

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016574.D
 Acq On : 04 Dec 2023 13:08
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 05 01:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	227756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	348303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	296617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	141672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	43832	20.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.640%#
35) Dibromofluoromethane	7.734	113	42978	20.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.000%#
50) Toluene-d8	10.191	98	168515	21.254	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.500%#
62) 4-Bromofluorobenzene	12.489	95	53572	20.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.100%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	42902	21.325	ug/l	97
3) Chloromethane	2.119	50	43614	20.897	ug/l	97
4) Vinyl Chloride	2.260	62	43114	20.456	ug/l	98
5) Bromomethane	2.662	94	26604	20.151	ug/l	95
6) Chloroethane	2.802	64	27126	20.836	ug/l	95
7) Trichlorofluoromethane	3.137	101	81619	20.485	ug/l	99
8) Diethyl Ether	3.540	74	22370	20.159	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.918	101	45309	20.335	ug/l	98
10) Methyl Iodide	4.107	142	46186	19.619	ug/l	99
11) Tert butyl alcohol	4.972	59	13792	96.160	ug/l #	78
12) 1,1-Dichloroethene	3.893	96	41295	20.402	ug/l	89
13) Acrolein	3.741	56	21585	103.517	ug/l	99
14) Allyl chloride	4.497	41	63108	20.430	ug/l	96
15) Acrylonitrile	5.180	53	44739	99.890	ug/l	98
16) Acetone	3.954	43	49794	104.531	ug/l	98
17) Carbon Disulfide	4.210	76	116974	20.613	ug/l	99
18) Methyl Acetate	4.491	43	34170	18.096	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	98761	19.849	ug/l	96
20) Methylene Chloride	4.729	84	48037	20.915	ug/l	85
21) trans-1,2-Dichloroethene	5.241	96	45845	20.142	ug/l	97
22) Diisopropyl ether	6.137	45	132117	20.797	ug/l	92
23) Vinyl Acetate	6.076	43	313199	102.697	ug/l	96
24) 1,1-Dichloroethane	6.039	63	80277	20.569	ug/l	97
25) 2-Butanone	6.996	43	67084	102.414	ug/l	100
26) 2,2-Dichloropropane	6.996	77	75147	20.481	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	51473	20.544	ug/l	95
28) Bromochloromethane	7.350	49	31495	19.922	ug/l	90
29) Tetrahydrofuran	7.362	42	36561	97.900	ug/l	94
30) Chloroform	7.521	83	84860	20.397	ug/l	97
31) Cyclohexane	7.801	56	72901	20.286	ug/l	88
32) 1,1,1-Trichloroethane	7.716	97	79127	20.097	ug/l	98
36) 1,1-Dichloropropene	7.929	75	65489	20.553	ug/l	98
37) Ethyl Acetate	7.088	43	26188	19.642	ug/l	97
38) Carbon Tetrachloride	7.917	117	74386	20.166	ug/l	98
39) Methylcyclohexane	9.197	83	76665	19.970	ug/l	95
40) Benzene	8.173	78	184995	20.598	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	14654	19.518	ug/l #	66
42) 1,2-Dichloroethane	8.252	62	52326	20.065	ug/l	96
43) Isopropyl Acetate	8.283	43	50056	19.462	ug/l #	92
44) Trichloroethene	8.953	130	55029	20.318	ug/l	95
45) 1,2-Dichloropropane	9.228	63	43780	20.248	ug/l	99
46) Dibromomethane	9.313	93	23600	19.910	ug/l	99
47) Bromodichloromethane	9.508	83	63462	20.110	ug/l	97
48) Methyl methacrylate	9.307	41	28251	19.019	ug/l	92
49) 1,4-Dioxane	9.313	88	4468	372.404	ug/l #	44
51) 4-Methyl-2-Pentanone	10.081	43	131064	98.054	ug/l	96
52) Toluene	10.258	92	115736	20.561	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	58877	19.769	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	69588	19.895	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	33353	20.200	ug/l	95
56) Ethyl methacrylate	10.520	69	28961	19.135	ug/l	92
57) 1,3-Dichloropropane	10.795	76	56384	20.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	92076	98.718	ug/l	93
59) 2-Hexanone	10.843	43	104866	103.709	ug/l	96
60) Dibromochloromethane	10.996	129	44326	20.092	ug/l	98
61) 1,2-Dibromoethane	11.099	107	30965	19.939	ug/l	99
64) Tetrachloroethene	10.727	164	55730	20.501	ug/l	97
65) Chlorobenzene	11.526	112	124534	20.729	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	47909	20.403	ug/l	100
67) Ethyl Benzene	11.599	91	221718	20.578	ug/l	99
68) m/p-Xylenes	11.709	106	169861	41.528	ug/l	95
69) o-Xylene	12.038	106	78142	20.465	ug/l	98
70) Styrene	12.050	104	112642	20.561	ug/l	99
71) Bromoform	12.215	173	25444	20.067	ug/l #	98
73) Isopropylbenzene	12.337	105	216073	20.597	ug/l	100
74) N-amyl acetate	12.154	43	41032	19.616	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	33029	19.795	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	45104	34.386	ug/l #	100
77) Bromobenzene	12.617	156	50555	20.448	ug/l	92
78) n-propylbenzene	12.678	91	253295	20.745	ug/l	97
79) 2-Chlorotoluene	12.764	91	142403	20.697	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	176952	20.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	11490	20.253	ug/l	95
82) 4-Chlorotoluene	12.861	91	144917	20.355	ug/l	99
83) tert-Butylbenzene	13.081	119	158096	20.758	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	171020	20.540	ug/l	97
85) sec-Butylbenzene	13.264	105	224208	20.961	ug/l	99
86) p-Isopropyltoluene	13.379	119	190200	20.484	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	96297	20.404	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	92670	20.007	ug/l	98
89) n-Butylbenzene	13.703	91	172935	20.710	ug/l	97
90) Hexachloroethane	13.971	117	37091	20.302	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	81822	20.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4996	18.711	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	43387	18.975	ug/l	99
94) Hexachlorobutadiene	15.123	225	28258	19.561	ug/l	98
95) Naphthalene	15.245	128	69695	20.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	33845	20.180	ug/l	96

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QLast Update : Tue Dec 05 00:54:37 2023
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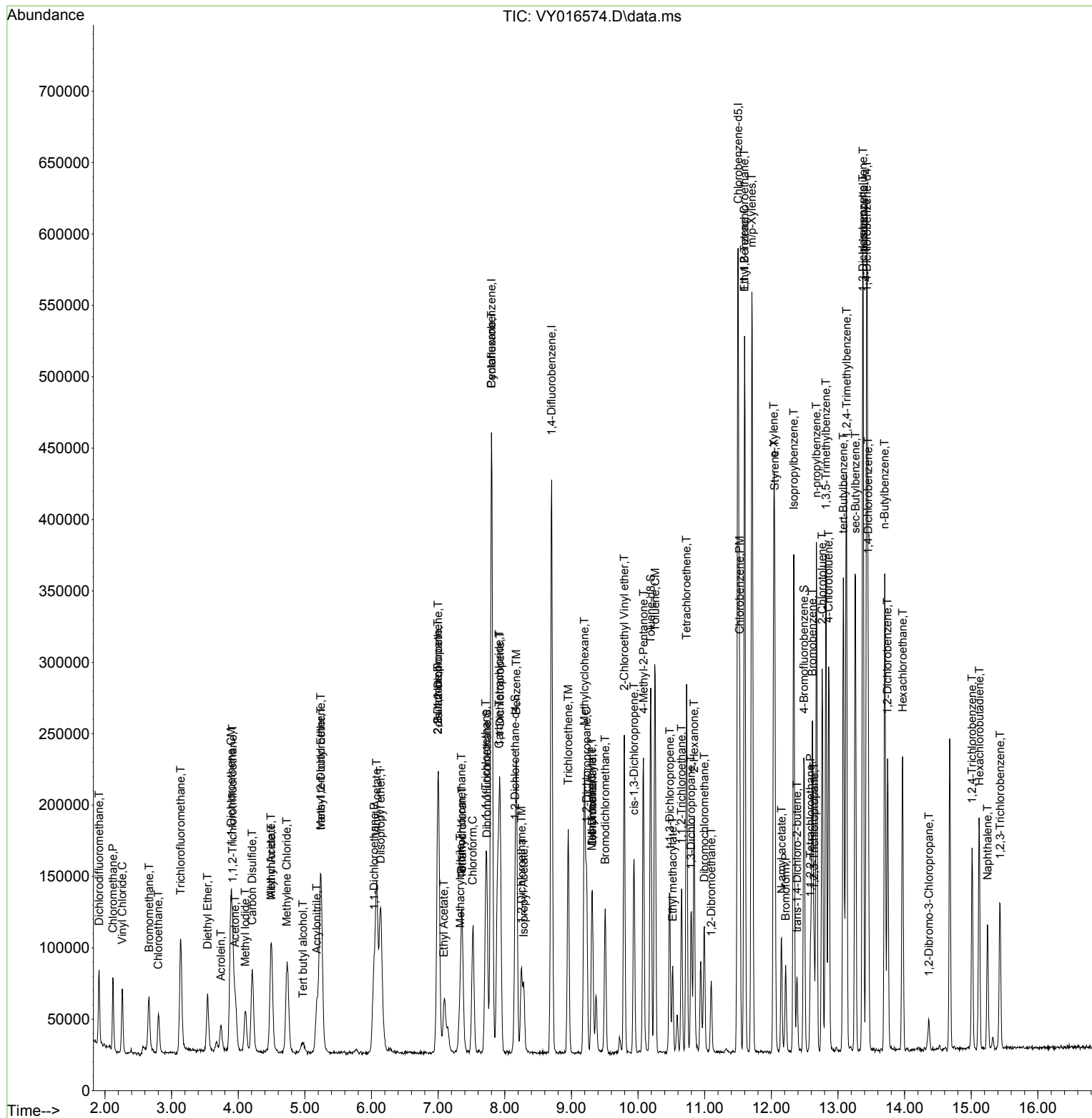
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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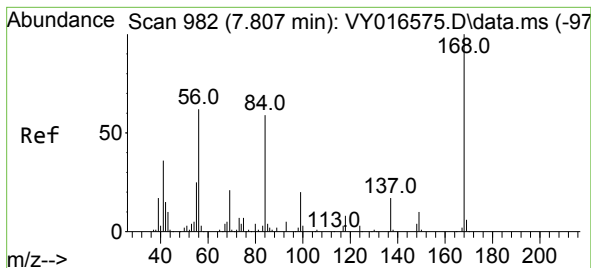
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY016574.D

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Instrument :

MSVOA_Y

ClientSampleId :

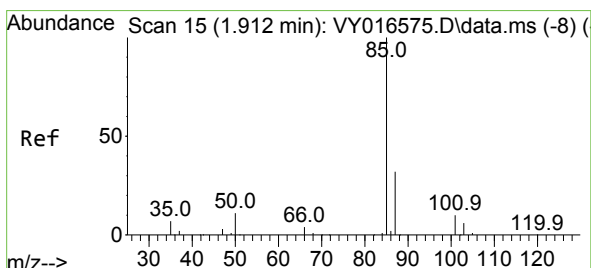
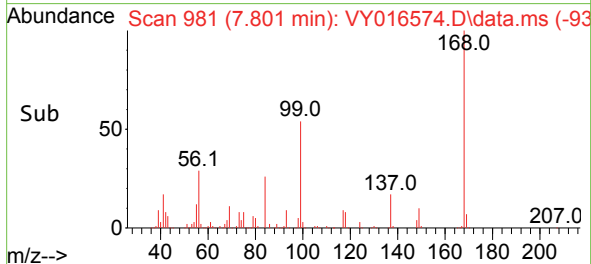
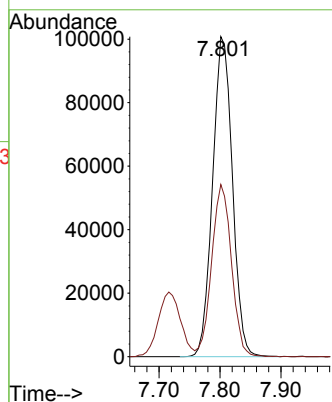
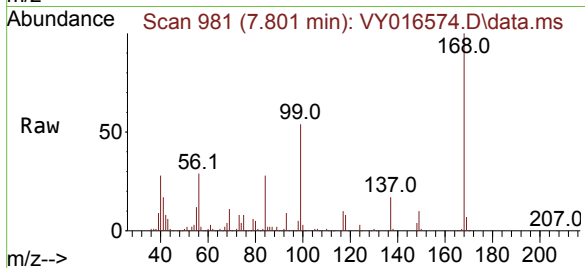
VSTDICC020

Tgt Ion:168 Resp: 227756

Ion Ratio Lower Upper

168 100

99 53.8 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 21.325 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY016574.D

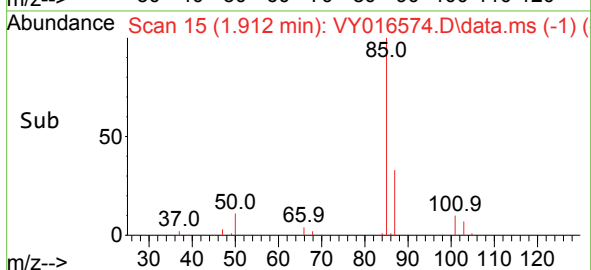
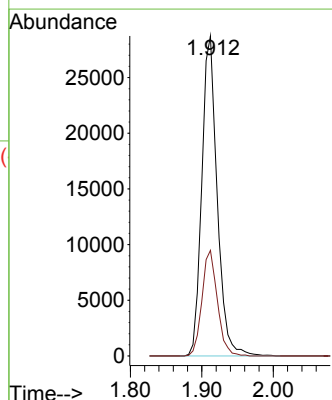
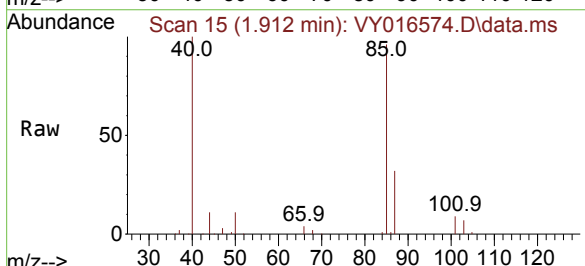
Acq: 04 Dec 2023 13:08

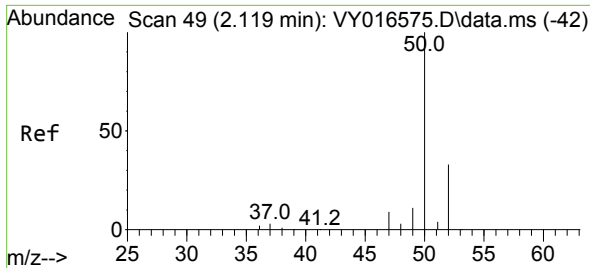
Tgt Ion: 85 Resp: 42902

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8

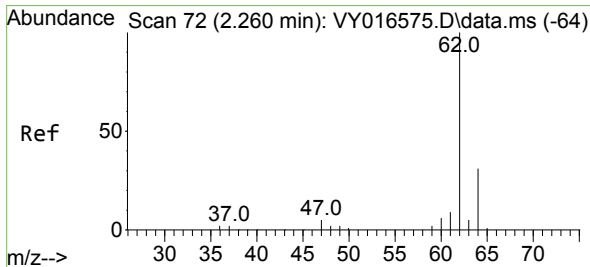
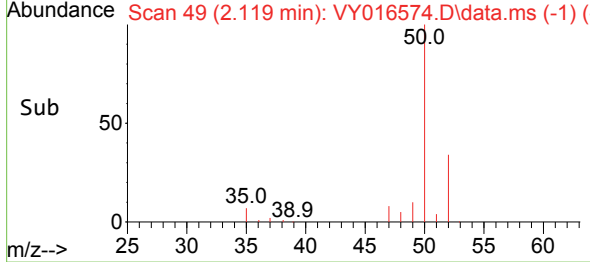
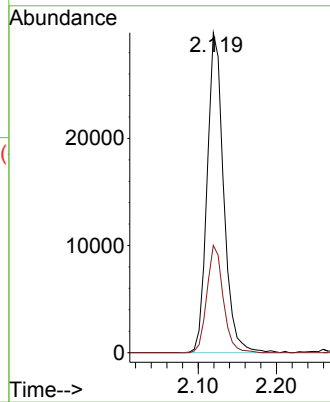
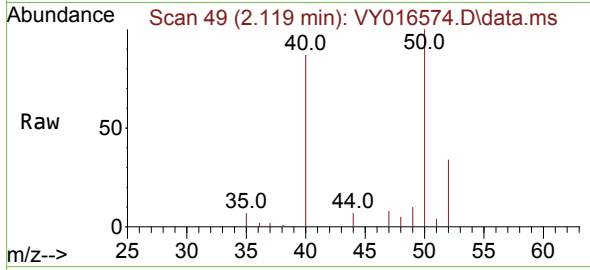




#3
Chloromethane
Concen: 20.897 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

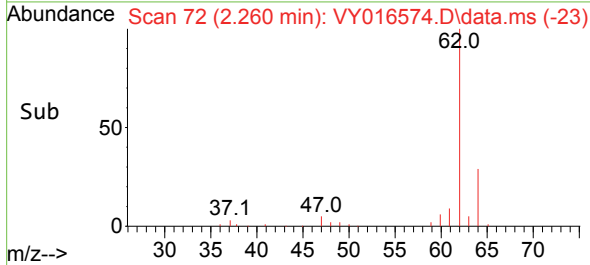
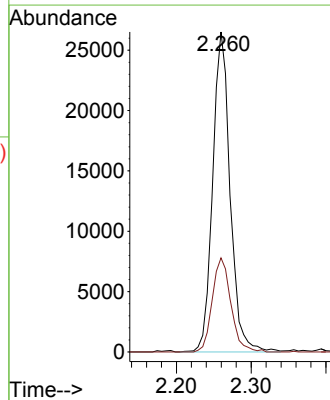
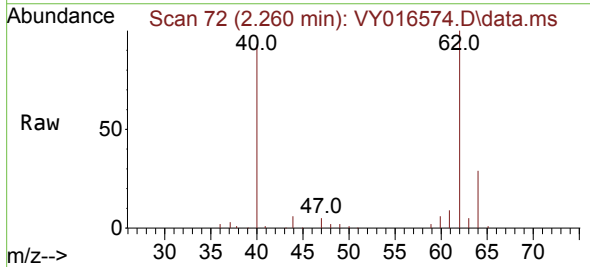
Instrument :
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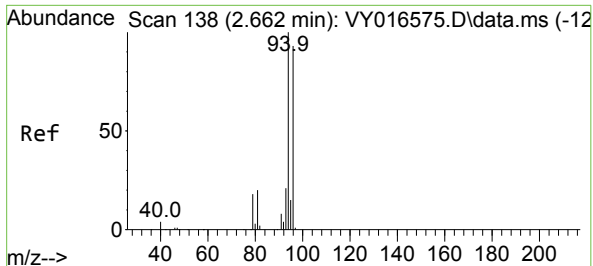
Tgt Ion: 50 Resp: 43614
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2



#4
Vinyl Chloride
Concen: 20.456 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 62 Resp: 43114
Ion Ratio Lower Upper
62 100
64 29.4 24.3 36.5

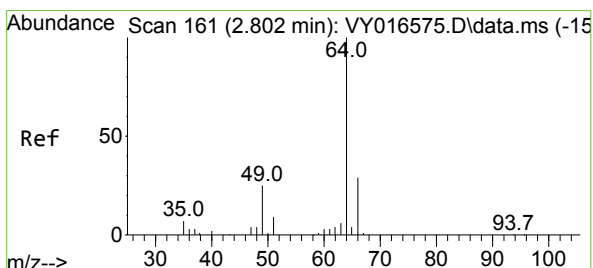
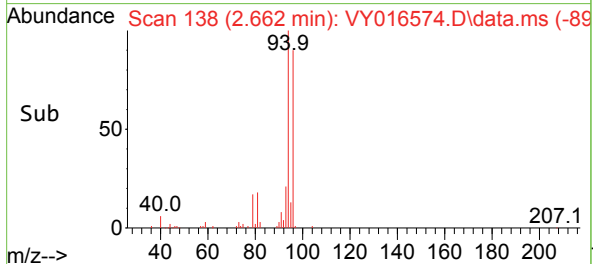
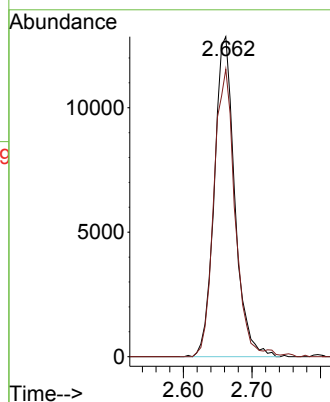
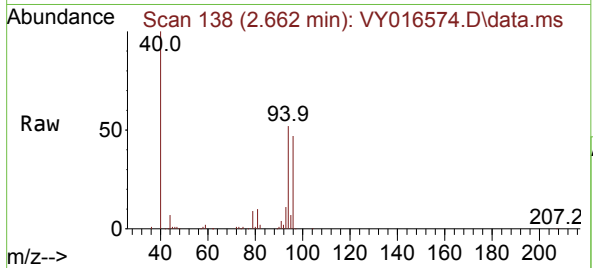




#5
Bromomethane
Concen: 20.151 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016574.D
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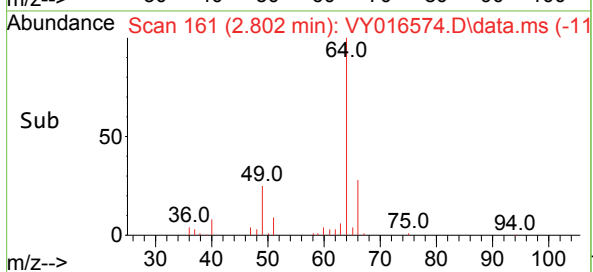
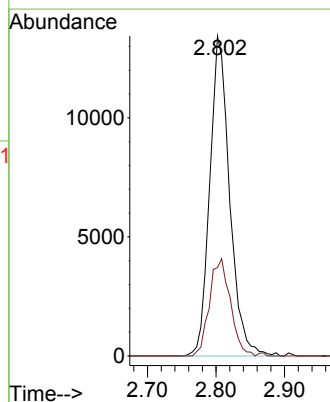
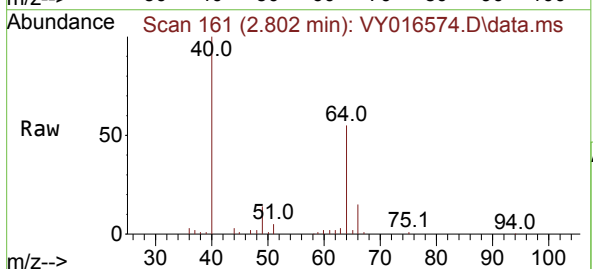
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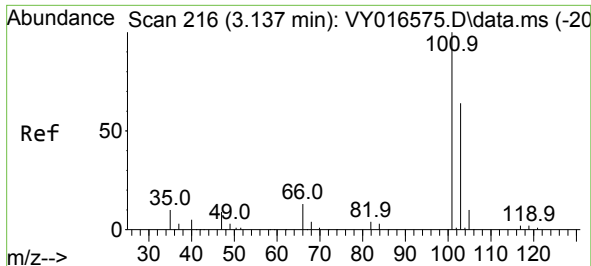
Tgt Ion: 94 Resp: 26604
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6



#6
Chloroethane
Concen: 20.836 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 64 Resp: 27126
Ion Ratio Lower Upper
64 100
66 27.6 24.4 36.6

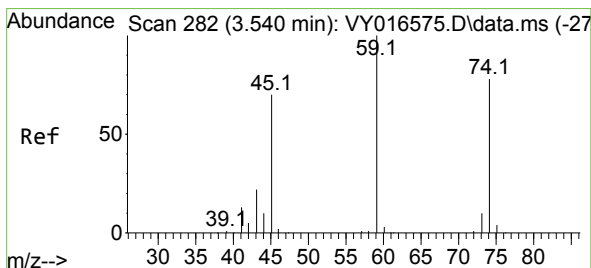
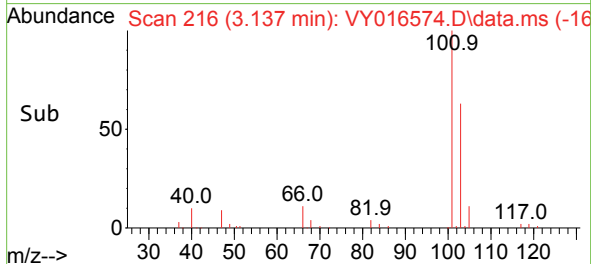
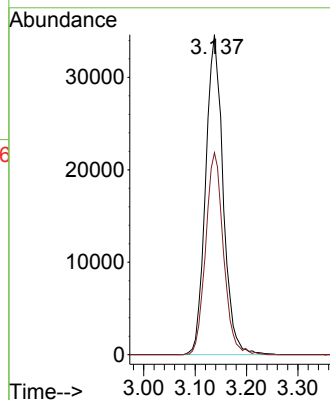
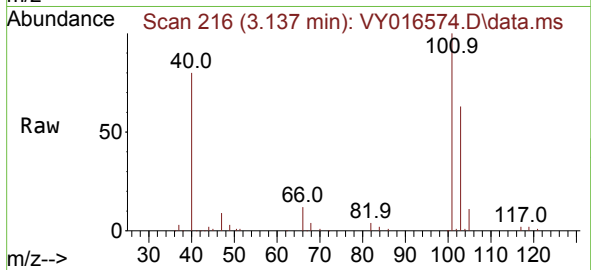




#7
Trichlorofluoromethane
Concen: 20.485 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

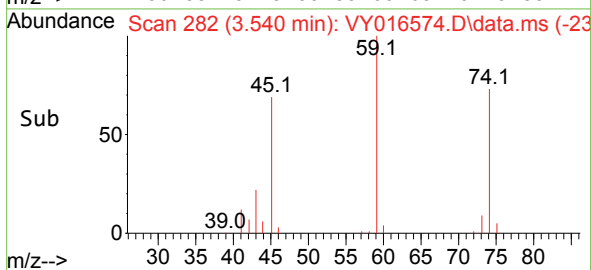
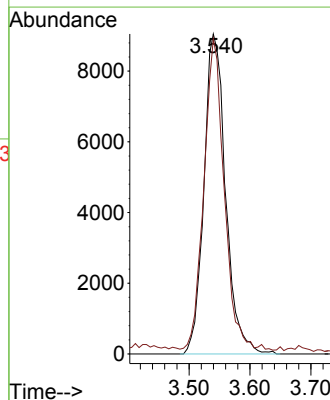
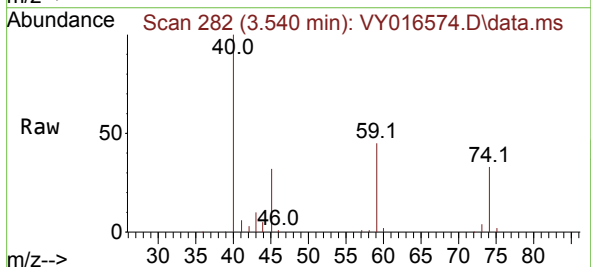
Instrument :
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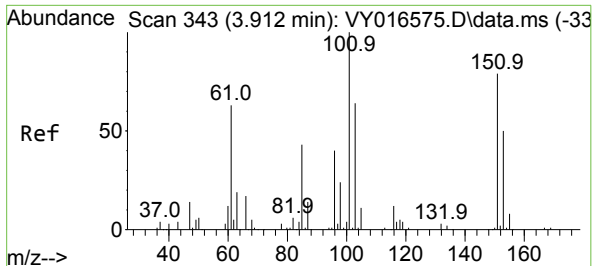
Tgt Ion:101 Resp: 81619
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0



#8
Diethyl Ether
Concen: 20.159 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 22370
Ion Ratio Lower Upper
74 100
45 90.2 51.5 154.5

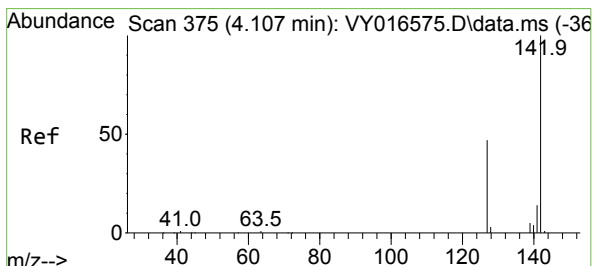
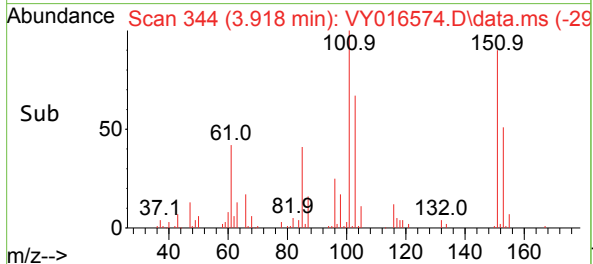
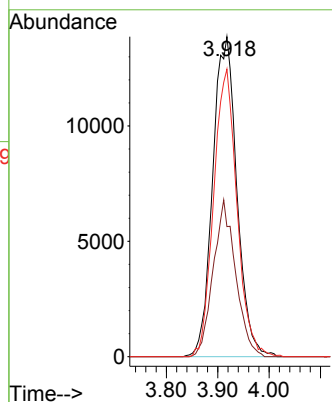
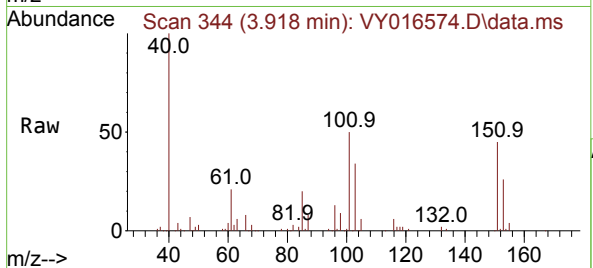




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.335 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

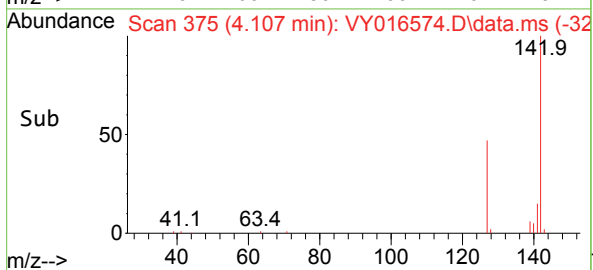
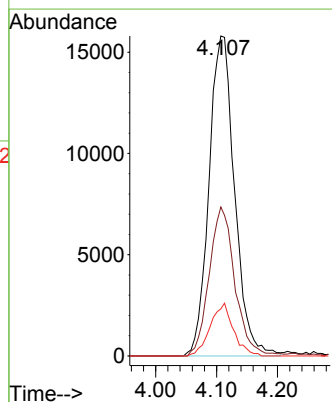
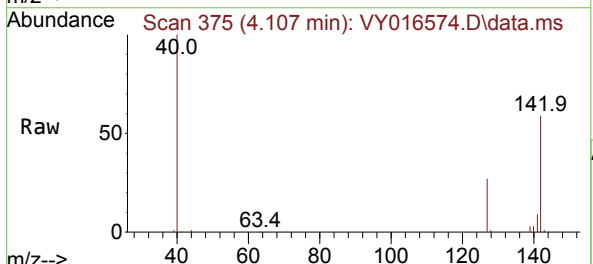
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

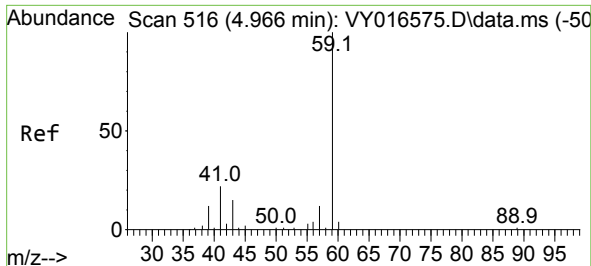
Tgt Ion:101 Resp: 45309
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 86.8 67.0 100.6



#10
Methyl Iodide
Concen: 19.619 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion:142 Resp: 46186
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.9 11.8 17.8

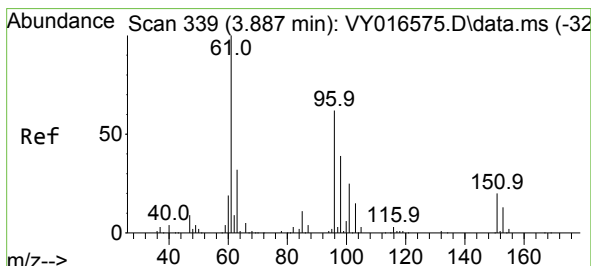
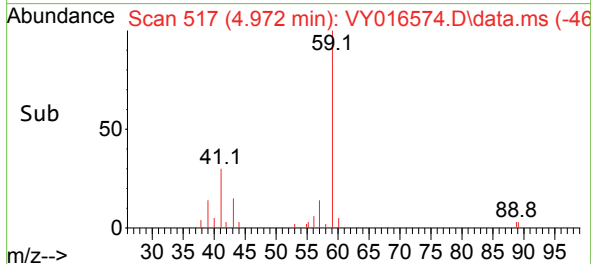
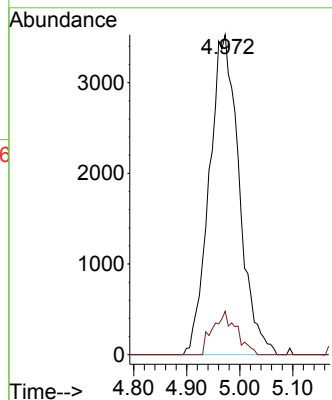
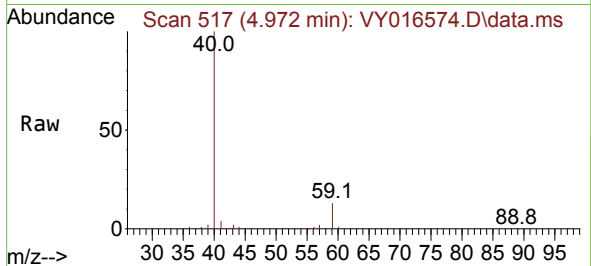




#11
Tert butyl alcohol
Concen: 96.160 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

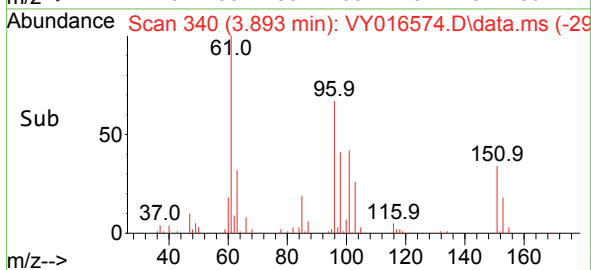
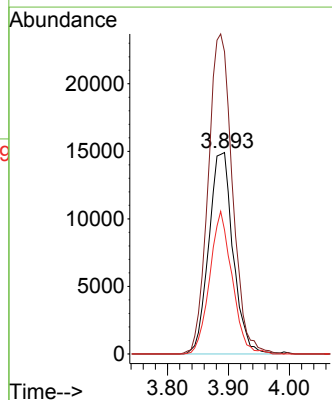
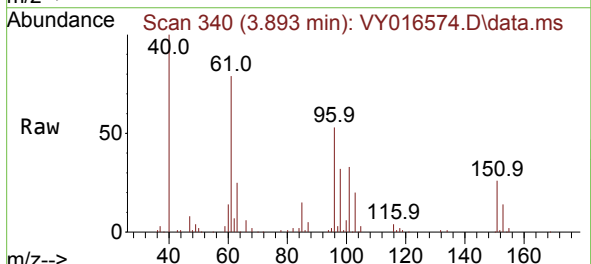
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

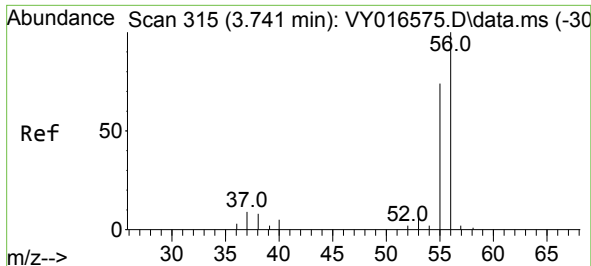
Tgt Ion: 59 Resp: 13792
Ion Ratio Lower Upper
59 100
57 10.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.402 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 96 Resp: 41295
Ion Ratio Lower Upper
96 100
61 150.0 136.4 204.6
98 61.6 49.4 74.2





#13

Acrolein

Concen: 103.517 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

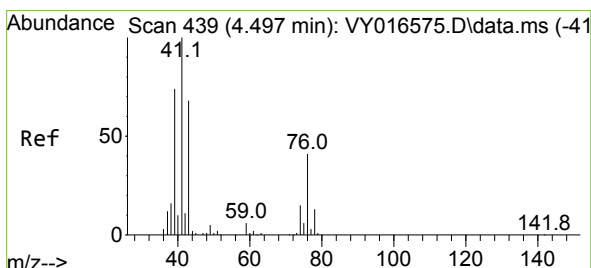
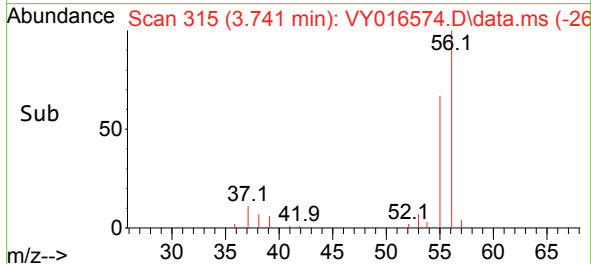
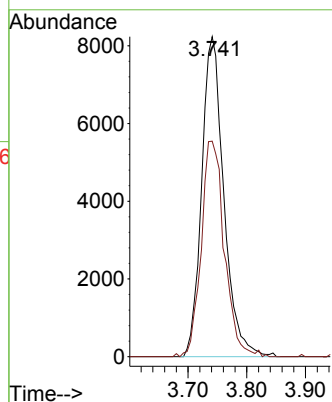
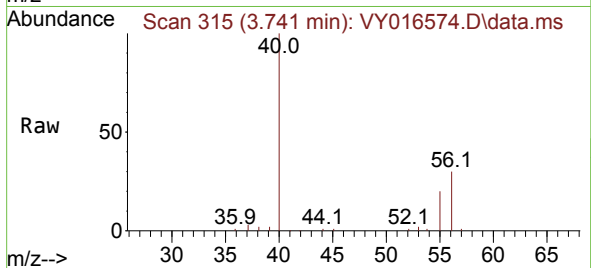
VSTDICC020

Tgt Ion: 56 Resp: 21585

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.4



#14

Allyl chloride

Concen: 20.430 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

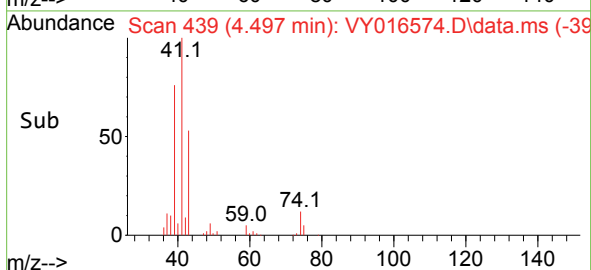
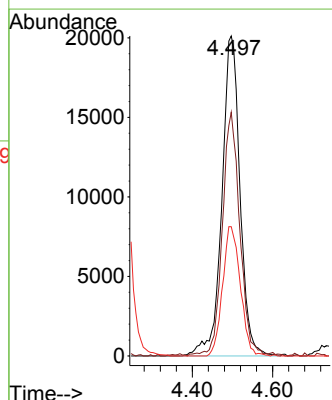
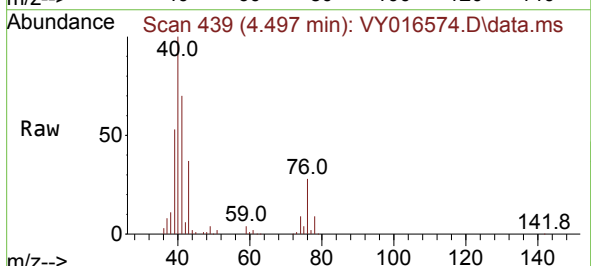
Tgt Ion: 41 Resp: 63108

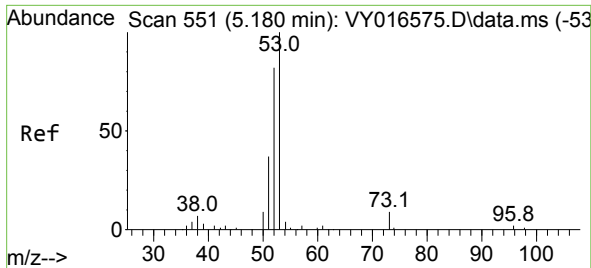
Ion Ratio Lower Upper

41 100

39 73.4 58.0 87.0

76 39.5 27.4 41.2

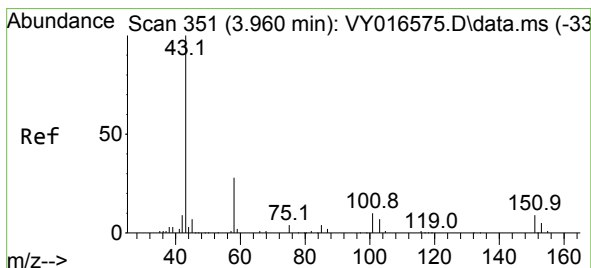
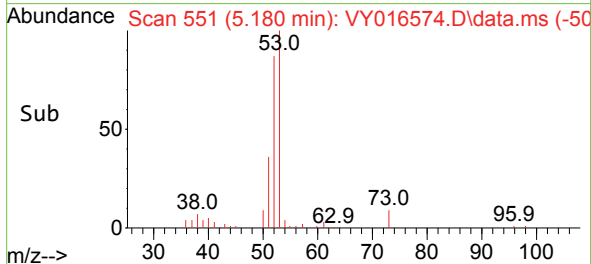
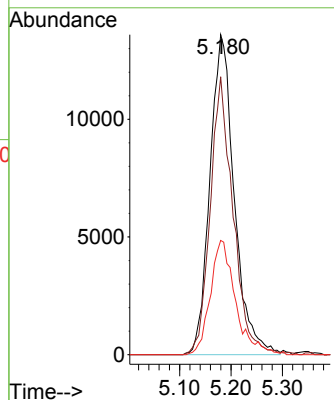
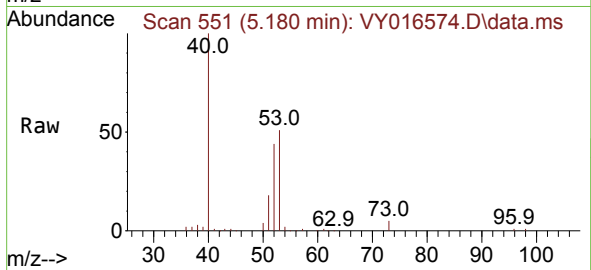




#15
Acrylonitrile
Concen: 99.890 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

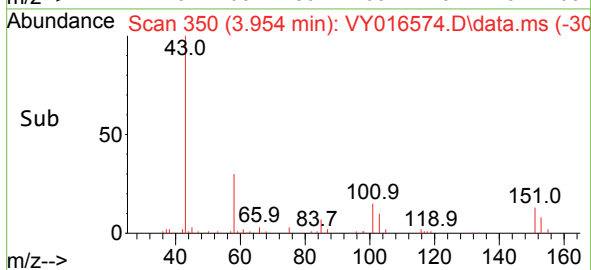
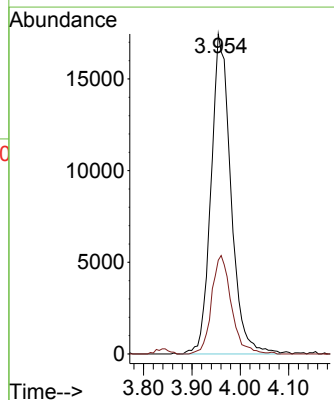
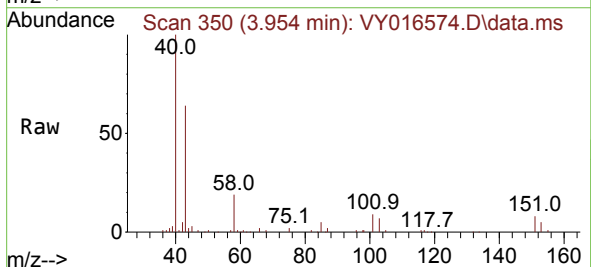
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

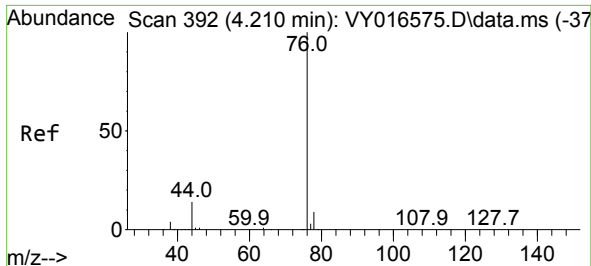
Tgt Ion:	53	Resp:	44739
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.9	100.3
51	37.0	29.8	44.6



#16
Acetone
Concen: 104.531 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion:	43	Resp:	49794
Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.7	34.1

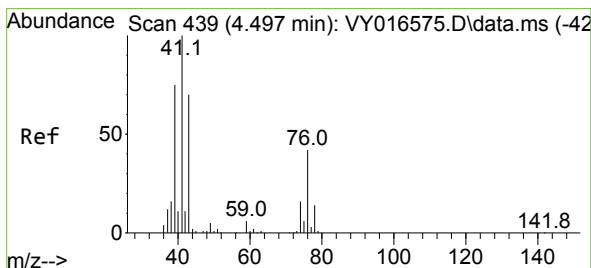
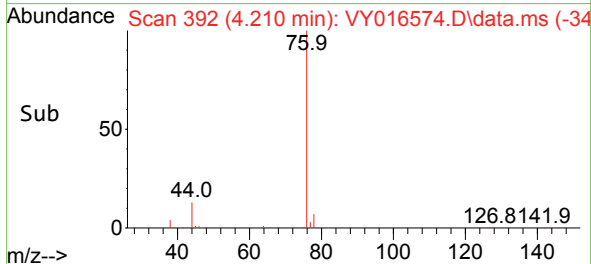
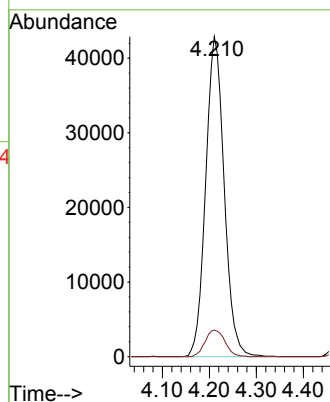
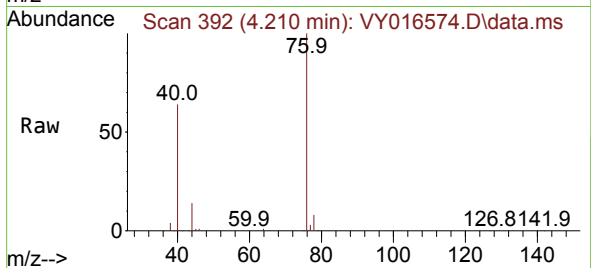




#17
Carbon Disulfide
Concen: 20.613 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

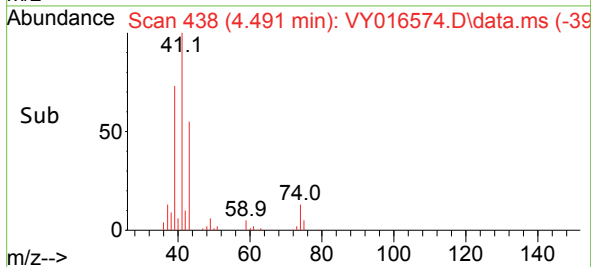
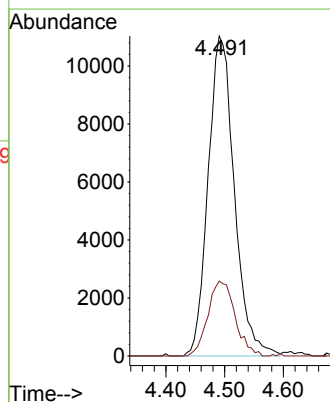
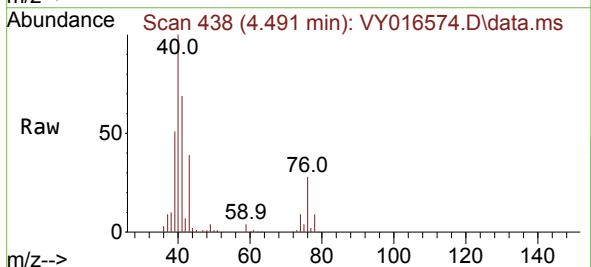
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

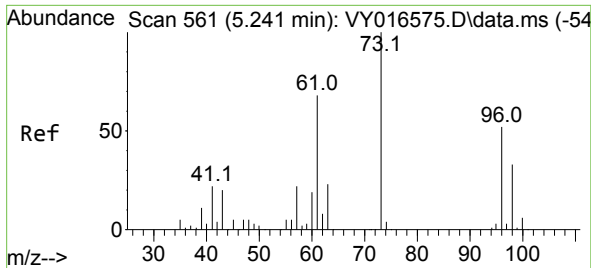
Tgt Ion: 76 Resp: 116974
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#18
Methyl Acetate
Concen: 18.096 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 43 Resp: 34170
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0

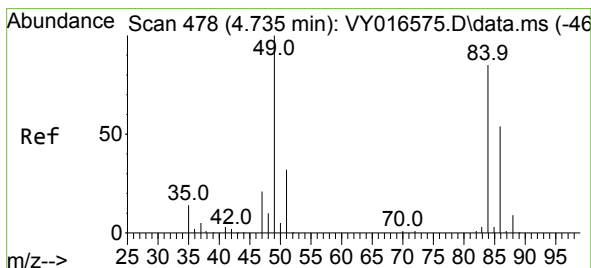
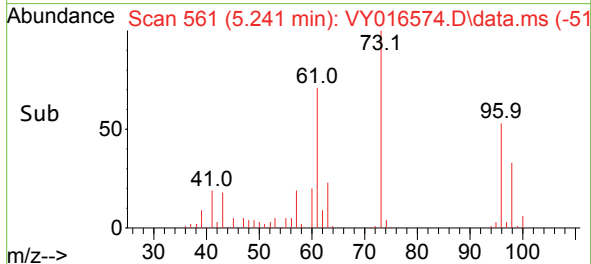
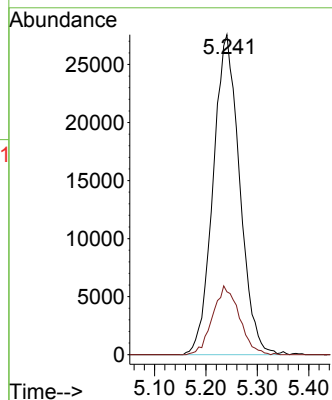
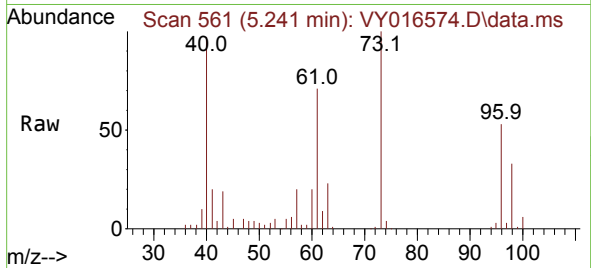




#19
Methyl tert-butyl Ether
Concen: 19.849 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

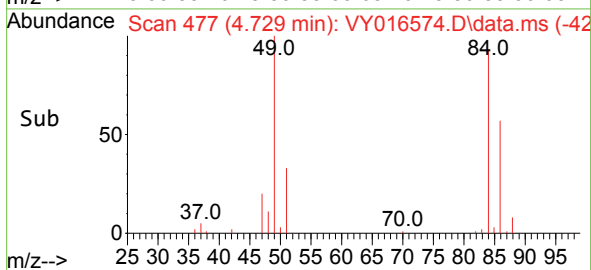
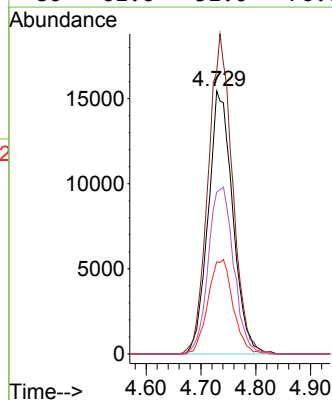
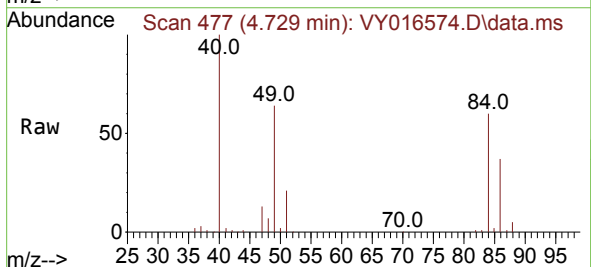
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

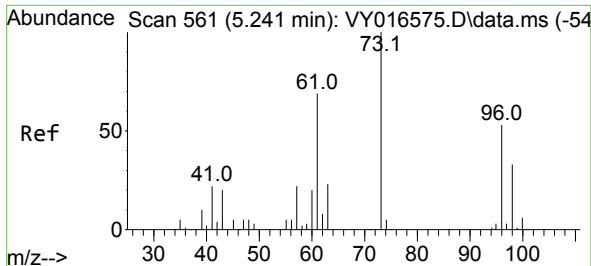
Tgt Ion: 73 Resp: 98761
Ion Ratio Lower Upper
73 100
57 19.6 17.3 25.9



#20
Methylene Chloride
Concen: 20.915 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 84 Resp: 48037
Ion Ratio Lower Upper
84 100
49 107.2 106.9 160.3
51 35.0 33.2 49.8
86 61.6 51.0 76.6

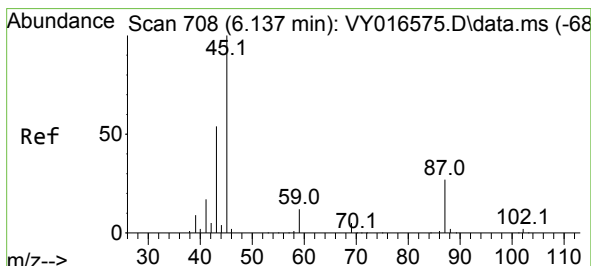
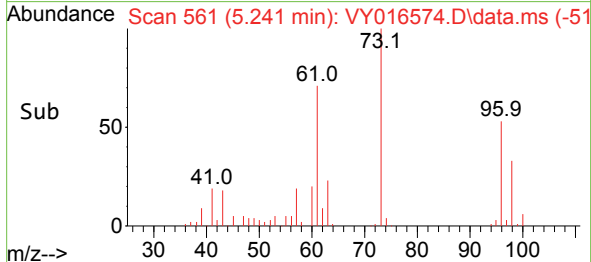
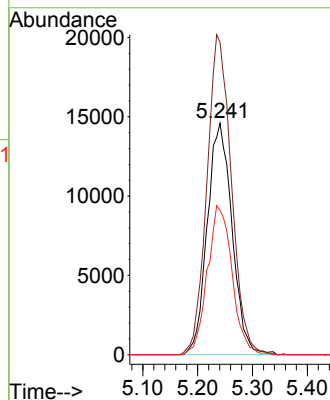
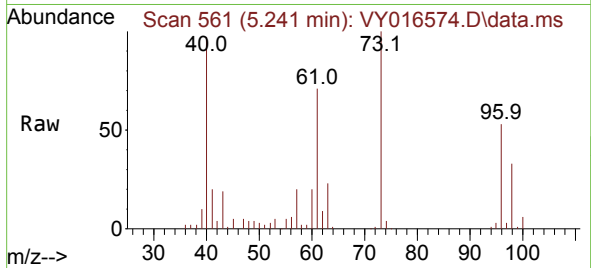




#21
trans-1,2-Dichloroethene
Concen: 20.142 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

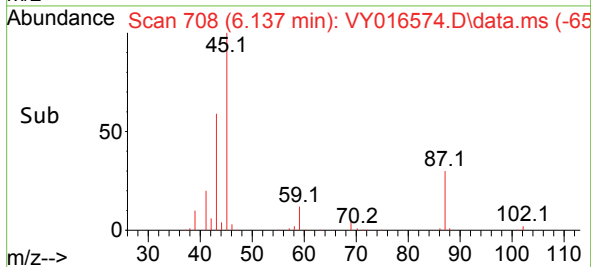
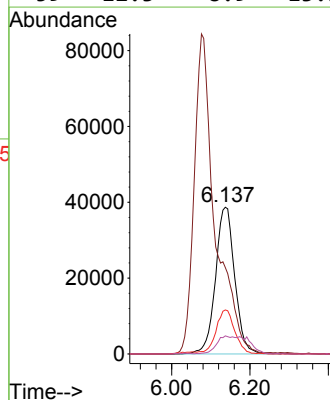
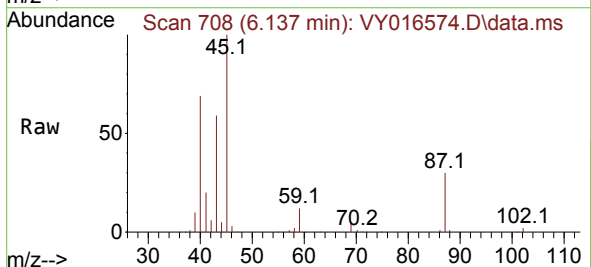
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

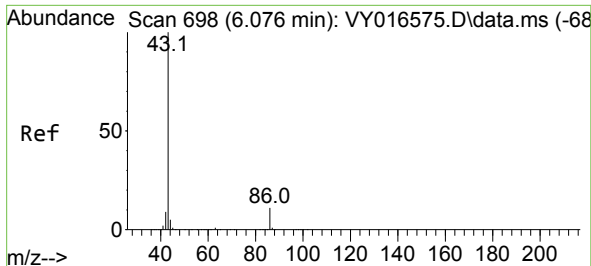
Tgt Ion: 96 Resp: 45845
Ion Ratio Lower Upper
96 100
61 134.9 110.2 165.4
98 62.3 51.8 77.6



#22
Diisopropyl ether
Concen: 20.797 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 45 Resp: 132117
Ion Ratio Lower Upper
45 100
43 58.0 52.2 78.4
87 30.0 21.0 31.6
59 12.3 8.9 13.3

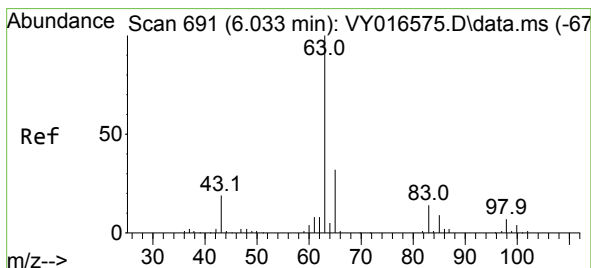
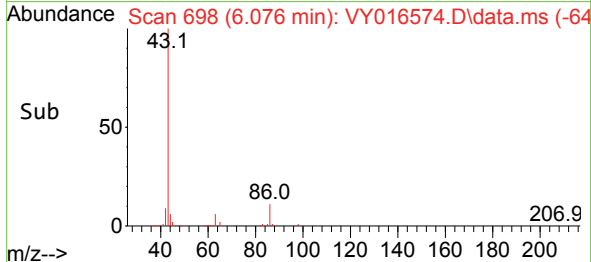
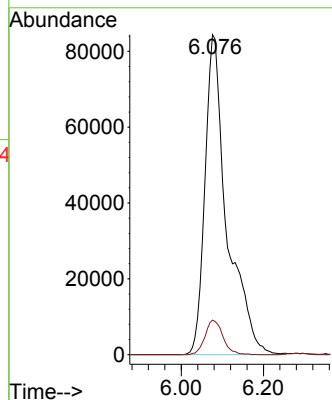
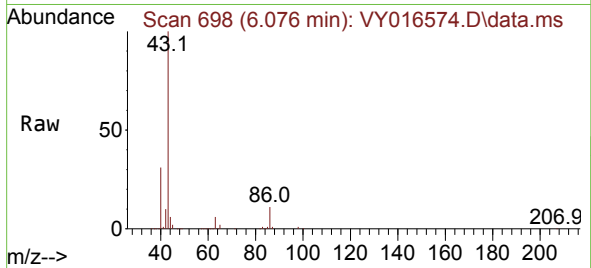




#23
 Vinyl Acetate
 Concen: 102.697 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY016574.D
 Acq: 04 Dec 2023 13:08

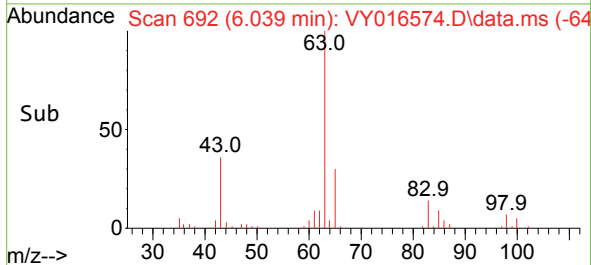
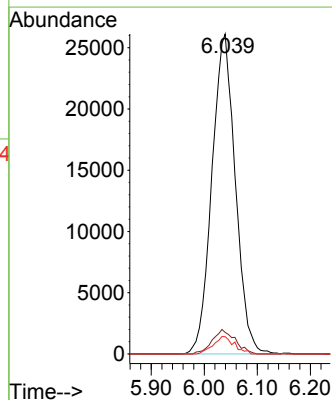
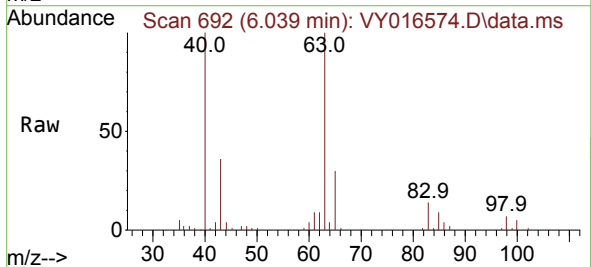
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

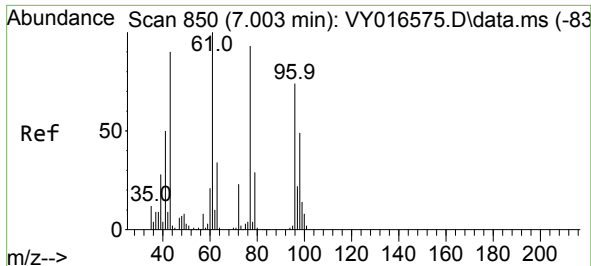
Tgt Ion: 43 Resp: 313199
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.569 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016574.D
 Acq: 04 Dec 2023 13:08

Tgt Ion: 63 Resp: 80277
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 5.4 1.8 5.5

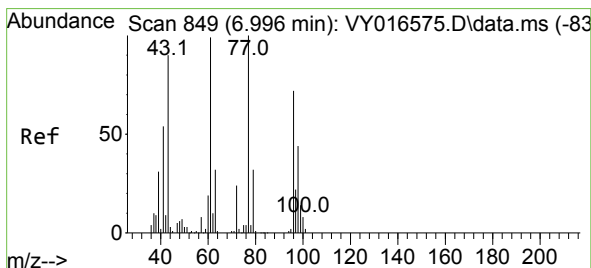
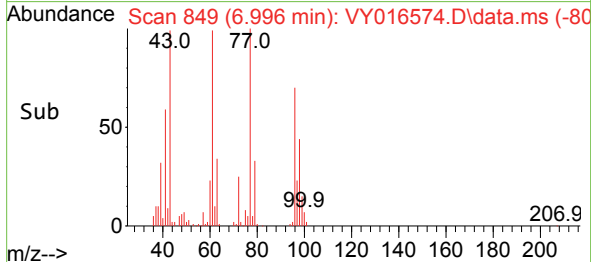
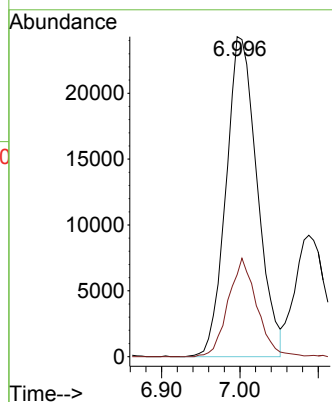
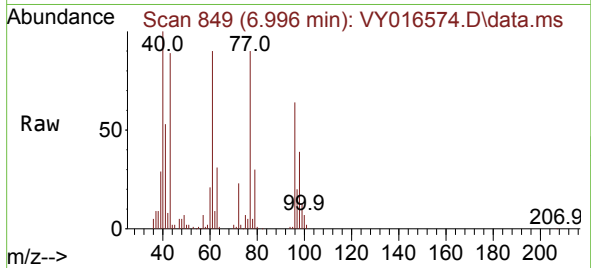




#25
2-Butanone
Concen: 102.414 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

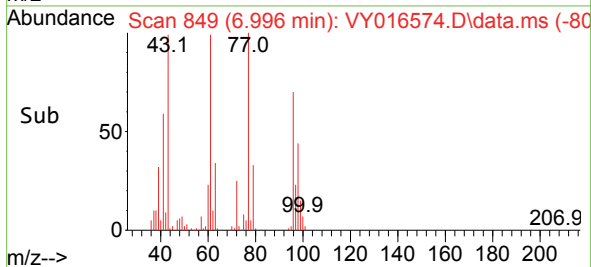
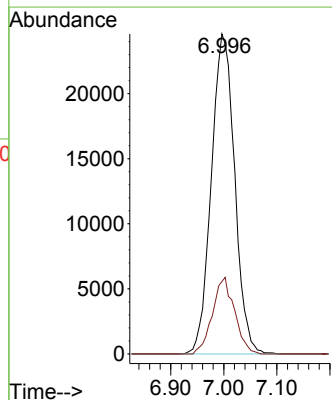
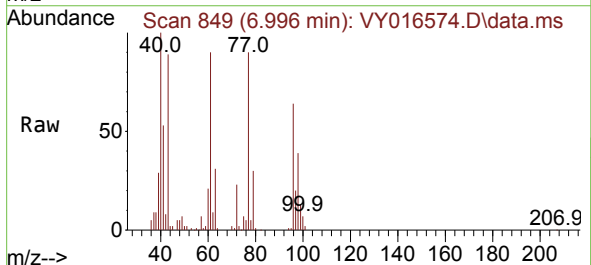
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

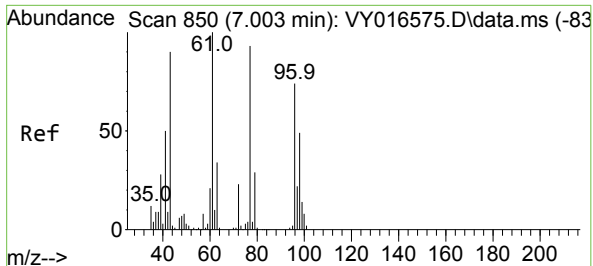
Tgt Ion: 43 Resp: 67084
Ion Ratio Lower Upper
43 100
72 25.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.481 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 77 Resp: 75147
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.544 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

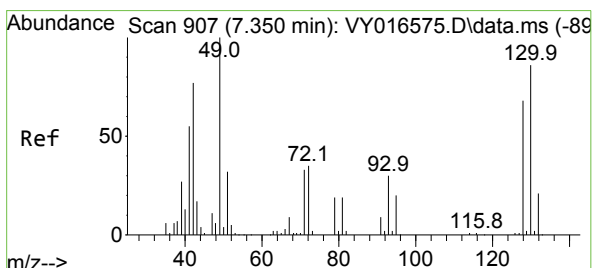
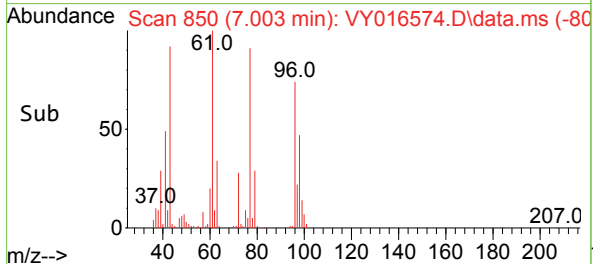
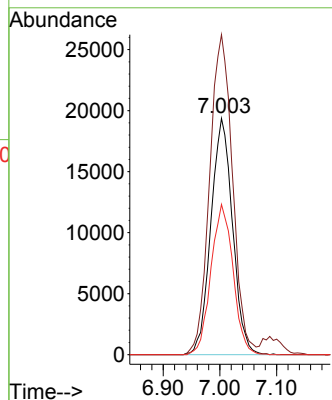
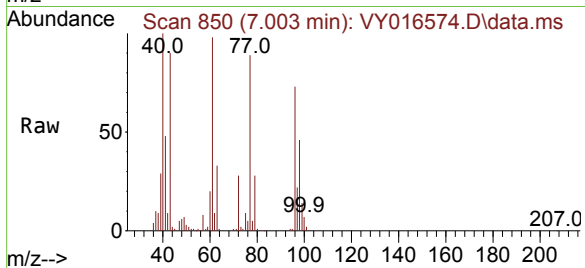
Tgt Ion: 96 Resp: 51473

Ion Ratio Lower Upper

96 100

61 142.6 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 19.922 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

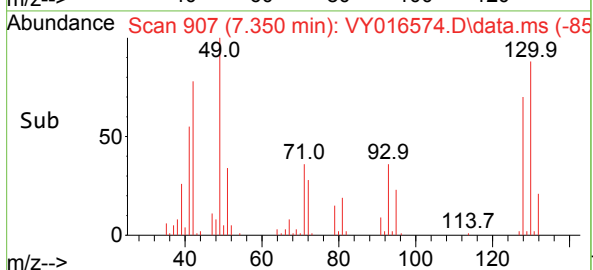
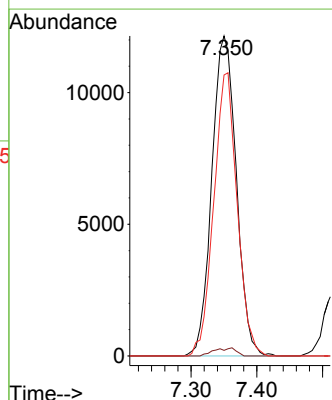
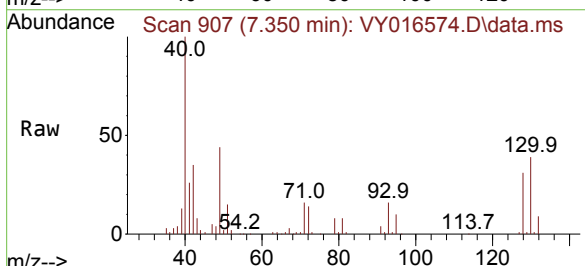
Tgt Ion: 49 Resp: 31495

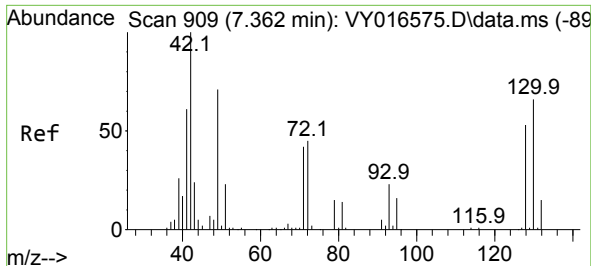
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 84.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 97.900 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

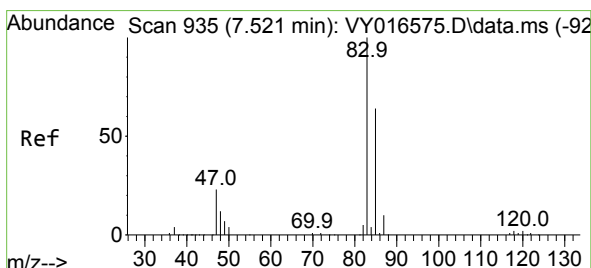
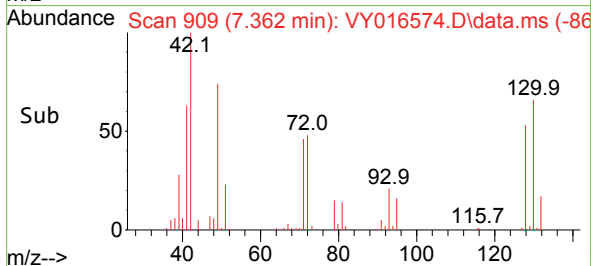
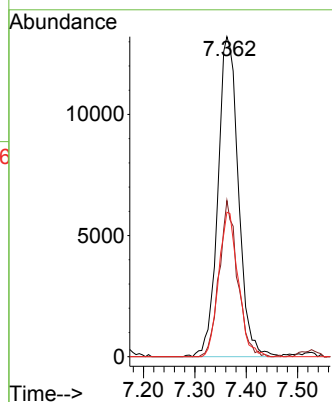
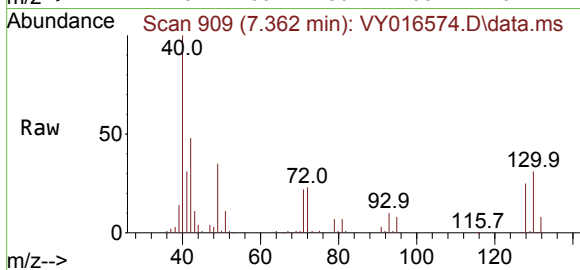
Tgt Ion: 42 Resp: 36561

Ion Ratio Lower Upper

42 100

72 43.7 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 20.397 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016574.D

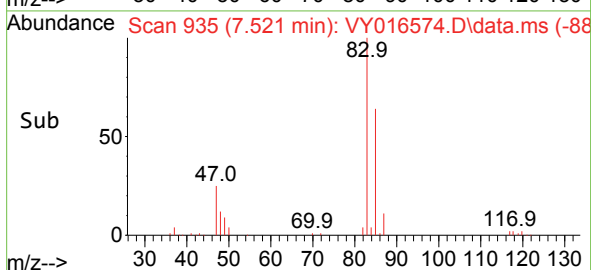
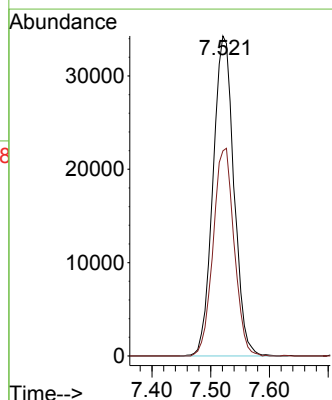
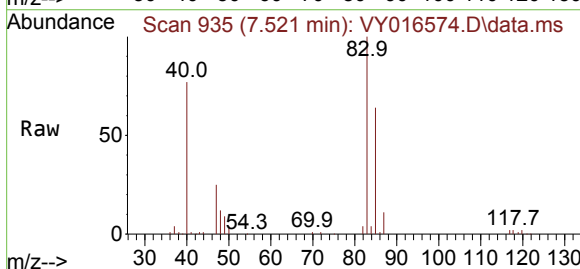
Acq: 04 Dec 2023 13:08

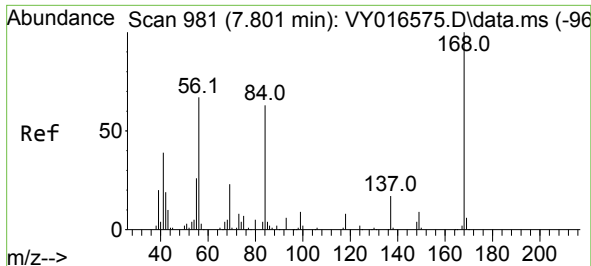
Tgt Ion: 83 Resp: 84860

Ion Ratio Lower Upper

83 100

85 64.1 49.7 74.5

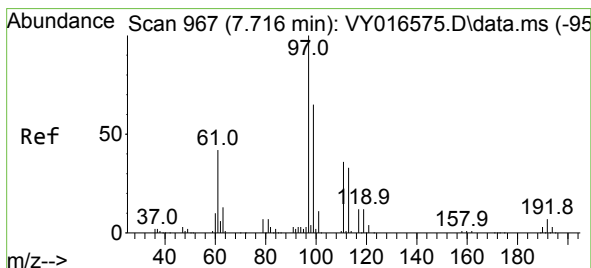
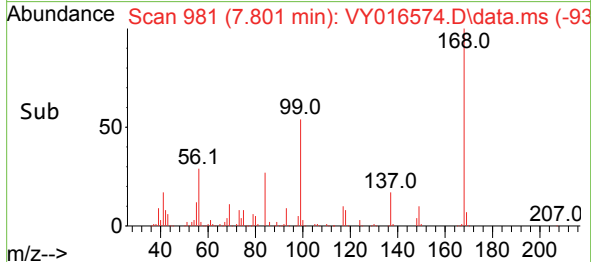
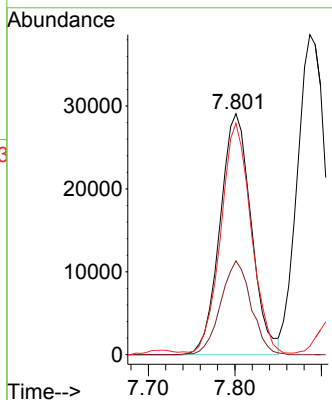
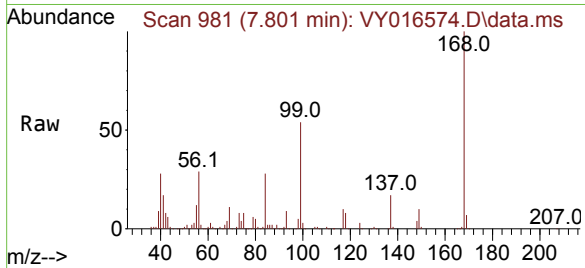




#31
Cyclohexane
Concen: 20.286 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

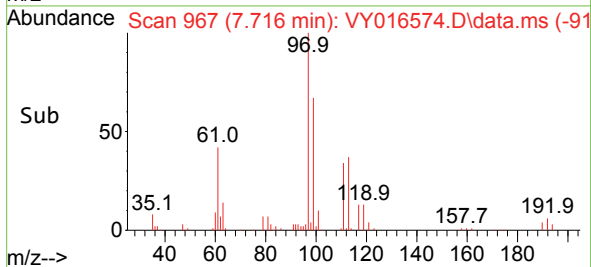
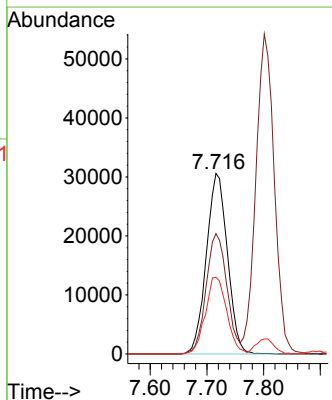
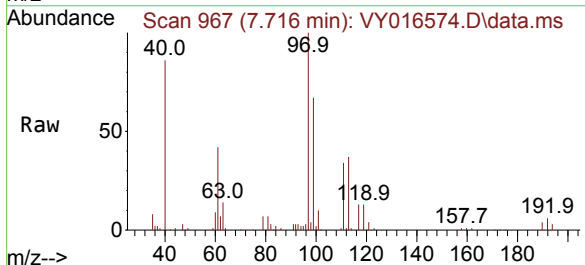
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

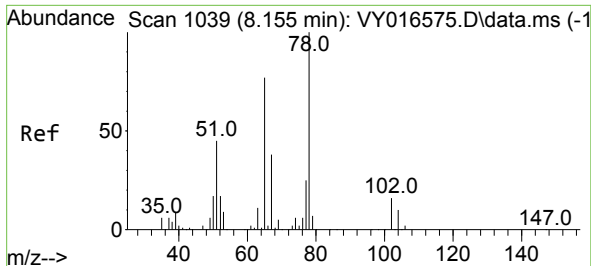
Tgt Ion: 56 Resp: 72901
Ion Ratio Lower Upper
56 100
69 38.9 27.8 41.6
84 95.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.097 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 97 Resp: 79127
Ion Ratio Lower Upper
97 100
99 66.0 50.8 76.2
61 43.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 20.822 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

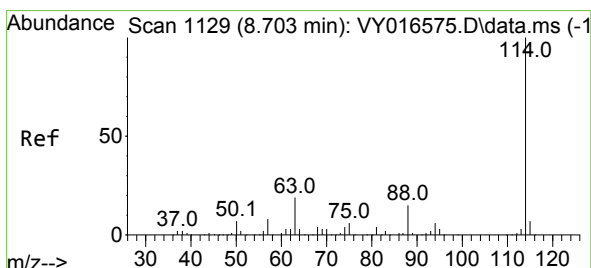
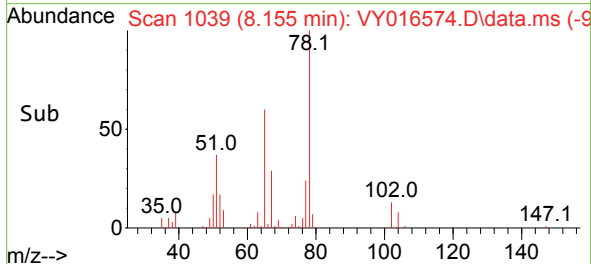
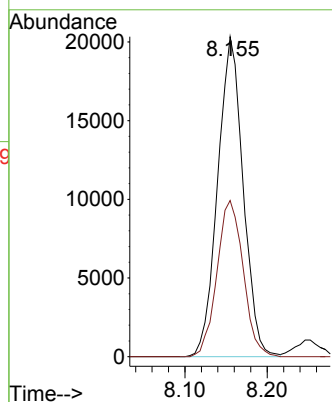
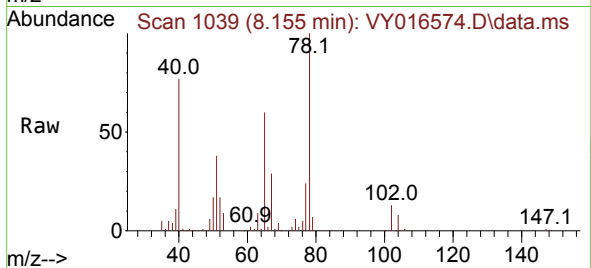
VSTDIC020

Tgt Ion: 65 Resp: 43832

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

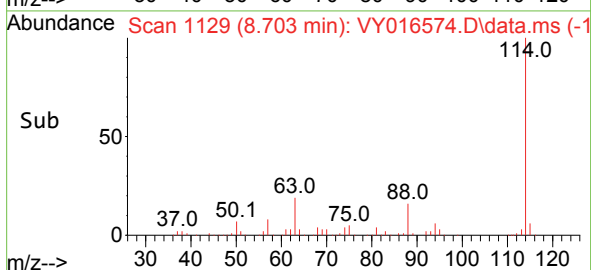
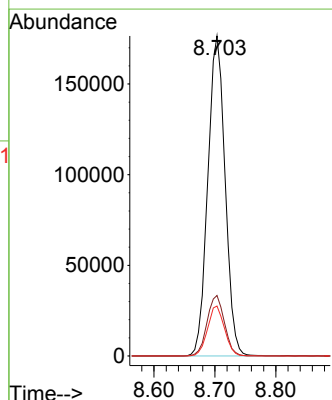
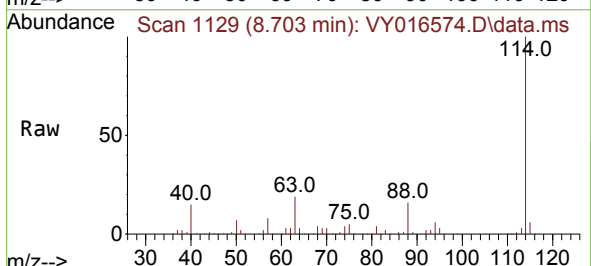
Tgt Ion: 114 Resp: 348303

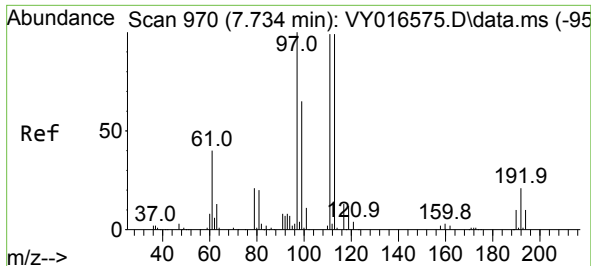
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.6 0.0 30.6

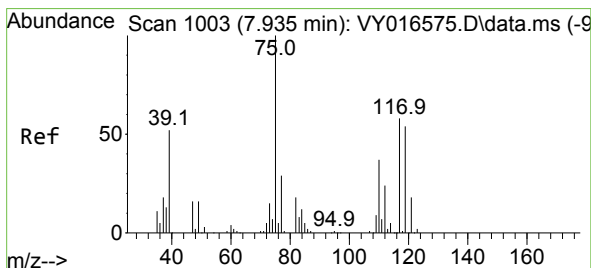
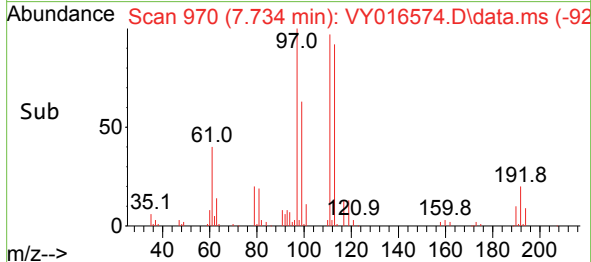
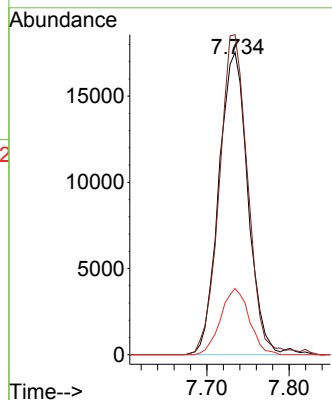
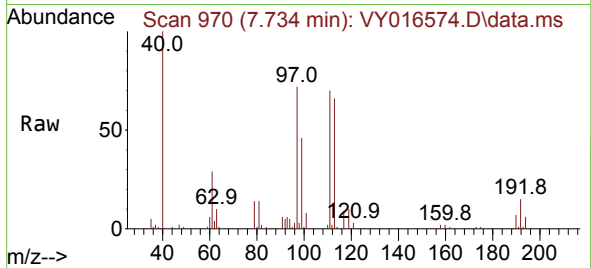




#35
Dibromofluoromethane
Concen: 20.504 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

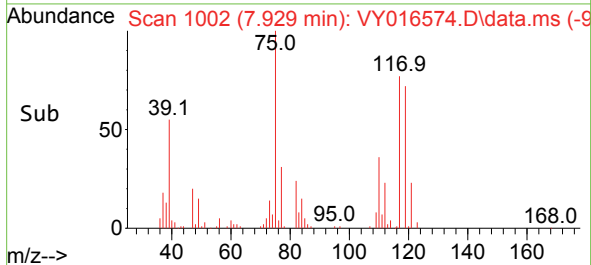
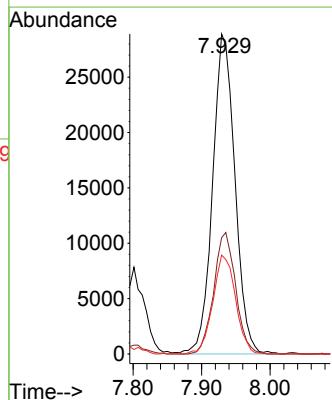
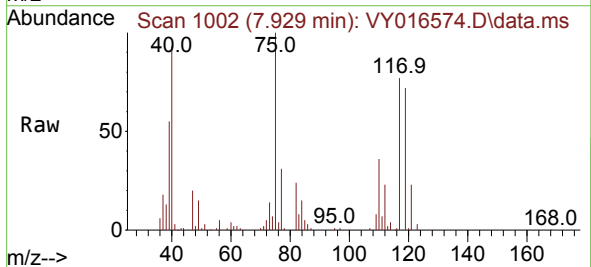
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

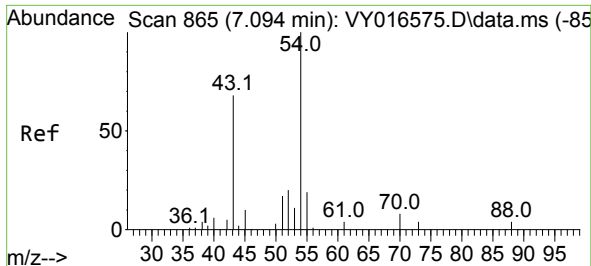
Tgt Ion:113 Resp: 42978
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.553 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 75 Resp: 65489
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 31.4 24.4 36.6

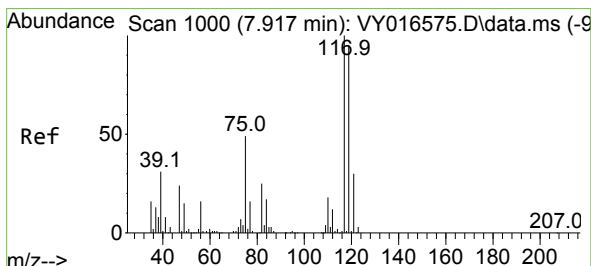
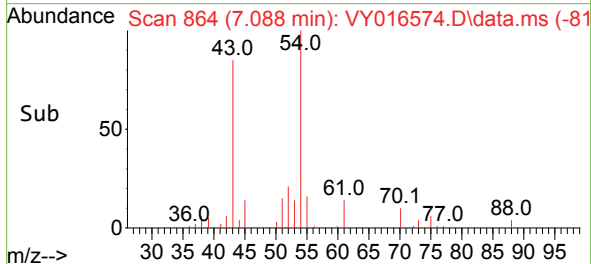
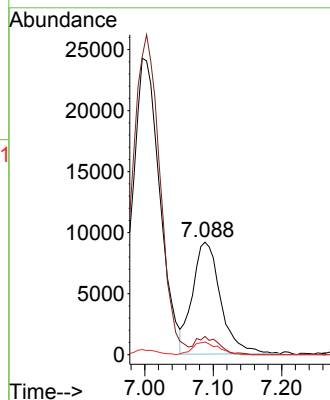
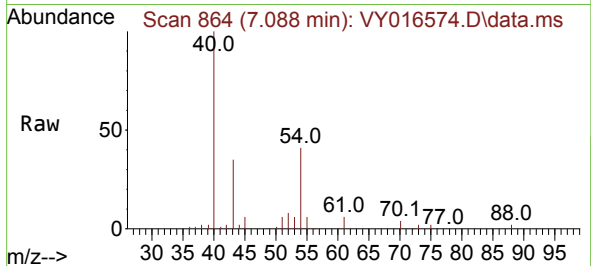




#37
Ethyl Acetate
Concen: 19.642 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

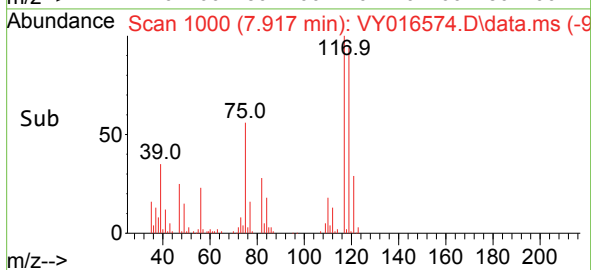
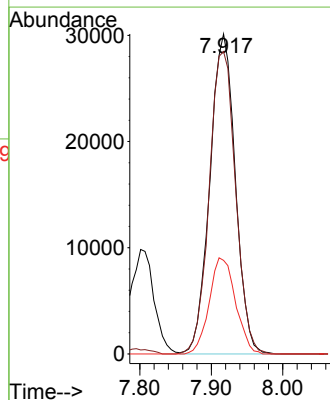
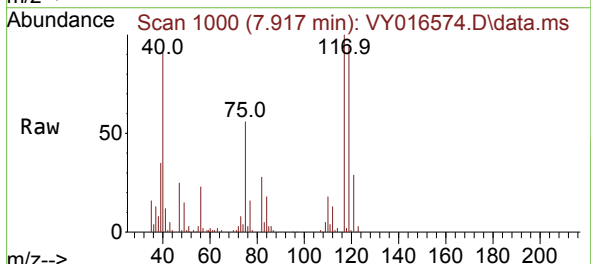
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

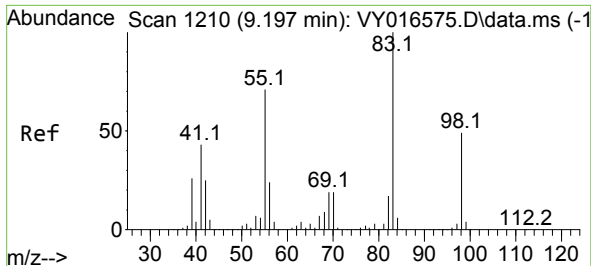
Tgt Ion: 43 Resp: 26188
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.166 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 117 Resp: 74386
Ion Ratio Lower Upper
117 100
119 94.5 76.4 114.6
121 29.3 25.8 38.6

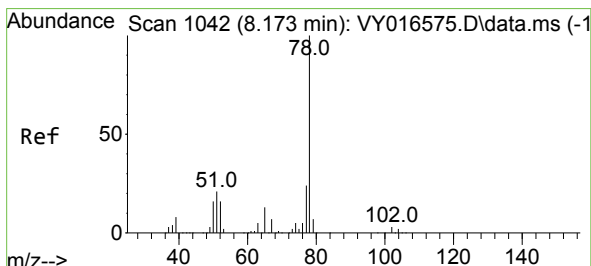
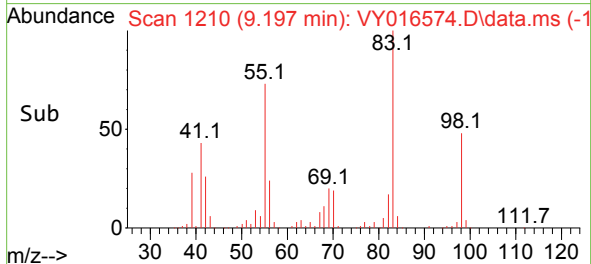
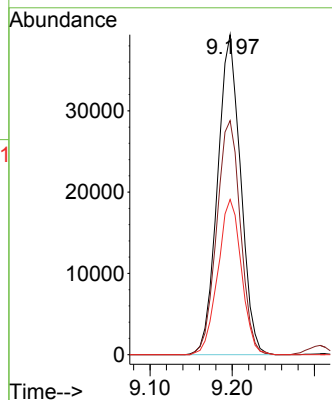
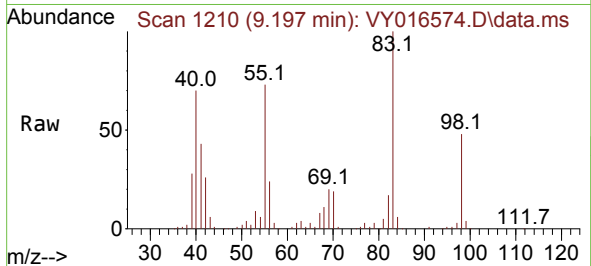




#39
Methylcyclohexane
Concen: 19.970 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

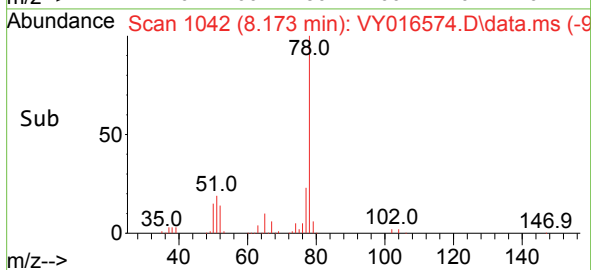
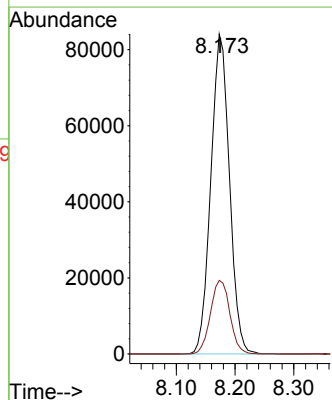
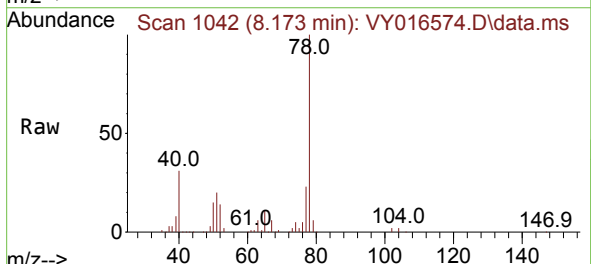
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

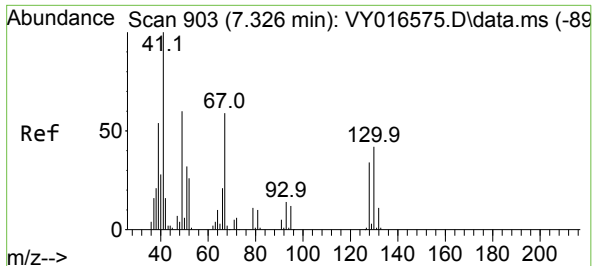
Tgt Ion: 83 Resp: 76665
Ion Ratio Lower Upper
83 100
55 73.2 63.0 94.4
98 48.5 37.4 56.2



#40
Benzene
Concen: 20.598 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 78 Resp: 184995
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

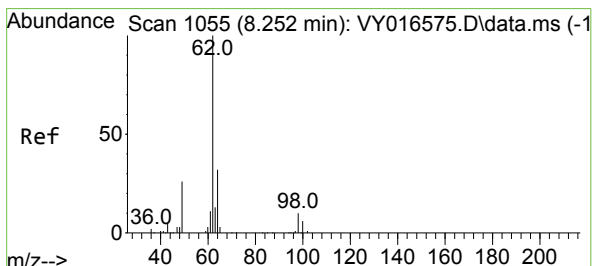
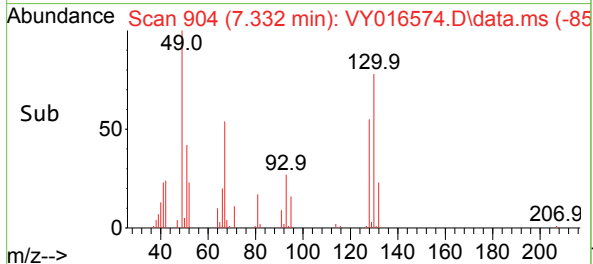
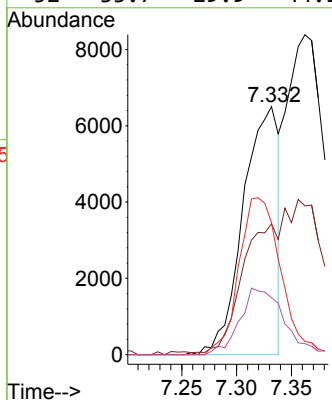
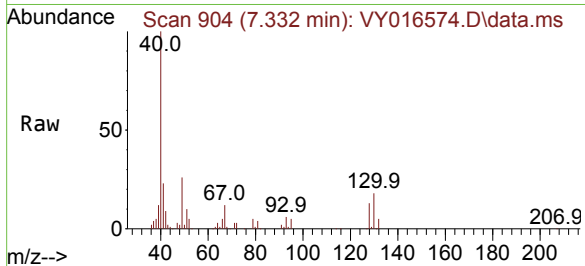




#41
Methacrylonitrile
Concen: 19.518 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

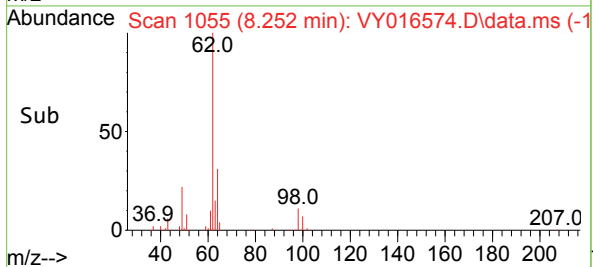
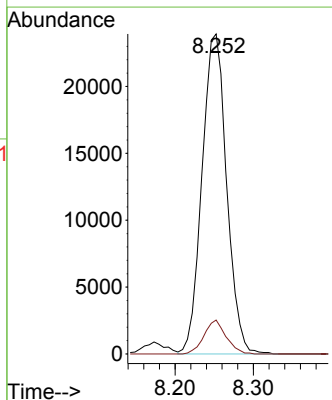
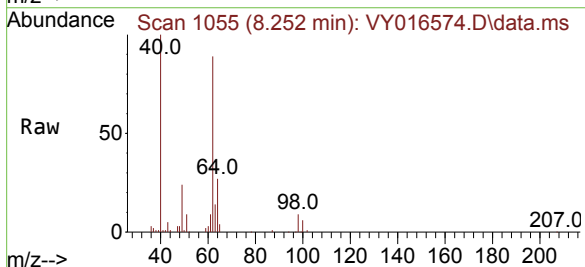
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

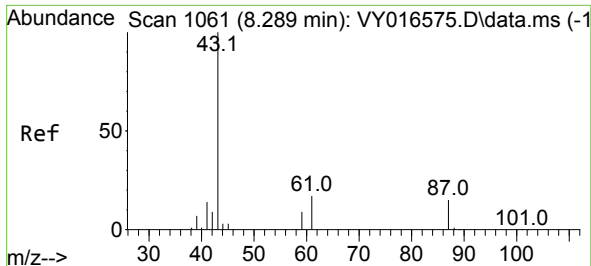
Tgt Ion: 41 Resp: 14654
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 75.0 66.2 99.2
52 33.7 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.065 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 62 Resp: 52326
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8





#43

Isopropyl Acetate

Concen: 19.462 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

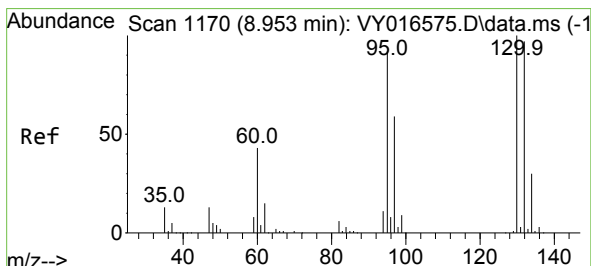
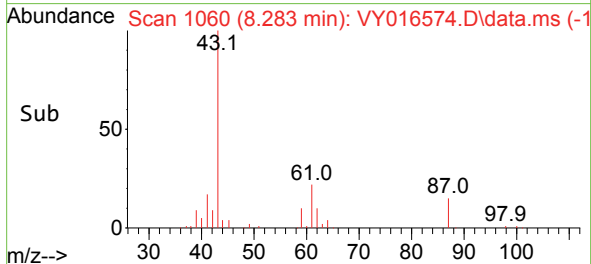
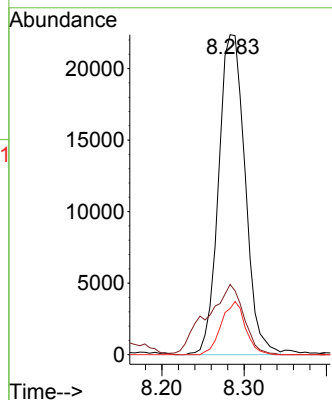
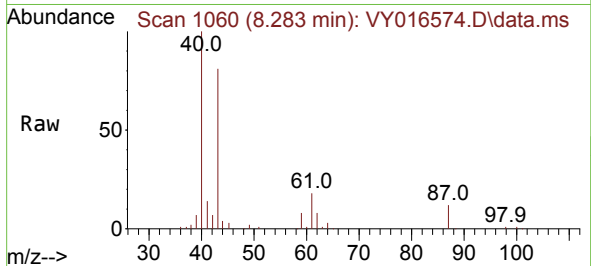
Tgt Ion: 43 Resp: 50056

Ion Ratio Lower Upper

43 100

61 30.9 21.1 31.7

87 15.0 9.8 14.8



#44

Trichloroethene

Concen: 20.318 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VY016574.D

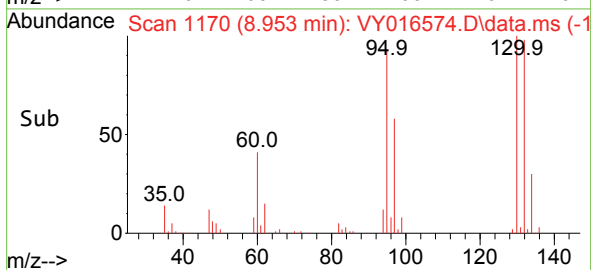
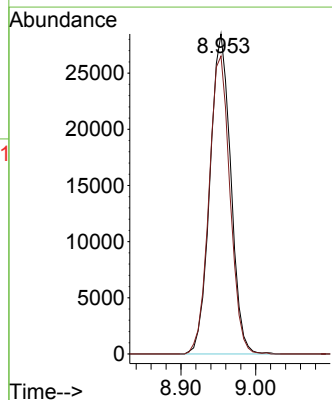
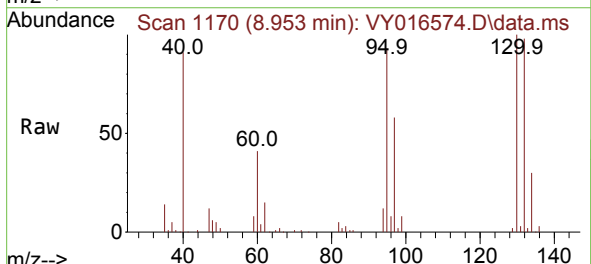
Acq: 04 Dec 2023 13:08

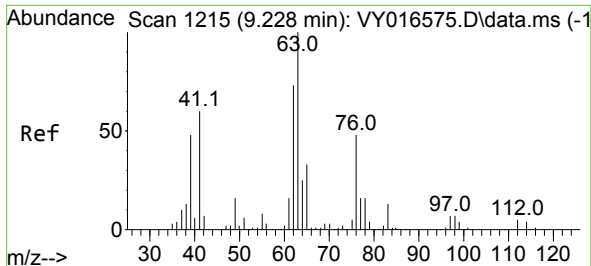
Tgt Ion:130 Resp: 55029

Ion Ratio Lower Upper

130 100

95 93.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.248 ug/l

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

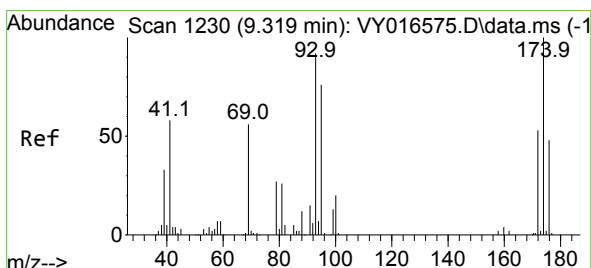
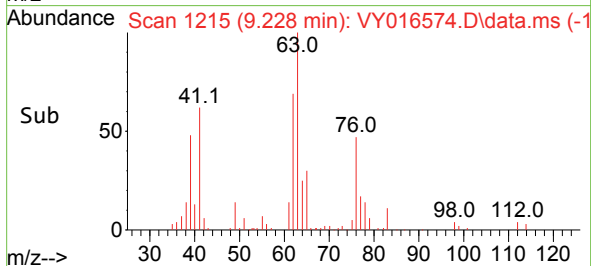
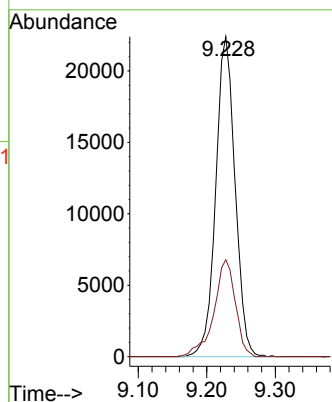
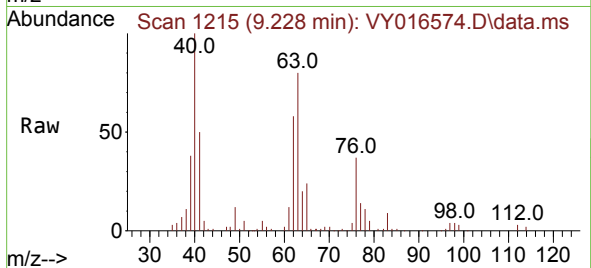
VSTDICC020

Tgt Ion: 63 Resp: 43780

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 19.910 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

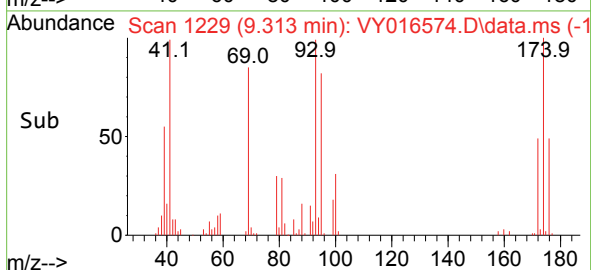
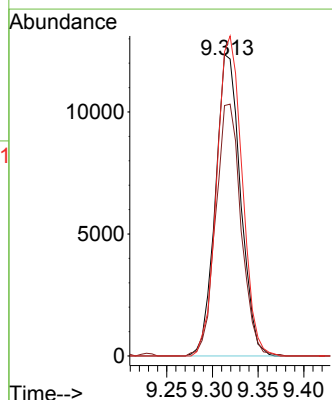
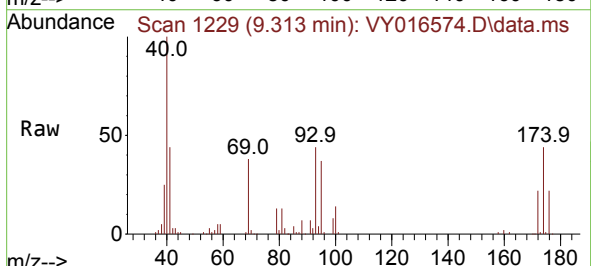
Tgt Ion: 93 Resp: 23600

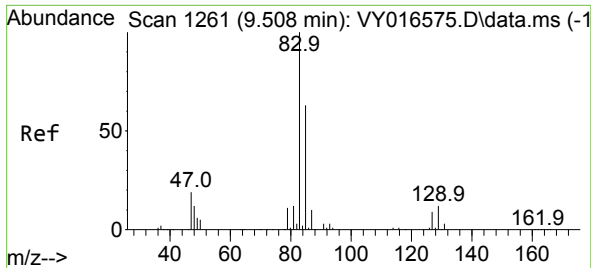
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

174 107.6 84.8 127.2

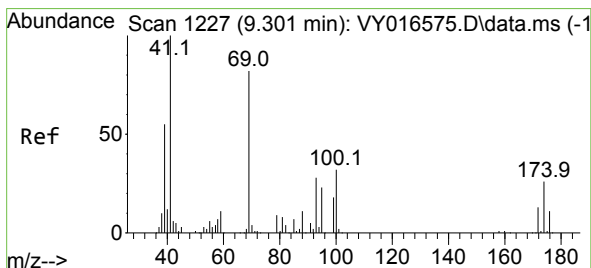
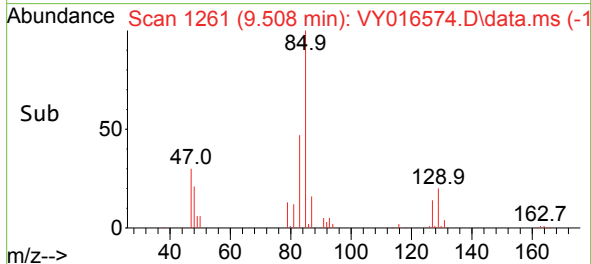
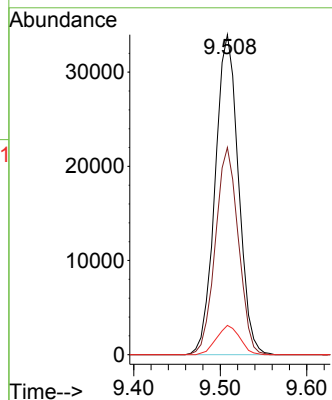
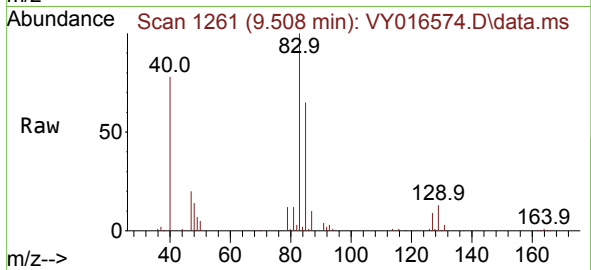




#47
Bromodichloromethane
Concen: 20.110 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

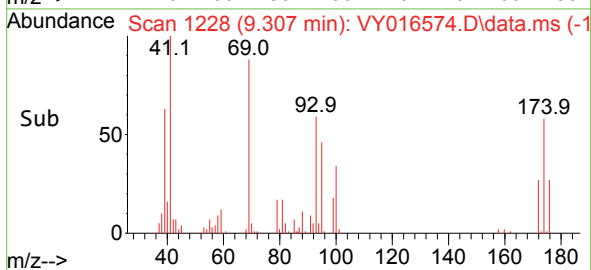
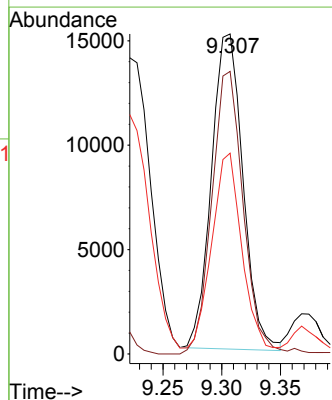
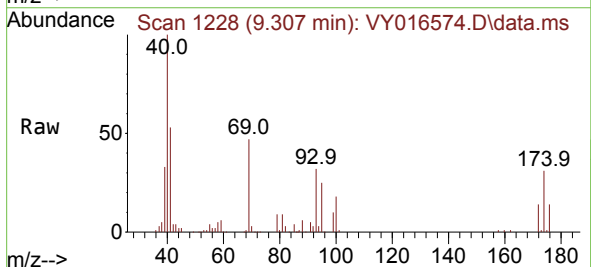
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

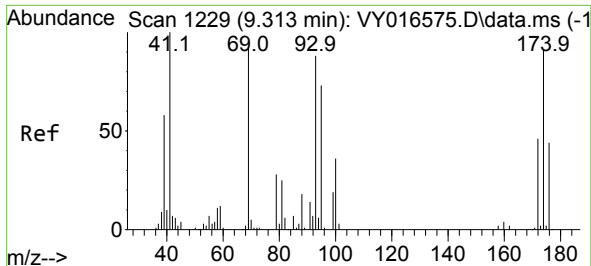
Tgt Ion: 83 Resp: 63462
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 19.019 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 41 Resp: 28251
Ion Ratio Lower Upper
41 100
69 88.6 64.5 96.7
39 58.3 50.8 76.2





#49

1,4-Dioxane

Concen: 372.404 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

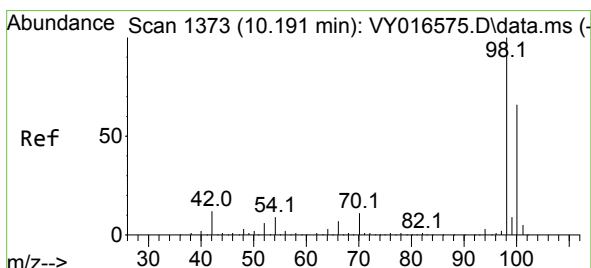
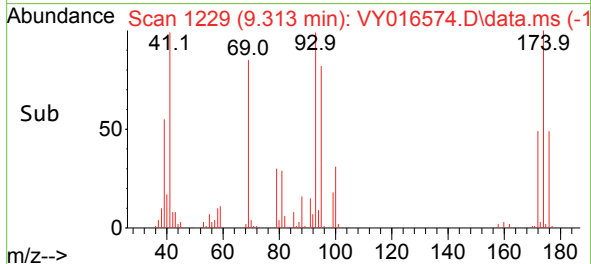
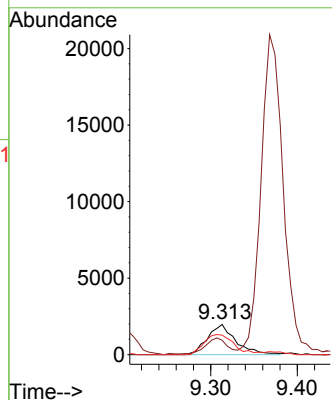
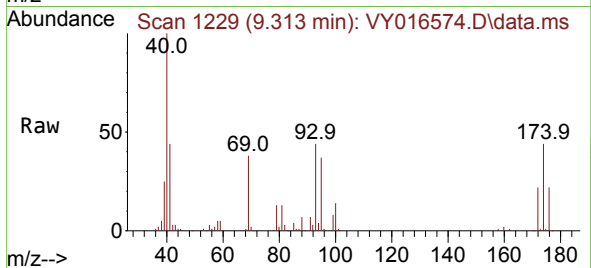
Tgt Ion: 88 Resp: 4468

Ion Ratio Lower Upper

88 100

43 39.7 0.0 0.0#

58 72.4 30.9 46.3#



#50

Toluene-d8

Concen: 21.254 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016574.D

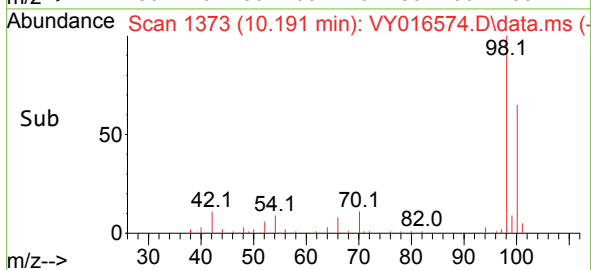
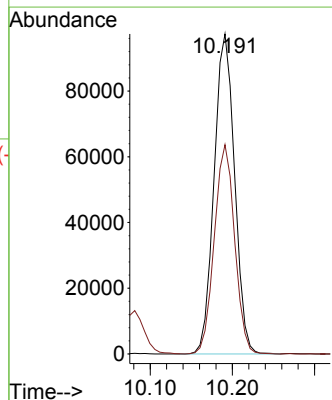
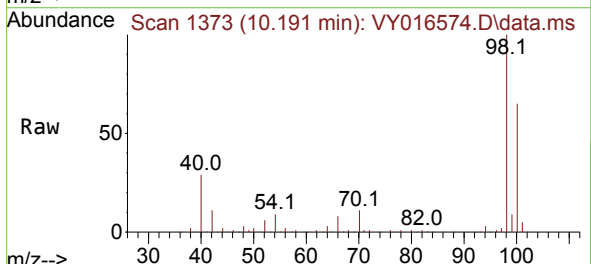
Acq: 04 Dec 2023 13:08

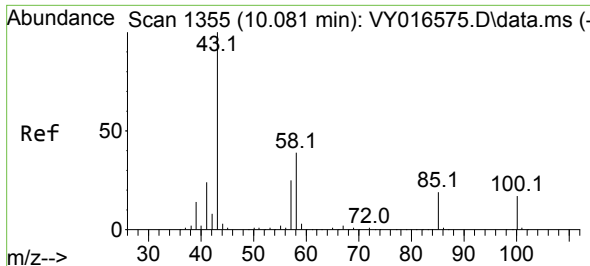
Tgt Ion: 98 Resp: 168515

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

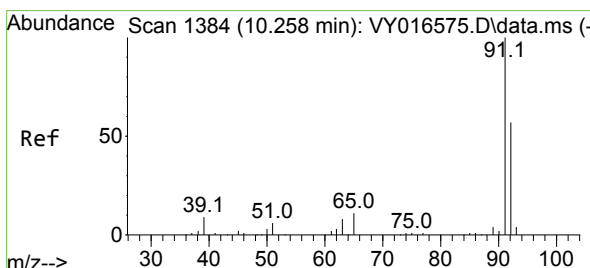
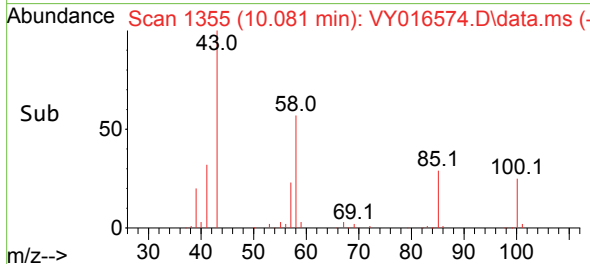
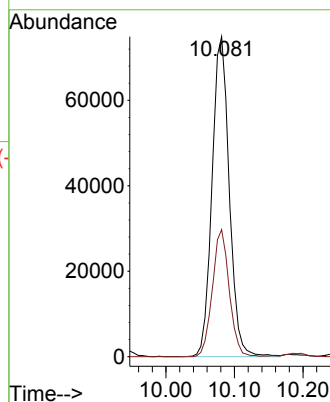
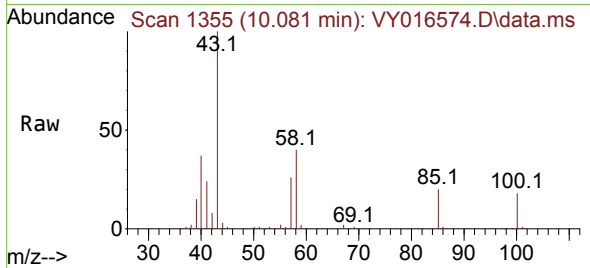




#51
4-Methyl-2-Pentanone
Concen: 98.054 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

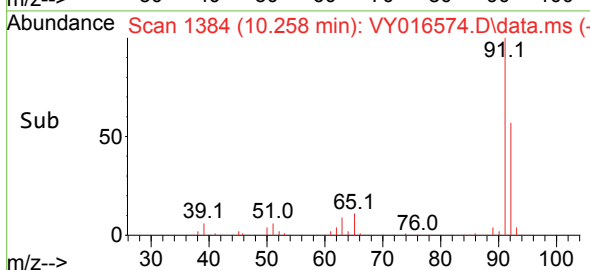
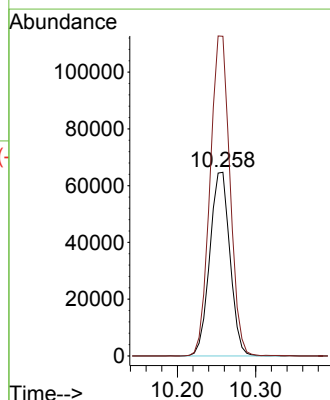
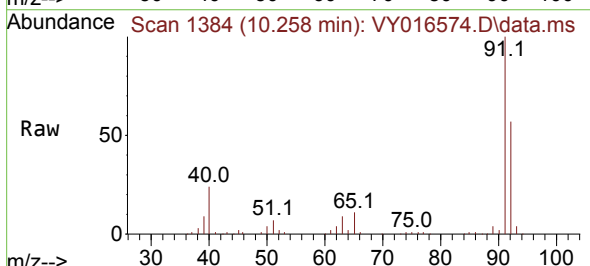
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

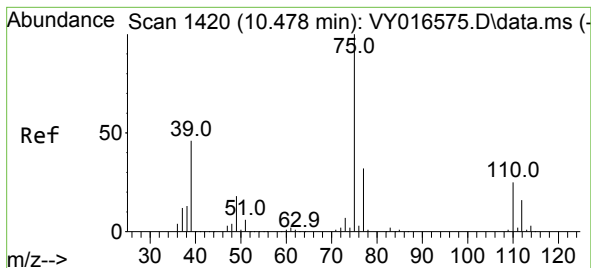
Tgt Ion: 43 Resp: 131064
Ion Ratio Lower Upper
43 100
58 38.9 29.0 43.6



#52
Toluene
Concen: 20.561 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 92 Resp: 115736
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6

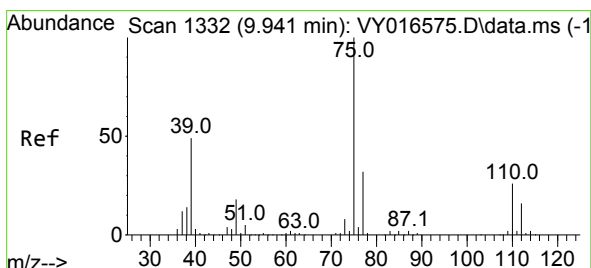
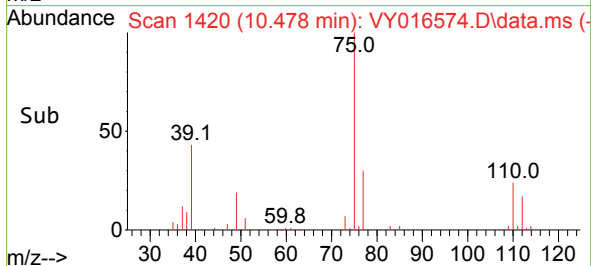
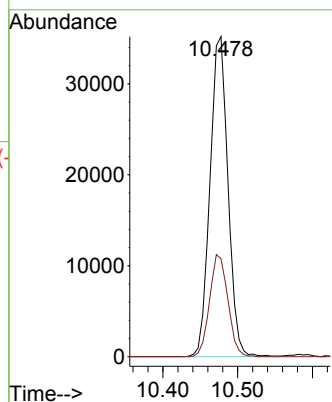
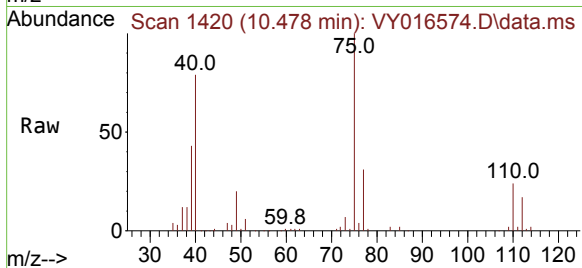




#53
 t-1,3-Dichloropropene
 Concen: 19.769 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016574.D
 Acq: 04 Dec 2023 13:08

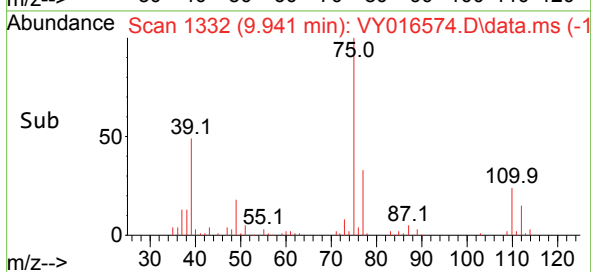
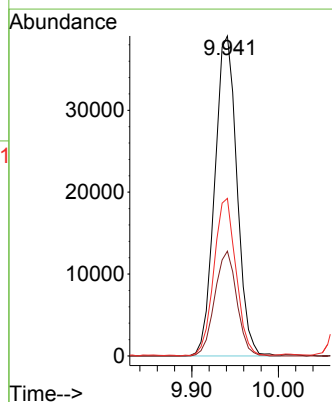
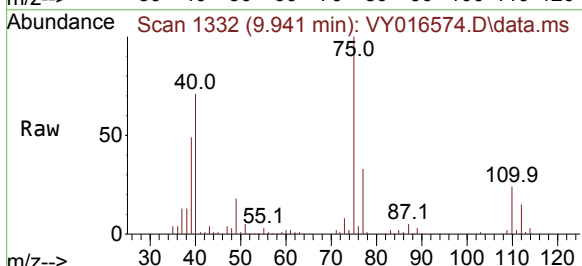
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

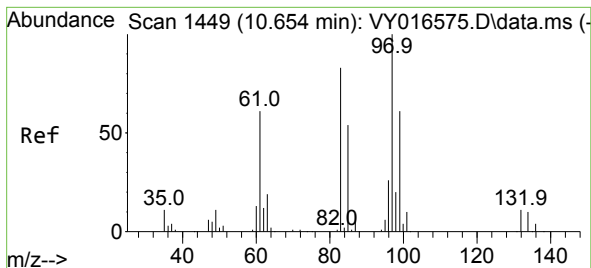
Tgt Ion: 75 Resp: 58877
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.895 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY016574.D
 Acq: 04 Dec 2023 13:08

Tgt Ion: 75 Resp: 69588
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.2 36.4
 39 49.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.200 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 33353

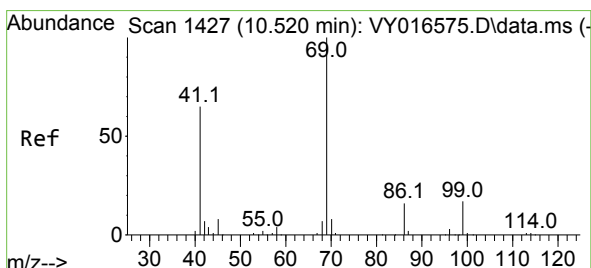
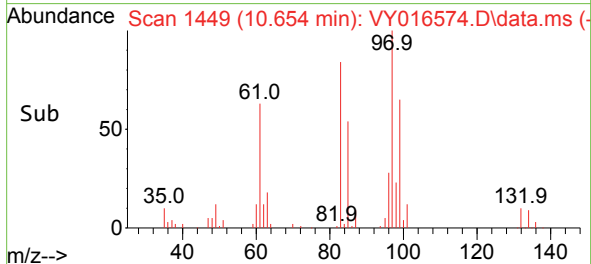
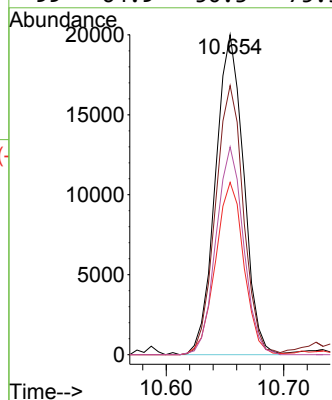
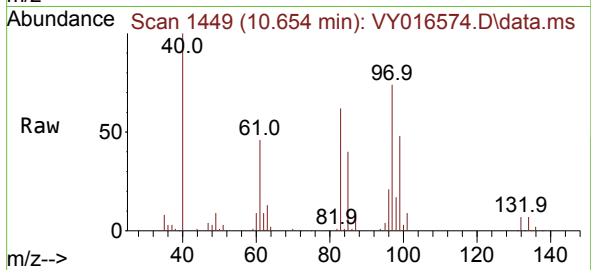
Ion Ratio Lower Upper

97 100

83 84.1 72.0 108.0

85 53.9 45.4 68.0

99 64.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.135 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

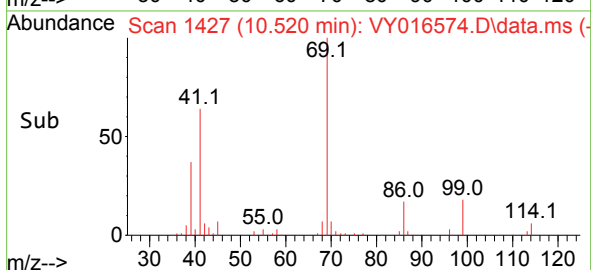
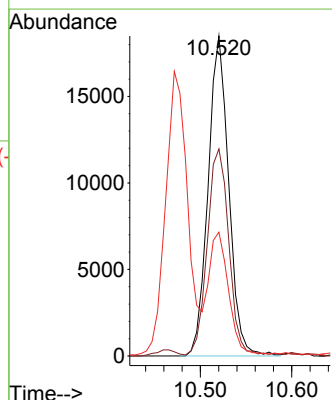
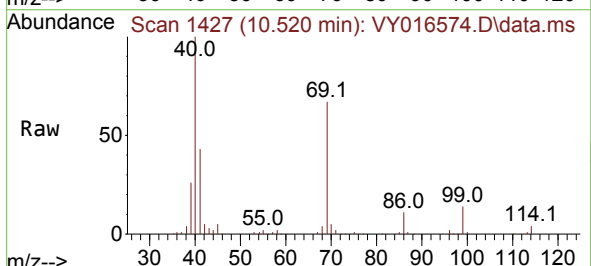
Tgt Ion: 69 Resp: 28961

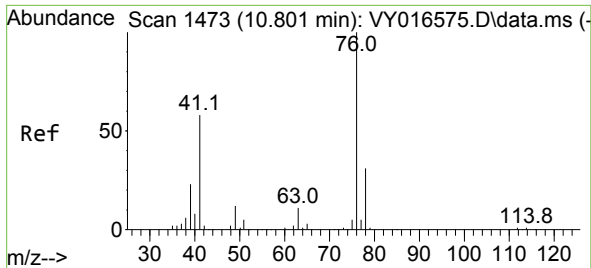
Ion Ratio Lower Upper

69 100

41 67.2 57.6 86.4

39 35.8 34.1 51.1

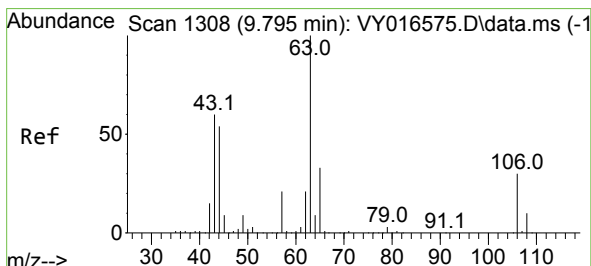
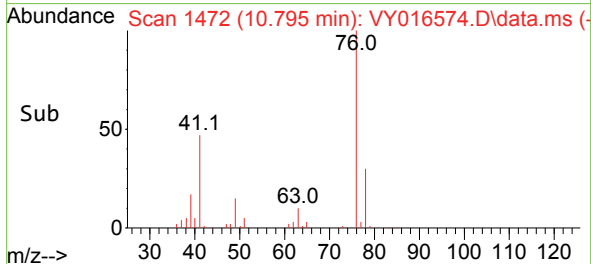
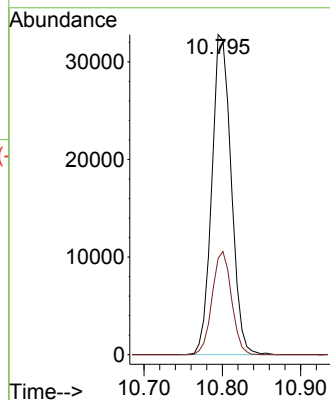
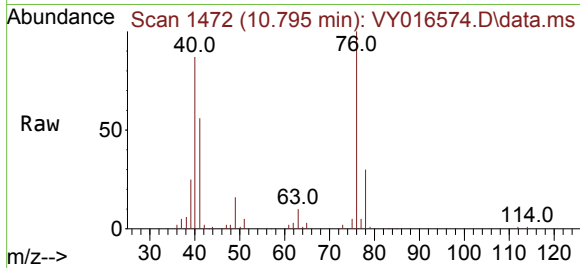




#57
1,3-Dichloropropane
Concen: 20.214 ug/l
RT: 10.795 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

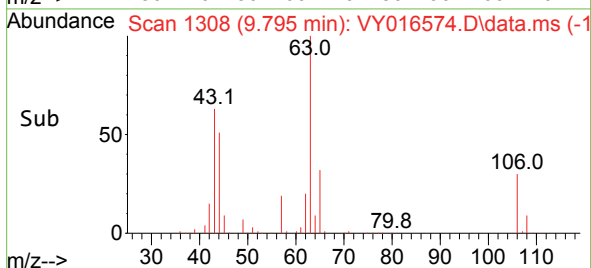
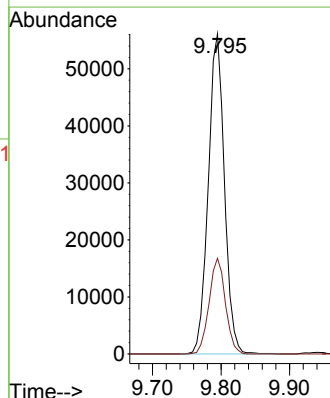
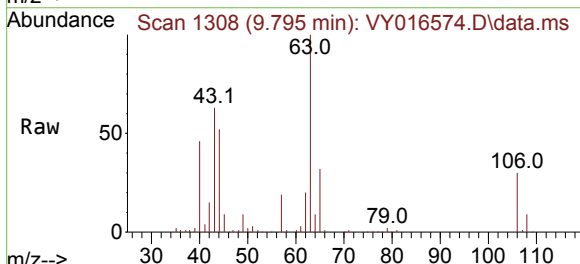
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

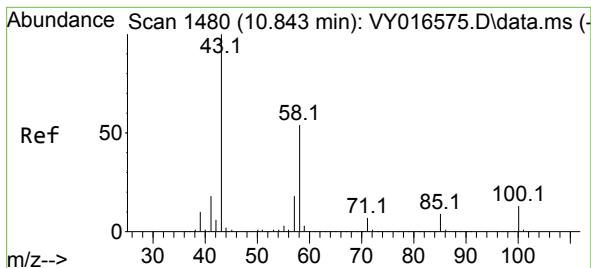
Tgt Ion: 76 Resp: 56384
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 98.718 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 63 Resp: 92076
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8

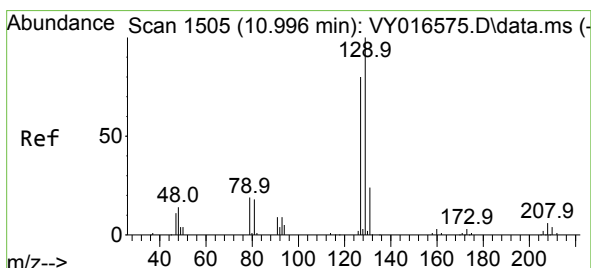
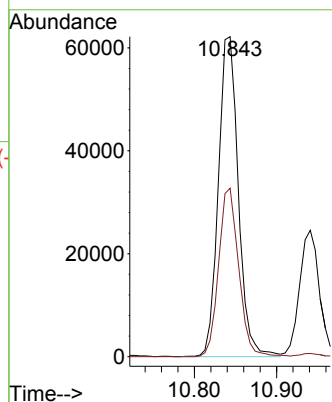
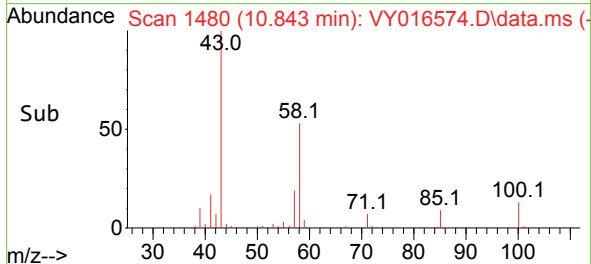
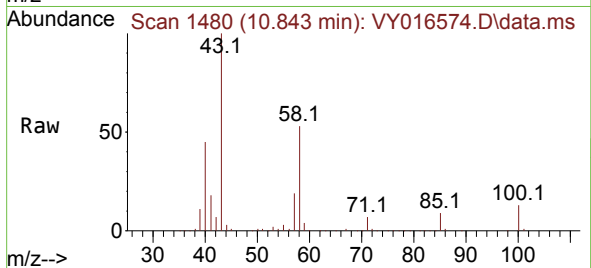




#59
2-Hexanone
Concen: 103.709 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

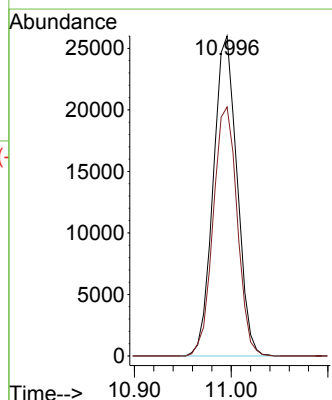
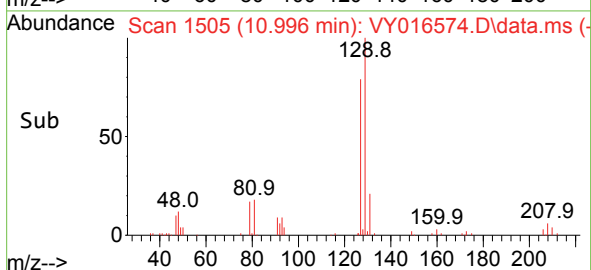
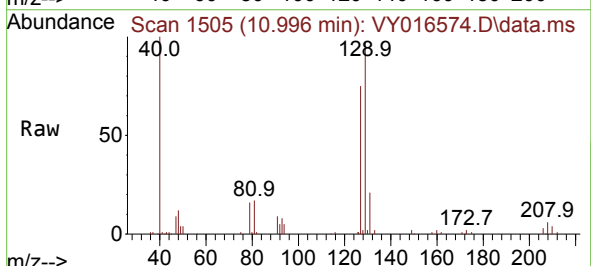
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

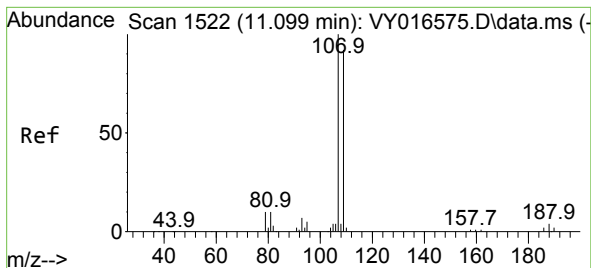
Tgt Ion: 43 Resp: 104866
Ion Ratio Lower Upper
43 100
58 53.0 25.1 75.3



#60
Dibromochloromethane
Concen: 20.092 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion:129 Resp: 44326
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5

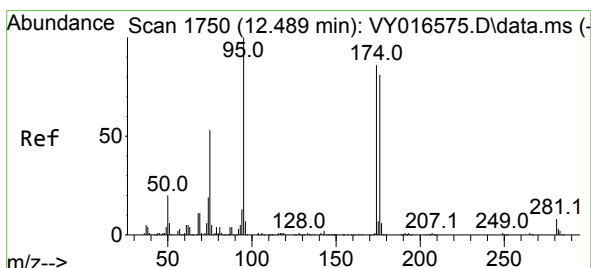
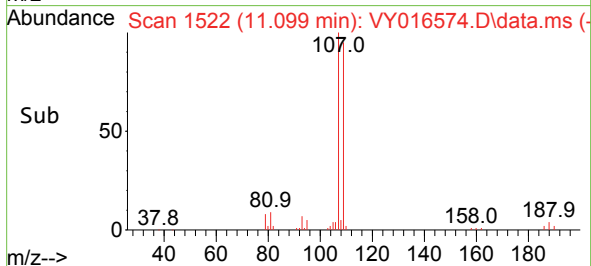
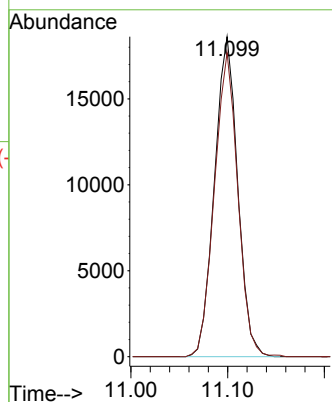
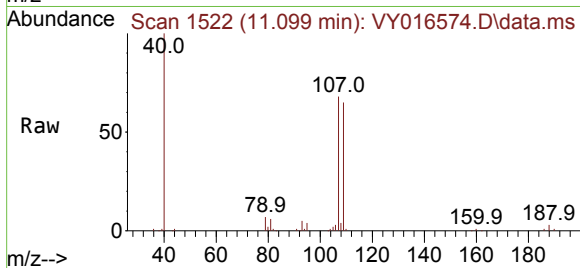




#61
1,2-Dibromoethane
Concen: 19.939 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

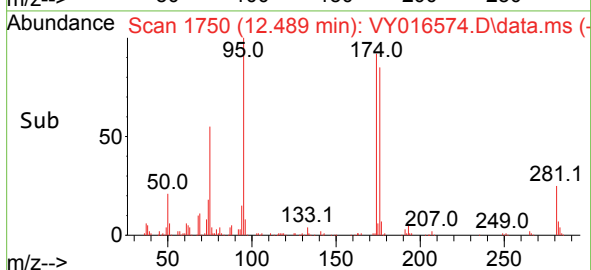
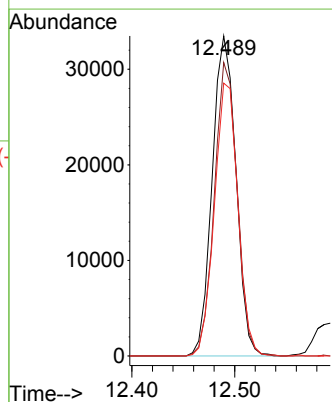
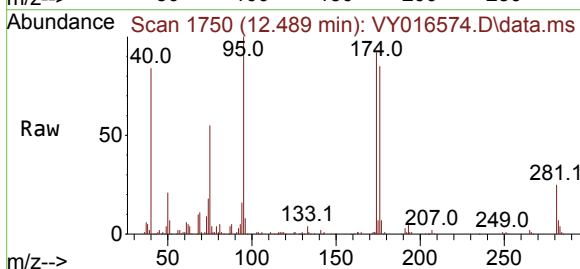
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

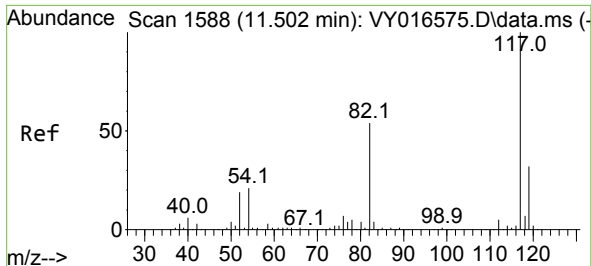
Tgt Ion:107 Resp: 30965
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 20.547 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 95 Resp: 53572
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 84.7 0.0 173.8

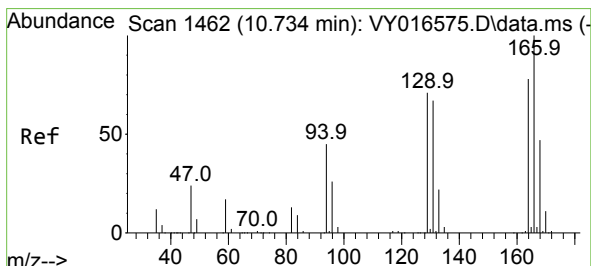
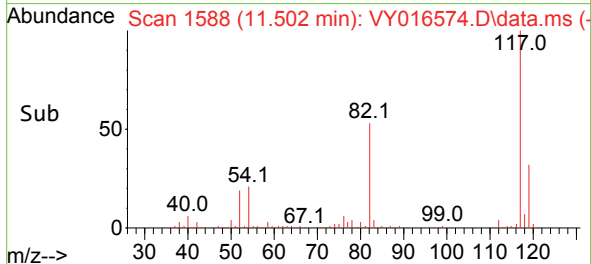
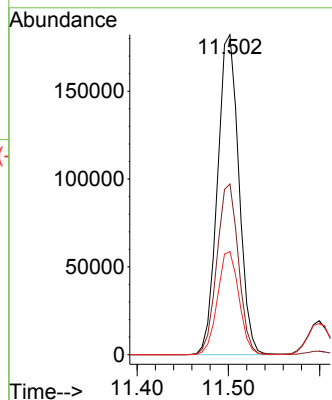
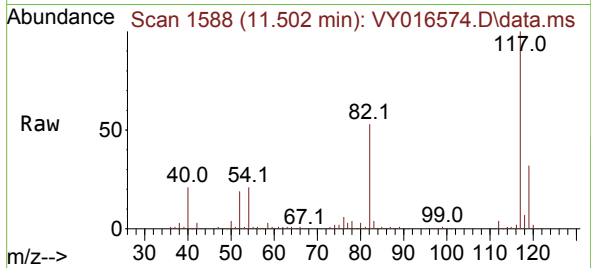




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

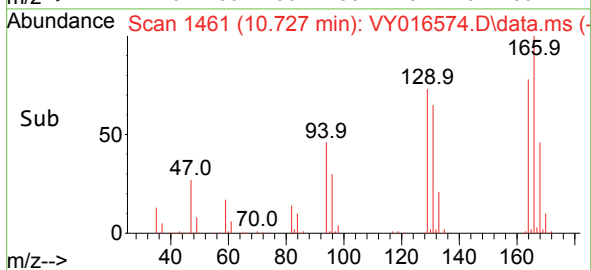
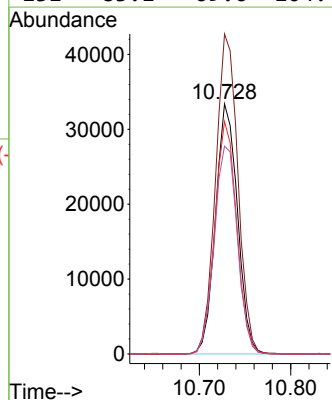
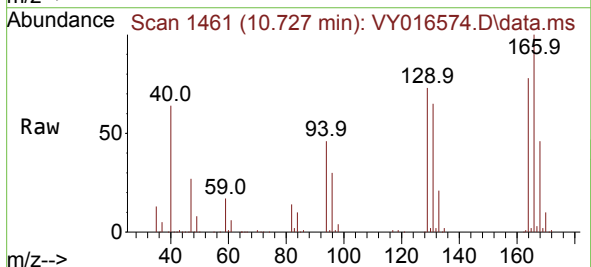
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

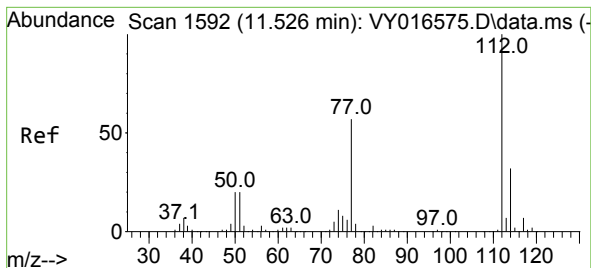
Tgt Ion:117 Resp: 296617
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 20.501 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion:164 Resp: 55730
Ion Ratio Lower Upper
164 100
166 128.0 103.0 154.6
129 93.0 77.2 115.8
131 83.1 69.6 104.4

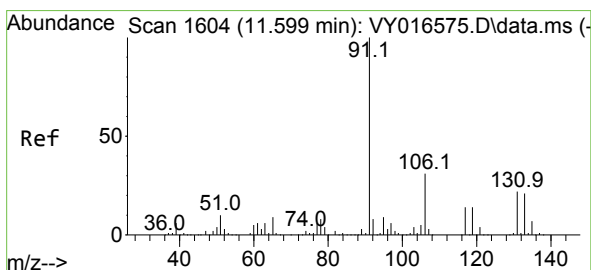
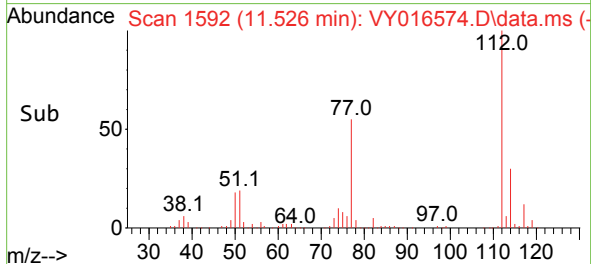
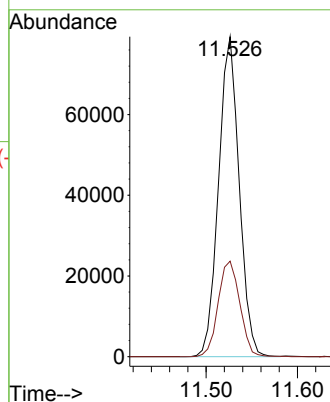
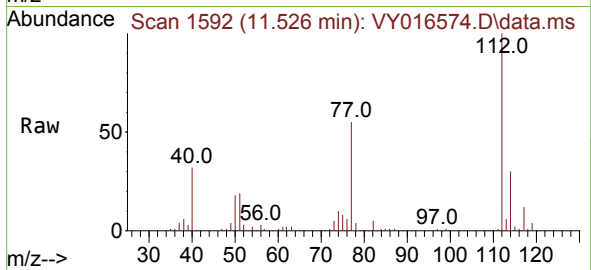




#65
Chlorobenzene
Concen: 20.729 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

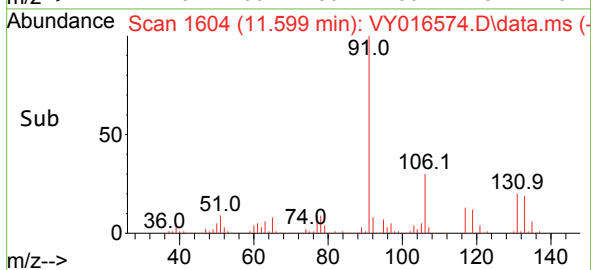
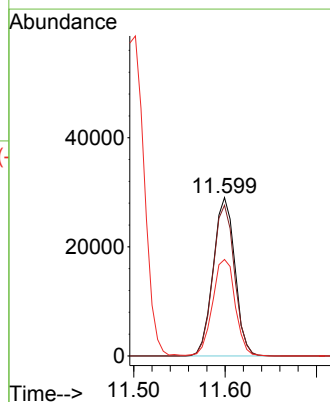
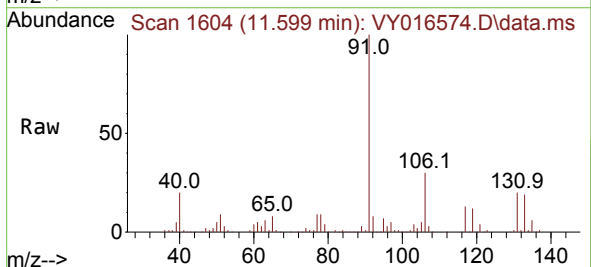
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

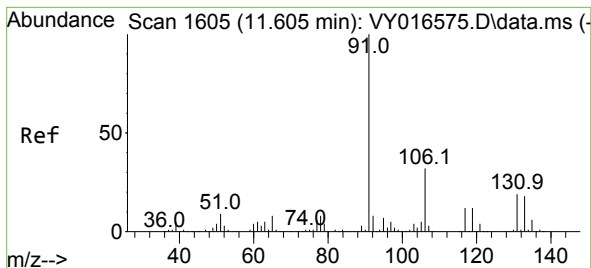
Tgt Ion:112 Resp: 124534
Ion Ratio Lower Upper
112 100
114 29.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.403 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion:131 Resp: 47909
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 63.5 31.6 94.7





#67

Ethyl Benzene

Concen: 20.578 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

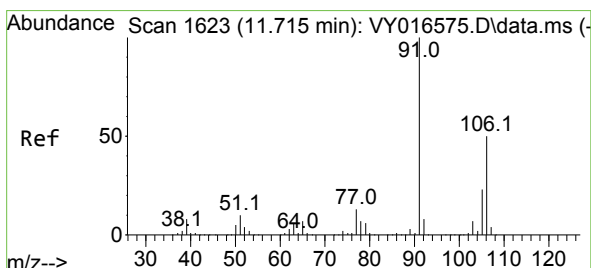
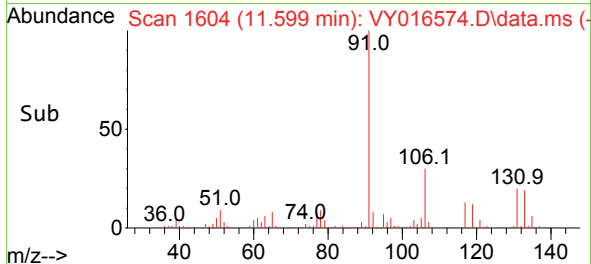
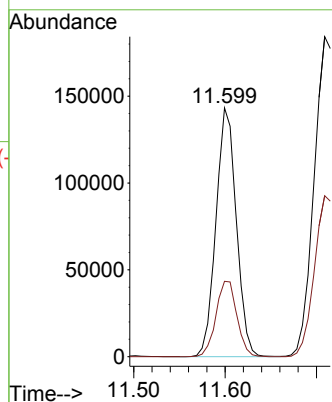
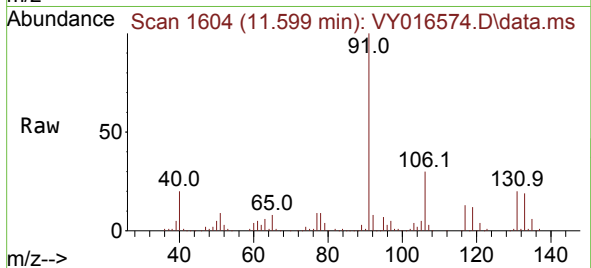
VSTDIC020

Tgt Ion: 91 Resp: 221718

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 41.528 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016574.D

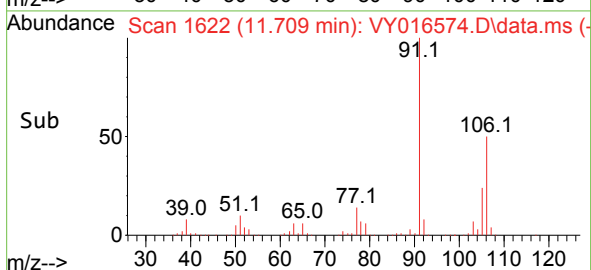
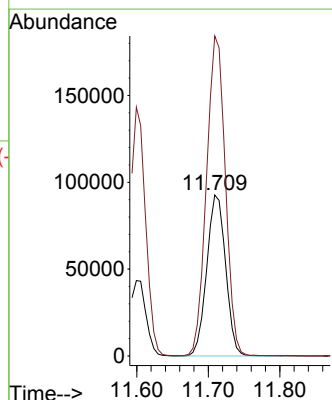
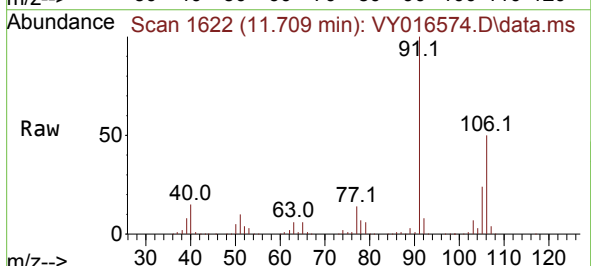
Acq: 04 Dec 2023 13:08

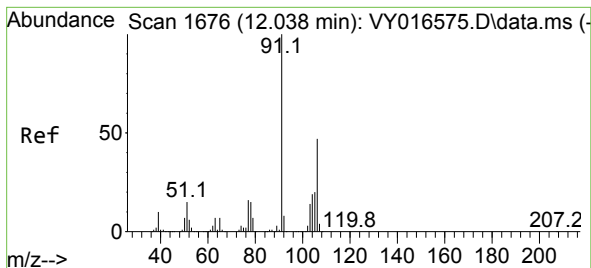
Tgt Ion: 106 Resp: 169861

Ion Ratio Lower Upper

106 100

91 199.3 166.1 249.1

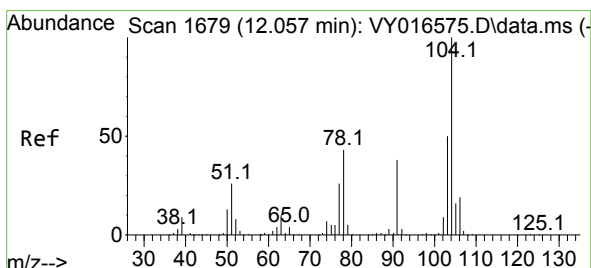
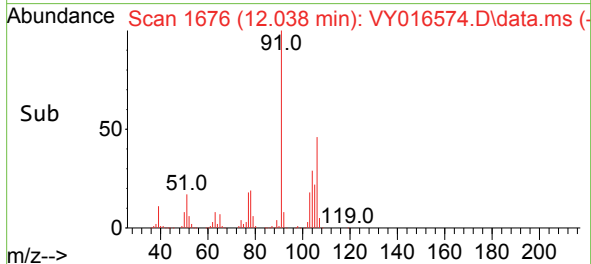
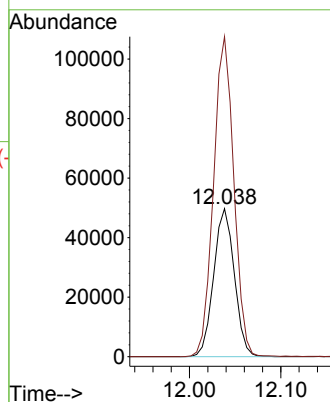
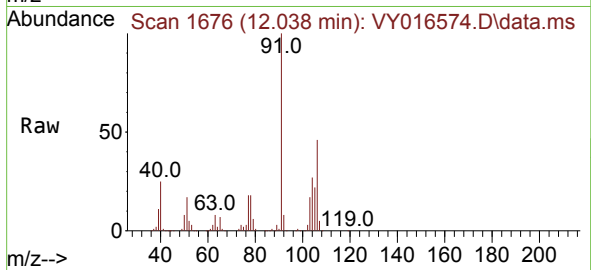




#69
o-Xylene
Concen: 20.465 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

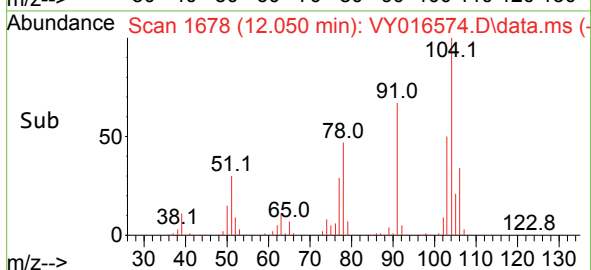
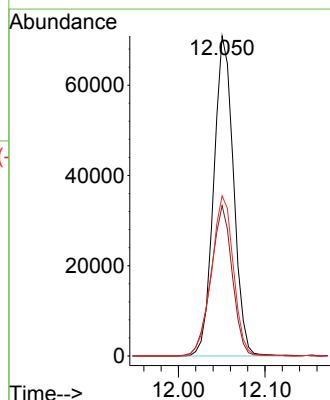
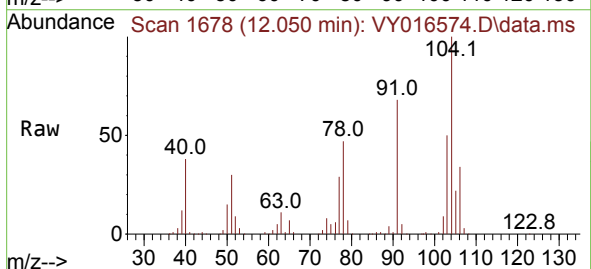
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

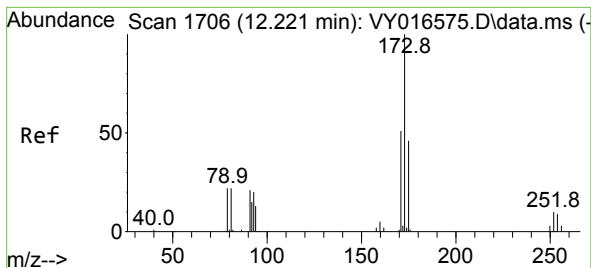
Tgt Ion:106 Resp: 78142
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.3



#70
Styrene
Concen: 20.561 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion:104 Resp: 112642
Ion Ratio Lower Upper
104 100
78 50.8 41.5 62.3
103 55.6 44.6 67.0





#71

Bromoform

Concen: 20.067 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

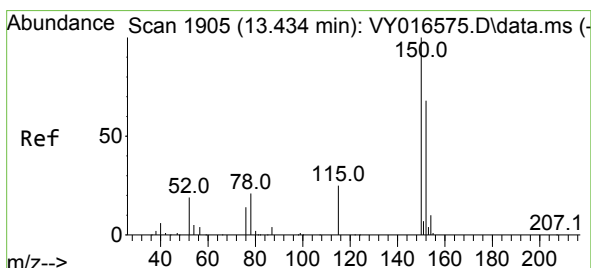
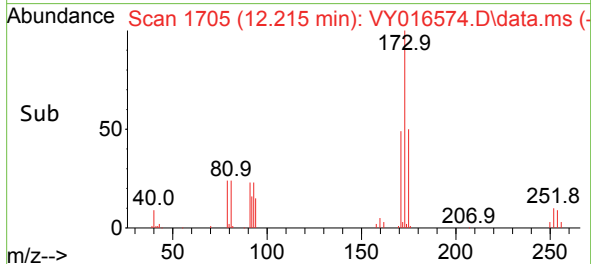
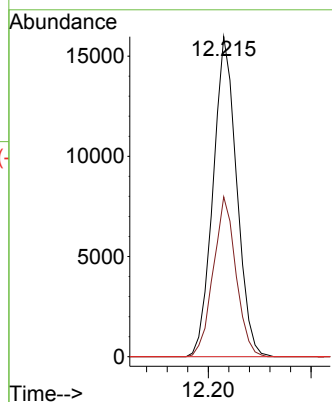
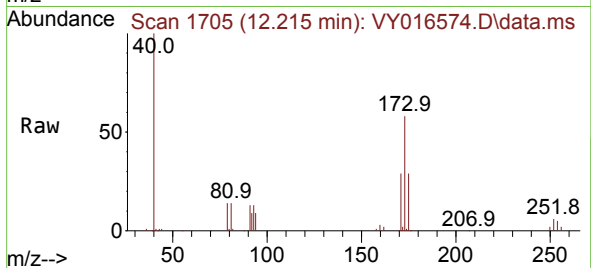
Tgt Ion:173 Resp: 25444

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

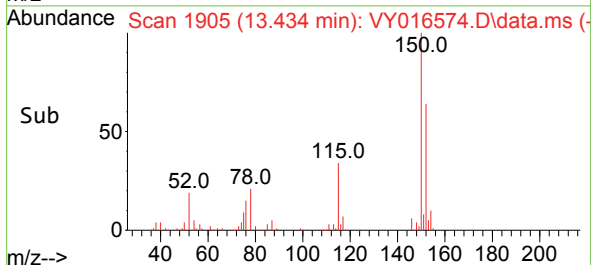
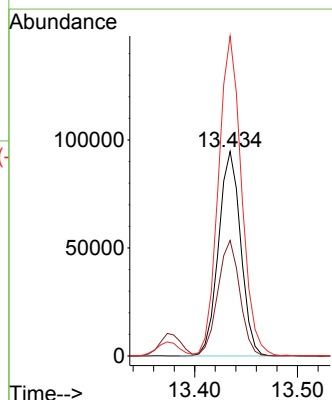
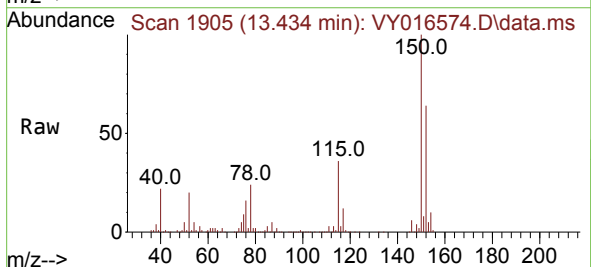
Tgt Ion:152 Resp: 141672

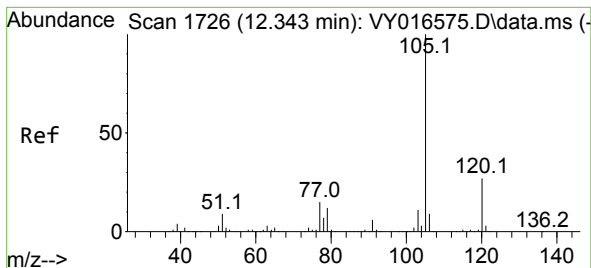
Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 163.0 0.0 348.8





#73

Isopropylbenzene

Concen: 20.597 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

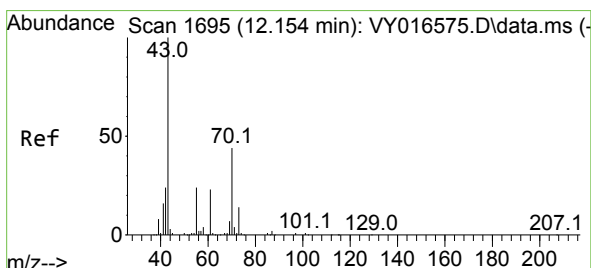
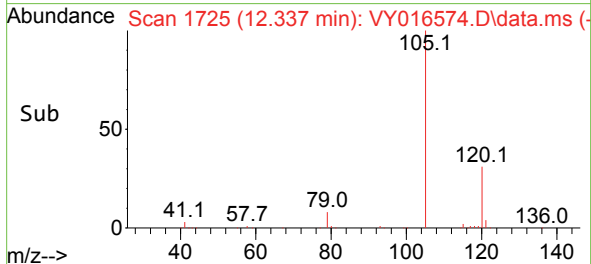
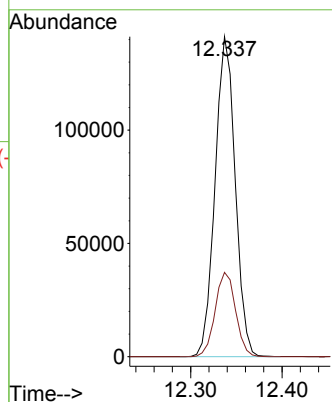
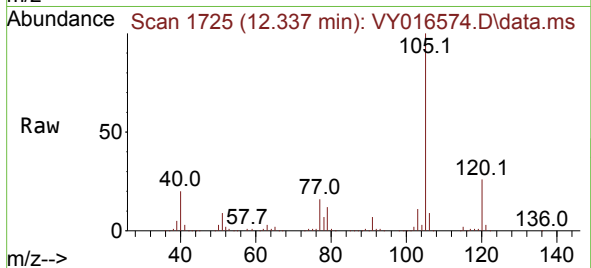
VSTDIC020

Tgt Ion:105 Resp: 216073

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-amy1 acetate

Concen: 19.616 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Tgt Ion: 43 Resp: 41032

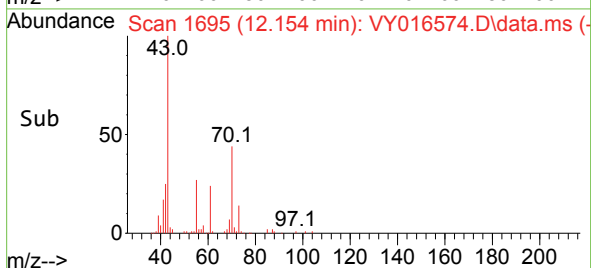
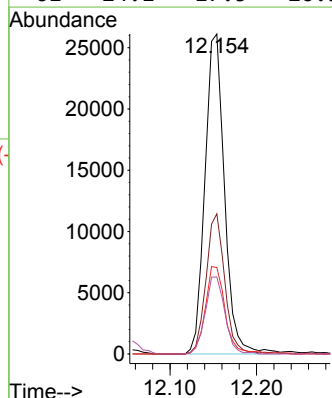
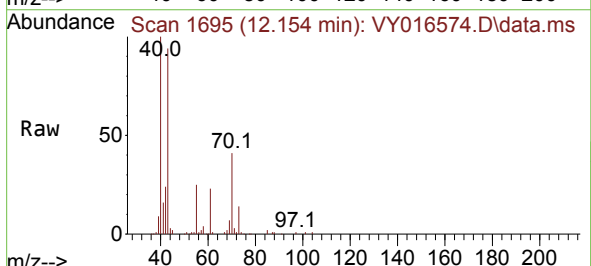
Ion Ratio Lower Upper

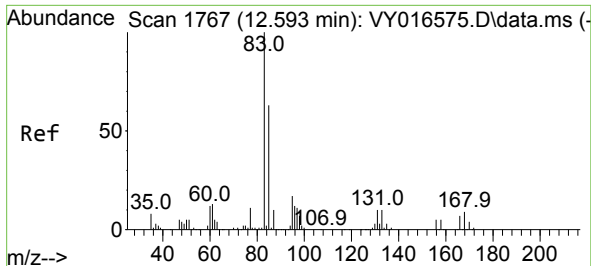
43 100

70 41.8 29.7 44.5

55 27.5 18.3 27.5#

61 24.1 17.5 26.3

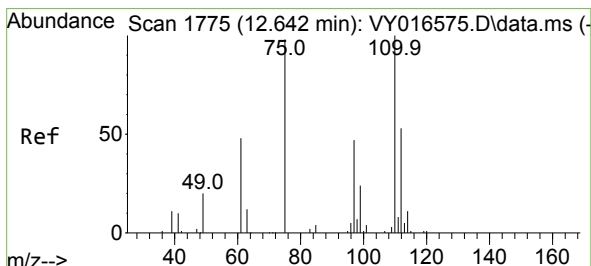
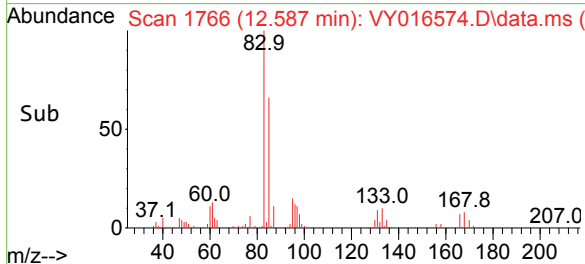
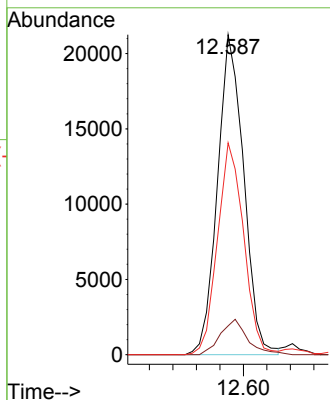
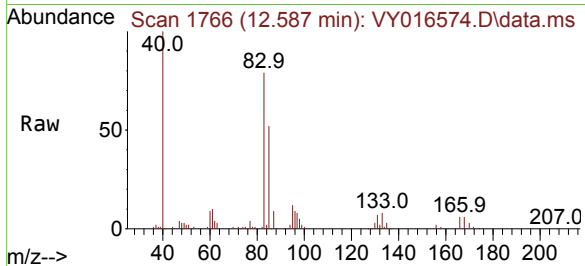




#75
1,1,2,2-Tetrachloroethane
Concen: 19.795 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

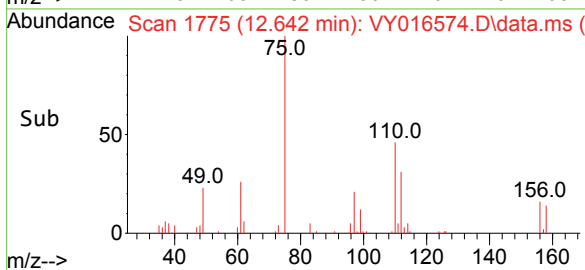
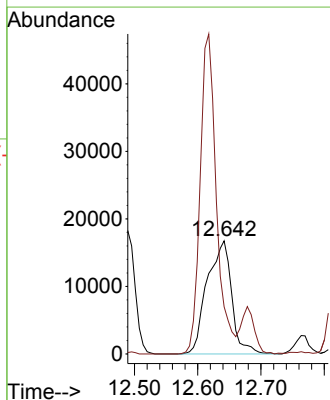
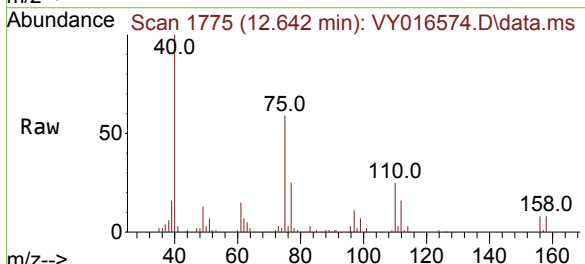
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

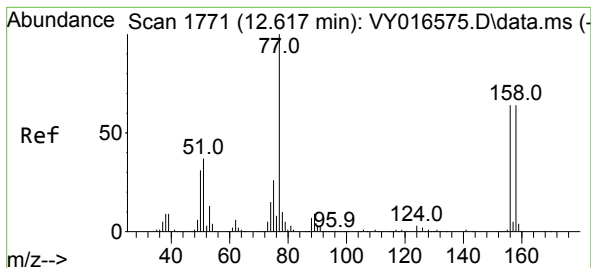
Tgt Ion: 83 Resp: 33029
Ion Ratio Lower Upper
83 100
131 11.4 5.4 16.2
85 66.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 34.386 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 75 Resp: 45104
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.448 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

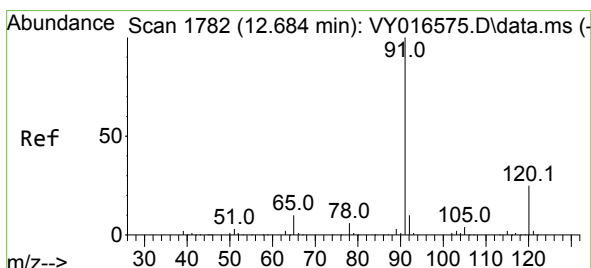
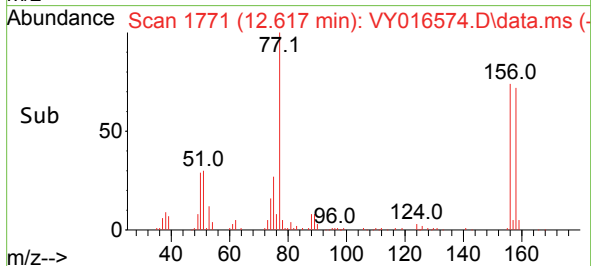
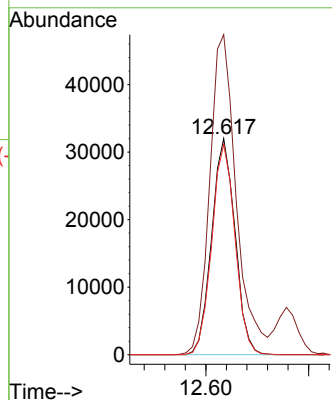
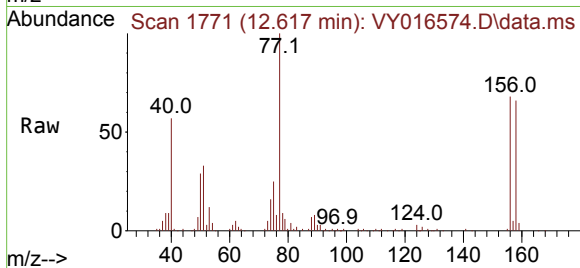
Tgt Ion:156 Resp: 50555

Ion Ratio Lower Upper

156 100

77 167.9 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 20.745 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY016574.D

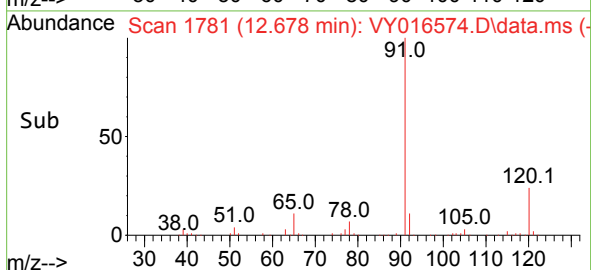
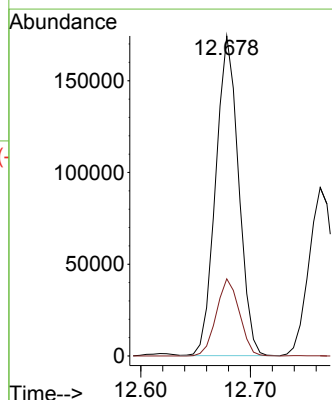
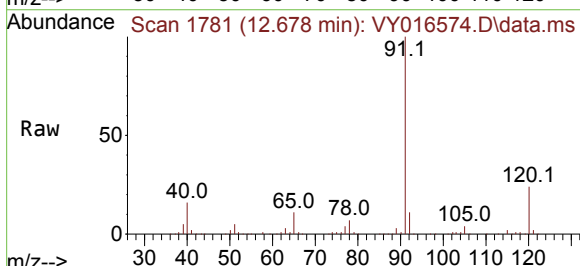
Acq: 04 Dec 2023 13:08

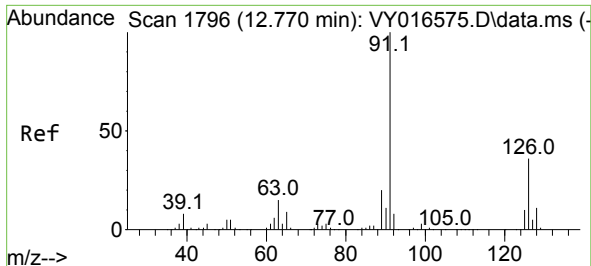
Tgt Ion: 91 Resp: 253295

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

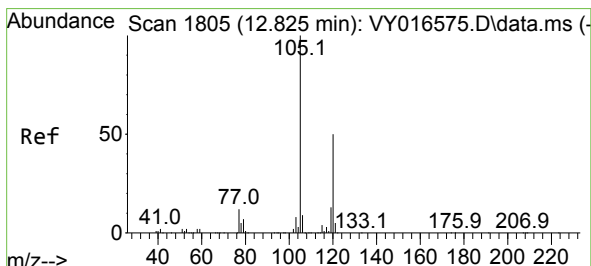
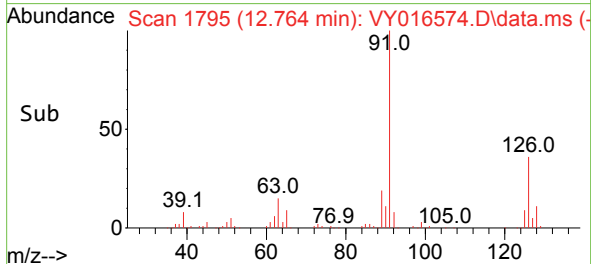
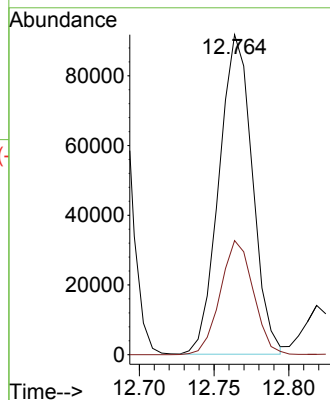
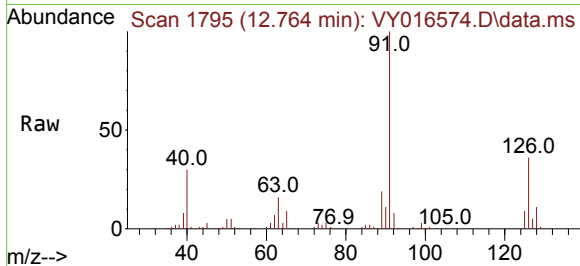




#79
2-Chlorotoluene
Concen: 20.697 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

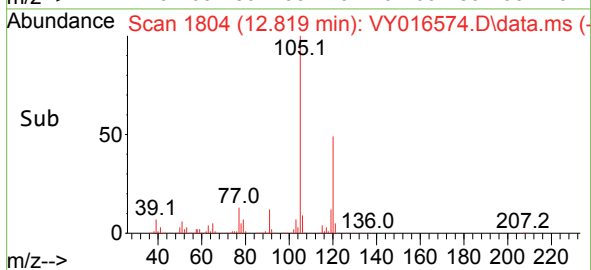
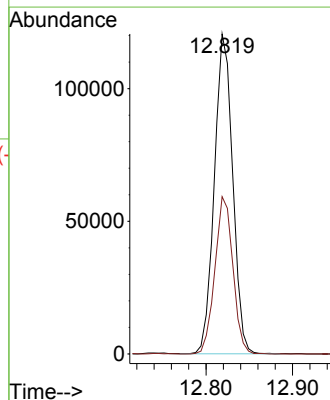
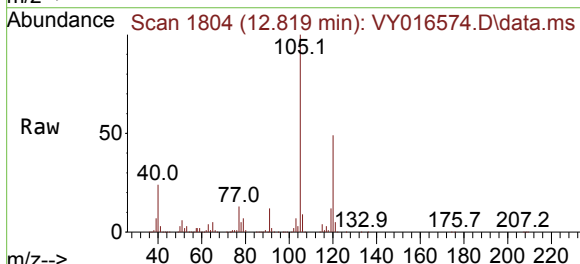
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

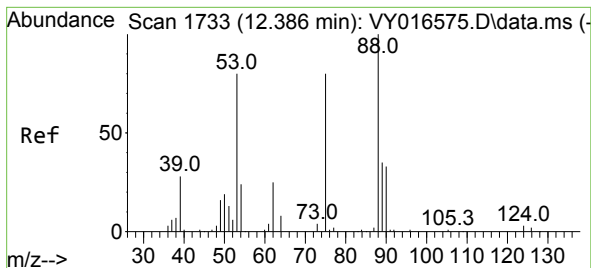
Tgt Ion: 91 Resp: 142403
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.759 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 105 Resp: 176952
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7

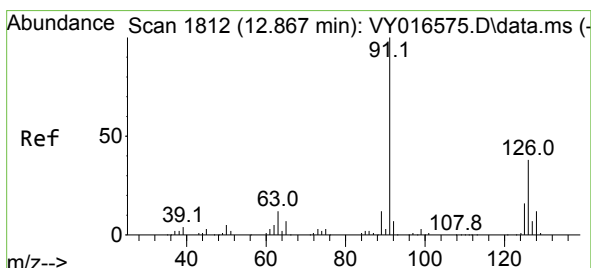
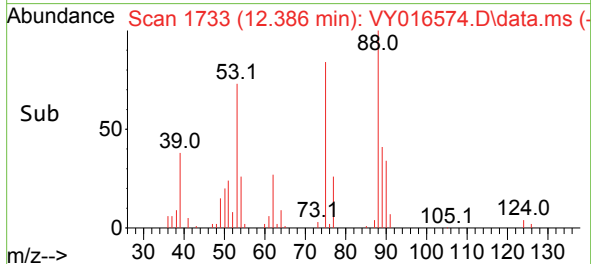
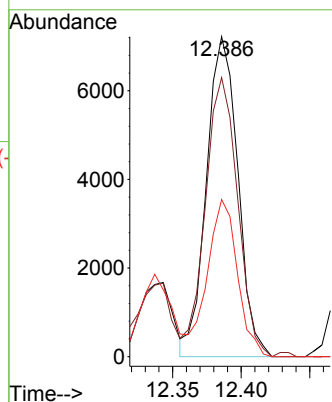
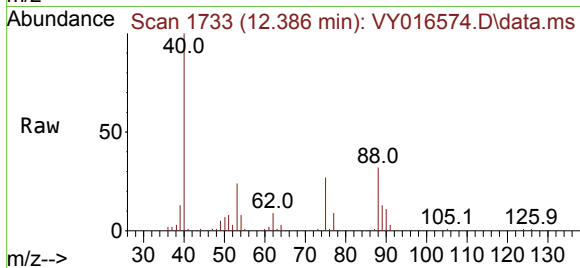




#81
trans-1,4-Dichloro-2-butene
Concen: 20.253 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

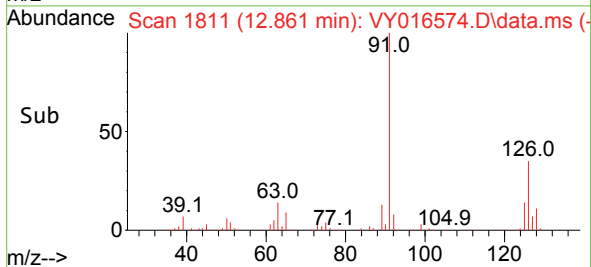
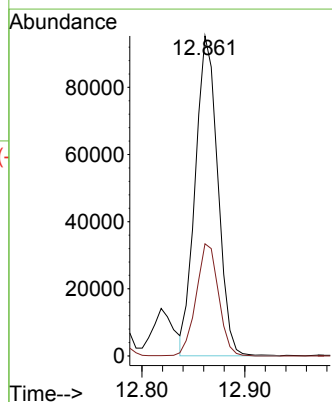
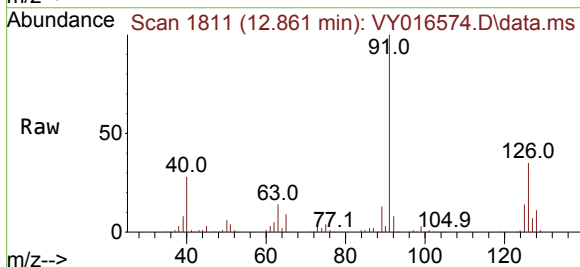
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

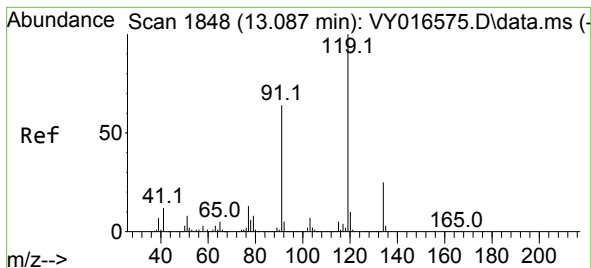
Tgt Ion: 75 Resp: 11490
Ion Ratio Lower Upper
75 100
53 90.2 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.355 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 91 Resp: 144917
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.758 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

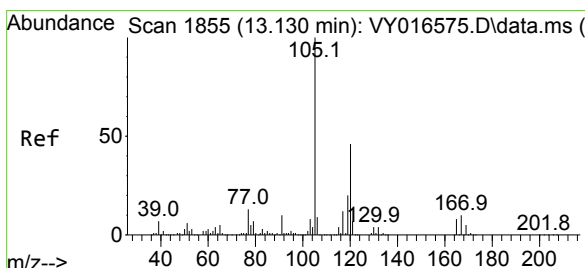
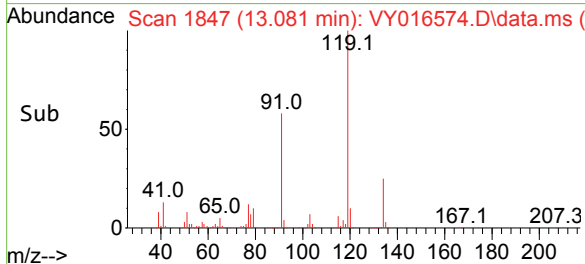
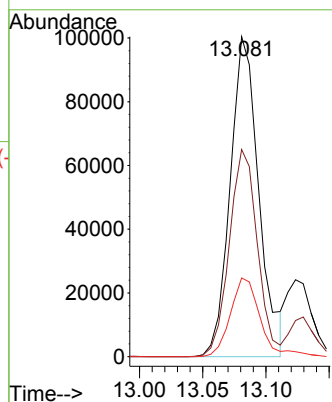
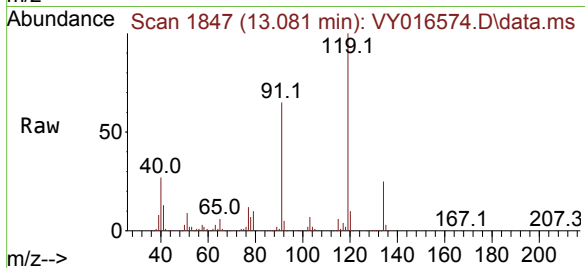
Tgt Ion:119 Resp: 158096

Ion Ratio Lower Upper

119 100

91 63.6 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.540 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016574.D

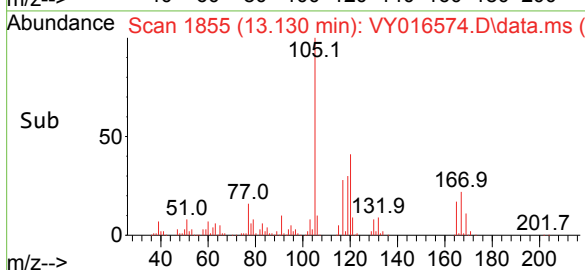
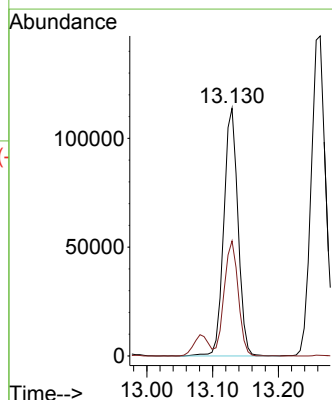
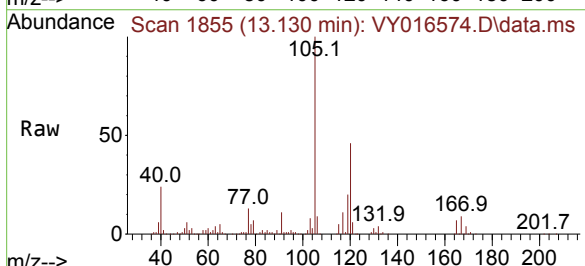
Acq: 04 Dec 2023 13:08

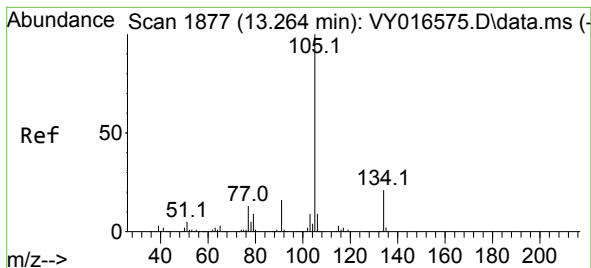
Tgt Ion:105 Resp: 171020

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.961 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

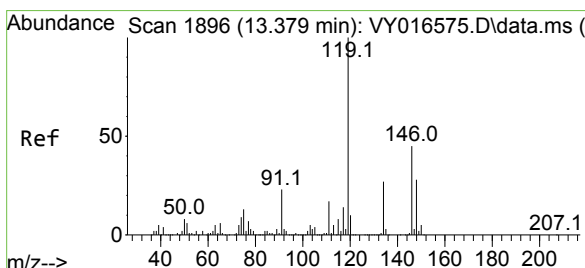
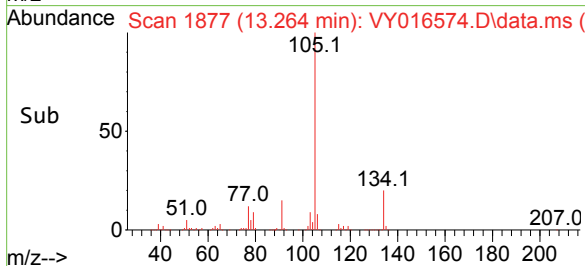
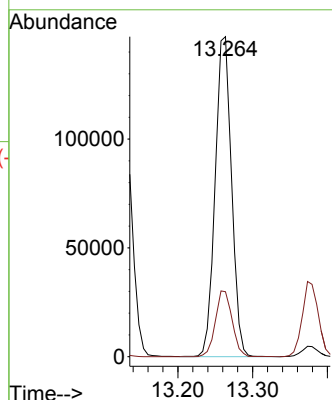
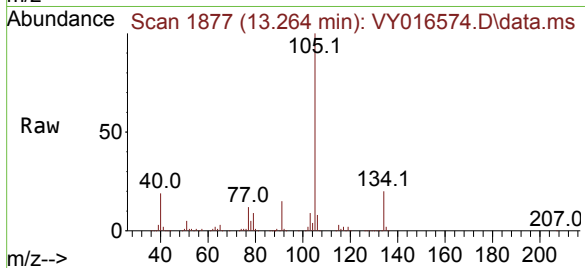
VSTDIC020

Tgt Ion:105 Resp: 224208

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.484 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

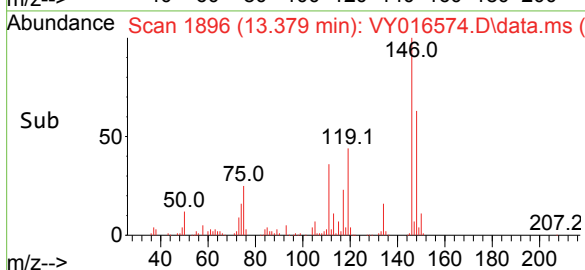
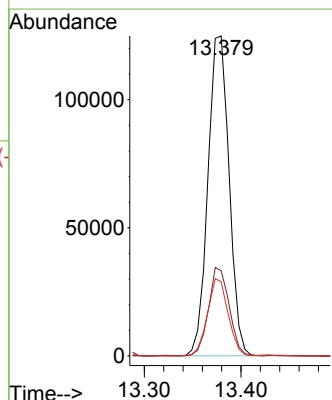
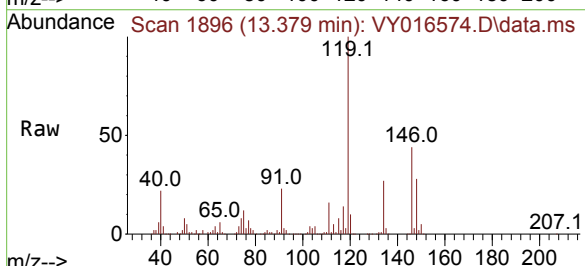
Tgt Ion:119 Resp: 190200

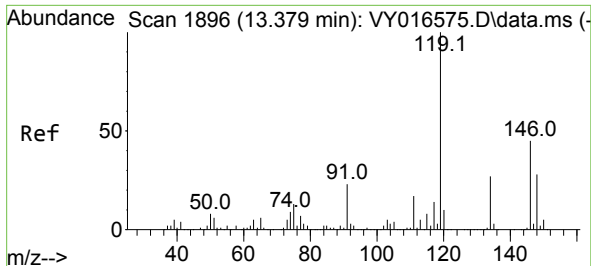
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.404 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

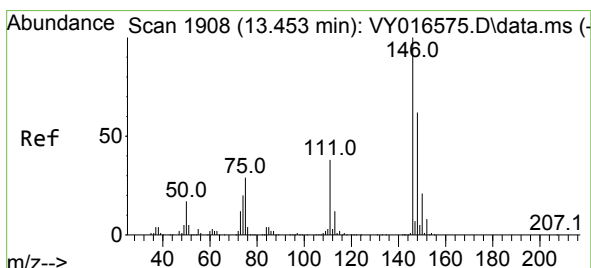
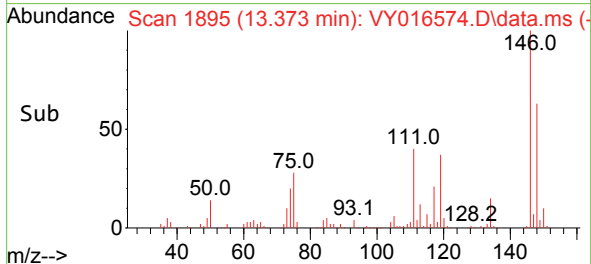
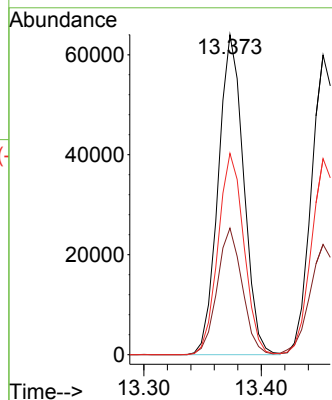
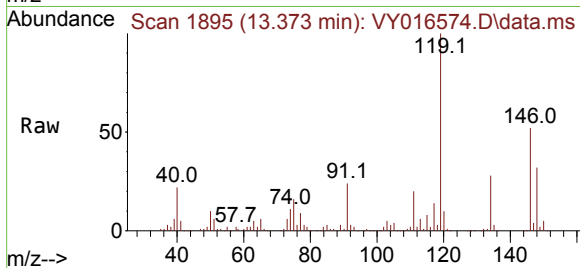
Tgt Ion:146 Resp: 96297

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.007 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

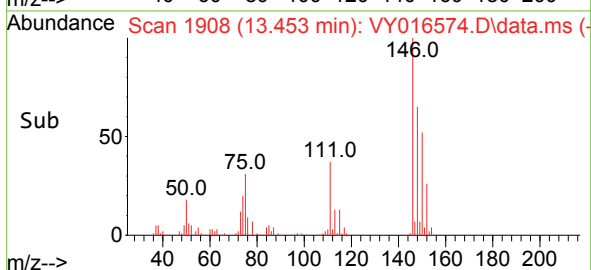
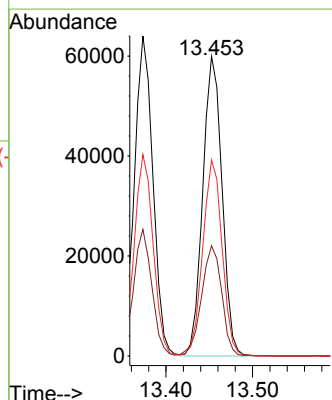
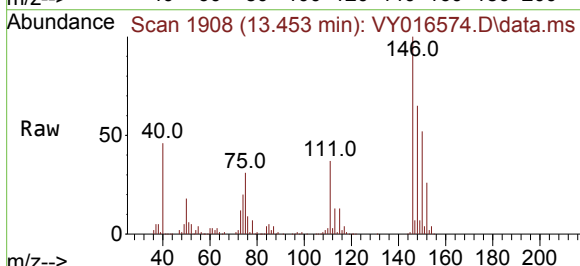
Tgt Ion:146 Resp: 92670

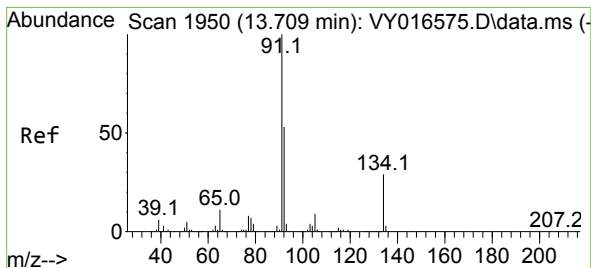
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 65.7 32.1 96.5





#89

n-Butylbenzene

Concen: 20.710 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

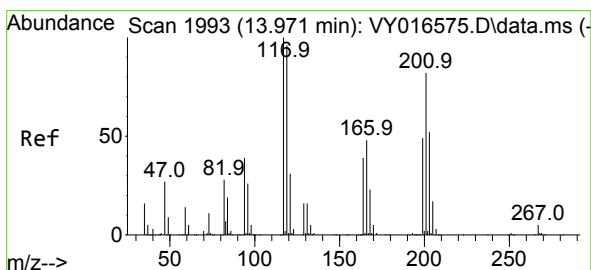
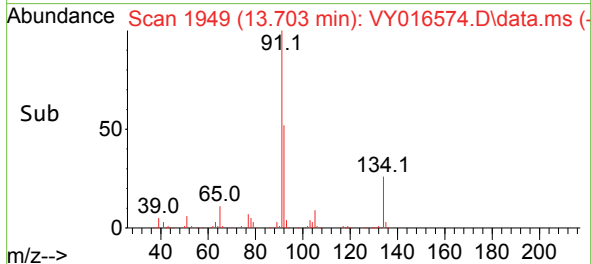
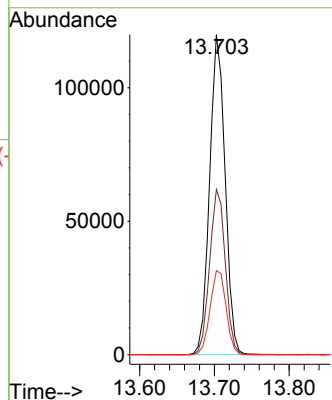
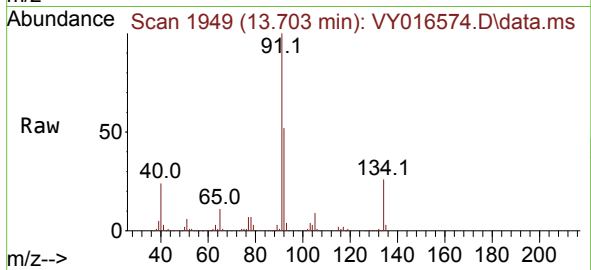
Tgt Ion: 91 Resp: 172935

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 27.1 12.6 37.6



#90

Hexachloroethane

Concen: 20.302 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016574.D

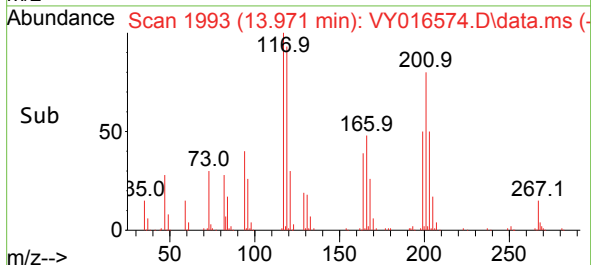
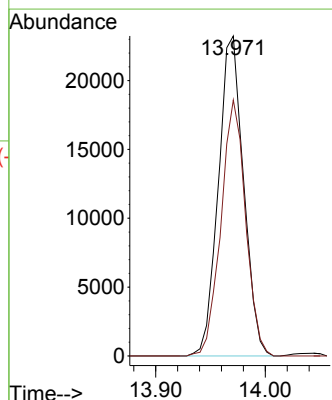
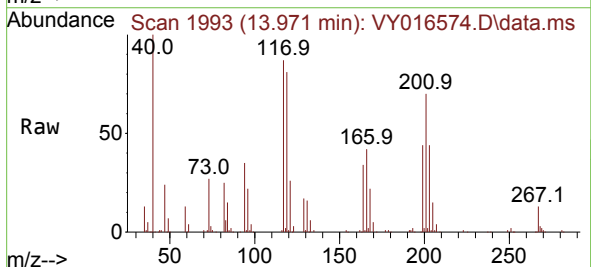
Acq: 04 Dec 2023 13:08

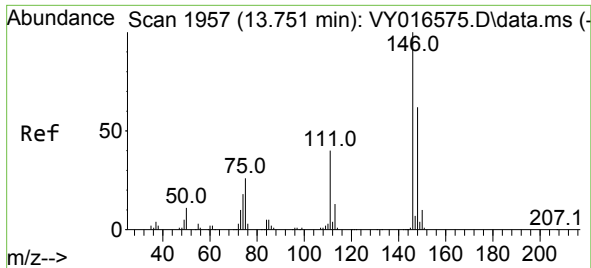
Tgt Ion: 117 Resp: 37091

Ion Ratio Lower Upper

117 100

201 78.0 41.6 124.8

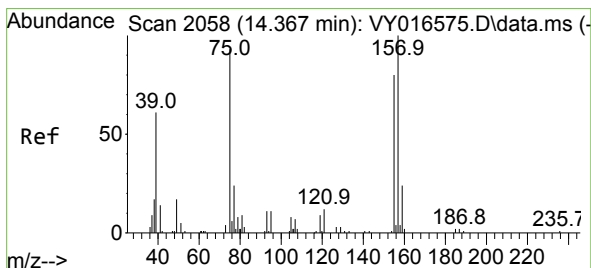
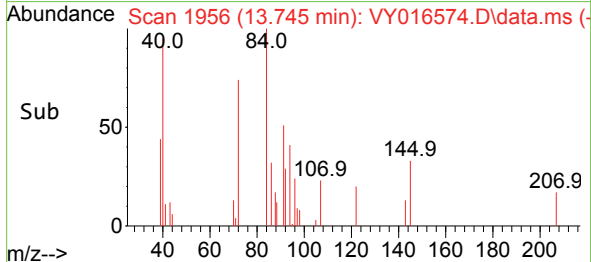
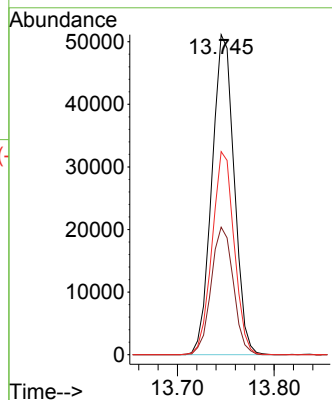
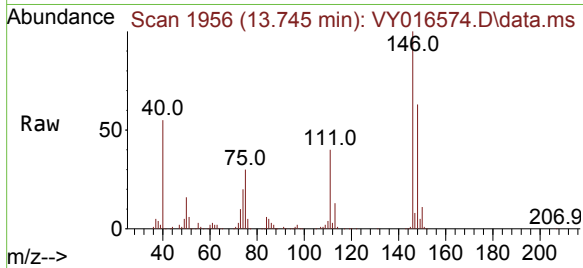




#91
1,2-Dichlorobenzene
Concen: 20.193 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

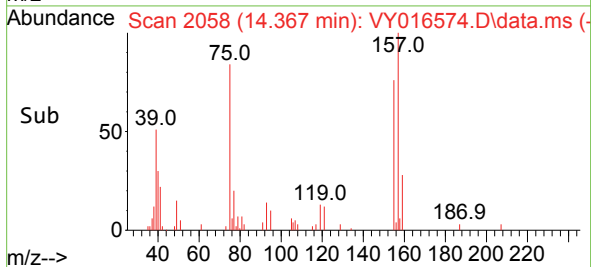
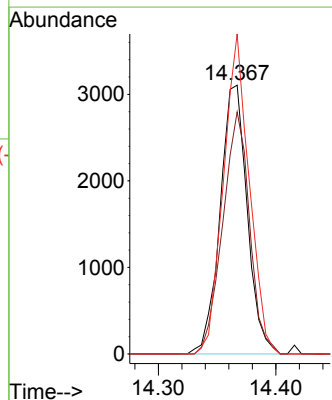
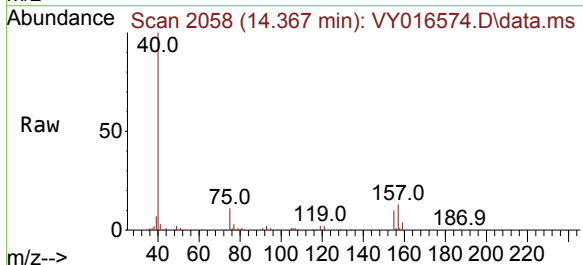
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

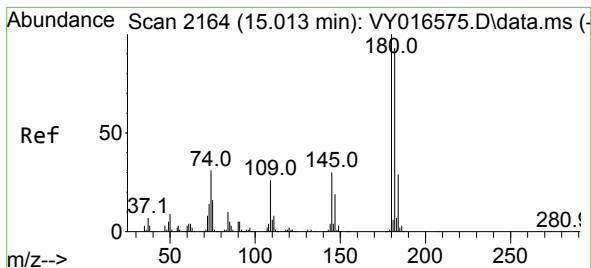
Tgt Ion:146 Resp: 81822
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.0
148 62.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.711 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016574.D
Acq: 04 Dec 2023 13:08

Tgt Ion: 75 Resp: 4996
Ion Ratio Lower Upper
75 100
155 88.8 41.5 124.6
157 113.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.975 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

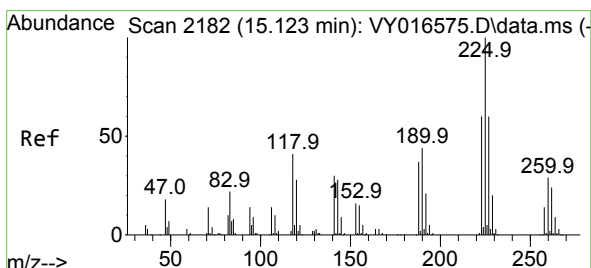
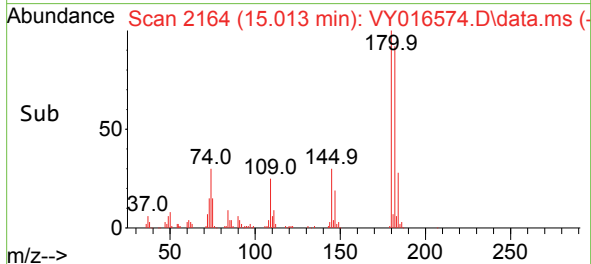
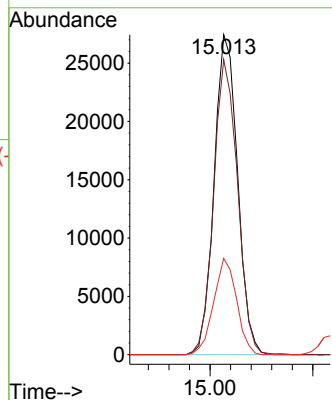
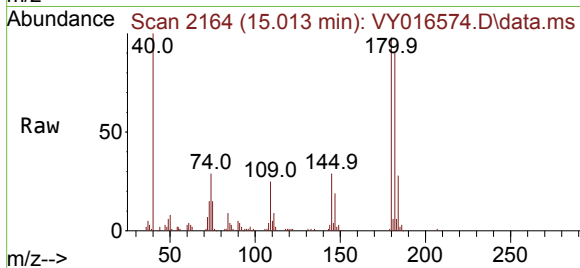
Tgt Ion:180 Resp: 43387

Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.2

145 29.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.561 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

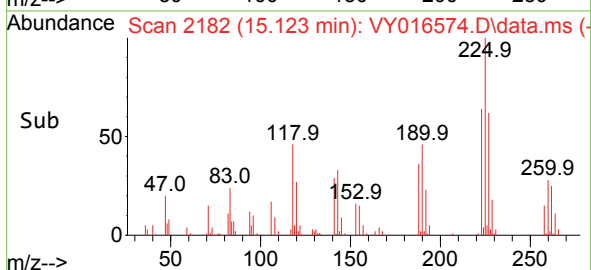
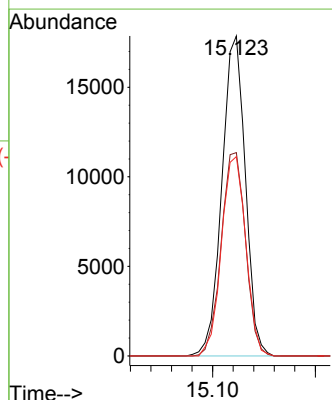
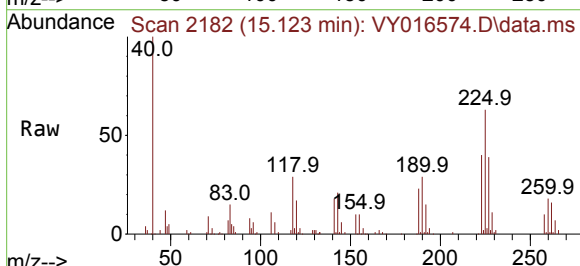
Tgt Ion:225 Resp: 28258

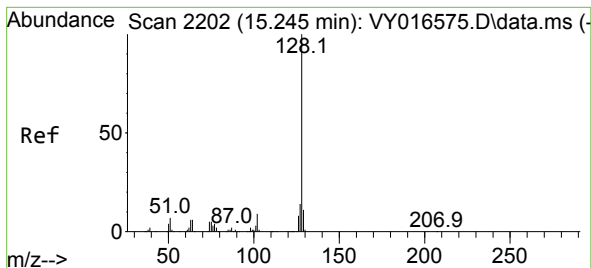
Ion Ratio Lower Upper

225 100

223 66.1 31.9 95.9

227 64.6 33.0 98.9





#95

Naphthalene

Concen: 20.545 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

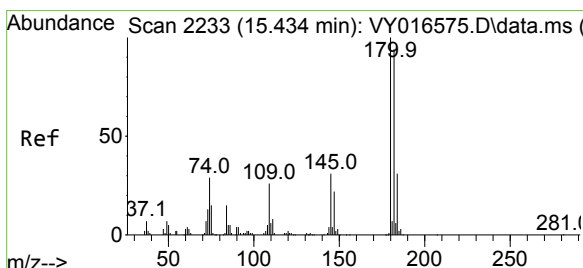
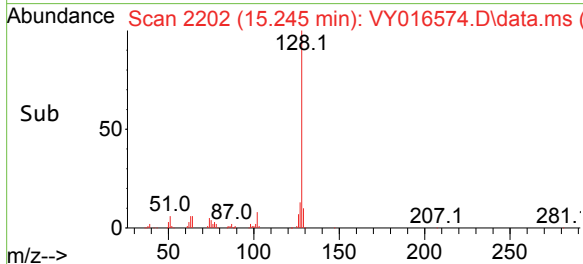
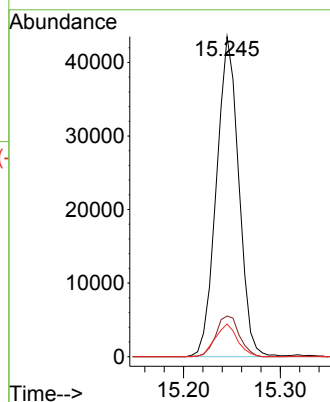
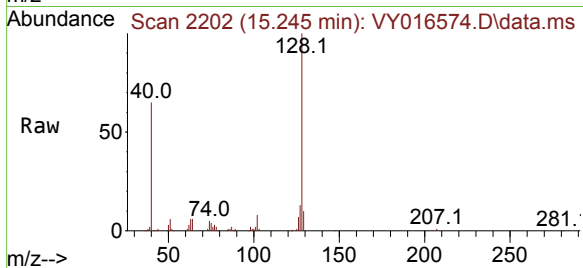
Tgt Ion:128 Resp: 69695

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.180 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016574.D

Acq: 04 Dec 2023 13:08

Tgt Ion:180 Resp: 33845

Ion Ratio Lower Upper

180 100

182 98.7 47.3 141.8

145 32.6 15.4 46.2

