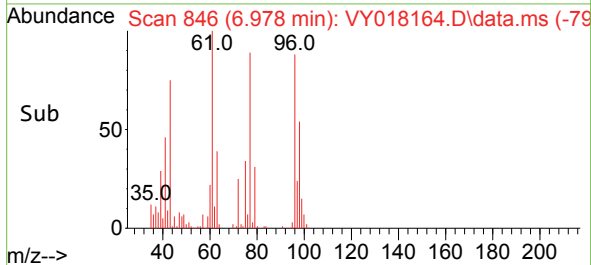
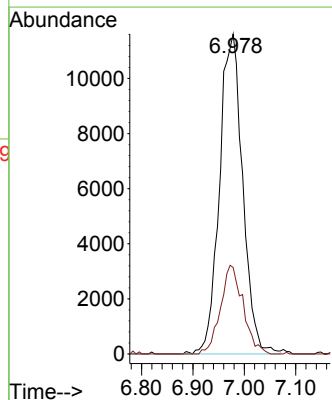
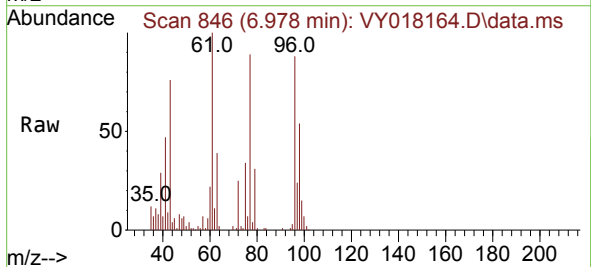
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

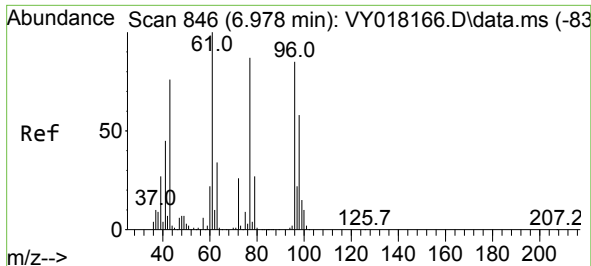
Tgt Ion: 43 Resp: 28887
Ion Ratio Lower Upper
43 100
72 33.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 9.603 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 77 Resp: 36410
Ion Ratio Lower Upper
77 100
97 27.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 9.634 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

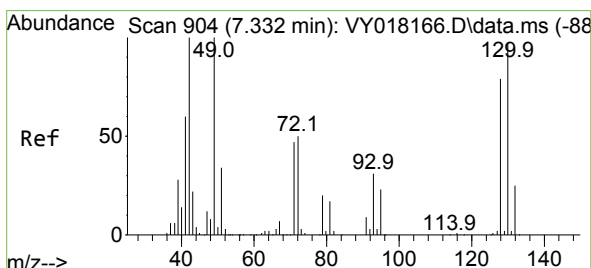
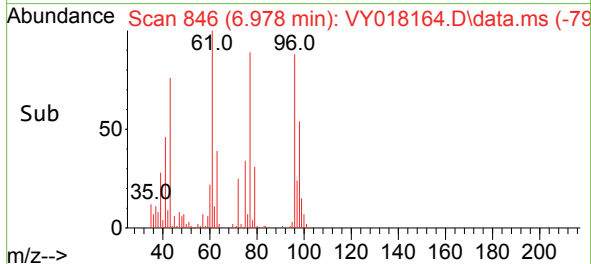
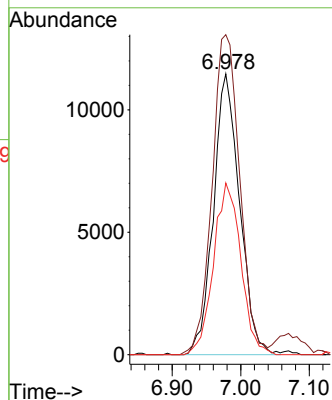
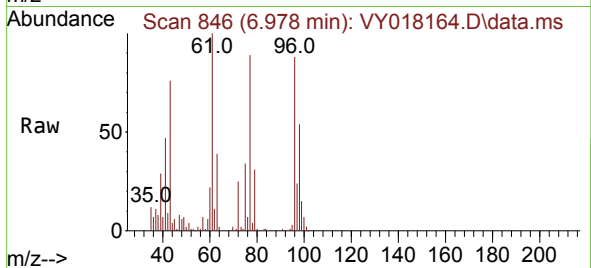
Tgt Ion: 96 Resp: 30418

Ion Ratio Lower Upper

96 100

61 120.6 0.0 256.2

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 10.559 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

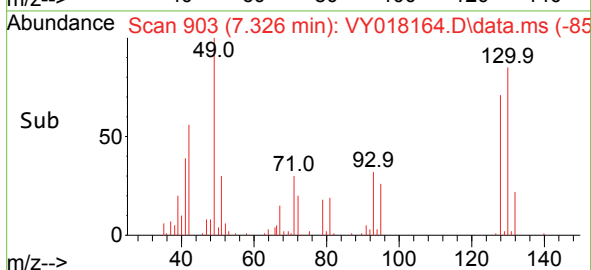
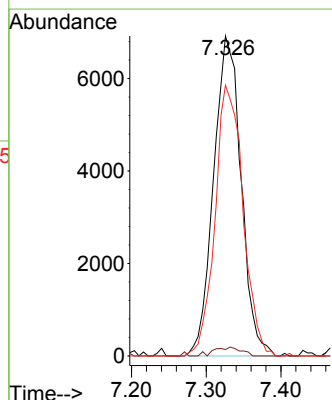
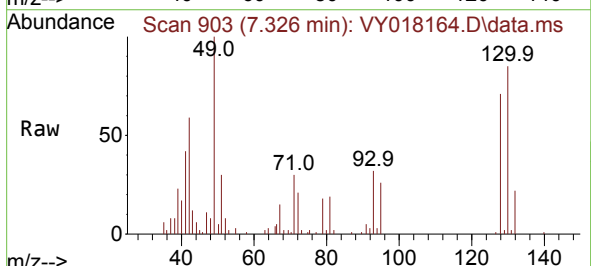
Tgt Ion: 49 Resp: 17680

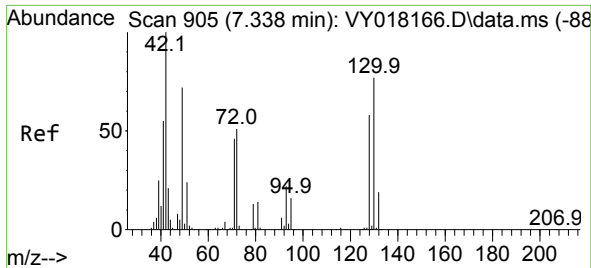
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 85.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 48.689 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

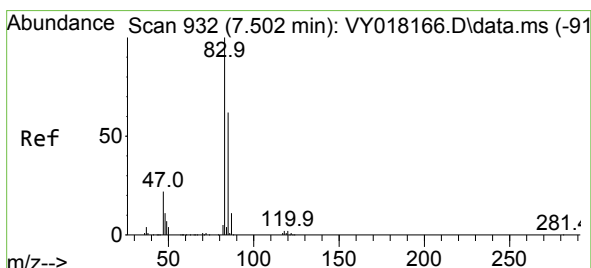
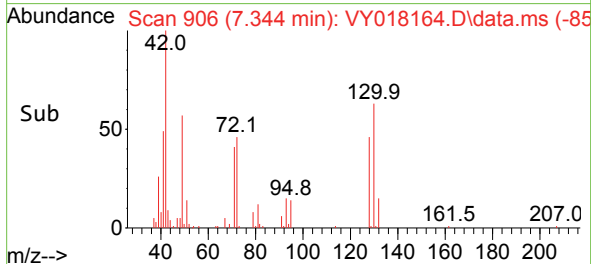
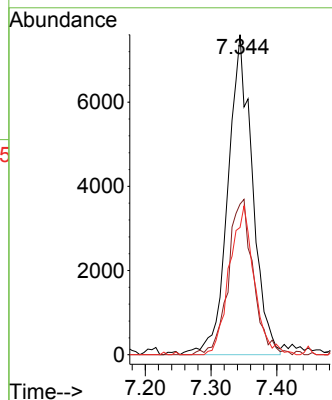
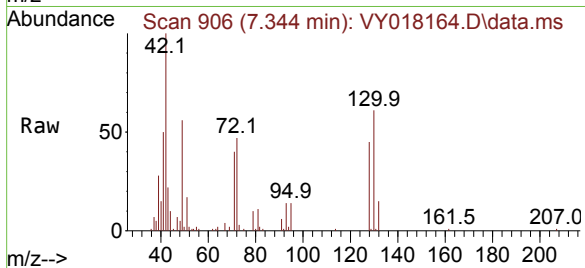
Tgt Ion: 42 Resp: 19656

Ion Ratio Lower Upper

42 100

72 49.6 43.0 64.4

71 46.9 40.8 61.2



#30

Chloroform

Concen: 9.716 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018164.D

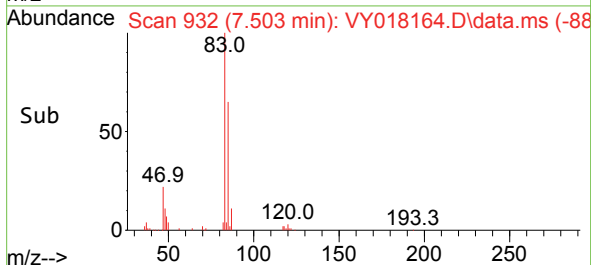
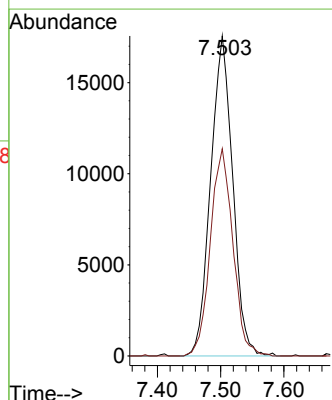
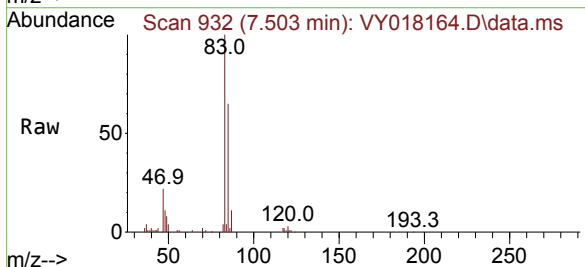
Acq: 07 May 2024 09:53

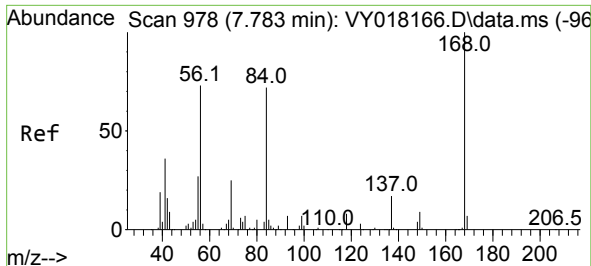
Tgt Ion: 83 Resp: 42491

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.4

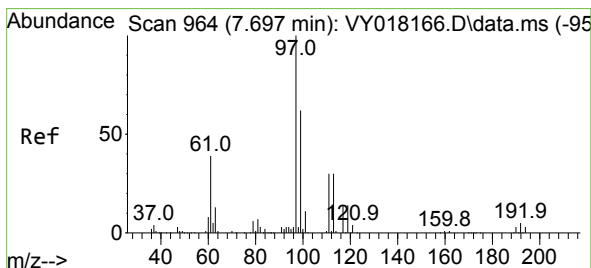
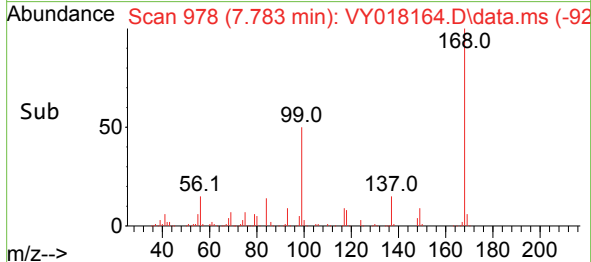
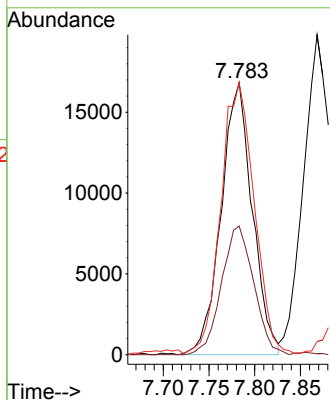
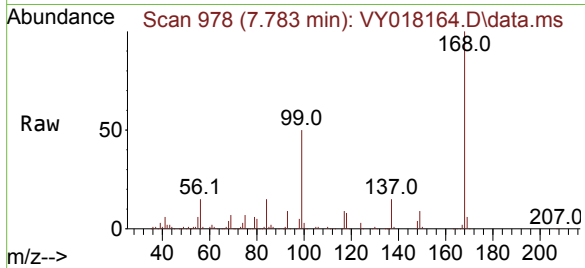




#31
Cyclohexane
Concen: 8.943 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

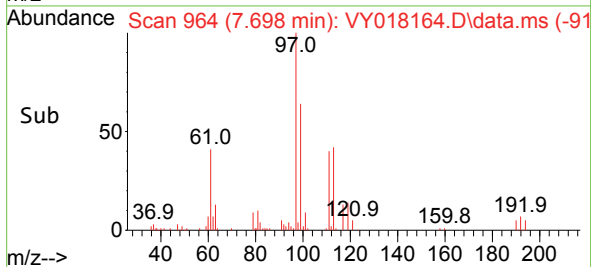
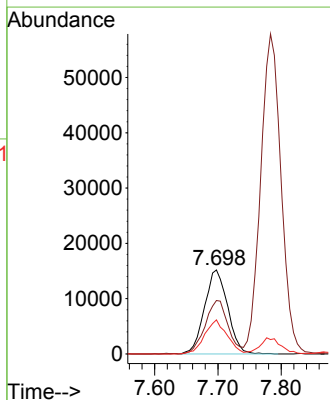
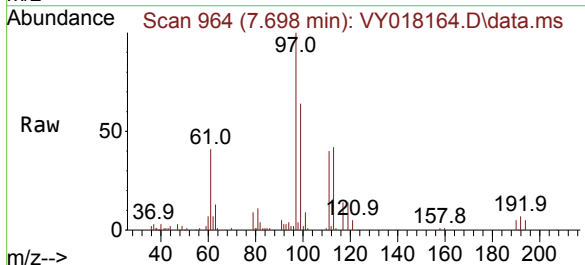
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

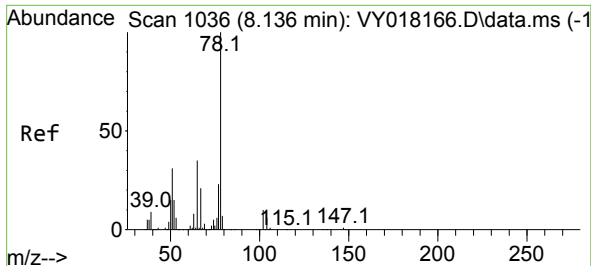
Tgt Ion: 56 Resp: 39958
Ion Ratio Lower Upper
56 100
69 47.3 28.7 43.1#
84 97.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 9.871 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 97 Resp: 38692
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 39.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 10.232 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

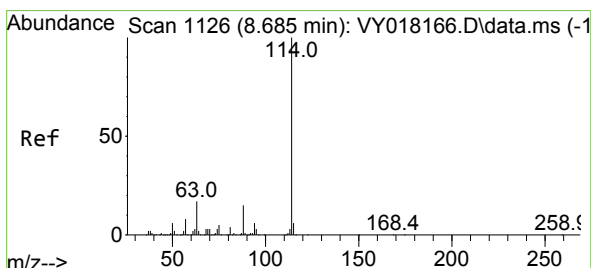
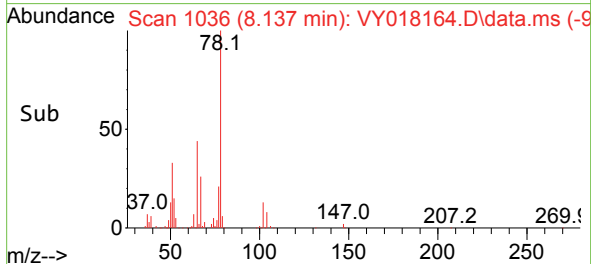
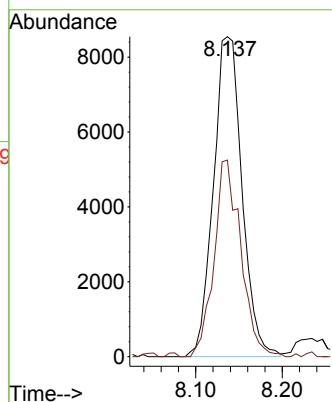
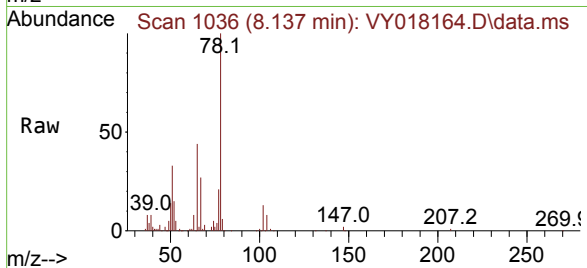
VSTDICC010

Tgt Ion: 65 Resp: 19618

Ion Ratio Lower Upper

65 100

67 57.4 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: VY018164.D

Acq: 07 May 2024 09:53

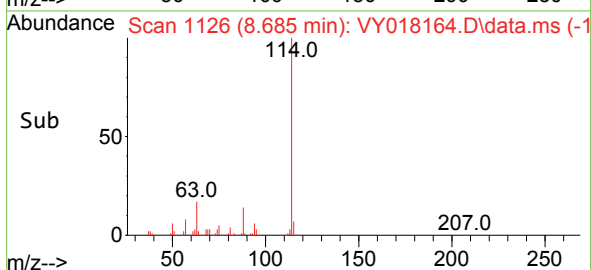
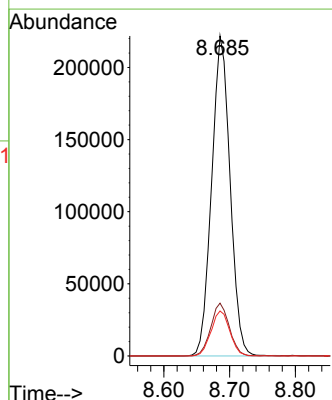
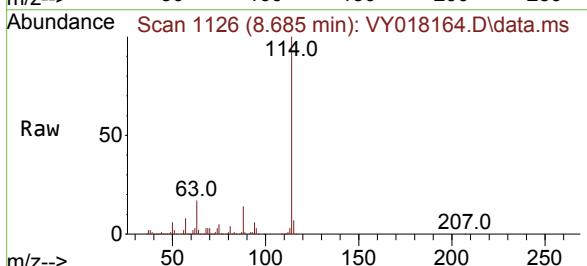
Tgt Ion: 114 Resp: 432616

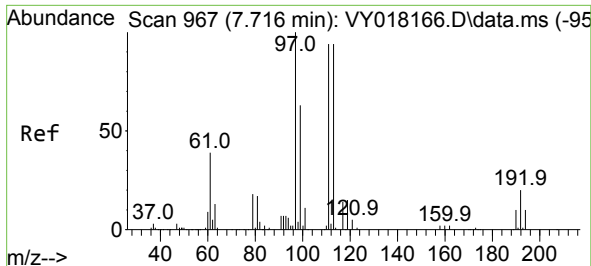
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.0 0.0 27.2

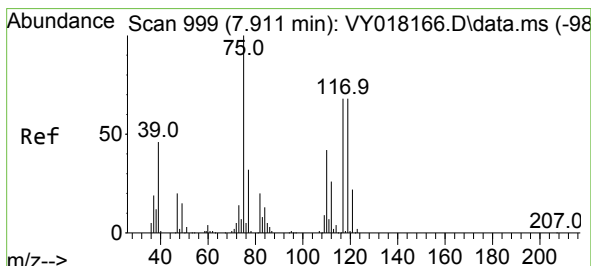
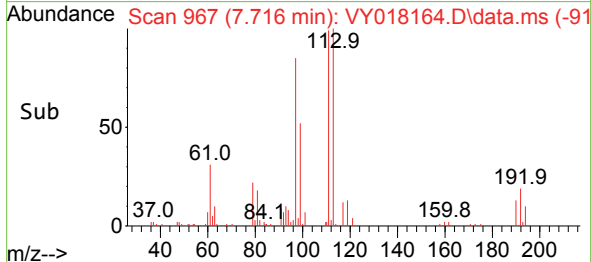
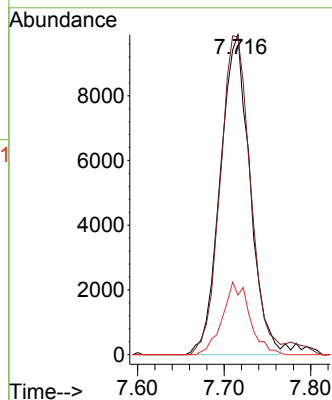
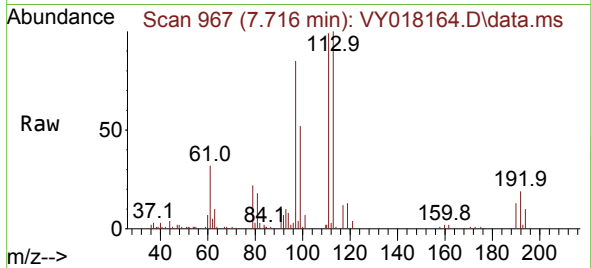




#35
Dibromofluoromethane
Concen: 10.337 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

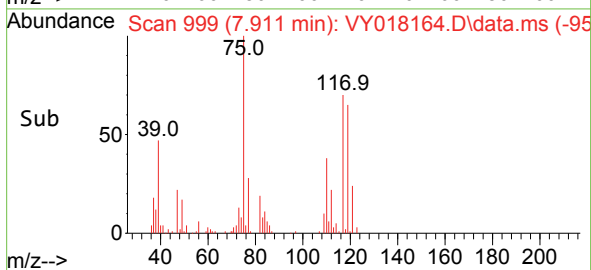
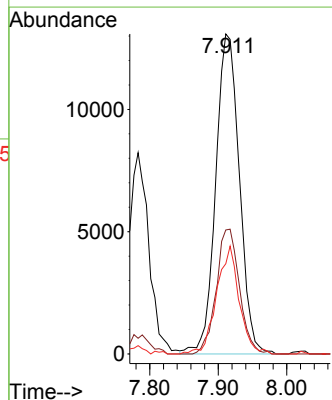
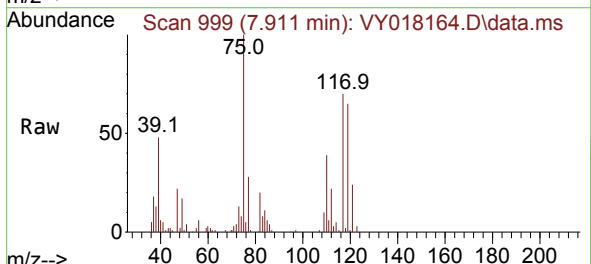
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

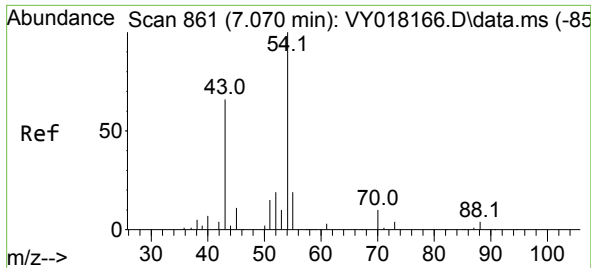
Tgt Ion:113 Resp: 23503
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 9.627 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 75 Resp: 31379
Ion Ratio Lower Upper
75 100
110 38.1 19.0 57.0
77 32.2 25.3 37.9

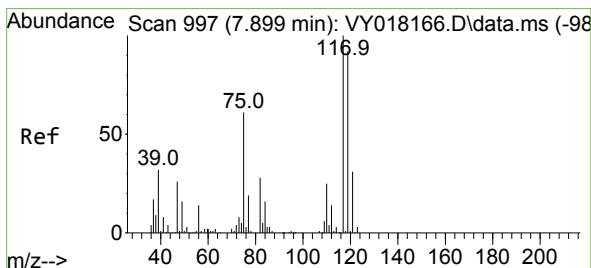
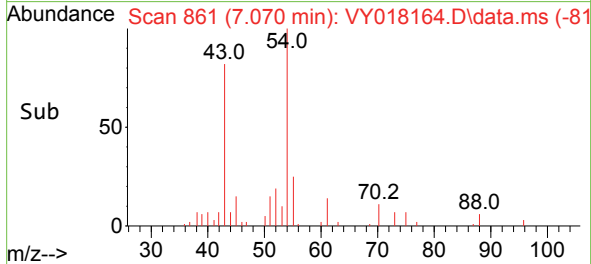
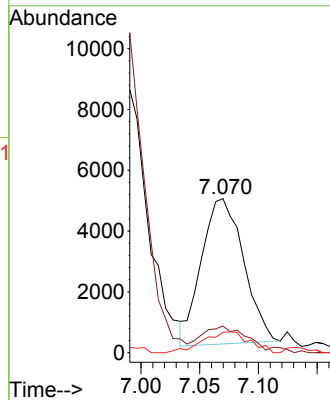
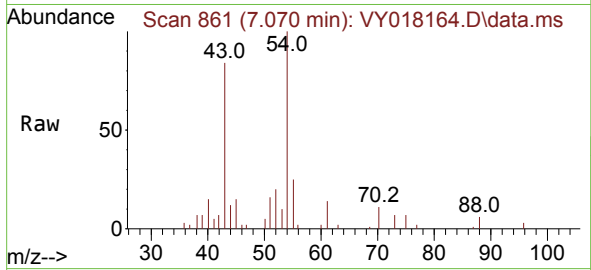




#37
Ethyl Acetate
Concen: 8.700 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

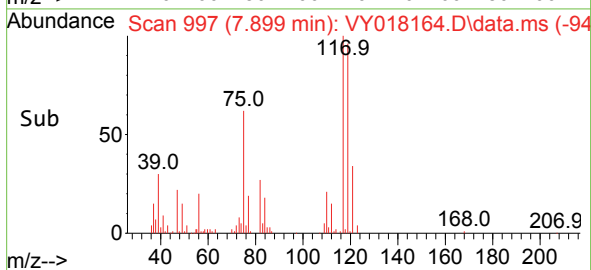
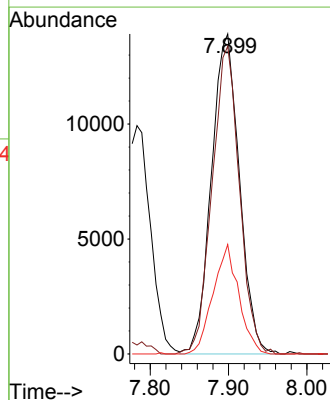
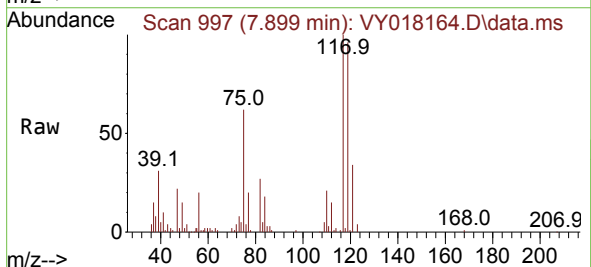
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

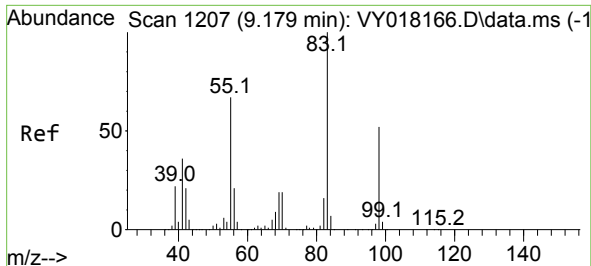
Tgt Ion: 43 Resp: 11935
Ion Ratio Lower Upper
43 100
61 20.7 12.6 19.0#
70 15.8 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 9.720 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 117 Resp: 34616
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 34.2 24.0 36.0





#39

Methylcyclohexane

Concen: 9.424 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

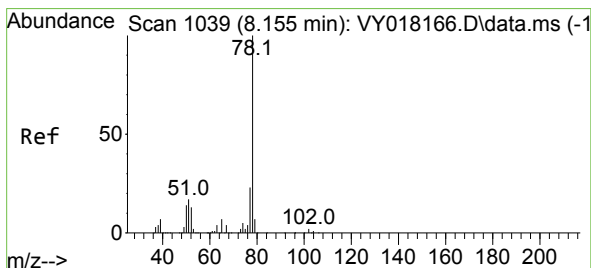
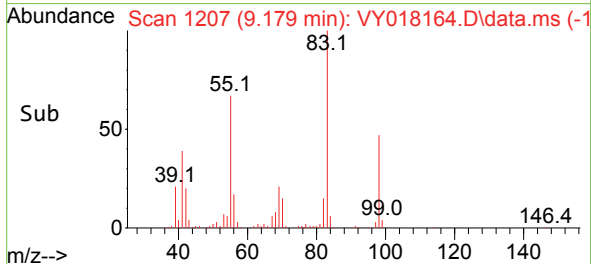
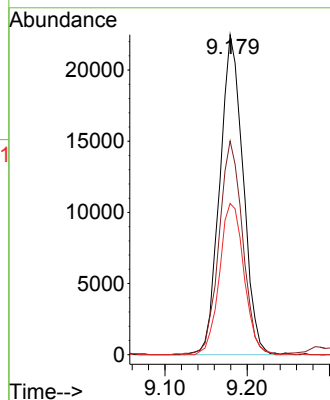
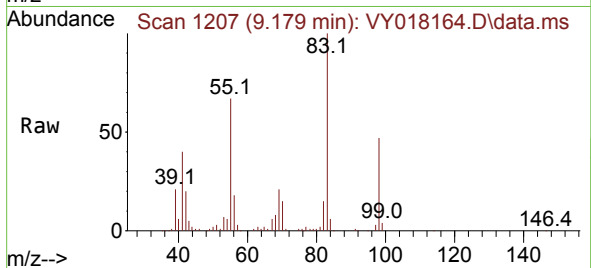
Tgt Ion: 83 Resp: 44313

Ion Ratio Lower Upper

83 100

55 66.8 51.5 77.3

98 47.3 40.5 60.7



#40

Benzene

Concen: 9.674 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018164.D

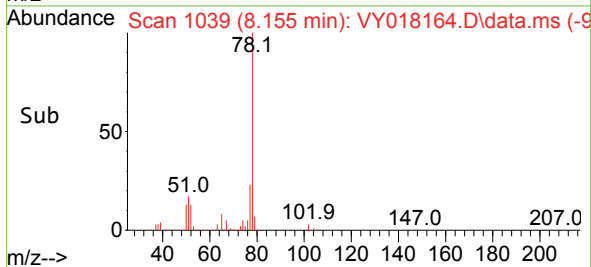
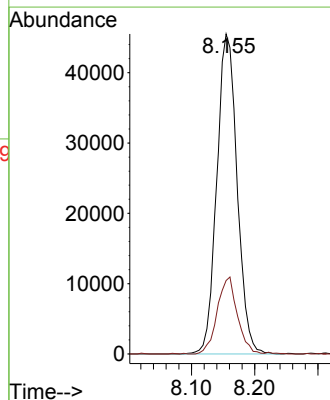
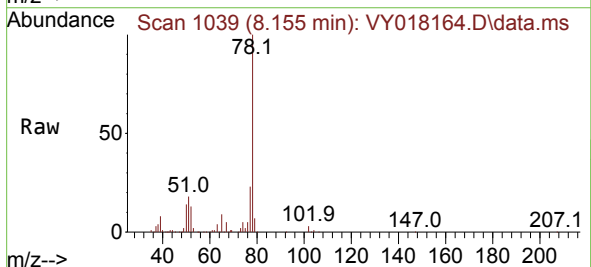
Acq: 07 May 2024 09:53

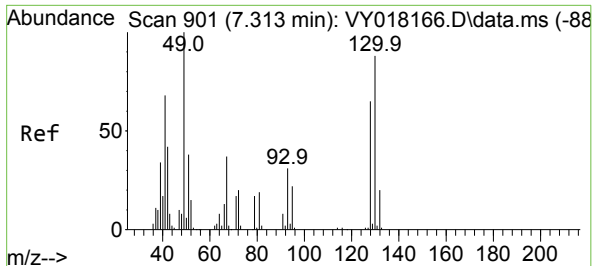
Tgt Ion: 78 Resp: 101426

Ion Ratio Lower Upper

78 100

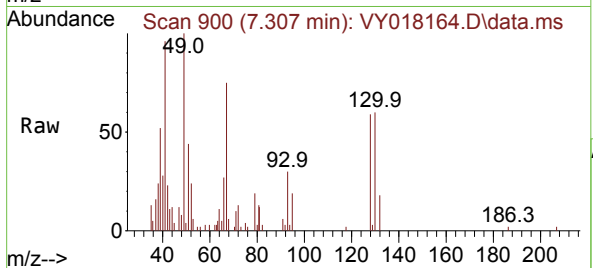
77 23.0 19.5 29.3



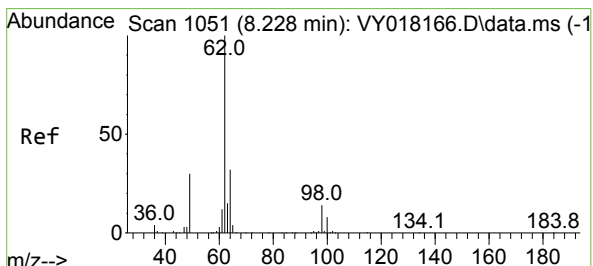
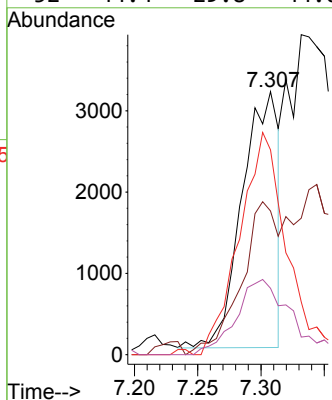
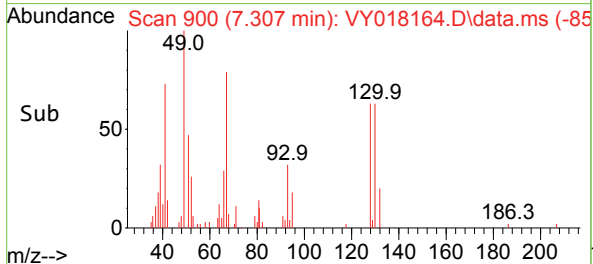


#41
Methacrylonitrile
Concen: 7.986 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

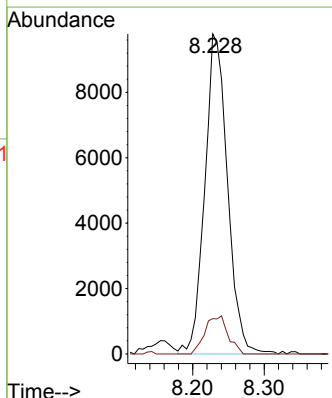
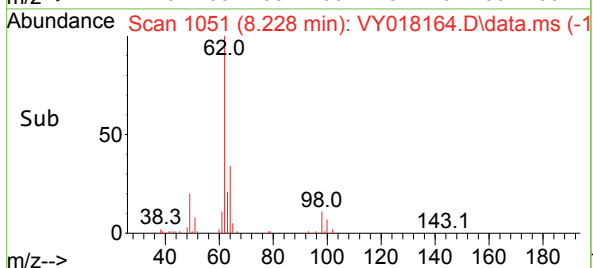
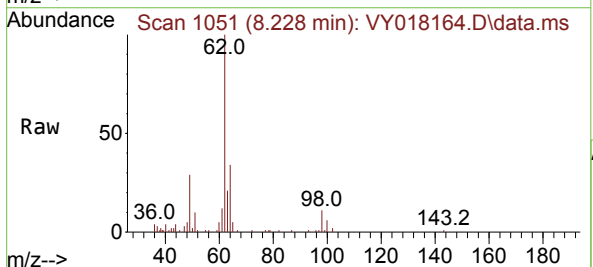


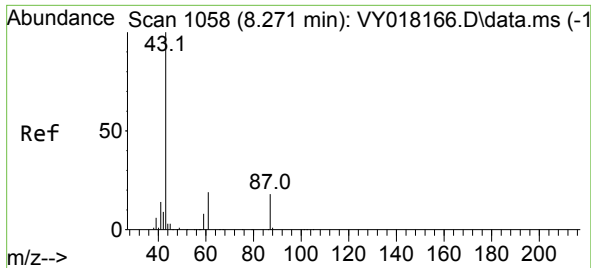
Tgt Ion:	41	Resp:	6326
Ion	Ratio	Lower	Upper
41	100		
39	59.3	48.0	72.0
67	112.6	75.1	112.7
52	44.4	29.8	44.6



#42
1,2-Dichloroethane
Concen: 9.474 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion:	62	Resp:	21611
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.0

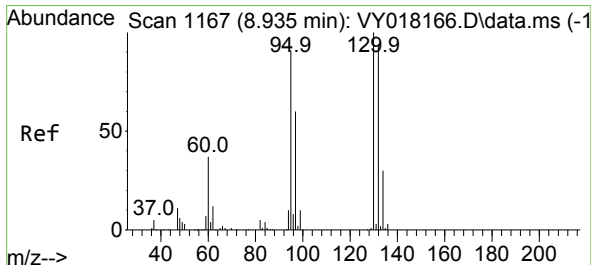
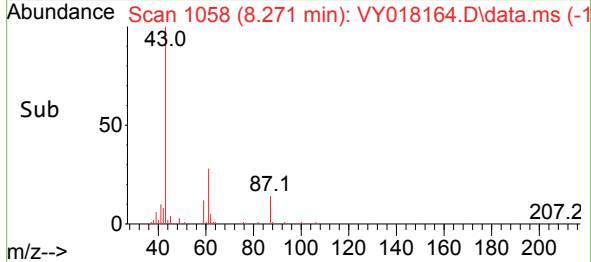
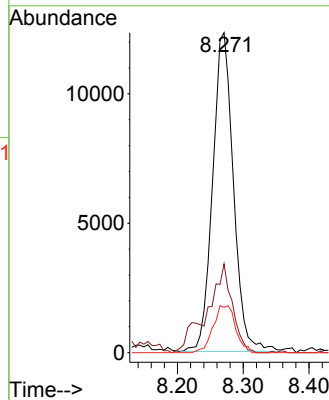
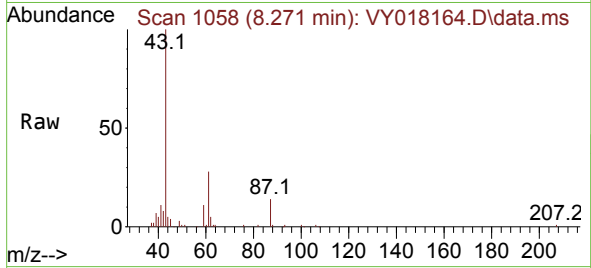




#43
Isopropyl Acetate
Concen: 9.650 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

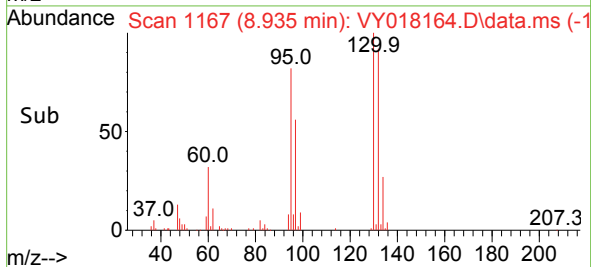
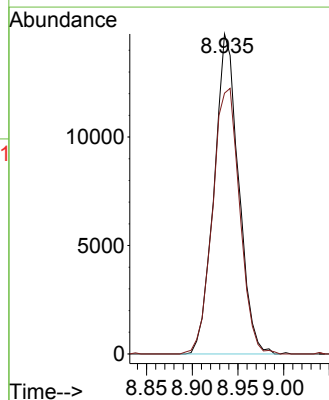
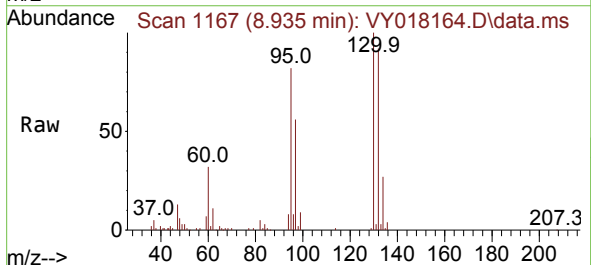
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

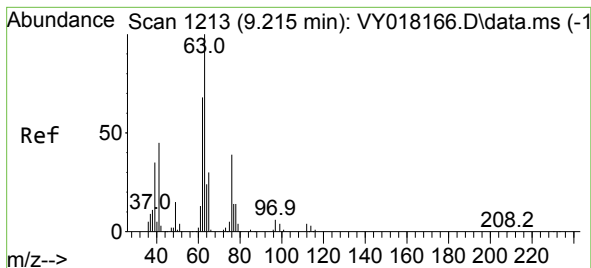
Tgt Ion: 43 Resp: 27136
Ion Ratio Lower Upper
43 100
61 33.8 27.9 41.9
87 15.9 13.1 19.7



#44
Trichloroethene
Concen: 9.635 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion:130 Resp: 27498
Ion Ratio Lower Upper
130 100
95 81.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 9.599 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

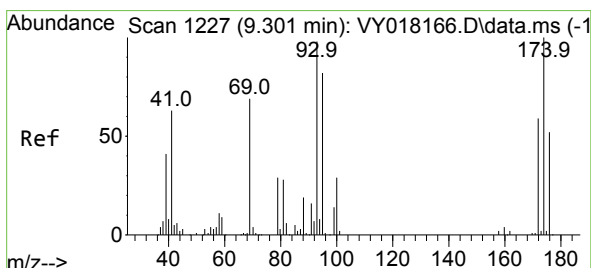
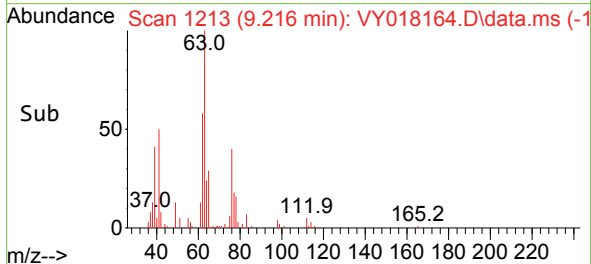
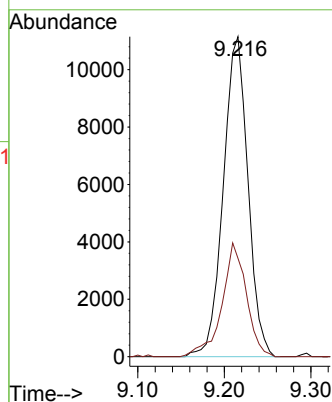
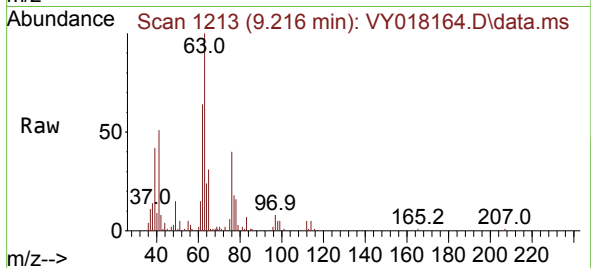
VSTDICC010

Tgt Ion: 63 Resp: 22001

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 9.574 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

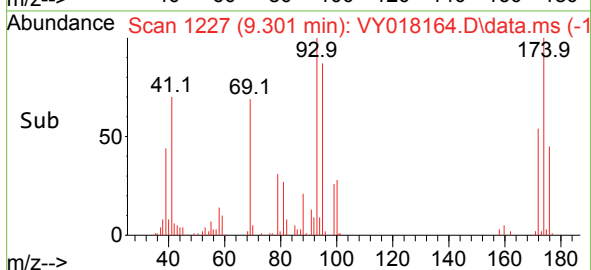
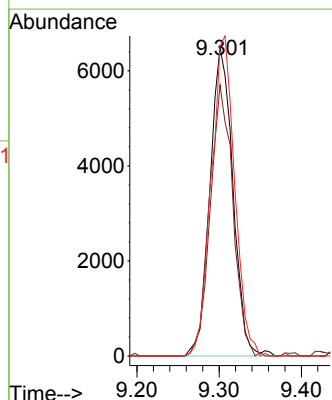
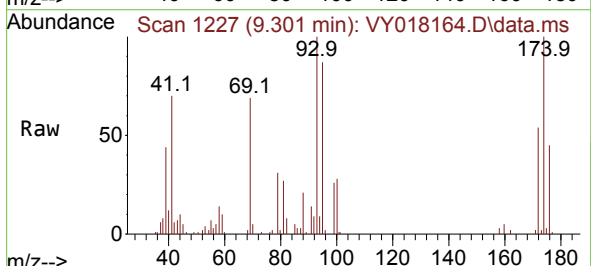
Tgt Ion: 93 Resp: 12615

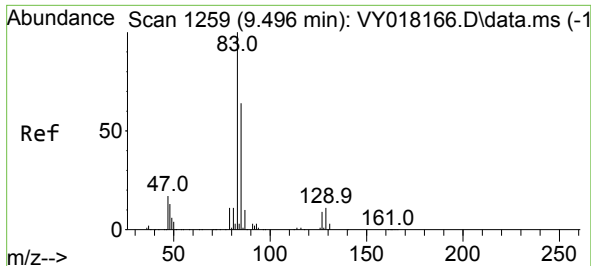
Ion Ratio Lower Upper

93 100

95 86.0 66.2 99.4

174 105.6 80.9 121.3

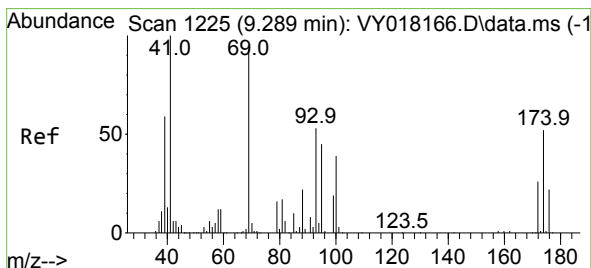
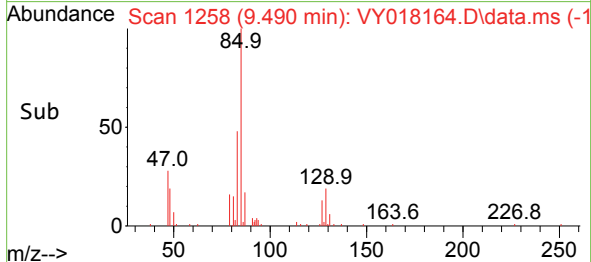
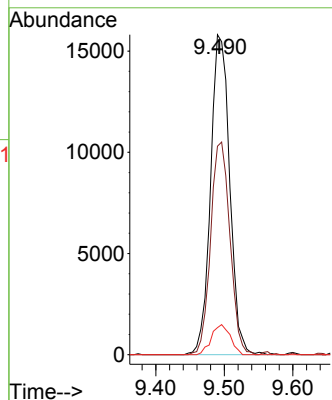
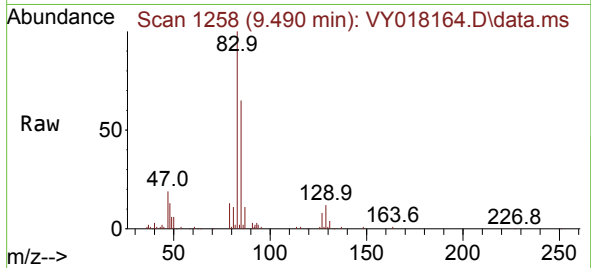




#47
Bromodichloromethane
Concen: 9.406 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

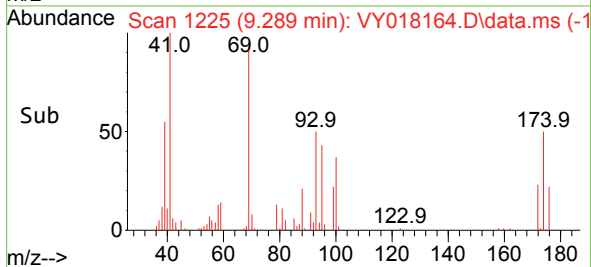
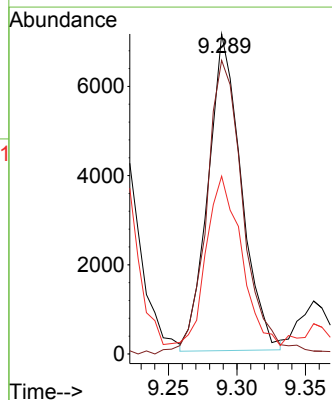
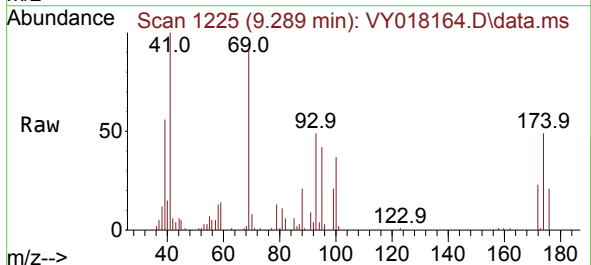
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

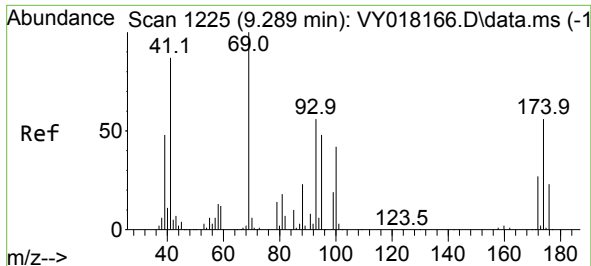
Tgt Ion: 83 Resp: 30639
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 9.288 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 41 Resp: 11970
Ion Ratio Lower Upper
41 100
69 102.9 84.1 126.1
39 56.8 43.6 65.4





#49

1,4-Dioxane

Concen: 203.709 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

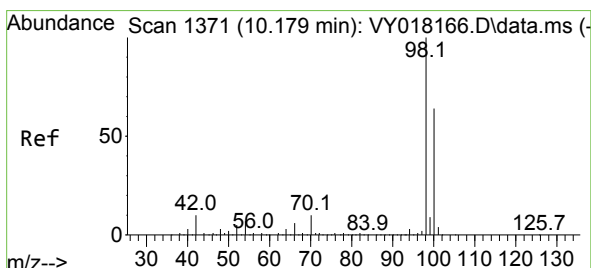
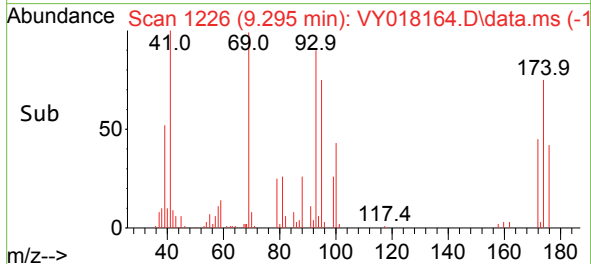
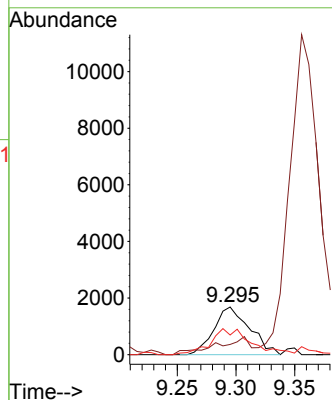
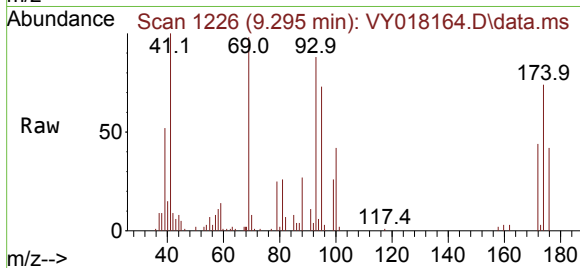
Tgt Ion: 88 Resp: 3563

Ion Ratio Lower Upper

88 100

43 33.8 0.0 0.0#

58 61.6 49.3 73.9



#50

Toluene-d8

Concen: 10.472 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018164.D

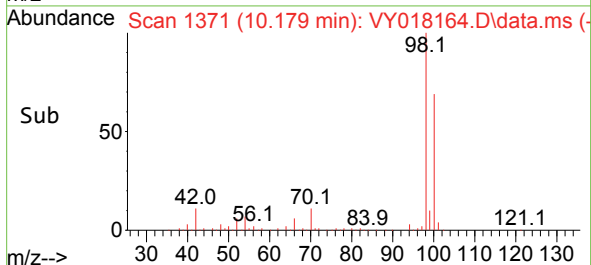
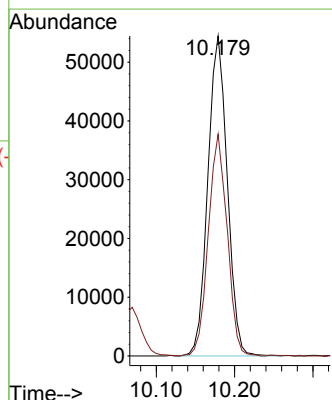
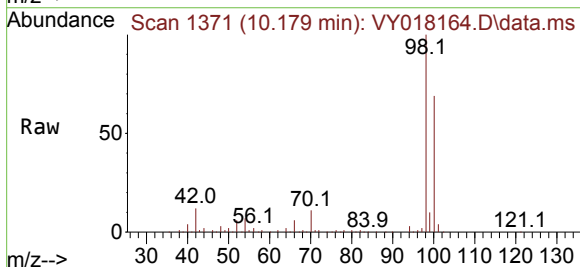
Acq: 07 May 2024 09:53

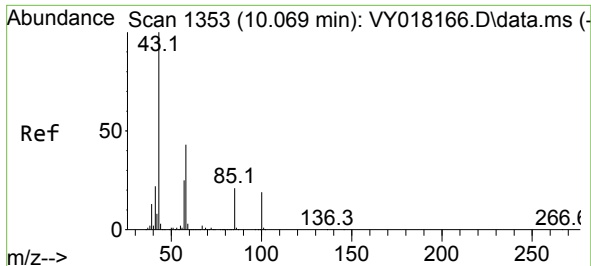
Tgt Ion: 98 Resp: 93821

Ion Ratio Lower Upper

98 100

100 67.2 52.0 78.0

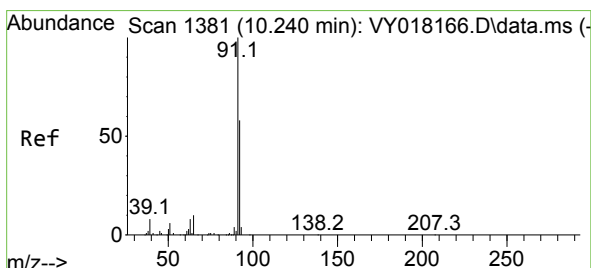
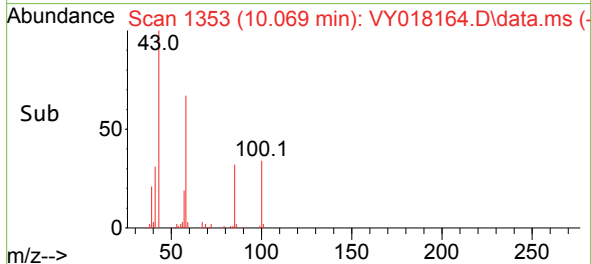
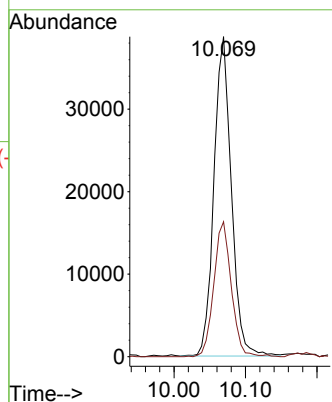
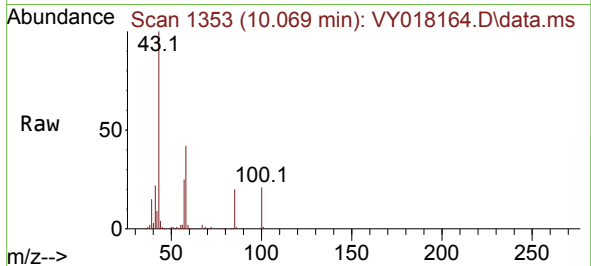




#51
4-Methyl-2-Pentanone
Concen: 46.420 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

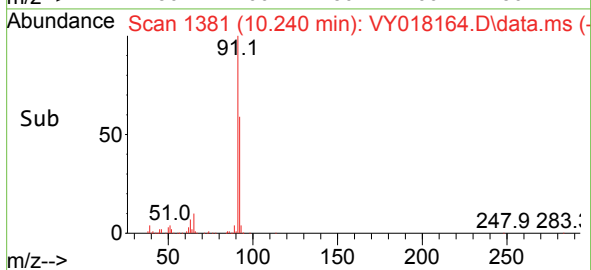
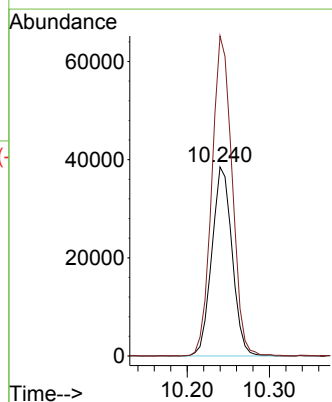
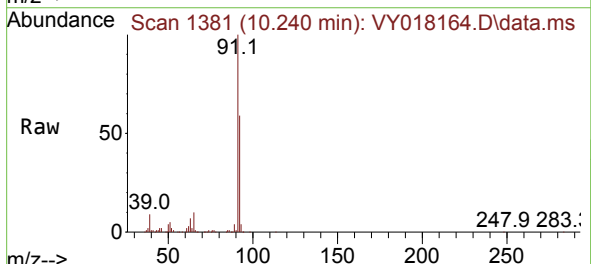
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

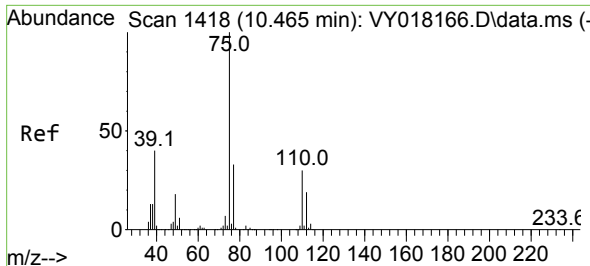
Tgt Ion: 43 Resp: 65604
Ion Ratio Lower Upper
43 100
58 42.4 35.7 53.5



#52
Toluene
Concen: 9.768 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 92 Resp: 65930
Ion Ratio Lower Upper
92 100
91 169.5 139.0 208.6

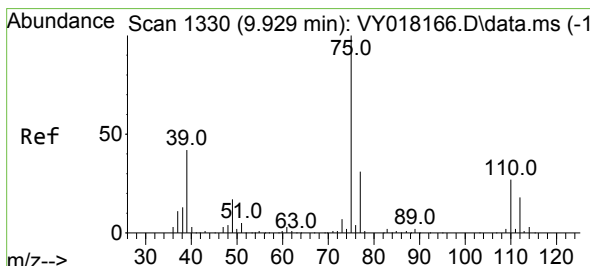
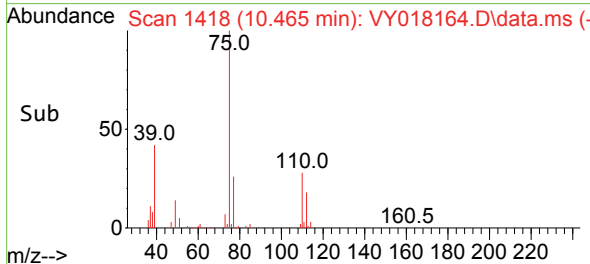
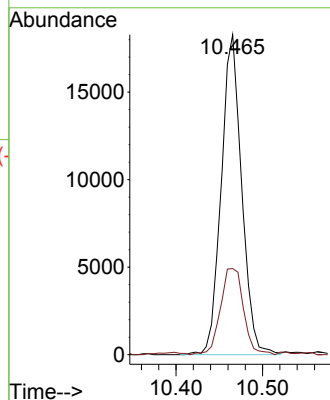
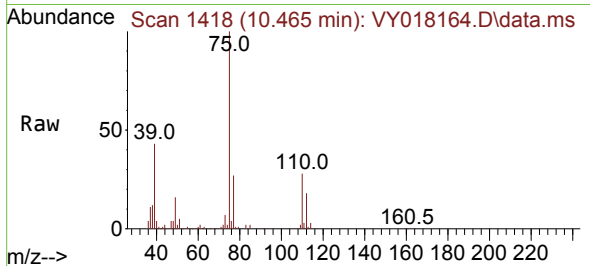




#53
t-1,3-Dichloropropene
Concen: 9.841 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

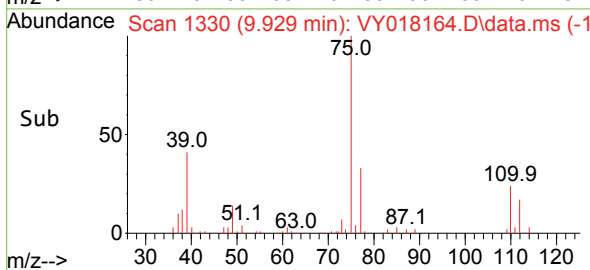
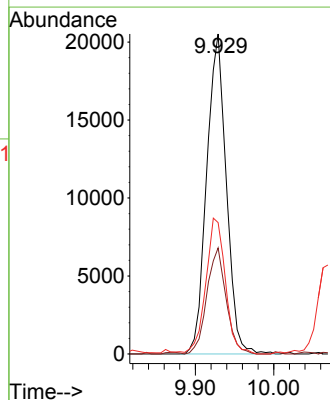
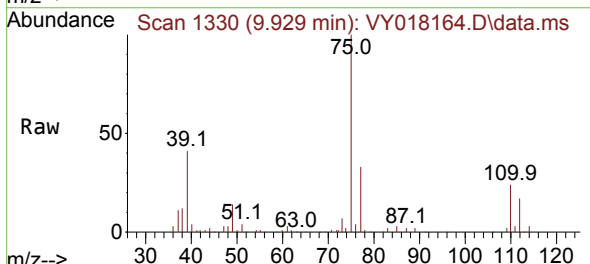
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

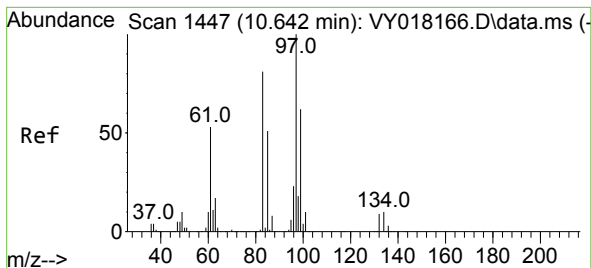
Tgt Ion: 75 Resp: 29945
Ion Ratio Lower Upper
75 100
77 26.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 9.607 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 75 Resp: 35733
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 40.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 9.994 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 18091

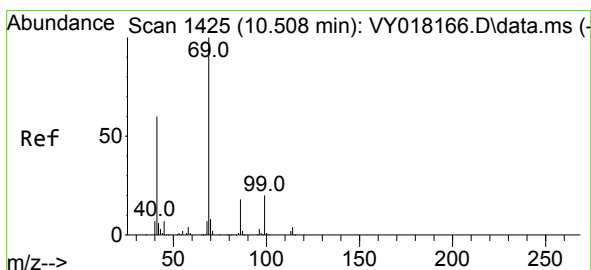
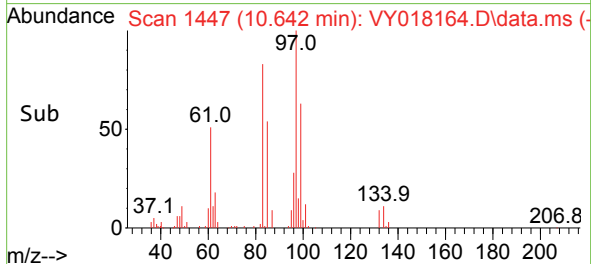
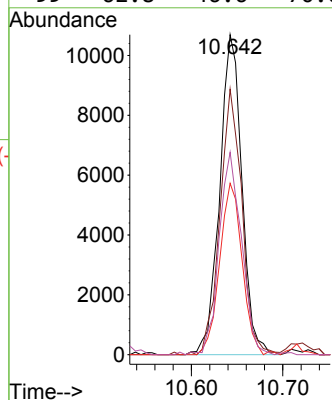
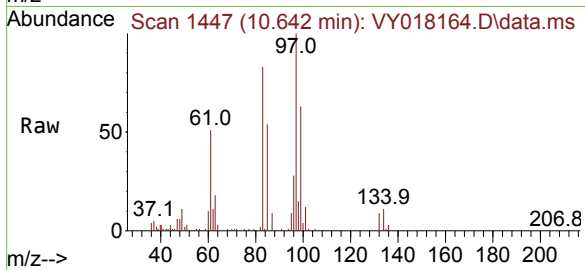
Ion Ratio Lower Upper

97 100

83 83.0 67.5 101.3

85 53.6 42.9 64.3

99 62.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 9.385 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

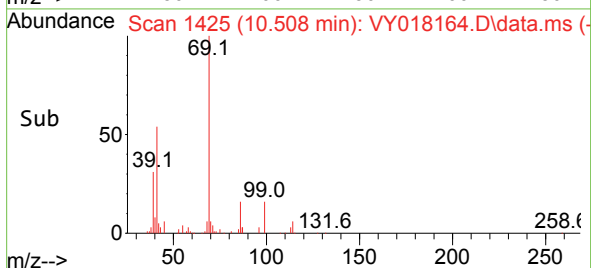
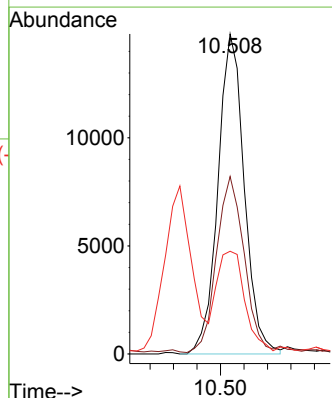
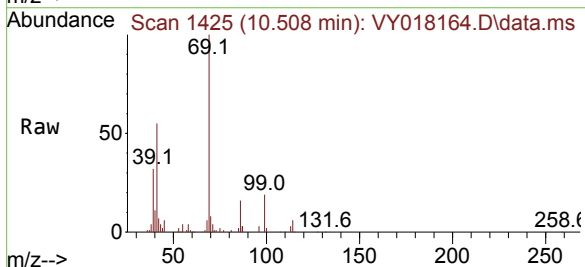
Tgt Ion: 69 Resp: 23073

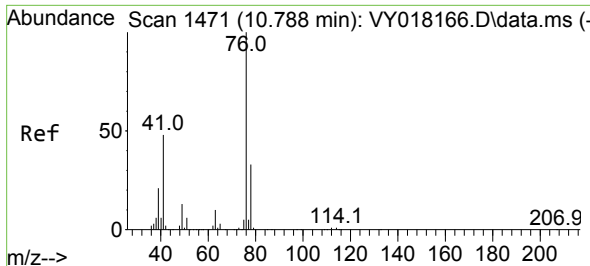
Ion Ratio Lower Upper

69 100

41 58.3 42.3 63.5

39 36.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 9.843 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

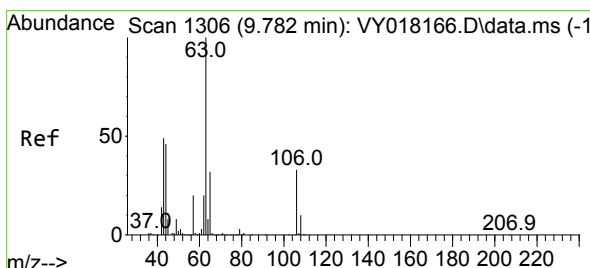
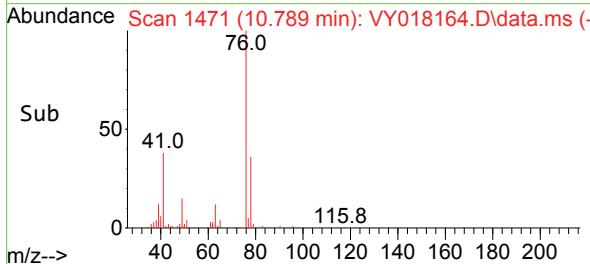
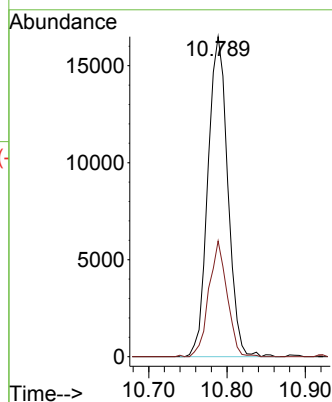
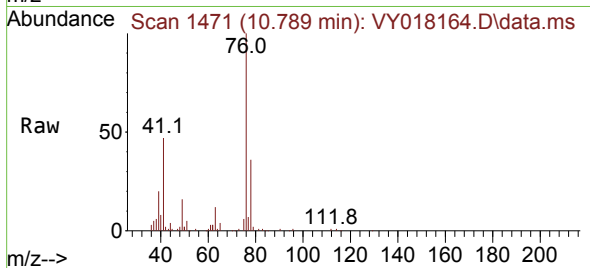
VSTDIC010

Tgt Ion: 76 Resp: 28999

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 52.005 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018164.D

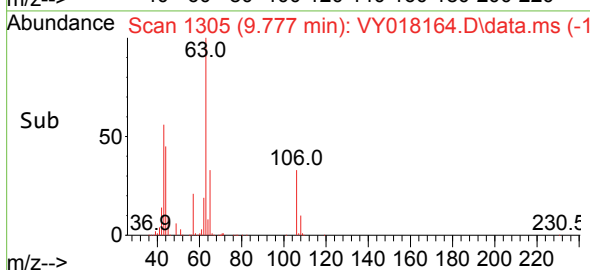
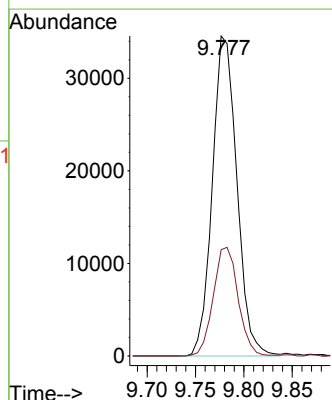
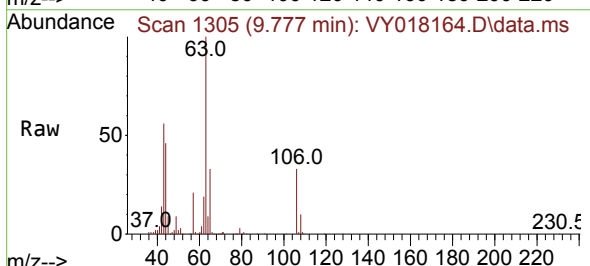
Acq: 07 May 2024 09:53

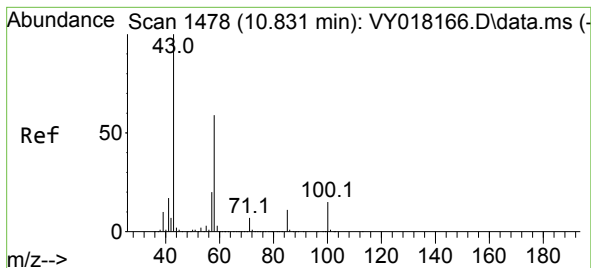
Tgt Ion: 63 Resp: 61048

Ion Ratio Lower Upper

63 100

106 34.4 23.7 35.5

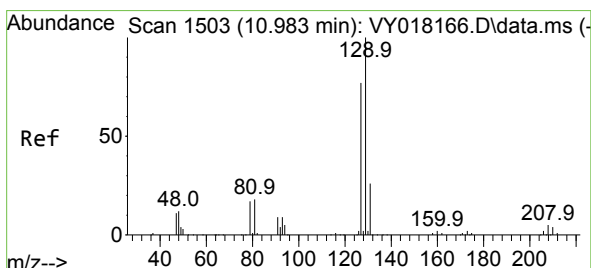
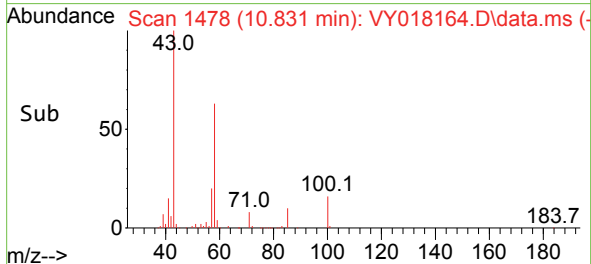
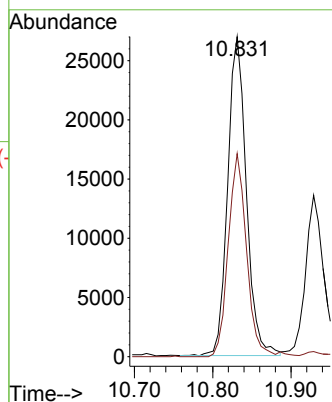
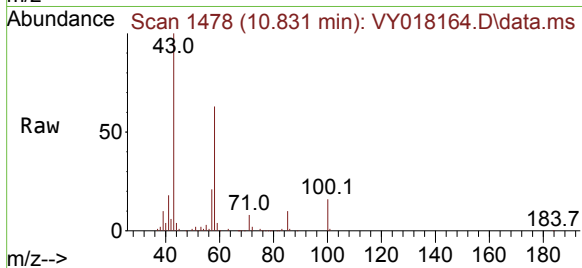




#59
2-Hexanone
Concen: 45.116 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

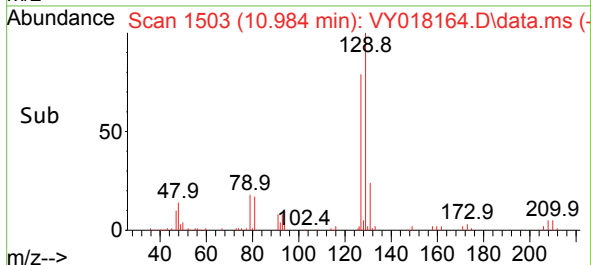
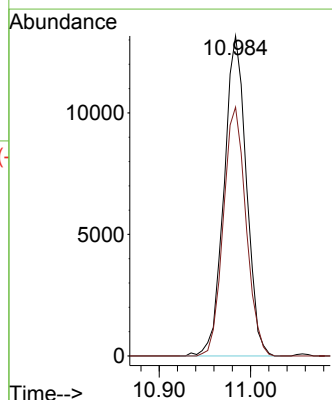
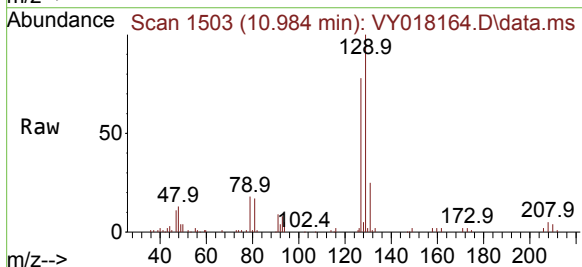
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

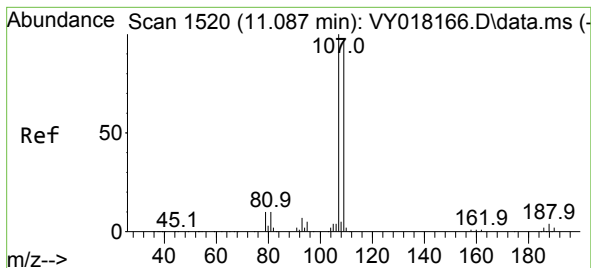
Tgt Ion: 43 Resp: 44582
Ion Ratio Lower Upper
43 100
58 62.2 31.4 94.0



#60
Dibromochloromethane
Concen: 9.535 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 129 Resp: 22393
Ion Ratio Lower Upper
129 100
127 78.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 9.611 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

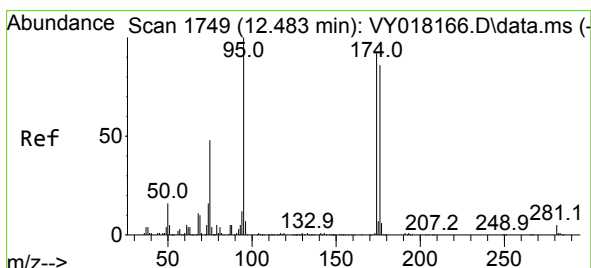
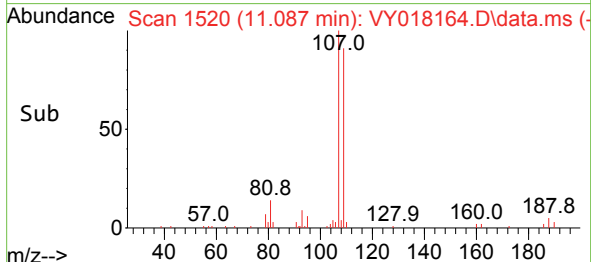
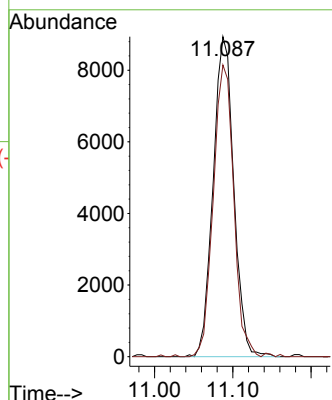
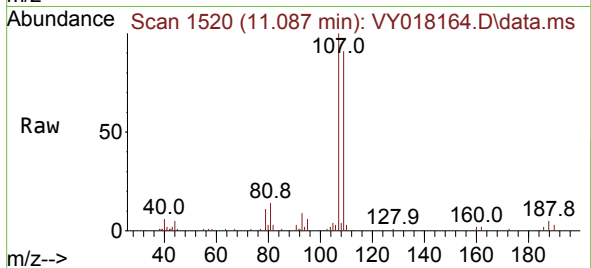
VSTDIC010

Tgt Ion:107 Resp: 16387

Ion Ratio Lower Upper

107 100

109 89.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 10.458 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

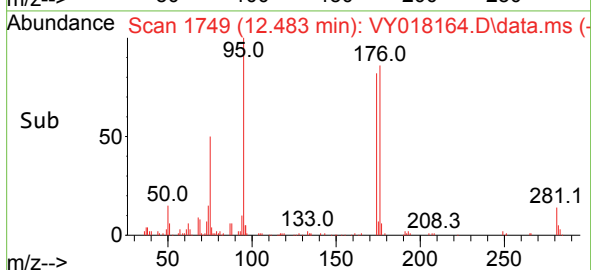
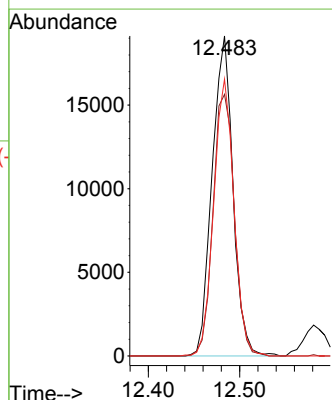
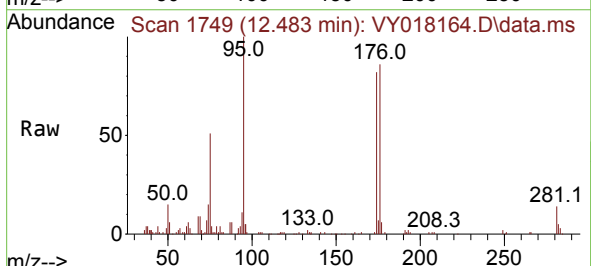
Tgt Ion: 95 Resp: 30258

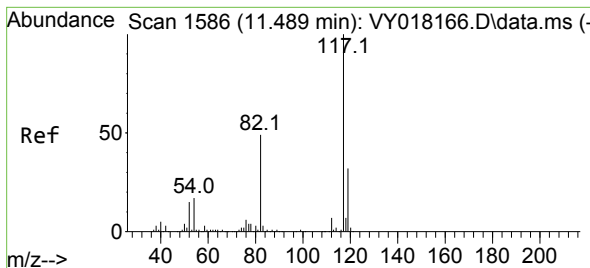
Ion Ratio Lower Upper

95 100

174 84.1 0.0 175.6

176 84.3 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: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

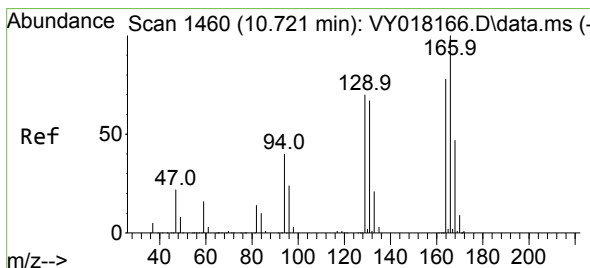
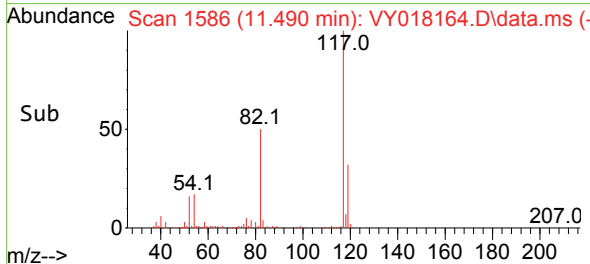
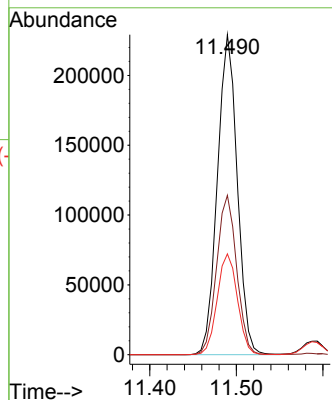
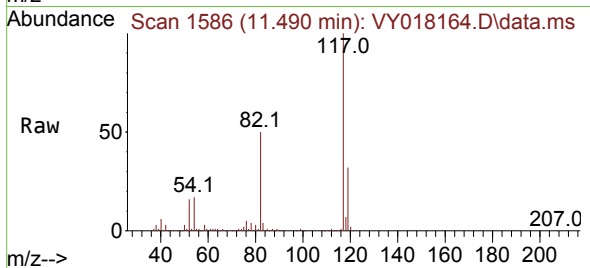
Tgt Ion:117 Resp: 365030

Ion Ratio Lower Upper

117 100

82 49.8 42.4 63.6

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 9.793 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Tgt Ion:164 Resp: 23802

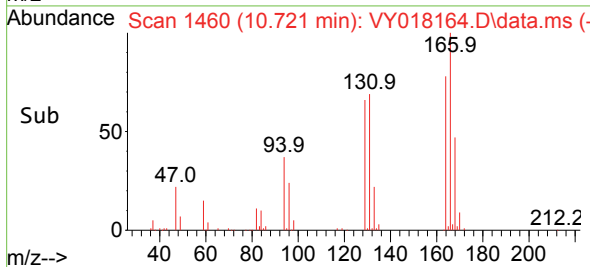
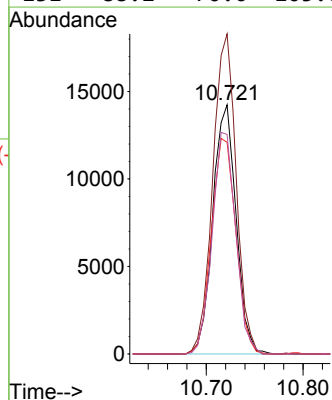
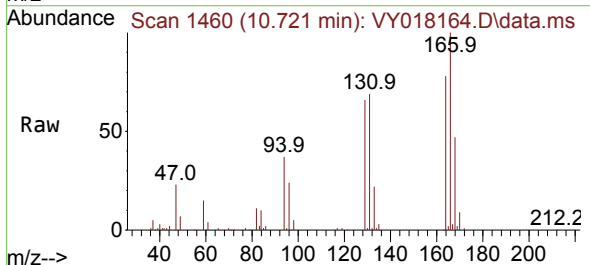
Ion Ratio Lower Upper

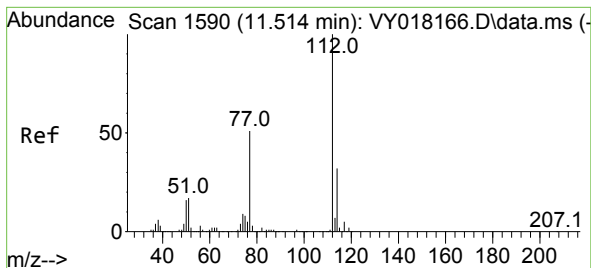
164 100

166 128.5 102.6 154.0

129 85.0 72.0 108.0

131 88.2 70.0 105.0

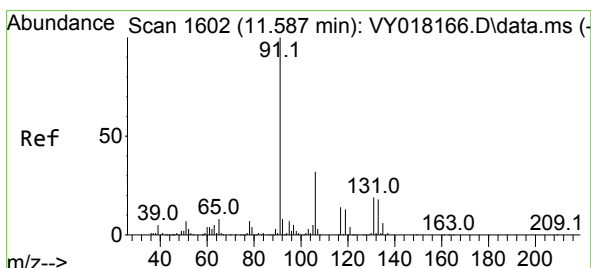
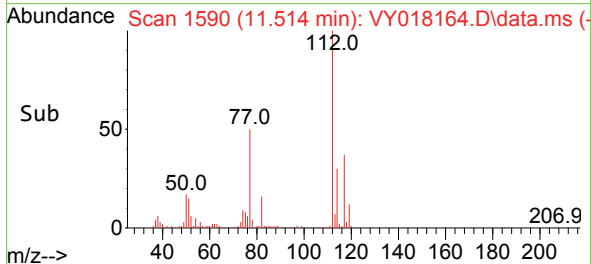
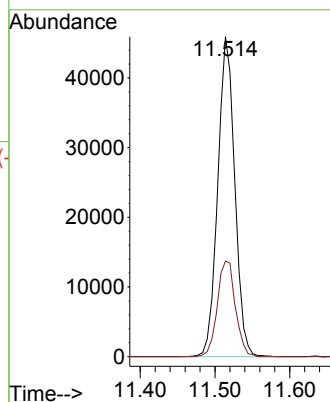
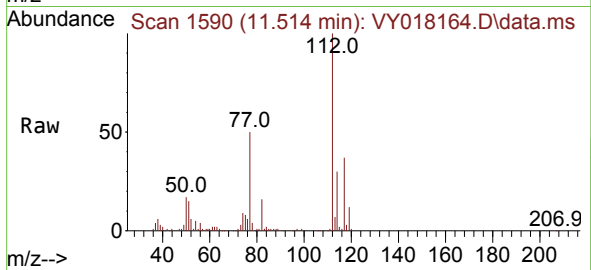




#65
Chlorobenzene
Concen: 9.781 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

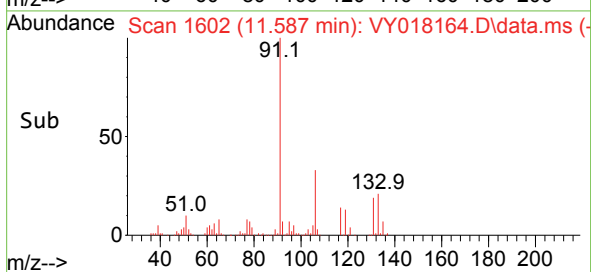
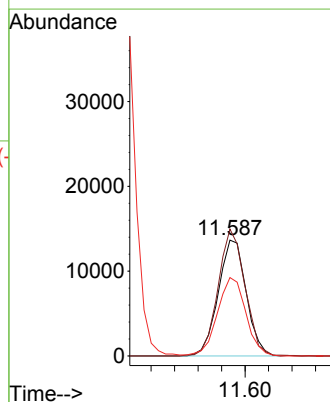
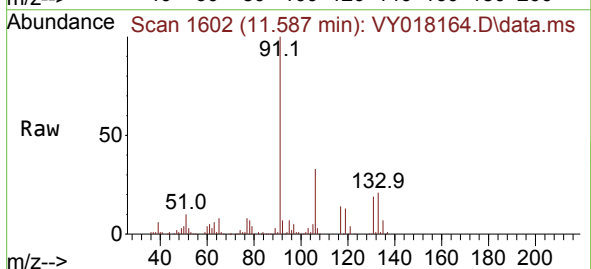
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

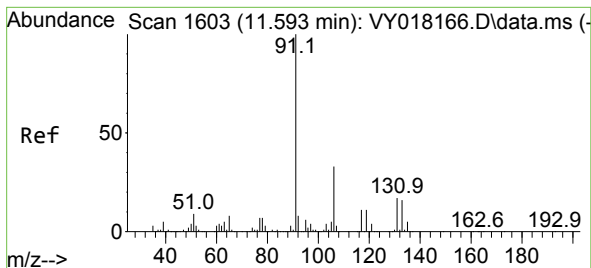
Tgt Ion:112 Resp: 72715
Ion Ratio Lower Upper
112 100
114 29.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.399 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion:131 Resp: 22603
Ion Ratio Lower Upper
131 100
133 105.1 47.8 143.3
119 68.7 34.1 102.2





#67

Ethyl Benzene

Concen: 9.590 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

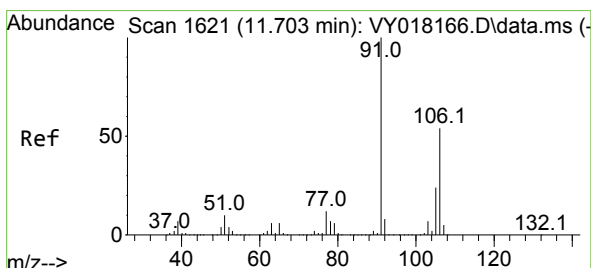
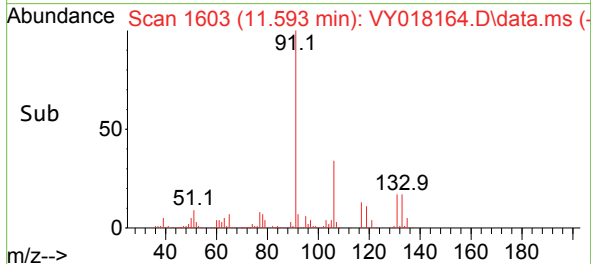
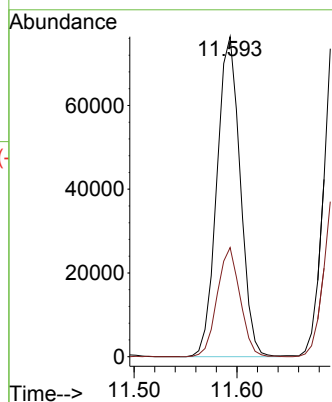
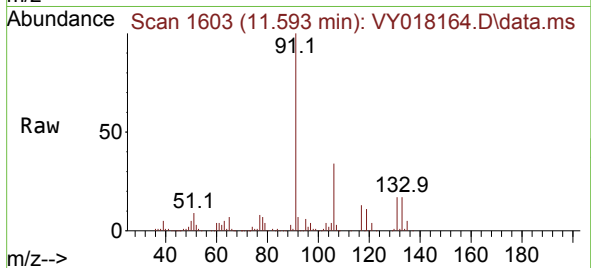
VSTDIC010

Tgt Ion: 91 Resp: 120374

Ion Ratio Lower Upper

91 100

106 34.1 24.5 36.7



#68

m/p-Xylenes

Concen: 19.316 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018164.D

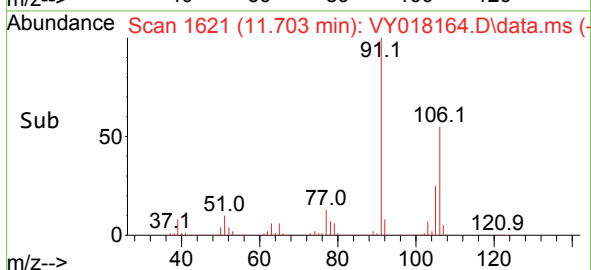
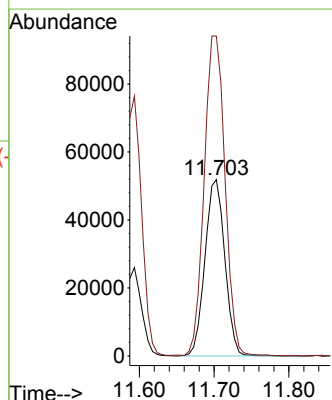
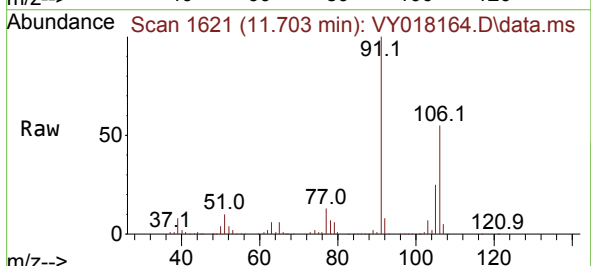
Acq: 07 May 2024 09:53

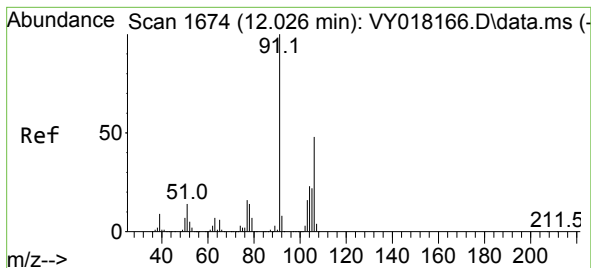
Tgt Ion:106 Resp: 95885

Ion Ratio Lower Upper

106 100

91 189.8 156.0 234.0





#69

o-Xylene

Concen: 9.729 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

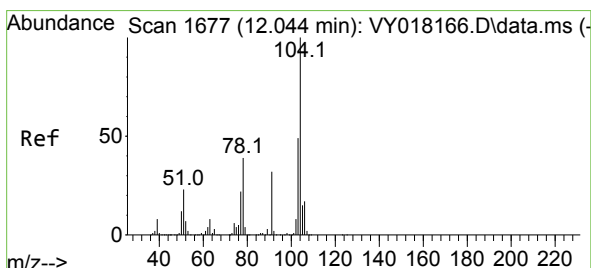
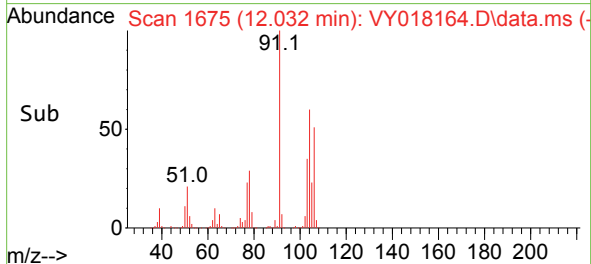
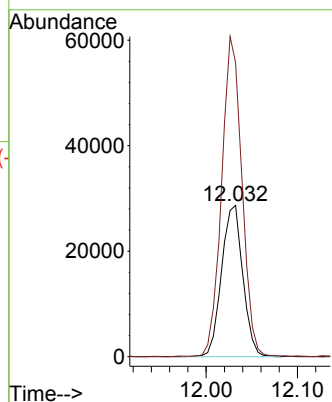
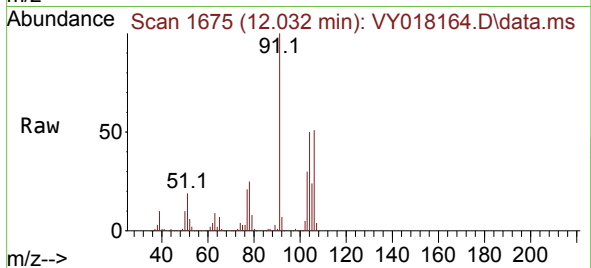
VSTDIC010

Tgt Ion:106 Resp: 46348

Ion Ratio Lower Upper

106 100

91 202.8 103.6 310.8



#70

Styrene

Concen: 9.689 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

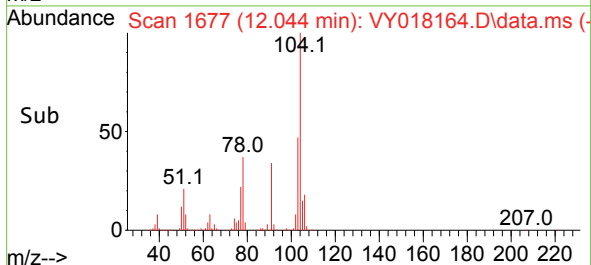
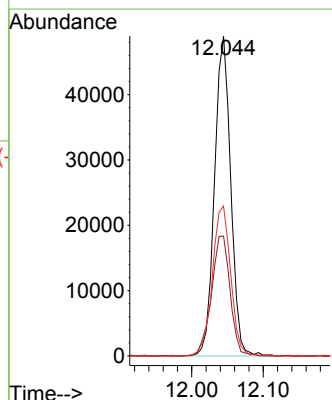
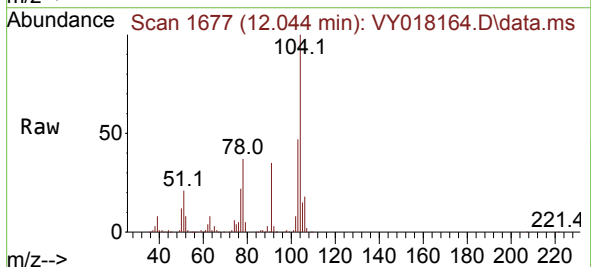
Tgt Ion:104 Resp: 77078

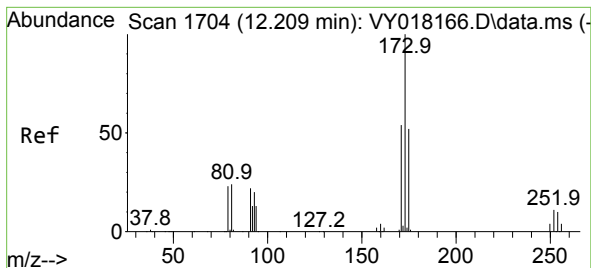
Ion Ratio Lower Upper

104 100

78 43.2 37.0 55.4

103 53.1 44.2 66.2





#71

Bromoform

Concen: 9.650 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

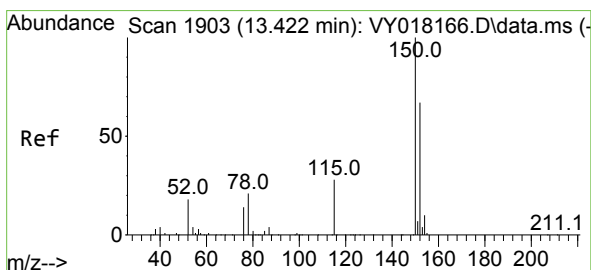
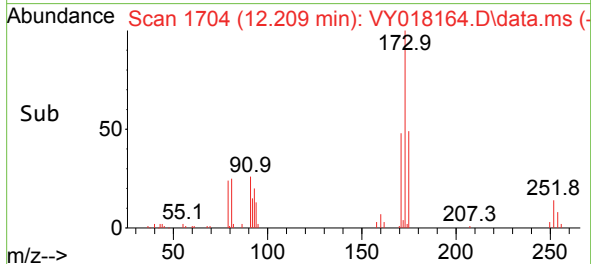
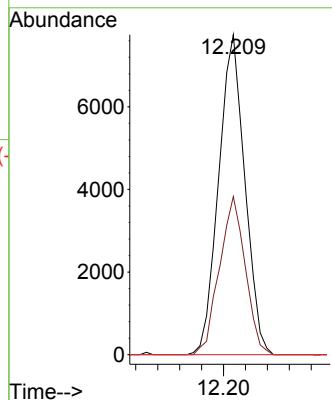
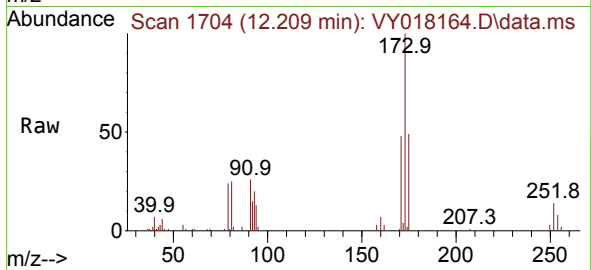
Tgt Ion:173 Resp: 12840

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

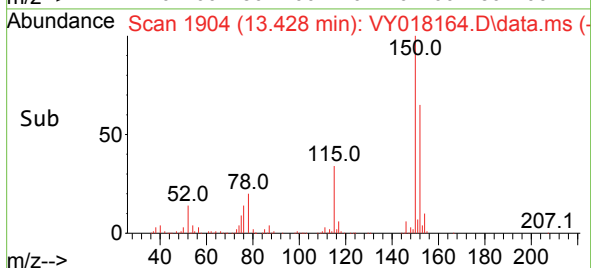
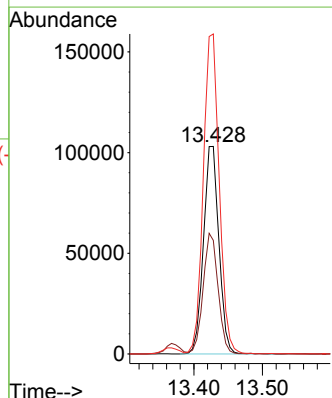
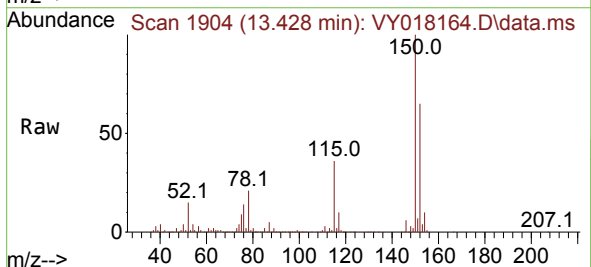
Tgt Ion:152 Resp: 161651

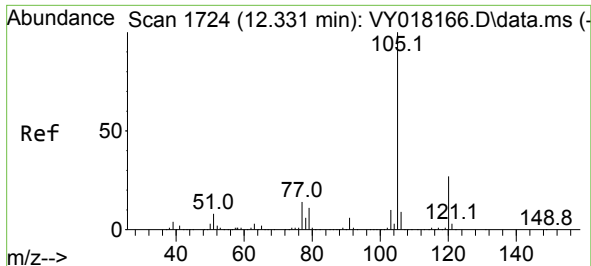
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 159.1 0.0 345.6

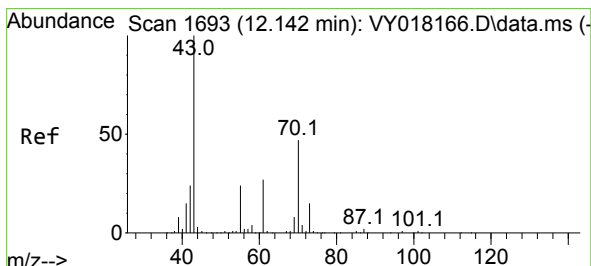
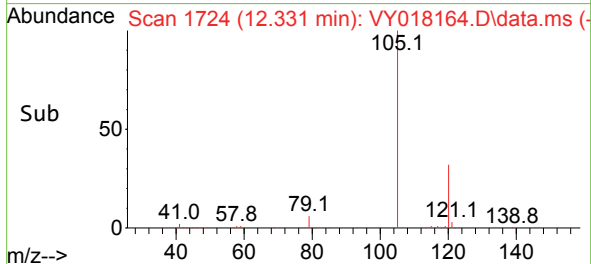
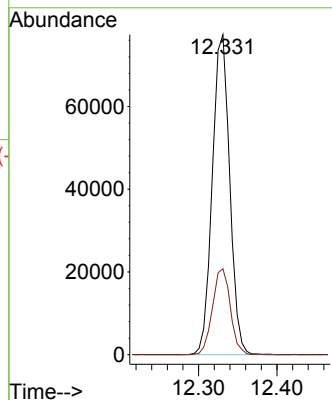
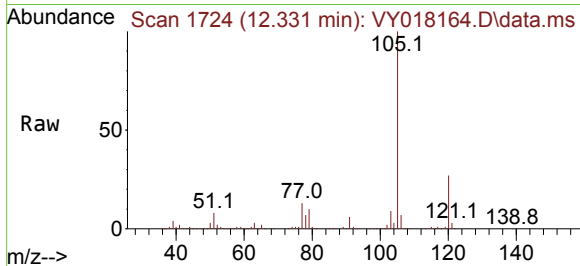




#73
Isopropylbenzene
Concen: 9.851 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

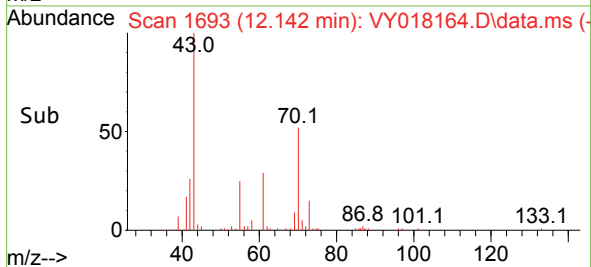
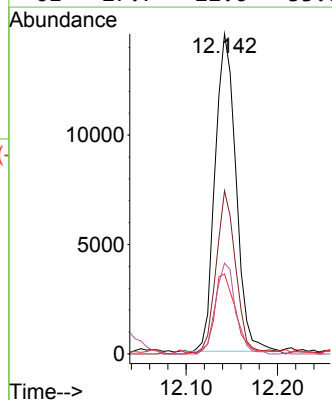
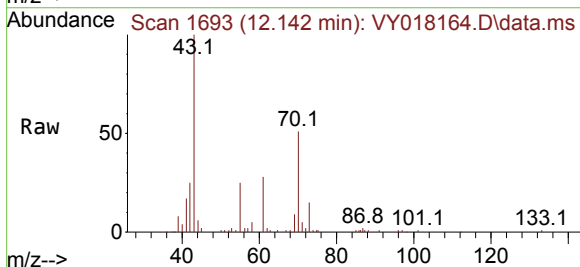
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

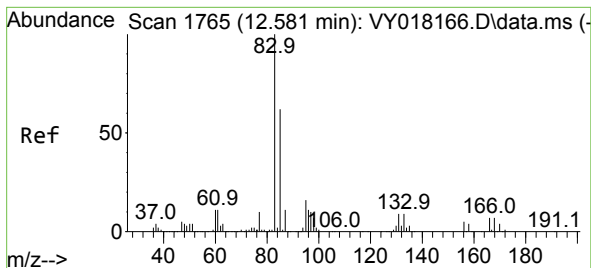
Tgt Ion:105 Resp: 119396
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 9.155 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 43 Resp: 23034
Ion Ratio Lower Upper
43 100
70 48.9 41.4 62.2
55 25.9 23.3 34.9
61 27.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 9.610 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

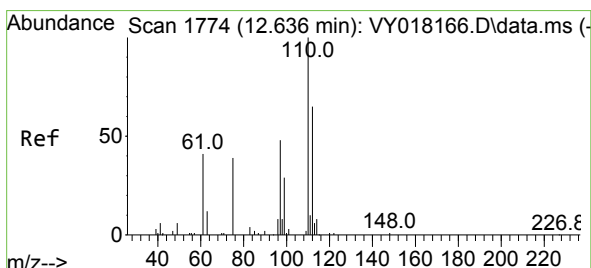
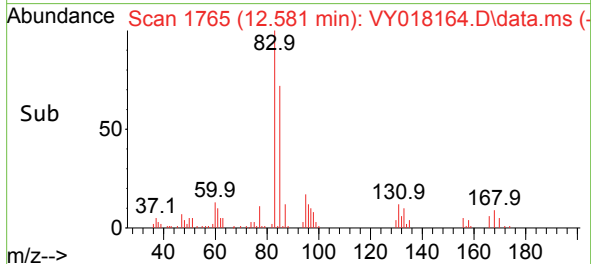
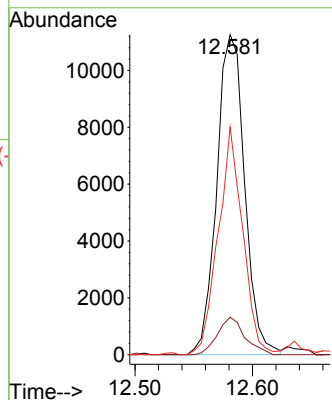
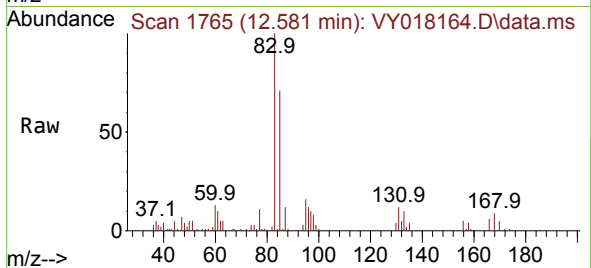
Tgt Ion: 83 Resp: 18580

Ion Ratio Lower Upper

83 100

131 11.5 5.0 14.9

85 62.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 18.085 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018164.D

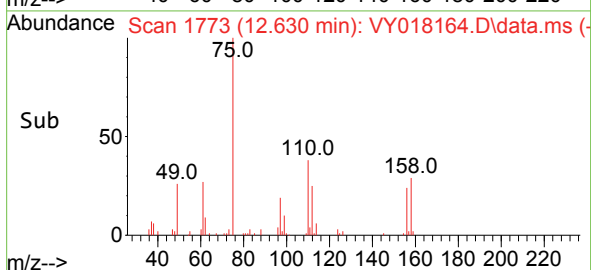
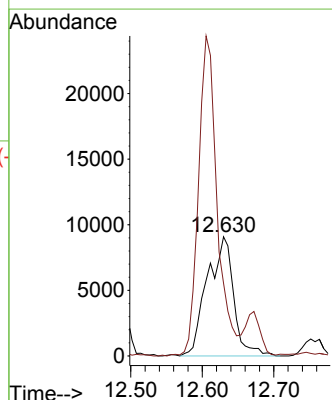
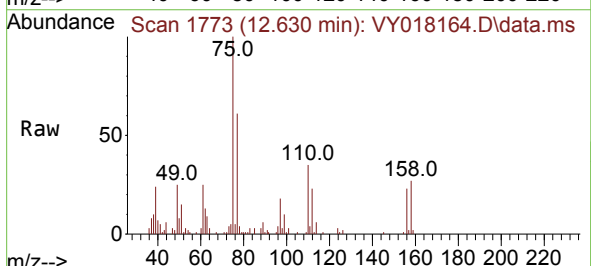
Acq: 07 May 2024 09:53

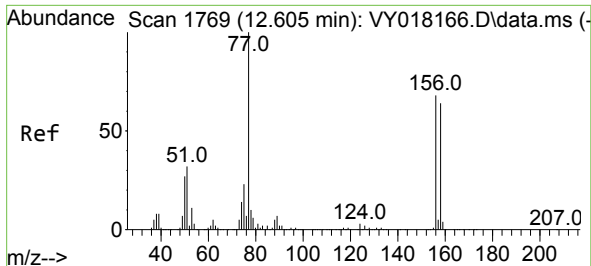
Tgt Ion: 75 Resp: 23400

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

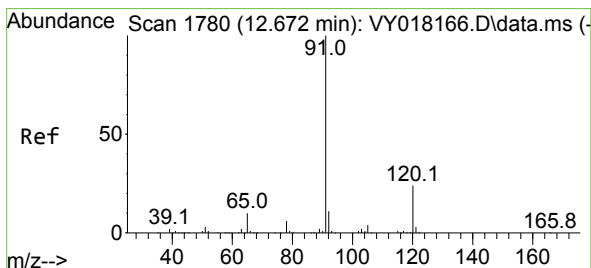
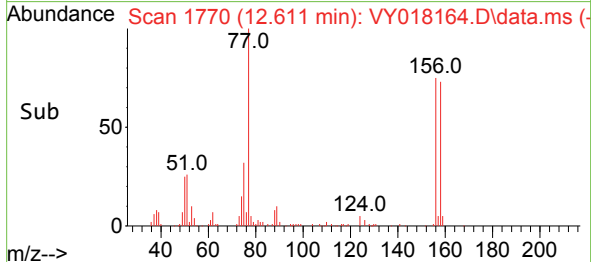
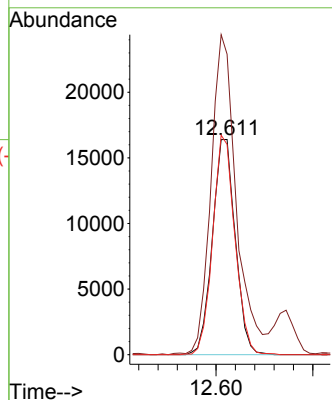
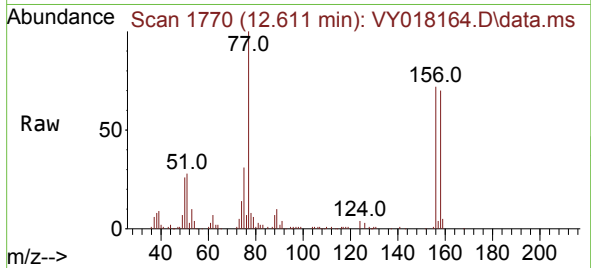




#77
Bromobenzene
Concen: 9.682 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

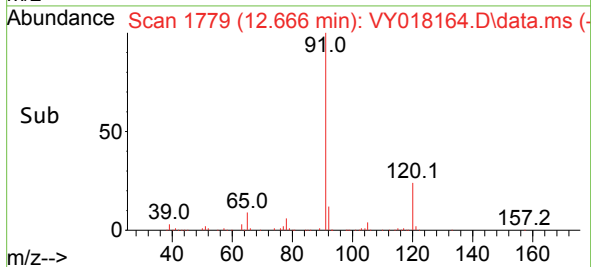
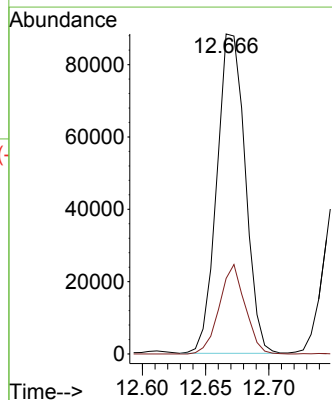
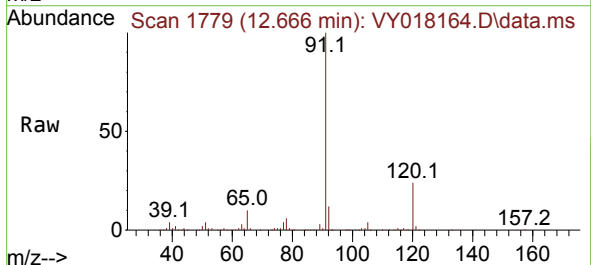
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

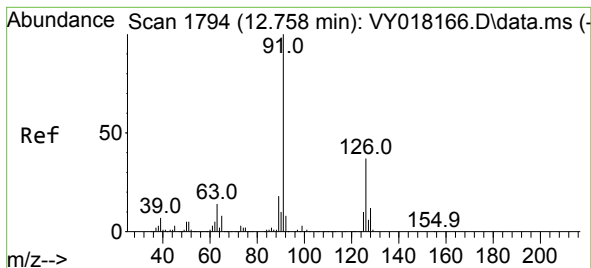
Tgt Ion:156 Resp: 26959
Ion Ratio Lower Upper
156 100
77 163.5 87.1 261.3
158 98.9 48.6 145.9



#78
n-propylbenzene
Concen: 9.773 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 91 Resp: 137771
Ion Ratio Lower Upper
91 100
120 25.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 9.788 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

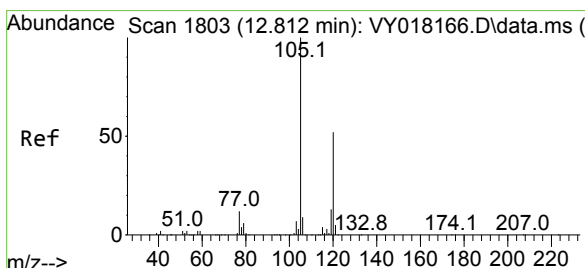
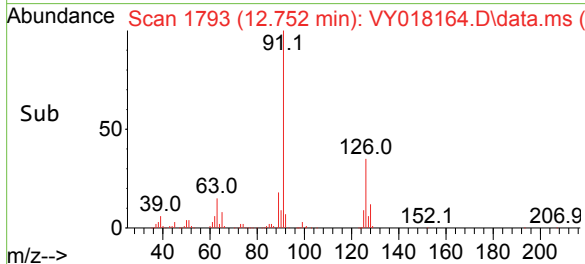
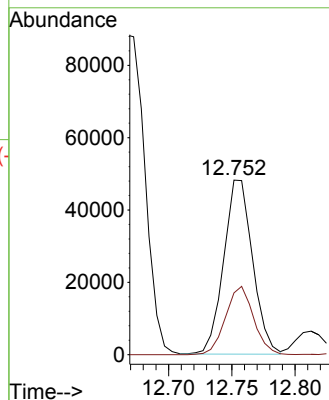
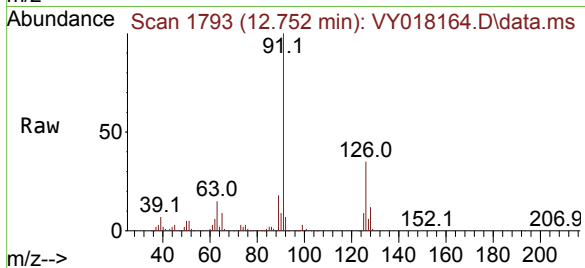
VSTDIC010

Tgt Ion: 91 Resp: 76673

Ion Ratio Lower Upper

91 100

126 37.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 9.844 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018164.D

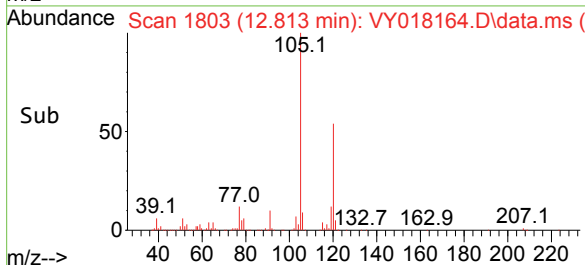
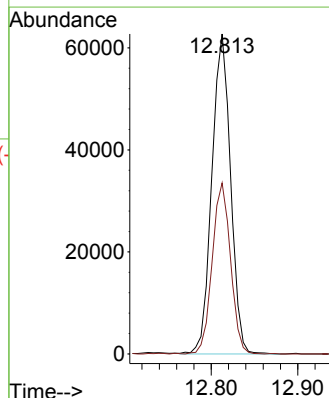
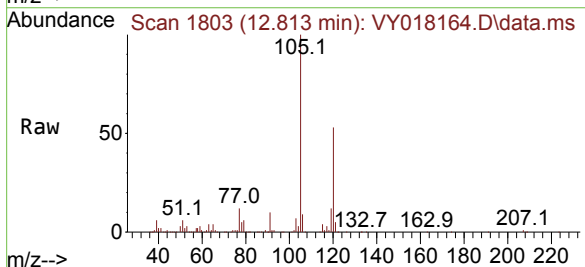
Acq: 07 May 2024 09:53

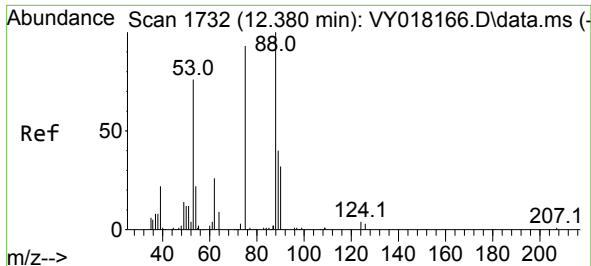
Tgt Ion: 105 Resp: 94083

Ion Ratio Lower Upper

105 100

120 52.3 25.1 75.2

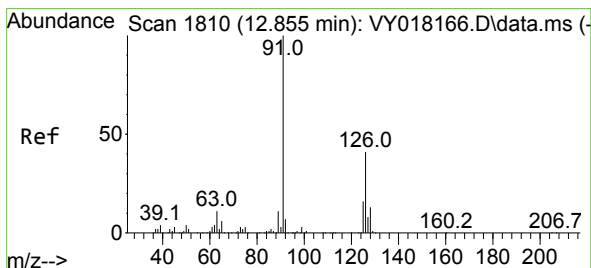
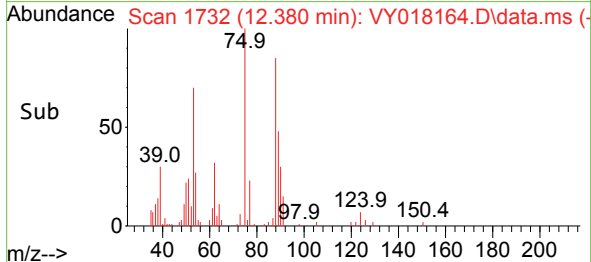
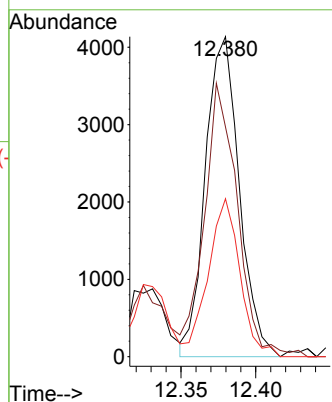
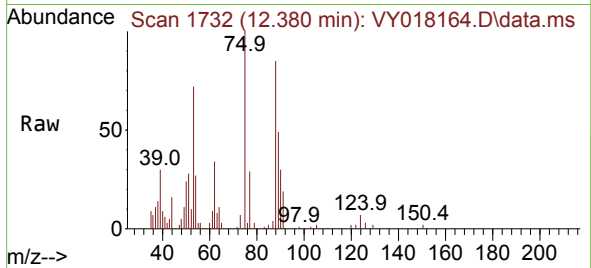




#81
trans-1,4-Dichloro-2-butene
Concen: 9.698 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

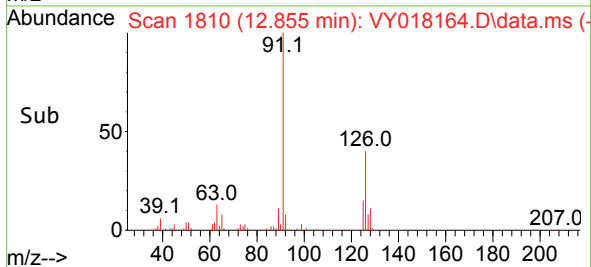
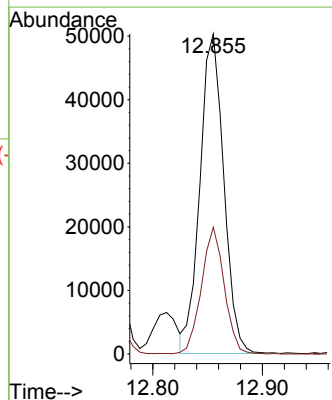
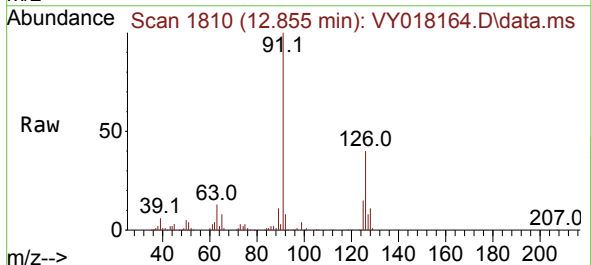
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

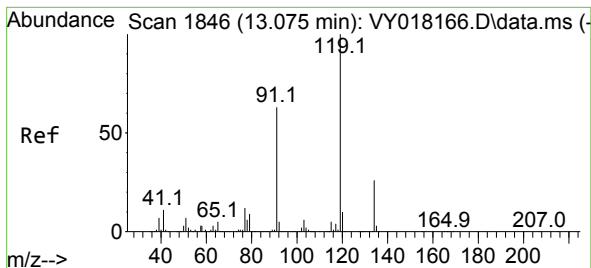
Tgt Ion:	75	Resp:	6513
Ion	Ratio	Lower	Upper
75	100		
53	83.1	66.8	100.2
89	46.5	35.8	53.6



#82
4-Chlorotoluene
Concen: 9.655 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion:	91	Resp:	75974
Ion	Ratio	Lower	Upper
91	100		
126	38.0	17.6	52.9





#83

tert-Butylbenzene

Concen: 10.002 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

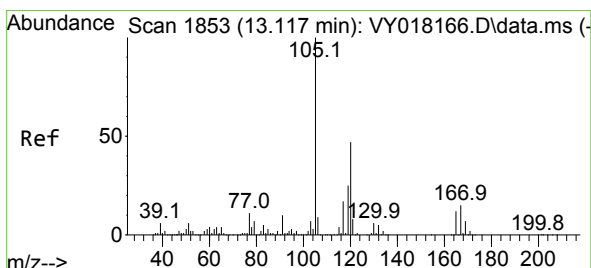
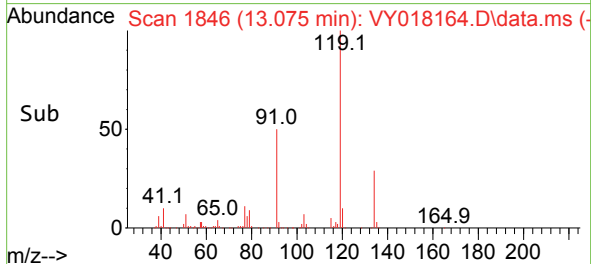
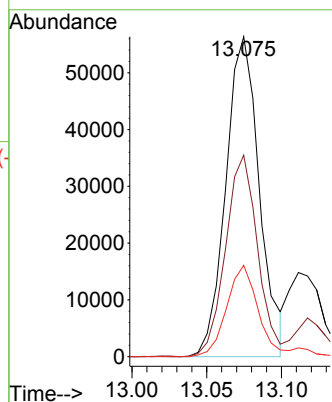
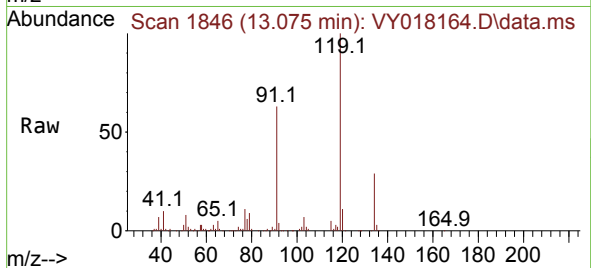
Tgt Ion:119 Resp: 88168

Ion Ratio Lower Upper

119 100

91 59.9 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 9.757 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018164.D

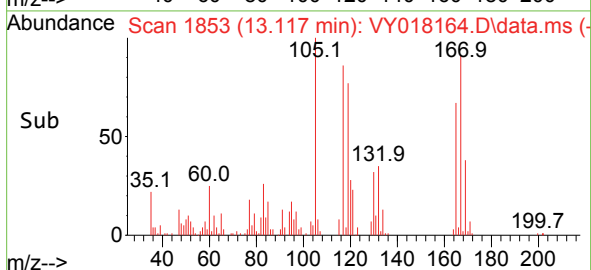
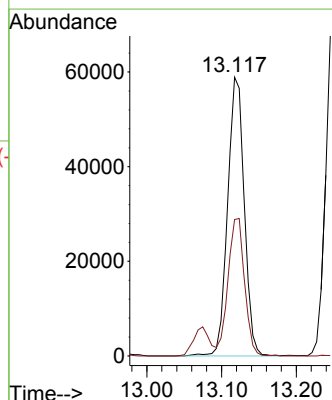
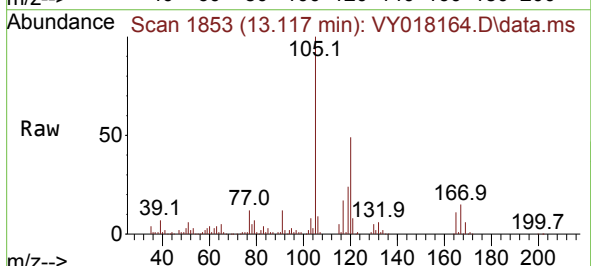
Acq: 07 May 2024 09:53

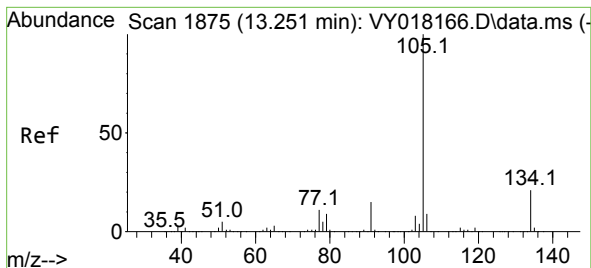
Tgt Ion:105 Resp: 91343

Ion Ratio Lower Upper

105 100

120 49.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 9.838 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

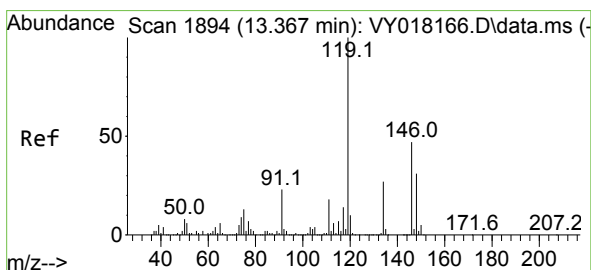
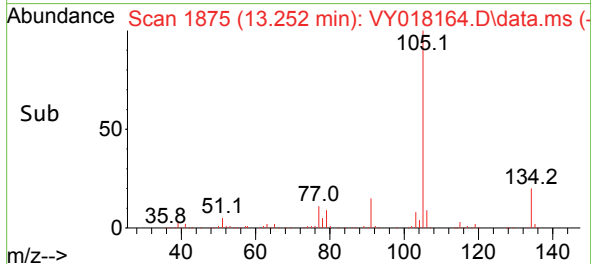
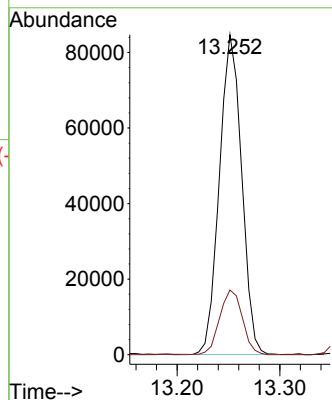
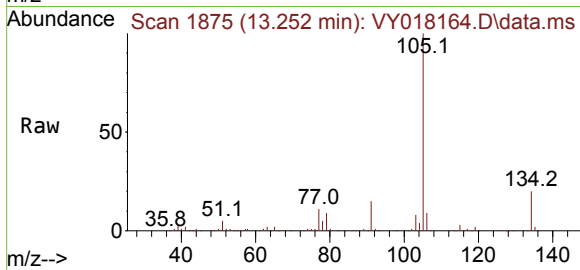
VSTDIC010

Tgt Ion:105 Resp: 127206

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 9.870 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

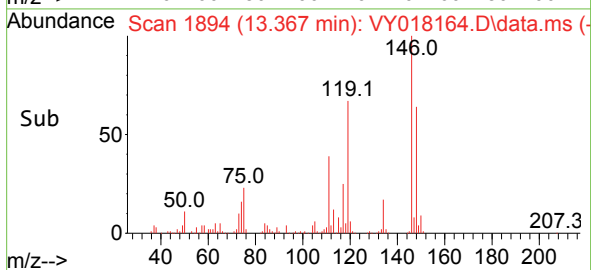
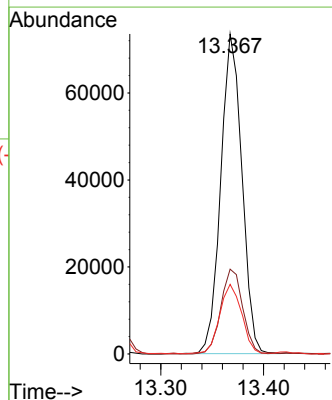
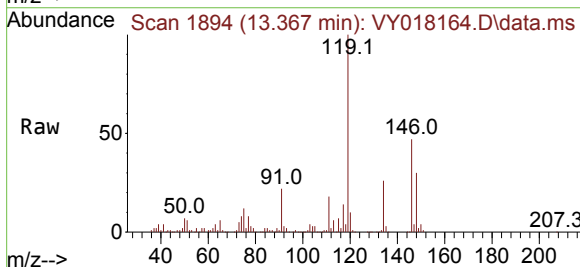
Tgt Ion:119 Resp: 104986

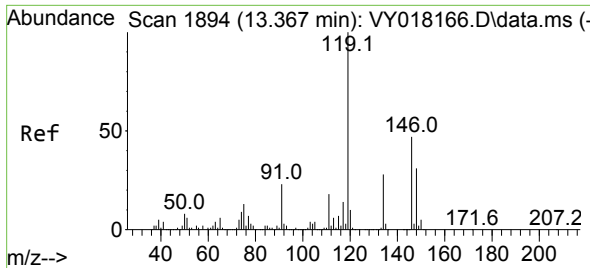
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 22.6 10.7 32.1

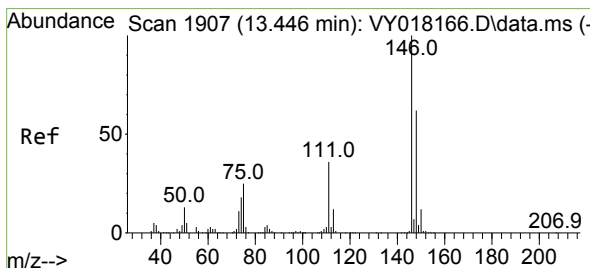
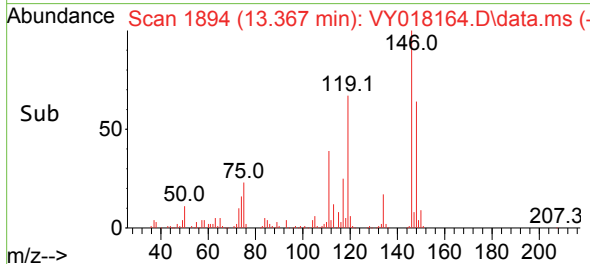
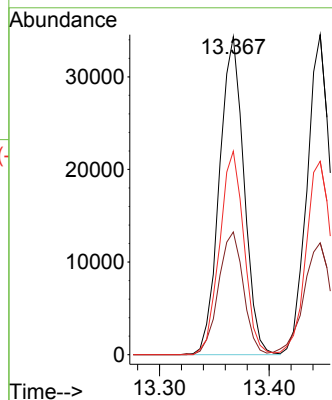
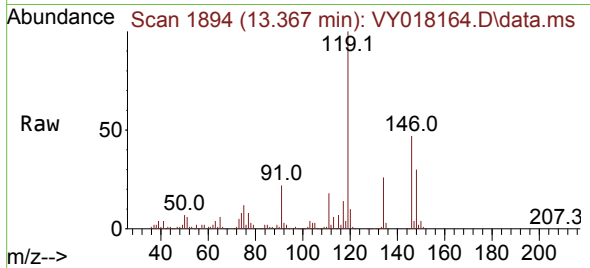




#87
1,3-Dichlorobenzene
Concen: 9.941 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

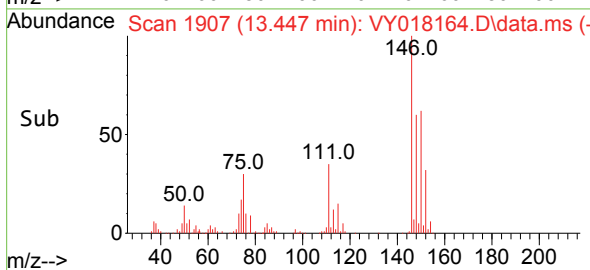
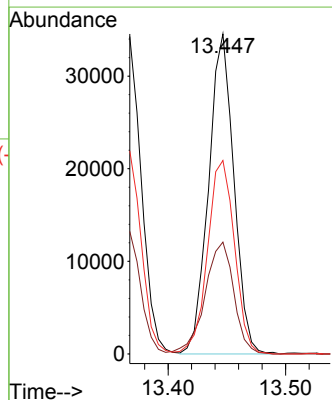
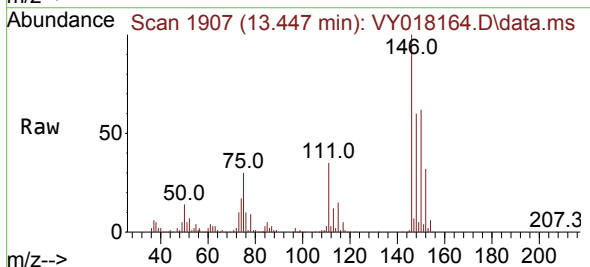
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

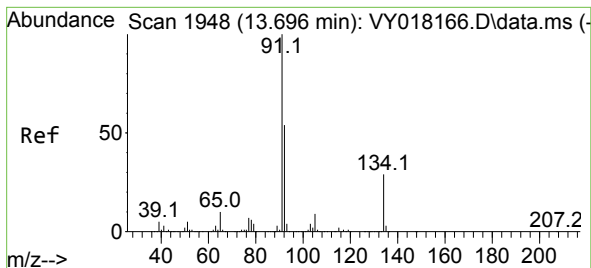
Tgt Ion:146 Resp: 53456
Ion Ratio Lower Upper
146 100
111 39.2 19.0 57.0
148 63.5 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 9.867 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion:146 Resp: 51720
Ion Ratio Lower Upper
146 100
111 39.9 18.4 55.4
148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 9.748 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

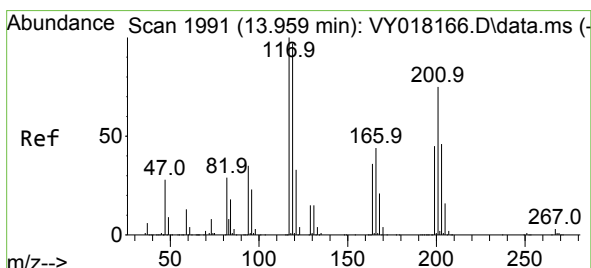
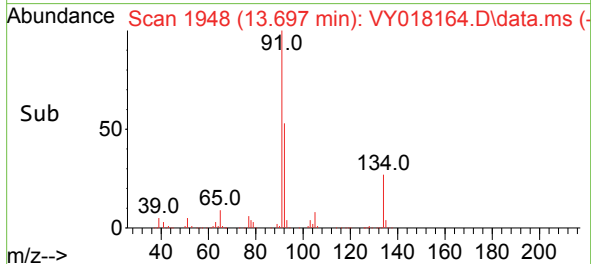
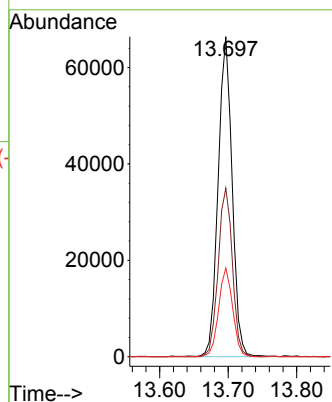
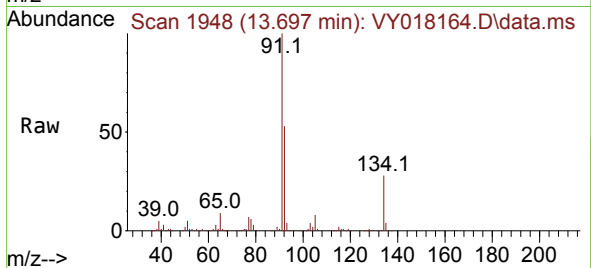
Tgt Ion: 91 Resp: 93838

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 27.6 12.9 38.7



#90

Hexachloroethane

Concen: 9.570 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018164.D

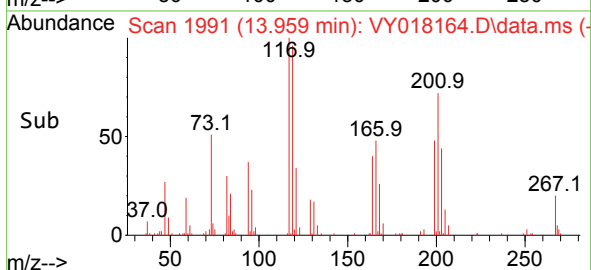
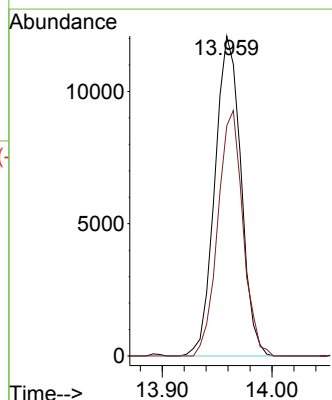
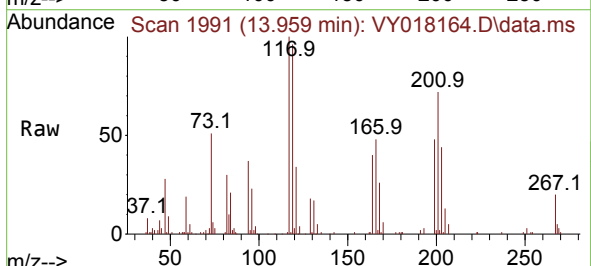
Acq: 07 May 2024 09:53

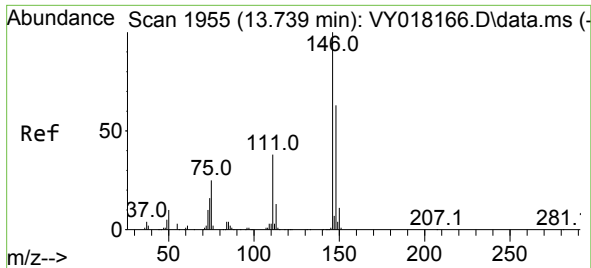
Tgt Ion: 117 Resp: 19971

Ion Ratio Lower Upper

117 100

201 74.0 37.4 112.2

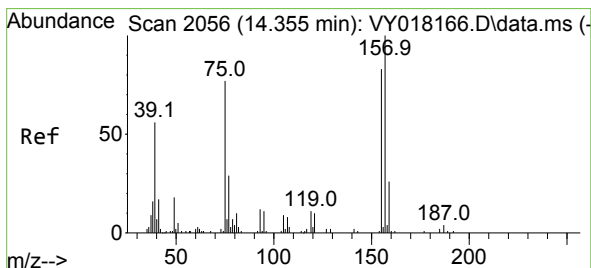
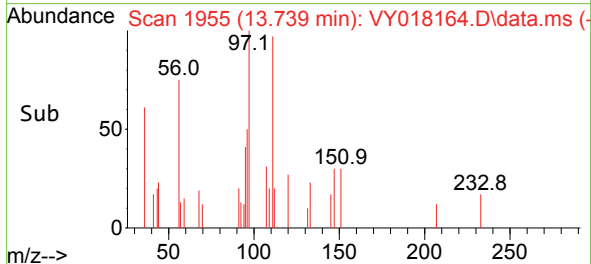
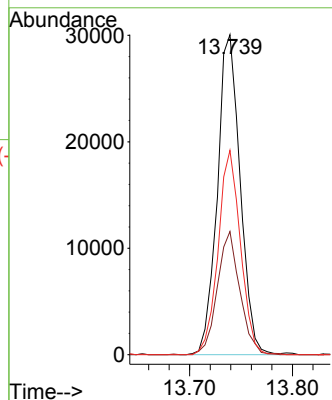
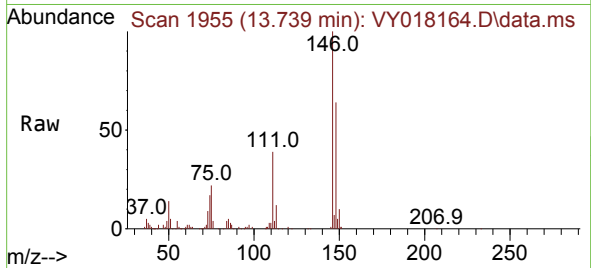




#91
1,2-Dichlorobenzene
Concen: 10.017 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

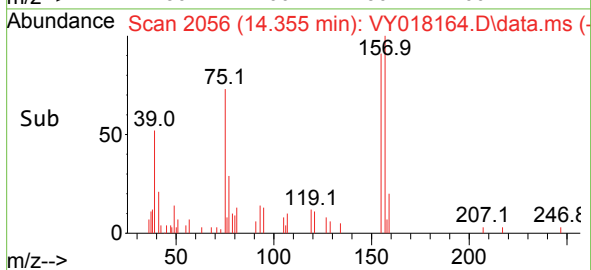
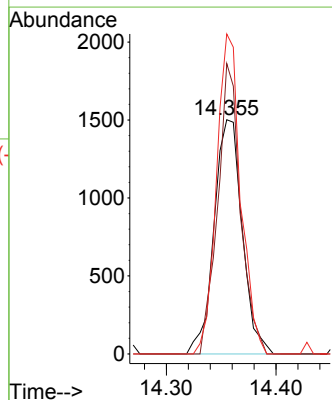
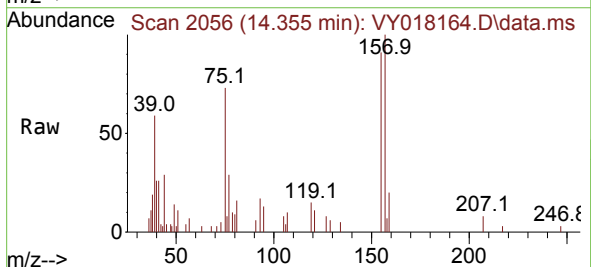
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

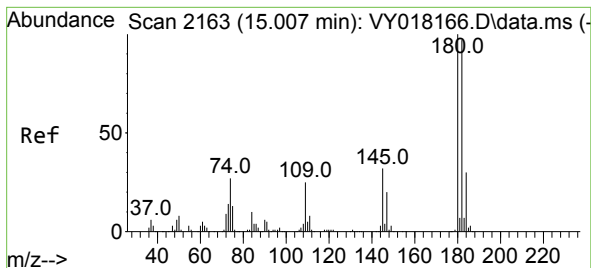
Tgt Ion:146 Resp: 46298
Ion Ratio Lower Upper
146 100
111 38.1 19.9 59.7
148 62.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.146 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018164.D
Acq: 07 May 2024 09:53

Tgt Ion: 75 Resp: 2671
Ion Ratio Lower Upper
75 100
155 101.1 48.6 145.8
157 117.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 9.065 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

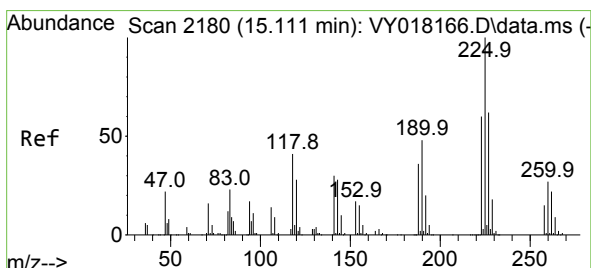
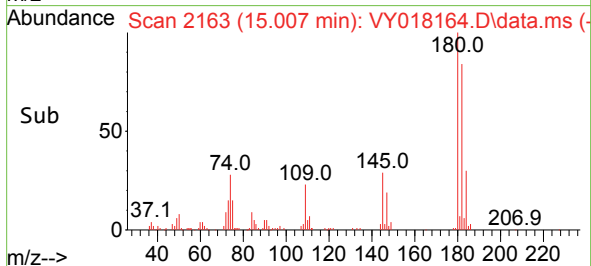
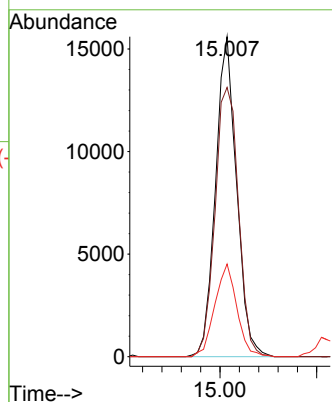
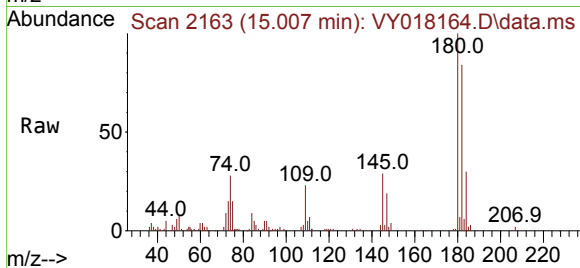
Tgt Ion:180 Resp: 23554

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 9.277 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

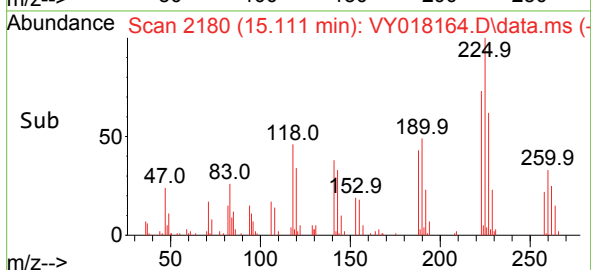
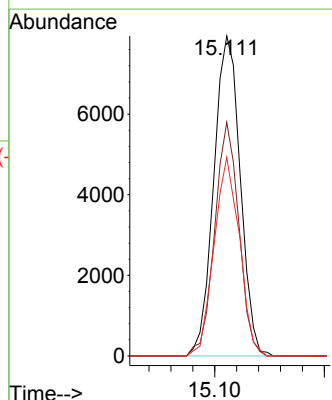
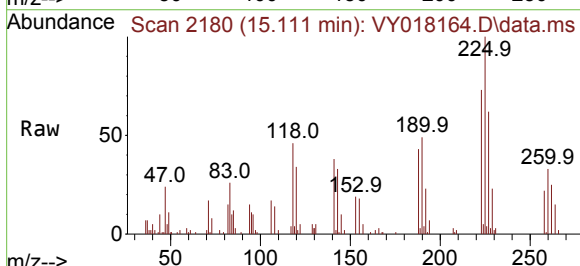
Tgt Ion:225 Resp: 13299

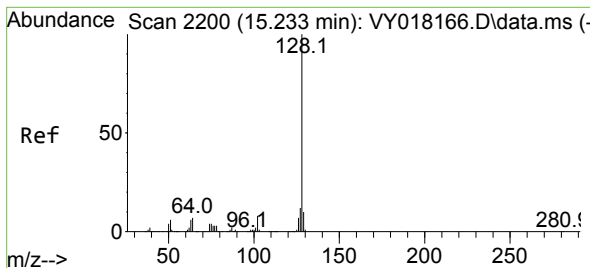
Ion Ratio Lower Upper

225 100

223 66.7 30.4 91.2

227 59.7 31.9 95.9





#95

Naphthalene

Concen: 8.999 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

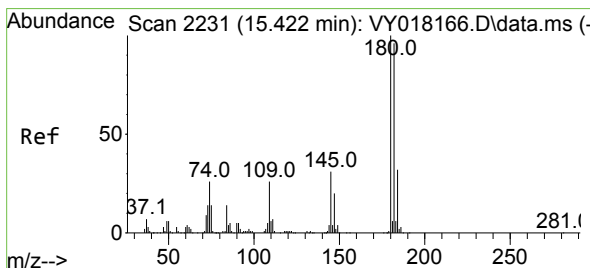
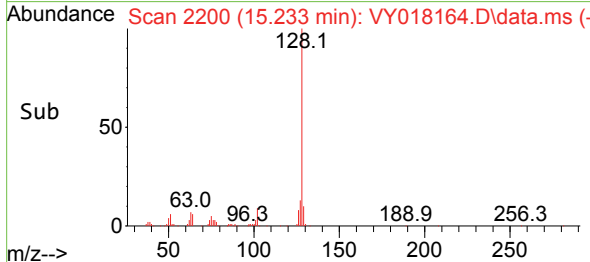
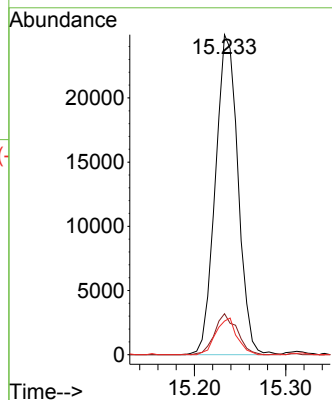
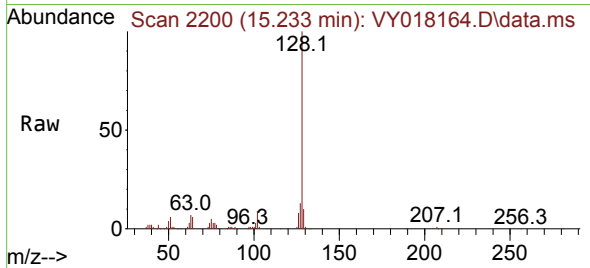
Tgt Ion:128 Resp: 42846

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.012 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018164.D

Acq: 07 May 2024 09:53

Tgt Ion:180 Resp: 19216

Ion Ratio Lower Upper

180 100

182 99.1 47.6 142.9

145 32.4 15.4 46.1

