

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017942.D
 Acq On : 16 Apr 2024 11:54
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 17 06:05:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	449344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	706406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	610064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	288273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68795	17.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.380%#
35) Dibromofluoromethane	7.716	113	79432	18.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.460%#
50) Toluene-d8	10.179	98	296543	17.932	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	35.860%#
62) 4-Bromofluorobenzene	12.483	95	90458	17.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	74592	20.925	ug/l	98
3) Chloromethane	2.107	50	120227	20.354	ug/l	98
4) Vinyl Chloride	2.247	62	132294	19.871	ug/l	100
5) Bromomethane	2.637	94	85992	19.405	ug/l	98
6) Chloroethane	2.790	64	83002	19.748	ug/l	99
7) Trichlorofluoromethane	3.119	101	150592	20.070	ug/l	95
8) Diethyl Ether	3.528	74	45322	19.115	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	92903	19.883	ug/l	99
10) Methyl Iodide	4.082	142	122641	19.729	ug/l	99
11) Tert butyl alcohol	4.966	59	29014	95.209	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	90492	19.950	ug/l	96
13) Acrolein	3.729	56	26488	87.465	ug/l	100
14) Allyl chloride	4.472	41	115306	19.643	ug/l	95
15) Acrylonitrile	5.161	53	92874	96.476	ug/l	99
16) Acetone	3.942	43	67494	87.846	ug/l	91
17) Carbon Disulfide	4.192	76	288623	20.002	ug/l	97
18) Methyl Acetate	4.472	43	38440	19.018	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	186779	18.894	ug/l	99
20) Methylene Chloride	4.710	84	100335	19.276	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	97174	19.556	ug/l	97
22) Diisopropyl ether	6.119	45	255559	19.859	ug/l	99
23) Vinyl Acetate	6.058	43	737353	96.627	ug/l	98
24) 1,1-Dichloroethane	6.015	63	163959	19.514	ug/l	98
25) 2-Butanone	6.984	43	105695	93.590	ug/l	95
26) 2,2-Dichloropropane	6.984	77	130934	19.424	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	110037	19.390	ug/l	98
28) Bromochloromethane	7.332	49	61026	18.464	ug/l	97
29) Tetrahydrofuran	7.350	42	68943	96.199	ug/l	96
30) Chloroform	7.509	83	167798	19.541	ug/l	98
31) Cyclohexane	7.789	56	148252	19.946	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	140425	19.634	ug/l	97
36) 1,1-Dichloropropene	7.917	75	126664	19.985	ug/l	99
37) Ethyl Acetate	7.076	43	51244	19.652	ug/l	98
38) Carbon Tetrachloride	7.899	117	126139	19.699	ug/l	96
39) Methylcyclohexane	9.185	83	163532	19.800	ug/l	96
40) Benzene	8.161	78	393536	19.823	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28166	17.114	ug/l	88
42) 1,2-Dichloroethane	8.234	62	89047	19.576	ug/l	99
43) Isopropyl Acetate	8.277	43	91400	18.804	ug/l	100
44) Trichloroethene	8.941	130	98493	19.524	ug/l	99
45) 1,2-Dichloropropane	9.216	63	89531	19.591	ug/l	99
46) Dibromomethane	9.307	93	48663	19.251	ug/l	98
47) Bromodichloromethane	9.496	83	122149	19.261	ug/l	97
48) Methyl methacrylate	9.295	41	43037	19.322	ug/l	97
49) 1,4-Dioxane	9.307	88	10497	363.755	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	243952	94.673	ug/l	99
52) Toluene	10.246	92	241214	19.801	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	111167	19.201	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	137426	19.322	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	66541	19.364	ug/l	97
56) Ethyl methacrylate	10.514	69	85085	18.993	ug/l	98
57) 1,3-Dichloropropane	10.788	76	113468	19.501	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	226569	97.299	ug/l	99
59) 2-Hexanone	10.831	43	167774	95.381	ug/l	99
60) Dibromochloromethane	10.990	129	83225	18.845	ug/l	100
61) 1,2-Dibromoethane	11.087	107	61839	19.310	ug/l	99
64) Tetrachloroethene	10.721	164	86837	19.870	ug/l	97
65) Chlorobenzene	11.520	112	265108	19.828	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	86092	19.527	ug/l	99
67) Ethyl Benzene	11.593	91	443601	19.704	ug/l	99
68) m/p-Xylenes	11.703	106	346041	40.020	ug/l	99
69) o-Xylene	12.032	106	159601	19.765	ug/l	99
70) Styrene	12.044	104	267668	19.613	ug/l	99
71) Bromoform	12.209	173	48169	18.910	ug/l #	98
73) Isopropylbenzene	12.331	105	416108	19.810	ug/l	99
74) N-amyl acetate	12.142	43	80488	18.982	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	76699	19.578	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	90188	33.424	ug/l #	100
77) Bromobenzene	12.611	156	97579	19.196	ug/l	98
78) n-propylbenzene	12.672	91	512628	20.114	ug/l	100
79) 2-Chlorotoluene	12.758	91	282978	19.837	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	334986	20.112	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24938	19.008	ug/l	99
82) 4-Chlorotoluene	12.855	91	295133	19.976	ug/l	99
83) tert-Butylbenzene	13.075	119	299298	19.674	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	329486	19.864	ug/l	100
85) sec-Butylbenzene	13.251	105	452884	19.820	ug/l	99
86) p-Isopropyltoluene	13.367	119	374676	19.956	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	195525	19.386	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	192156	19.408	ug/l	98
89) n-Butylbenzene	13.696	91	349623	19.793	ug/l	99
90) Hexachloroethane	13.959	117	75958	19.729	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	169433	19.472	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9531	18.914	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	93348	18.422	ug/l	99
94) Hexachlorobutadiene	15.111	225	57782	19.222	ug/l	99
95) Naphthalene	15.233	128	150684	18.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	79530	18.705	ug/l	99

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QLast Update : Wed Apr 17 06:02:45 2024
Response via : Initial Calibration

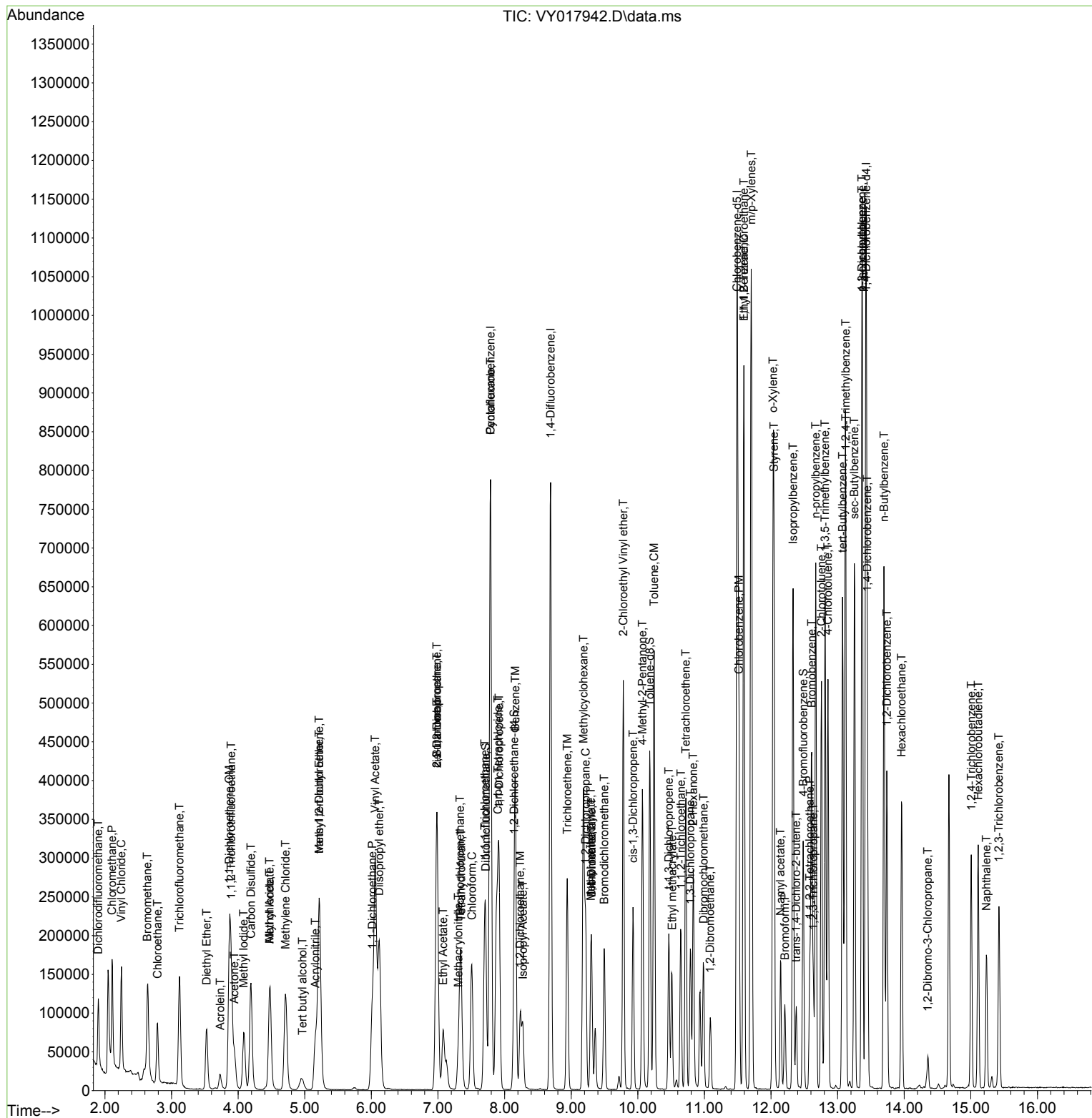
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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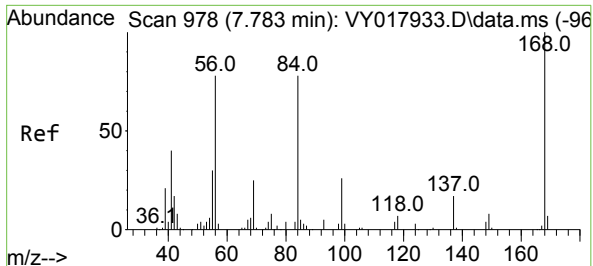
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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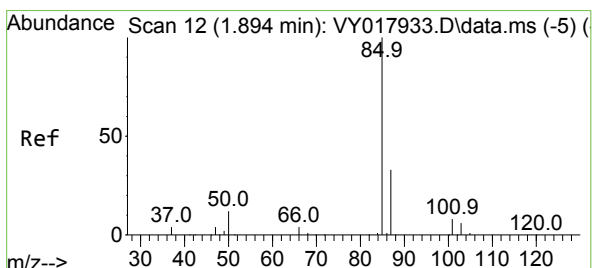
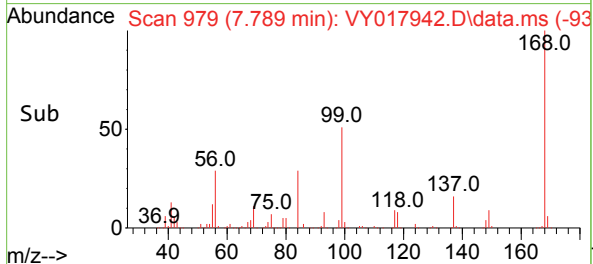
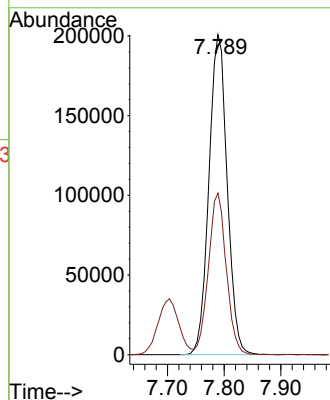
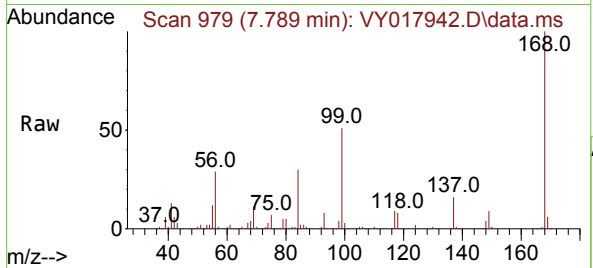




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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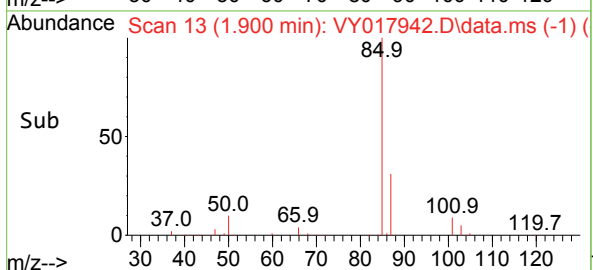
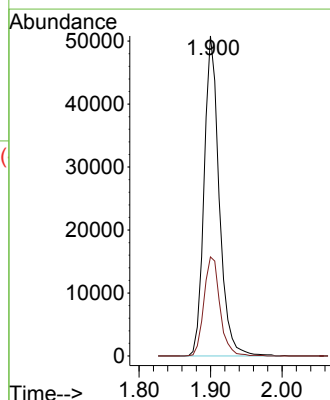
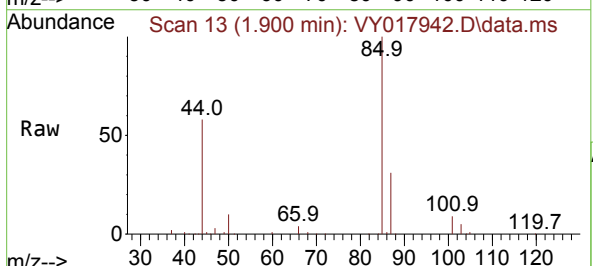
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

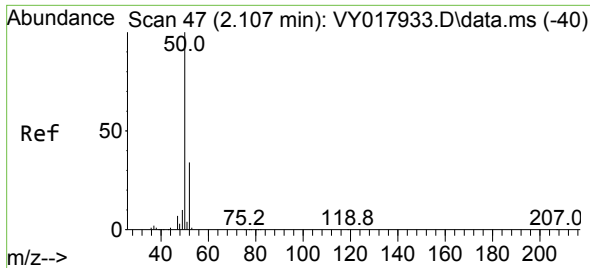
Tgt Ion:168 Resp: 449344
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.925 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 85 Resp: 74592
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0

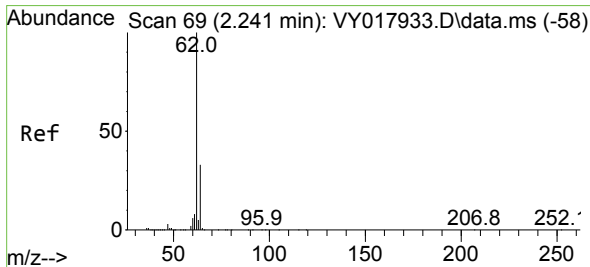
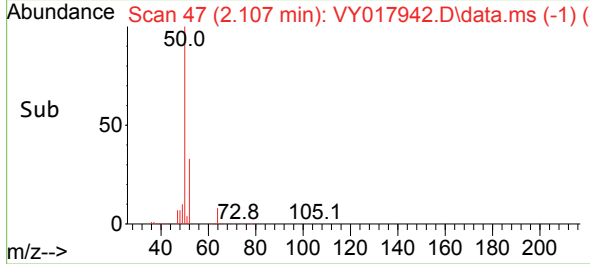
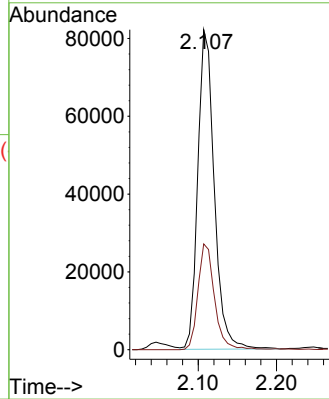
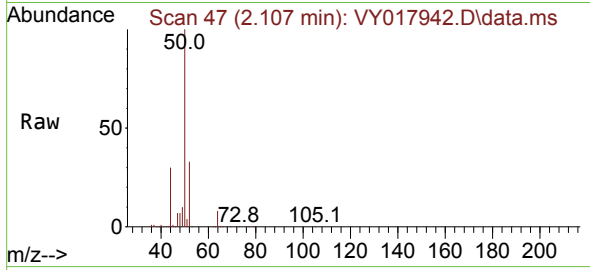




#3
Chloromethane
Concen: 20.354 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

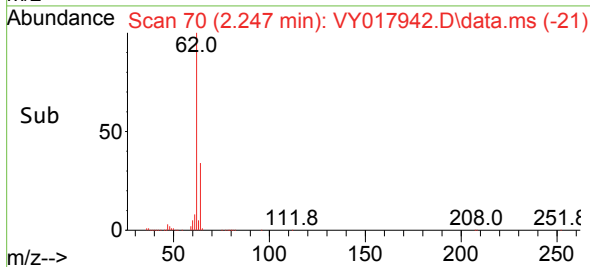
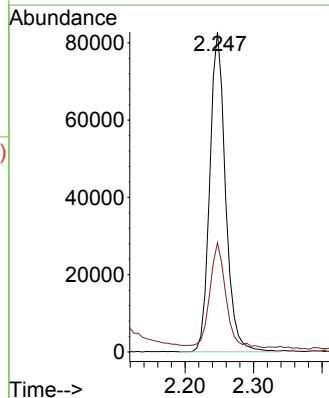
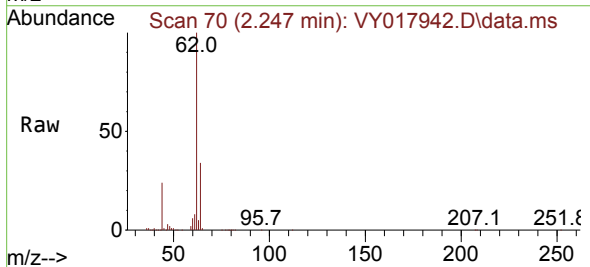
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ClientSampleId :
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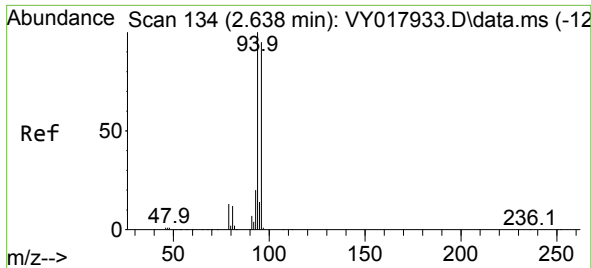
Tgt Ion: 50 Resp: 120227
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 19.871 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 62 Resp: 132294
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

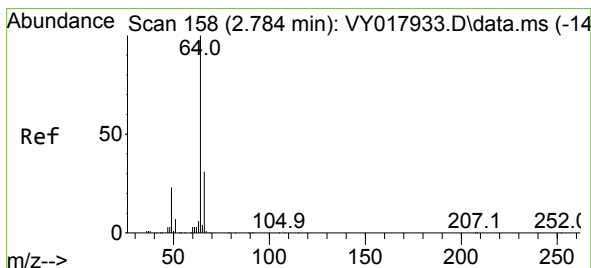
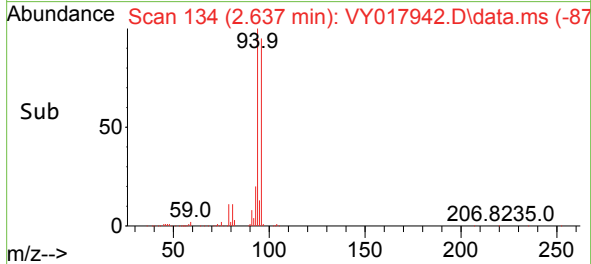
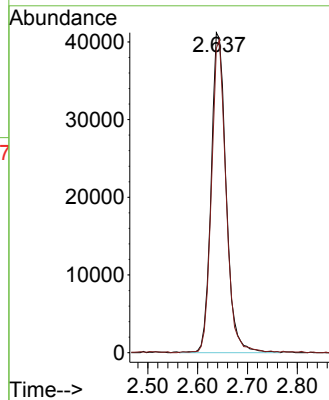
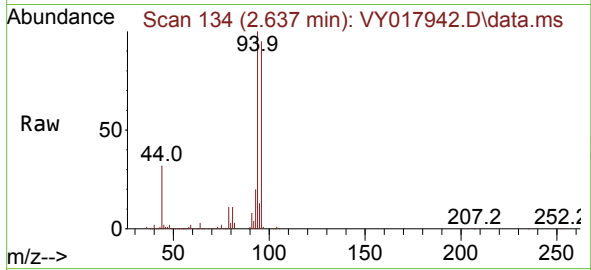




#5
Bromomethane
Concen: 19.405 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017942.D
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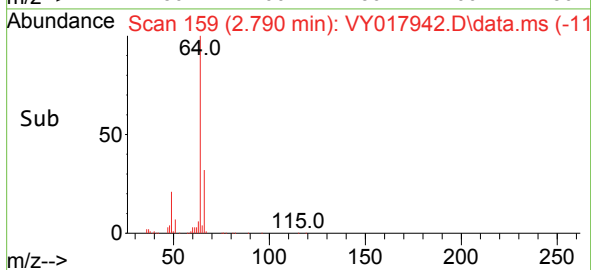
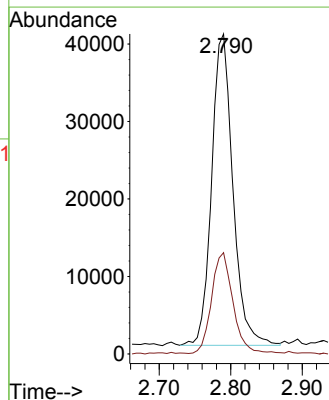
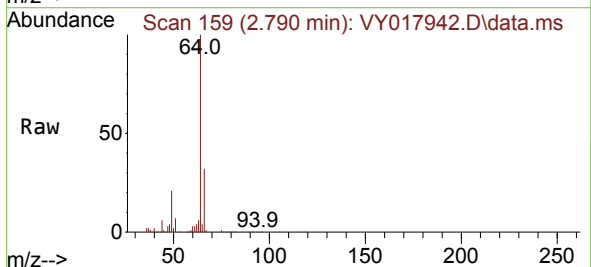
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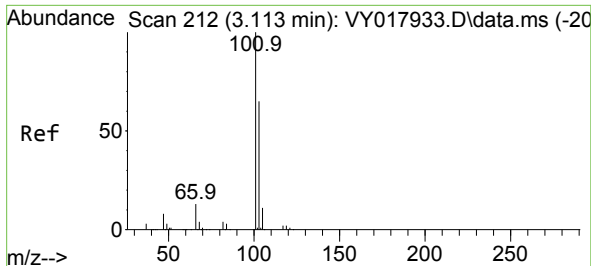
Tgt Ion: 94 Resp: 85992
Ion Ratio Lower Upper
94 100
96 95.0 74.1 111.1



#6
Chloroethane
Concen: 19.748 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 64 Resp: 83002
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

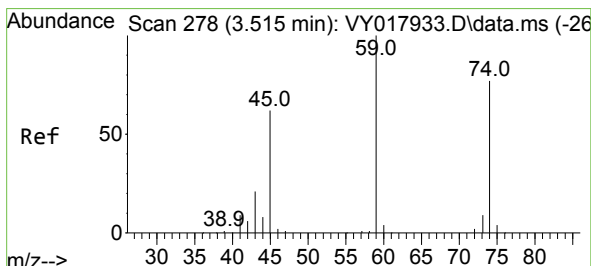
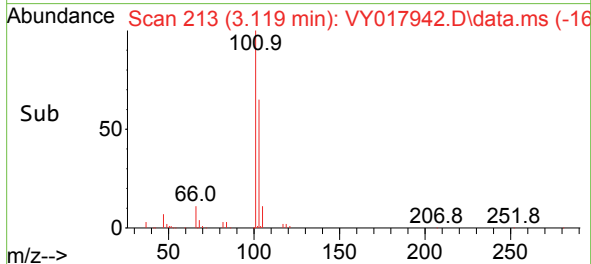
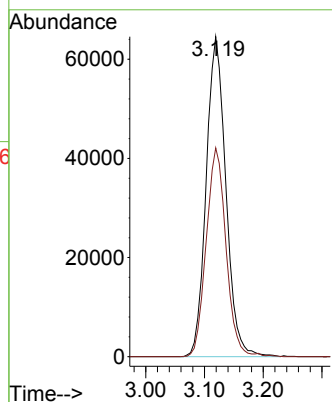
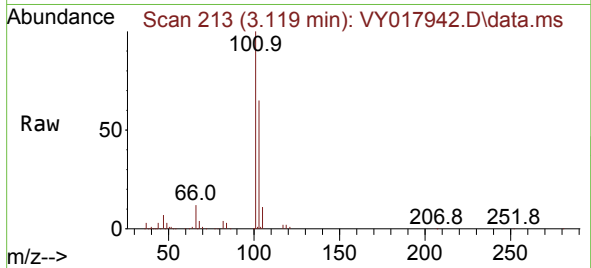




#7
Trichlorofluoromethane
Concen: 20.070 ug/l
RT: 3.119 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

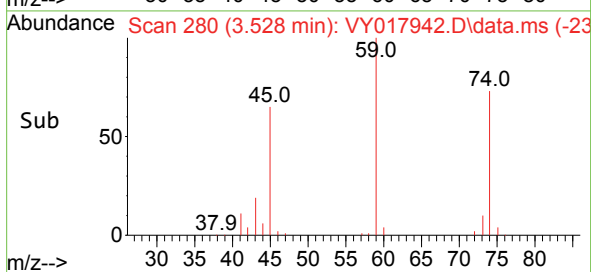
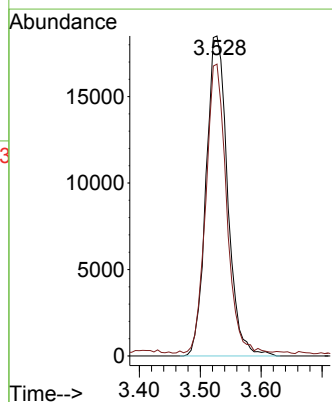
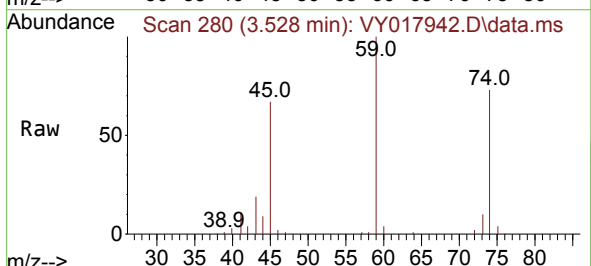
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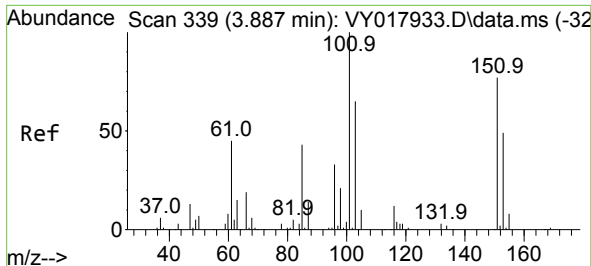
Tgt Ion:101 Resp: 150592
Ion Ratio Lower Upper
101 100
103 65.3 49.3 73.9



#8
Diethyl Ether
Concen: 19.115 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 45322
Ion Ratio Lower Upper
74 100
45 87.1 41.3 124.1

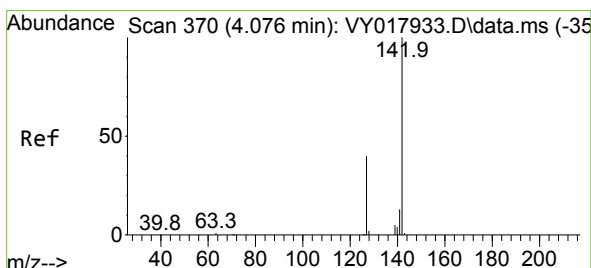
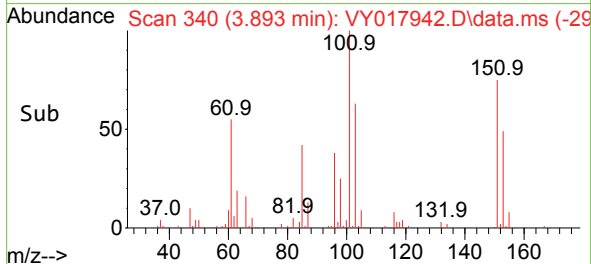
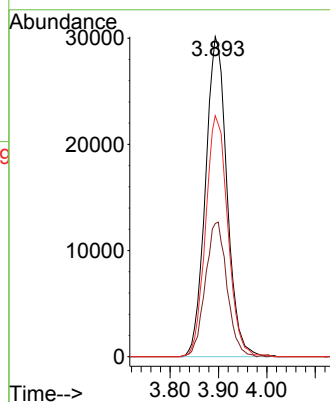
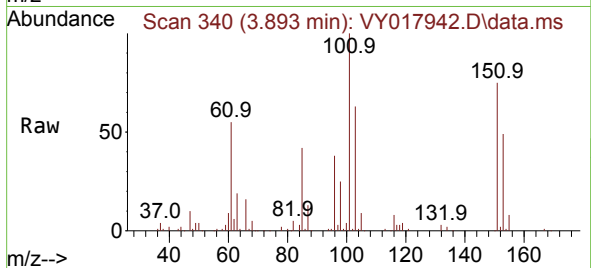




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.883 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

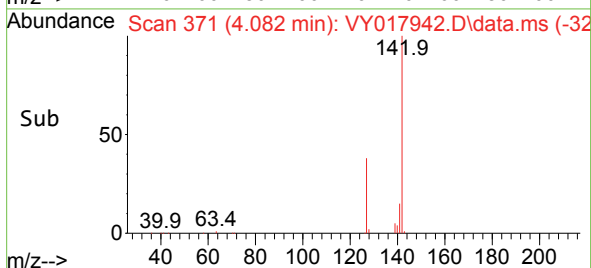
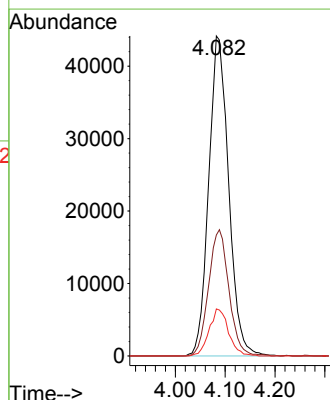
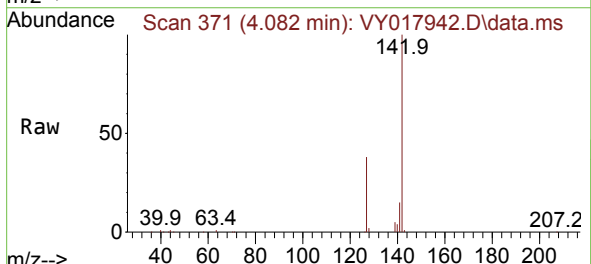
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

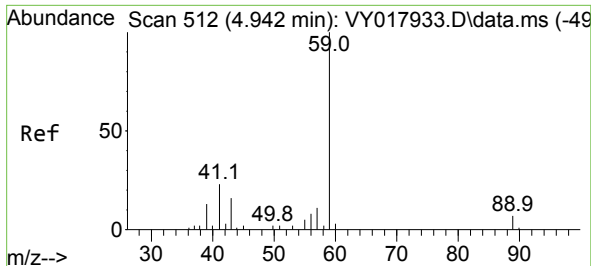
Tgt Ion:101 Resp: 92903
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 77.6 61.7 92.5



#10
Methyl Iodide
Concen: 19.729 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion:142 Resp: 122641
Ion Ratio Lower Upper
142 100
127 40.4 32.8 49.2
141 14.4 11.4 17.2

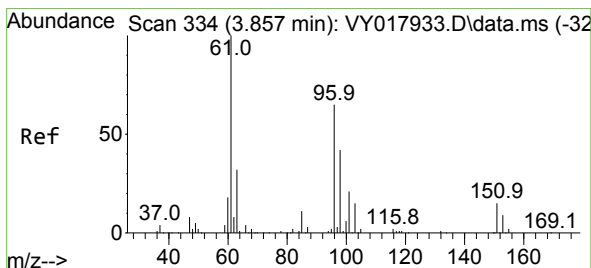
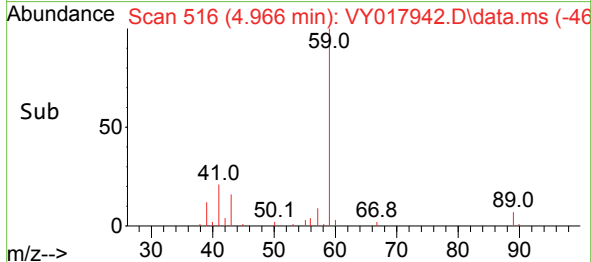
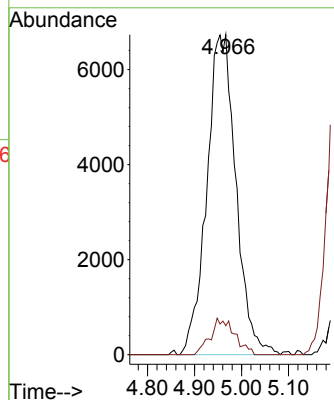
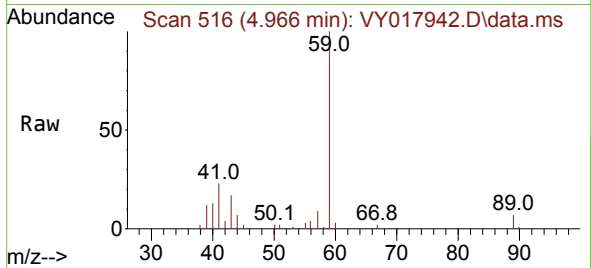




#11
Tert butyl alcohol
Concen: 95.209 ug/l
RT: 4.966 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

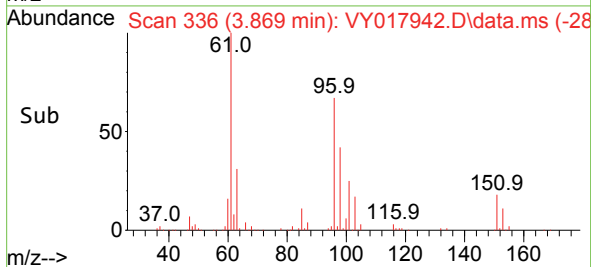
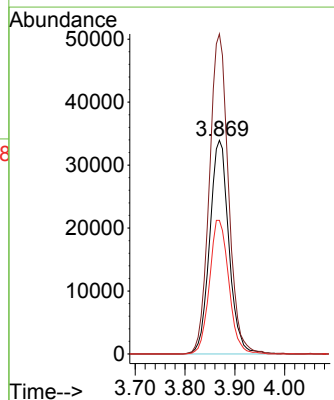
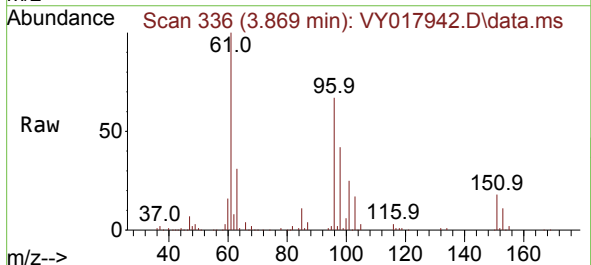
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

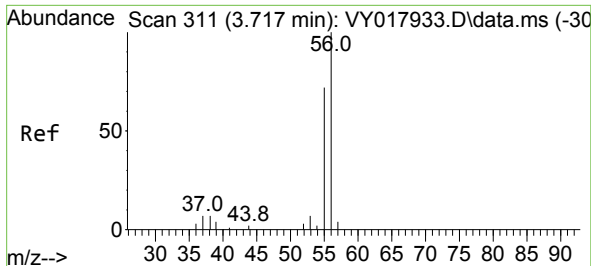
Tgt Ion: 59 Resp: 29014
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.950 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 96 Resp: 90492
Ion Ratio Lower Upper
96 100
61 149.8 114.6 171.8
98 62.5 50.8 76.2





#13

Acrolein

Concen: 87.465 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

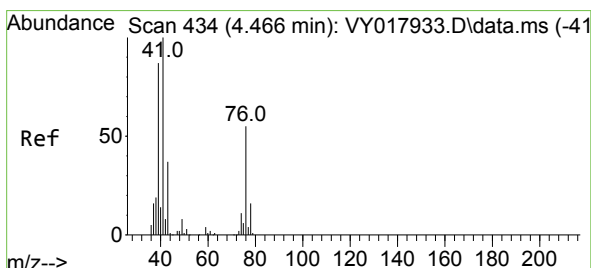
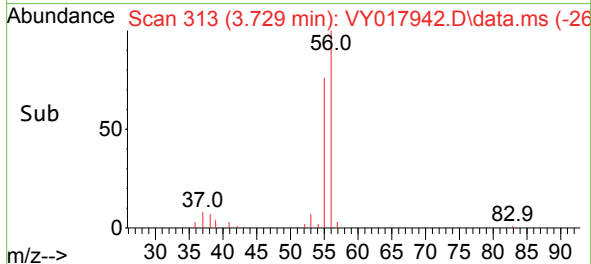
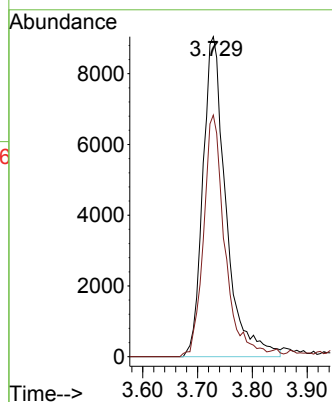
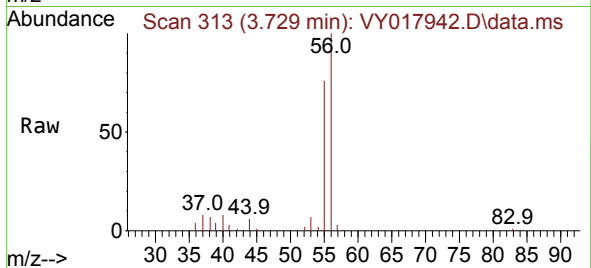
VSTDICC020

Tgt Ion: 56 Resp: 26488

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



#14

Allyl chloride

Concen: 19.643 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

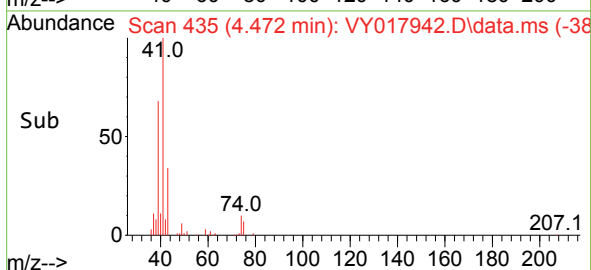
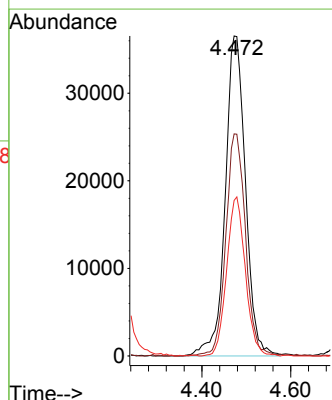
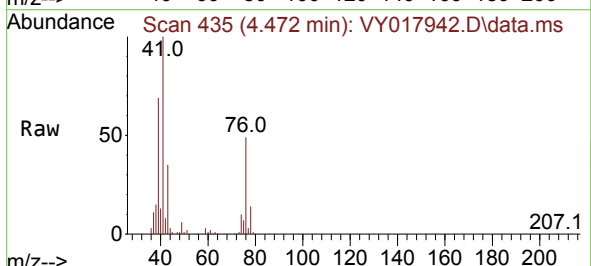
Tgt Ion: 41 Resp: 115306

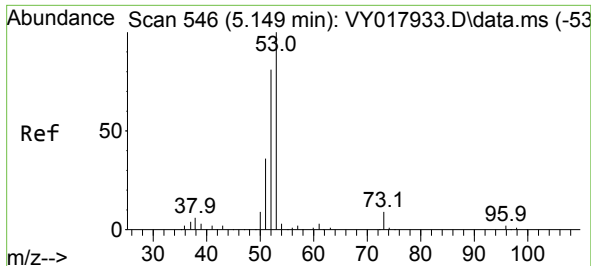
Ion Ratio Lower Upper

41 100

39 67.7 58.3 87.5

76 46.0 39.0 58.6

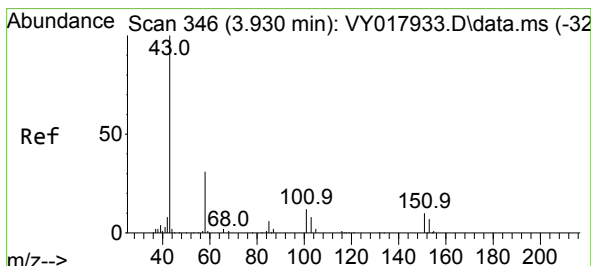
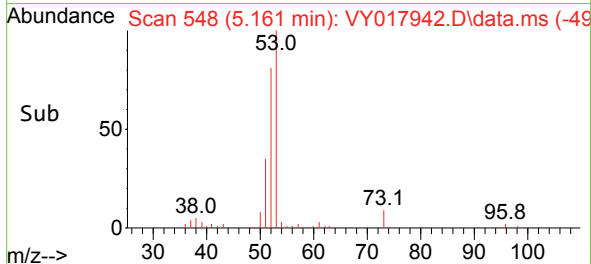
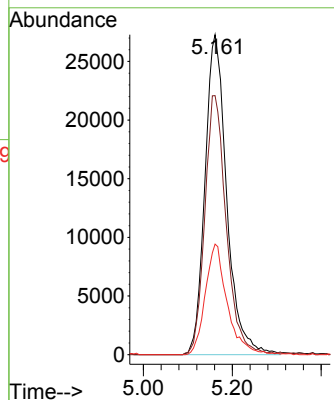
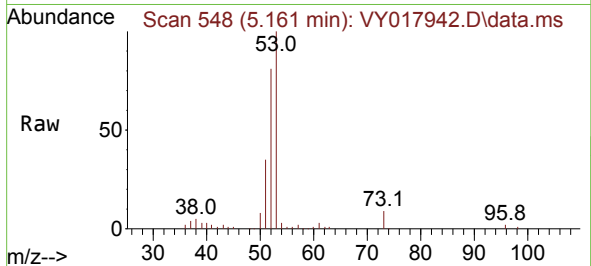




#15
Acrylonitrile
Concen: 96.476 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

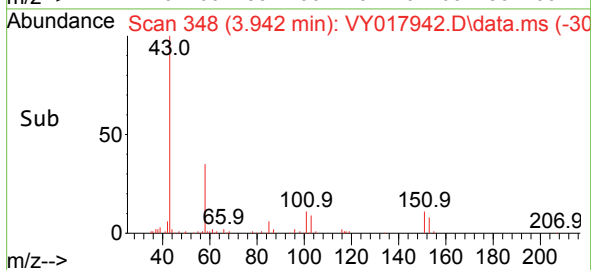
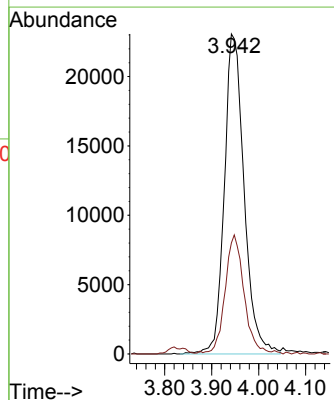
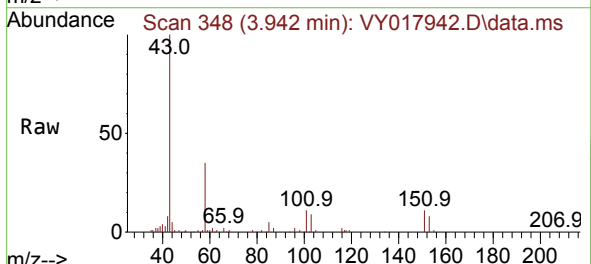
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

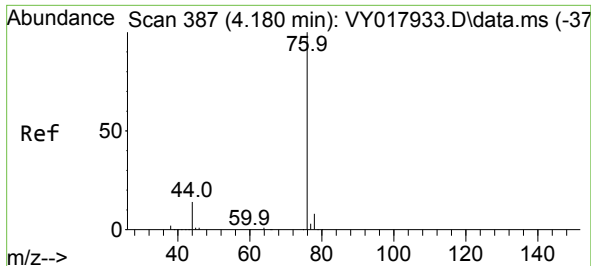
Tgt Ion: 53 Resp: 92874
Ion Ratio Lower Upper
53 100
52 79.9 64.7 97.1
51 35.0 28.4 42.6



#16
Acetone
Concen: 87.846 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 43 Resp: 67494
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5





#17

Carbon Disulfide

Concen: 20.002 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

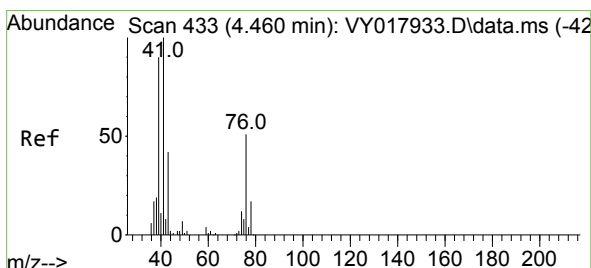
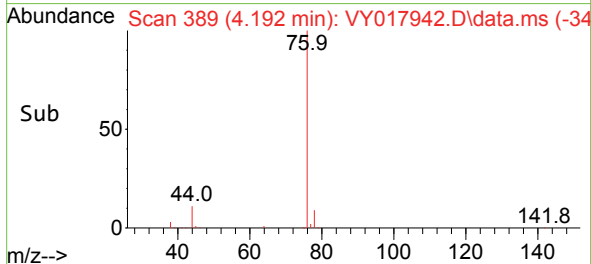
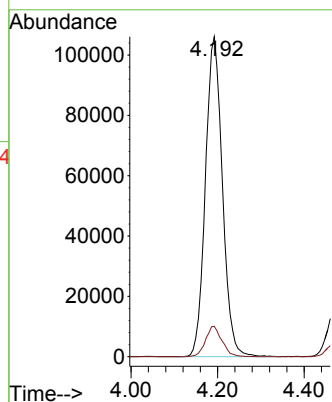
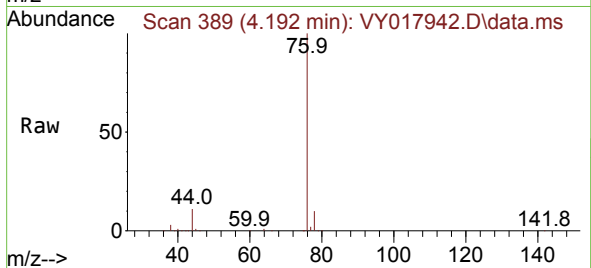
VSTDICC020

Tgt Ion: 76 Resp: 288623

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 19.018 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017942.D

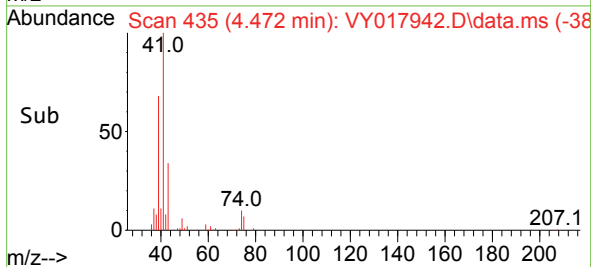
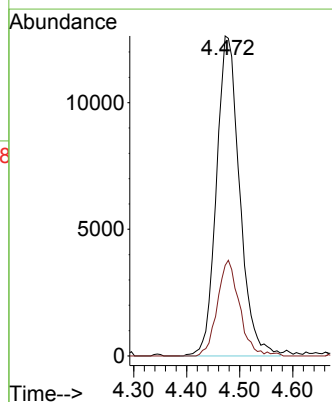
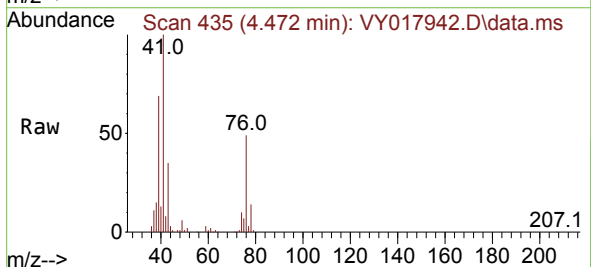
Acq: 16 Apr 2024 11:54

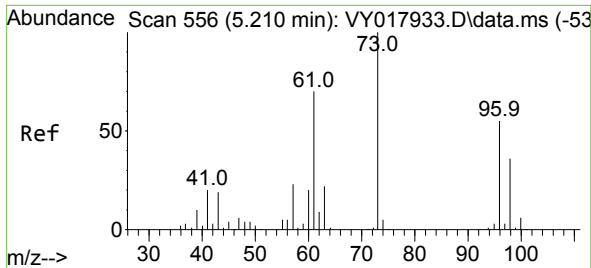
Tgt Ion: 43 Resp: 38440

Ion Ratio Lower Upper

43 100

74 28.7 23.3 34.9

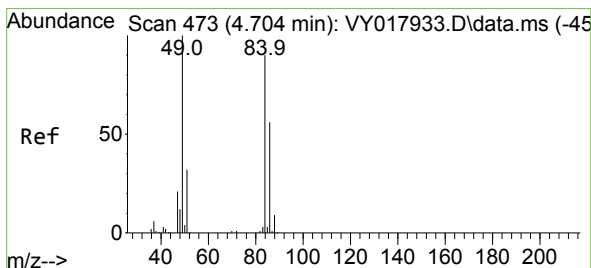
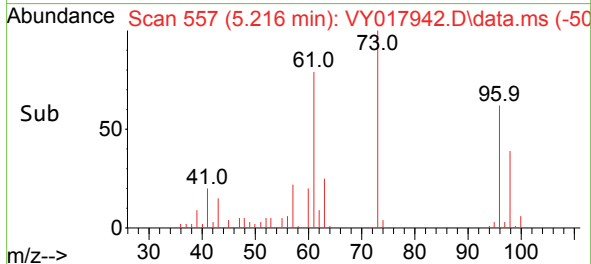
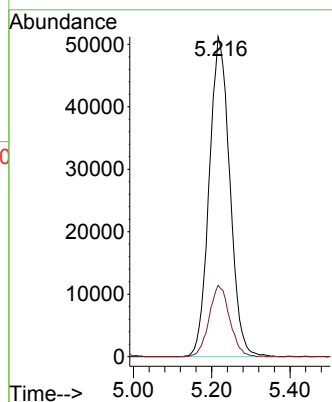
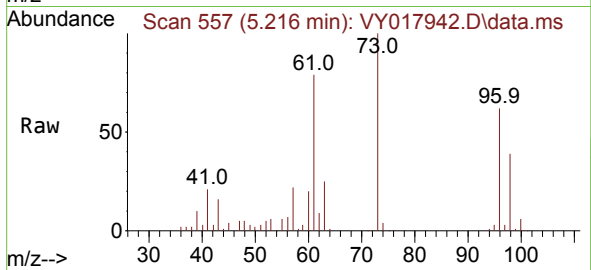




#19
Methyl tert-butyl Ether
Concen: 18.894 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

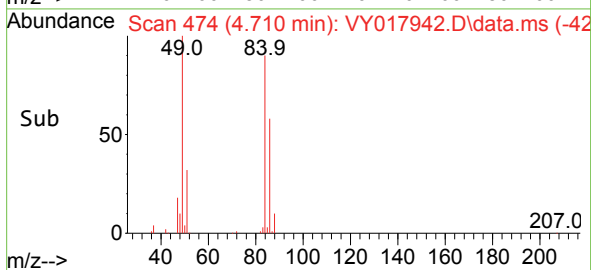
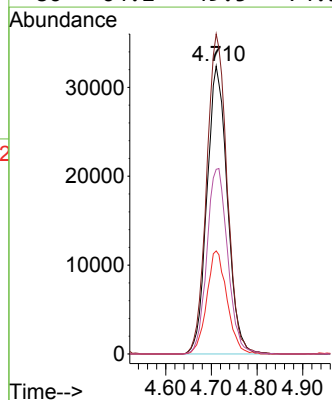
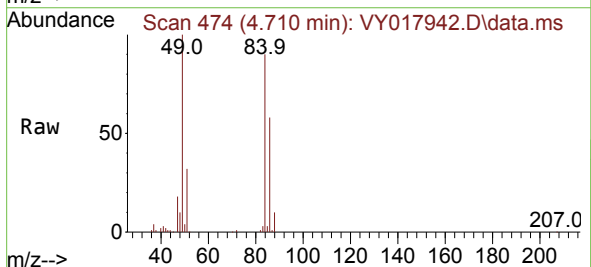
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

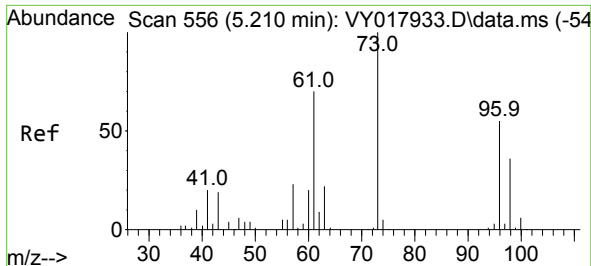
Tgt Ion: 73 Resp: 186779
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 19.276 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 84 Resp: 100335
Ion Ratio Lower Upper
84 100
49 111.2 84.4 126.6
51 35.8 26.0 39.0
86 64.2 49.5 74.3

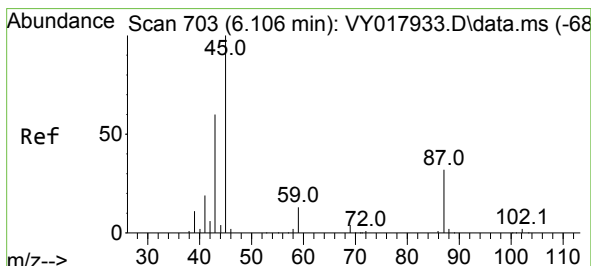
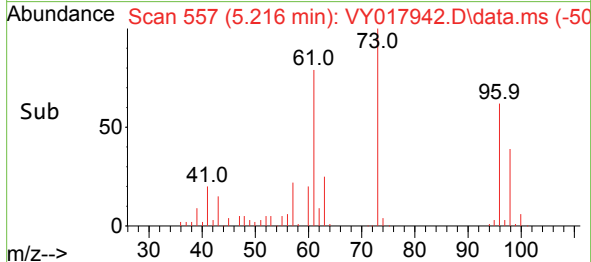
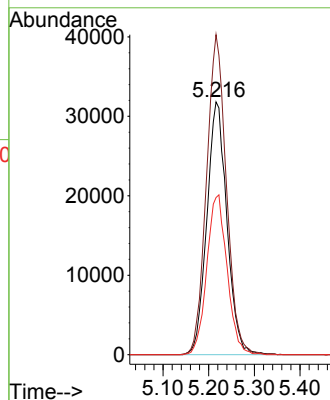
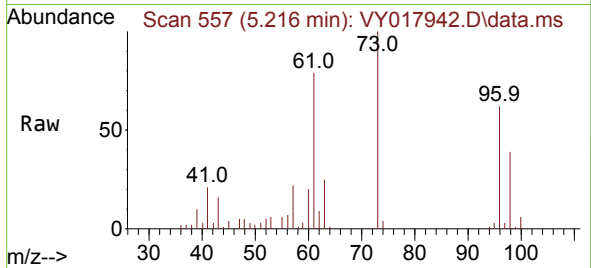




#21
trans-1,2-Dichloroethene
Concen: 19.556 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

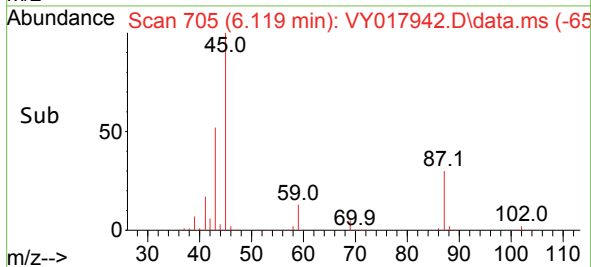
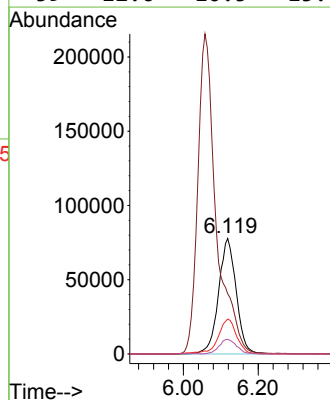
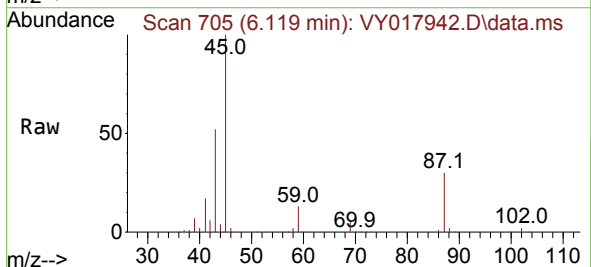
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

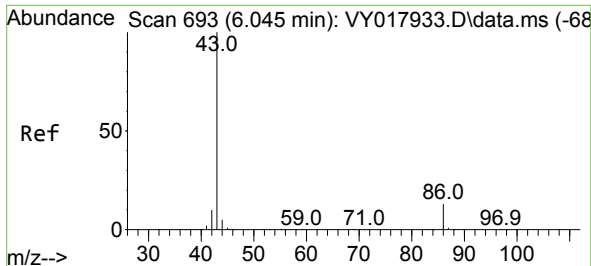
Tgt Ion: 96 Resp: 97174
Ion Ratio Lower Upper
96 100
61 126.6 97.5 146.3
98 62.1 50.5 75.7



#22
Diisopropyl ether
Concen: 19.859 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 45 Resp: 255559
Ion Ratio Lower Upper
45 100
43 51.8 42.2 63.2
87 30.2 25.0 37.6
59 12.6 10.5 15.7

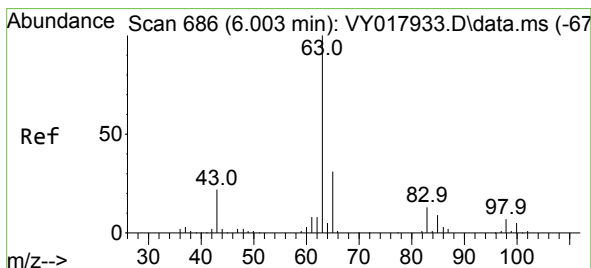
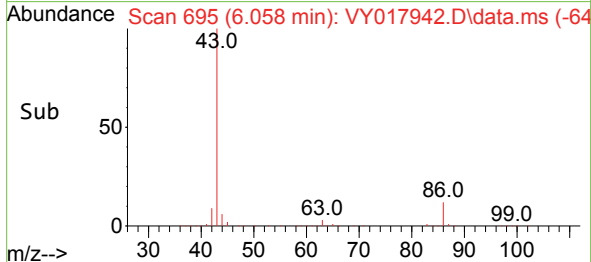
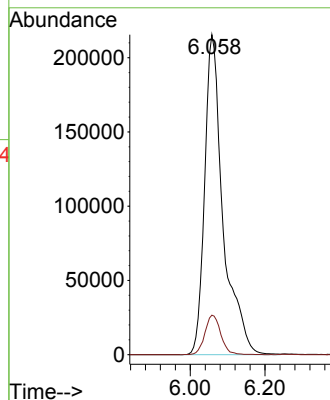
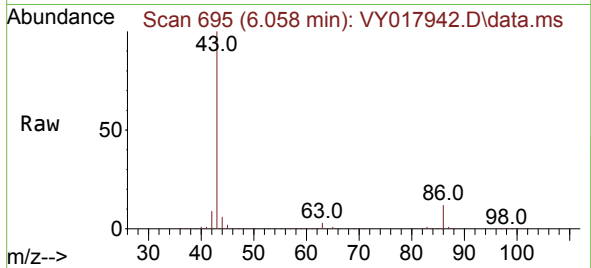




#23
 Vinyl Acetate
 Concen: 96.627 ug/l
 RT: 6.058 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY017942.D
 Acq: 16 Apr 2024 11:54

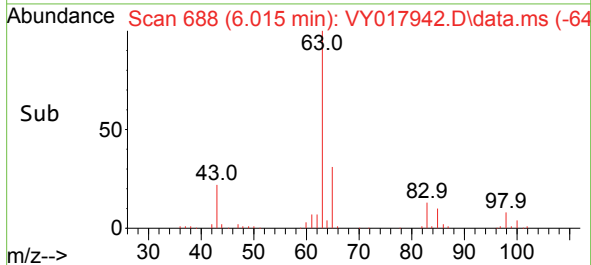
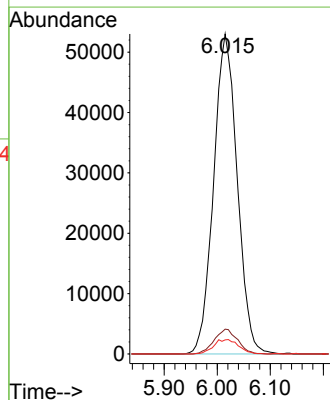
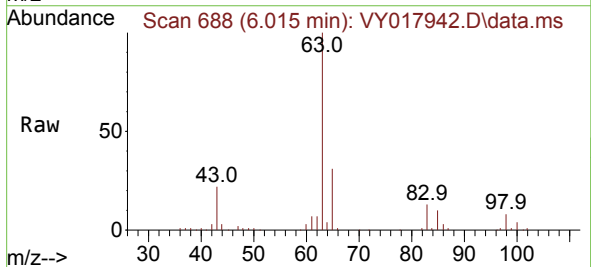
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

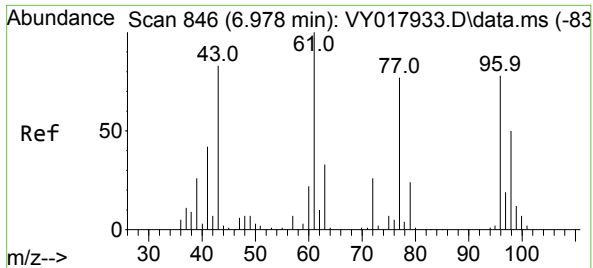
Tgt Ion: 43 Resp: 737353
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.514 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY017942.D
 Acq: 16 Apr 2024 11:54

Tgt Ion: 63 Resp: 163959
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 93.590 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

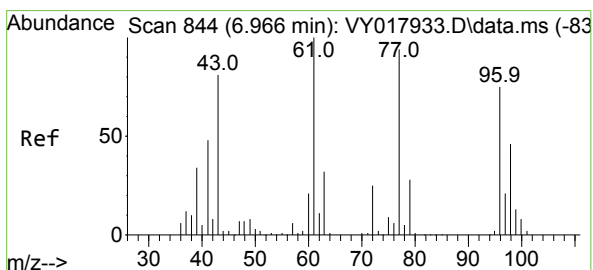
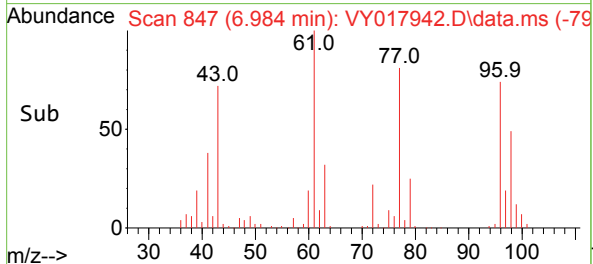
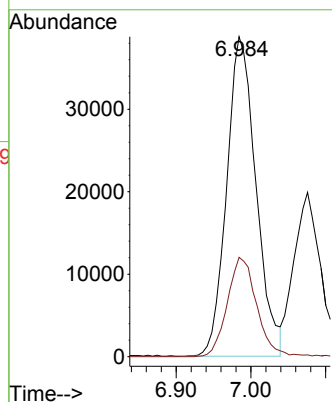
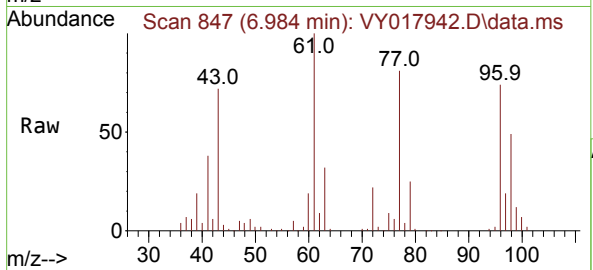
VSTDICC020

Tgt Ion: 43 Resp: 105695

Ion Ratio Lower Upper

43 100

72 31.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.424 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017942.D

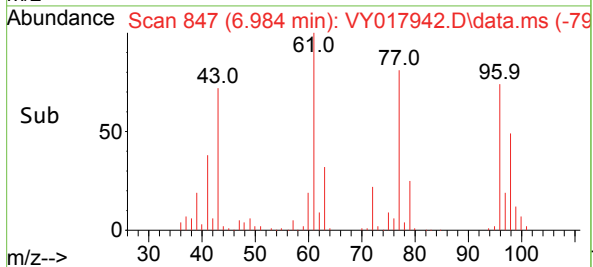
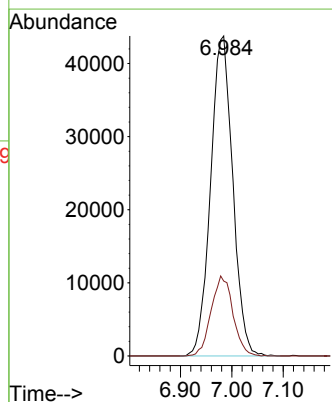
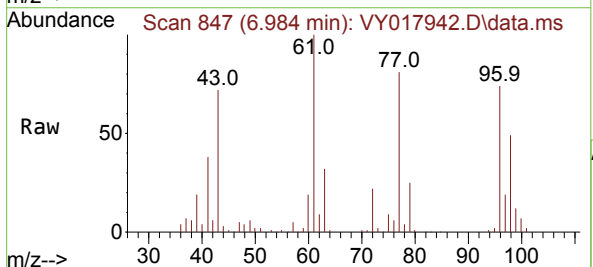
Acq: 16 Apr 2024 11:54

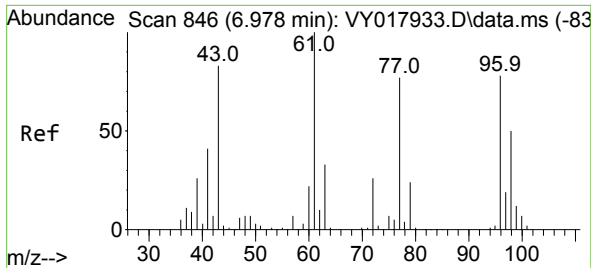
Tgt Ion: 77 Resp: 130934

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1



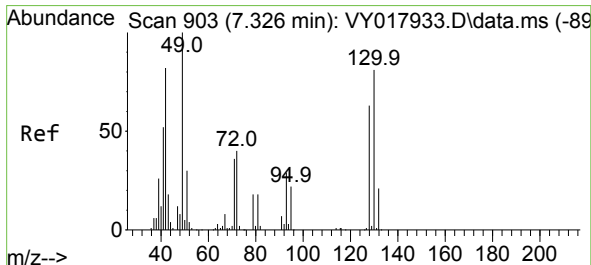
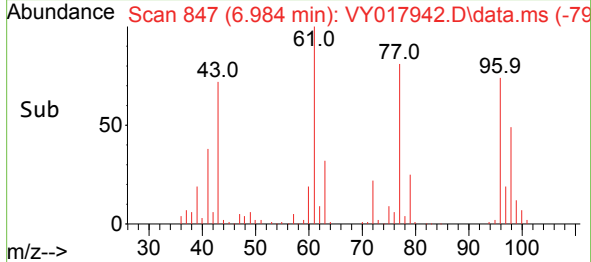
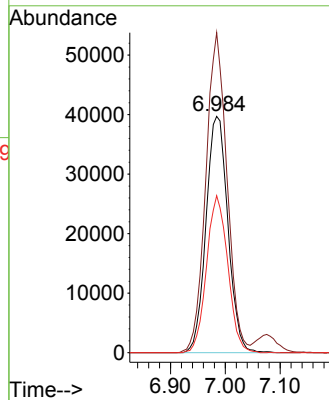
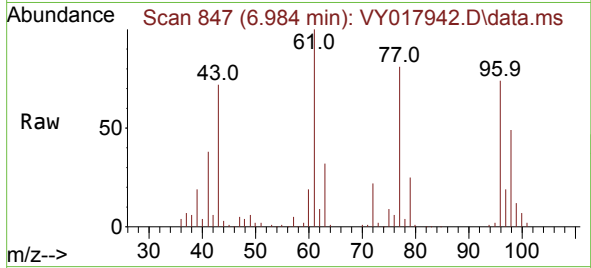


#27
 cis-1,2-Dichloroethene
 Concen: 19.390 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY017942.D
 Acq: 16 Apr 2024 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 110037

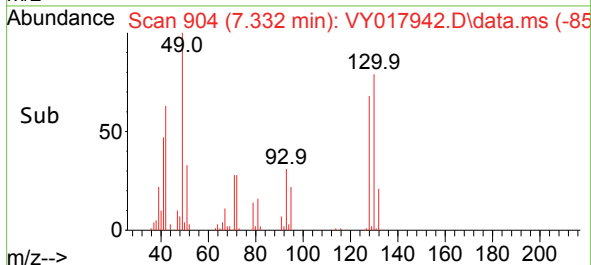
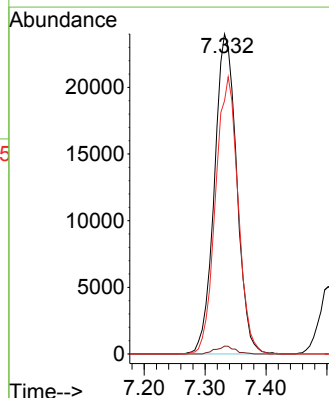
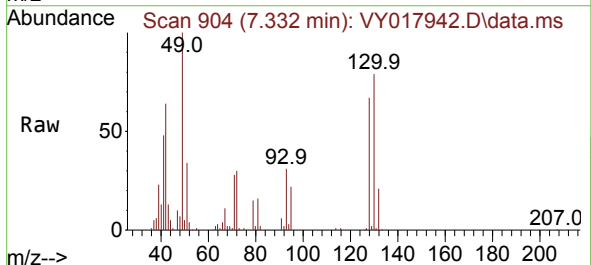
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	256.2
98	64.5	0.0	130.0

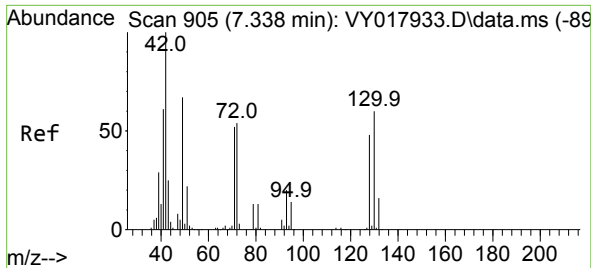


#28
 Bromochloromethane
 Concen: 18.464 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY017942.D
 Acq: 16 Apr 2024 11:54

Tgt Ion: 49 Resp: 61026

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	87.5	72.7	109.1

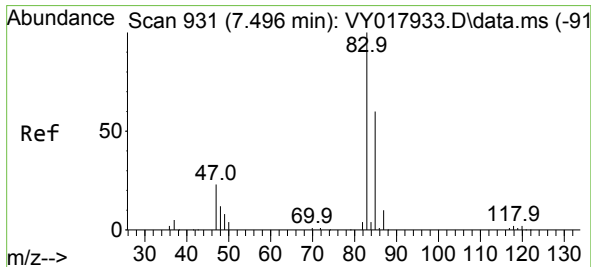
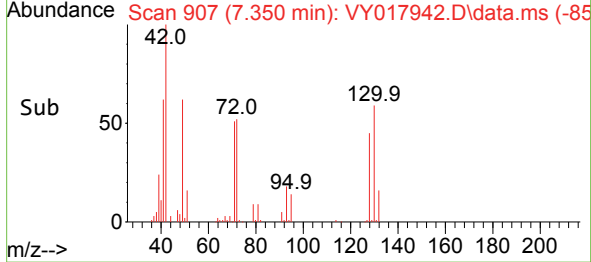
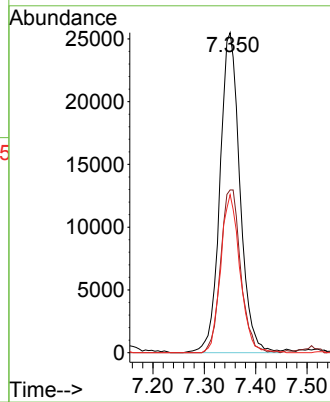
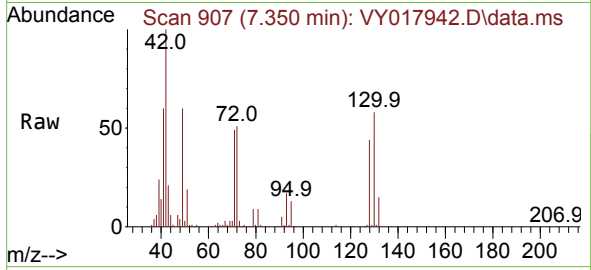




#29
Tetrahydrofuran
Concen: 96.199 ug/l
RT: 7.350 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

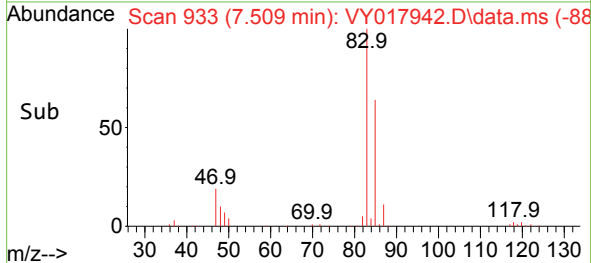
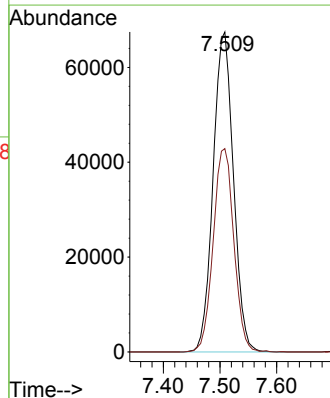
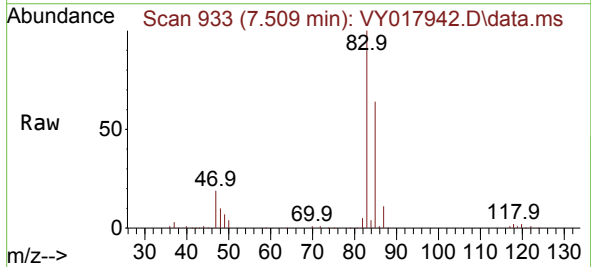
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

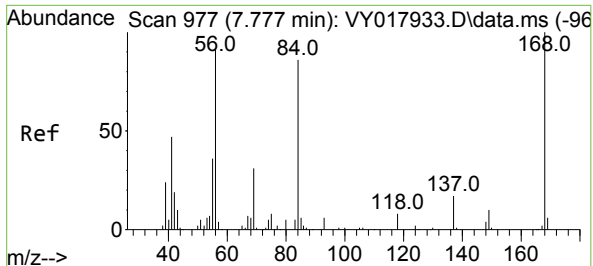
Tgt Ion: 42 Resp: 68943
Ion Ratio Lower Upper
42 100
72 51.2 43.0 64.4
71 47.8 40.8 61.2



#30
Chloroform
Concen: 19.541 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 83 Resp: 167798
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4





#31

Cyclohexane

Concen: 19.946 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

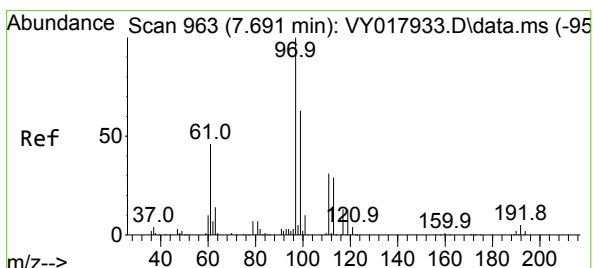
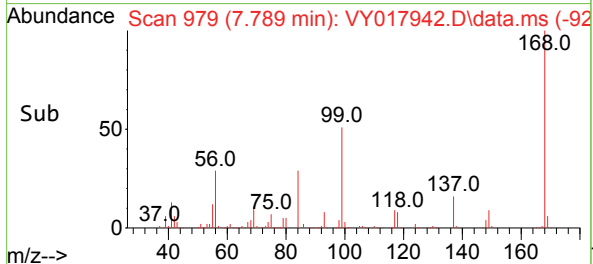
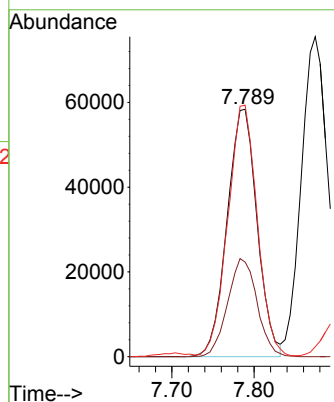
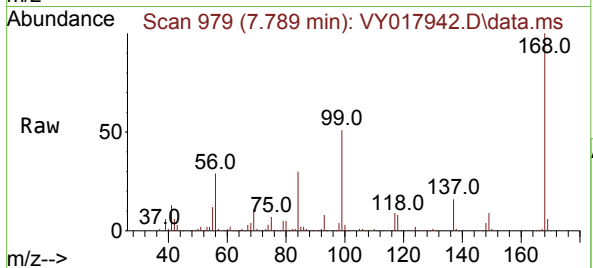
Tgt Ion: 56 Resp: 148252

Ion Ratio Lower Upper

56 100

69 38.2 28.7 43.1

84 100.5 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 19.634 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

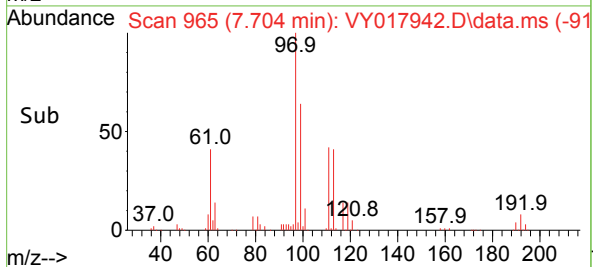
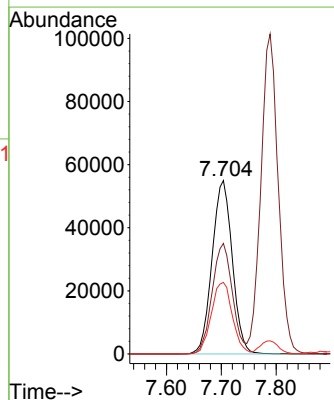
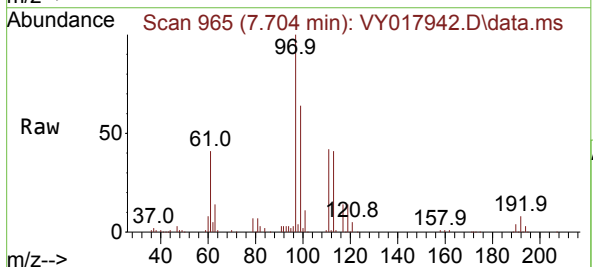
Tgt Ion: 97 Resp: 140425

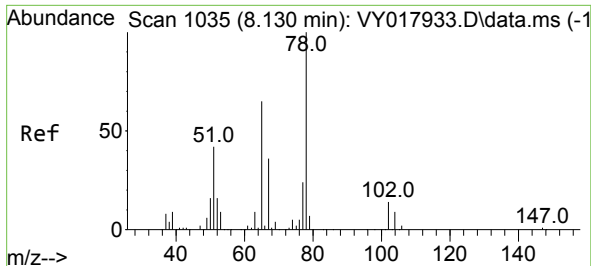
Ion Ratio Lower Upper

97 100

99 64.4 50.3 75.5

61 43.0 32.6 48.8

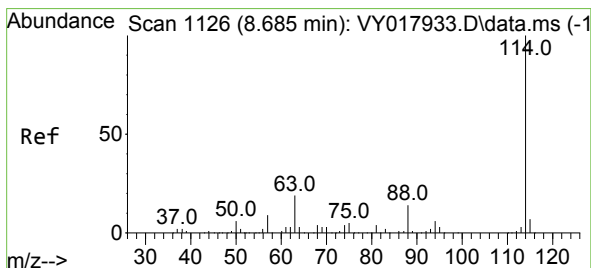
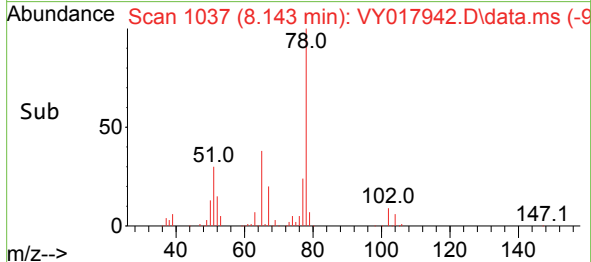
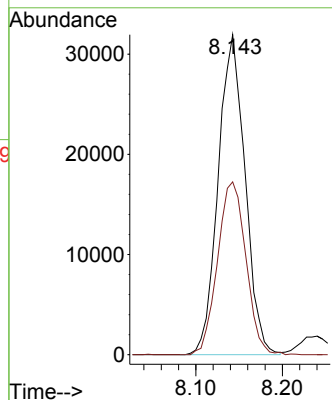
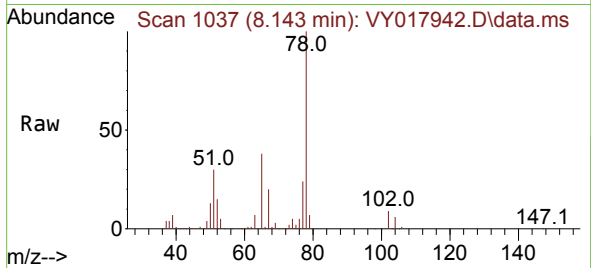




#33
1,2-Dichloroethane-d4
Concen: 17.692 ug/l
RT: 8.143 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

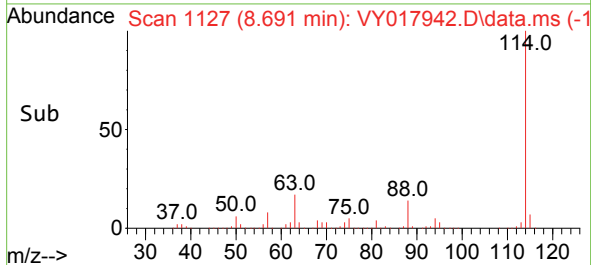
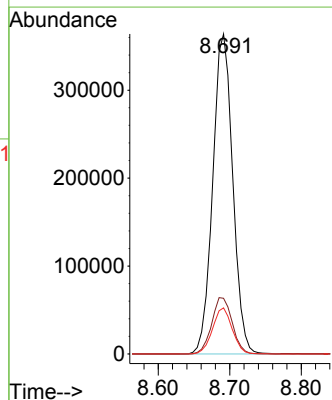
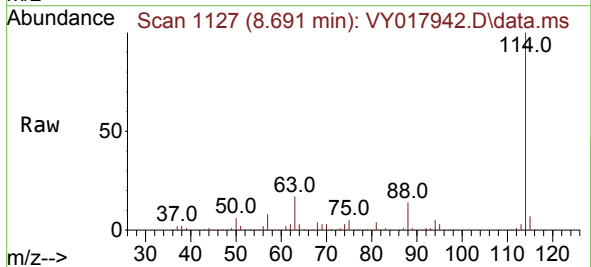
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

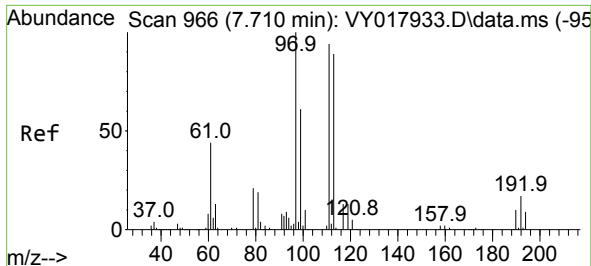
Tgt Ion: 65 Resp: 68795
Ion Ratio Lower Upper
65 100
67 57.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion:114 Resp: 706406
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.4 0.0 27.2

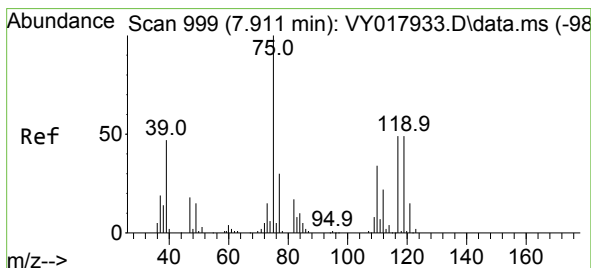
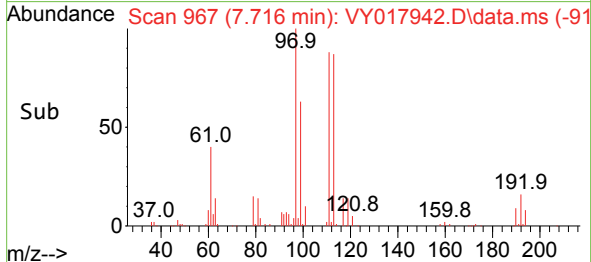
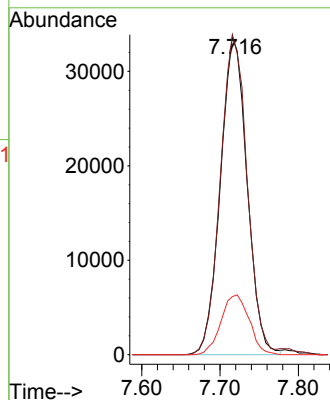
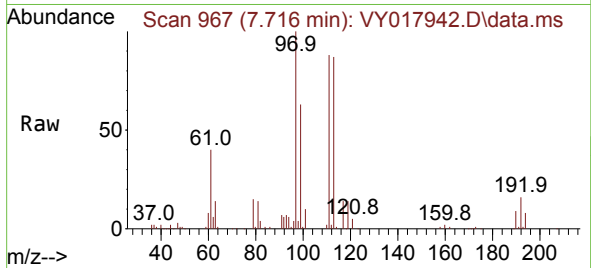




#35
Dibromofluoromethane
Concen: 18.226 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

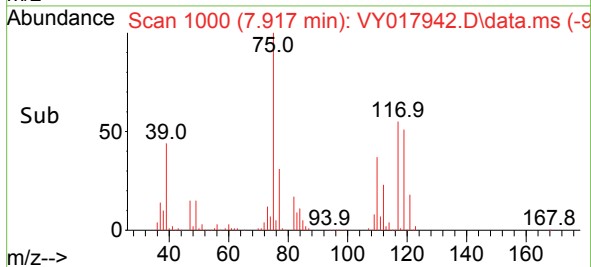
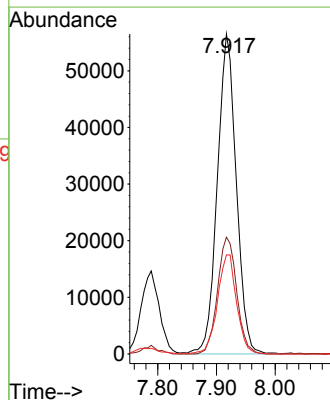
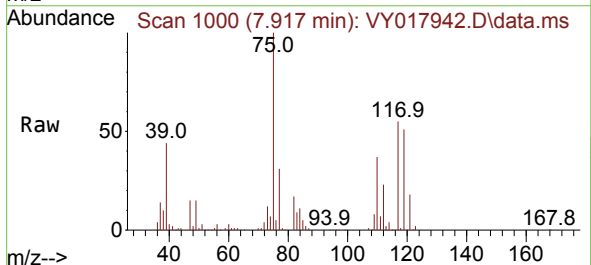
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

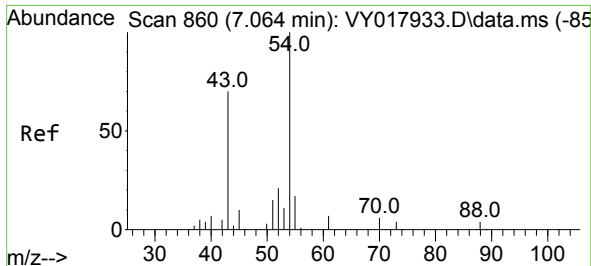
Tgt Ion:113 Resp: 79432
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.985 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 75 Resp: 126664
Ion Ratio Lower Upper
75 100
110 36.8 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 19.652 ug/l

RT: 7.076 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

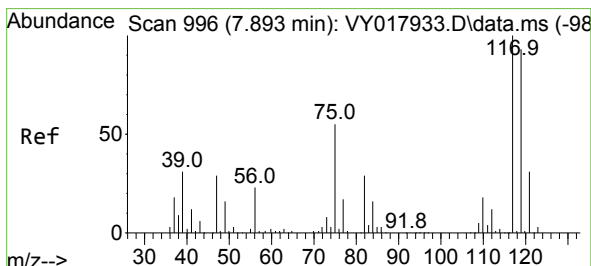
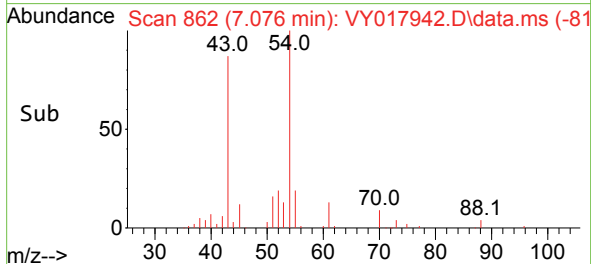
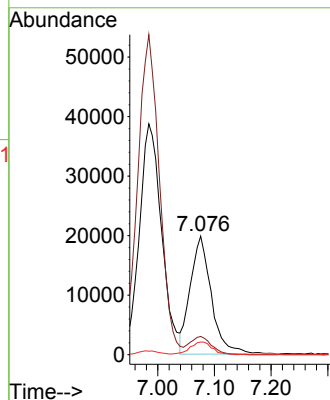
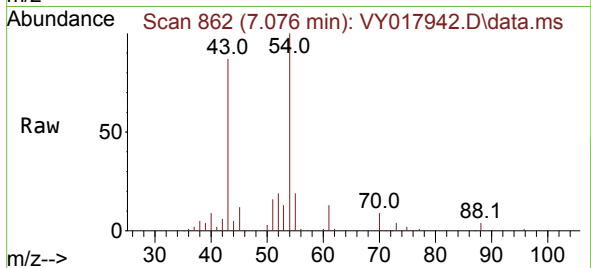
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43	Resp: 51244
Ion Ratio	Lower Upper
43	100
61	15.9 12.6 19.0
70	11.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.699 ug/l

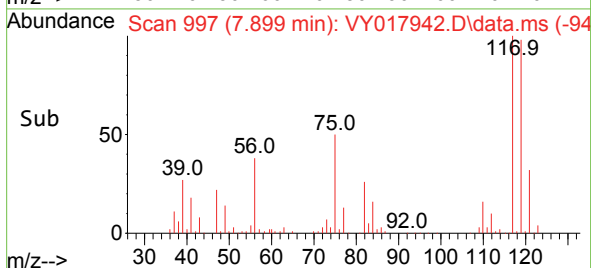
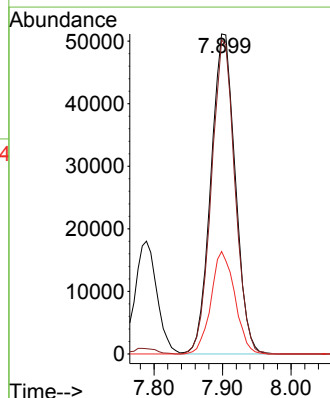
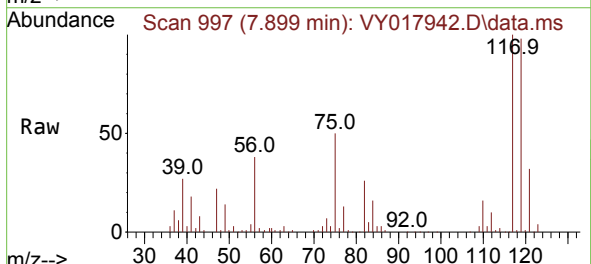
RT: 7.899 min Scan# 997

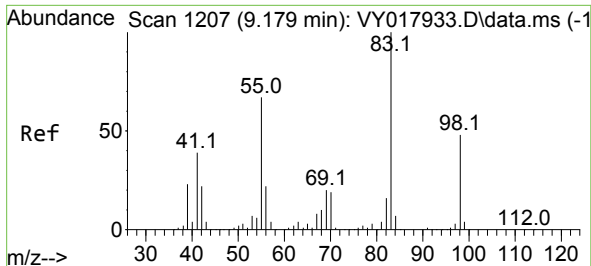
Delta R.T. -0.006 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Tgt Ion: 117	Resp: 126139
Ion Ratio	Lower Upper
117	100
119	98.1 75.8 113.6
121	32.0 24.0 36.0





#39

Methylcyclohexane

Concen: 19.800 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

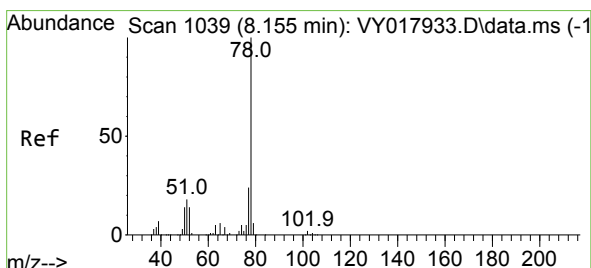
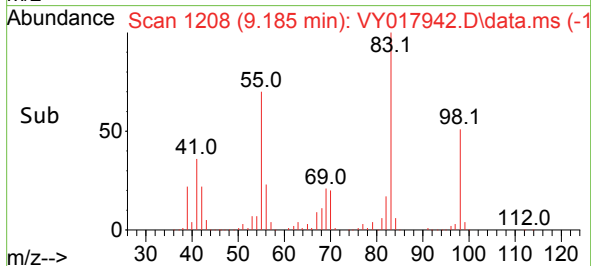
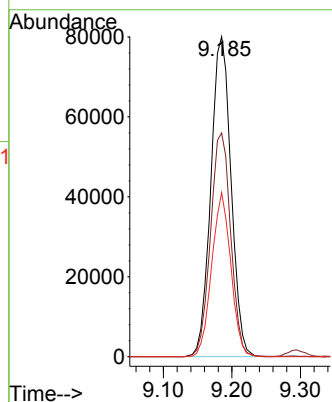
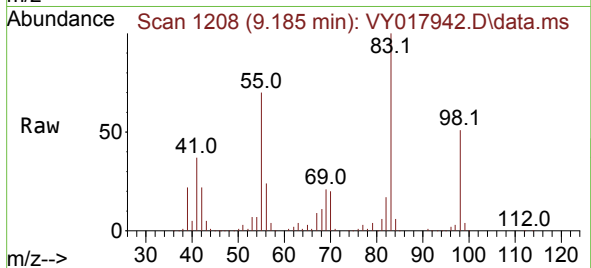
Tgt Ion: 83 Resp: 163532

Ion Ratio Lower Upper

83 100

55 69.9 51.5 77.3

98 51.3 40.5 60.7



#40

Benzene

Concen: 19.823 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017942.D

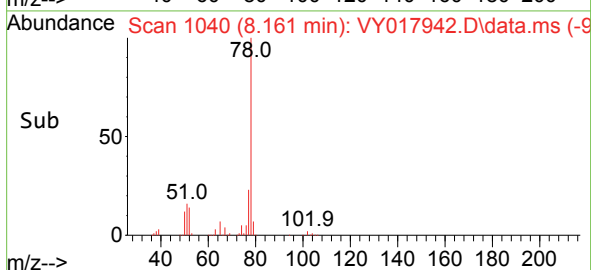
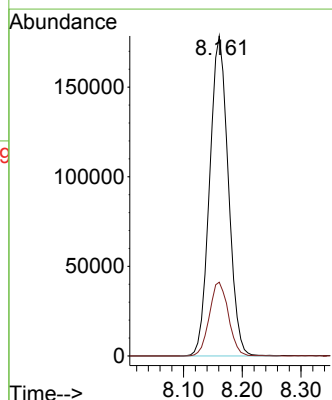
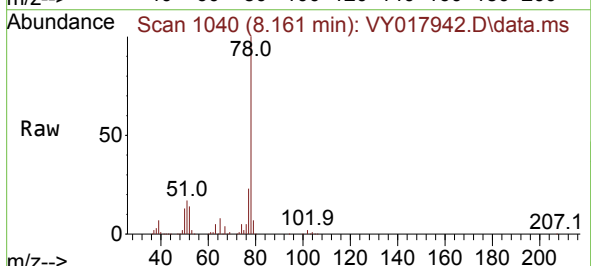
Acq: 16 Apr 2024 11:54

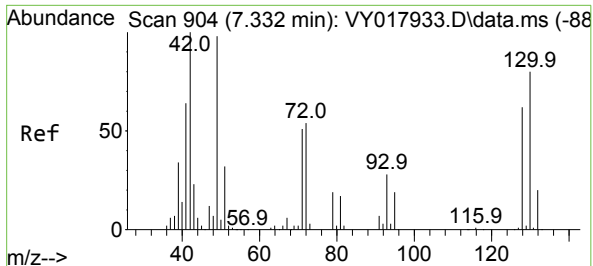
Tgt Ion: 78 Resp: 393536

Ion Ratio Lower Upper

78 100

77 23.1 19.5 29.3

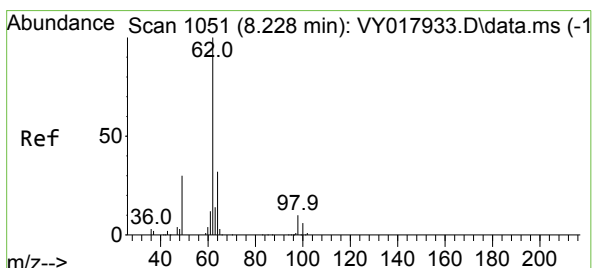
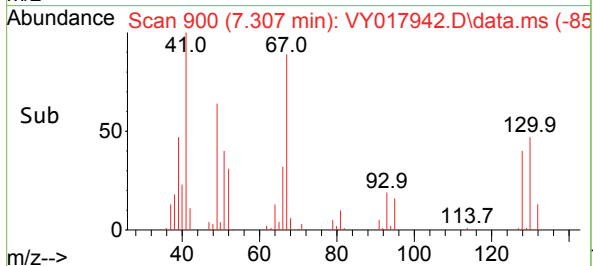
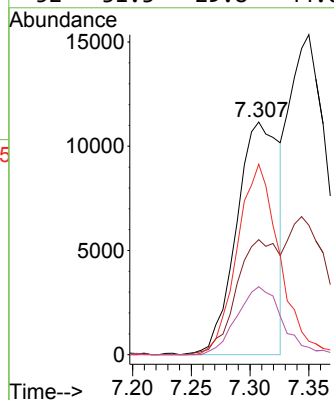
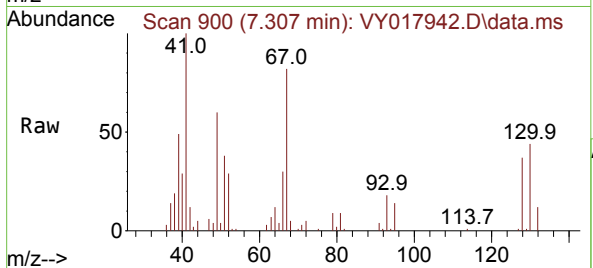




#41
Methacrylonitrile
Concen: 17.114 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

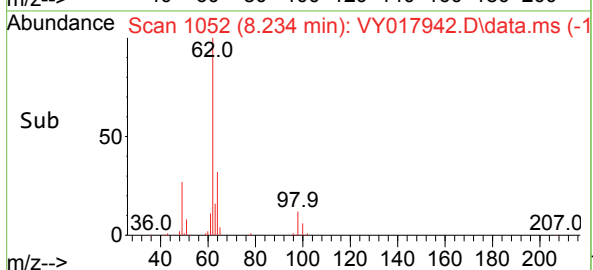
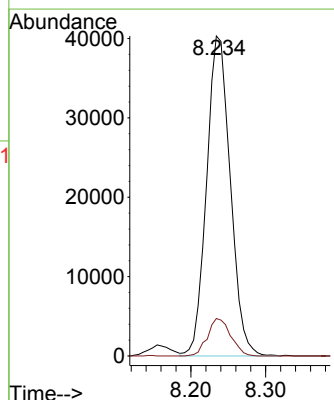
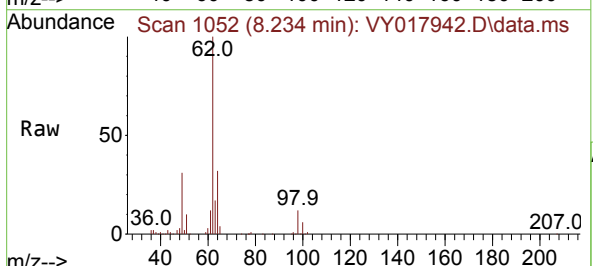
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

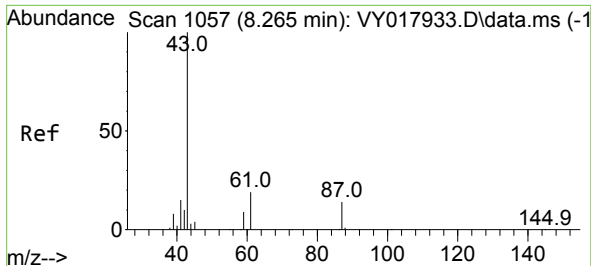
Tgt Ion: 41	Resp: 28166
Ion Ratio	Lower Upper
41 100	
39 49.5	48.0 72.0
67 82.4	75.1 112.7
52 31.3	29.8 44.6



#42
1,2-Dichloroethane
Concen: 19.576 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 62	Resp: 89047
Ion Ratio	Lower Upper
62 100	
98 11.4	0.0 22.0

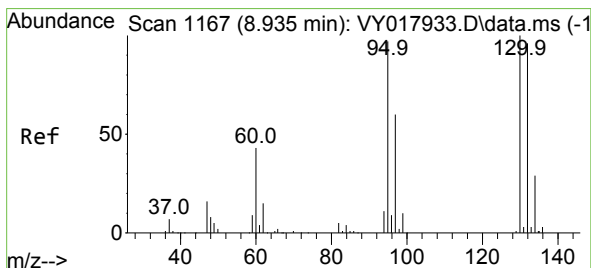
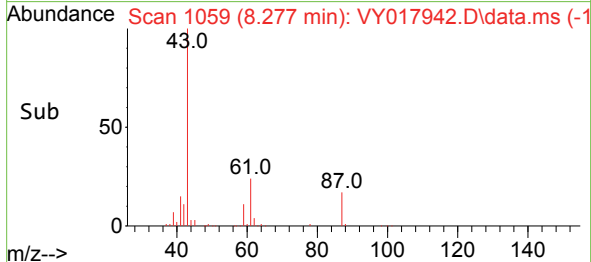
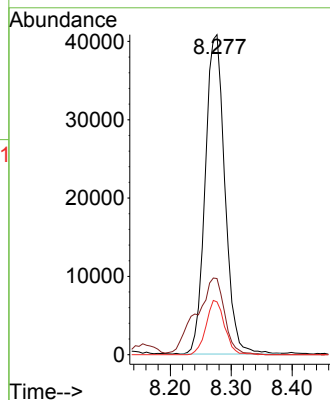
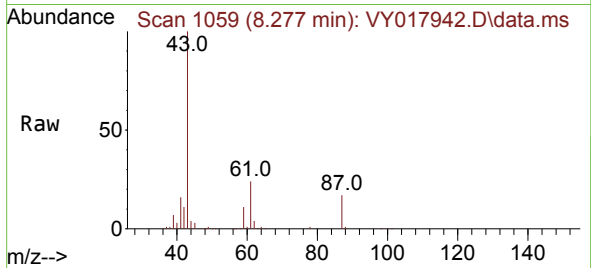




#43
Isopropyl Acetate
Concen: 18.804 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

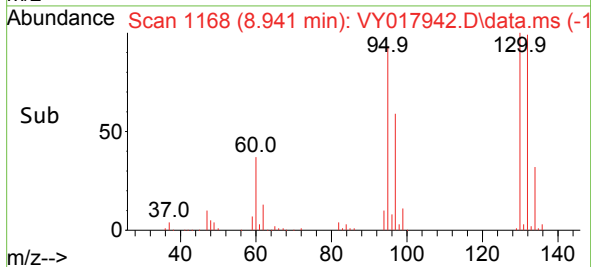
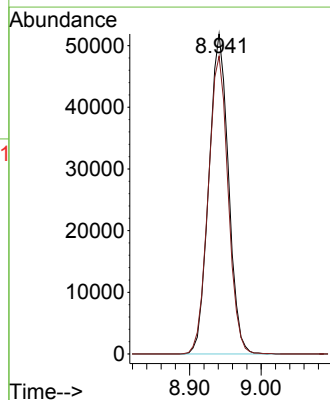
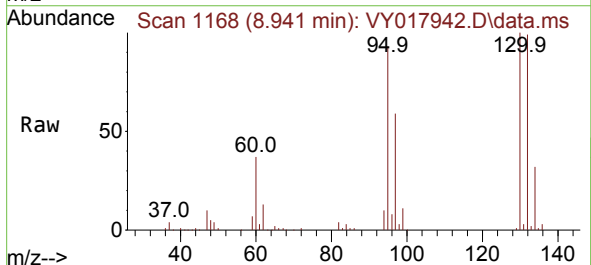
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

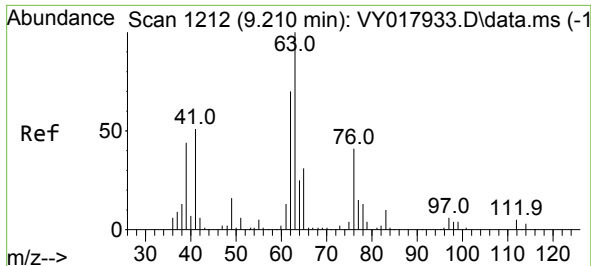
Tgt Ion: 43 Resp: 91400
Ion Ratio Lower Upper
43 100
61 34.9 27.9 41.9
87 16.1 13.1 19.7



#44
Trichloroethene
Concen: 19.524 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion:130 Resp: 98493
Ion Ratio Lower Upper
130 100
95 93.0 0.0 188.0

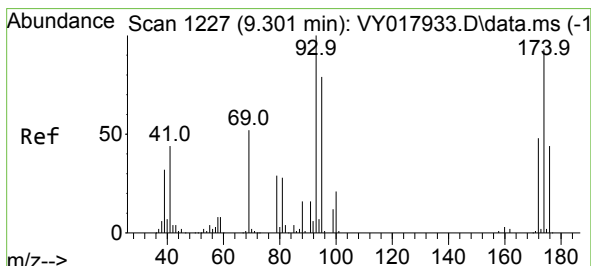
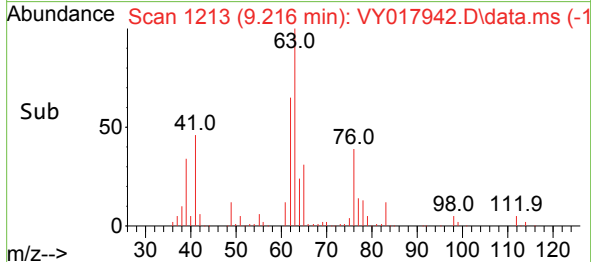
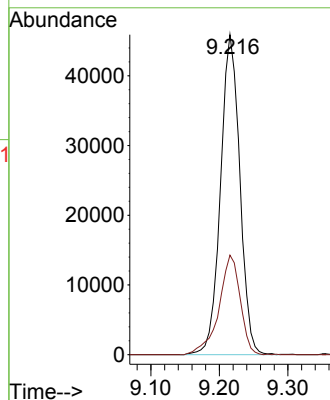
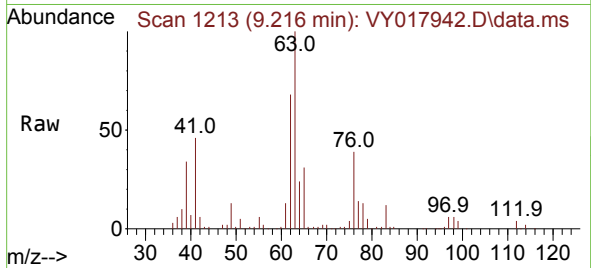




#45
1,2-Dichloropropane
Concen: 19.591 ug/l
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

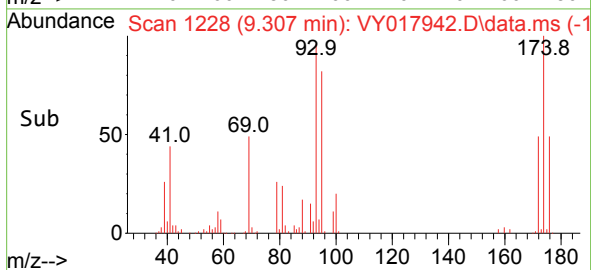
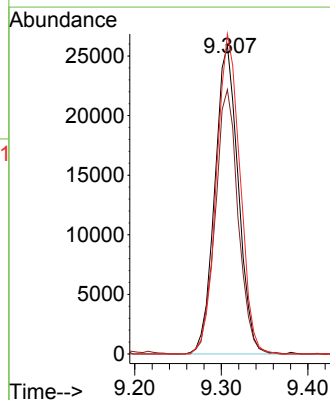
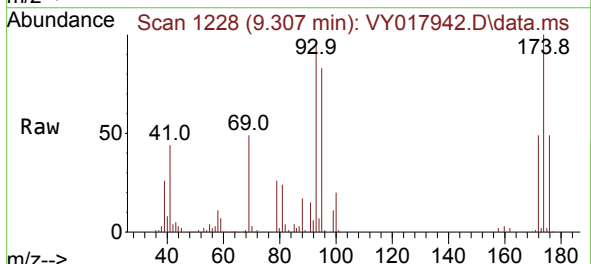
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

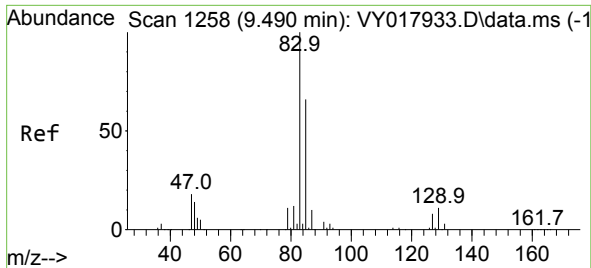
Tgt Ion: 63 Resp: 89531
Ion Ratio Lower Upper
63 100
65 31.1 25.4 38.2



#46
Dibromomethane
Concen: 19.251 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 93 Resp: 48663
Ion Ratio Lower Upper
93 100
95 83.9 66.2 99.4
174 104.0 80.9 121.3

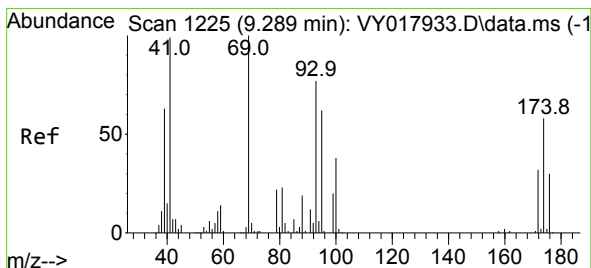
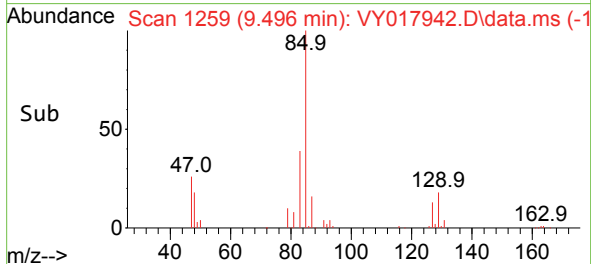
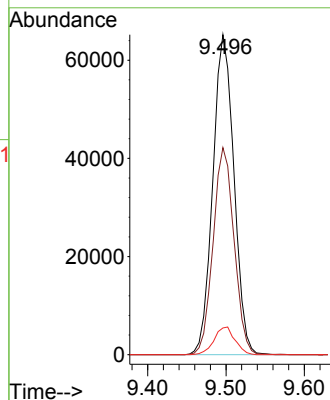
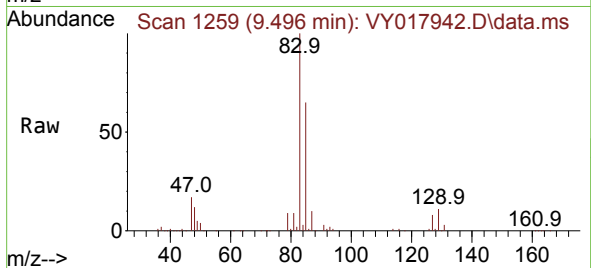




#47
Bromodichloromethane
Concen: 19.261 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

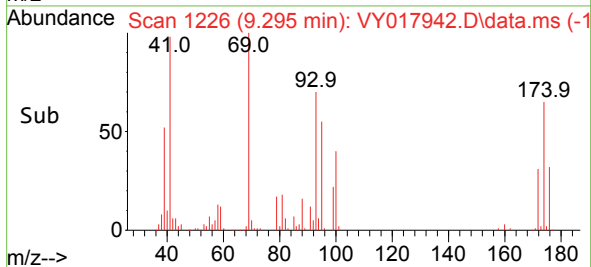
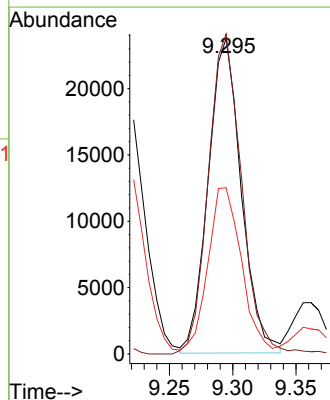
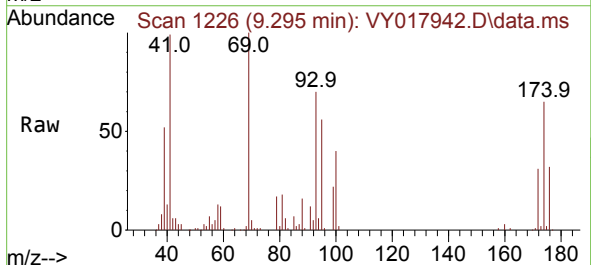
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

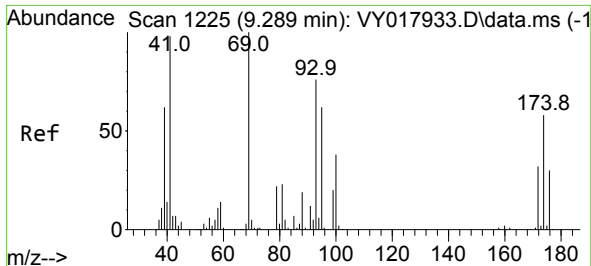
Tgt Ion: 83 Resp: 122149
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 19.322 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 41 Resp: 43037
Ion Ratio Lower Upper
41 100
69 102.4 84.1 126.1
39 51.6 43.6 65.4





#49

1,4-Dioxane

Concen: 363.755 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

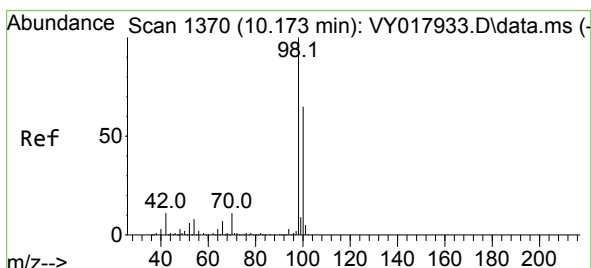
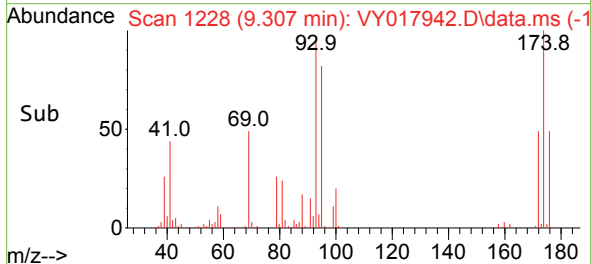
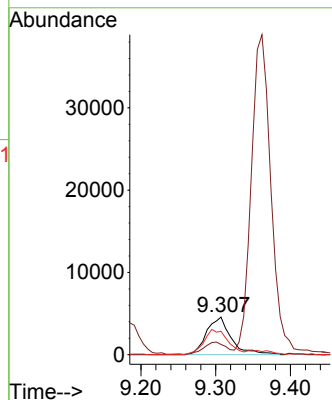
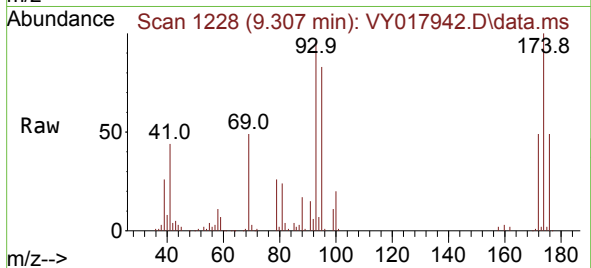
Tgt Ion: 88 Resp: 10497

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 65.4 49.3 73.9



#50

Toluene-d8

Concen: 17.932 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY017942.D

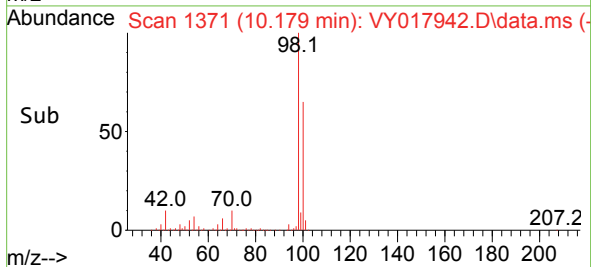
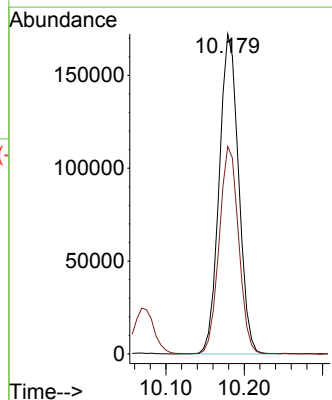
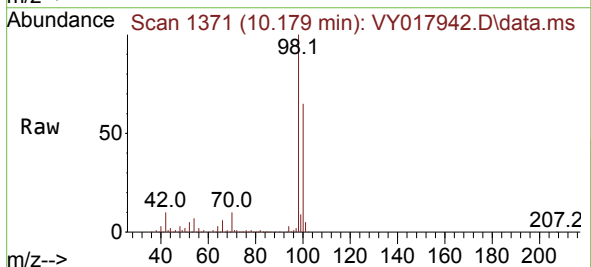
Acq: 16 Apr 2024 11:54

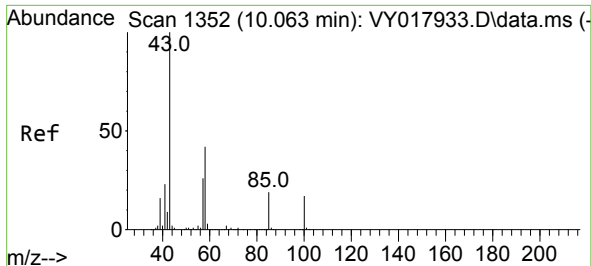
Tgt Ion: 98 Resp: 296543

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

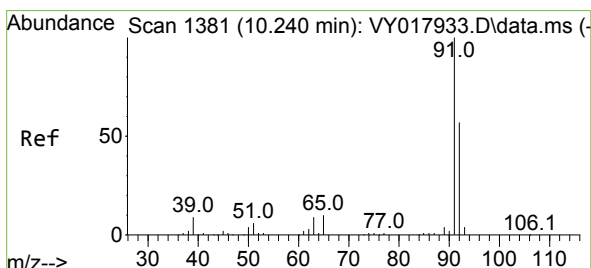
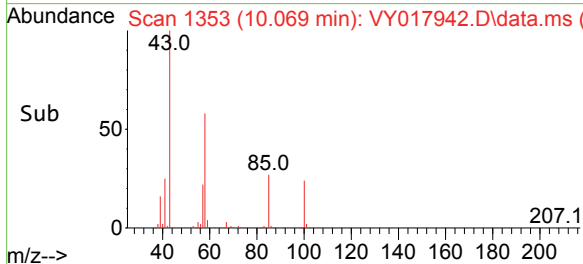
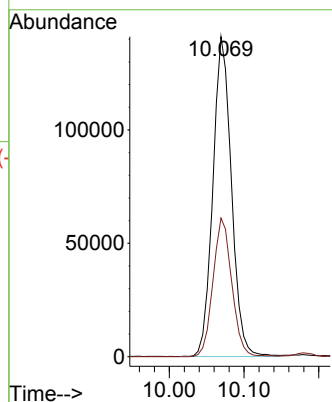
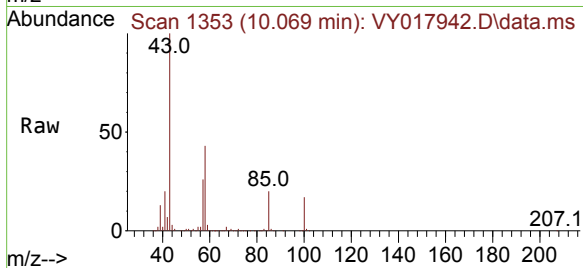




#51
4-Methyl-2-Pentanone
Concen: 94.673 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

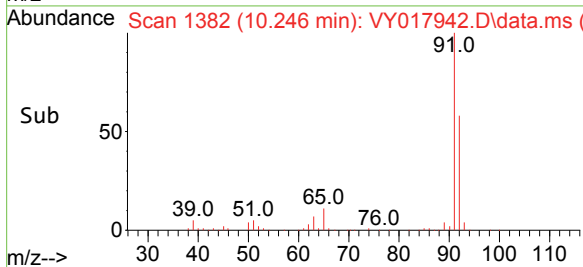
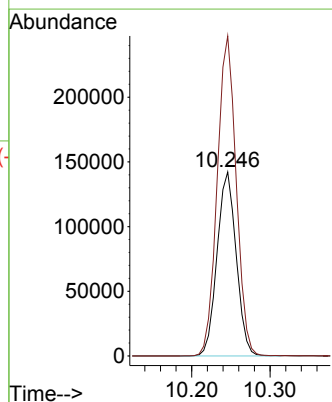
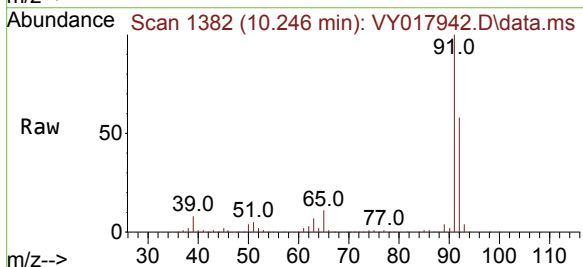
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

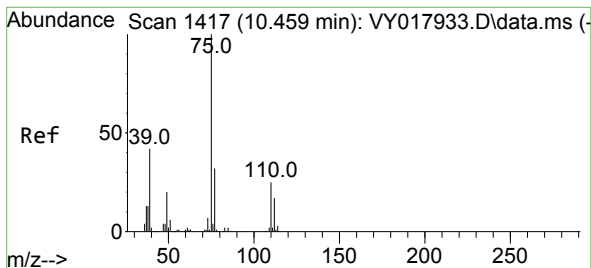
Tgt Ion: 43 Resp: 243952
Ion Ratio Lower Upper
43 100
58 43.9 35.7 53.5



#52
Toluene
Concen: 19.801 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 92 Resp: 241214
Ion Ratio Lower Upper
92 100
91 173.3 139.0 208.6

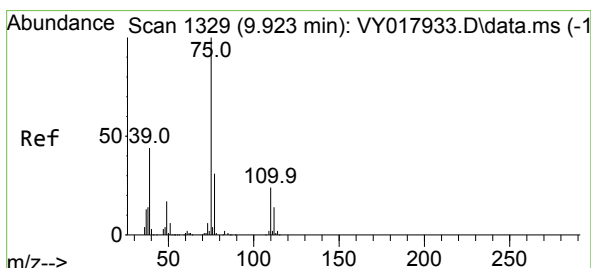
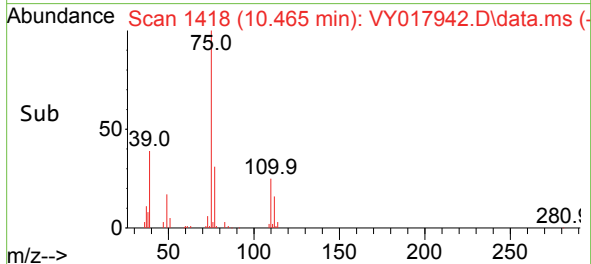
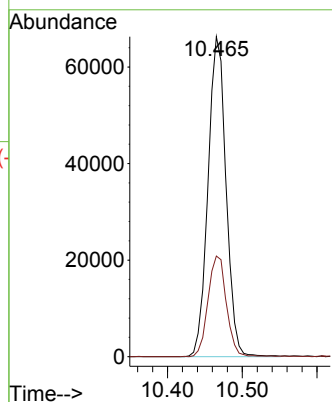
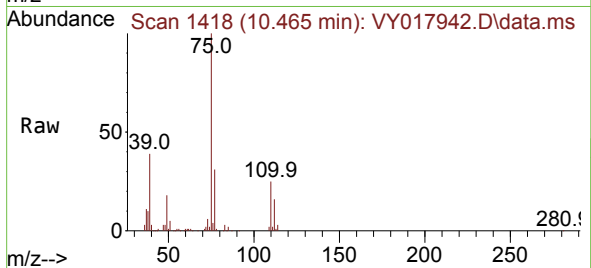




#53
 t-1,3-Dichloropropene
 Concen: 19.201 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY017942.D
 Acq: 16 Apr 2024 11:54

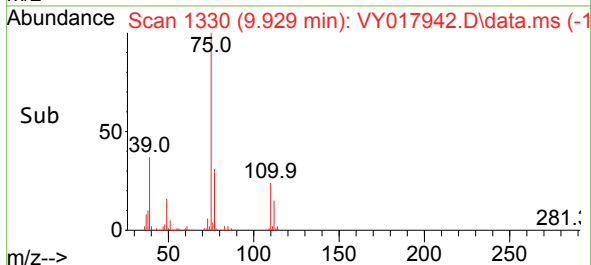
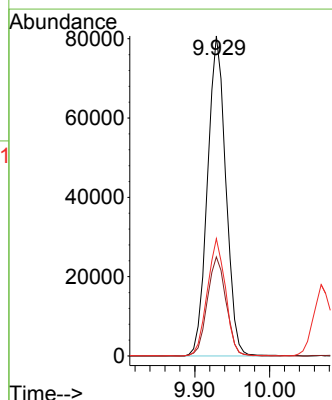
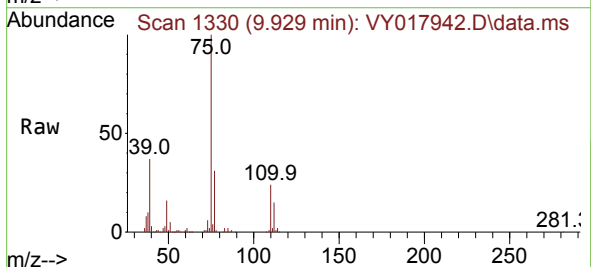
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

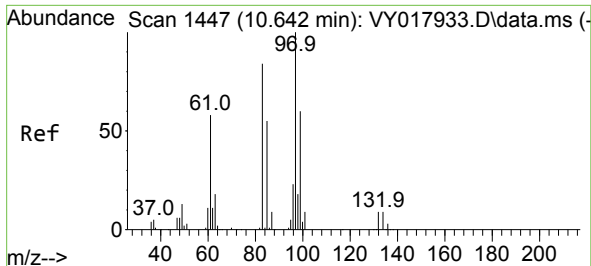
Tgt Ion: 75 Resp: 111167
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.322 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY017942.D
 Acq: 16 Apr 2024 11:54

Tgt Ion: 75 Resp: 137426
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 36.6 29.8 44.6

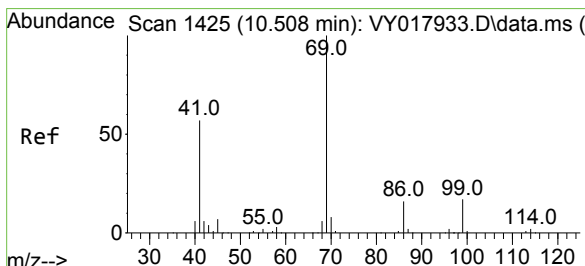
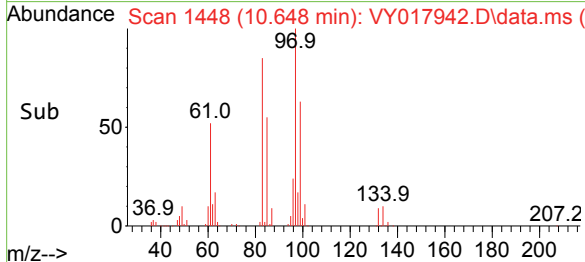
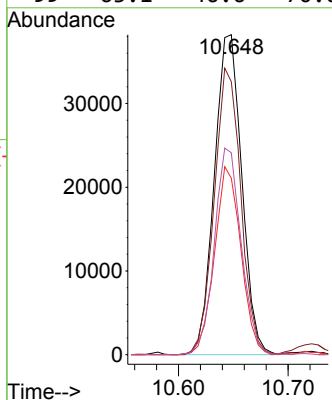
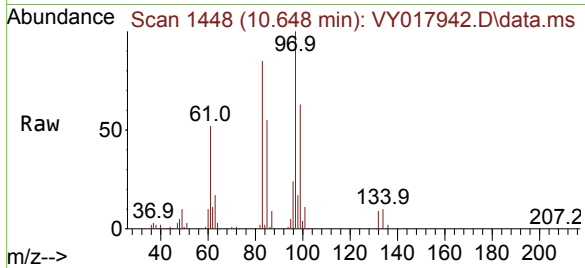




#55
1,1,2-Trichloroethane
Concen: 19.364 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

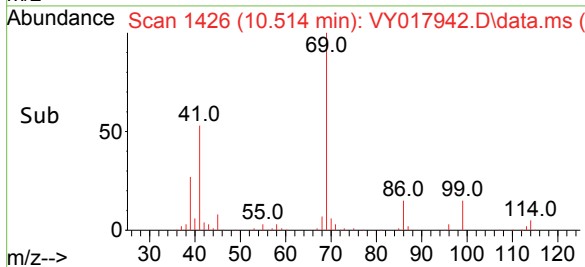
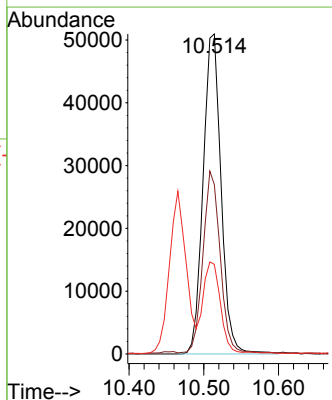
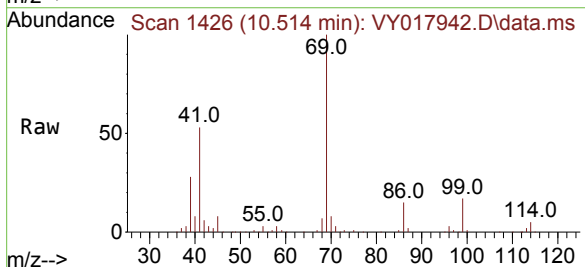
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

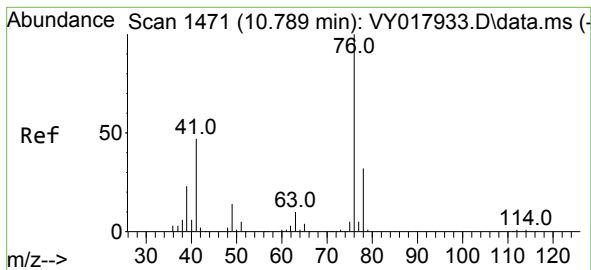
Tgt Ion:	97	Resp:	66541
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.5	101.3
85	55.2	42.9	64.3
99	63.1	46.6	70.0



#56
Ethyl methacrylate
Concen: 18.993 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion:	69	Resp:	85085
Ion	Ratio	Lower	Upper
69	100		
41	54.9	42.3	63.5
39	28.0	22.9	34.3

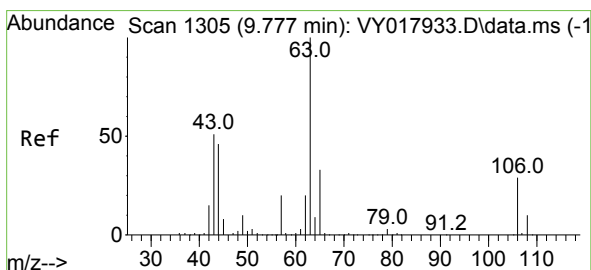
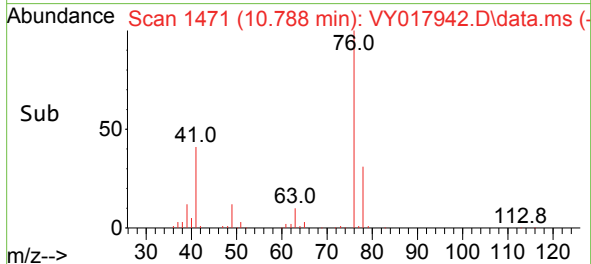
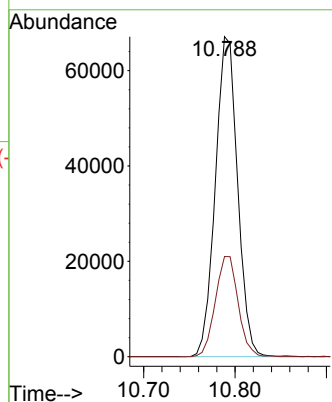
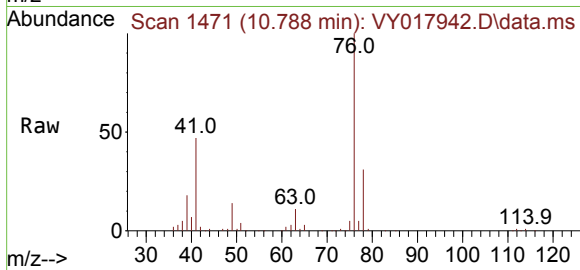




#57
1,3-Dichloropropane
Concen: 19.501 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

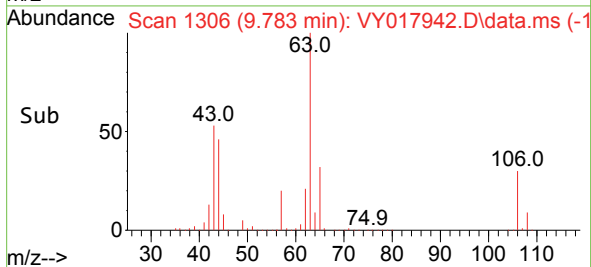
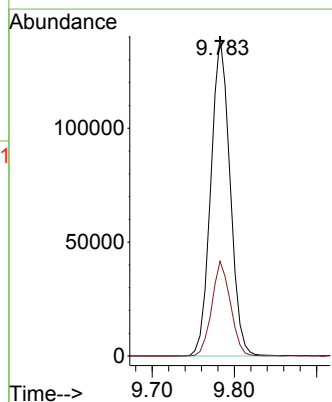
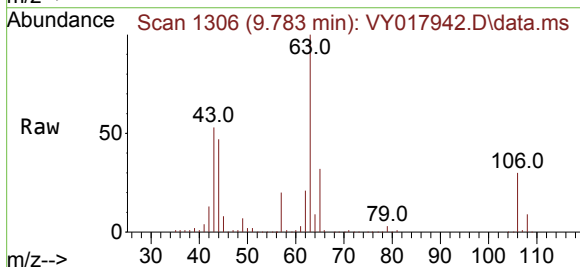
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

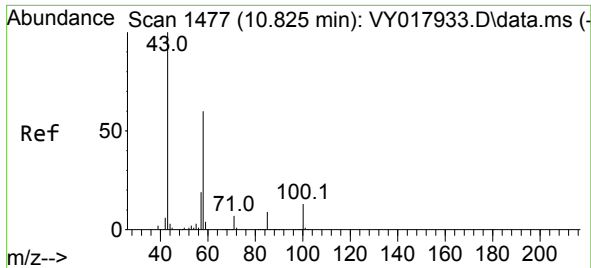
Tgt Ion: 76 Resp: 113468
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 97.299 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 63 Resp: 226569
Ion Ratio Lower Upper
63 100
106 28.9 23.7 35.5

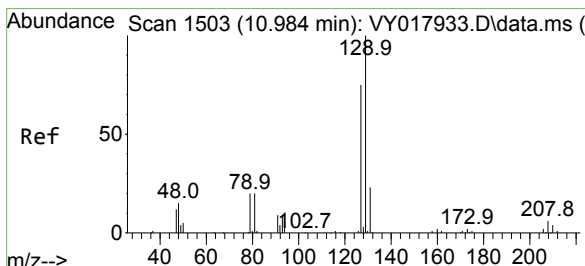
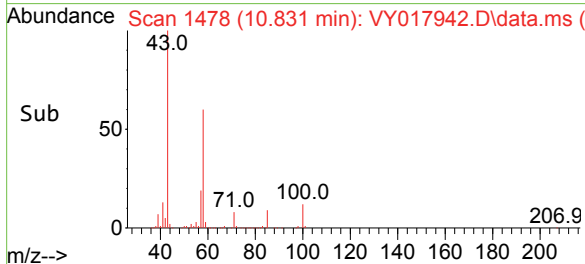
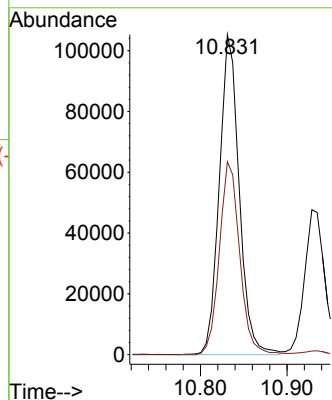
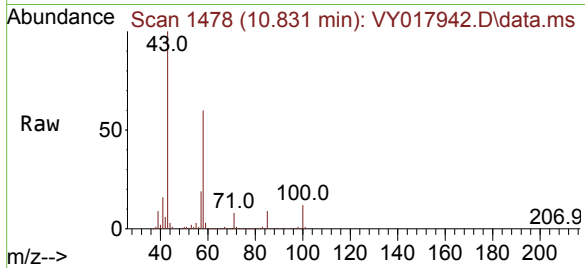




#59
2-Hexanone
Concen: 95.381 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

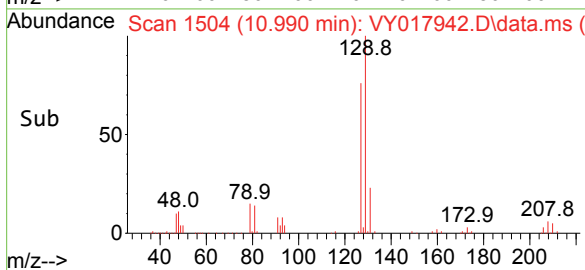
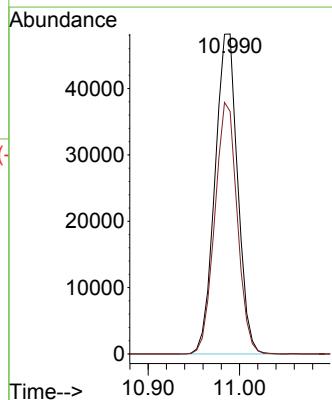
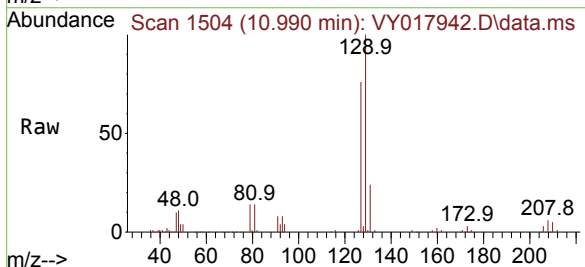
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

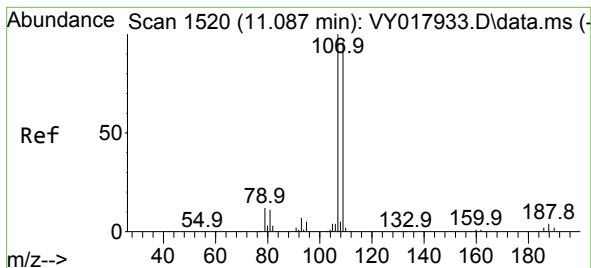
Tgt Ion: 43 Resp: 167774
Ion Ratio Lower Upper
43 100
58 61.6 31.4 94.0



#60
Dibromochloromethane
Concen: 18.845 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 129 Resp: 83225
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

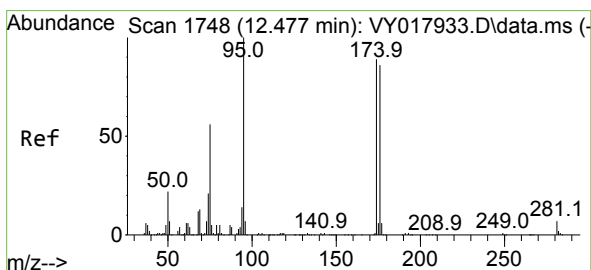
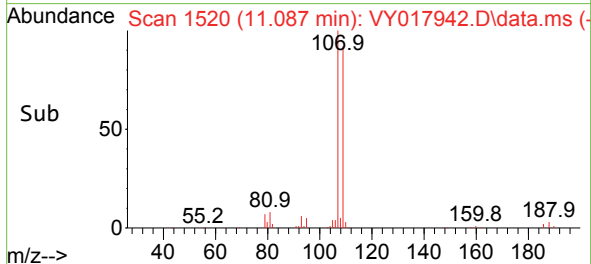
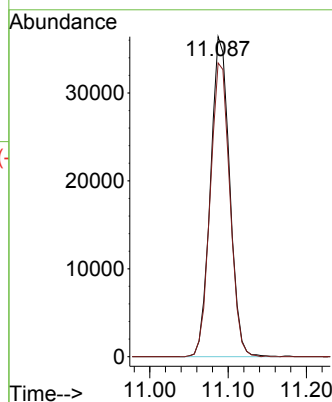
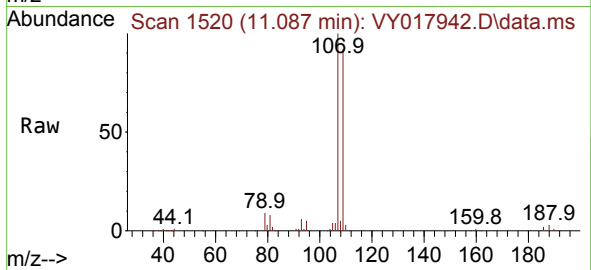




#61
1,2-Dibromoethane
Concen: 19.310 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

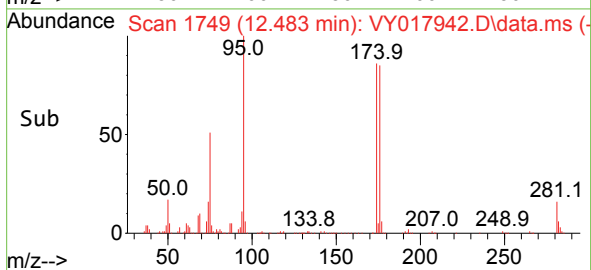
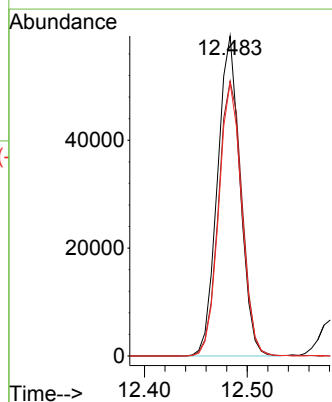
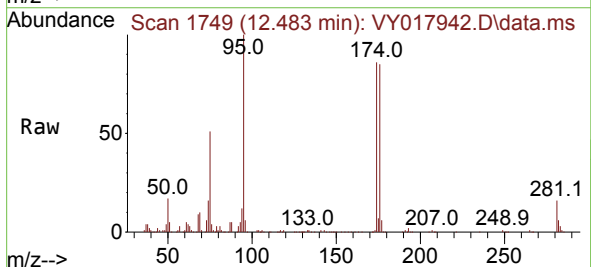
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

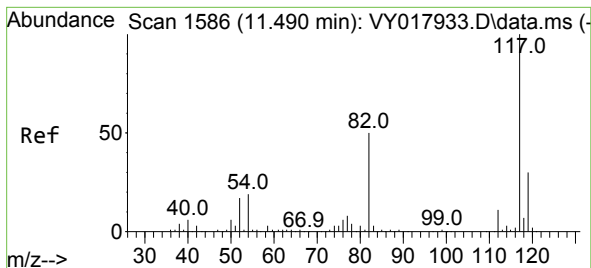
Tgt Ion:107 Resp: 61839
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 17.662 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 95 Resp: 90458
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 86.6 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: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

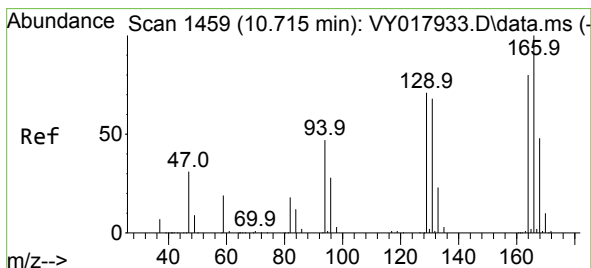
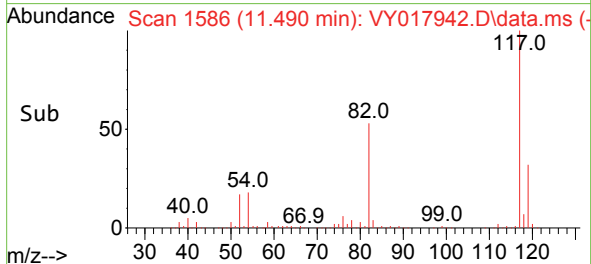
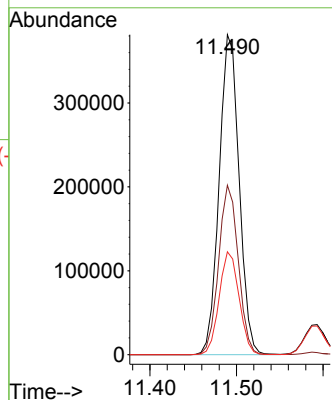
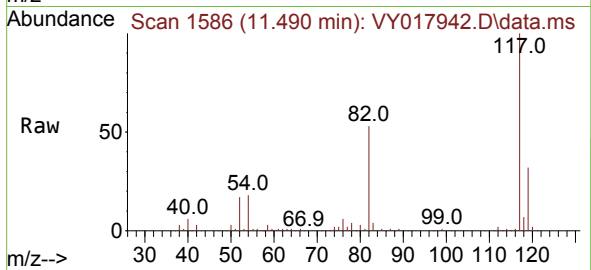
Tgt Ion:117 Resp: 610064

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 19.870 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Tgt Ion:164 Resp: 86837

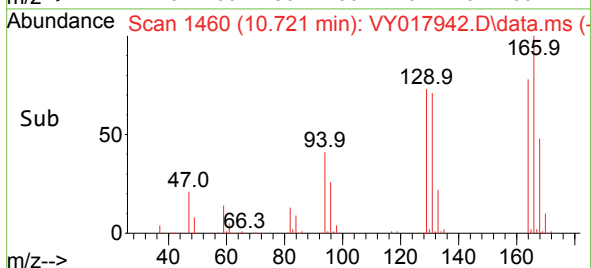
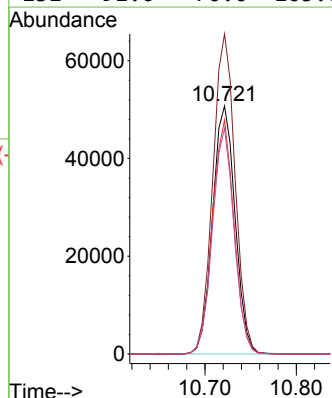
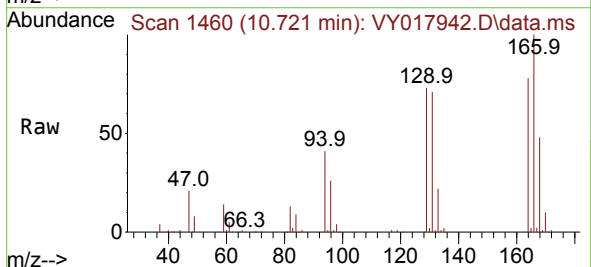
Ion Ratio Lower Upper

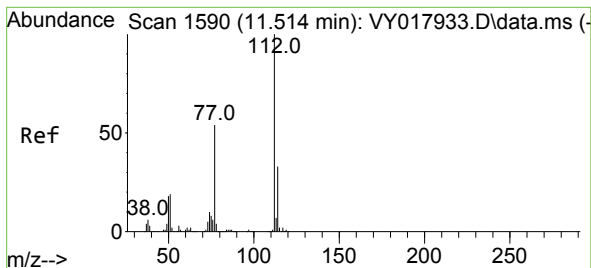
164 100

166 129.0 102.6 154.0

129 94.3 72.0 108.0

131 91.0 70.0 105.0





#65

Chlorobenzene

Concen: 19.828 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

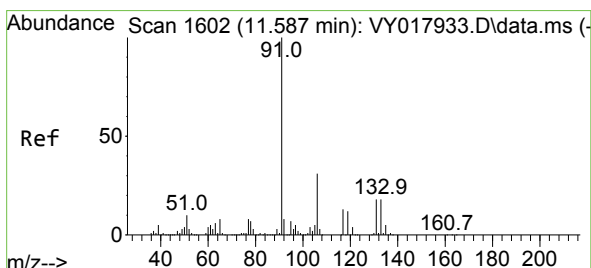
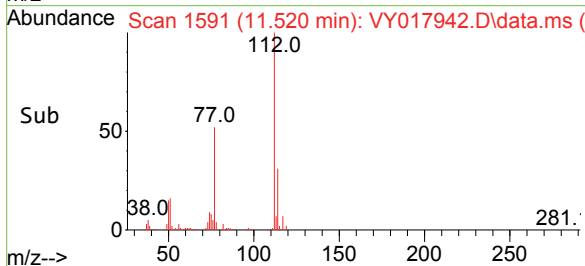
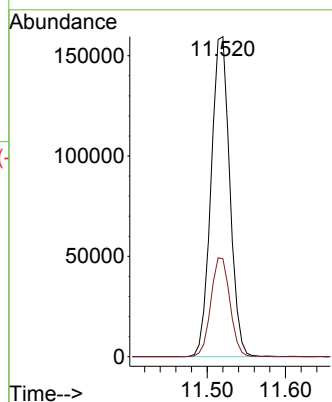
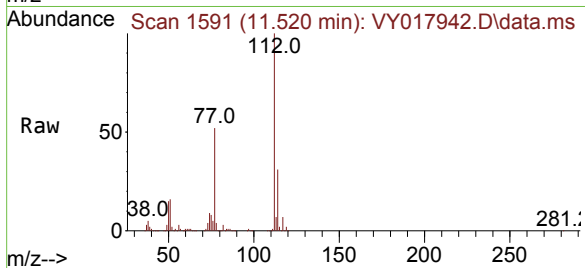
VSTDICC020

Tgt Ion:112 Resp: 265108

Ion Ratio Lower Upper

112 100

114 30.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.527 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

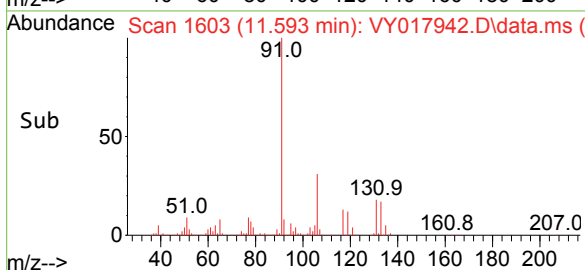
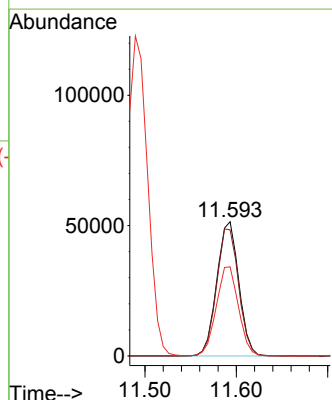
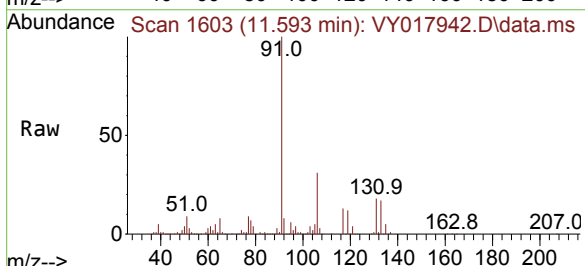
Tgt Ion:131 Resp: 86092

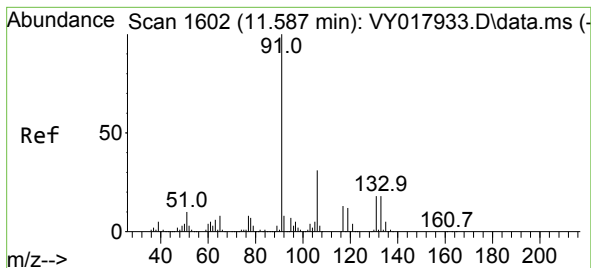
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 67.3 34.1 102.2





#67

Ethyl Benzene

Concen: 19.704 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

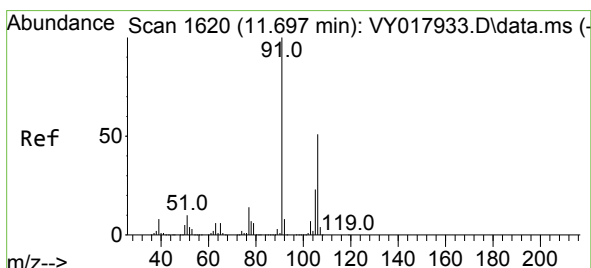
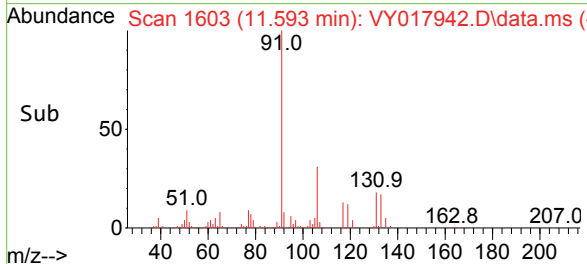
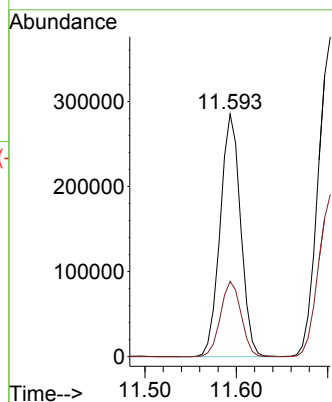
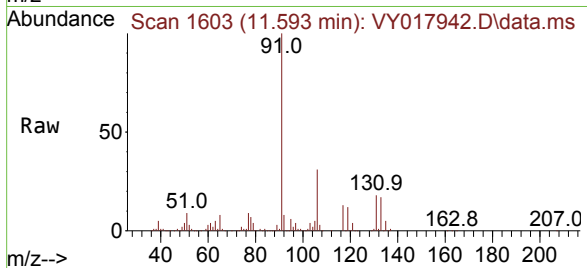
VSTDICC020

Tgt Ion: 91 Resp: 443601

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 40.020 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY017942.D

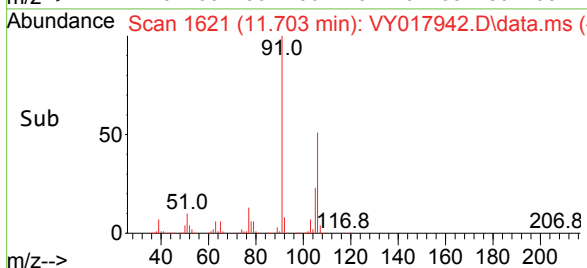
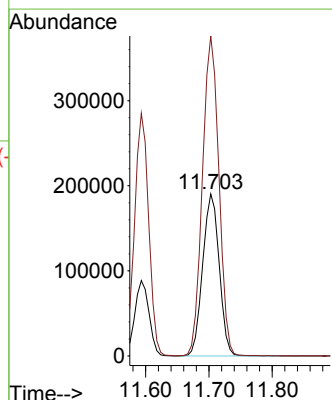
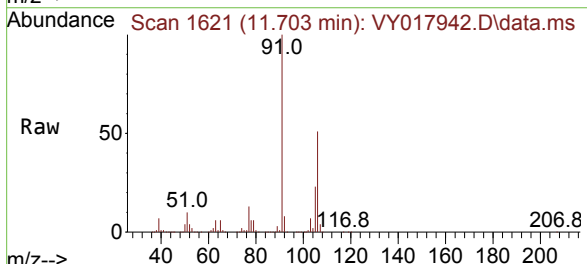
Acq: 16 Apr 2024 11:54

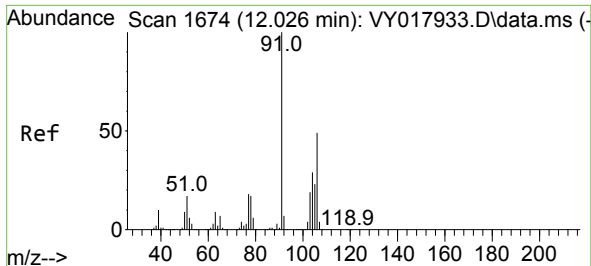
Tgt Ion:106 Resp: 346041

Ion Ratio Lower Upper

106 100

91 196.9 156.0 234.0

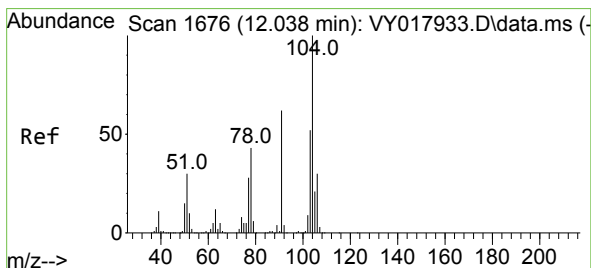
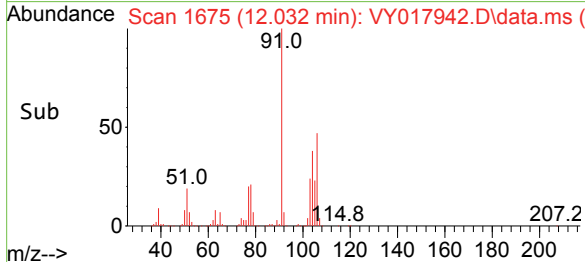
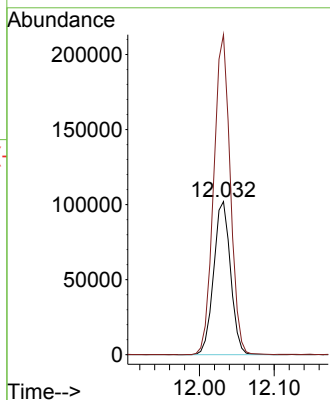
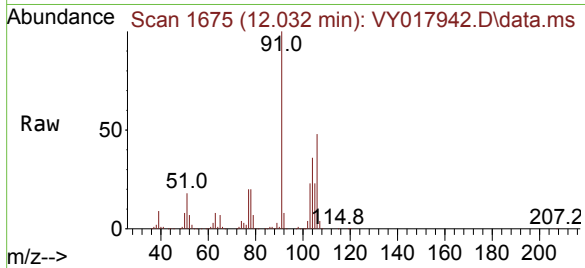




#69
o-Xylene
Concen: 19.765 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

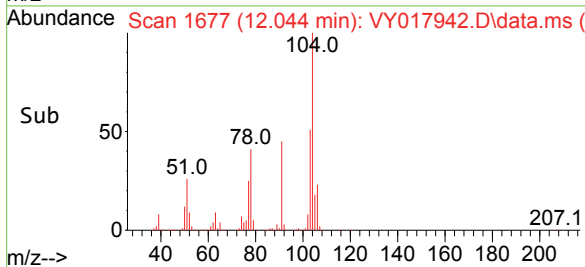
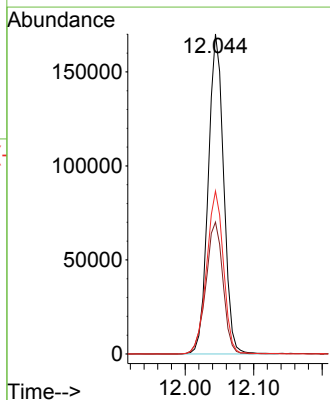
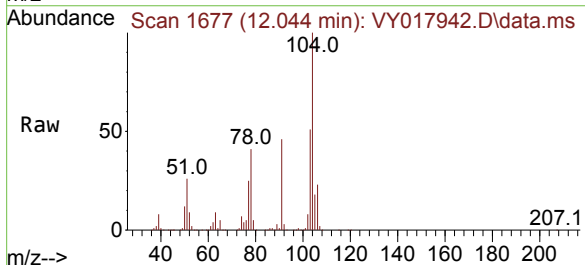
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

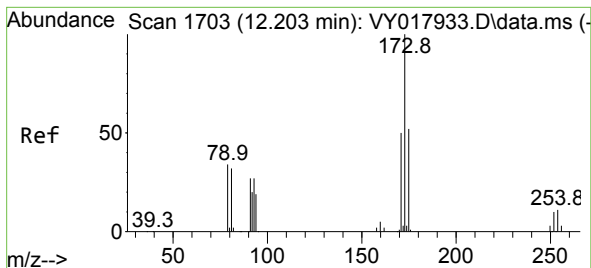
Tgt Ion:106 Resp: 159601
Ion Ratio Lower Upper
106 100
91 205.9 103.6 310.8



#70
Styrene
Concen: 19.613 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion:104 Resp: 267668
Ion Ratio Lower Upper
104 100
78 45.5 37.0 55.4
103 55.3 44.2 66.2





#71

Bromoform

Concen: 18.910 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

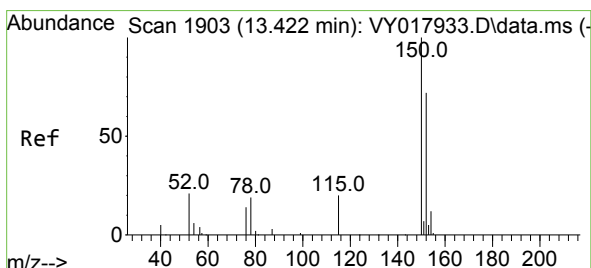
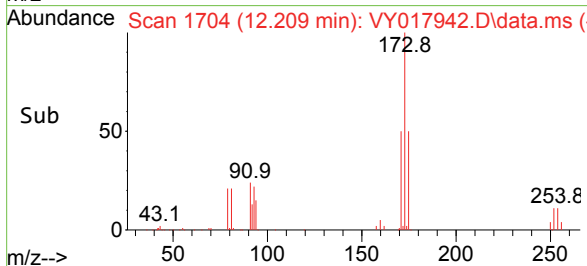
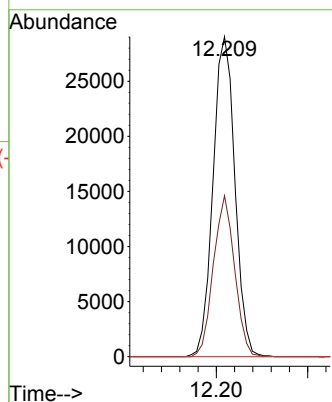
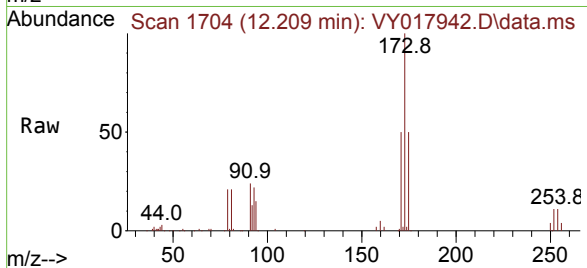
Tgt Ion:173 Resp: 48169

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. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

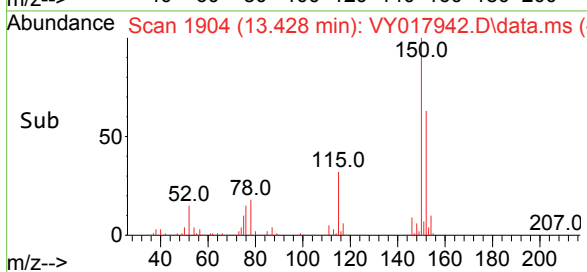
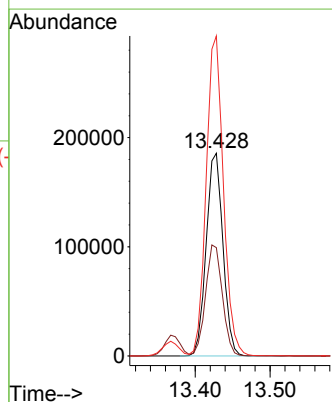
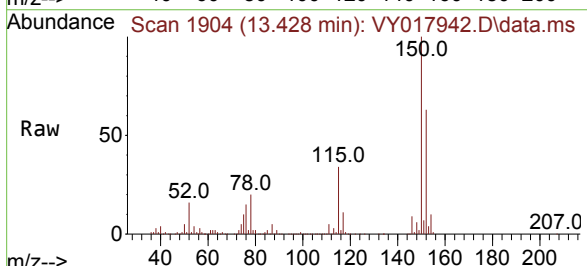
Tgt Ion:152 Resp: 288273

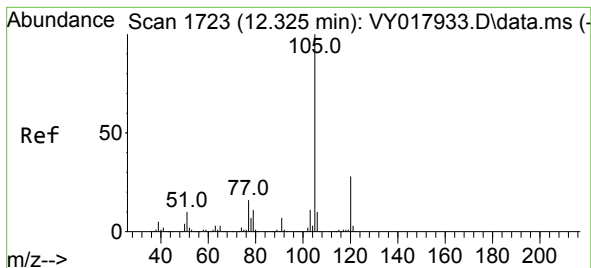
Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 161.9 0.0 345.6





#73

Isopropylbenzene

Concen: 19.810 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

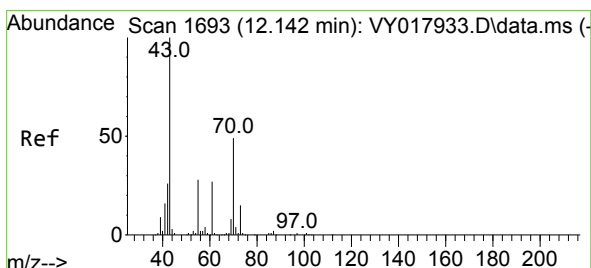
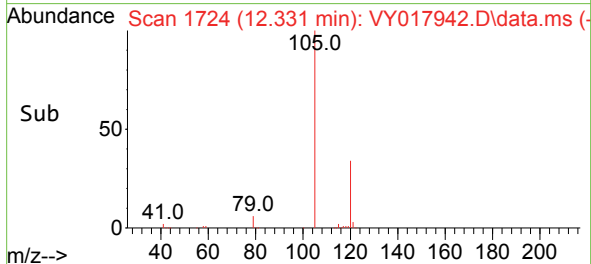
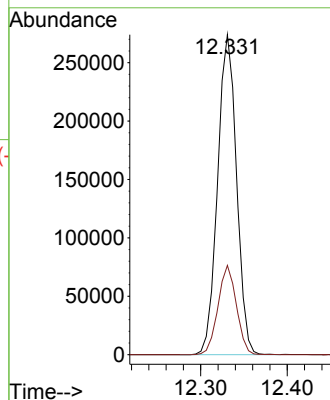
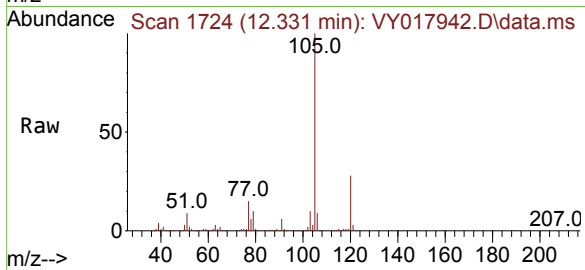
VSTDICC020

Tgt Ion:105 Resp: 416108

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 18.982 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Tgt Ion: 43 Resp: 80488

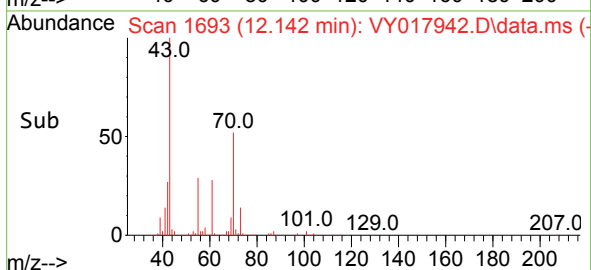
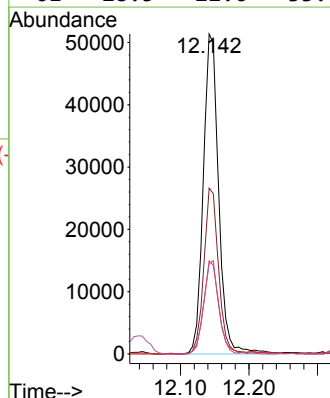
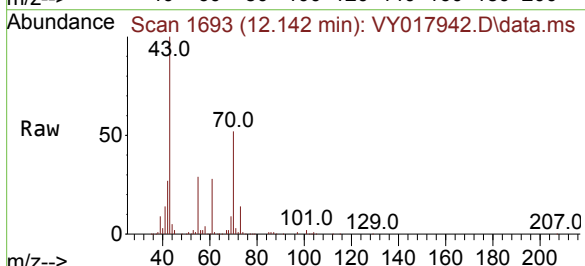
Ion Ratio Lower Upper

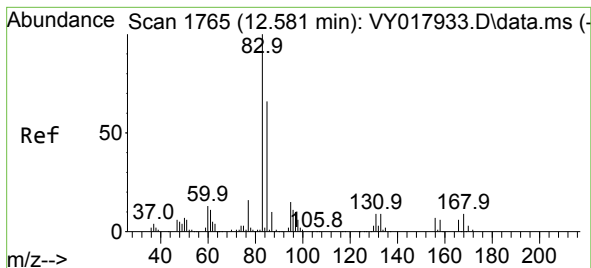
43 100

70 50.4 41.4 62.2

55 28.9 23.3 34.9

61 28.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.578 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

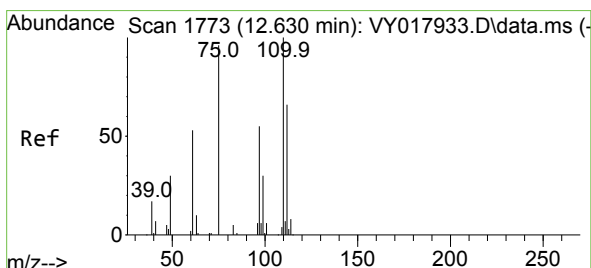
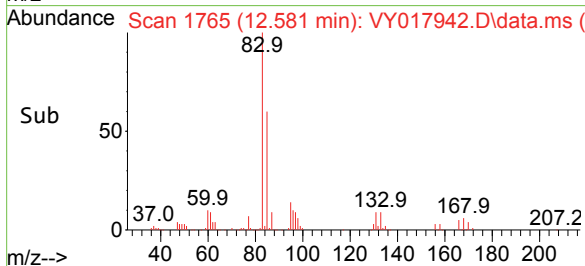
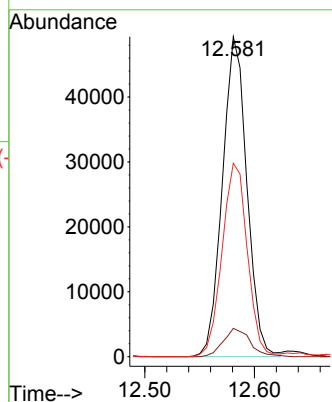
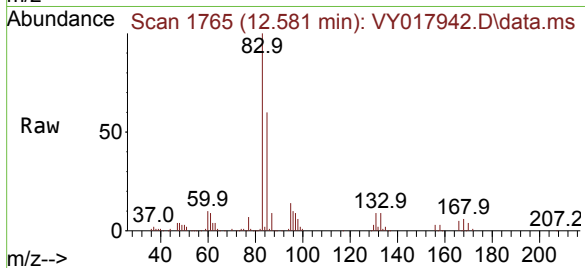
Tgt Ion: 83 Resp: 76699

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 62.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.424 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017942.D

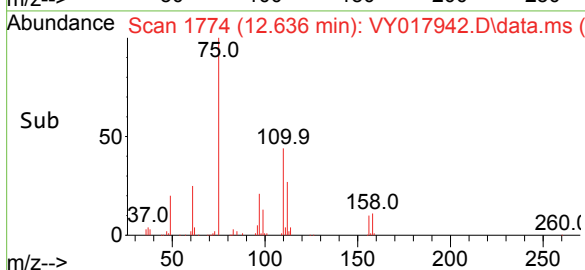
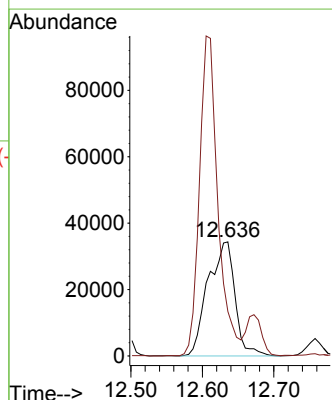
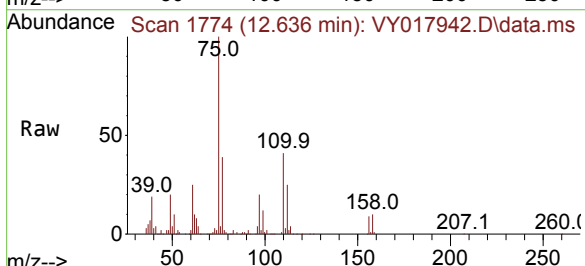
Acq: 16 Apr 2024 11:54

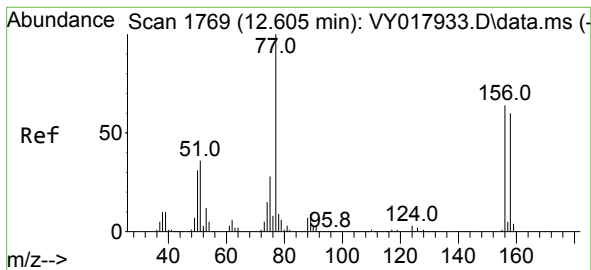
Tgt Ion: 75 Resp: 90188

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.196 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

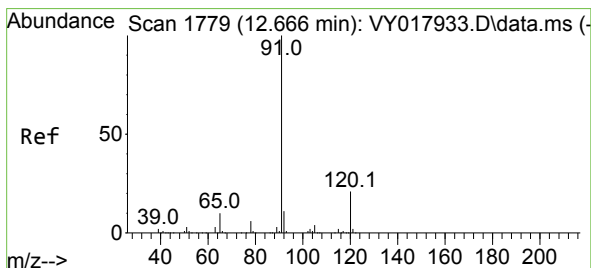
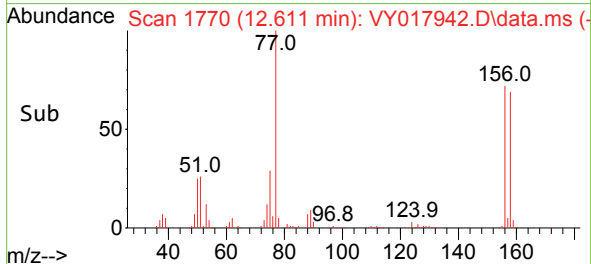
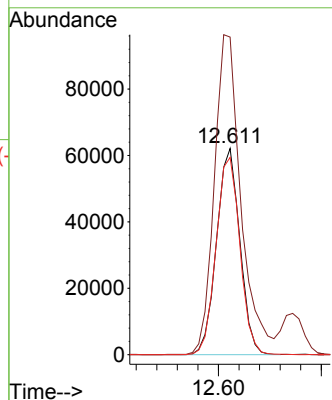
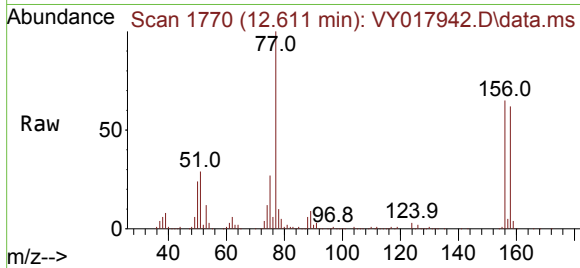
Tgt Ion:156 Resp: 97579

Ion Ratio Lower Upper

156 100

77 177.5 87.1 261.3

158 97.9 48.6 145.9



#78

n-propylbenzene

Concen: 20.114 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017942.D

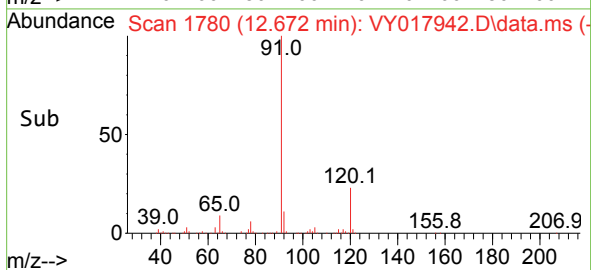
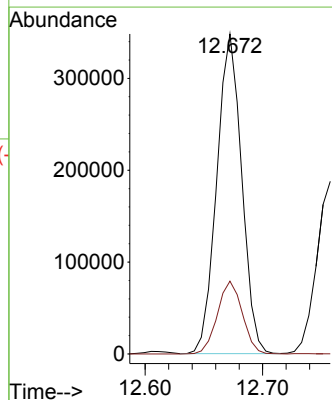
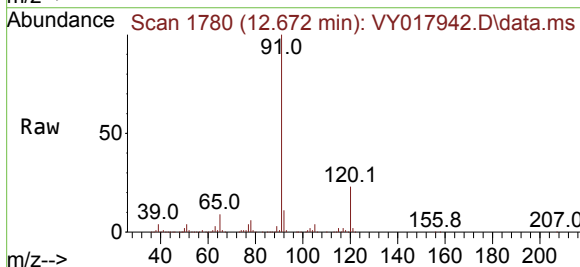
Acq: 16 Apr 2024 11:54

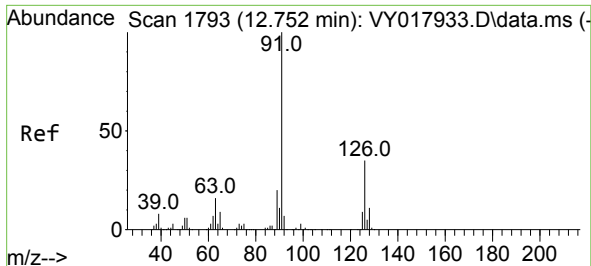
Tgt Ion: 91 Resp: 512628

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

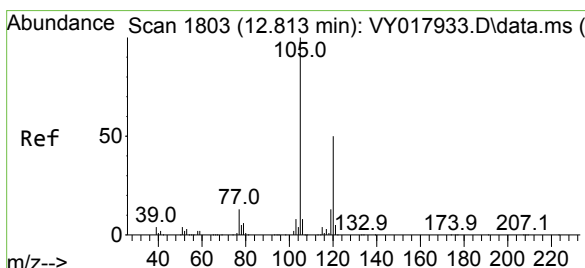
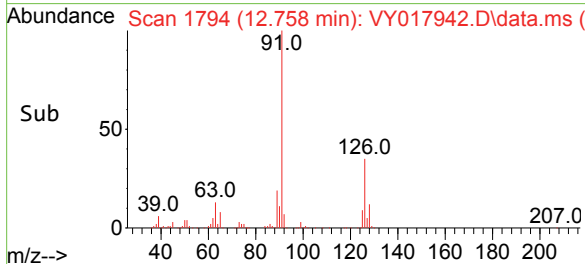
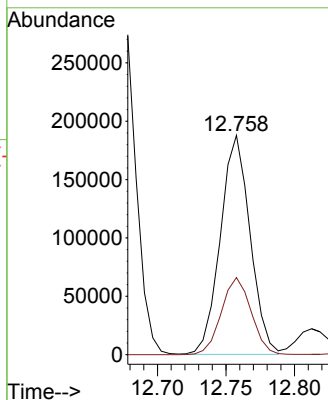
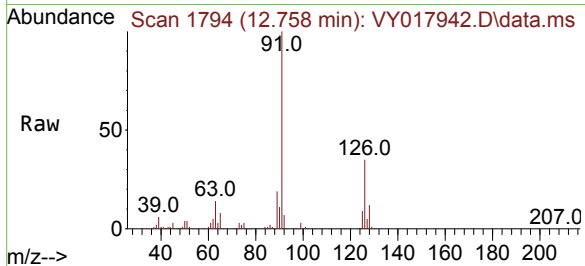




#79
2-Chlorotoluene
Concen: 19.837 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

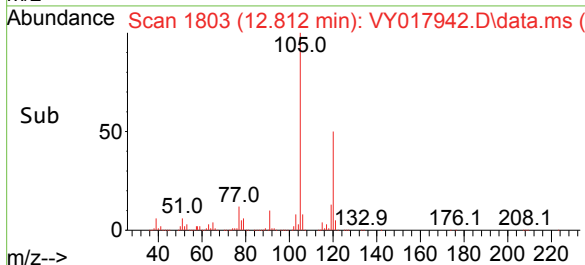
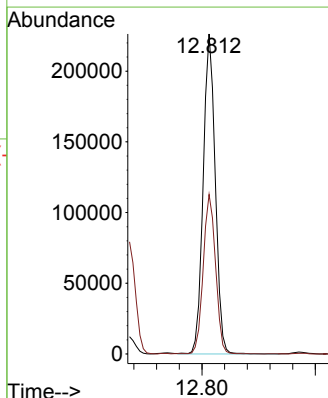
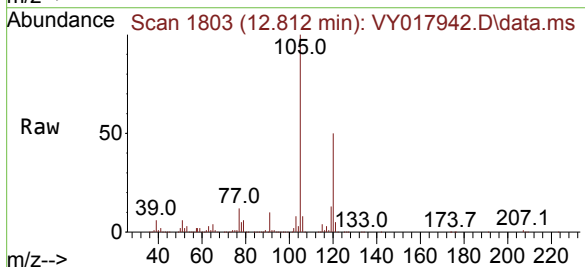
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

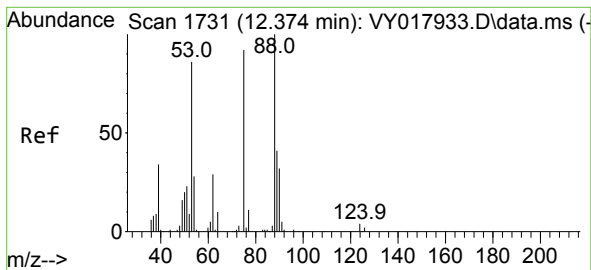
Tgt Ion: 91 Resp: 282978
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.112 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 105 Resp: 334986
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.2

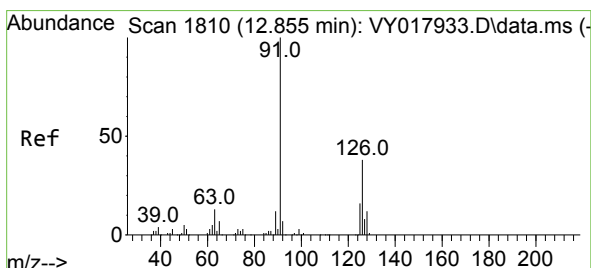
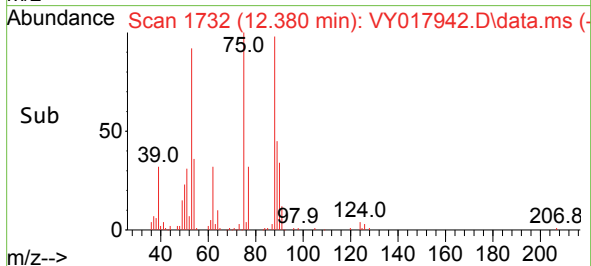
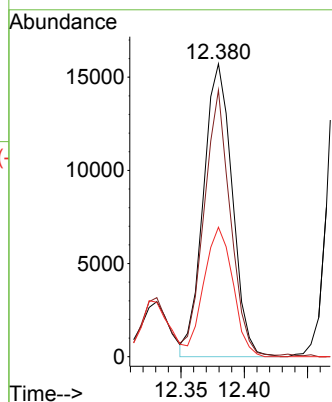
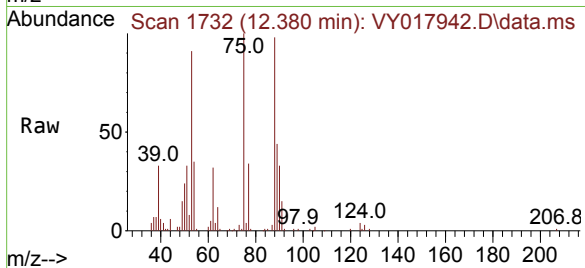




#81
trans-1,4-Dichloro-2-butene
Concen: 19.008 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

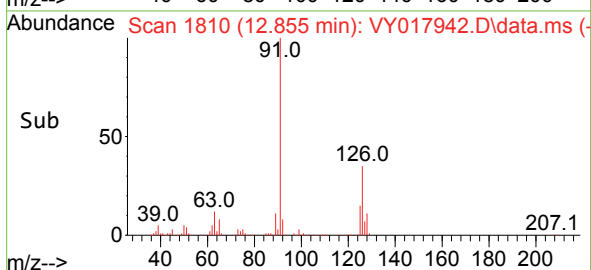
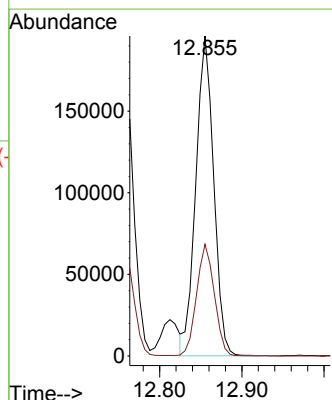
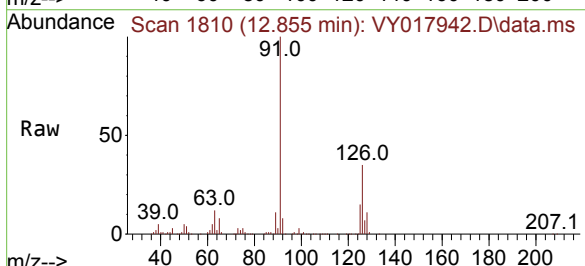
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

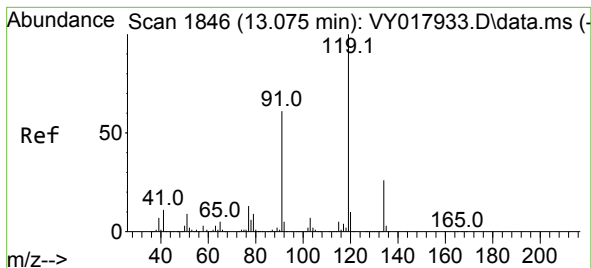
Tgt Ion: 75 Resp: 24938
Ion Ratio Lower Upper
75 100
53 82.4 66.8 100.2
89 44.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.976 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 91 Resp: 295133
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.674 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

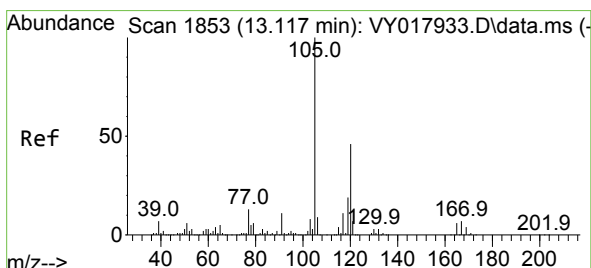
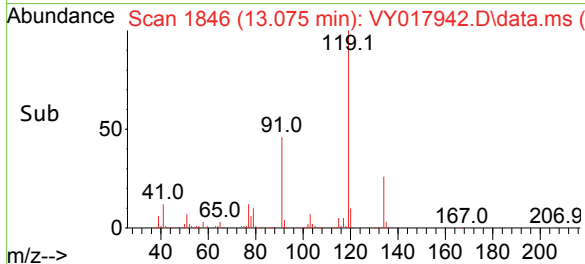
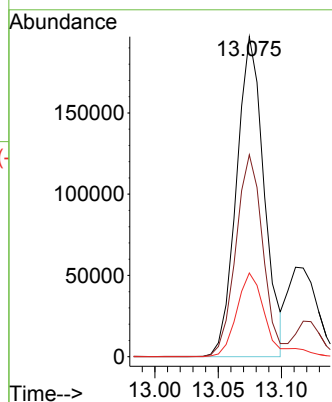
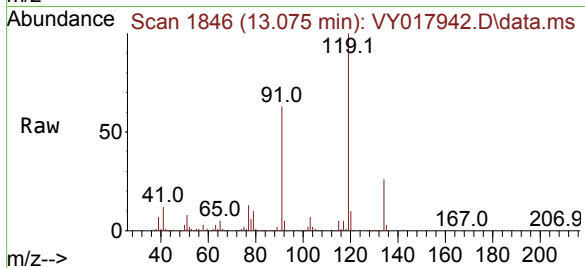
Tgt Ion:119 Resp: 299298

Ion Ratio Lower Upper

119 100

91 62.3 31.3 93.8

134 27.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.864 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY017942.D

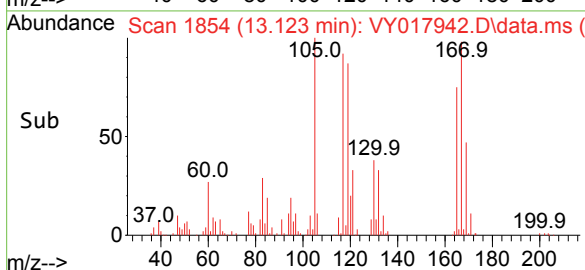
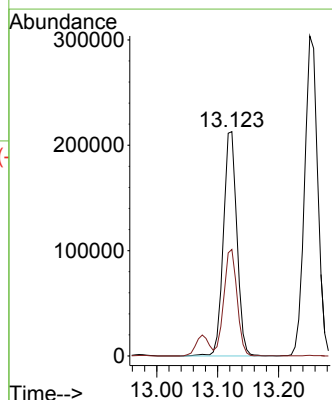
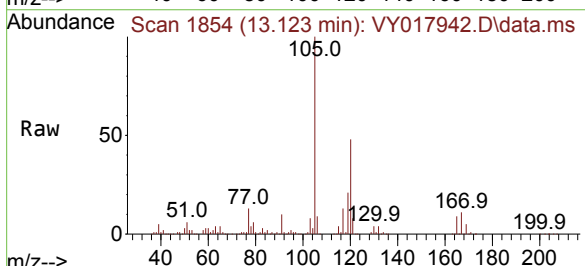
Acq: 16 Apr 2024 11:54

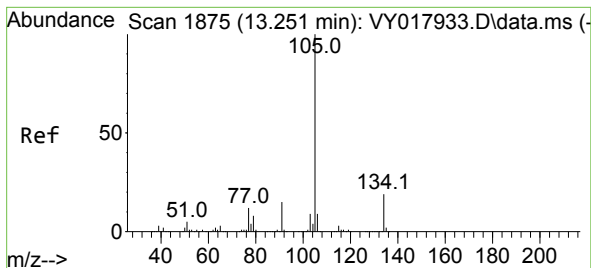
Tgt Ion:105 Resp: 329486

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.820 ug/l

RT: 13.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

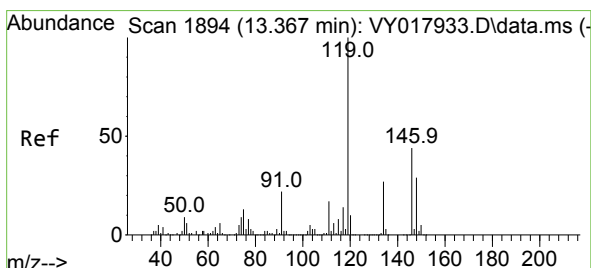
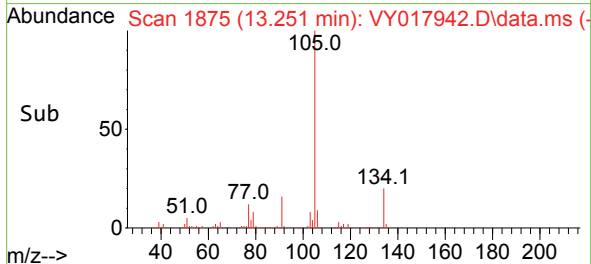
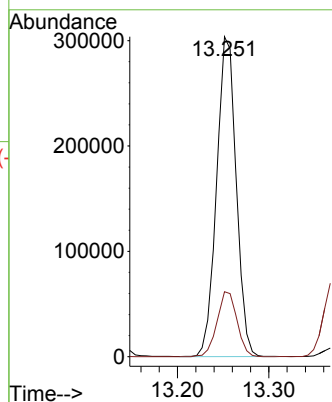
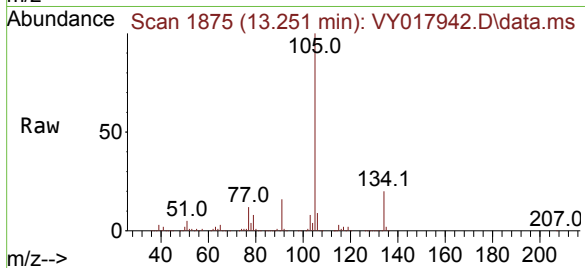
VSTDIC020

Tgt Ion:105 Resp: 452884

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.956 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

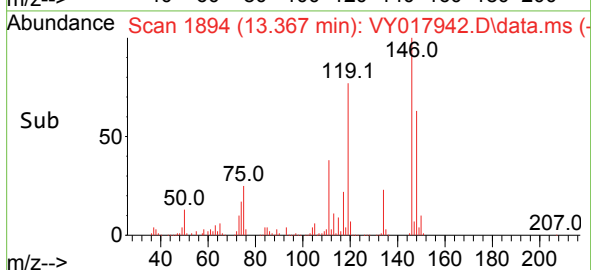
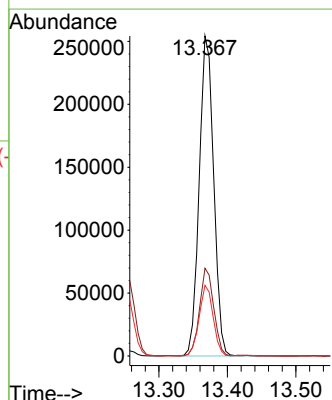
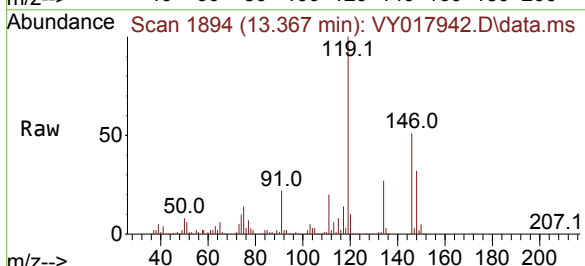
Tgt Ion:119 Resp: 374676

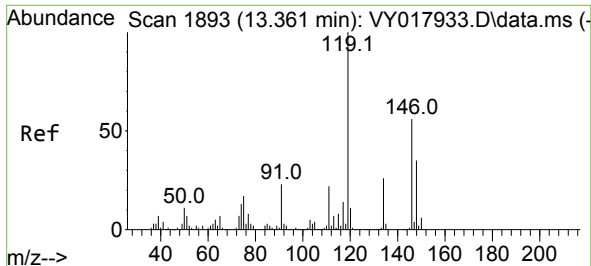
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.3 10.7 32.1

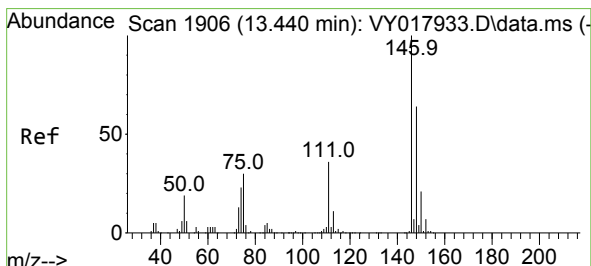
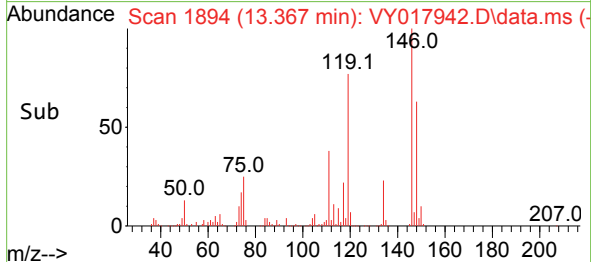
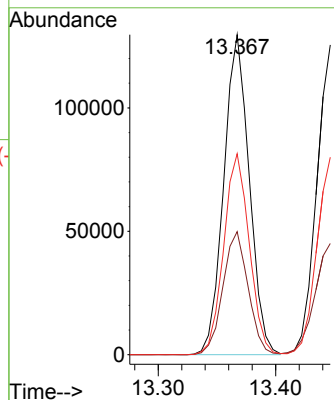
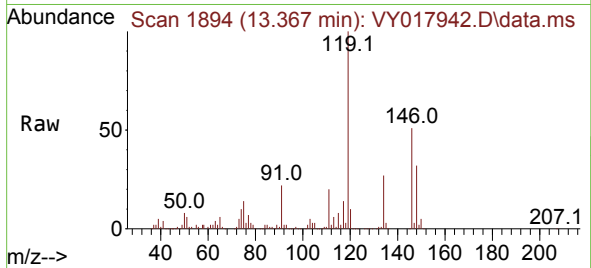




#87
1,3-Dichlorobenzene
Concen: 19.386 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

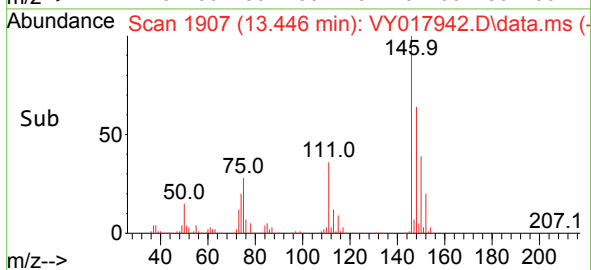
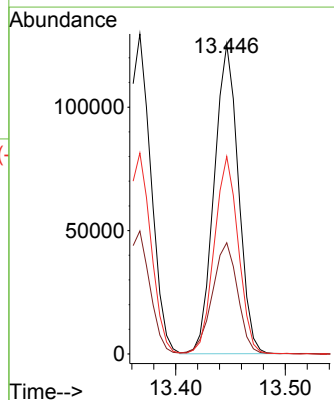
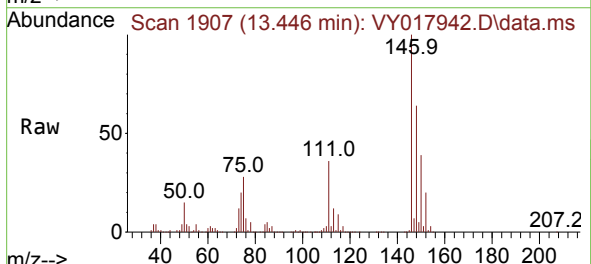
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

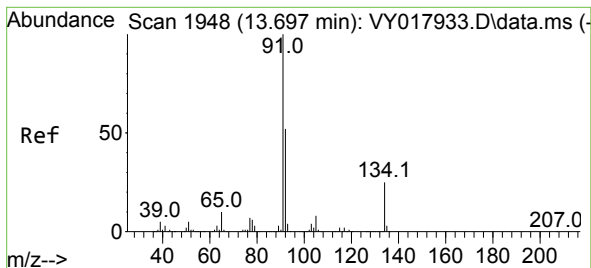
Tgt Ion:146 Resp: 195525
Ion Ratio Lower Upper
146 100
111 38.1 19.0 57.0
148 63.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.408 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion:146 Resp: 192156
Ion Ratio Lower Upper
146 100
111 38.0 18.4 55.4
148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 19.793 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

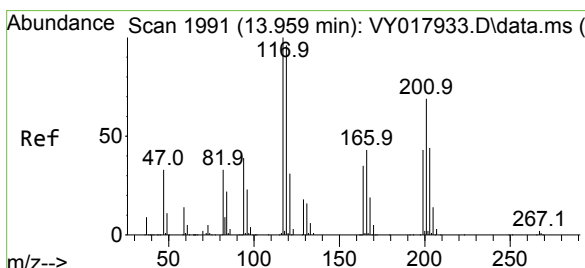
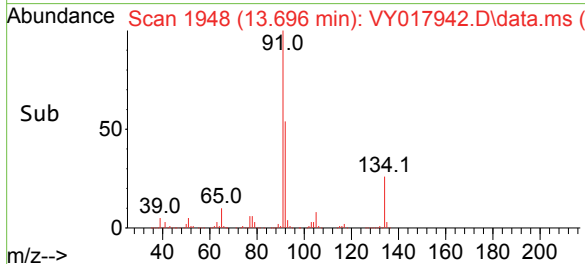
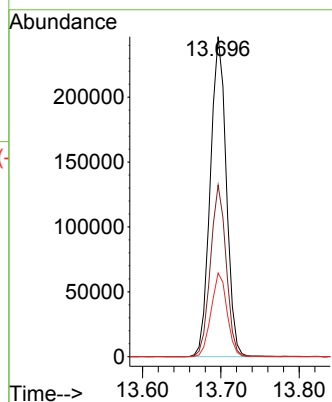
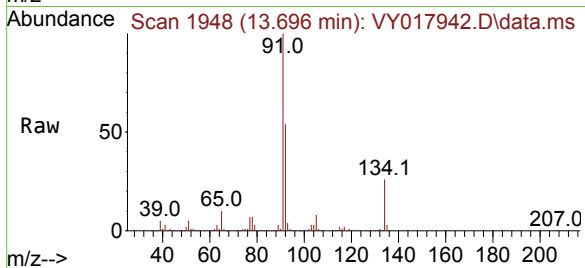
Tgt Ion: 91 Resp: 349623

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 26.0 12.9 38.7



#90

Hexachloroethane

Concen: 19.729 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY017942.D

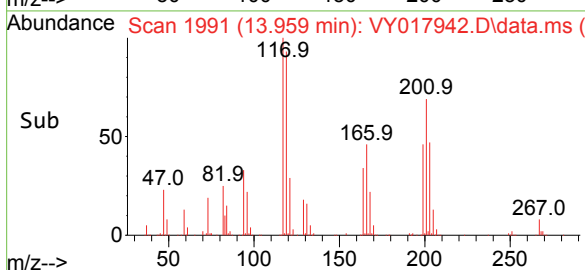
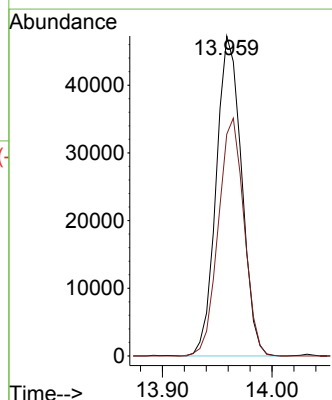
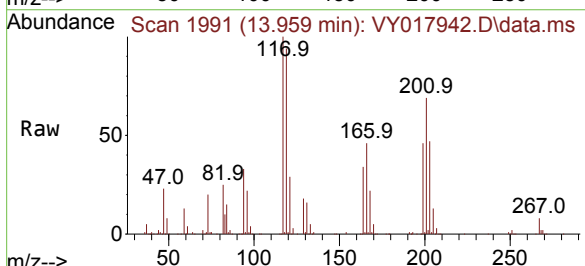
Acq: 16 Apr 2024 11:54

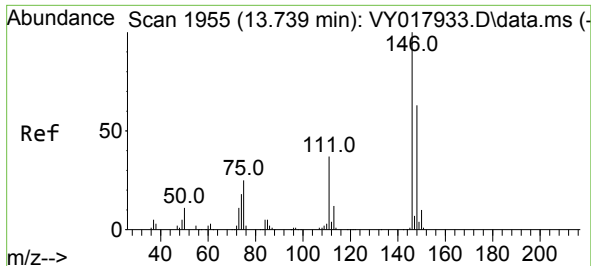
Tgt Ion: 117 Resp: 75958

Ion Ratio Lower Upper

117 100

201 75.3 37.4 112.2

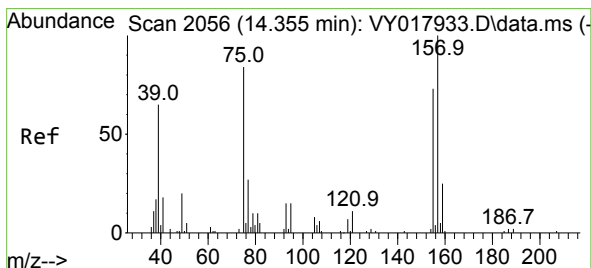
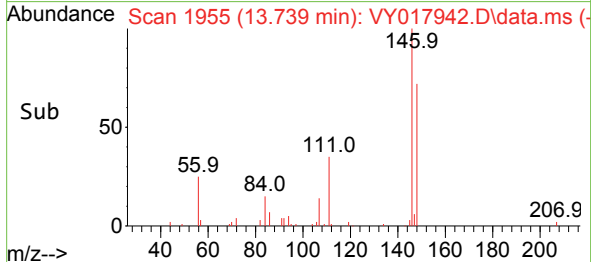
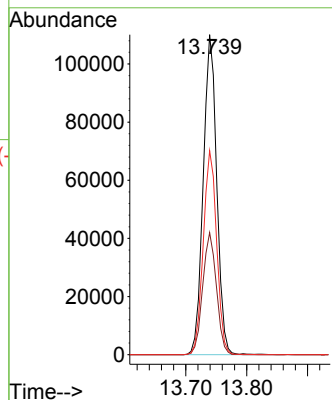
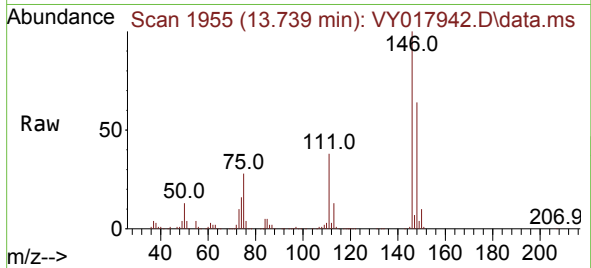




#91
1,2-Dichlorobenzene
Concen: 19.472 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

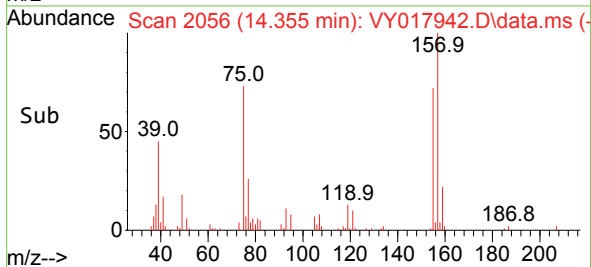
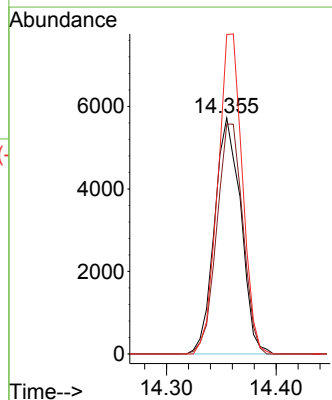
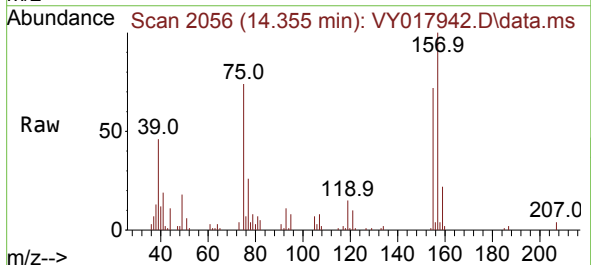
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

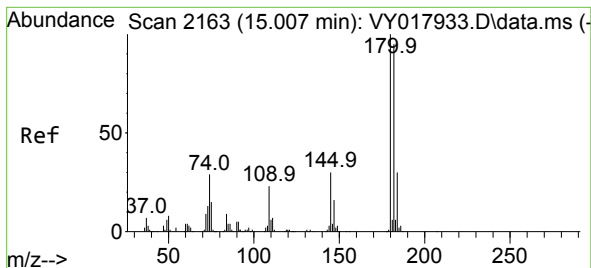
Tgt Ion:146 Resp: 169433
Ion Ratio Lower Upper
146 100
111 38.7 19.9 59.7
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.914 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY017942.D
Acq: 16 Apr 2024 11:54

Tgt Ion: 75 Resp: 9531
Ion Ratio Lower Upper
75 100
155 96.7 48.6 145.8
157 126.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.422 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

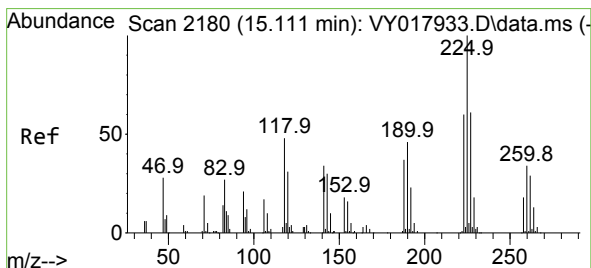
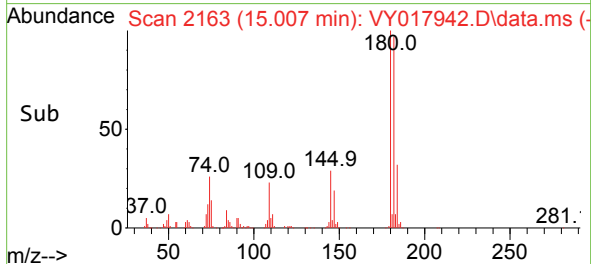
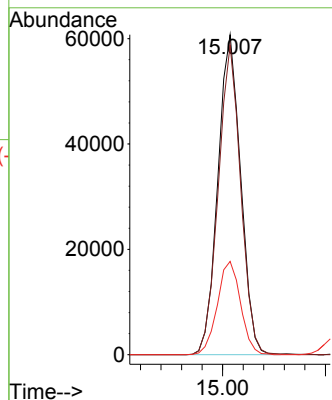
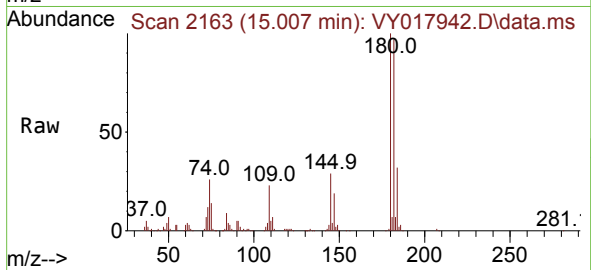
Tgt Ion:180 Resp: 93348

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 29.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.222 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

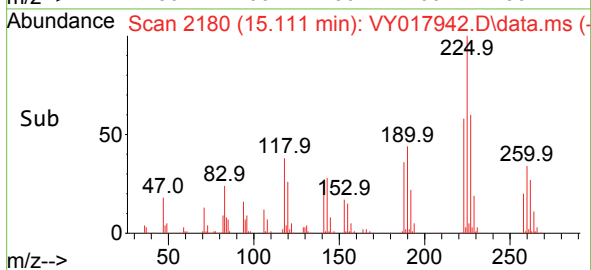
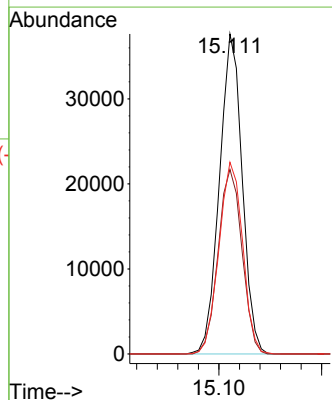
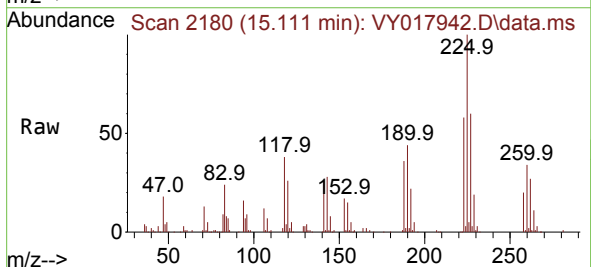
Tgt Ion:225 Resp: 57782

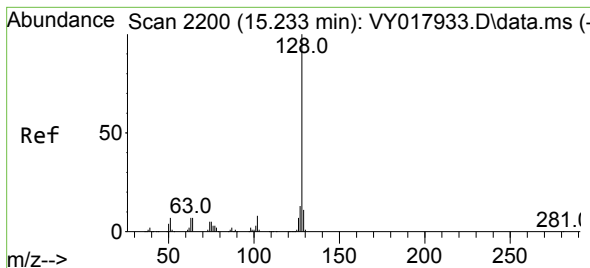
Ion Ratio Lower Upper

225 100

223 60.4 30.4 91.2

227 62.5 31.9 95.9





#95

Naphthalene

Concen: 18.046 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

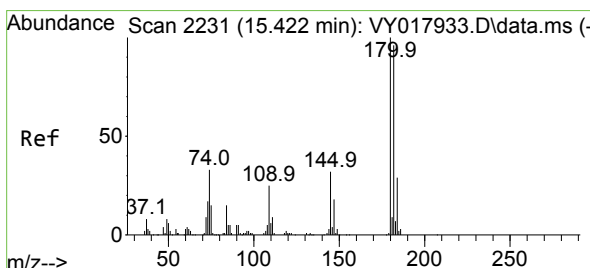
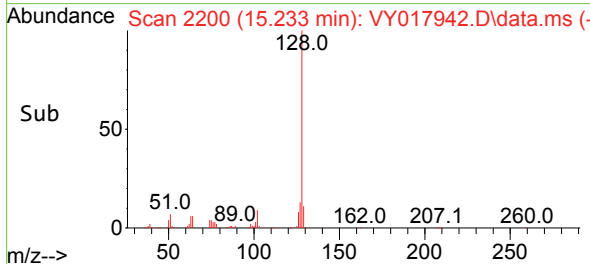
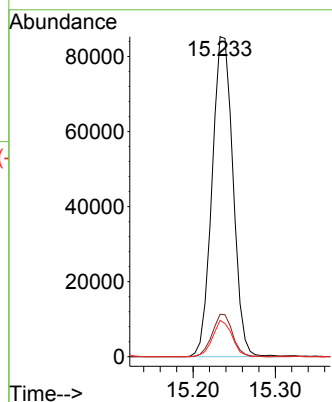
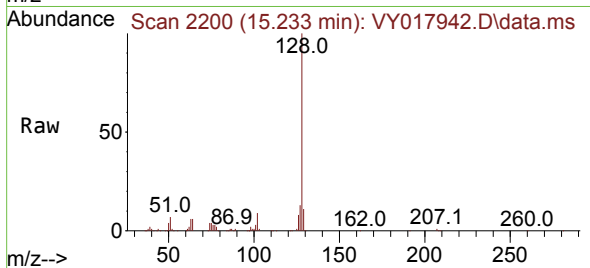
Tgt Ion:128 Resp: 150684

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.705 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY017942.D

Acq: 16 Apr 2024 11:54

Tgt Ion:180 Resp: 79530

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 29.9 15.4 46.1

