

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016917.D
 Acq On : 05 Jan 2024 12:27
 Operator : SY/MD
 Sample : VY0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:34:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	137720	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	228062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	193825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	84603	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	58719	43.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.280%
35) Dibromofluoromethane	7.740	113	63801	43.901	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.800%
50) Toluene-d8	10.197	98	230253	46.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.501	95	73764	43.688	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22339	19.607	ug/l	97
3) Chloromethane	2.125	50	31317	19.358	ug/l	98
4) Vinyl Chloride	2.265	62	36743	19.254	ug/l	99
5) Bromomethane	2.668	94	25893	18.940	ug/l	99
6) Chloroethane	2.814	64	24917	19.303	ug/l	95
7) Trichlorofluoromethane	3.143	101	46219	19.657	ug/l	97
8) Diethyl Ether	3.552	74	14055	18.704	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.924	101	30022	19.637	ug/l	100
10) Methyl Iodide	4.119	142	24156	18.572	ug/l	97
11) Tert butyl alcohol	4.966	59	10721	86.562	ug/l #	94
12) 1,1-Dichloroethene	3.899	96	25586	19.505	ug/l	98
13) Acrolein	3.753	56	16071	103.664	ug/l	97
14) Allyl chloride	4.503	41	40343	19.455	ug/l	99
15) Acrylonitrile	5.192	53	32448	92.319	ug/l	100
16) Acetone	3.966	43	41717	110.922	ug/l	99
17) Carbon Disulfide	4.222	76	56564	18.047	ug/l	100
18) Methyl Acetate	4.503	43	24276	16.647	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	63566	18.627	ug/l	96
20) Methylene Chloride	4.747	84	35102	14.502	ug/l	96
21) trans-1,2-Dichloroethene	5.253	96	29421	19.583	ug/l	98
22) Diisopropyl ether	6.143	45	95275	19.873	ug/l	98
23) Vinyl Acetate	6.088	43	216183	98.343	ug/l	98
24) 1,1-Dichloroethane	6.045	63	56574	19.637	ug/l	95
25) 2-Butanone	7.008	43	50757	103.591	ug/l	99
26) 2,2-Dichloropropane	7.015	77	49136	19.671	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	34493	19.586	ug/l	98
28) Bromochloromethane	7.356	49	20938	19.359	ug/l	99
29) Tetrahydrofuran	7.380	42	25026	90.840	ug/l	98
30) Chloroform	7.533	83	58753	19.790	ug/l	97
31) Cyclohexane	7.807	56	44916	19.226	ug/l	94
32) 1,1,1-Trichloroethane	7.728	97	49465	19.650	ug/l	99
36) 1,1-Dichloropropene	7.941	75	42175	19.913	ug/l	99
37) Ethyl Acetate	7.100	43	18647	19.374	ug/l	100
38) Carbon Tetrachloride	7.923	117	42923	19.947	ug/l	94
39) Methylcyclohexane	9.203	83	46290	19.441	ug/l	99
40) Benzene	8.185	78	126929	19.978	ug/l	100

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 Operator : SY/MD
 Sample : VY0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:34:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9263	18.273	ug/l	90
42) 1,2-Dichloroethane	8.258	62	32605	19.331	ug/l	99
43) Isopropyl Acetate	8.295	43	33538	18.196	ug/l	99
44) Trichloroethene	8.959	130	31373	19.406	ug/l	97
45) 1,2-Dichloropropane	9.234	63	32277	19.720	ug/l	100
46) Dibromomethane	9.325	93	15829	18.962	ug/l	99
47) Bromodichloromethane	9.514	83	43899	19.583	ug/l	99
48) Methyl methacrylate	9.313	41	18910	19.011	ug/l	96
49) 1,4-Dioxane	9.319	88	3397	393.014	ug/l	97
51) 4-Methyl-2-Pentanone	10.087	43	91324	93.166	ug/l	99
52) Toluene	10.264	92	77336	20.169	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	38303	19.076	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	46803	19.410	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	23379	19.170	ug/l	98
56) Ethyl methacrylate	10.526	69	19047	18.439	ug/l	98
57) 1,3-Dichloropropane	10.807	76	39189	19.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	52407	92.440	ug/l	100
59) 2-Hexanone	10.849	43	69936	96.895	ug/l	99
60) Dibromochloromethane	11.002	129	27400	19.482	ug/l	99
61) 1,2-Dibromoethane	11.105	107	20593	19.435	ug/l	99
64) Tetrachloroethene	10.733	164	24896	19.812	ug/l	94
65) Chlorobenzene	11.532	112	79696	19.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	29475	19.203	ug/l	97
67) Ethyl Benzene	11.611	91	144312	19.852	ug/l	99
68) m/p-Xylenes	11.721	106	107251	40.195	ug/l	100
69) o-Xylene	12.044	106	49654	19.850	ug/l	99
70) Styrene	12.062	104	72003	19.778	ug/l	98
71) Bromoform	12.227	173	14619	19.347	ug/l #	99
73) Isopropylbenzene	12.349	105	137464	19.897	ug/l	99
74) N-amyl acetate	12.160	43	26412	19.028	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	26499	18.825	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	30866	33.620	ug/l #	100
77) Bromobenzene	12.629	156	29360	19.302	ug/l	99
78) n-propylbenzene	12.690	91	169648	20.199	ug/l	100
79) 2-Chlorotoluene	12.776	91	92612	19.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	110733	20.266	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	7367	18.221	ug/l	99
82) 4-Chlorotoluene	12.873	91	95699	20.112	ug/l	99
83) tert-Butylbenzene	13.093	119	96354	20.021	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	107442	19.967	ug/l	99
85) sec-Butylbenzene	13.270	105	142692	20.010	ug/l	99
86) p-Isopropyltoluene	13.385	119	116779	19.843	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	57906	19.411	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	56533	19.375	ug/l	97
89) n-Butylbenzene	13.715	91	113101	19.988	ug/l	99
90) Hexachloroethane	13.977	117	24500	19.373	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	50006	19.397	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3246	18.389	ug/l	94
93) 1,2,4-Trichlorobenzene	15.025	180	24035	18.774	ug/l	100
94) Hexachlorobutadiene	15.129	225	15456	19.272	ug/l	99
95) Naphthalene	15.257	128	40450	18.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	19973	18.374	ug/l	97

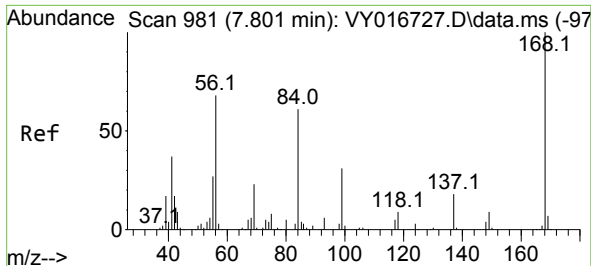
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016917.D
Acq On : 05 Jan 2024 12:27
Operator : SY/MD
Sample : VY0105SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 05 22:34:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

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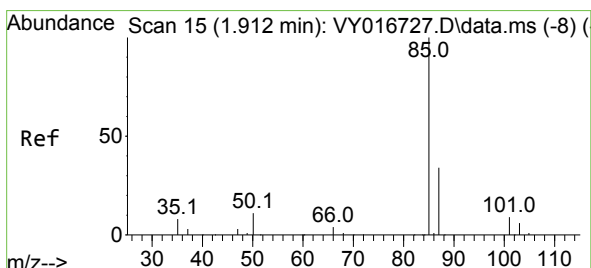
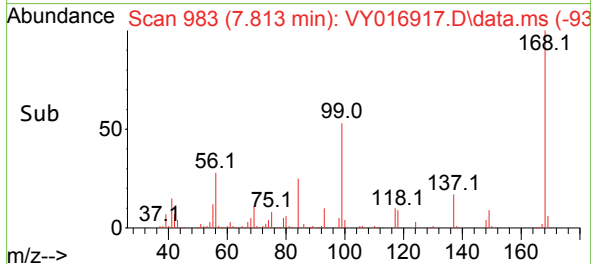
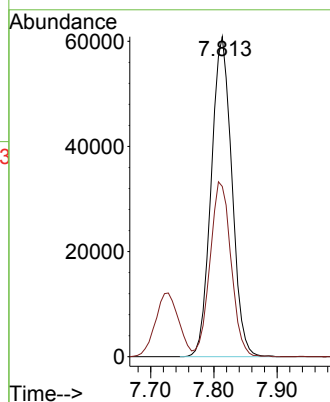
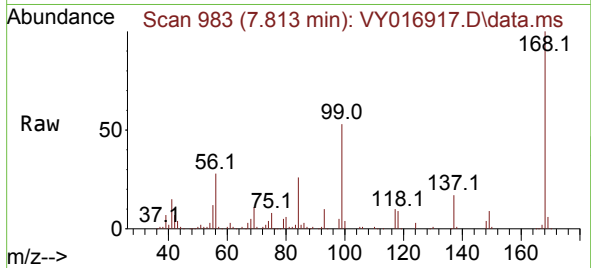
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

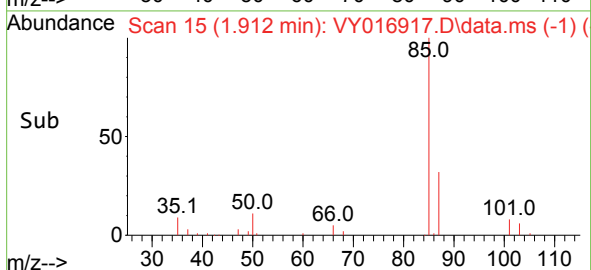
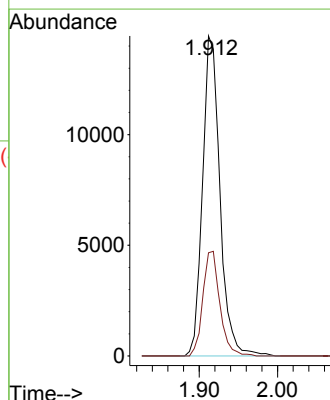
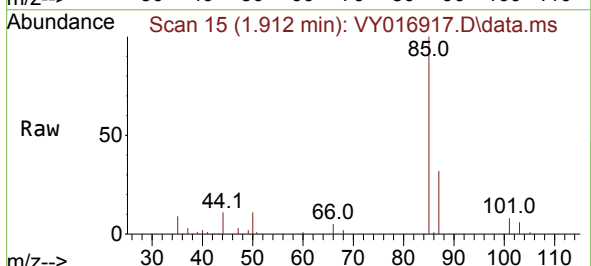
Instrument :
MSVOA_Y
ClientSampleId :

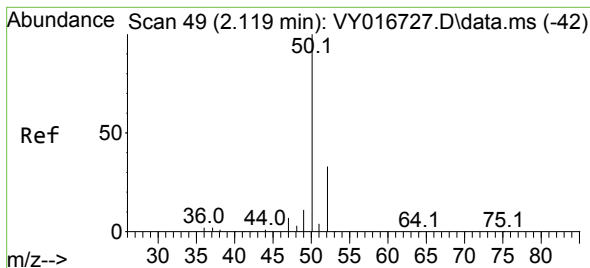
Tgt Ion:168 Resp: 137720
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.607 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 85 Resp: 22339
Ion Ratio Lower Upper
85 100
87 32.2 17.1 51.3





#3

Chloromethane

Concen: 19.358 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

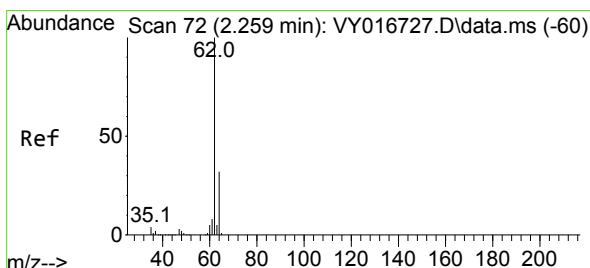
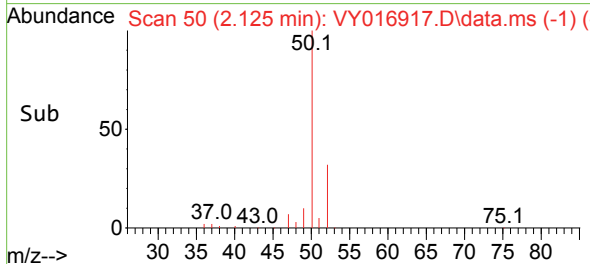
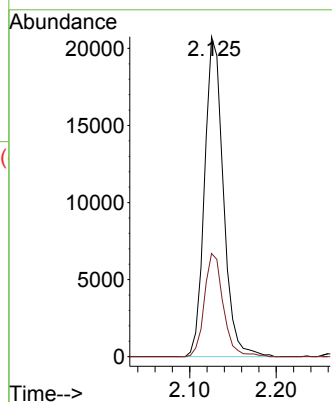
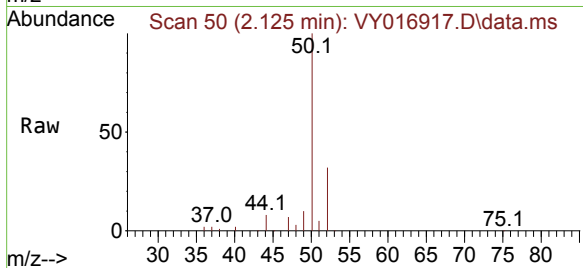
ClientSampleId :

Tgt Ion: 50 Resp: 31317

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 19.254 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016917.D

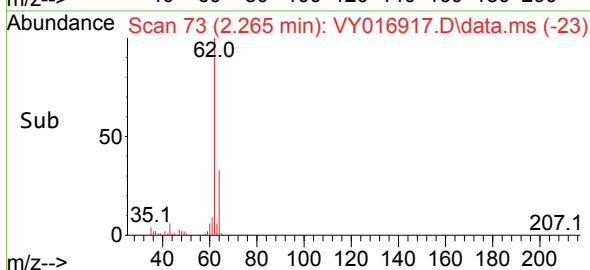
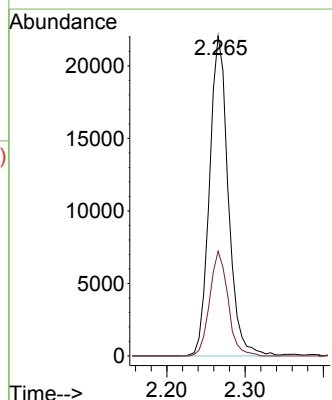
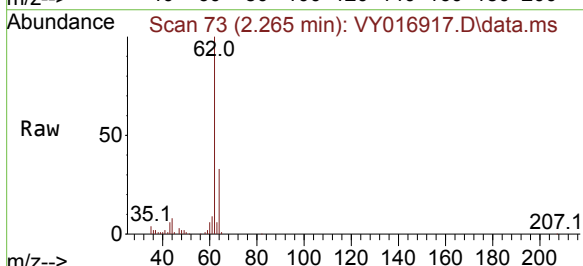
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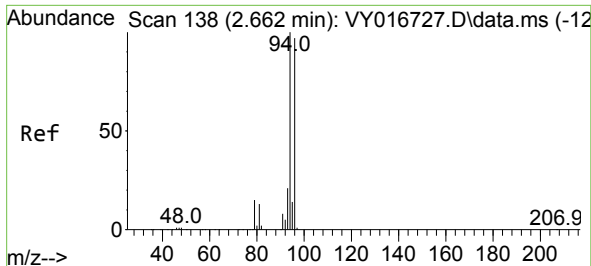
Tgt Ion: 62 Resp: 36743

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 18.940 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

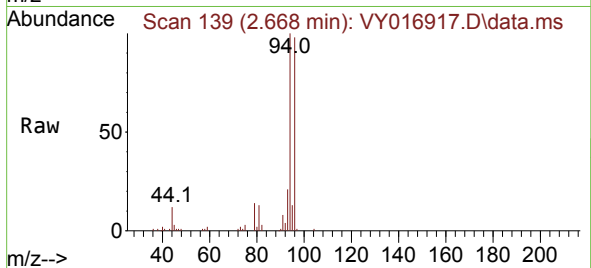
Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

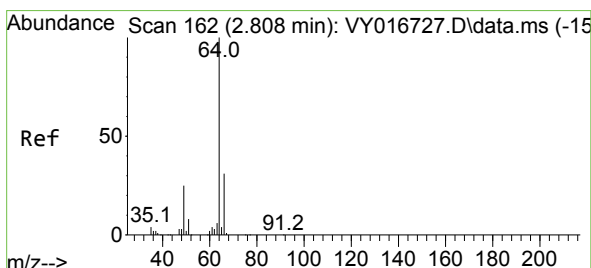
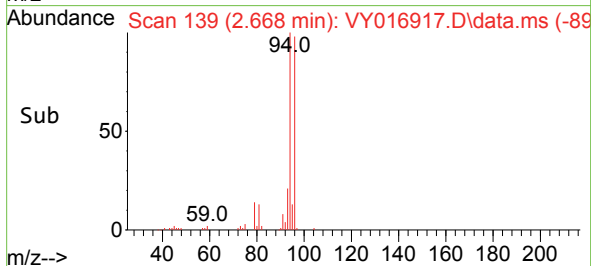
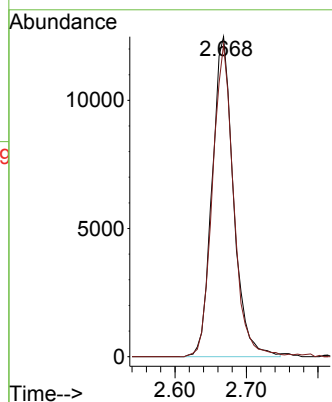


Tgt Ion: 94 Resp: 25893

Ion Ratio Lower Upper

94 100

96 97.5 77.3 115.9



#6

Chloroethane

Concen: 19.303 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.006 min

Lab File: VY016917.D

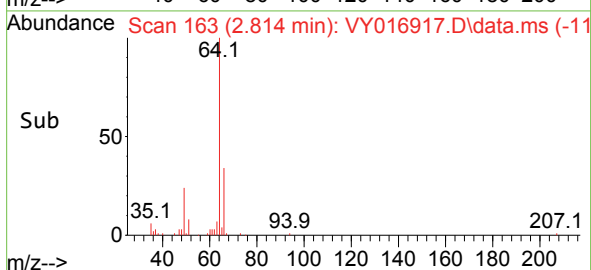
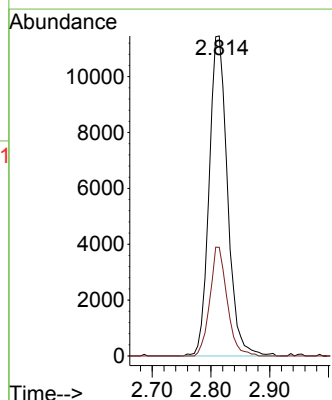
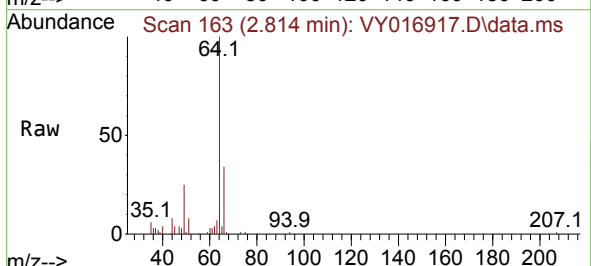
Acq: 05 Jan 2024 12:27

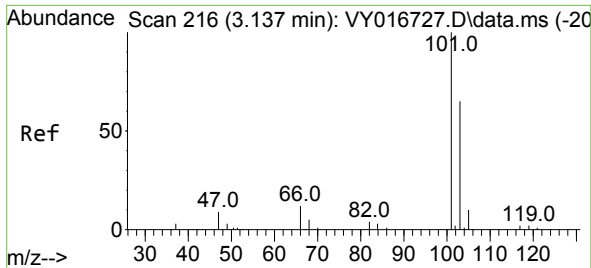
Tgt Ion: 64 Resp: 24917

Ion Ratio Lower Upper

64 100

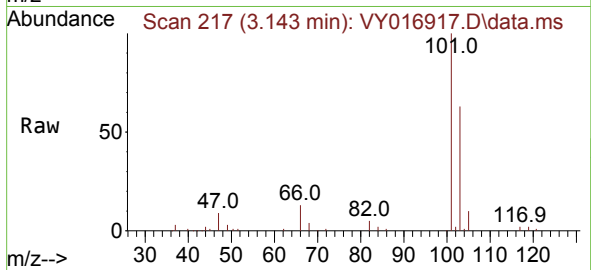
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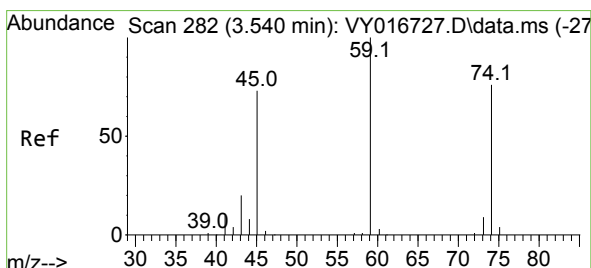
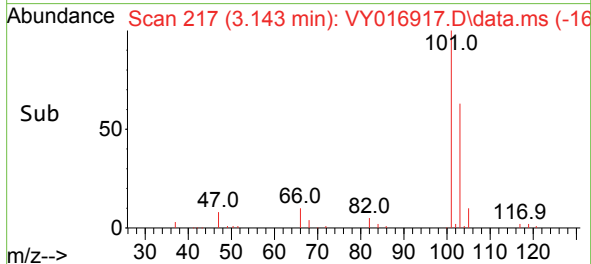
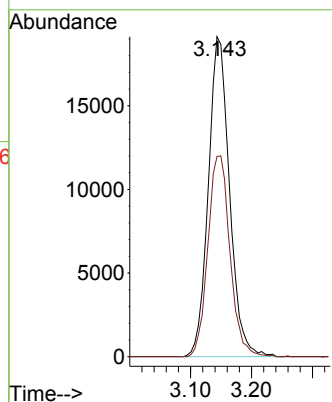


#7
 Trichlorofluoromethane
 Concen: 19.657 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016917.D
 Acq: 05 Jan 2024 12:27

Instrument :
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 ClientSampleId :

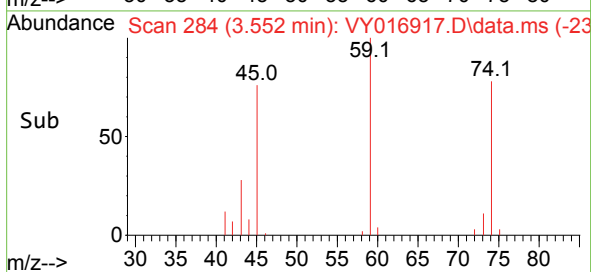
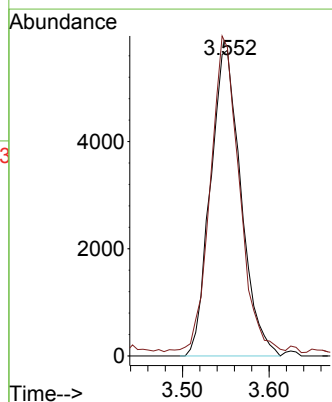
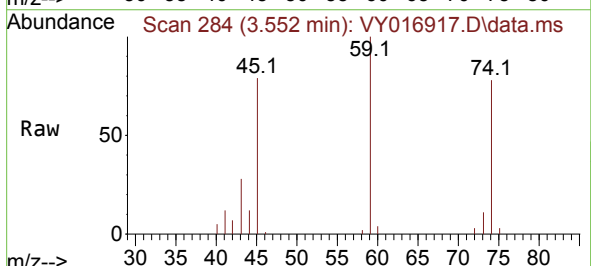


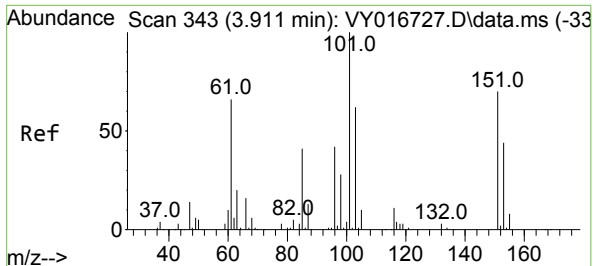
Tgt Ion:101 Resp: 46219
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 18.704 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.012 min
 Lab File: VY016917.D
 Acq: 05 Jan 2024 12:27

Tgt Ion: 74 Resp: 14055
 Ion Ratio Lower Upper
 74 100
 45 95.5 47.9 143.7

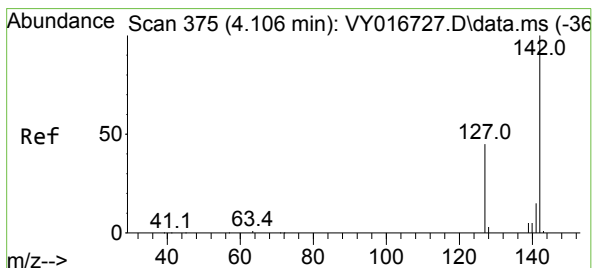
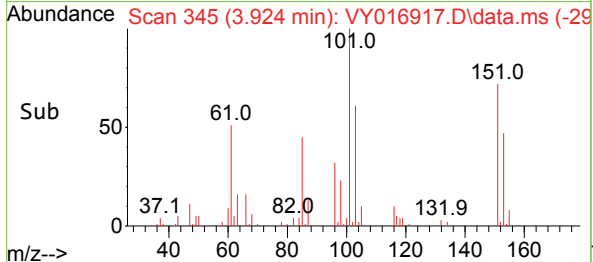
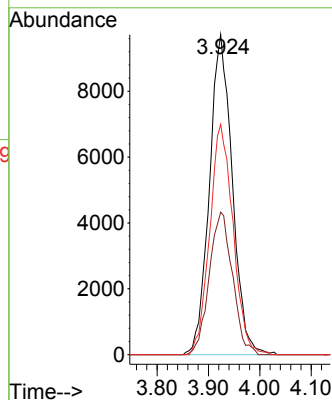
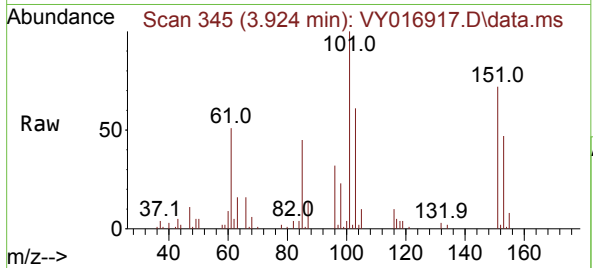




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.637 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

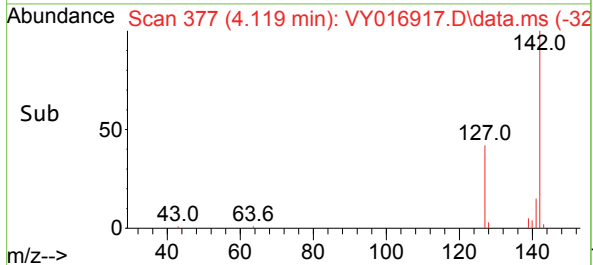
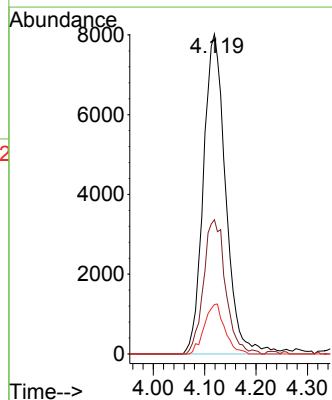
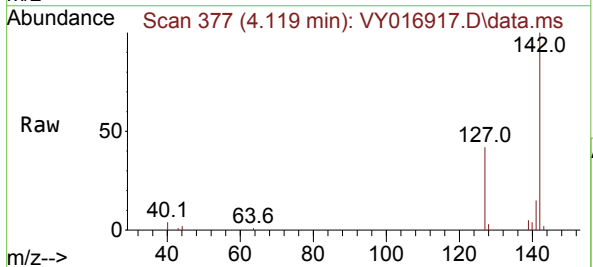
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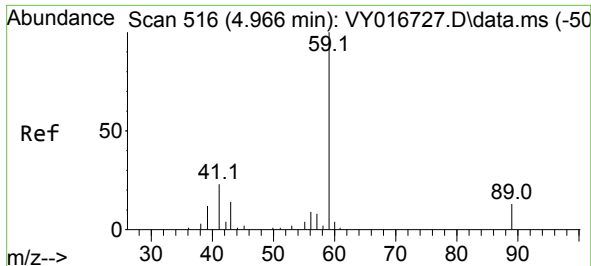
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Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 73.4 58.6 88.0



#10
Methyl Iodide
Concen: 18.572 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion:142 Resp: 24156
Ion Ratio Lower Upper
142 100
127 41.5 35.1 52.7
141 14.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 86.562 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

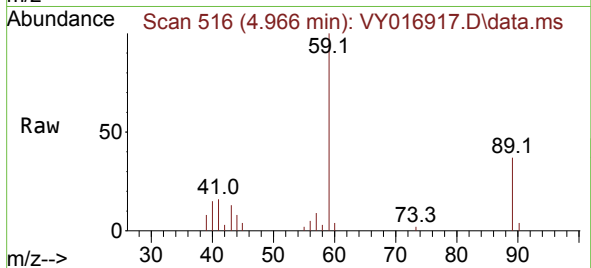
Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

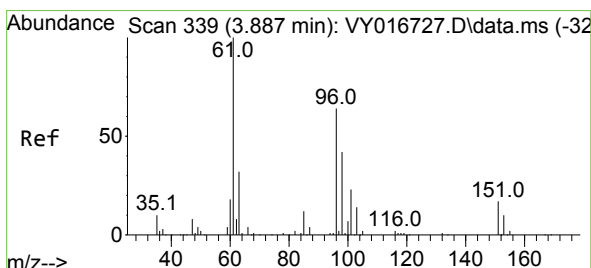
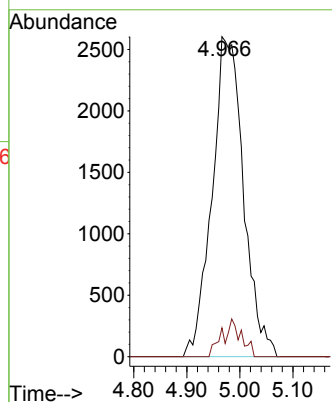
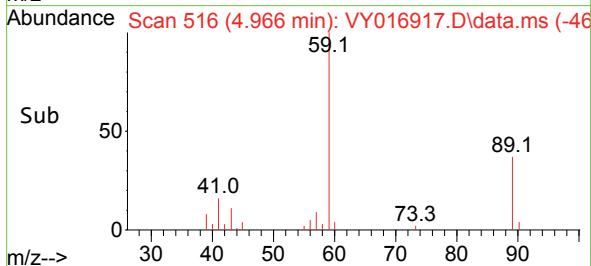


Tgt Ion: 59 Resp: 10721

Ion Ratio Lower Upper

59 100

57 7.1 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 19.505 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

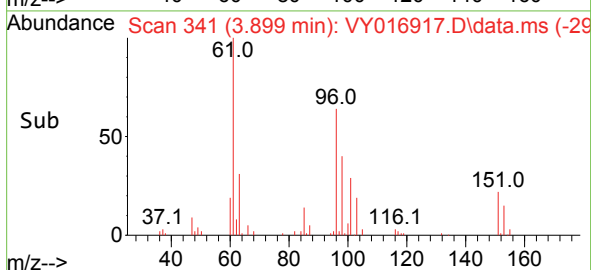
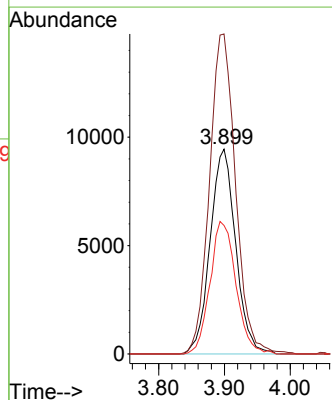
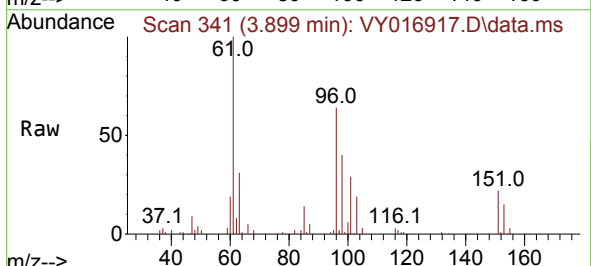
Tgt Ion: 96 Resp: 25586

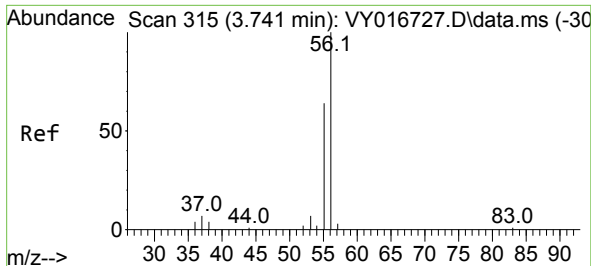
Ion Ratio Lower Upper

96 100

61 156.3 124.2 186.2

98 62.8 52.6 79.0





#13

Acrolein

Concen: 103.664 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

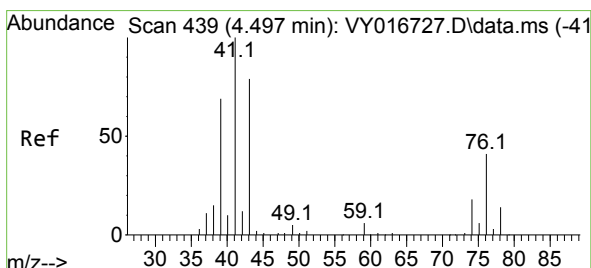
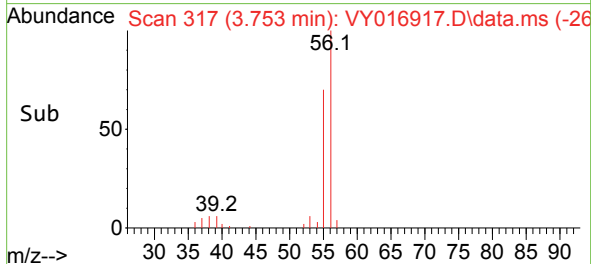
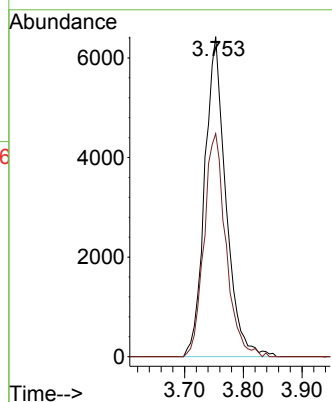
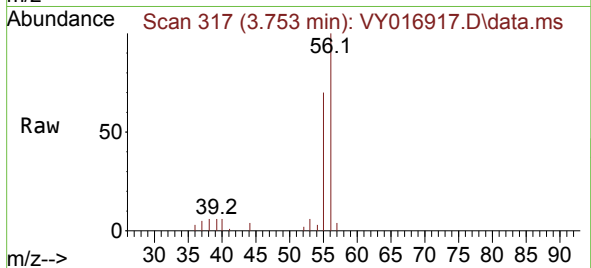
ClientSampleId :

Tgt Ion: 56 Resp: 16071

Ion Ratio Lower Upper

56 100

55 71.9 55.4 83.0



#14

Allyl chloride

Concen: 19.455 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

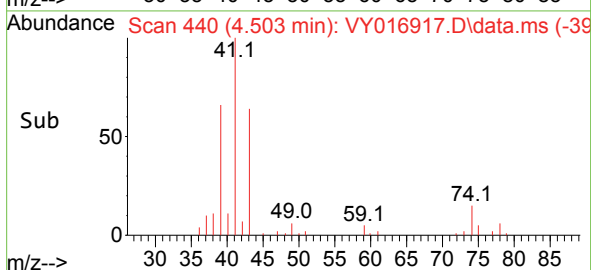
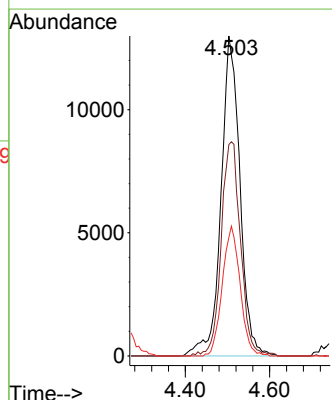
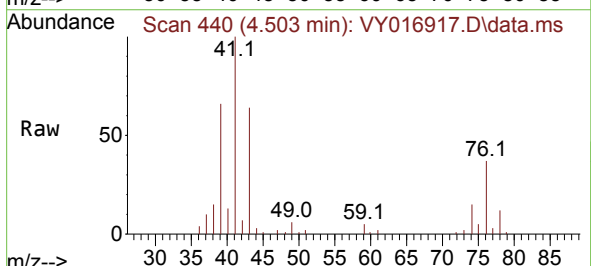
Tgt Ion: 41 Resp: 40343

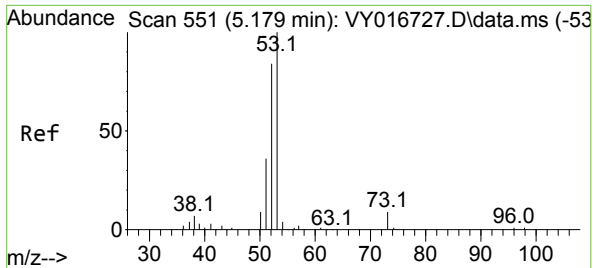
Ion Ratio Lower Upper

41 100

39 68.4 54.7 82.1

76 38.3 31.8 47.6

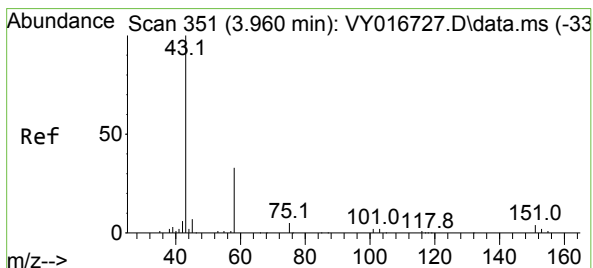
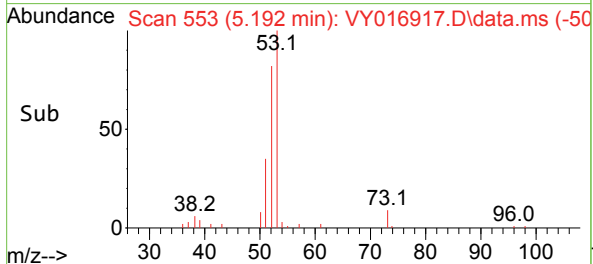
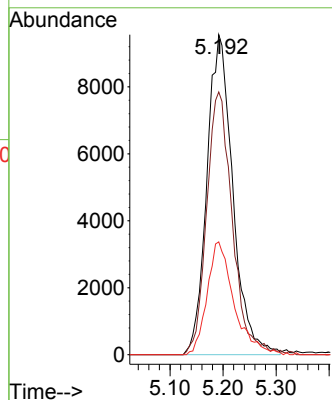
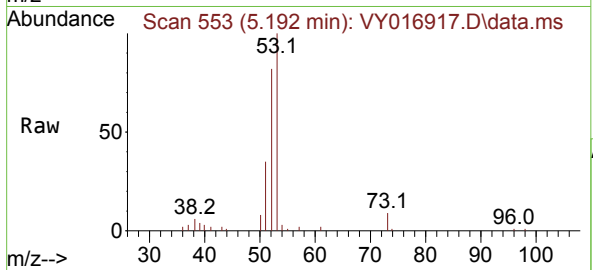




#15
Acrylonitrile
Concen: 92.319 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

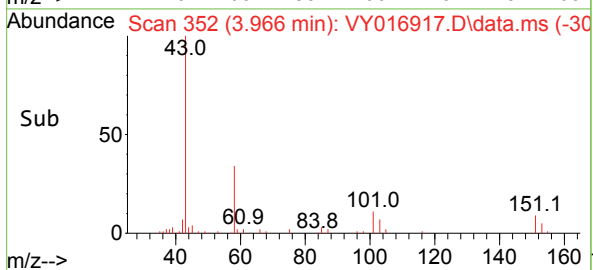
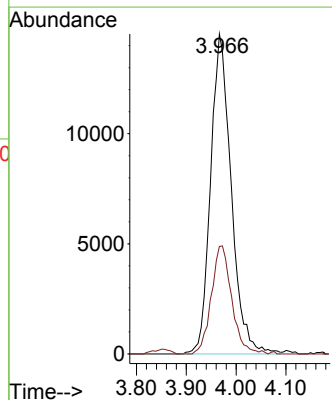
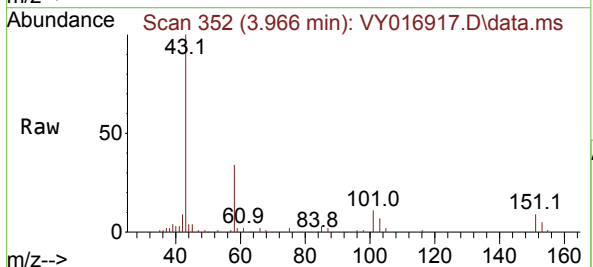
Instrument :
MSVOA_Y
ClientSampleId :

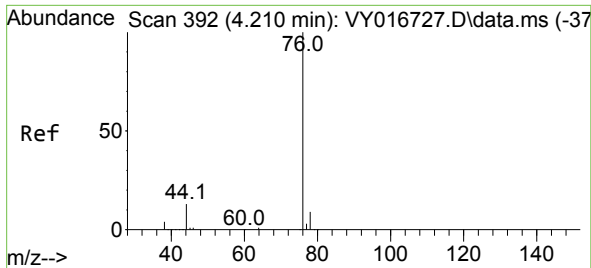
Tgt Ion: 53 Resp: 32448
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 36.5 29.0 43.4



#16
Acetone
Concen: 110.922 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 43 Resp: 41717
Ion Ratio Lower Upper
43 100
58 33.6 26.6 39.8

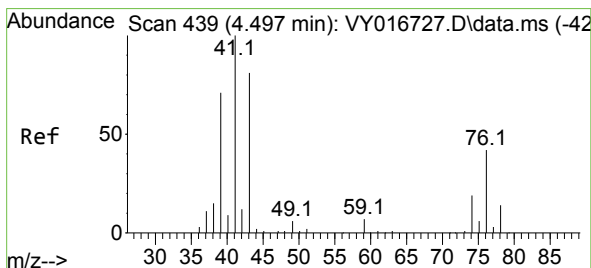
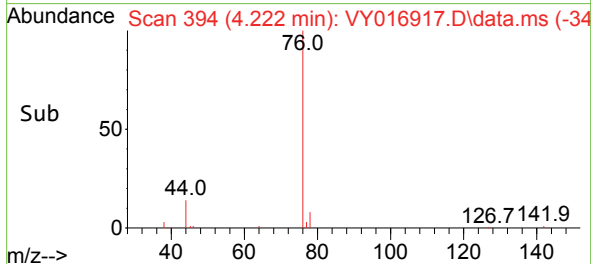
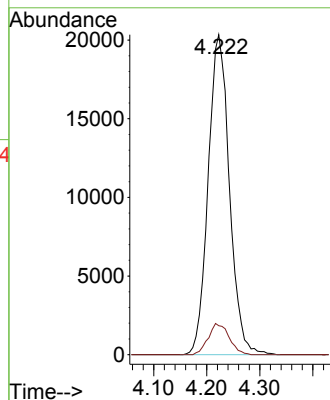
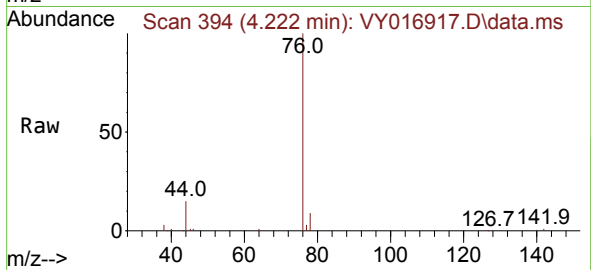




#17
Carbon Disulfide
Concen: 18.047 ug/l
RT: 4.222 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

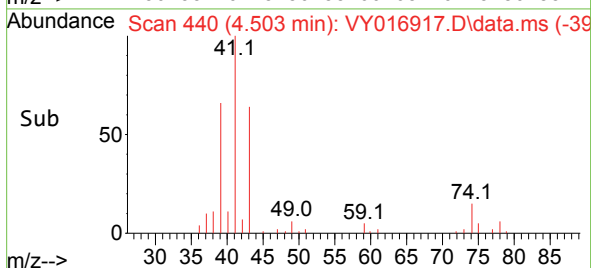
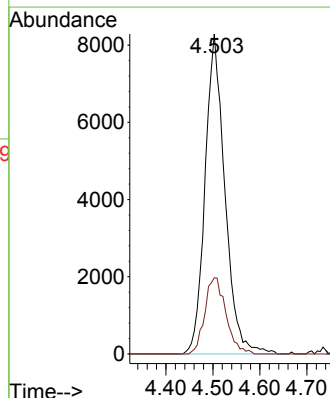
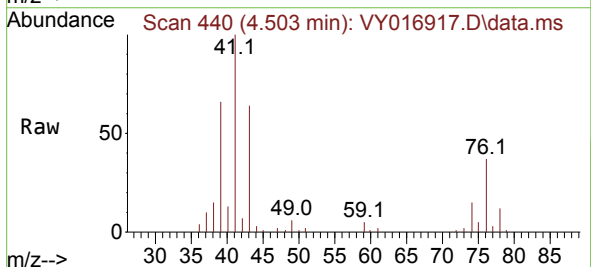
Instrument :
MSVOA_Y
ClientSampleId :

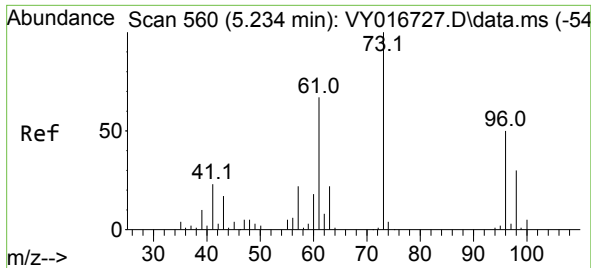
Tgt Ion: 76 Resp: 56564
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 16.647 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

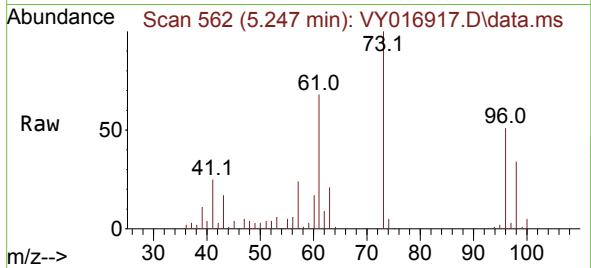
Tgt Ion: 43 Resp: 24276
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6



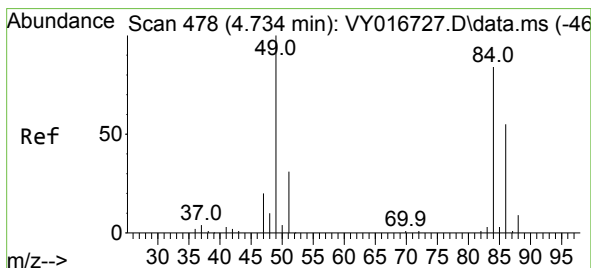
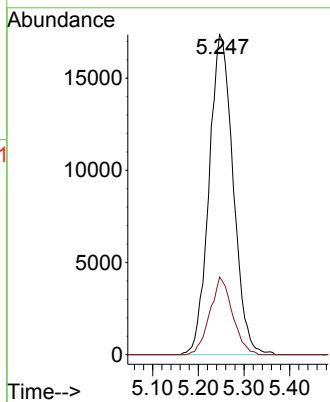
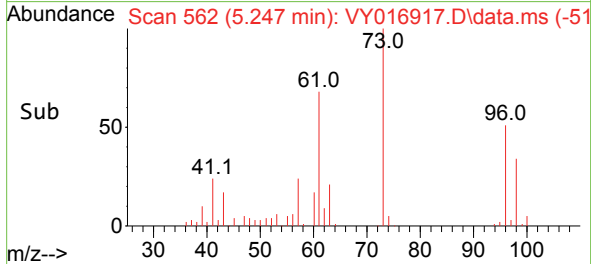


#19
Methyl tert-butyl Ether
Concen: 18.627 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Instrument :
MSVOA_Y
ClientSampleId :

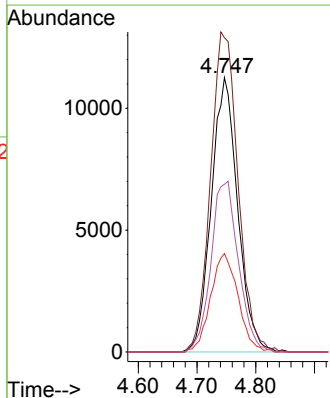
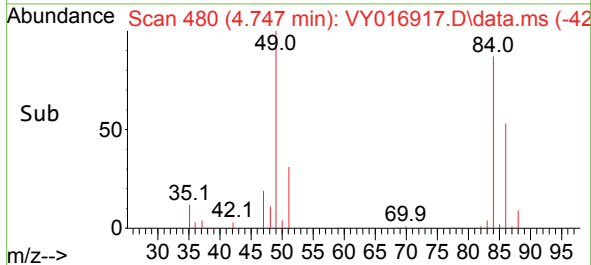
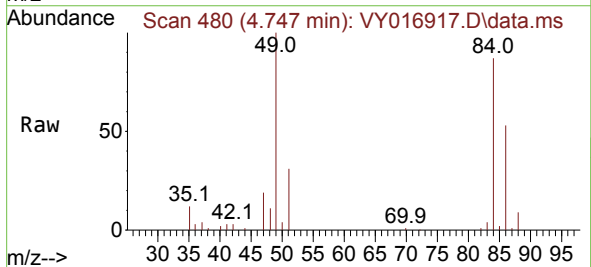


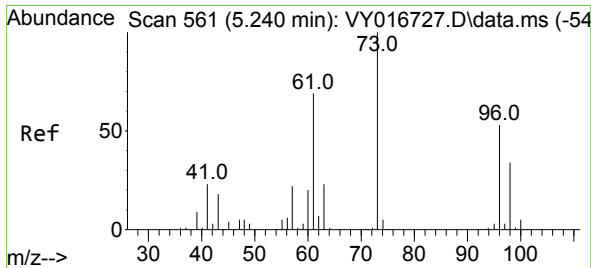
Tgt Ion: 73 Resp: 63566
Ion Ratio Lower Upper
73 100
57 24.2 17.7 26.5



#20
Methylene Chloride
Concen: 14.502 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

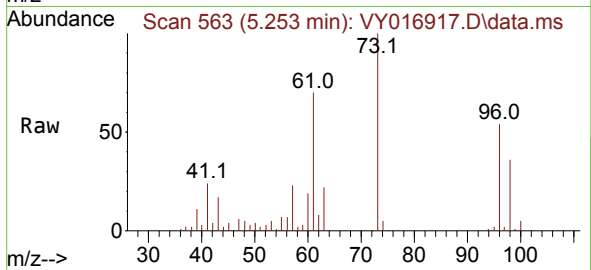
Tgt Ion: 84 Resp: 35102
Ion Ratio Lower Upper
84 100
49 114.5 95.2 142.8
51 35.9 29.9 44.9
86 61.1 52.2 78.4



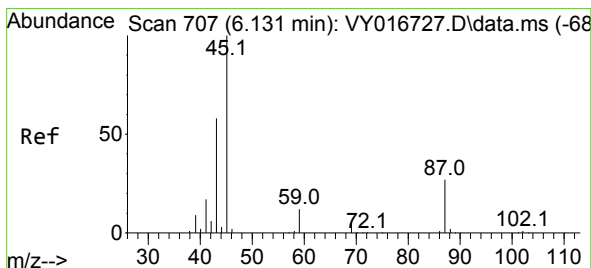
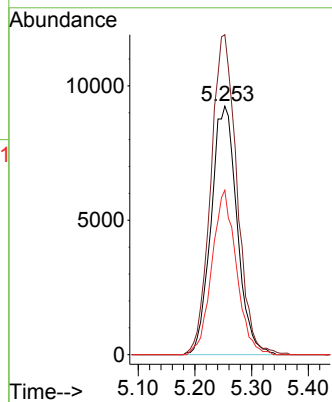
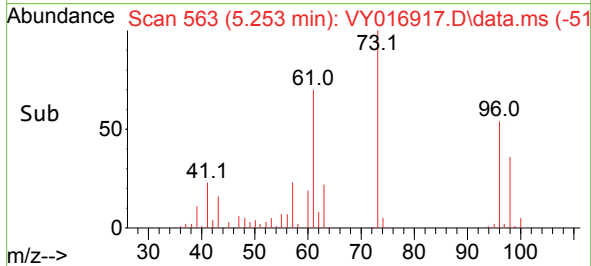


#21
trans-1,2-Dichloroethene
Concen: 19.583 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

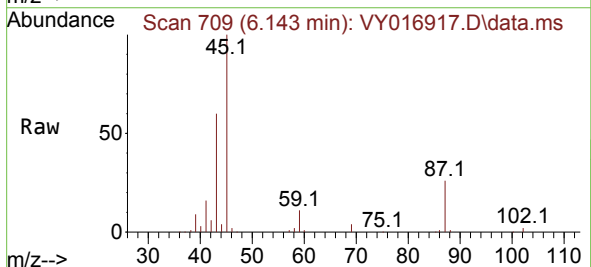
Instrument :
MSVOA_Y
ClientSampleId :



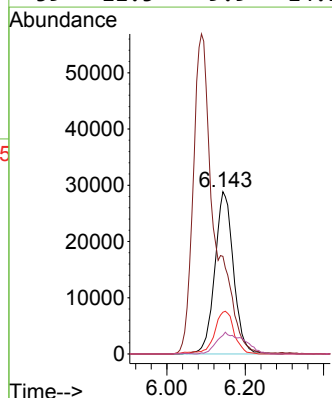
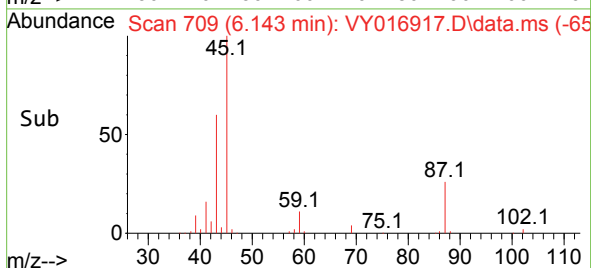
Tgt Ion: 96 Resp: 29421
Ion Ratio Lower Upper
96 100
61 128.8 104.6 156.8
98 66.2 50.9 76.3

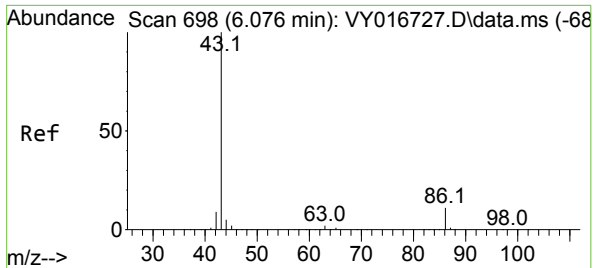


#22
Diisopropyl ether
Concen: 19.873 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27



Tgt Ion: 45 Resp: 95275
Ion Ratio Lower Upper
45 100
43 59.4 46.8 70.2
87 25.8 22.2 33.2
59 11.5 9.9 14.9

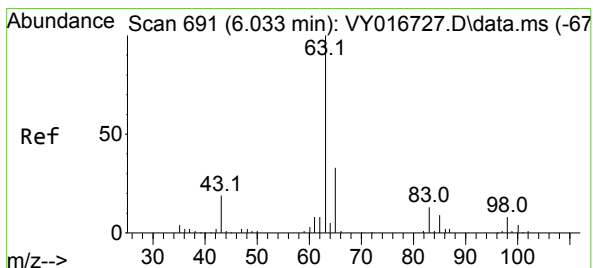
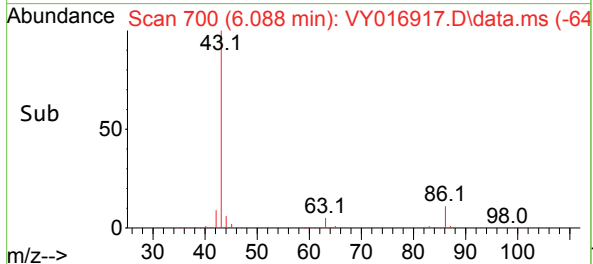
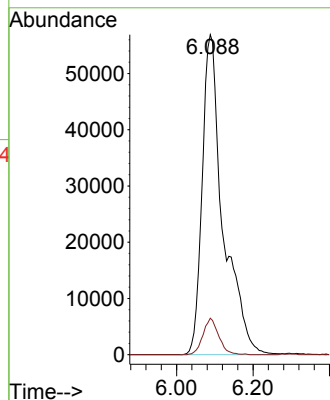
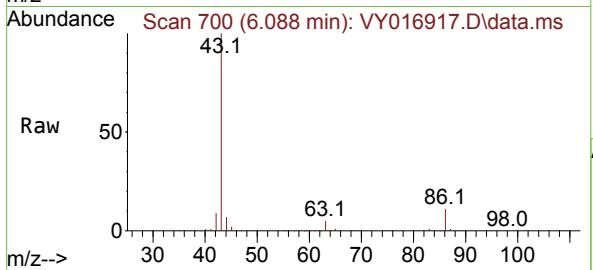




#23
 Vinyl Acetate
 Concen: 98.343 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016917.D
 Acq: 05 Jan 2024 12:27

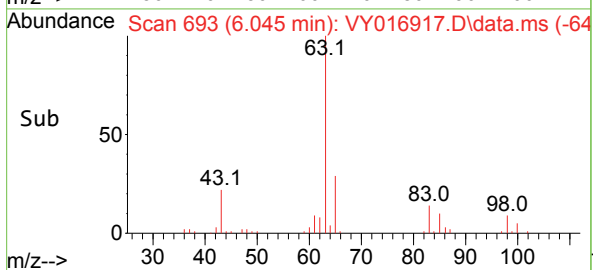
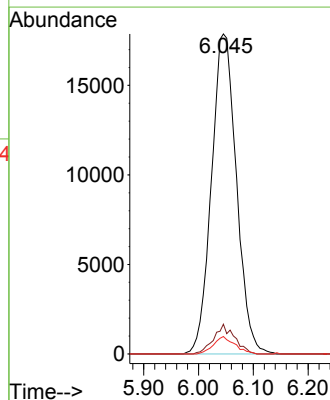
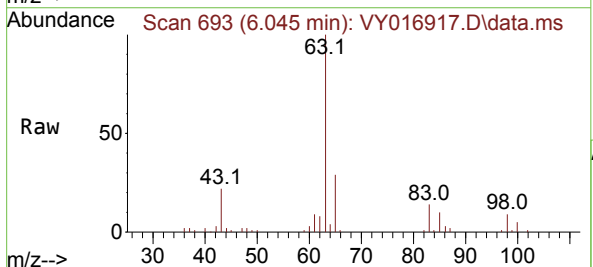
Instrument :
 MSVOA_Y
 ClientSampleId :

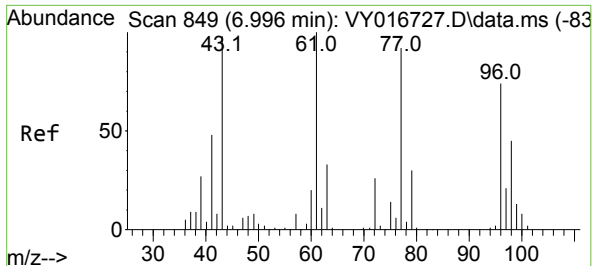
Tgt Ion: 43 Resp: 216183
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.637 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016917.D
 Acq: 05 Jan 2024 12:27

Tgt Ion: 63 Resp: 56574
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.8 11.4
 100 5.4 2.1 6.2





#25

2-Butanone

Concen: 103.591 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

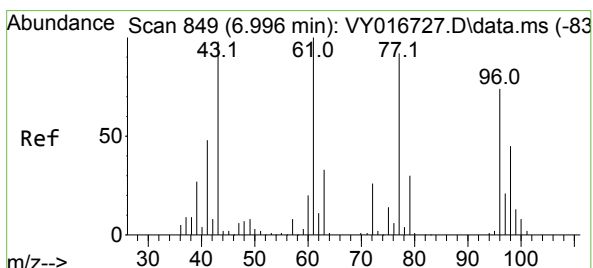
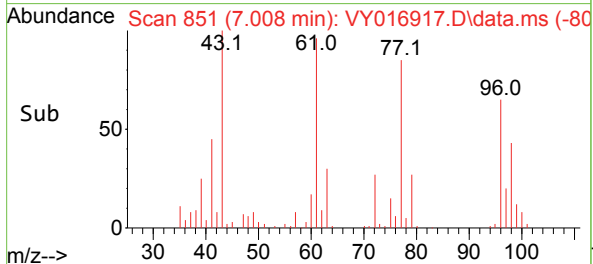
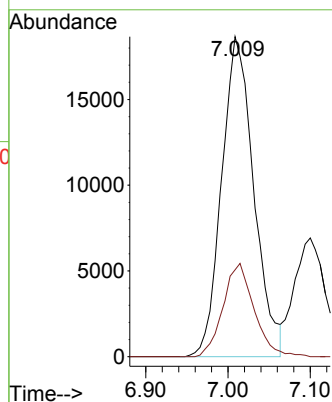
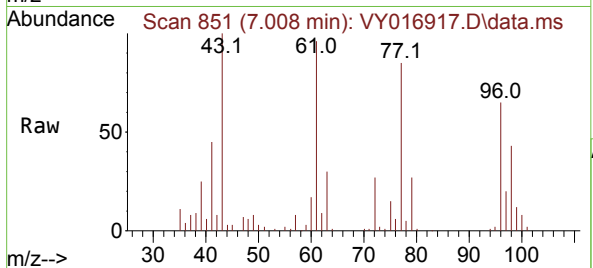
ClientSampleId :

Tgt Ion: 43 Resp: 50757

Ion Ratio Lower Upper

43 100

72 27.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.671 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016917.D

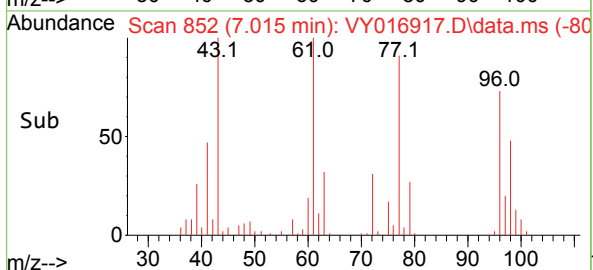
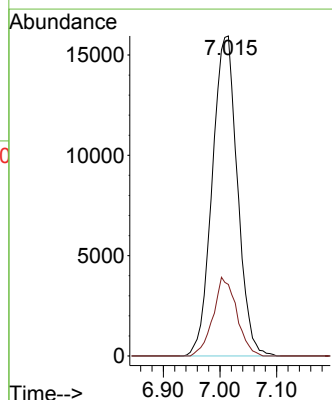
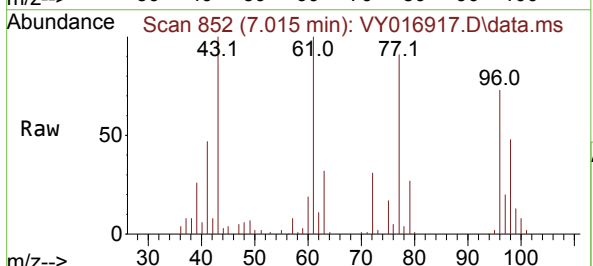
Acq: 05 Jan 2024 12:27

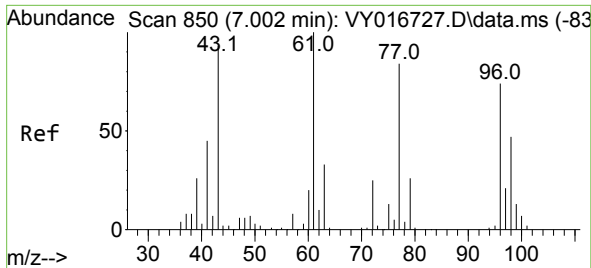
Tgt Ion: 77 Resp: 49136

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

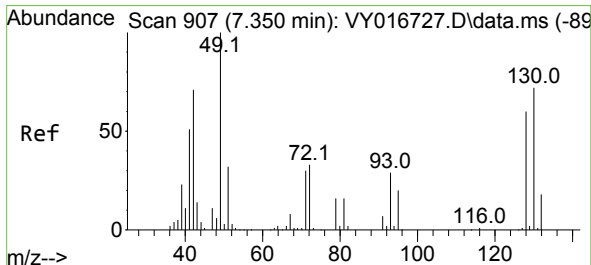
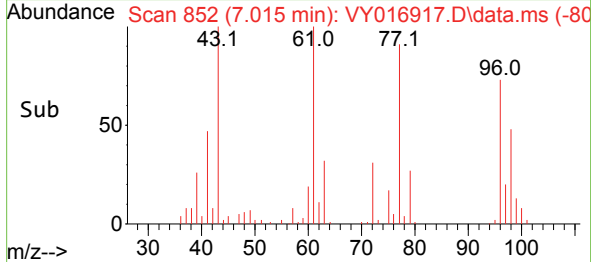
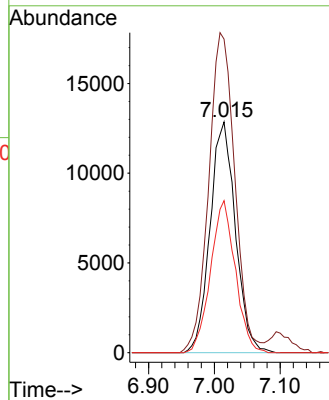
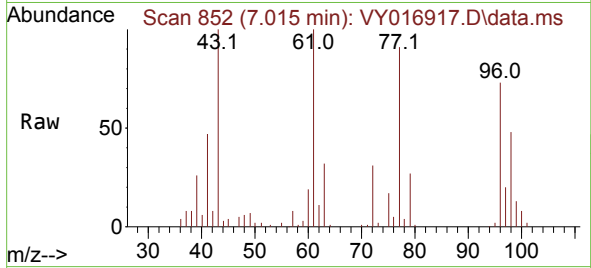




#27
 cis-1,2-Dichloroethene
 Concen: 19.586 ug/l
 RT: 7.015 min Scan# 850
 Delta R.T. 0.013 min
 Lab File: VY016917.D
 Acq: 05 Jan 2024 12:27

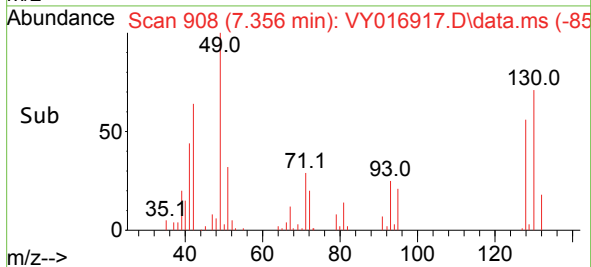
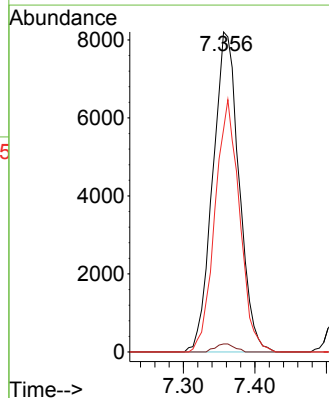
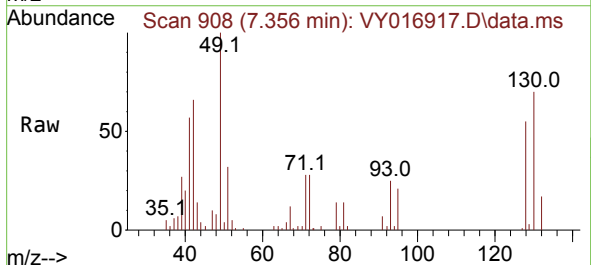
Instrument :
 MSVOA_Y
 ClientSampleId :

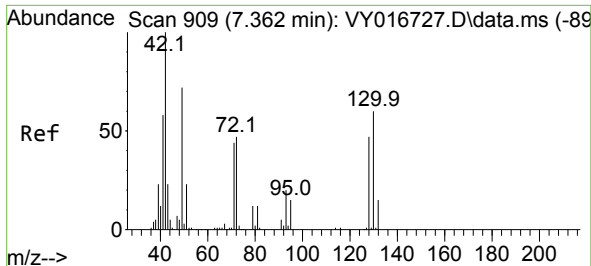
Tgt Ion: 96	Resp: 34493
Ion Ratio	Lower Upper
96 100	
61 143.1	0.0 278.8
98 64.3	0.0 127.0



#28
 Bromochloromethane
 Concen: 19.359 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY016917.D
 Acq: 05 Jan 2024 12:27

Tgt Ion: 49	Resp: 20938
Ion Ratio	Lower Upper
49 100	
129 1.9	0.0 3.8
130 73.9	59.8 89.8





#29

Tetrahydrofuran

Concen: 90.840 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016917.D

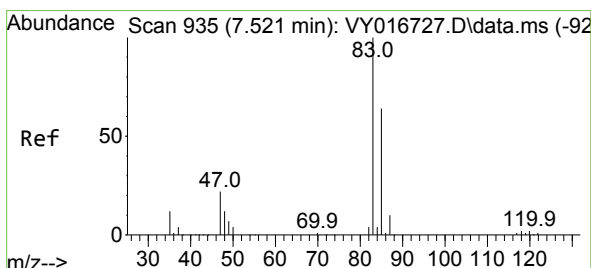
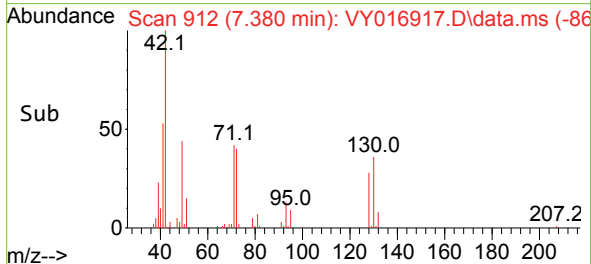
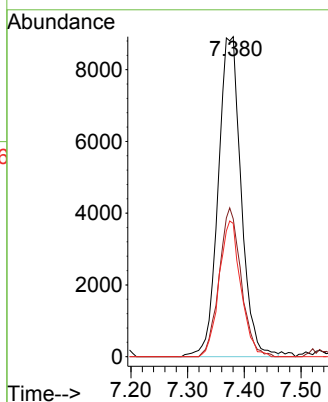
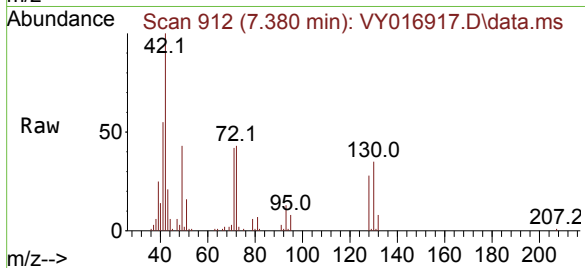
Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	25026
Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.6	54.8
71	40.3	33.8	50.6



#30

Chloroform

Concen: 19.790 ug/l

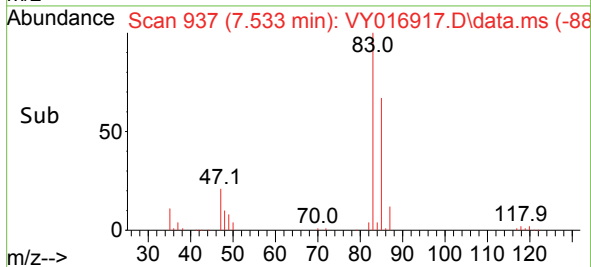
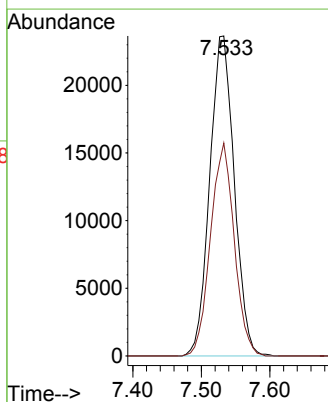
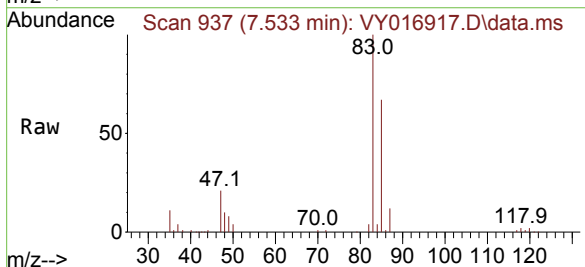
RT: 7.533 min Scan# 937

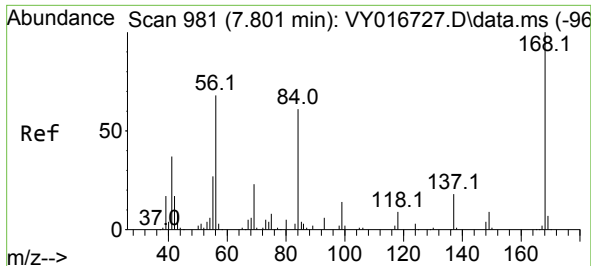
Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

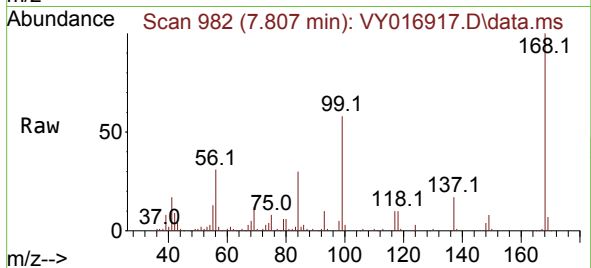
Tgt Ion:	83	Resp:	58753
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.2	76.8



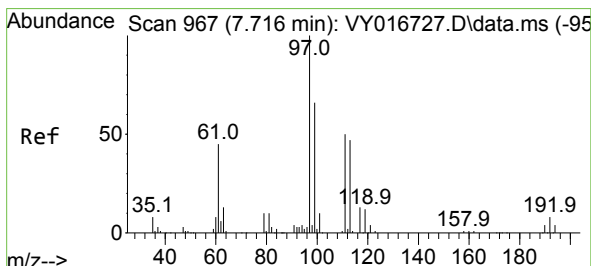
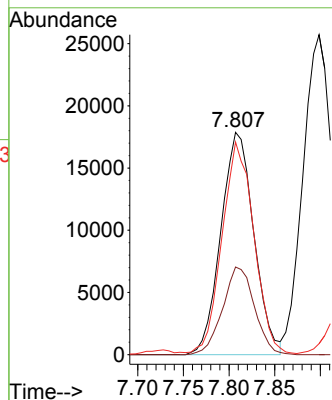
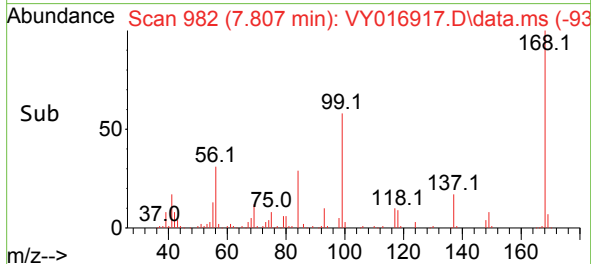


#31
Cyclohexane
Concen: 19.226 ug/l
RT: 7.807 min Scan# 918
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Instrument :
MSVOA_Y
ClientSampleId :

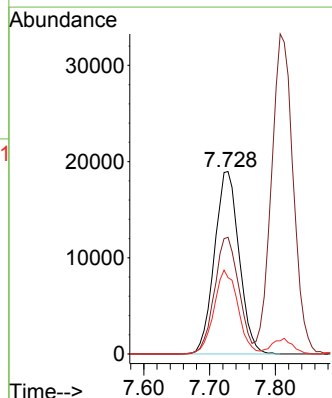
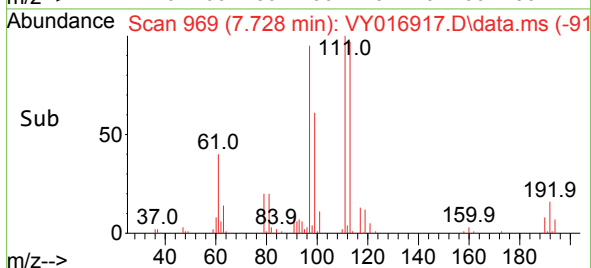
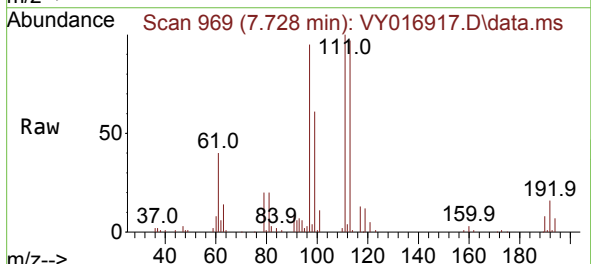


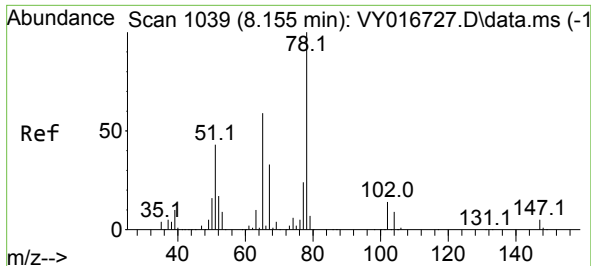
Tgt Ion: 56 Resp: 44916
Ion Ratio Lower Upper
56 100
69 39.4 27.0 40.6
84 94.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.650 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 97 Resp: 49465
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 44.7 35.0 52.6

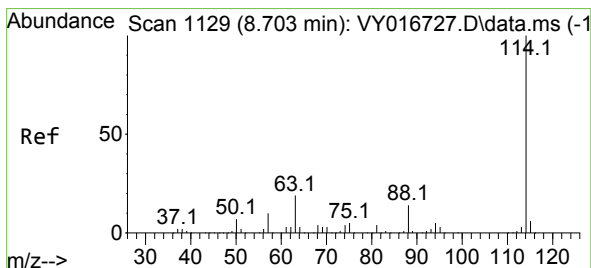
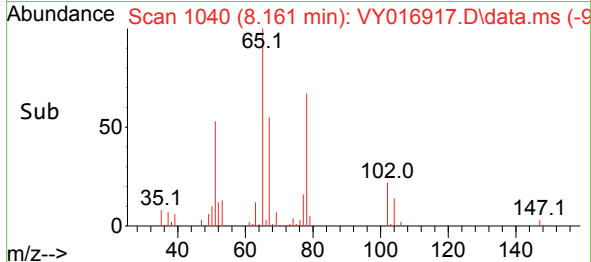
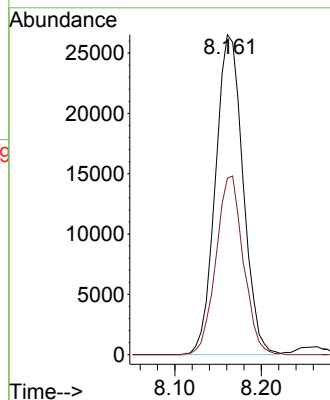
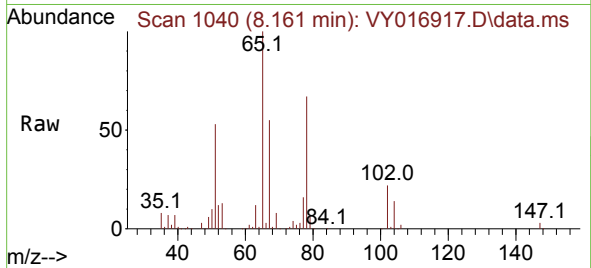




#33
1,2-Dichloroethane-d4
Concen: 43.139 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

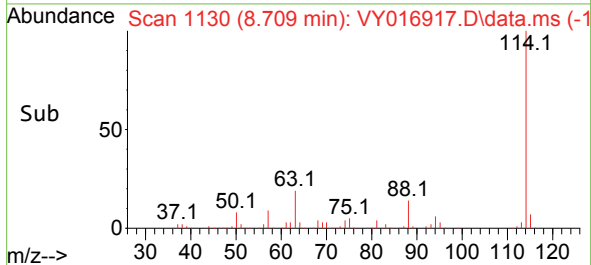
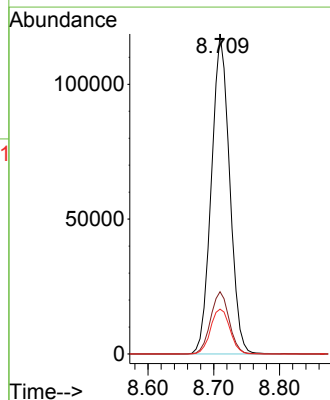
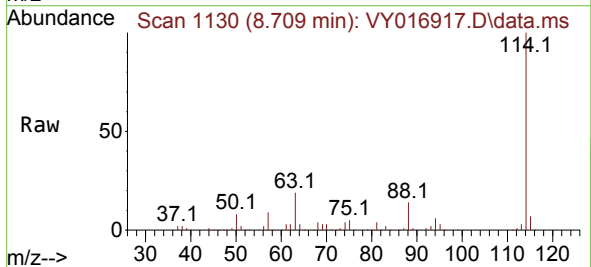
Instrument :
MSVOA_Y
ClientSampleId :

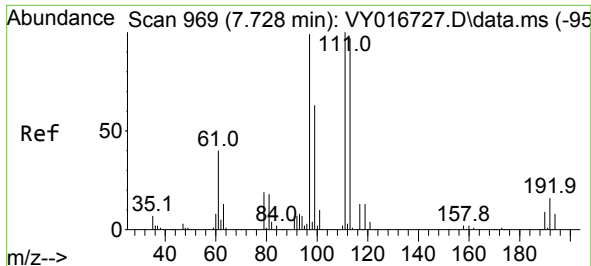
Tgt Ion: 65 Resp: 58719
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 114 Resp: 228062
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.0 0.0 29.0

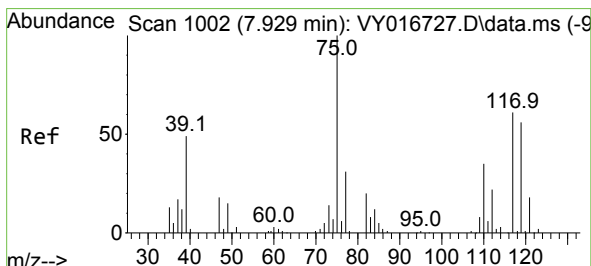
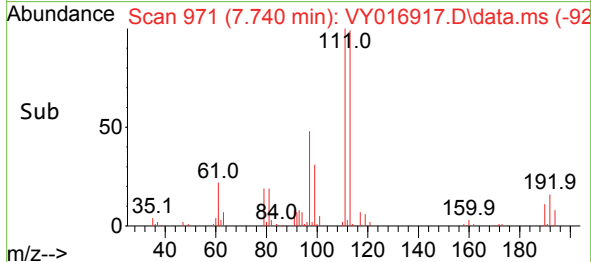
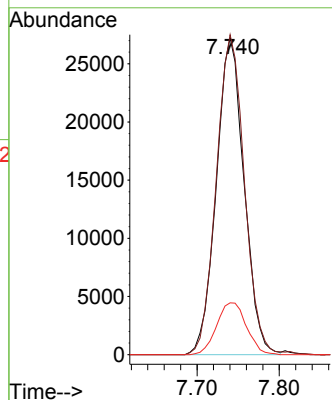
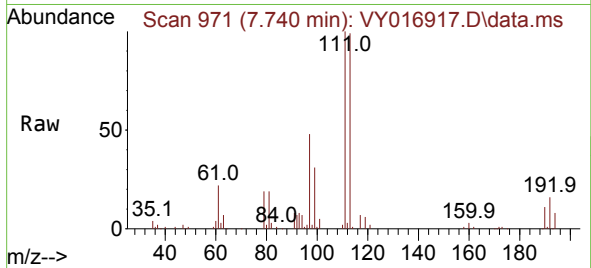




#35
Dibromofluoromethane
Concen: 43.901 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

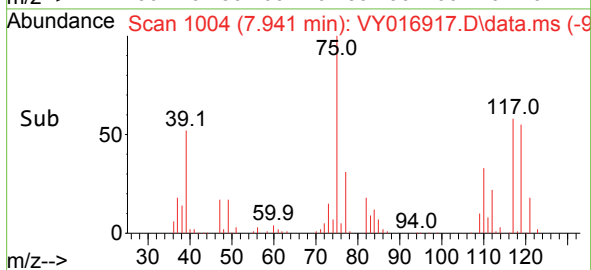
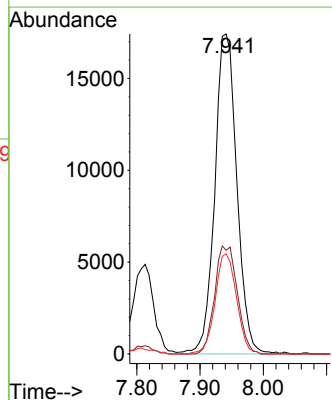
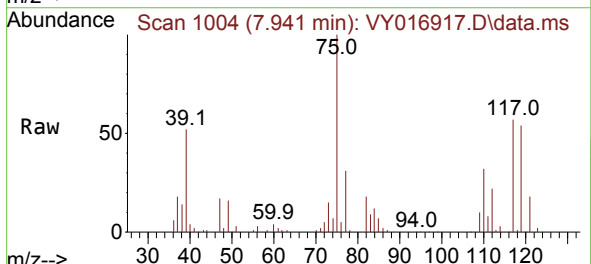
Instrument :
MSVOA_Y
ClientSampleId :

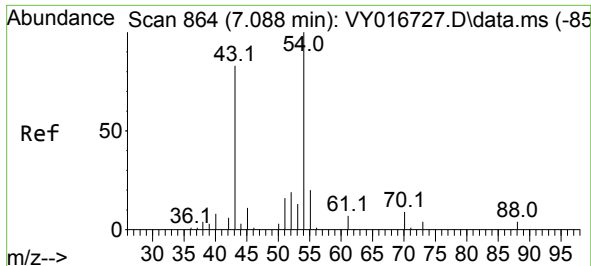
Tgt Ion:113 Resp: 63801
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.913 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 75 Resp: 42175
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 19.374 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

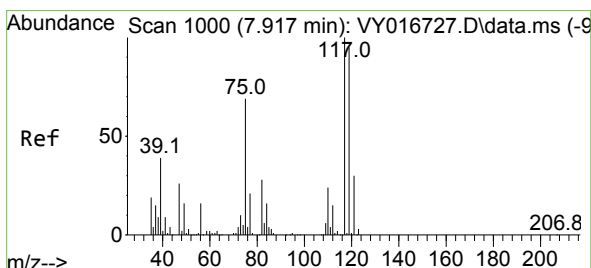
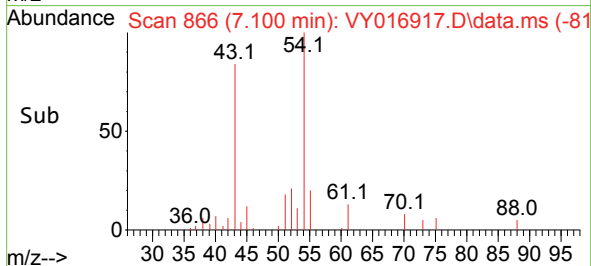
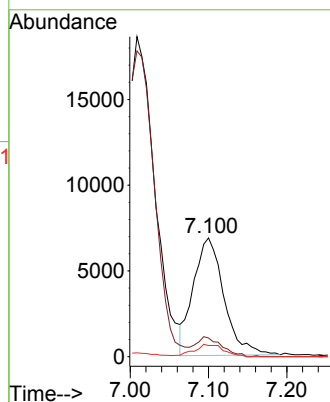
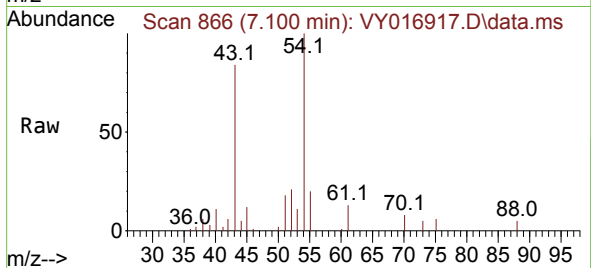
Tgt Ion: 43 Resp: 18647

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.947 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

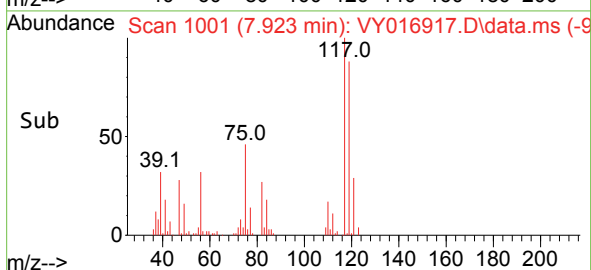
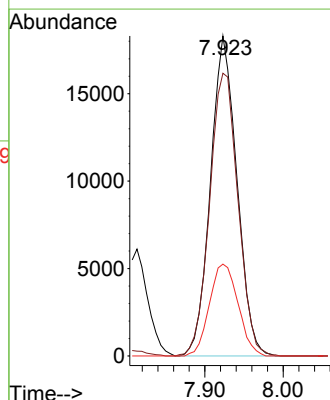
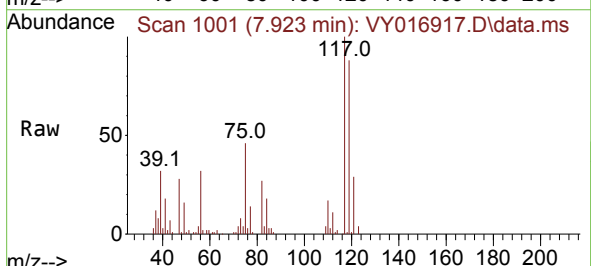
Tgt Ion: 117 Resp: 42923

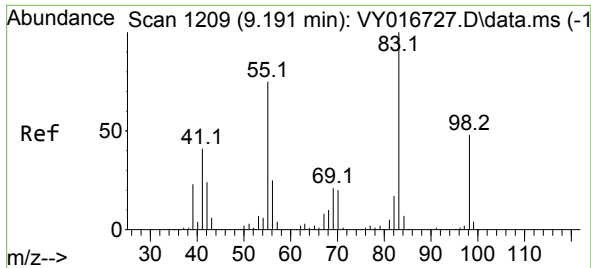
Ion Ratio Lower Upper

117 100

119 88.4 76.0 114.0

121 28.7 24.2 36.2

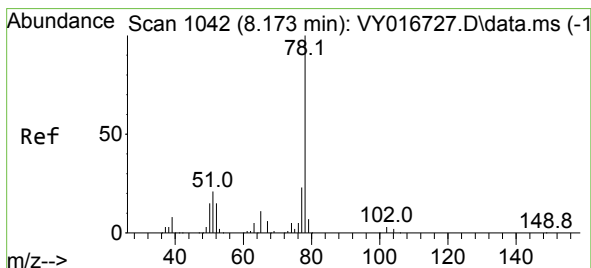
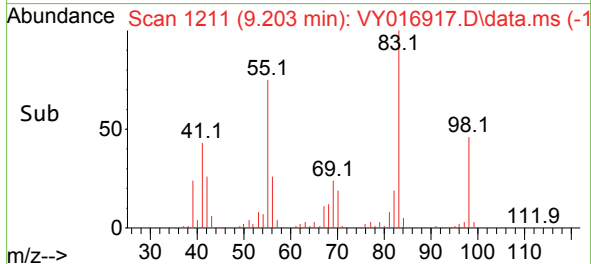
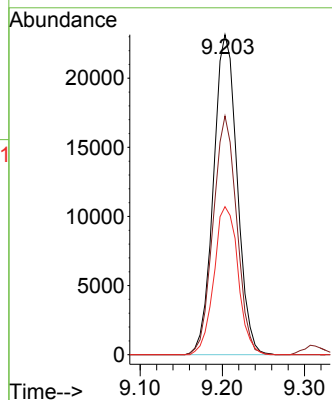
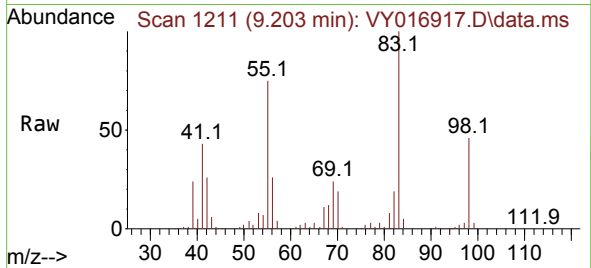




#39
Methylcyclohexane
Concen: 19.441 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

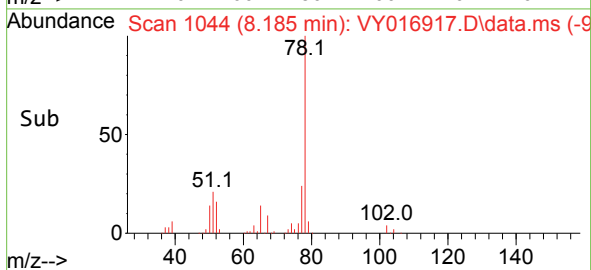
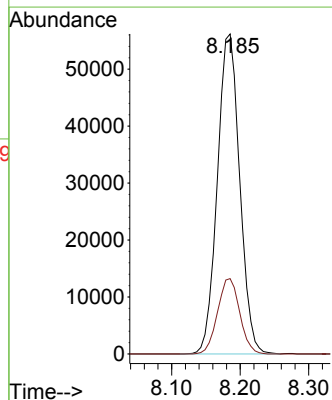
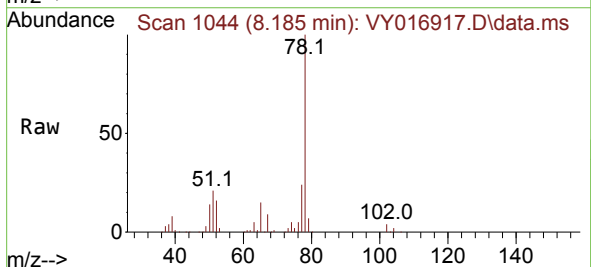
Instrument :
MSVOA_Y
ClientSampleId :

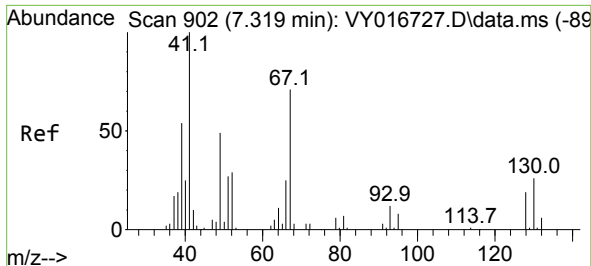
Tgt Ion: 83 Resp: 46290
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 46.2 38.0 57.0



#40
Benzene
Concen: 19.978 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 78 Resp: 126929
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

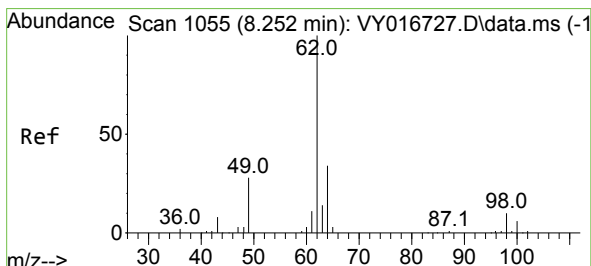
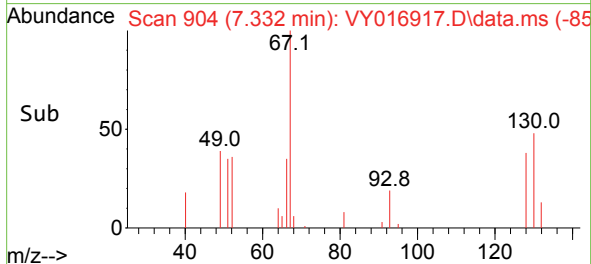
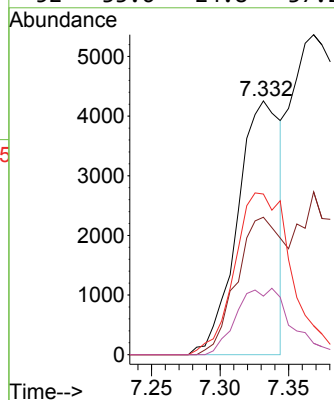
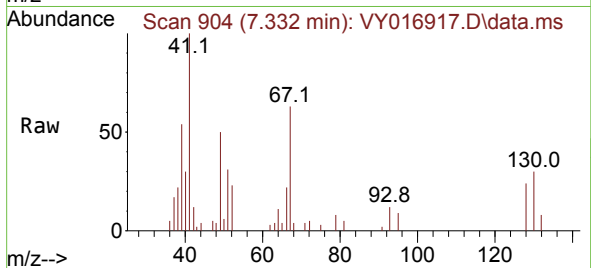




#41
Methacrylonitrile
Concen: 18.273 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

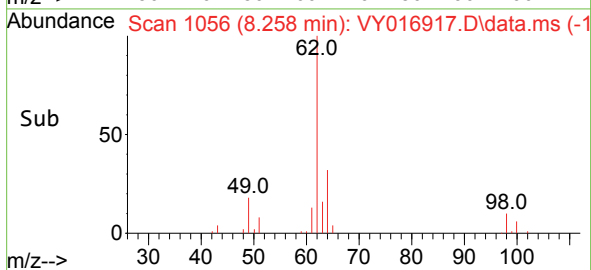
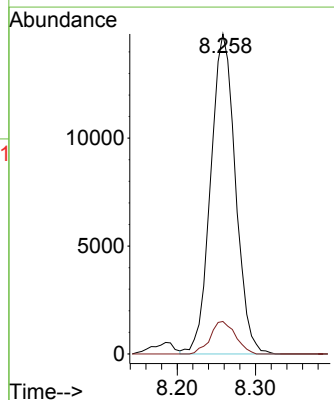
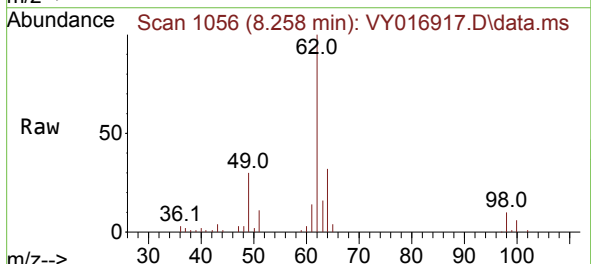
Instrument :
MSVOA_Y
ClientSampleId :

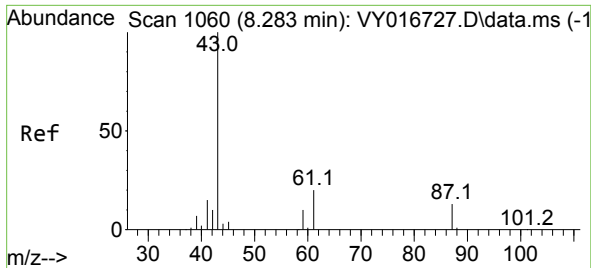
Tgt Ion: 41	Resp: 9263
Ion Ratio	Lower Upper
41 100	
39 60.8	41.9 62.9
67 84.7	59.8 89.6
52 33.6	24.8 37.2



#42
1,2-Dichloroethane
Concen: 19.331 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 62	Resp: 32605
Ion Ratio	Lower Upper
62 100	
98 10.3	0.0 20.2

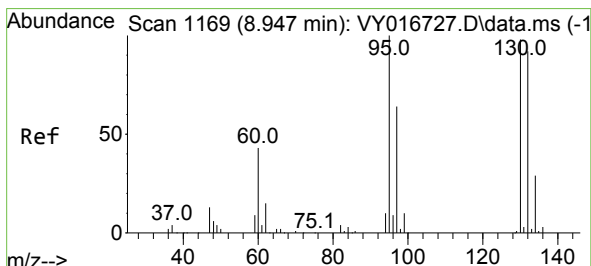
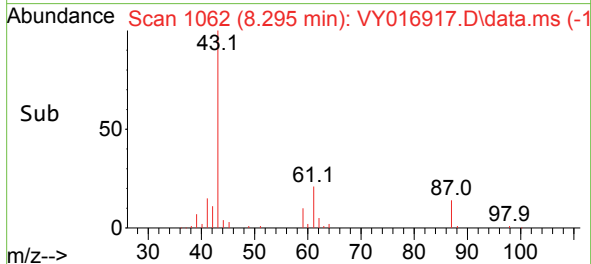
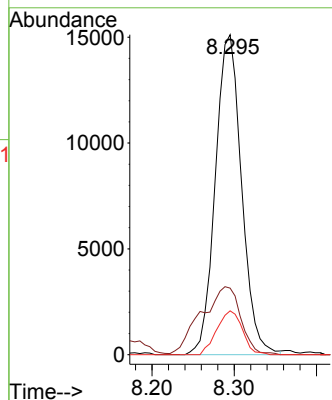
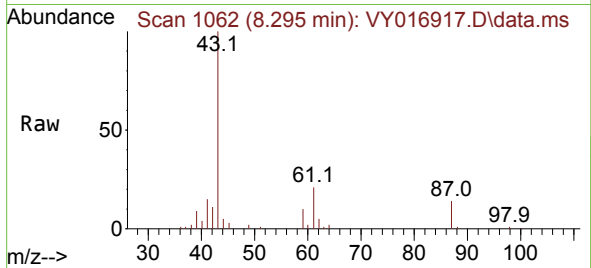




#43
Isopropyl Acetate
Concen: 18.196 ug/l
RT: 8.295 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

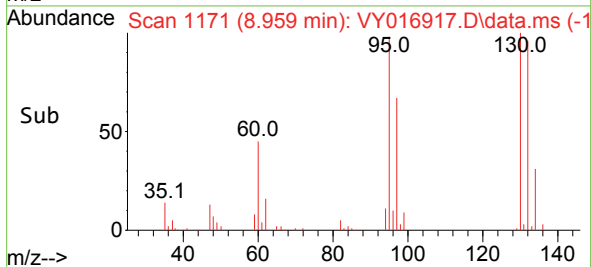
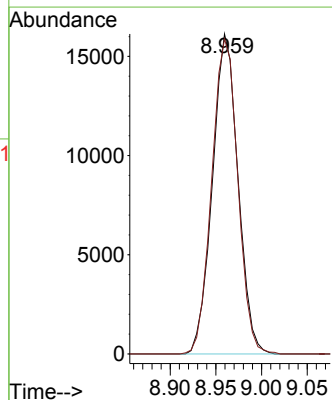
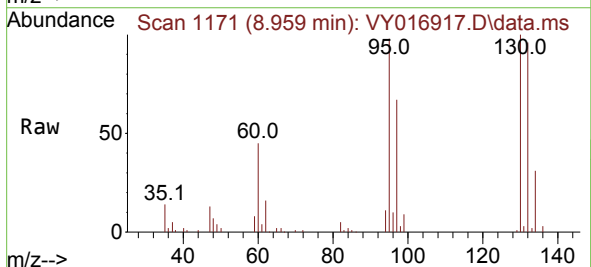
Instrument :
MSVOA_Y
ClientSampleId :

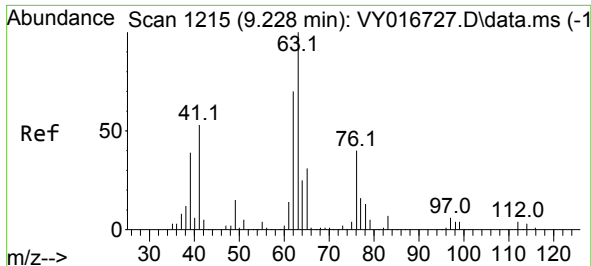
Tgt Ion: 43 Resp: 33538
Ion Ratio Lower Upper
43 100
61 31.9 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 19.406 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion:130 Resp: 31373
Ion Ratio Lower Upper
130 100
95 98.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.720 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

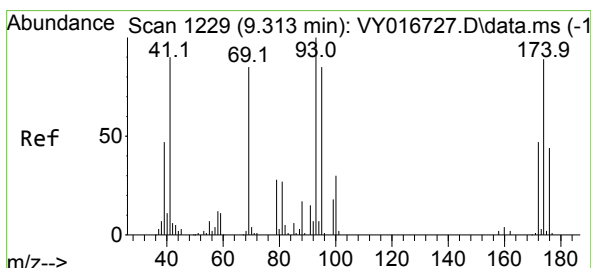
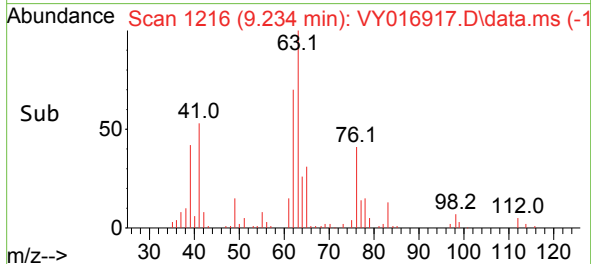
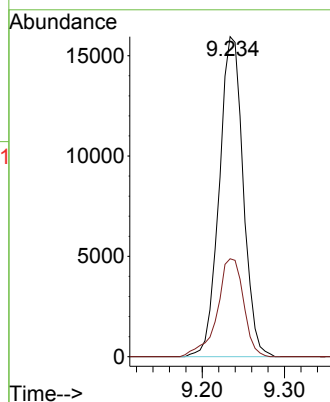
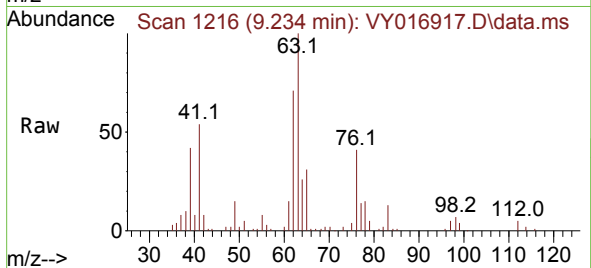
ClientSampleId :

Tgt Ion: 63 Resp: 32277

Ion Ratio Lower Upper

63 100

65 30.6 24.6 36.8



#46

Dibromomethane

Concen: 18.962 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

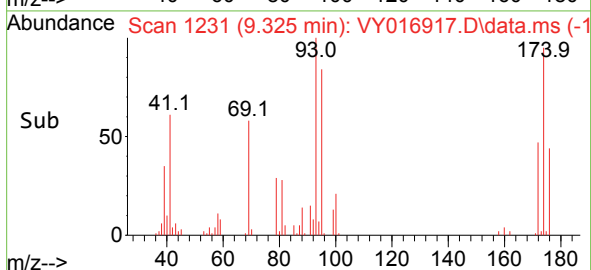
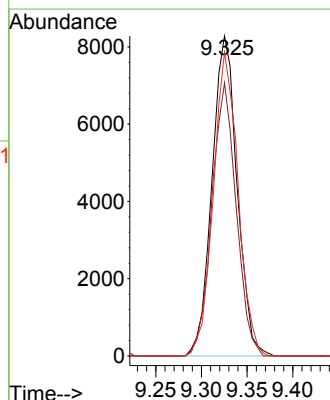
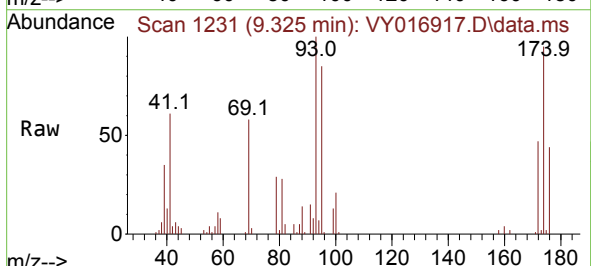
Tgt Ion: 93 Resp: 15829

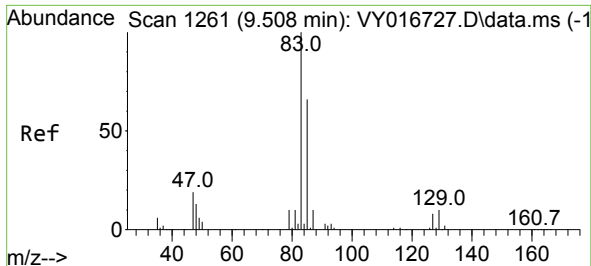
Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

174 93.3 73.8 110.6

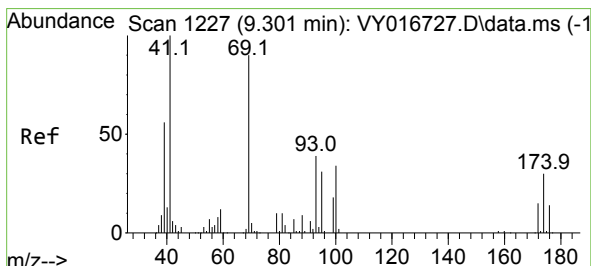
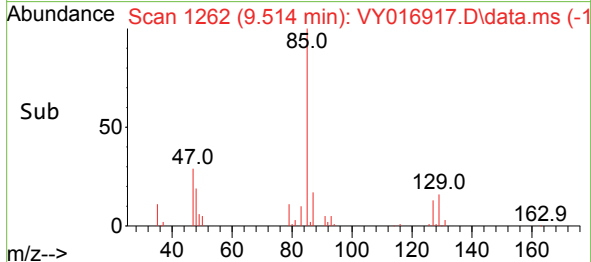
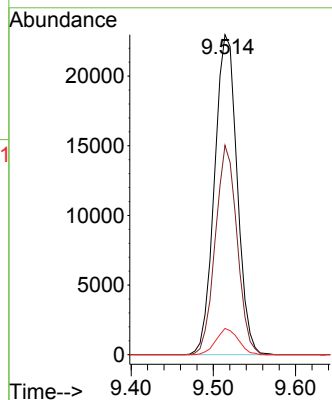
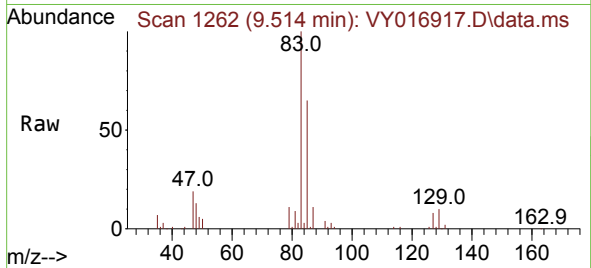




#47
Bromodichloromethane
Concen: 19.583 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

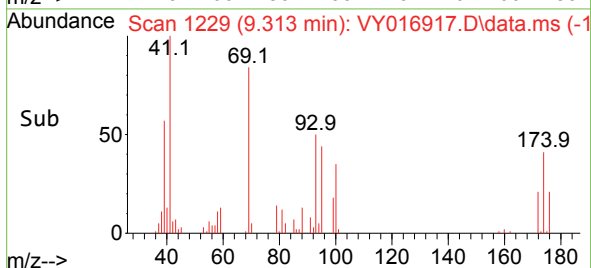
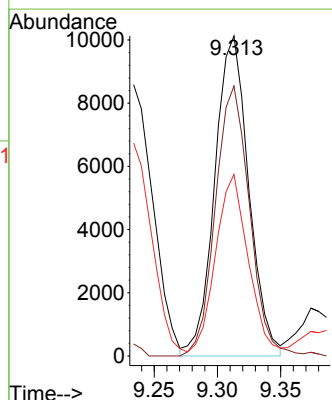
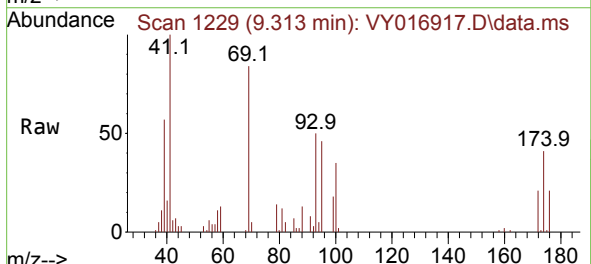
Instrument :
MSVOA_Y
ClientSampleId :

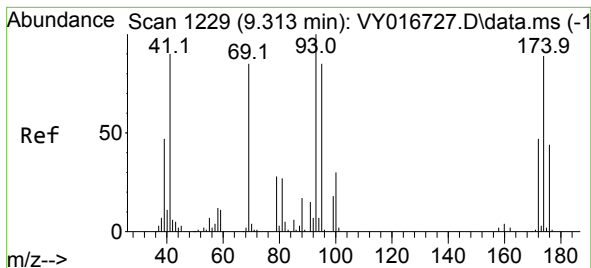
Tgt Ion: 83 Resp: 43899
Ion Ratio Lower Upper
83 100
85 65.4 53.2 79.8
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 19.011 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 41 Resp: 18910
Ion Ratio Lower Upper
41 100
69 85.0 72.1 108.1
39 55.1 42.8 64.2





#49

1,4-Dioxane

Concen: 393.014 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

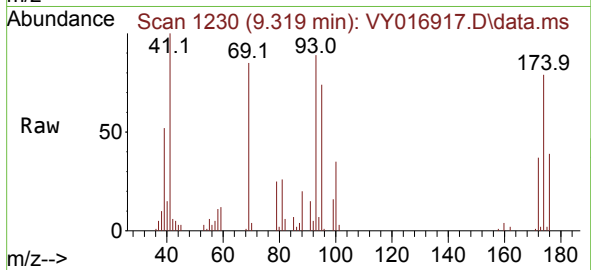
Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :



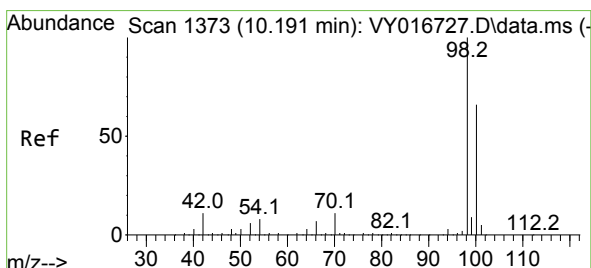
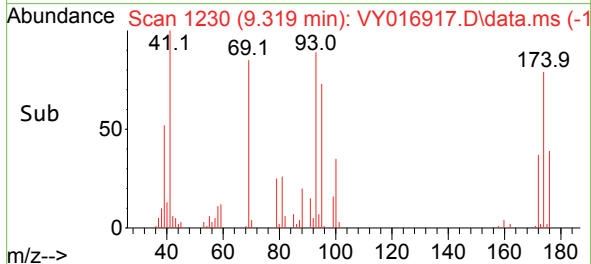
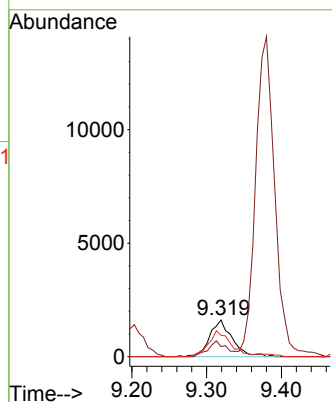
Tgt Ion: 88 Resp: 3397

Ion Ratio Lower Upper

88 100

43 34.4 28.2 42.4

58 68.8 52.2 78.2



#50

Toluene-d8

Concen: 46.010 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016917.D

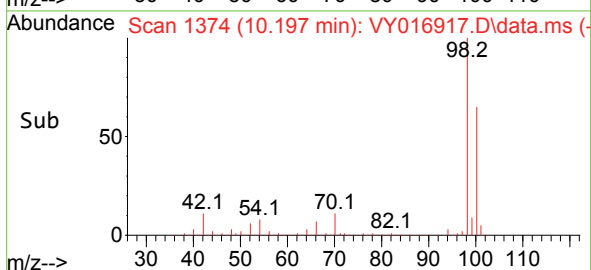
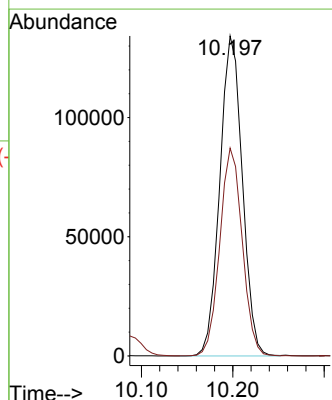
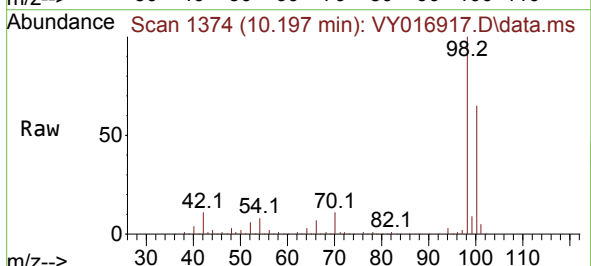
Acq: 05 Jan 2024 12:27

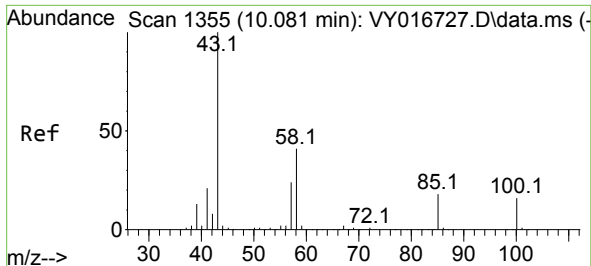
Tgt Ion: 98 Resp: 230253

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5

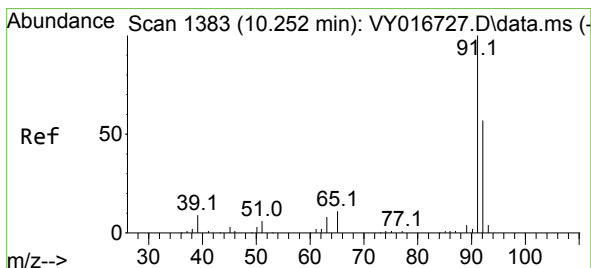
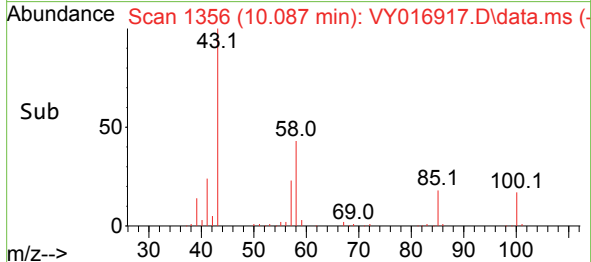
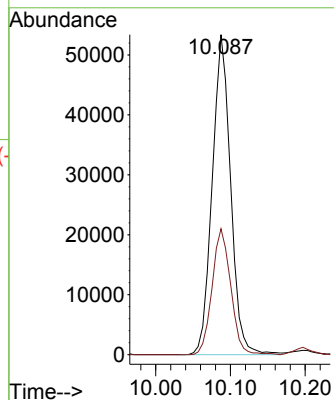
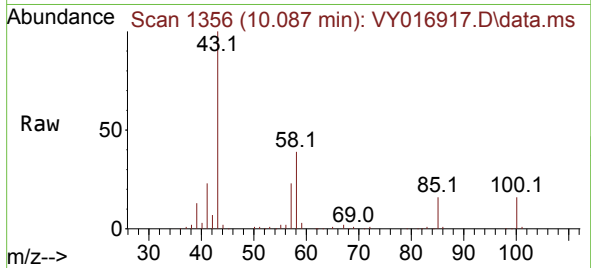




#51
4-Methyl-2-Pentanone
Concen: 93.166 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

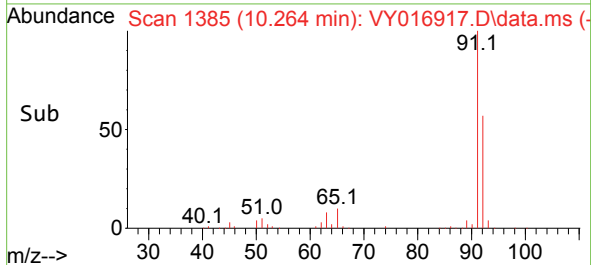
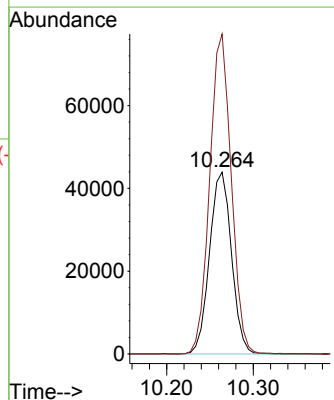
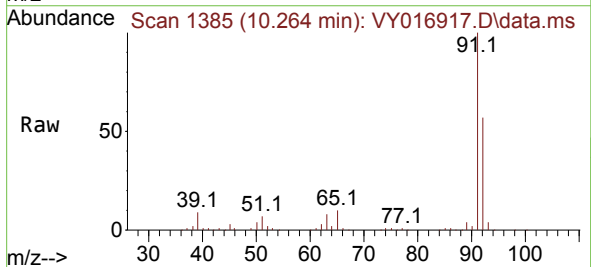
Instrument :
MSVOA_Y
ClientSampleId :

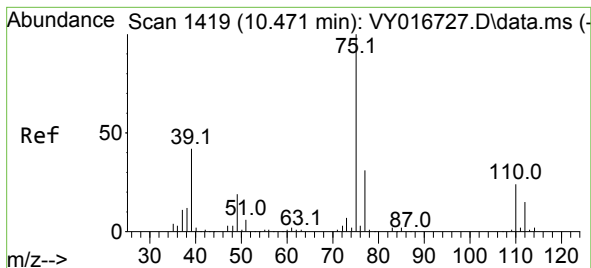
Tgt Ion: 43 Resp: 91324
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.2



#52
Toluene
Concen: 20.169 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 92 Resp: 77336
Ion Ratio Lower Upper
92 100
91 172.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.076 ug/l

RT: 10.483 min Scan# 1419

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

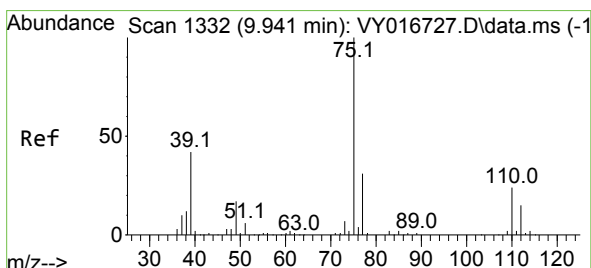
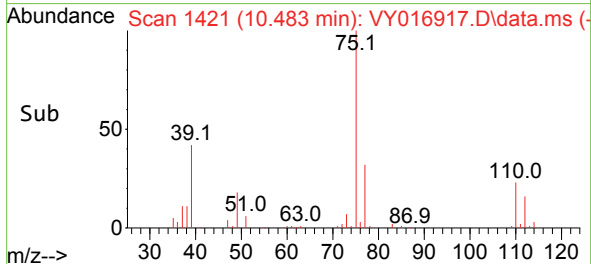
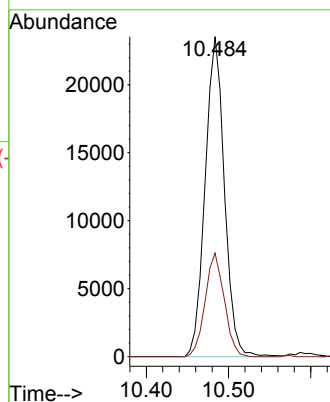
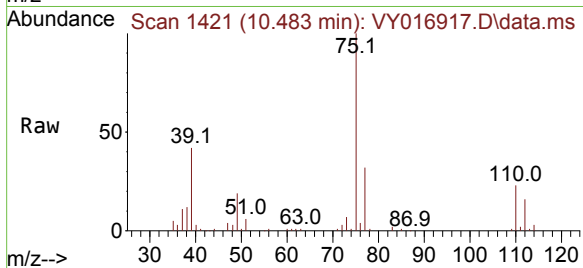
ClientSampleId :

Tgt Ion: 75 Resp: 38303

Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.410 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

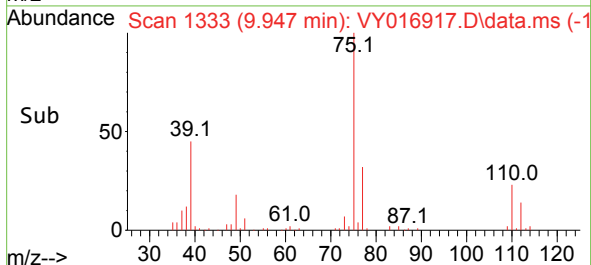
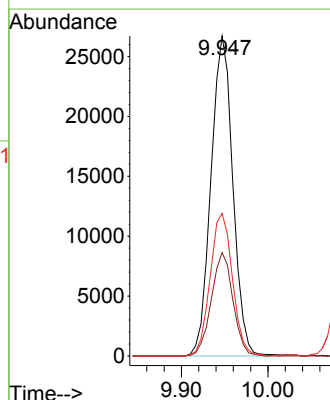
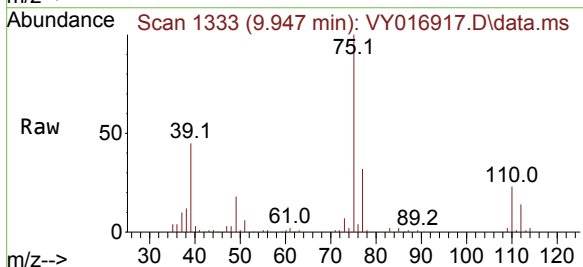
Tgt Ion: 75 Resp: 46803

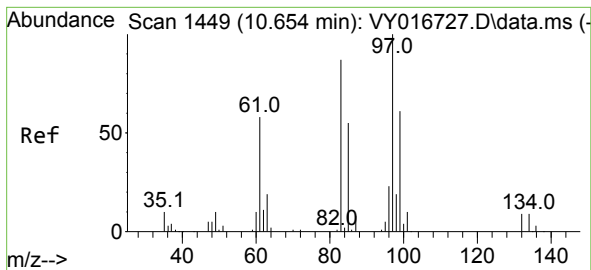
Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

39 44.5 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 19.170 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 23379

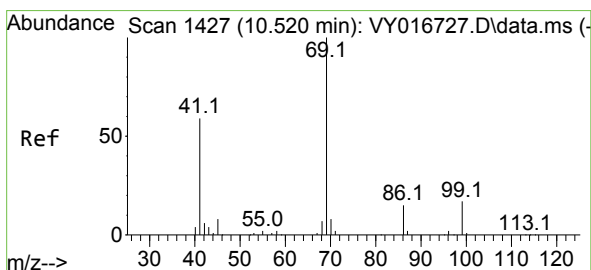
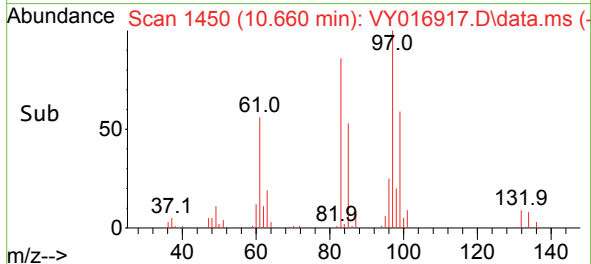
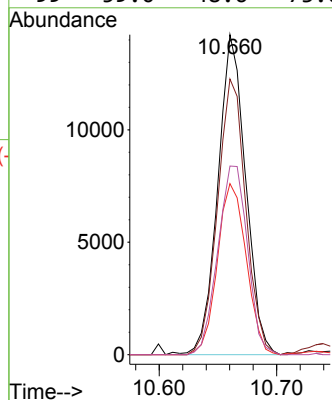
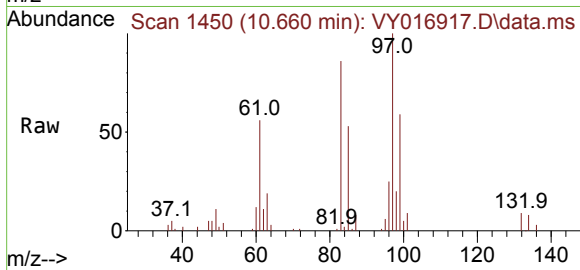
Ion Ratio Lower Upper

97 100

83 86.1 69.4 104.2

85 53.5 43.9 65.9

99 59.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.439 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

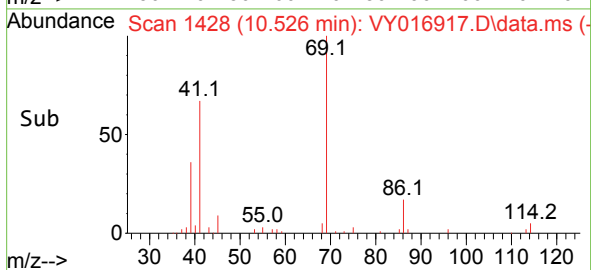
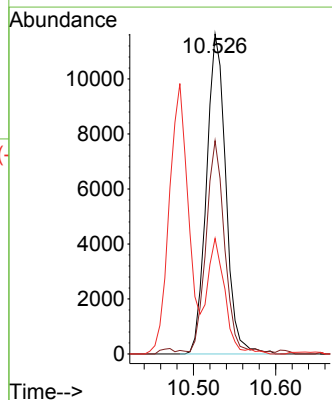
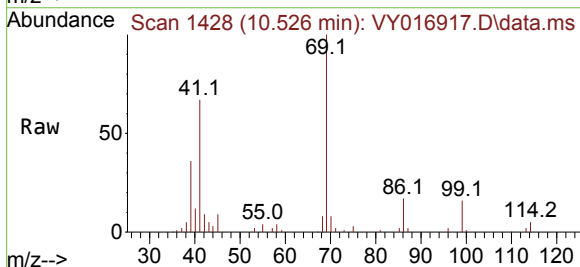
Tgt Ion: 69 Resp: 19047

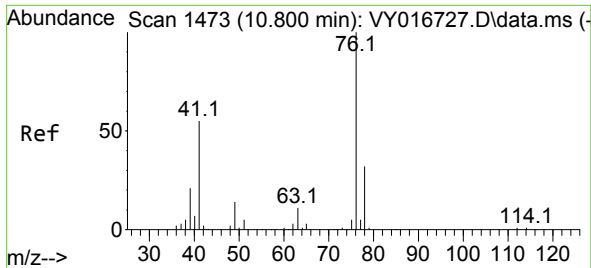
Ion Ratio Lower Upper

69 100

41 62.9 49.2 73.8

39 32.5 26.8 40.2

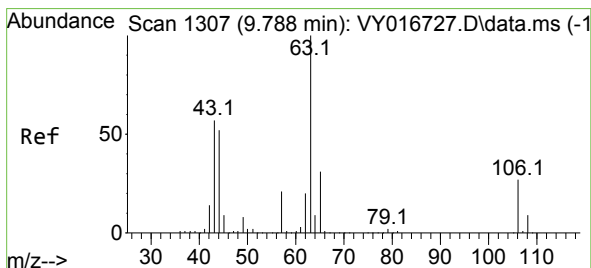
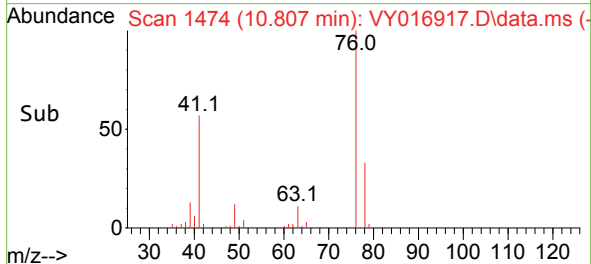
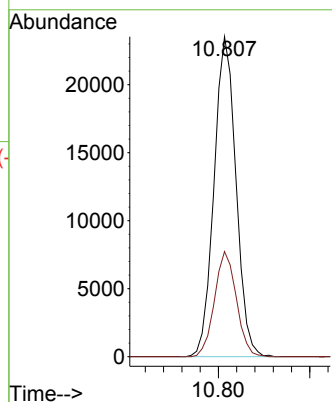
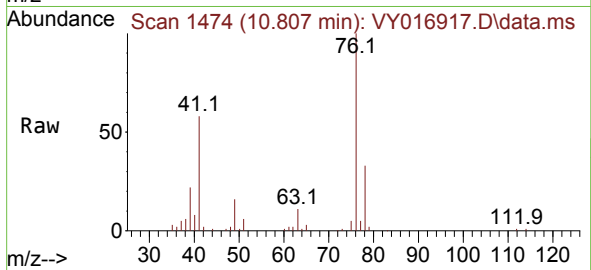




#57
1,3-Dichloropropane
Concen: 19.247 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

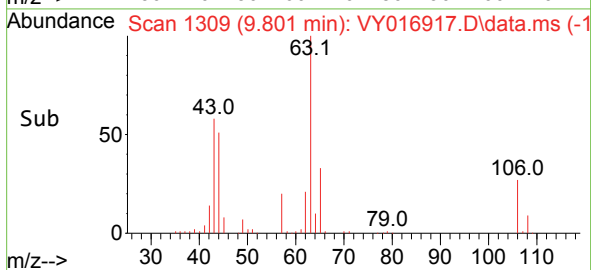
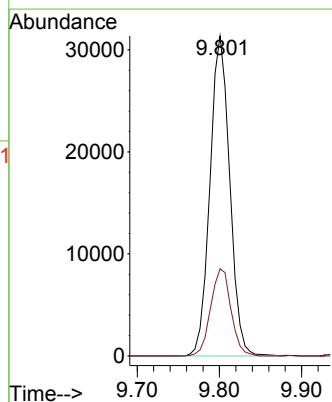
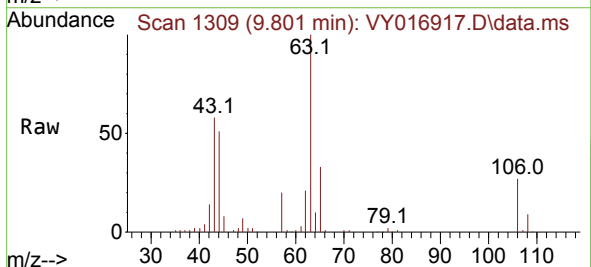
Instrument :
MSVOA_Y
ClientSampleId :

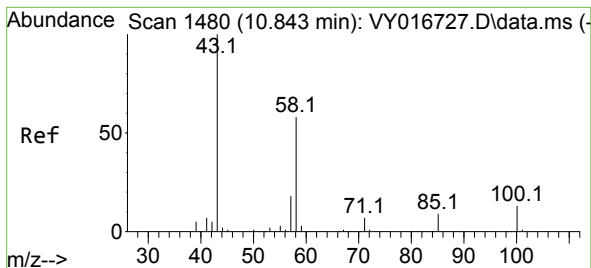
Tgt Ion: 76 Resp: 39189
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 92.440 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 63 Resp: 52407
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6





#59

2-Hexanone

Concen: 96.895 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

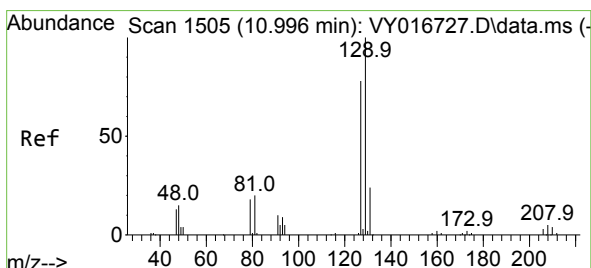
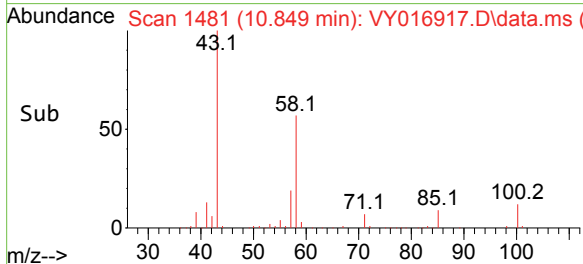
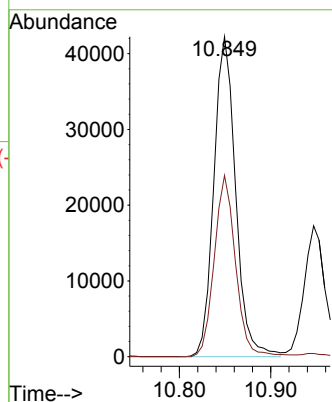
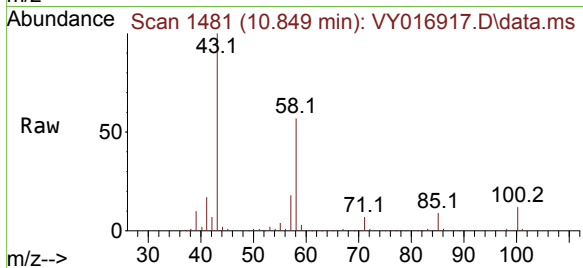
ClientSampleId :

Tgt Ion: 43 Resp: 69936

Ion Ratio Lower Upper

43 100

58 55.4 28.1 84.3



#60

Dibromochloromethane

Concen: 19.482 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016917.D

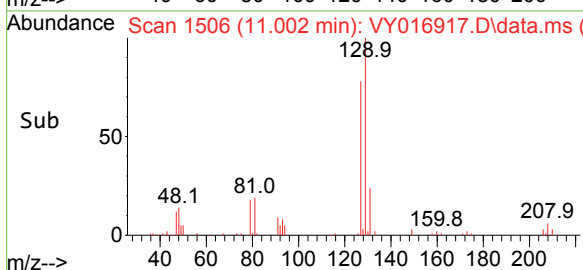
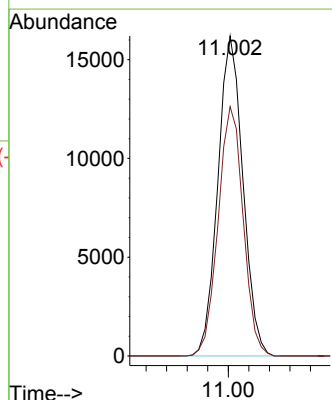
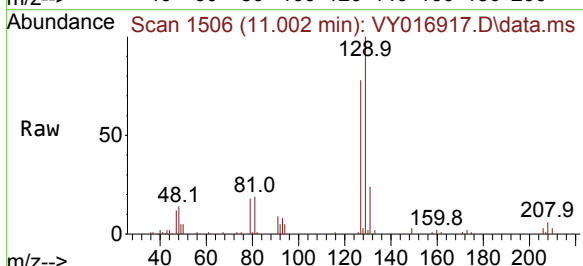
Acq: 05 Jan 2024 12:27

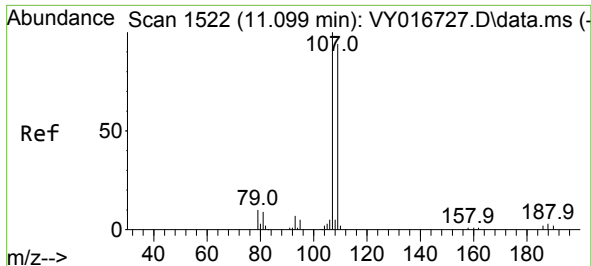
Tgt Ion:129 Resp: 27400

Ion Ratio Lower Upper

129 100

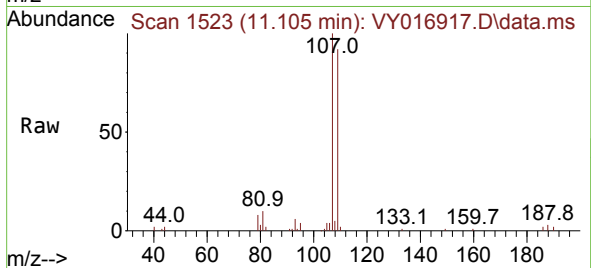
127 77.8 39.2 117.6



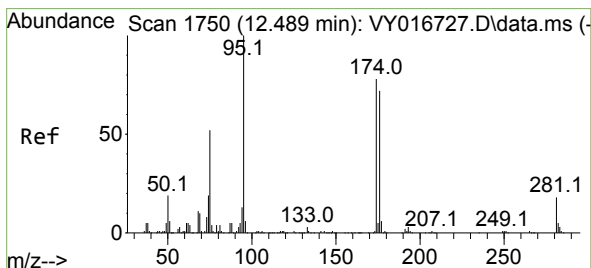
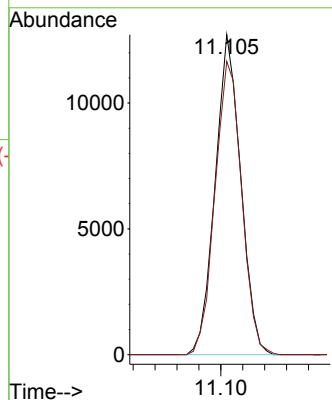
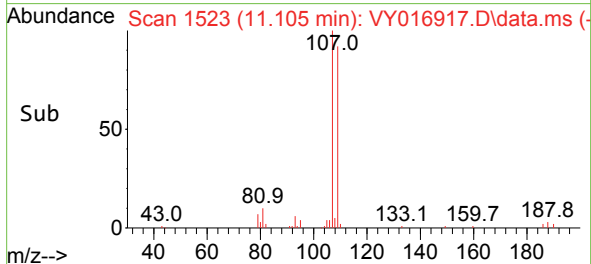


#61
1,2-Dibromoethane
Concen: 19.435 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Instrument :
MSVOA_Y
ClientSampleId :

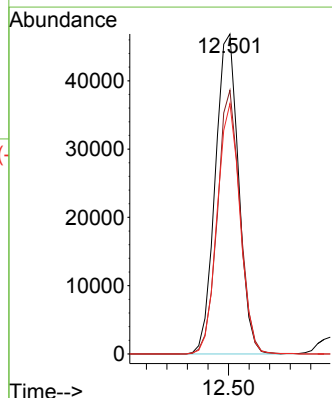
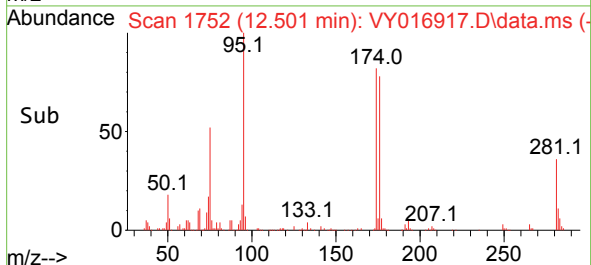
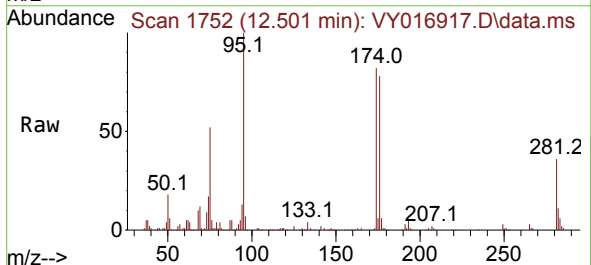


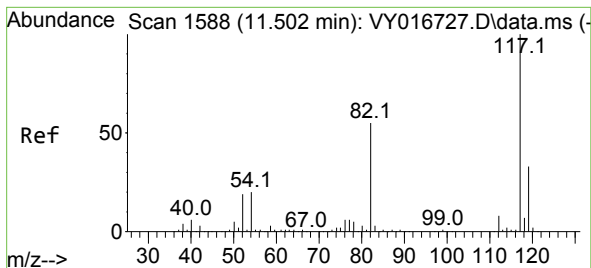
Tgt Ion:107 Resp: 20593
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.688 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 95 Resp: 73764
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 76.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

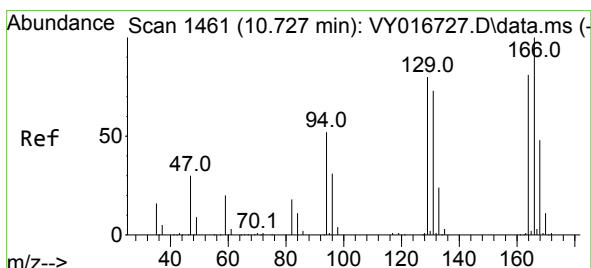
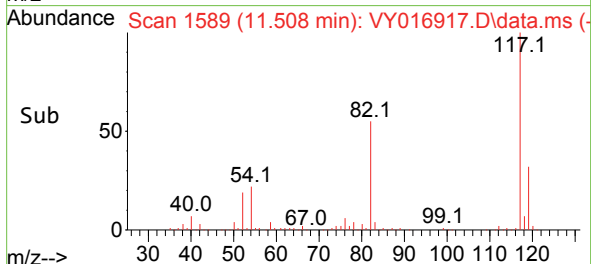
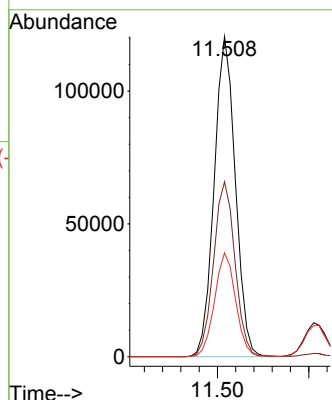
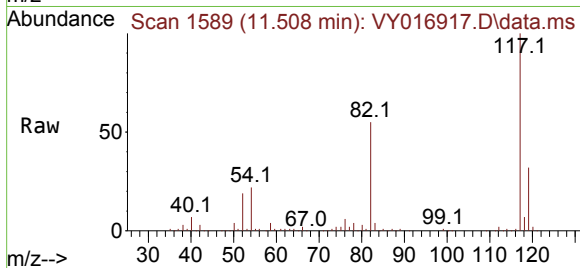
Tgt Ion:117 Resp: 193825

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 32.4 26.5 39.7



#64

Tetrachloroethene

Concen: 19.812 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Tgt Ion:164 Resp: 24896

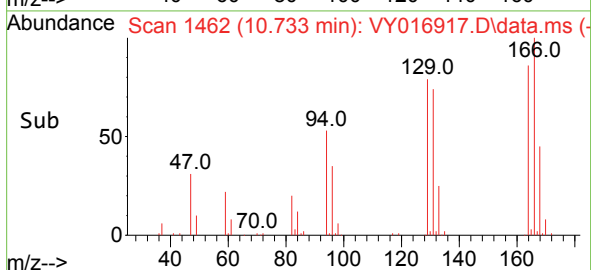
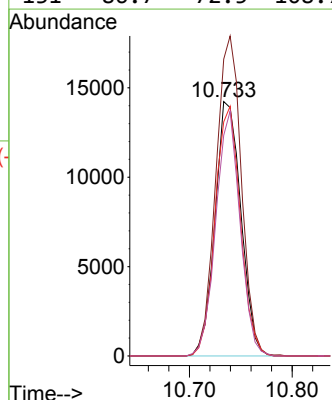
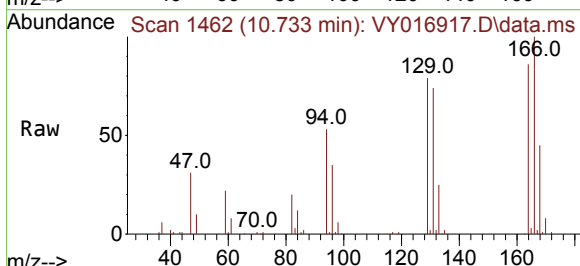
Ion Ratio Lower Upper

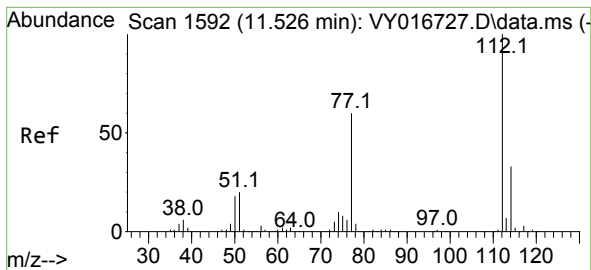
164 100

166 116.7 98.8 148.2

129 92.0 78.9 118.3

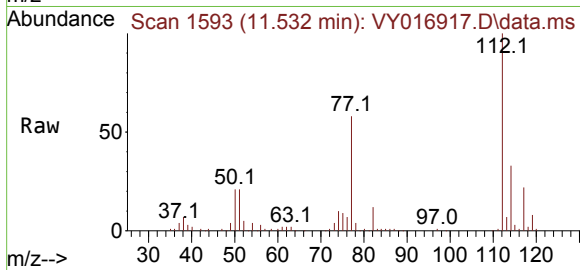
131 86.7 72.5 108.7



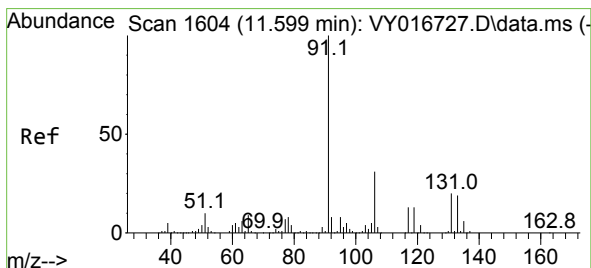
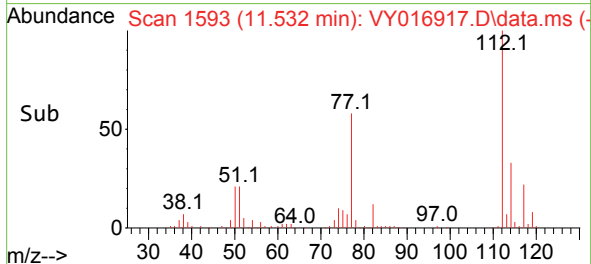
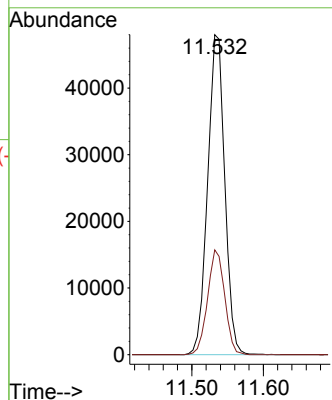


#65
Chlorobenzene
Concen: 19.738 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Instrument :
MSVOA_Y
ClientSampleId :

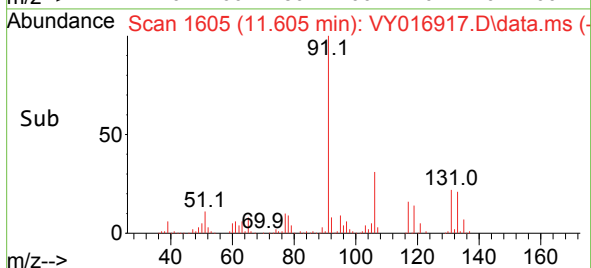
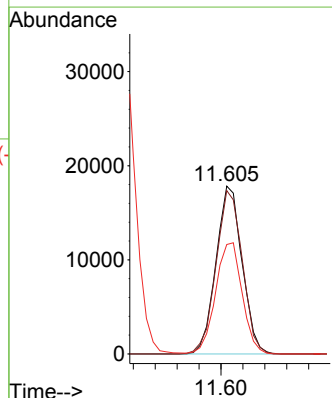
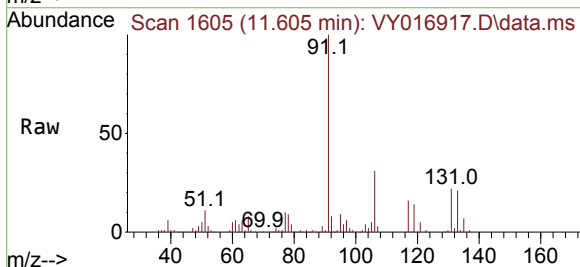


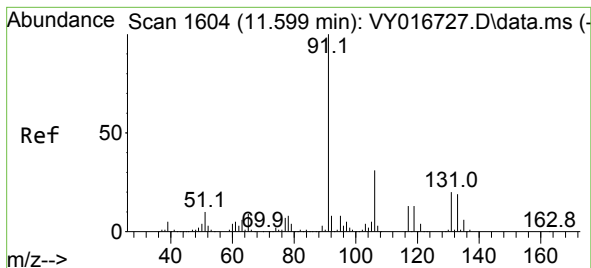
Tgt Ion:112 Resp: 79696
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.203 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion:131 Resp: 29475
Ion Ratio Lower Upper
131 100
133 98.2 47.0 141.0
119 67.6 33.3 99.9





#67

Ethyl Benzene

Concen: 19.852 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

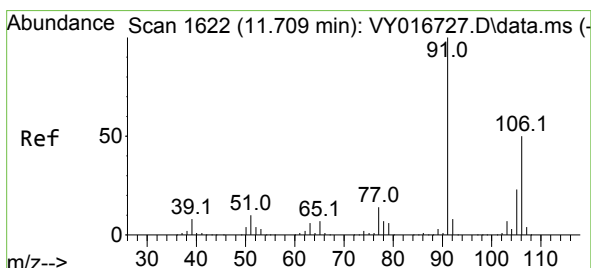
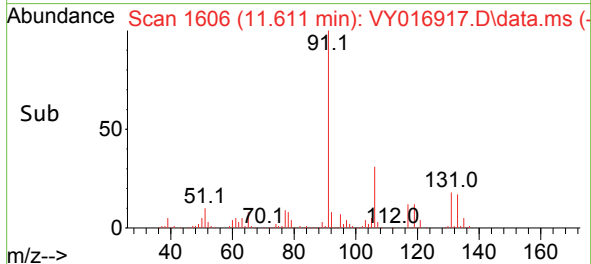
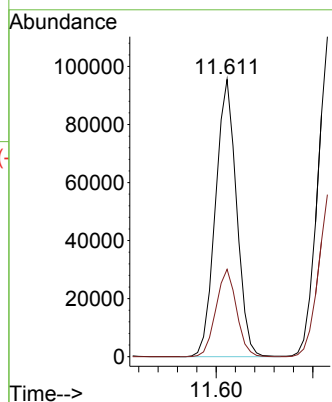
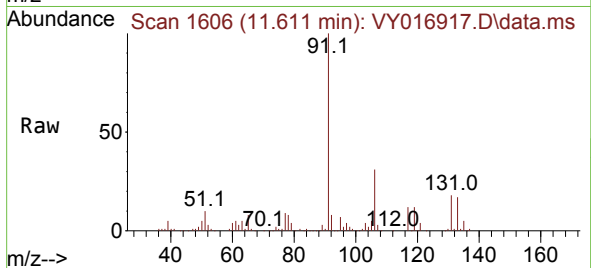
ClientSampleId :

Tgt Ion: 91 Resp: 144312

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 40.195 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016917.D

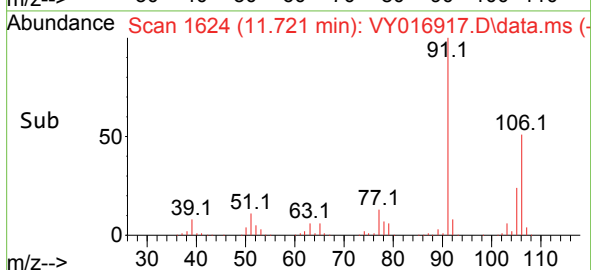
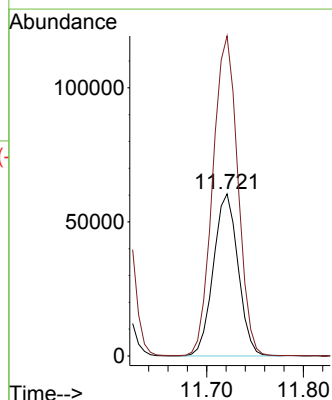
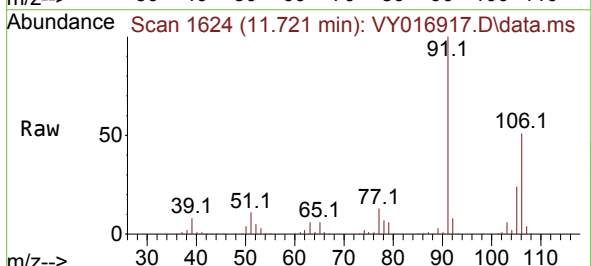
Acq: 05 Jan 2024 12:27

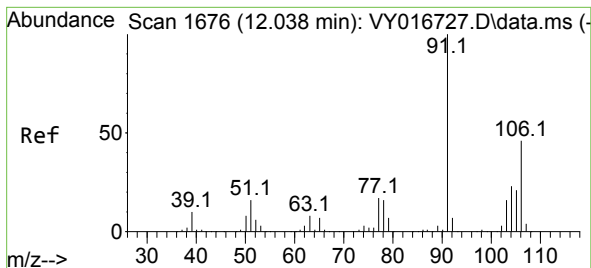
Tgt Ion:106 Resp: 107251

Ion Ratio Lower Upper

106 100

91 200.2 160.7 241.1





#69

o-Xylene

Concen: 19.850 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

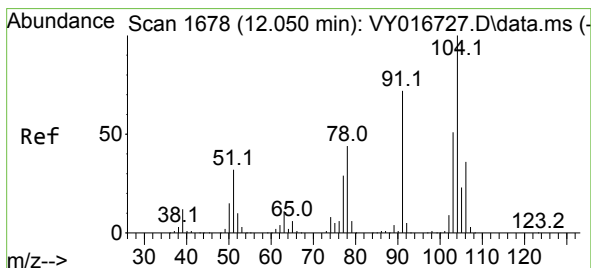
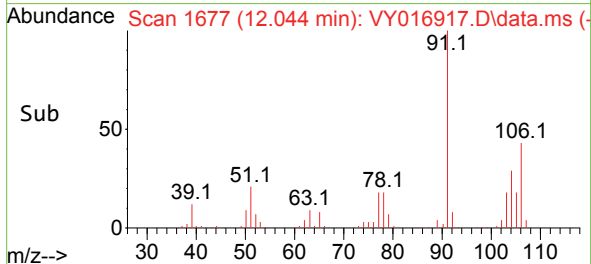
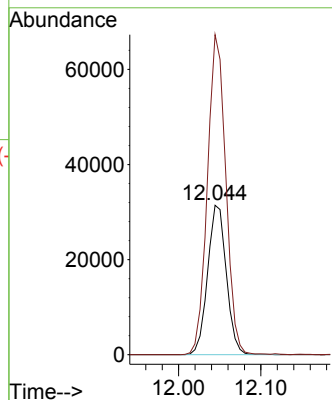
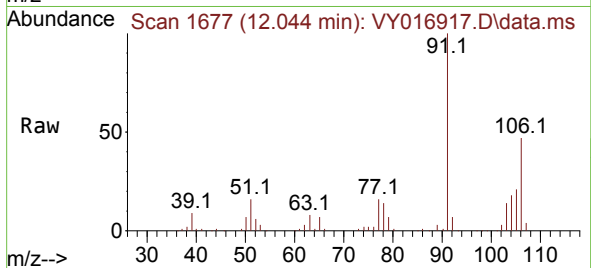
ClientSampleId :

Tgt Ion:106 Resp: 49654

Ion Ratio Lower Upper

106 100

91 210.7 106.5 319.5



#70

Styrene

Concen: 19.778 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

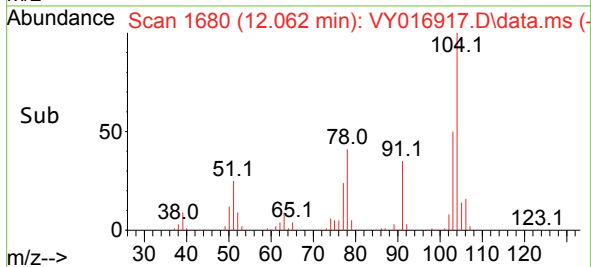
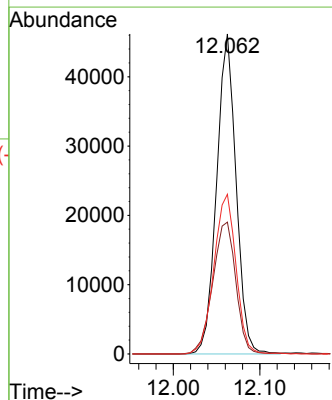
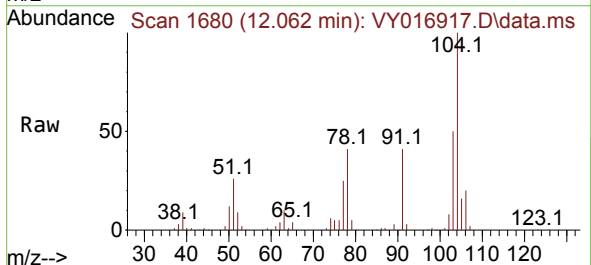
Tgt Ion:104 Resp: 72003

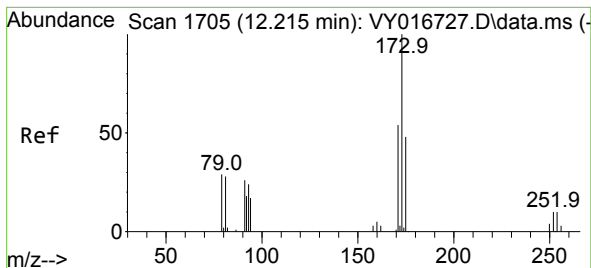
Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

103 57.0 43.8 65.6





#71

Bromoform

Concen: 19.347 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

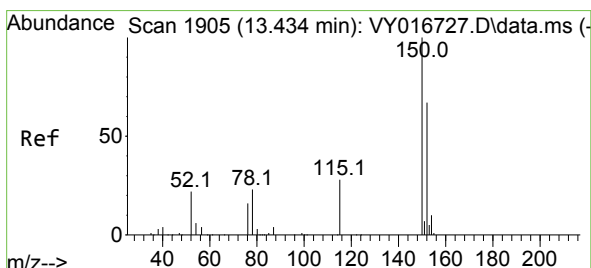
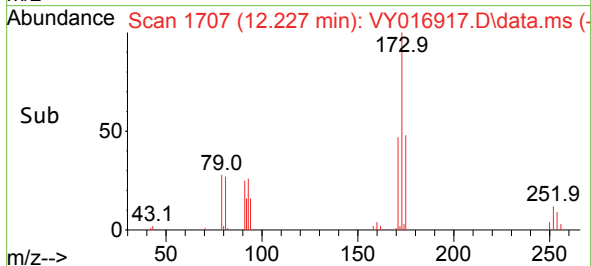
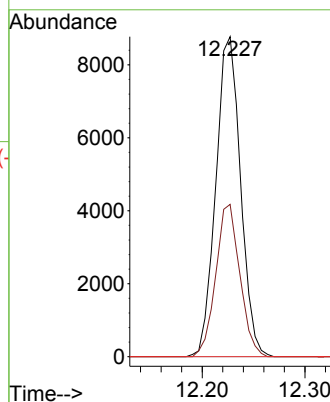
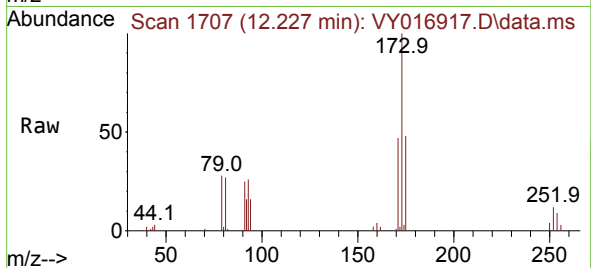
Tgt Ion:173 Resp: 14619

Ion Ratio Lower Upper

173 100

175 46.5 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

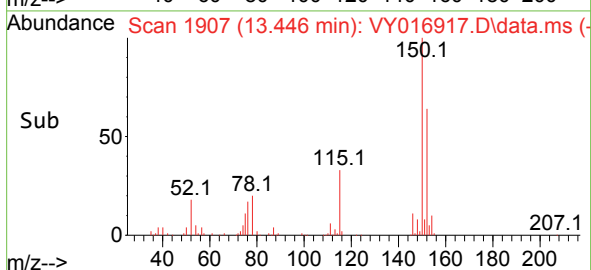
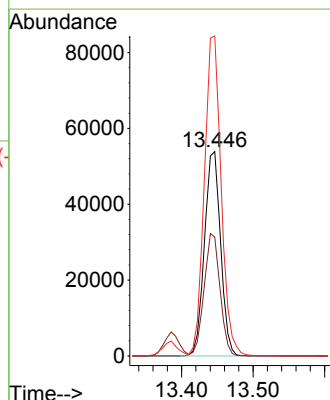
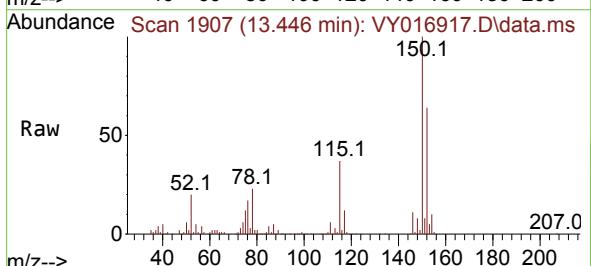
Tgt Ion:152 Resp: 84603

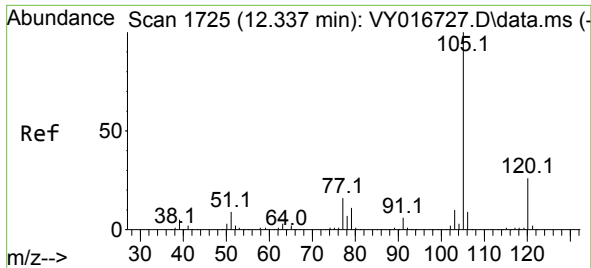
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 163.1 0.0 344.6

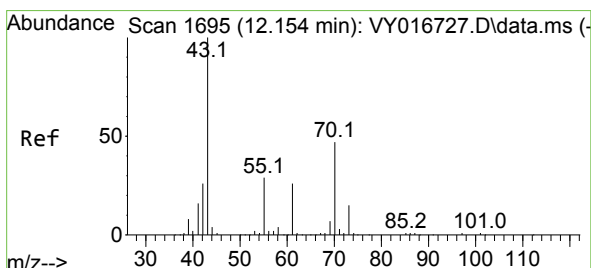
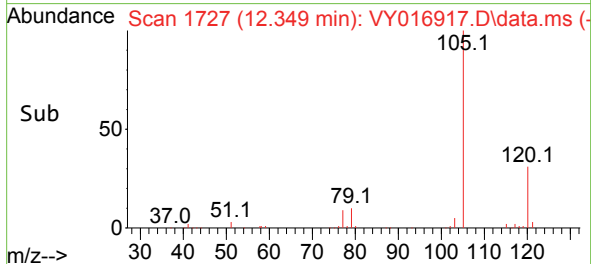
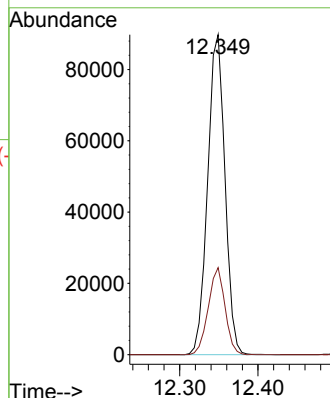
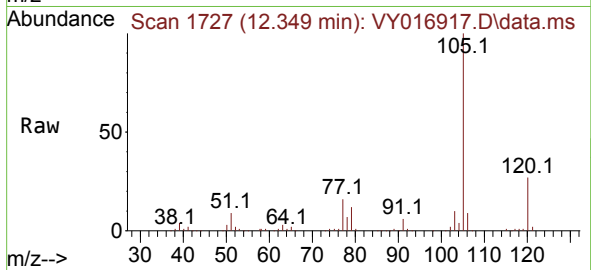




#73
Isopropylbenzene
Concen: 19.897 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

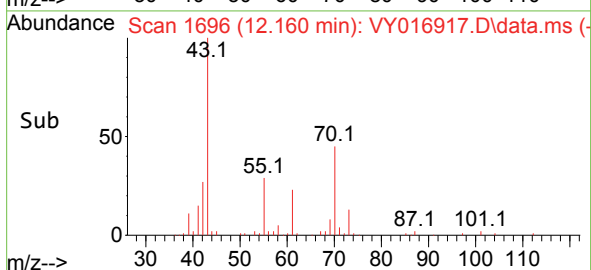
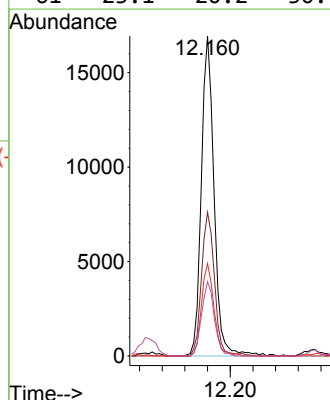
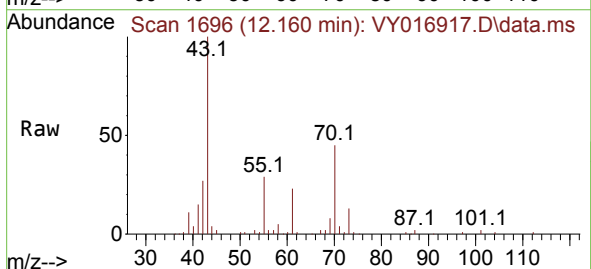
Instrument :
MSVOA_Y
ClientSampleId :

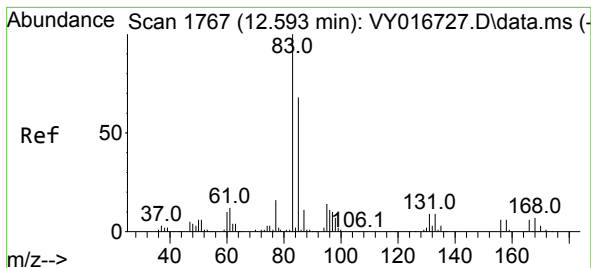
Tgt Ion:105 Resp: 137464
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 19.028 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion: 43 Resp: 26412
Ion Ratio Lower Upper
43 100
70 45.6 36.6 55.0
55 28.5 22.2 33.4
61 23.1 20.2 30.4

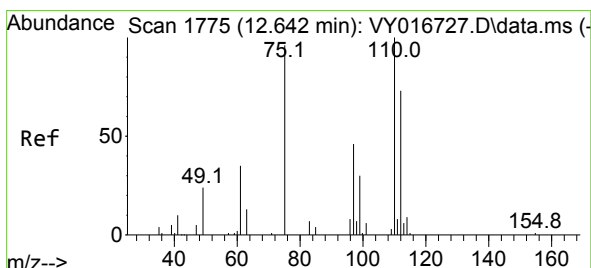
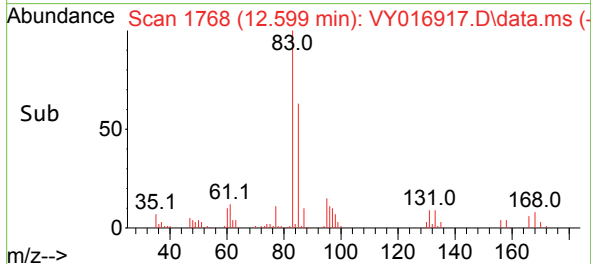
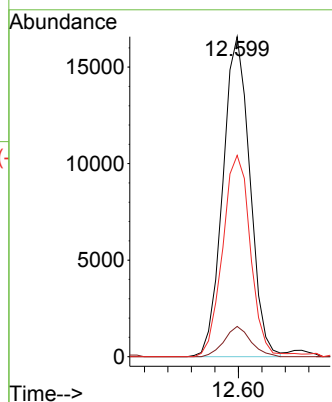
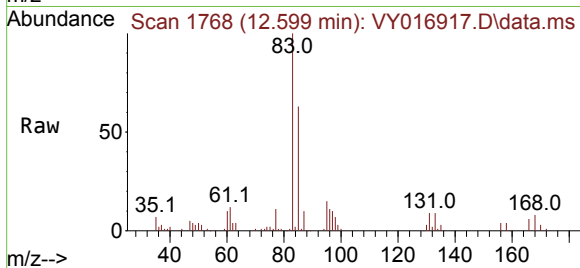




#75
1,1,2,2-Tetrachloroethane
Concen: 18.825 ug/l
RT: 12.599 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

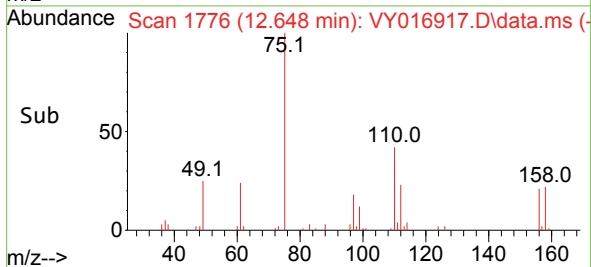
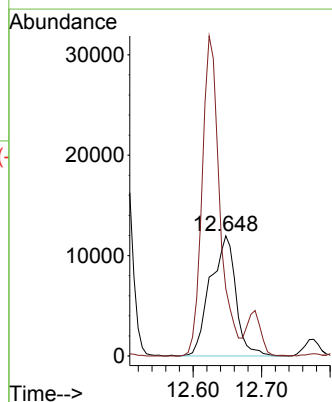
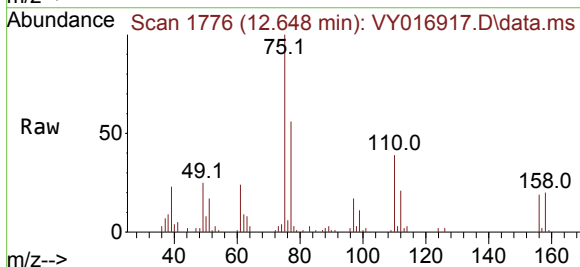
Instrument :
MSVOA_Y
ClientSampleId :

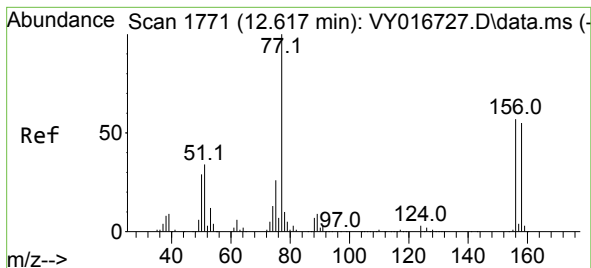
Tgt Ion:	83	Resp:	26499
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.9	14.6
85	65.4	32.6	98.0



#76
1,2,3-Trichloropropane
Concen: 33.620 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion:	75	Resp:	30866
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.302 ug/l

RT: 12.629 min Scan# 1771

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

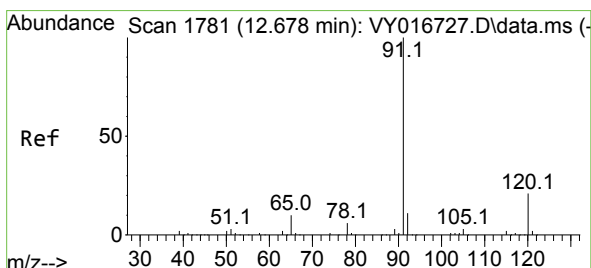
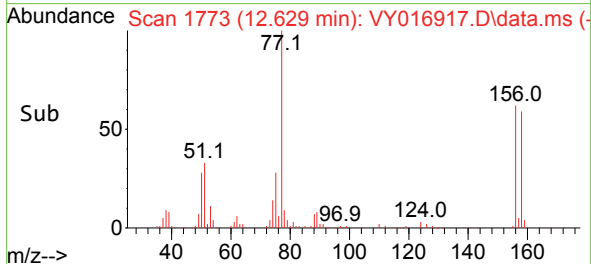
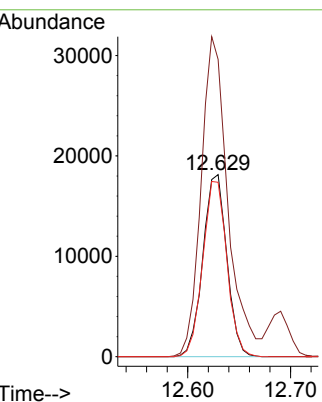
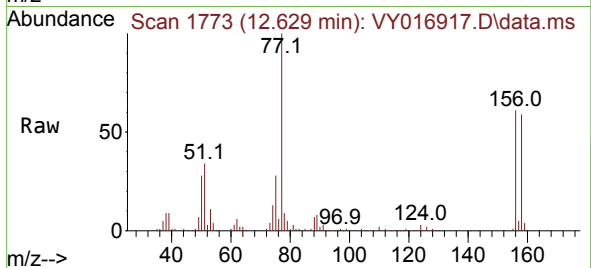
Tgt Ion:156 Resp: 29360

Ion Ratio Lower Upper

156 100

77 196.9 97.3 291.8

158 97.1 48.4 145.0



#78

n-propylbenzene

Concen: 20.199 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016917.D

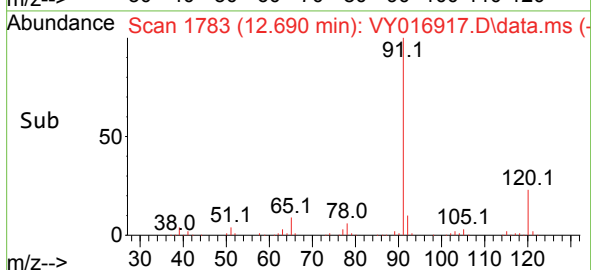
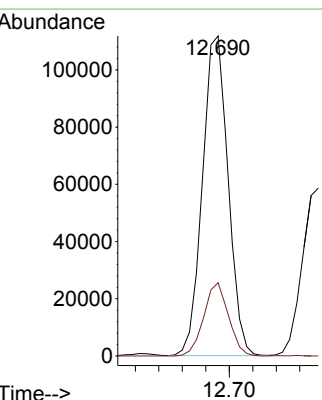
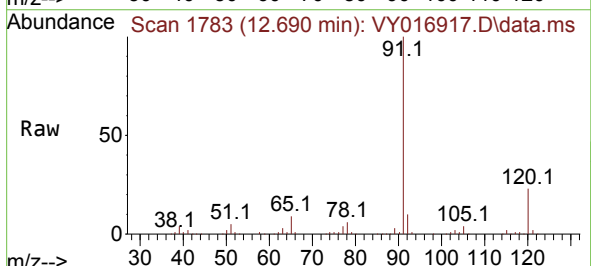
Acq: 05 Jan 2024 12:27

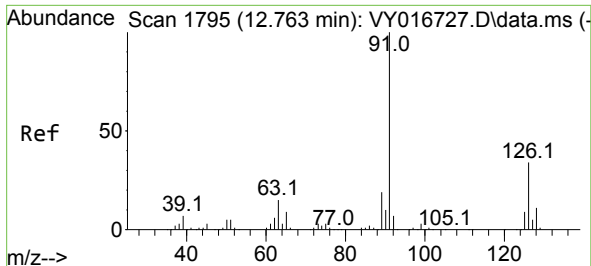
Tgt Ion: 91 Resp: 169648

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

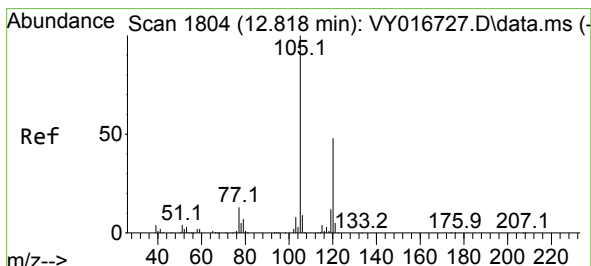
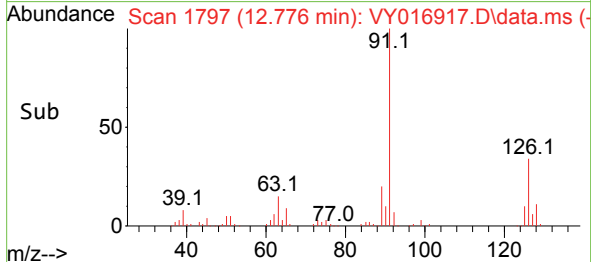
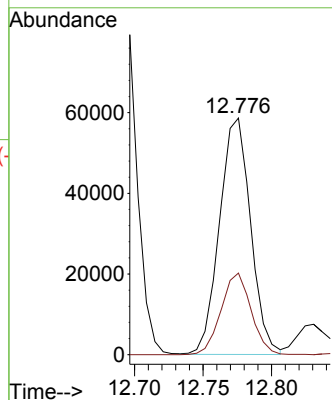
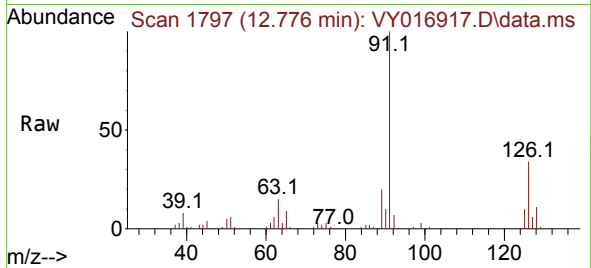




#79
2-Chlorotoluene
Concen: 19.885 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

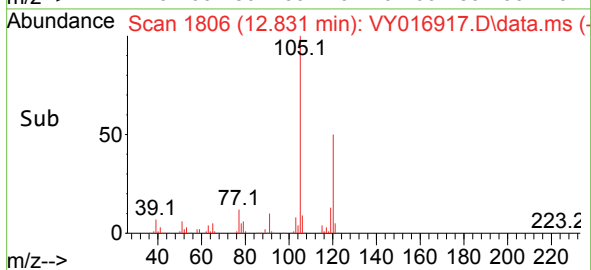
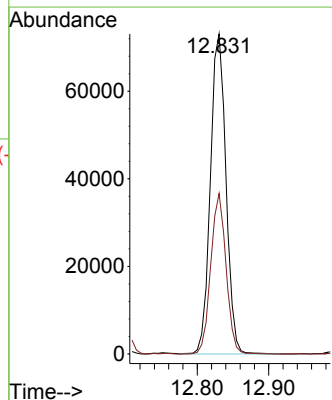
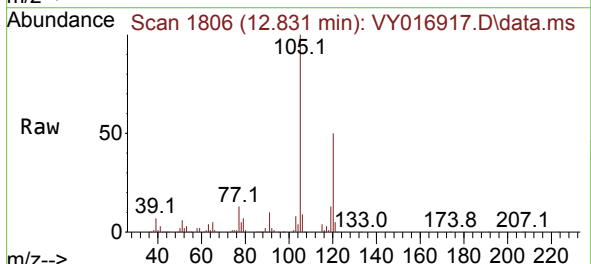
Instrument :
MSVOA_Y
ClientSampleId :

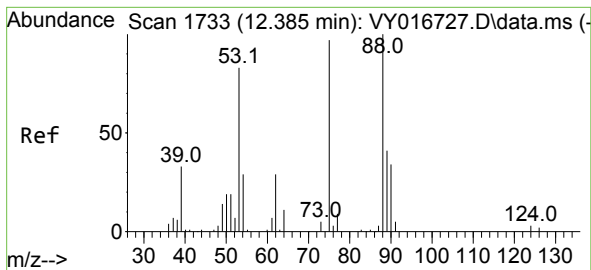
Tgt Ion: 91 Resp: 92612
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.266 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

Tgt Ion:105 Resp: 110733
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

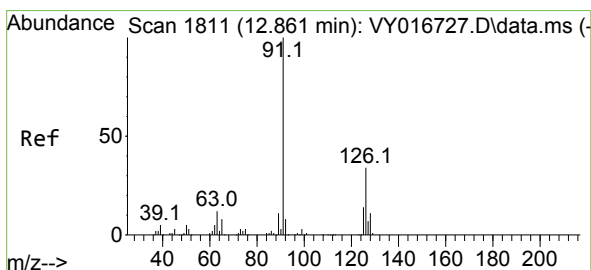
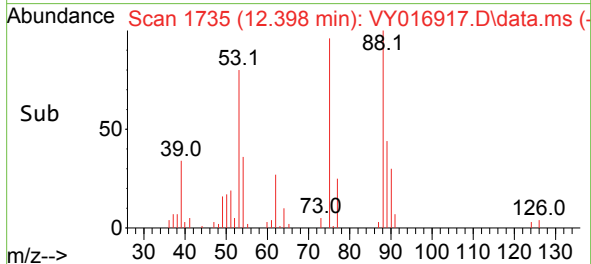
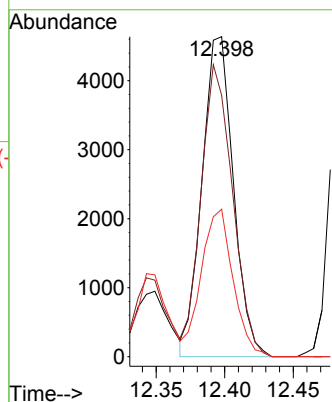
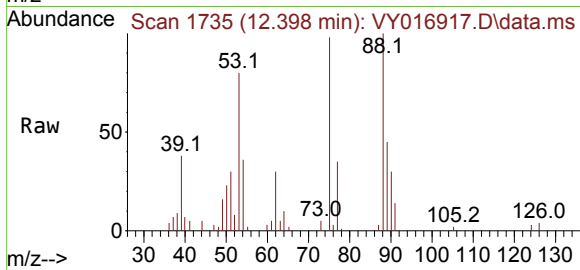




#81
trans-1,4-Dichloro-2-butene
Concen: 18.221 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

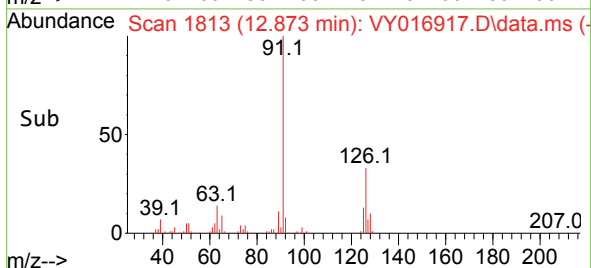
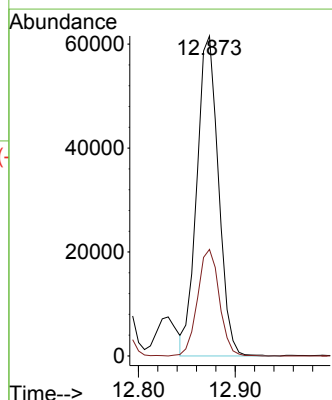
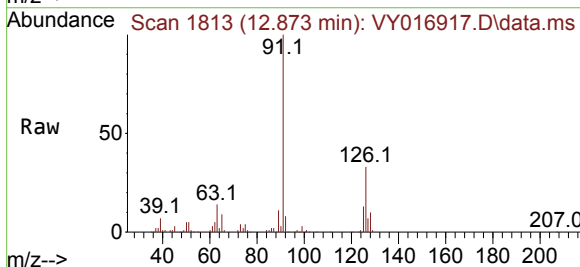
Instrument :
MSVOA_Y
ClientSampleId :

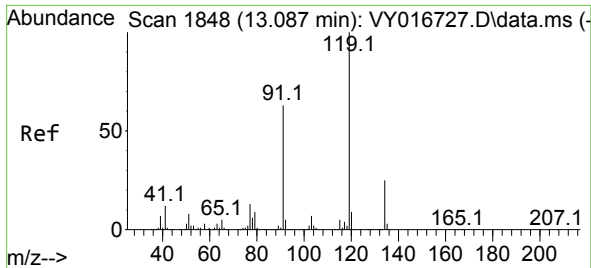
Tgt Ion: 75 Resp: 7367
Ion Ratio Lower Upper
75 100
53 92.0 74.0 111.0
89 47.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.112 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016917.D
Acq: 05 Jan 2024 12:27

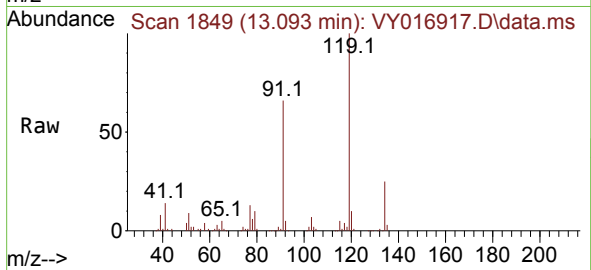
Tgt Ion: 91 Resp: 95699
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2



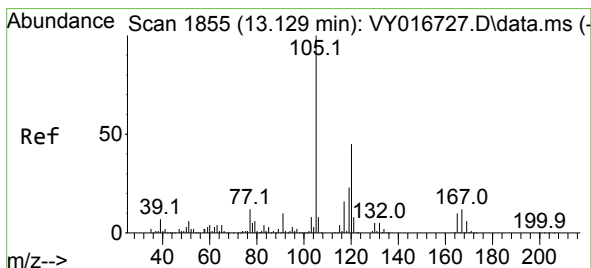
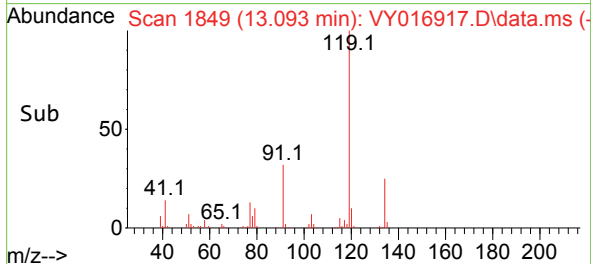
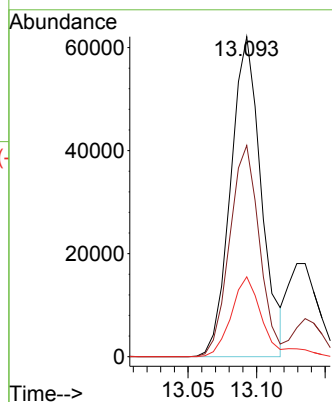


#83
 tert-Butylbenzene
 Concen: 20.021 ug/l
 RT: 13.093 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VY016917.D
 Acq: 05 Jan 2024 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :

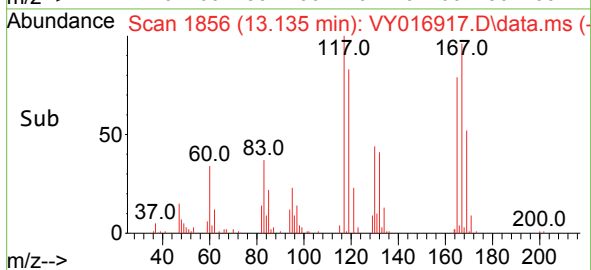
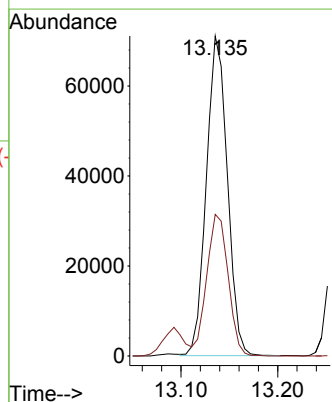
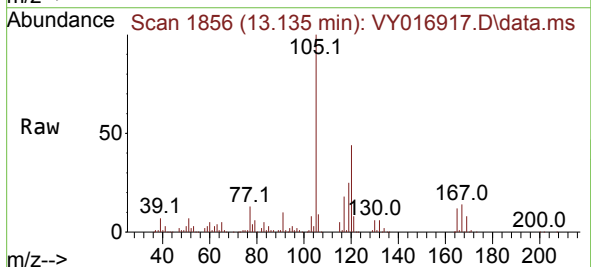


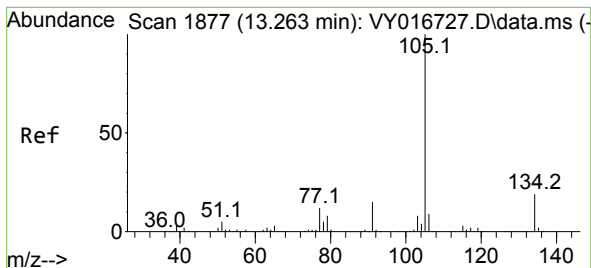
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.3	31.5	94.5
134	26.1	13.1	39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.967 ug/l
 RT: 13.135 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VY016917.D
 Acq: 05 Jan 2024 12:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 20.010 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.007 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

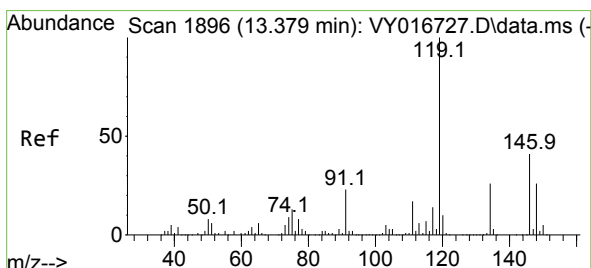
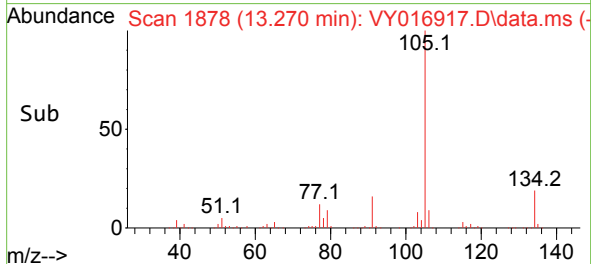
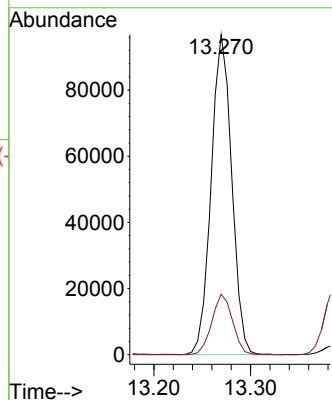
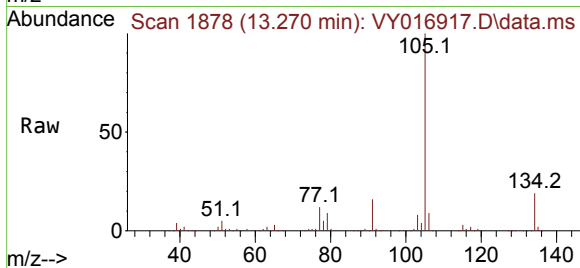
ClientSampleId :

Tgt Ion:105 Resp: 142692

Ion Ratio Lower Upper

105 100

134 19.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.843 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

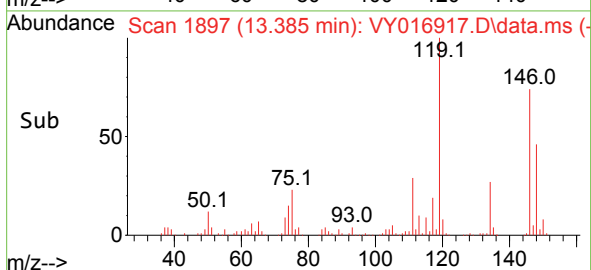
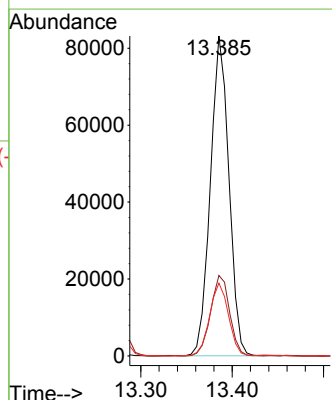
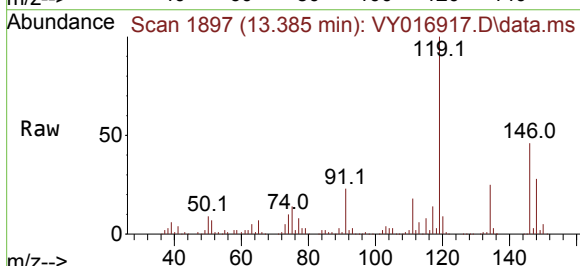
Tgt Ion:119 Resp: 116779

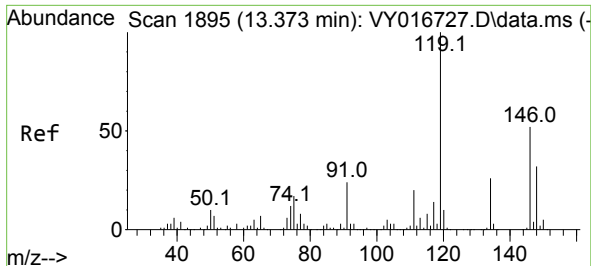
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.411 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

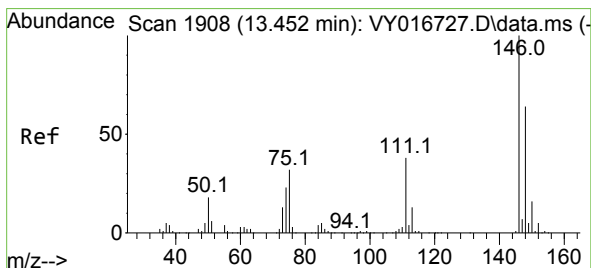
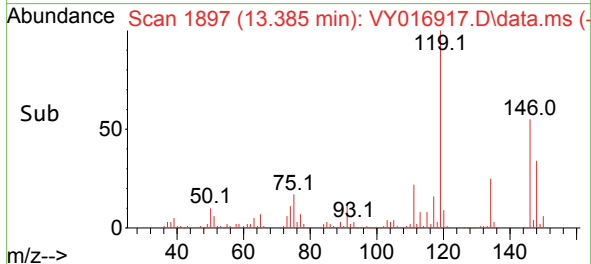
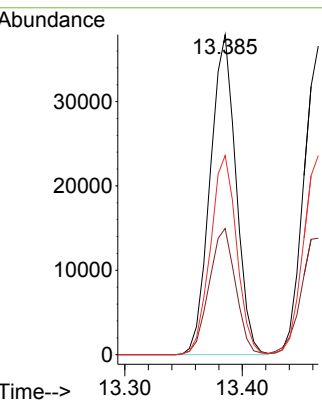
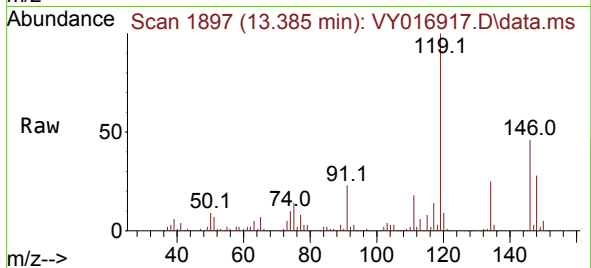
Tgt Ion:146 Resp: 57906

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.375 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

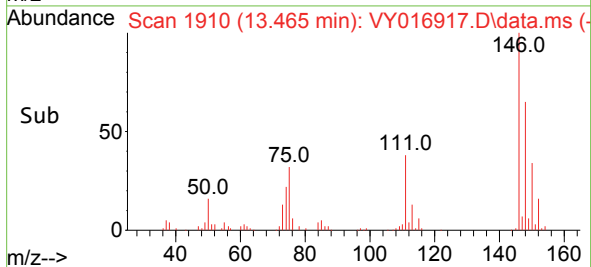
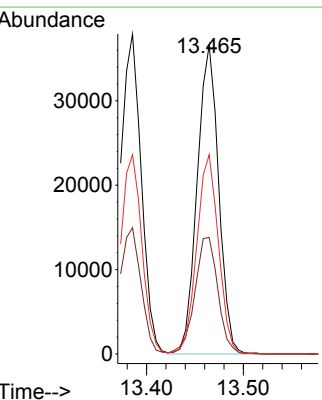
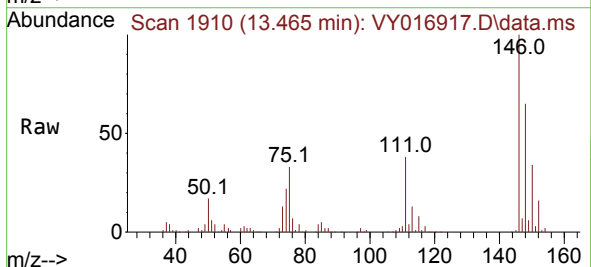
Tgt Ion:146 Resp: 56533

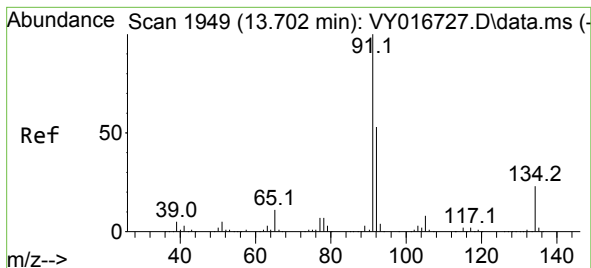
Ion Ratio Lower Upper

146 100

111 40.7 19.3 57.9

148 65.1 31.6 94.7





#89

n-Butylbenzene

Concen: 19.988 ug/l

RT: 13.715 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

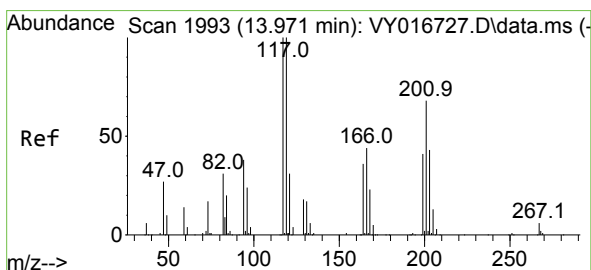
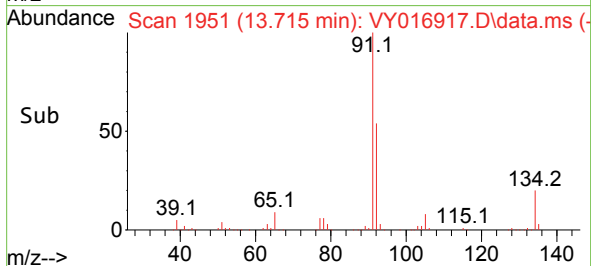
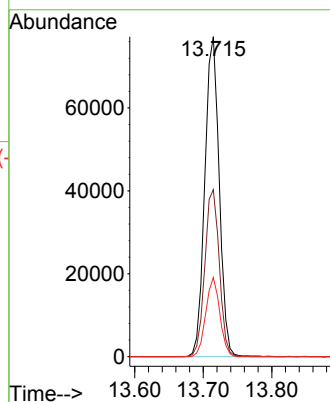
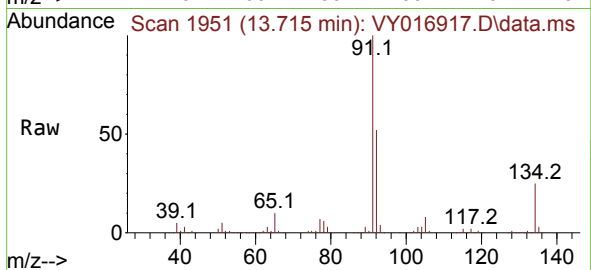
Tgt Ion: 91 Resp: 113101

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 24.0 12.3 36.8



#90

Hexachloroethane

Concen: 19.373 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016917.D

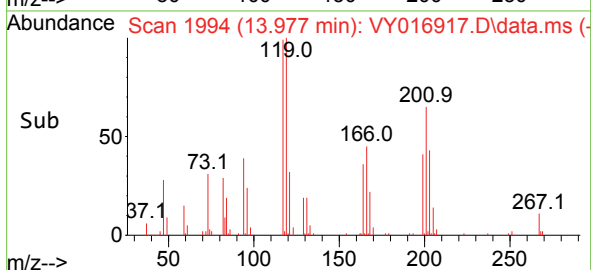
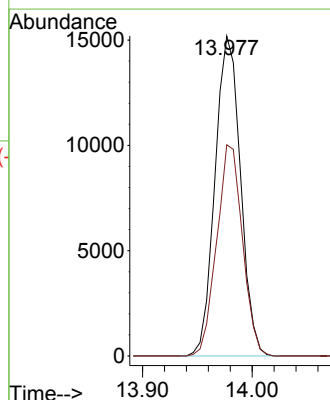
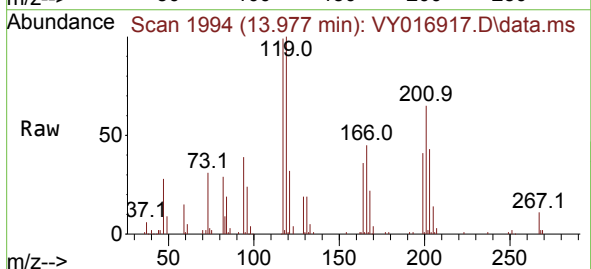
Acq: 05 Jan 2024 12:27

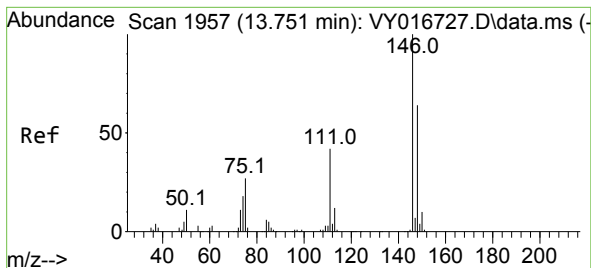
Tgt Ion: 117 Resp: 24500

Ion Ratio Lower Upper

117 100

201 66.8 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 19.397 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016917.D

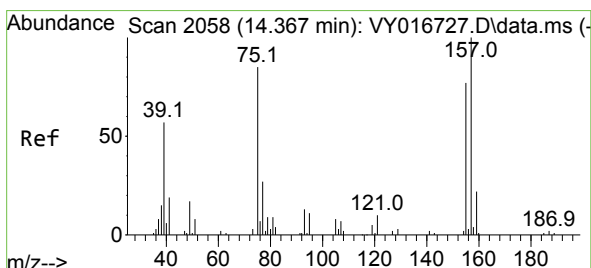
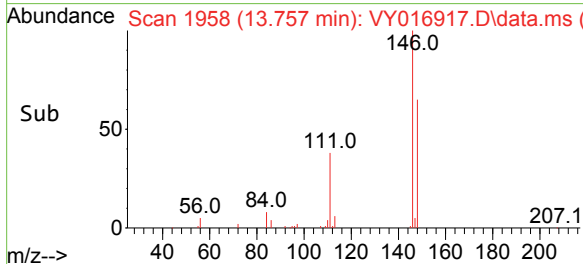
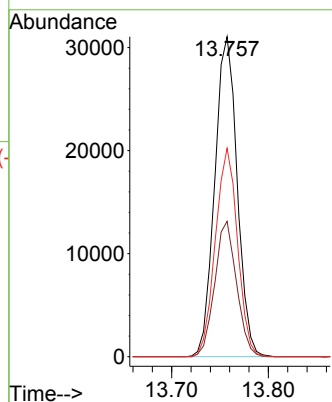
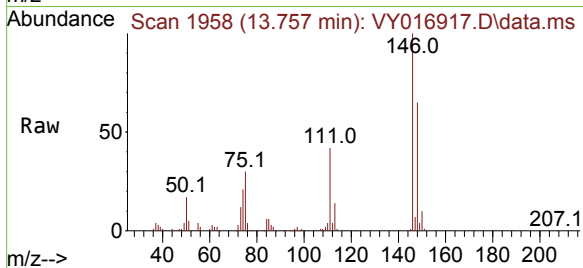
Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	50006
Ion Ratio	Lower	Upper
146	100	
111	41.3	20.5 61.6
148	64.2	31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.389 ug/l

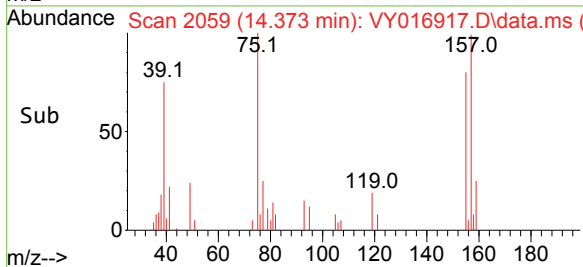
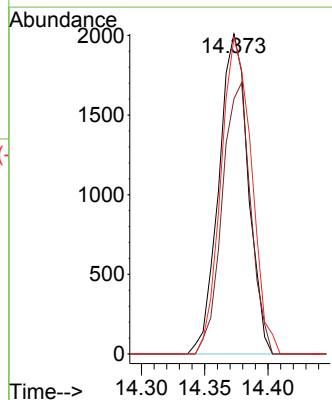
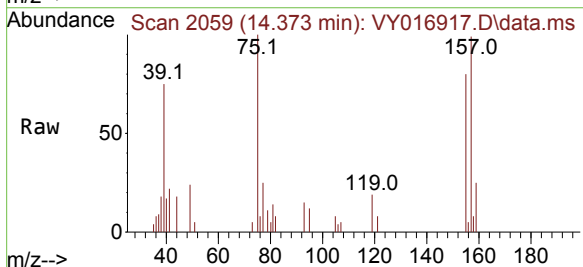
RT: 14.373 min Scan# 2059

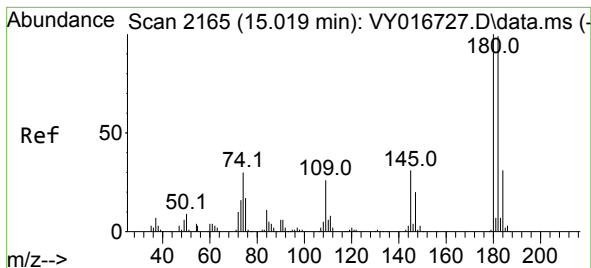
Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Tgt Ion: 75	Resp:	3246
Ion Ratio	Lower	Upper
75	100	
155	82.2	42.1 126.3
157	103.0	55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.774 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

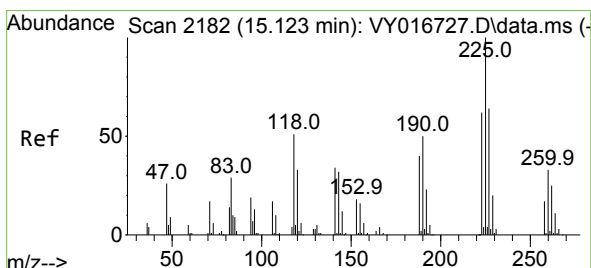
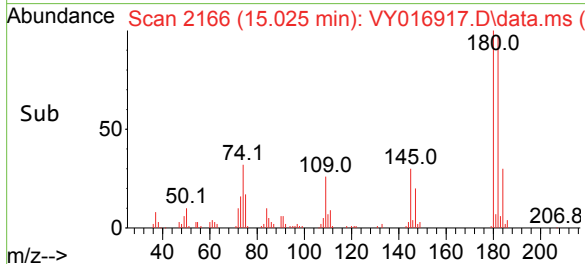
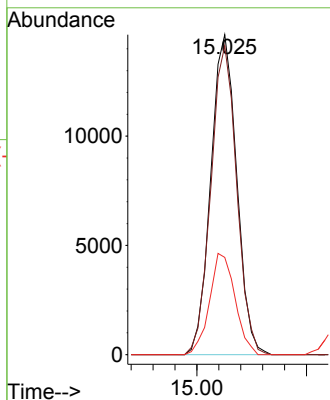
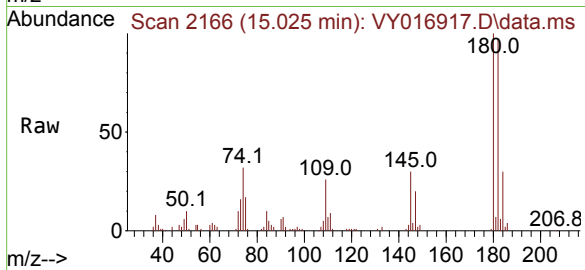
Tgt Ion:180 Resp: 24035

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 31.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.272 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

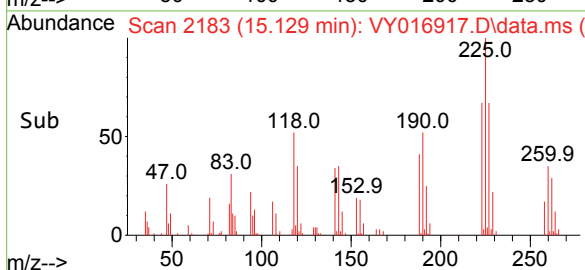
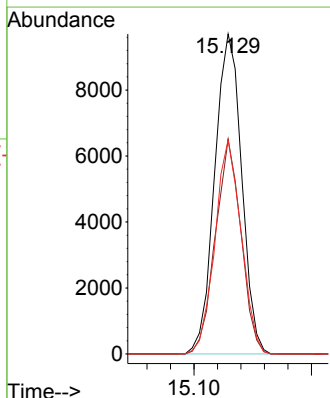
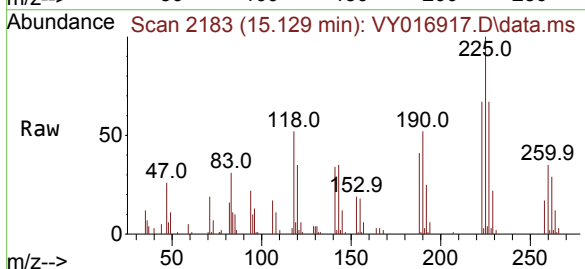
Tgt Ion:225 Resp: 15456

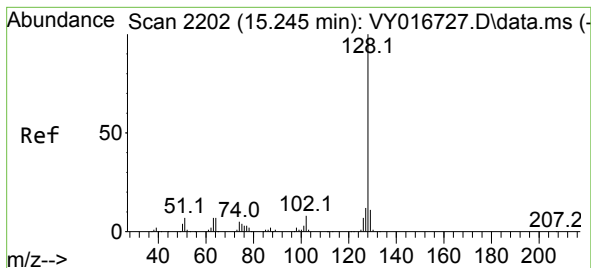
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 18.973 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016917.D

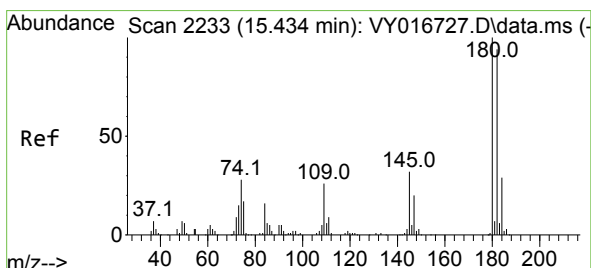
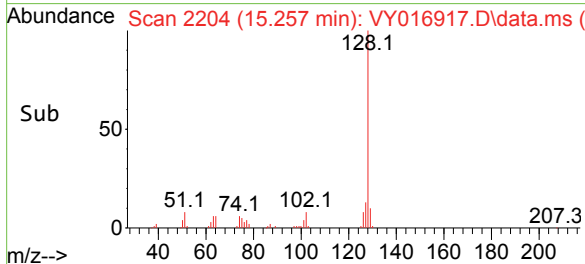
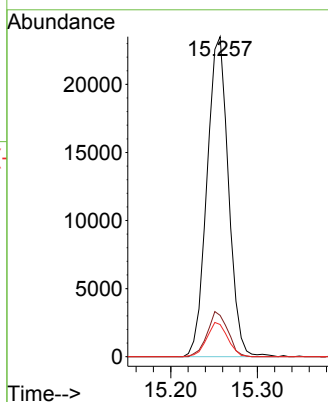
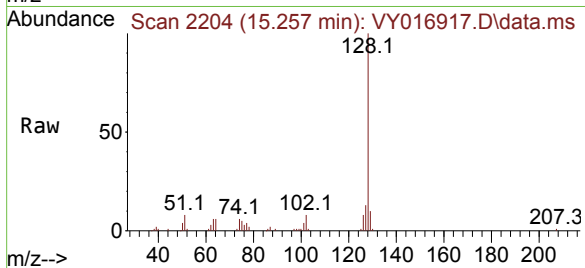
Acq: 05 Jan 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	40450
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.2 15.4
129	10.4	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.374 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016917.D

Acq: 05 Jan 2024 12:27

Tgt Ion:180	Resp:	19973
Ion Ratio	Lower	Upper
180	100	
182	95.6	46.3 138.8
145	33.3	16.1 48.2

