

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017786.D
 Acq On : 27 Mar 2024 17:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 28 02:19:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	125611	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	211216	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	184652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62105	56.753	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.500%
35) Dibromofluoromethane	7.722	113	62893	49.814	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.185	98	239381	49.540	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.483	95	75008	51.694	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.380%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	42053	38.779	ug/l	95
3) Chloromethane	2.113	50	71854	51.148	ug/l	98
4) Vinyl Chloride	2.247	62	99500	58.579	ug/l	97
5) Bromomethane	2.650	94	80843	60.956	ug/l	96
6) Chloroethane	2.796	64	69307	61.053	ug/l	100
7) Trichlorofluoromethane	3.125	101	83184	46.464	ug/l	90
8) Diethyl Ether	3.534	74	30038	50.891	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	60314	47.325	ug/l	96
10) Methyl Iodide	4.094	142	69903	44.870	ug/l	98
11) Tert butyl alcohol	4.948	59	20565	282.539	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	57973	48.360	ug/l	91
13) Acrolein	3.729	56	22899	260.993	ug/l	99
14) Allyl chloride	4.485	41	86865	53.467	ug/l	95
15) Acrylonitrile	5.155	53	70724	289.246	ug/l	99
16) Acetone	3.942	43	63907	333.887	ug/l	91
17) Carbon Disulfide	4.198	76	185945	46.356	ug/l	96
18) Methyl Acetate	4.472	43	31066	64.465	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	142984	55.318	ug/l	99
20) Methylene Chloride	4.722	84	71285	51.210	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	67600	49.464	ug/l	94
22) Diisopropyl ether	6.118	45	199773	56.475	ug/l	93
23) Vinyl Acetate	6.064	43	610504	293.843	ug/l	94
24) 1,1-Dichloroethane	6.021	63	119964	51.596	ug/l	97
25) 2-Butanone	6.984	43	94581	289.594	ug/l #	86
26) 2,2-Dichloropropane	6.984	77	98103	49.639	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	78058	50.495	ug/l	92
28) Bromochloromethane	7.338	49	51516	57.153	ug/l	83
29) Tetrahydrofuran	7.350	42	58700	286.407	ug/l	89
30) Chloroform	7.508	83	120599	50.034	ug/l	100
31) Cyclohexane	7.789	56	104677	48.365	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	101053	48.140	ug/l	95
36) 1,1-Dichloropropene	7.923	75	90869	46.587	ug/l	97
37) Ethyl Acetate	7.076	43	42459	56.649	ug/l	96
38) Carbon Tetrachloride	7.905	117	93150	45.609	ug/l	99
39) Methylcyclohexane	9.185	83	115192	46.005	ug/l	93
40) Benzene	8.167	78	281052	48.136	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017786.D
 Acq On : 27 Mar 2024 17:09
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 28 02:19:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	54996	148.545	ug/l #	36
42) 1,2-Dichloroethane	8.240	62	71178	50.897	ug/l	97
43) Isopropyl Acetate	8.277	43	77138	51.992	ug/l	93
44) Trichloroethene	8.941	130	64591	42.294	ug/l	97
45) 1,2-Dichloropropane	9.222	63	66222	49.779	ug/l	99
46) Dibromomethane	9.307	93	35942	48.484	ug/l	94
47) Bromodichloromethane	9.502	83	91802	48.431	ug/l	97
48) Methyl methacrylate	9.295	41	35025	50.758	ug/l	91
49) 1,4-Dioxane	9.301	88	8226	1140.418	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	206962	259.486	ug/l	95
52) Toluene	10.246	92	171966	47.664	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	83248	50.218	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	100408	49.583	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	45405	47.879	ug/l	91
56) Ethyl methacrylate	10.514	69	64194	48.192	ug/l #	86
57) 1,3-Dichloropropane	10.794	76	81100	49.650	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	166804	249.107	ug/l	96
59) 2-Hexanone	10.837	43	149048	265.286	ug/l	93
60) Dibromochloromethane	10.989	129	57987	45.714	ug/l	99
61) 1,2-Dibromoethane	11.093	107	43674	49.054	ug/l	97
64) Tetrachloroethene	10.721	164	76045	44.532	ug/l	97
65) Chlorobenzene	11.520	112	185537	46.678	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	61209	46.113	ug/l	99
67) Ethyl Benzene	11.593	91	323742	47.424	ug/l	100
68) m/p-Xylenes	11.703	106	248958	94.011	ug/l	96
69) o-Xylene	12.032	106	115232	47.661	ug/l	98
70) Styrene	12.050	104	200056	49.717	ug/l	99
71) Bromoform	12.209	173	32432	46.394	ug/l #	96
73) Isopropylbenzene	12.331	105	300222	45.608	ug/l	99
74) N-amyl acetate	12.148	43	67369	49.798	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	49049	48.393	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	67874	84.313	ug/l #	100
77) Bromobenzene	12.611	156	67415	44.982	ug/l	94
78) n-propylbenzene	12.678	91	365908	45.919	ug/l	100
79) 2-Chlorotoluene	12.757	91	200168	45.807	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	239652	46.506	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17734	50.903	ug/l	94
82) 4-Chlorotoluene	12.861	91	207893	46.368	ug/l	100
83) tert-Butylbenzene	13.081	119	213455	45.774	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	238877	47.285	ug/l	99
85) sec-Butylbenzene	13.257	105	307175	43.951	ug/l	99
86) p-Isopropyltoluene	13.373	119	273739	47.171	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	135724	44.690	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	132323	45.386	ug/l	98
89) n-Butylbenzene	13.702	91	255426	48.651	ug/l	99
90) Hexachloroethane	13.965	117	49278	41.641	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	114487	45.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6635	49.596	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	60430	49.585	ug/l	99
94) Hexachlorobutadiene	15.117	225	34525	44.133	ug/l	98
95) Naphthalene	15.239	128	105930	47.161	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	50832	50.517	ug/l	99

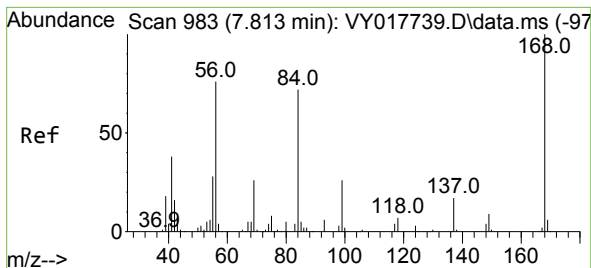
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
Data File : VY017786.D
Acq On : 27 Mar 2024 17:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 28 02:19:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.018 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

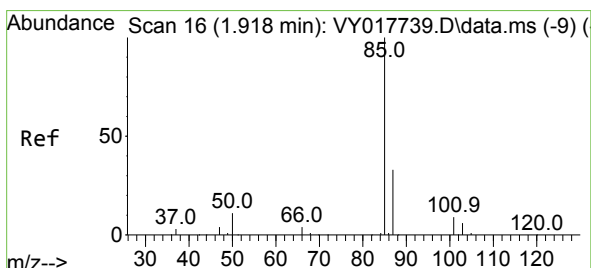
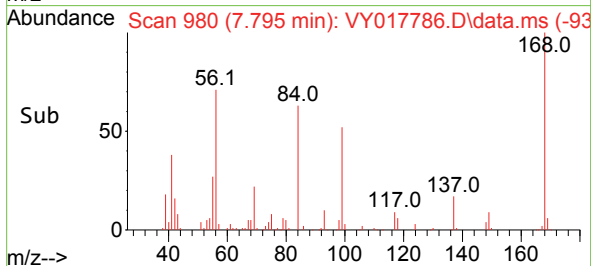
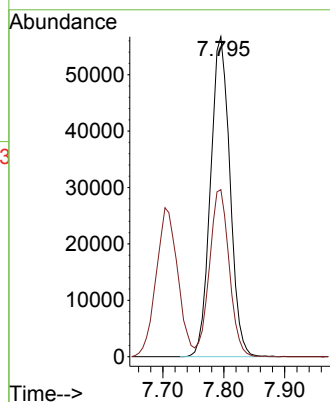
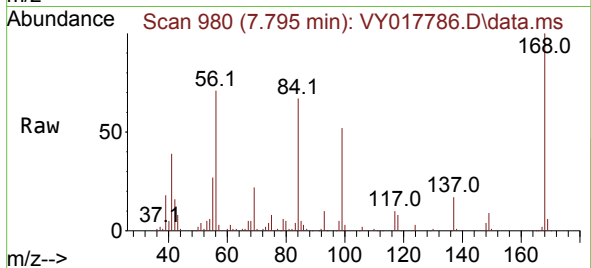
VSTDCCC050EC

Tgt Ion:168 Resp: 125611

Ion Ratio Lower Upper

168 100

99 52.2 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 38.779 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.018 min

Lab File: VY017786.D

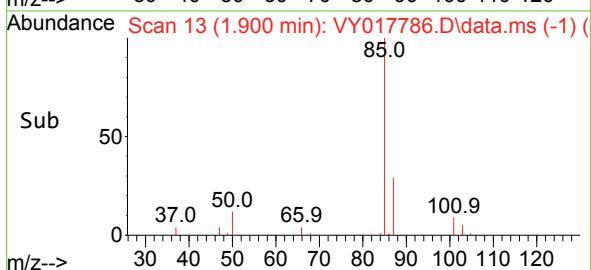
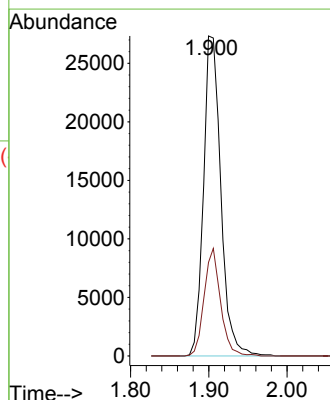
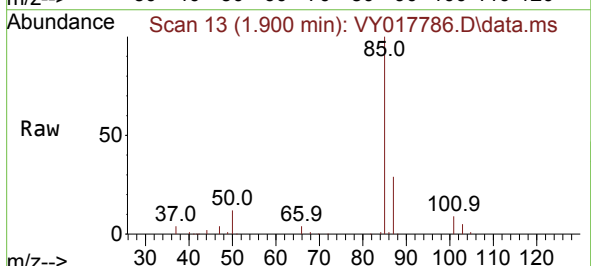
Acq: 27 Mar 2024 17:09

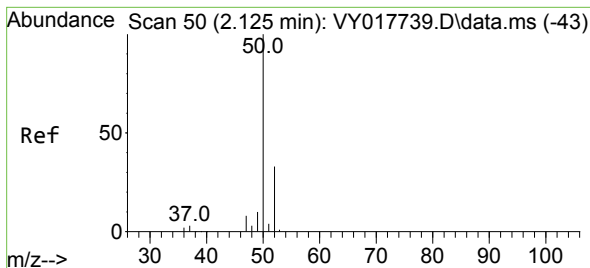
Tgt Ion: 85 Resp: 42053

Ion Ratio Lower Upper

85 100

87 29.2 16.0 48.0





#3

Chloromethane

Concen: 51.148 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

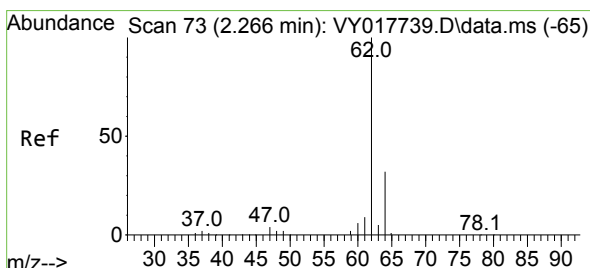
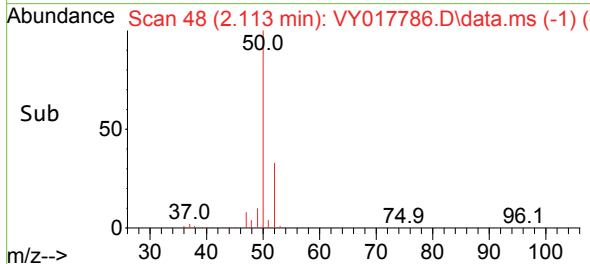
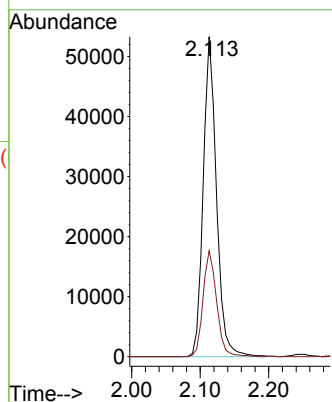
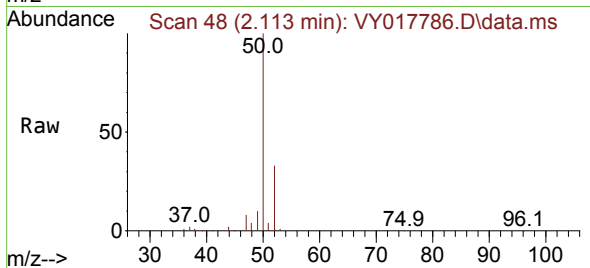
VSTDCCC050EC

Tgt Ion: 50 Resp: 71854

Ion Ratio Lower Upper

50 100

52 33.1 25.6 38.4



#4

Vinyl Chloride

Concen: 58.579 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.018 min

Lab File: VY017786.D

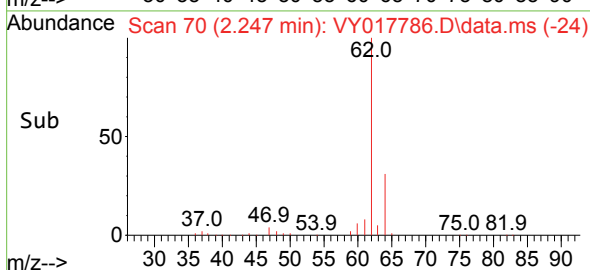
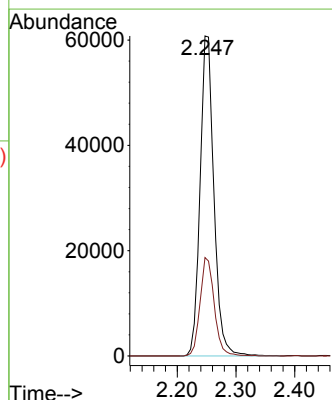
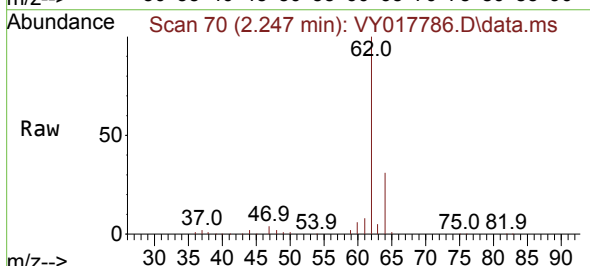
Acq: 27 Mar 2024 17:09

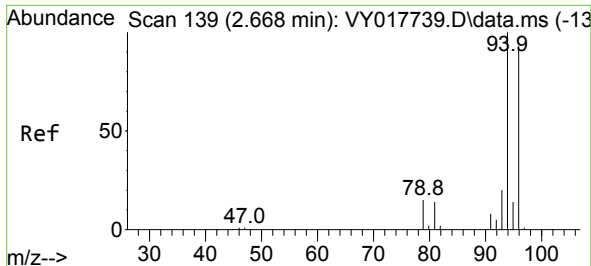
Tgt Ion: 62 Resp: 99500

Ion Ratio Lower Upper

62 100

64 30.7 26.1 39.1

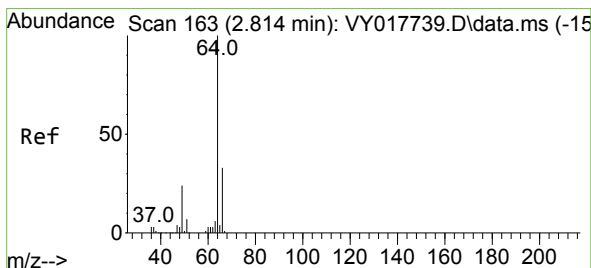
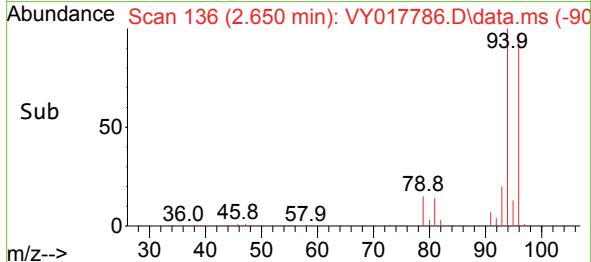
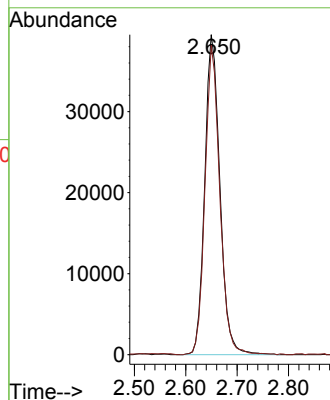
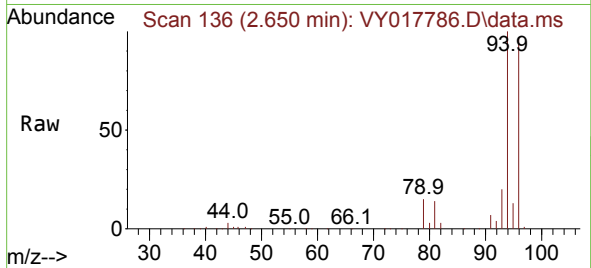




#5
Bromomethane
Concen: 60.956 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

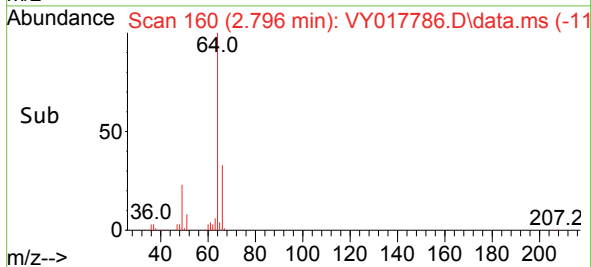
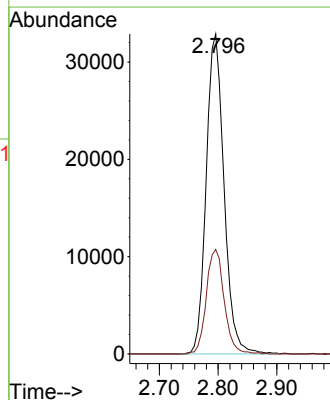
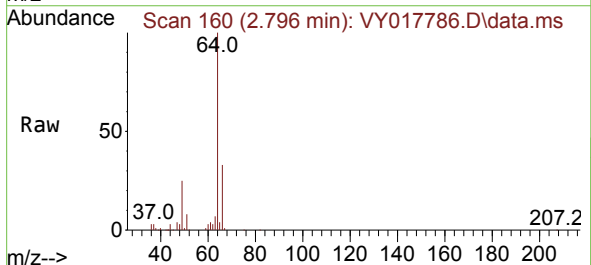
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

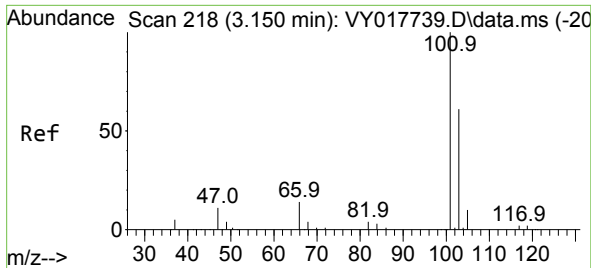
Tgt Ion: 94 Resp: 80843
Ion Ratio Lower Upper
94 100
96 96.6 74.1 111.1



#6
Chloroethane
Concen: 61.053 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 64 Resp: 69307
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

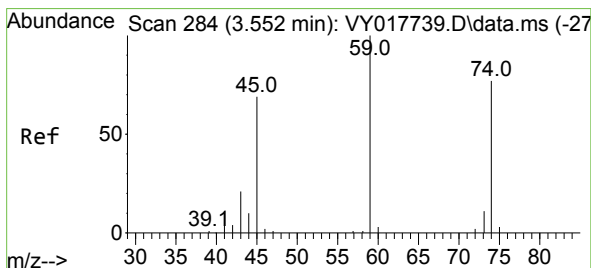
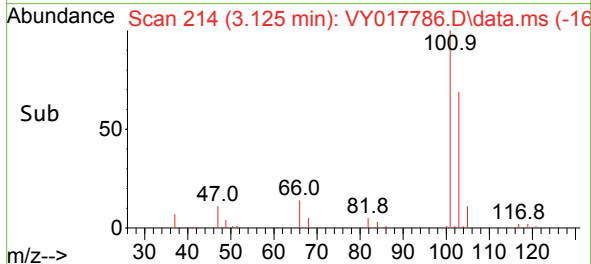
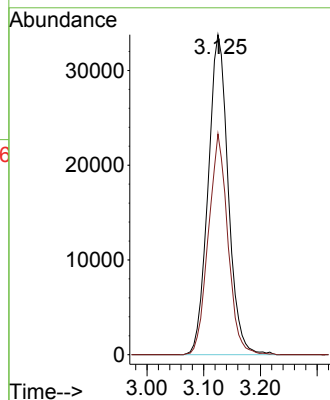
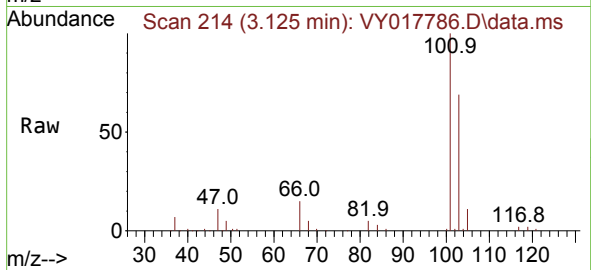




#7
Trichlorofluoromethane
Concen: 46.464 ug/l
RT: 3.125 min Scan# 218
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

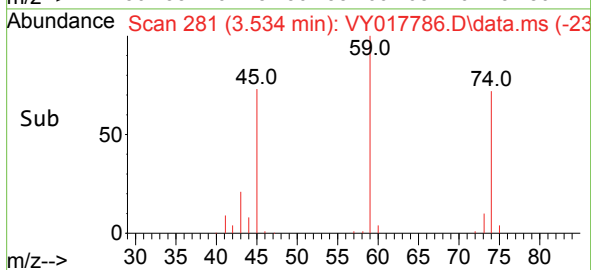
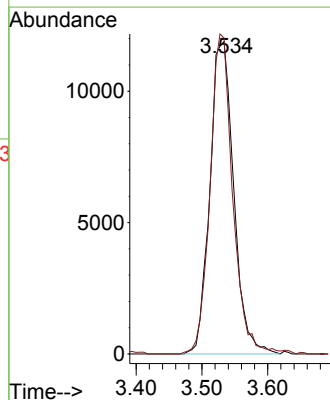
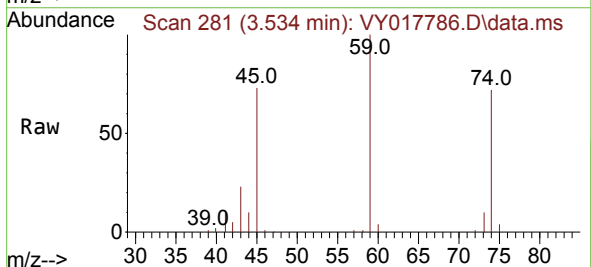
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

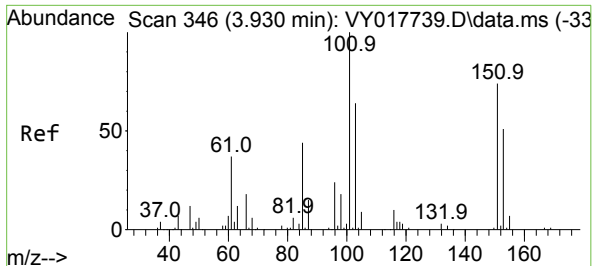
Tgt Ion:101 Resp: 83184
Ion Ratio Lower Upper
101 100
103 69.0 49.3 73.9



#8
Diethyl Ether
Concen: 50.891 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 74 Resp: 30038
Ion Ratio Lower Upper
74 100
45 97.3 41.3 124.1

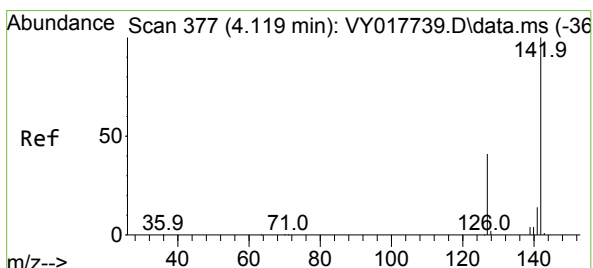
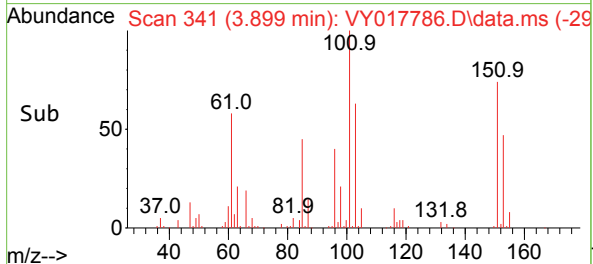
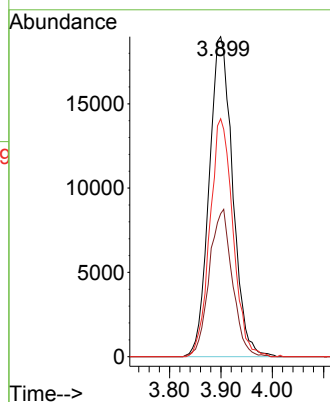
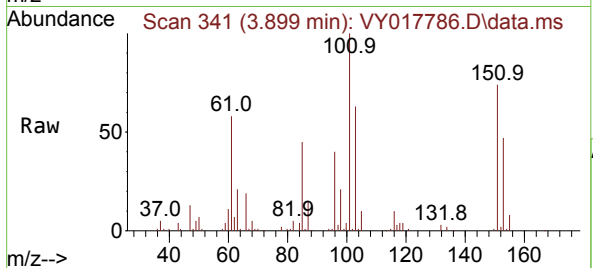




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.325 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.031 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

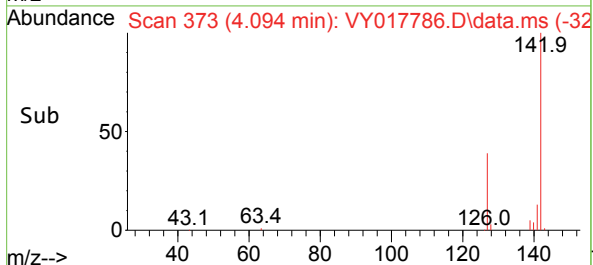
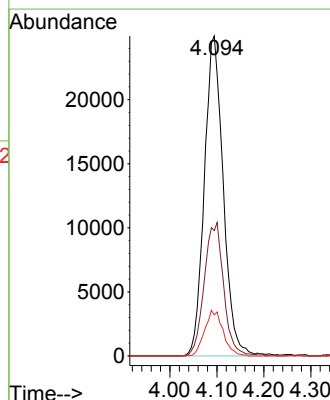
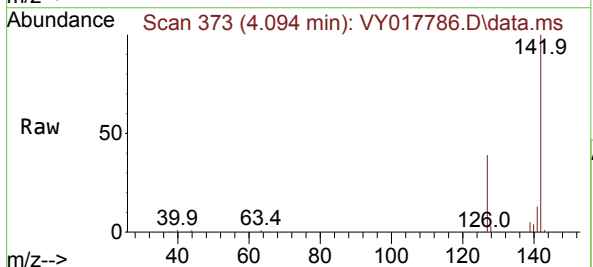
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

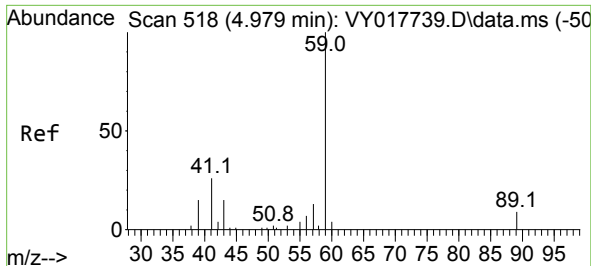
Tgt Ion:101 Resp: 60314
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 73.0 61.7 92.5



#10
Methyl Iodide
Concen: 44.870 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion:142 Resp: 69903
Ion Ratio Lower Upper
142 100
127 42.6 32.8 49.2
141 13.9 11.4 17.2

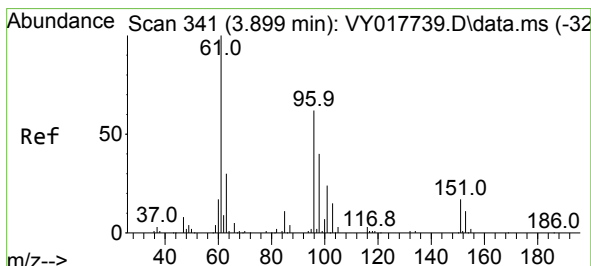
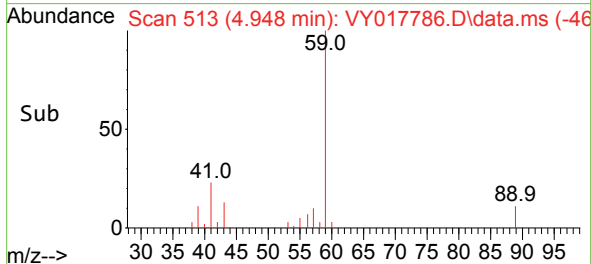
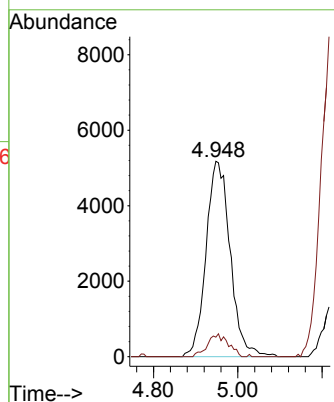
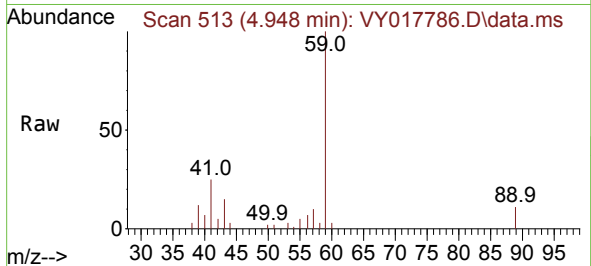




#11
Tert butyl alcohol
Concen: 282.539 ug/l
RT: 4.948 min Scan# 518
Delta R.T. -0.031 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

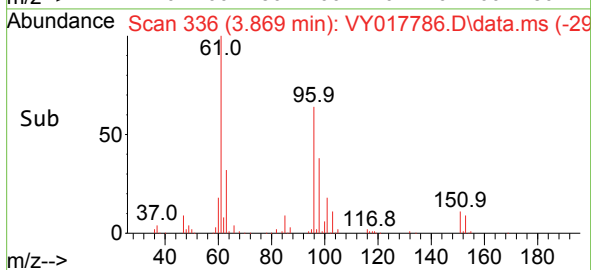
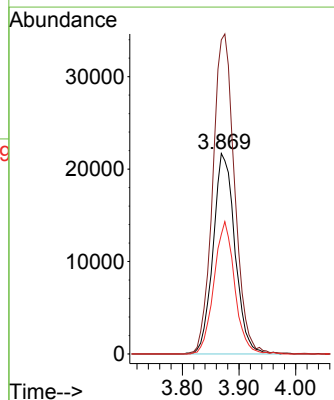
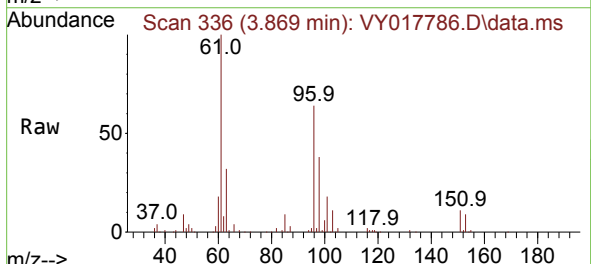
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

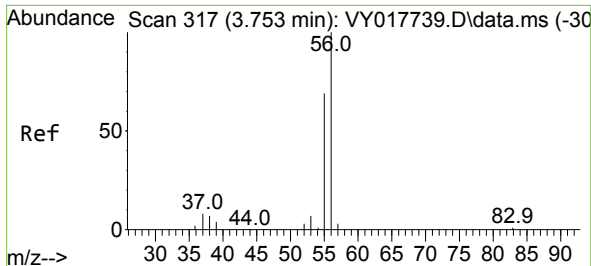
Tgt Ion: 59 Resp: 20565
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.360 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.031 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 96 Resp: 57973
Ion Ratio Lower Upper
96 100
61 156.7 114.6 171.8
98 59.6 50.8 76.2

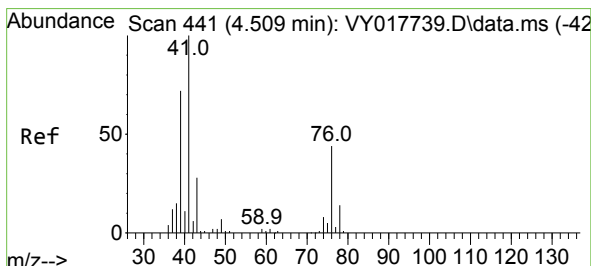
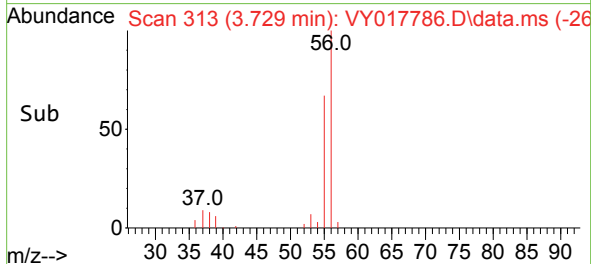
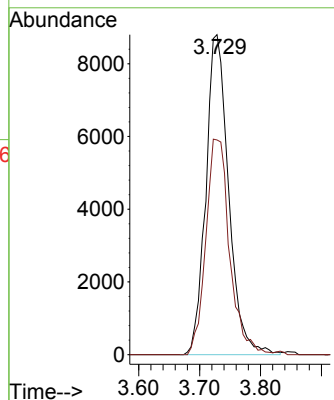
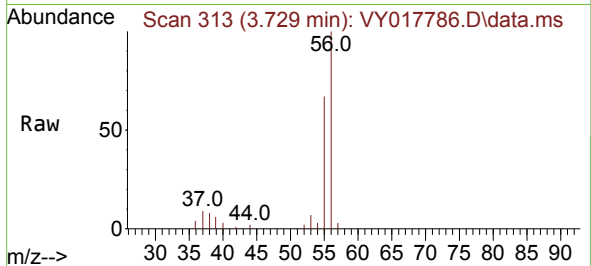




#13
Acrolein
Concen: 260.993 ug/l
RT: 3.729 min Scan# 317
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

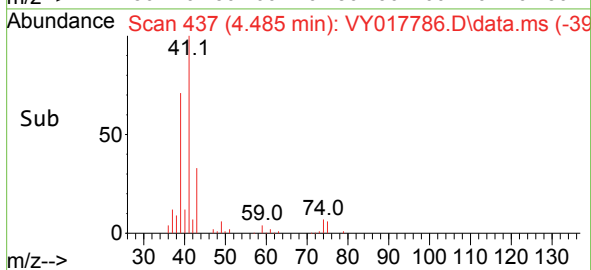
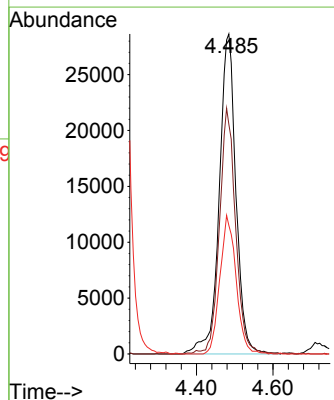
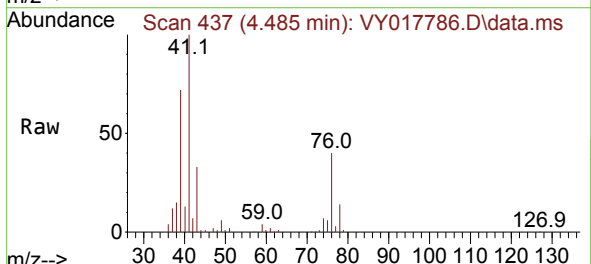
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

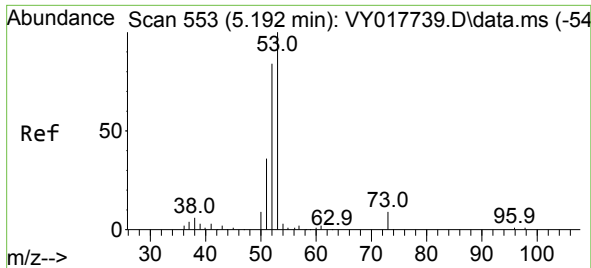
Tgt Ion: 56 Resp: 22899
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5



#14
Allyl chloride
Concen: 53.467 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 41 Resp: 86865
Ion Ratio Lower Upper
41 100
39 74.6 58.3 87.5
76 41.9 39.0 58.6

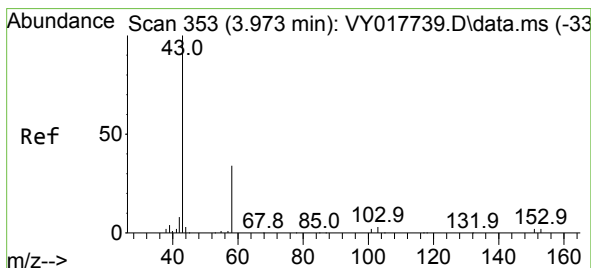
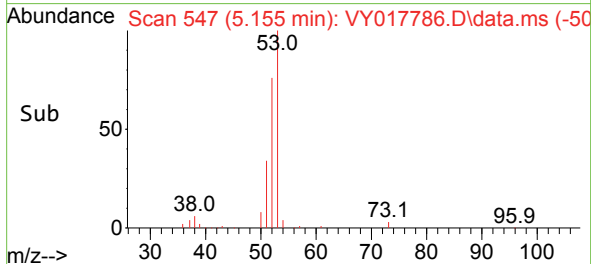
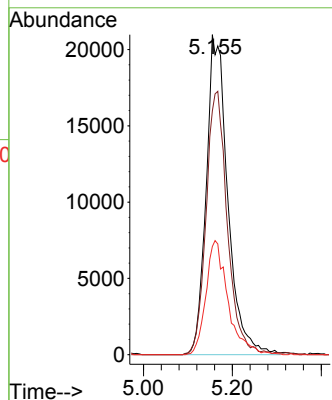
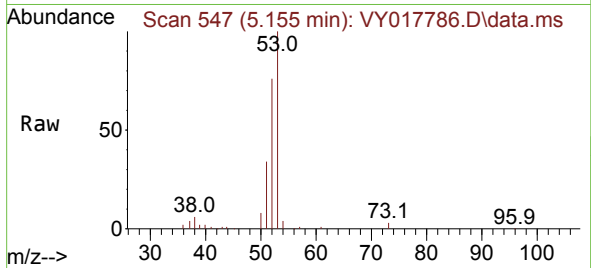




#15
Acrylonitrile
Concen: 289.246 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.037 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

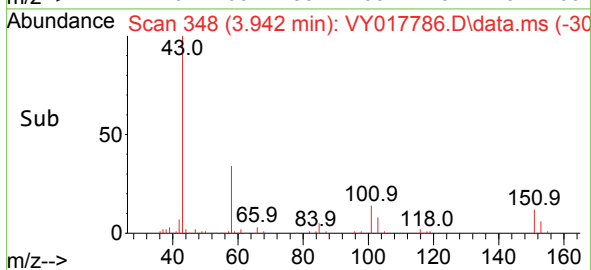
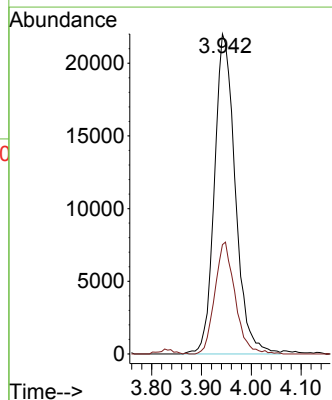
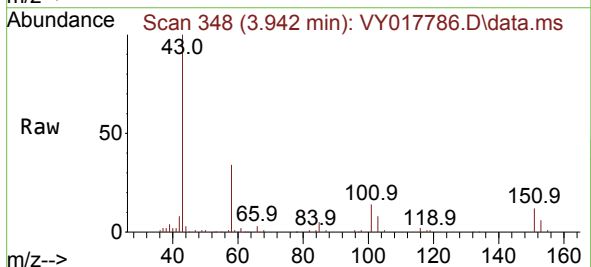
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

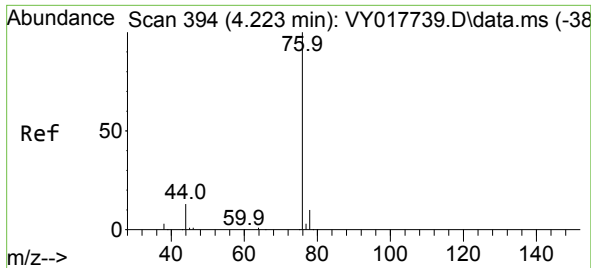
Tgt Ion: 53 Resp: 70724
Ion Ratio Lower Upper
53 100
52 80.6 64.7 97.1
51 36.7 28.4 42.6



#16
Acetone
Concen: 333.887 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.031 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 43 Resp: 63907
Ion Ratio Lower Upper
43 100
58 33.9 31.7 47.5





#17

Carbon Disulfide

Concen: 46.356 ug/l

RT: 4.198 min Scan# 394

Delta R.T. -0.025 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

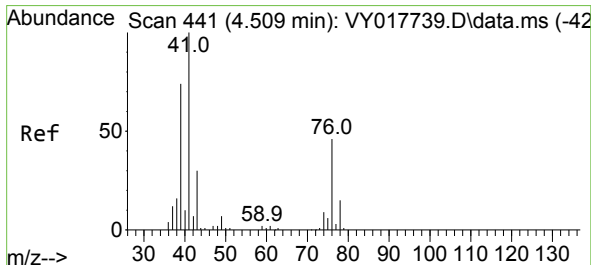
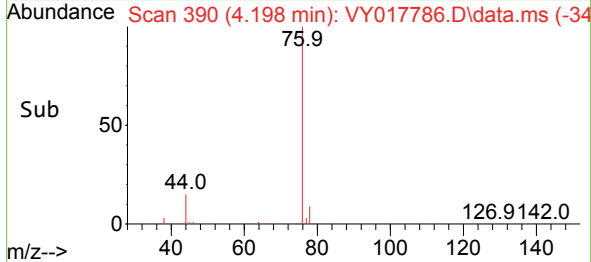
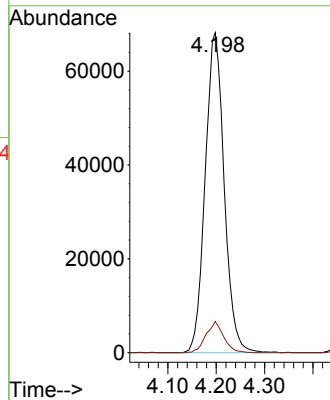
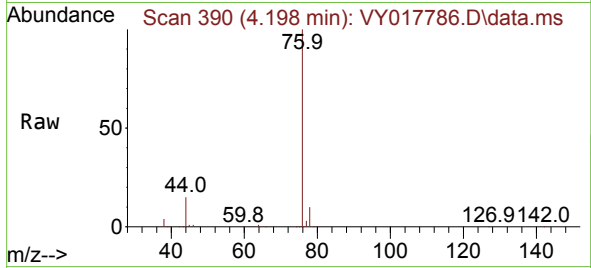
VSTDCCC050EC

Tgt Ion: 76 Resp: 185945

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2



#18

Methyl Acetate

Concen: 64.465 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.037 min

Lab File: VY017786.D

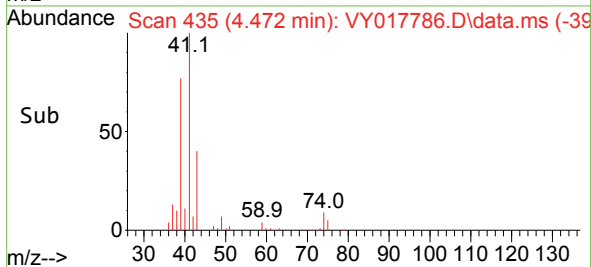
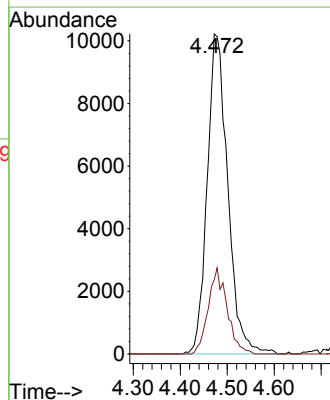
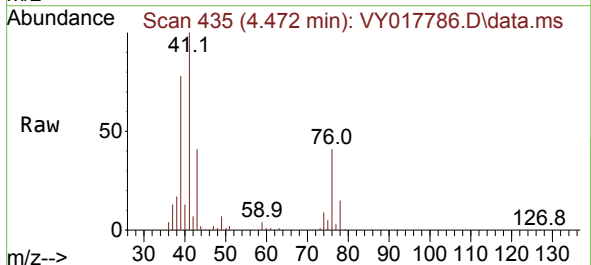
Acq: 27 Mar 2024 17:09

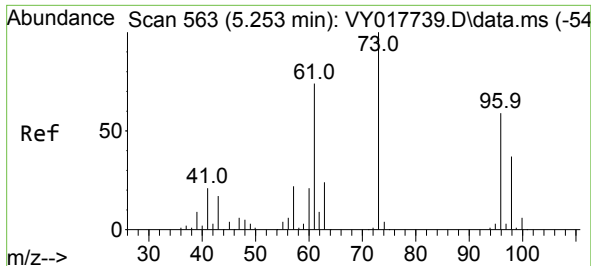
Tgt Ion: 43 Resp: 31066

Ion Ratio Lower Upper

43 100

74 24.6 23.3 34.9

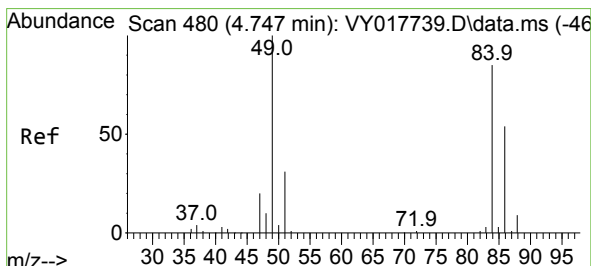
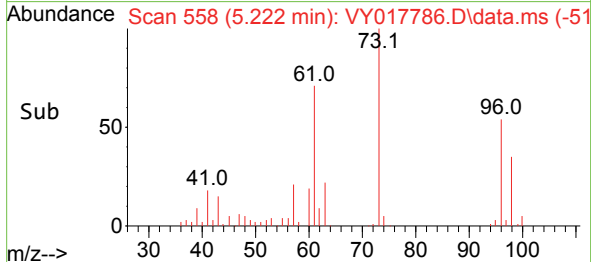
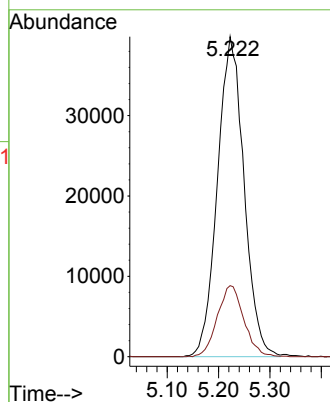
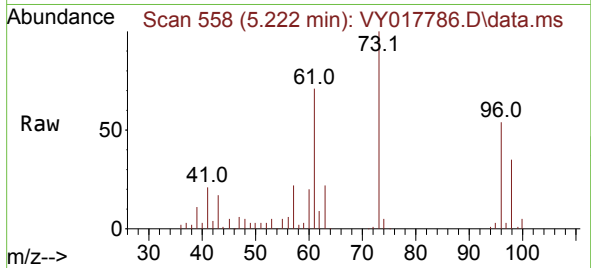




#19
Methyl tert-butyl Ether
Concen: 55.318 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.031 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

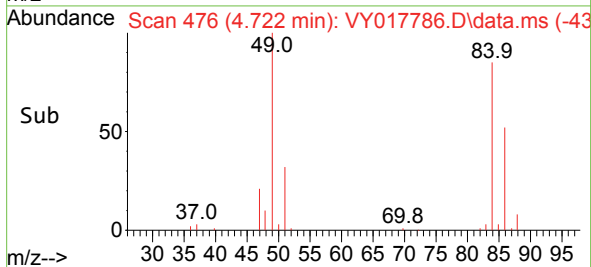
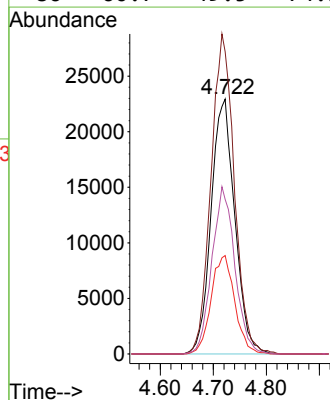
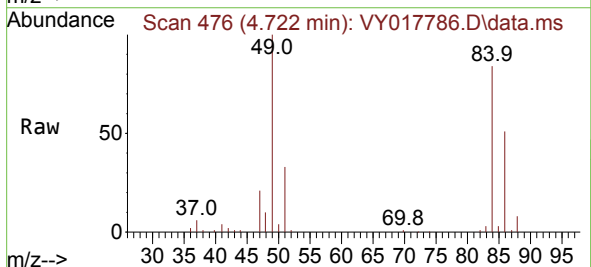
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

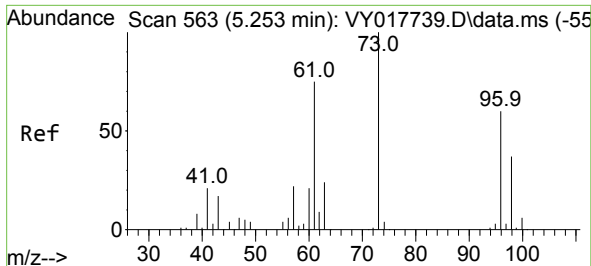
Tgt Ion: 73 Resp: 142984
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 51.210 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 84 Resp: 71285
Ion Ratio Lower Upper
84 100
49 118.6 84.4 126.6
51 38.6 26.0 39.0
86 60.7 49.5 74.3

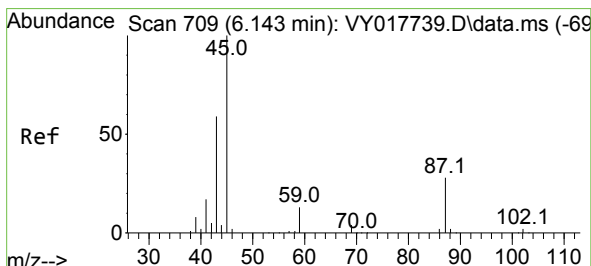
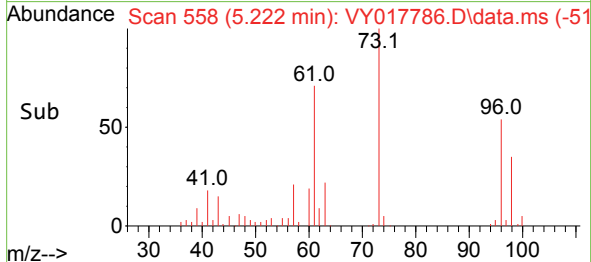
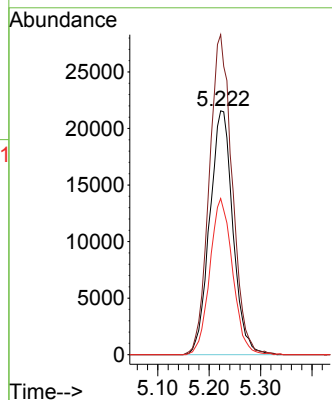
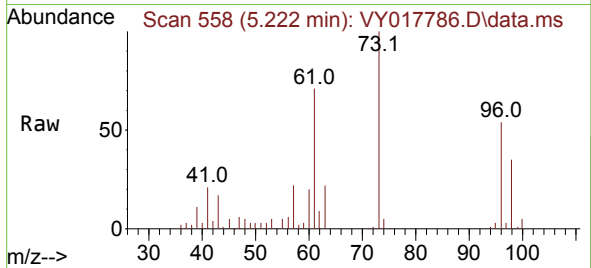




#21
trans-1,2-Dichloroethene
Concen: 49.464 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.031 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

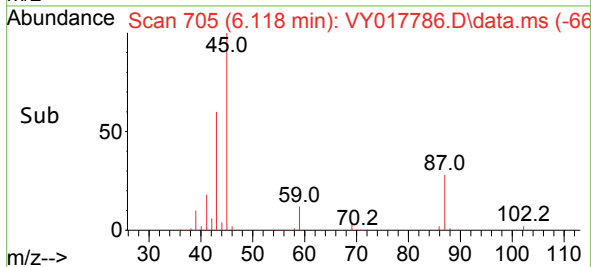
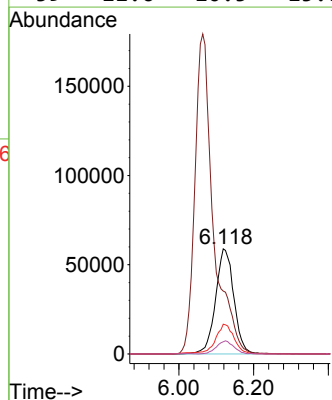
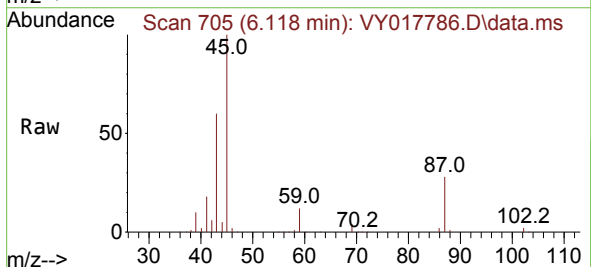
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

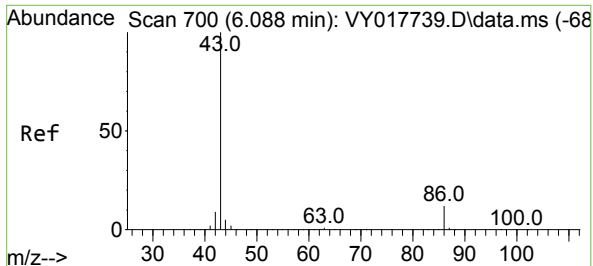
Tgt Ion: 96 Resp: 67600
Ion Ratio Lower Upper
96 100
61 131.2 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 56.475 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 45 Resp: 199773
Ion Ratio Lower Upper
45 100
43 59.3 42.2 63.2
87 28.3 25.0 37.6
59 11.6 10.5 15.7

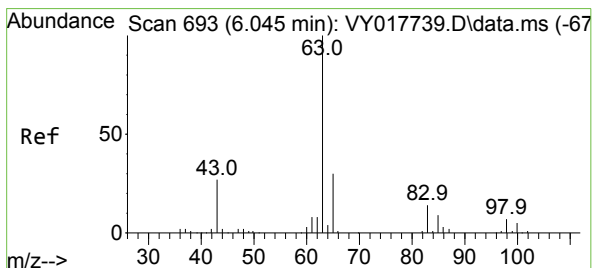
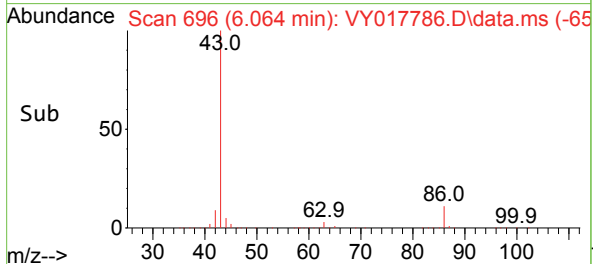
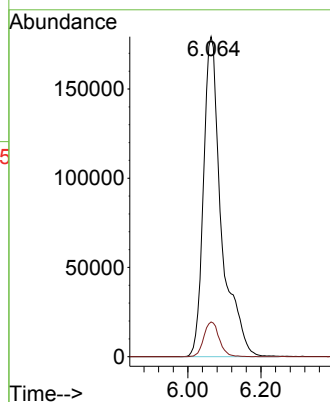
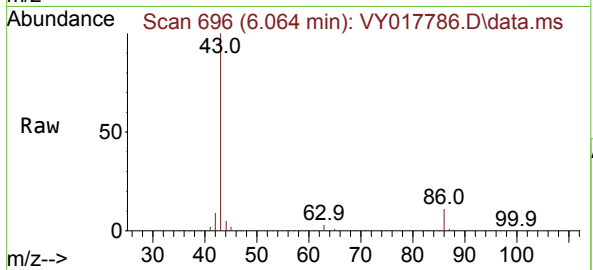




#23
 Vinyl Acetate
 Concen: 293.843 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.025 min
 Lab File: VY017786.D
 Acq: 27 Mar 2024 17:09

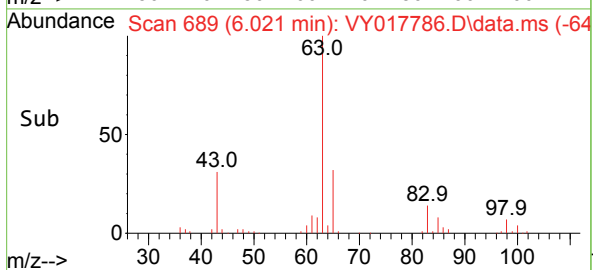
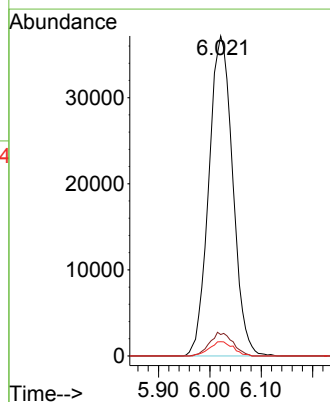
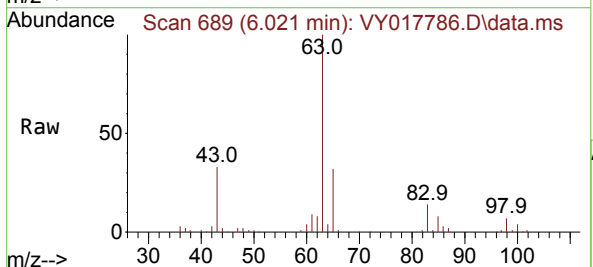
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

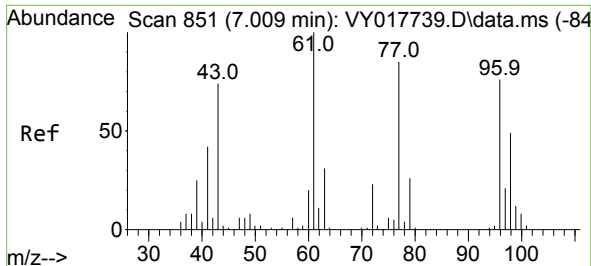
Tgt Ion: 43 Resp: 610504
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.596 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.025 min
 Lab File: VY017786.D
 Acq: 27 Mar 2024 17:09

Tgt Ion: 63 Resp: 119964
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 4.5 2.6 8.0

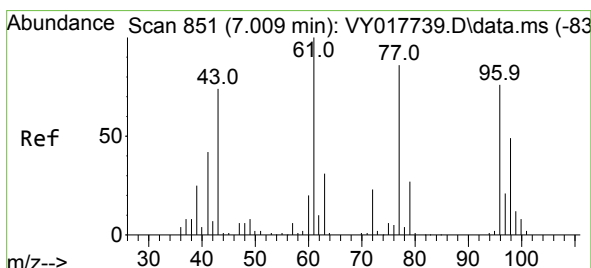
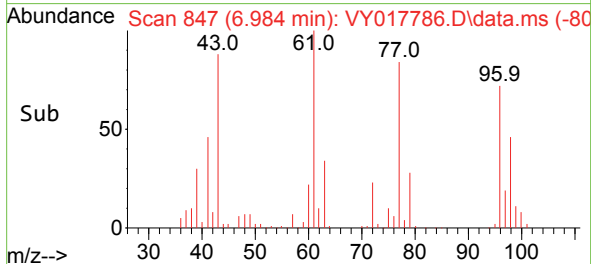
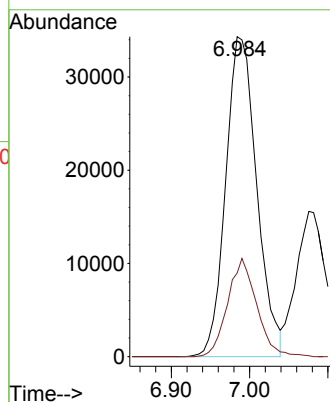
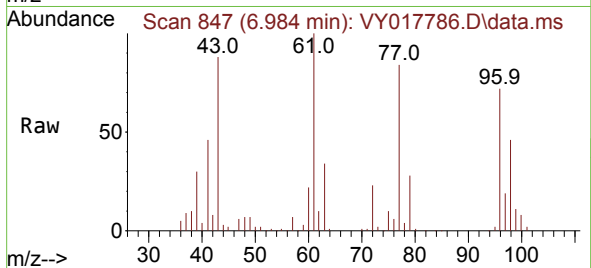




#25
2-Butanone
Concen: 289.594 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

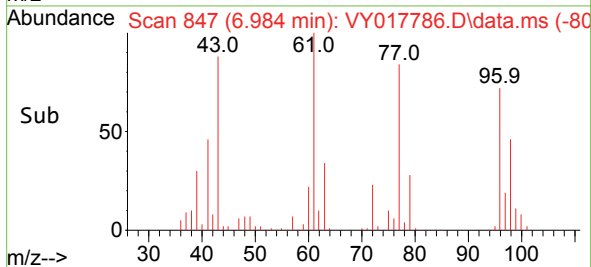
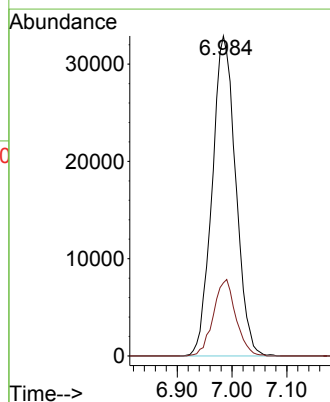
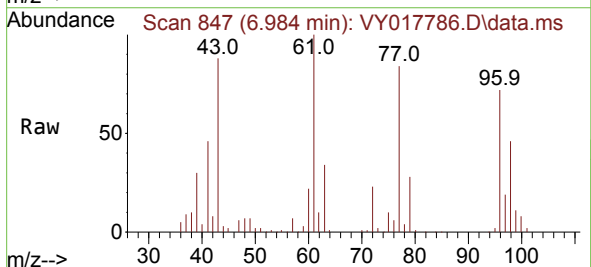
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

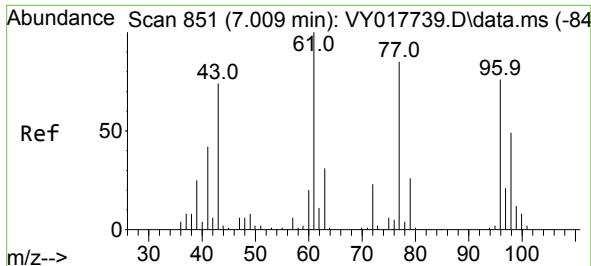
Tgt Ion: 43 Resp: 94581
Ion Ratio Lower Upper
43 100
72 26.1 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 49.639 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 77 Resp: 98103
Ion Ratio Lower Upper
77 100
97 22.9 12.0 36.1

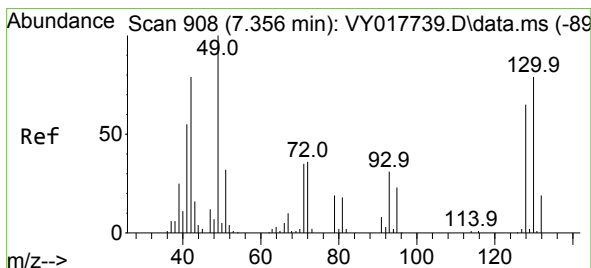
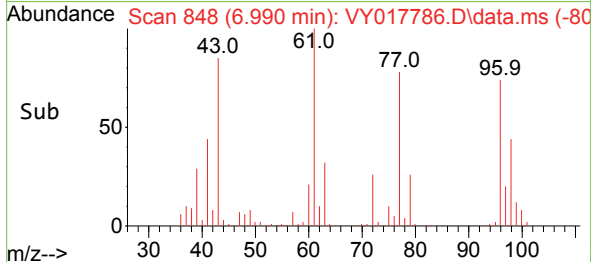
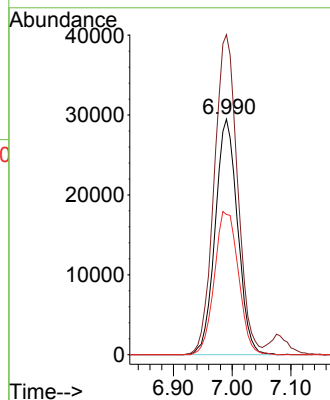
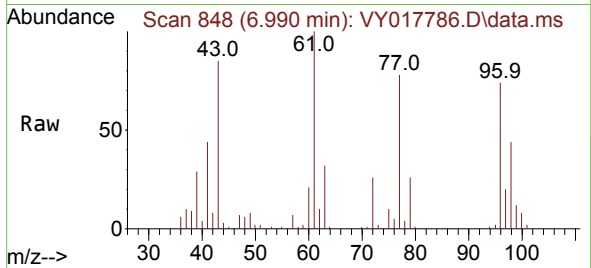




#27
 cis-1,2-Dichloroethene
 Concen: 50.495 ug/l
 RT: 6.990 min Scan# 84
 Delta R.T. -0.018 min
 Lab File: VY017786.D
 Acq: 27 Mar 2024 17:09

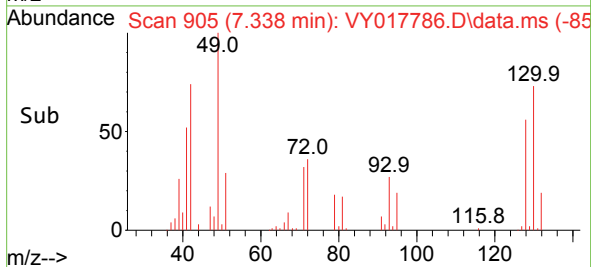
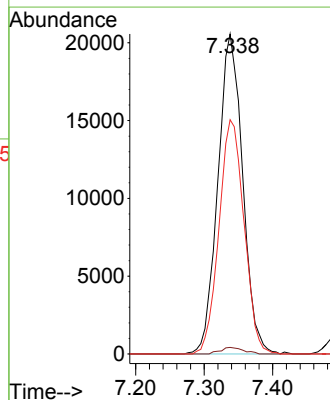
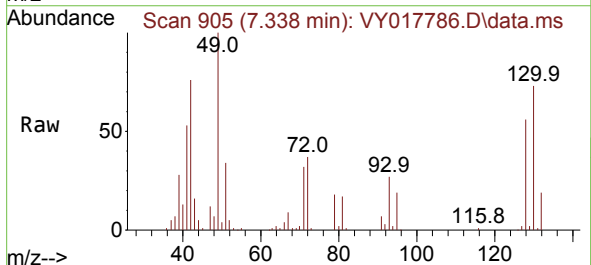
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

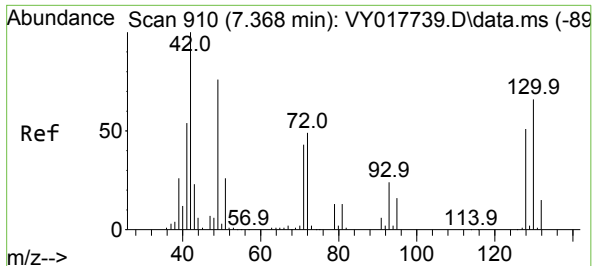
Tgt Ion: 96 Resp: 78058
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 256.2
 98 65.3 0.0 130.0



#28
 Bromochloromethane
 Concen: 57.153 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.018 min
 Lab File: VY017786.D
 Acq: 27 Mar 2024 17:09

Tgt Ion: 49 Resp: 51516
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 74.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 286.407 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.018 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

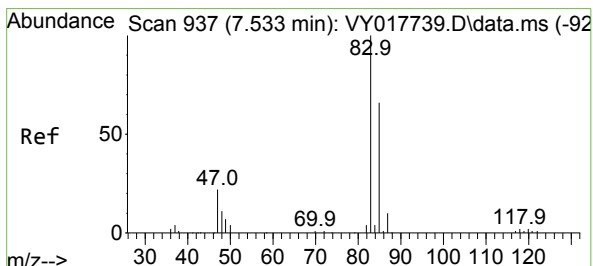
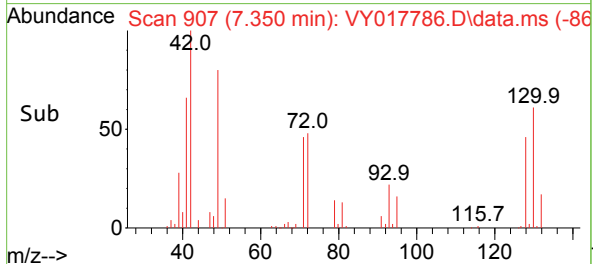
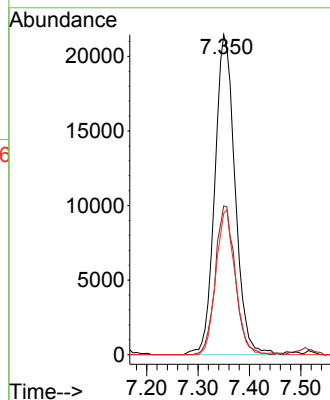
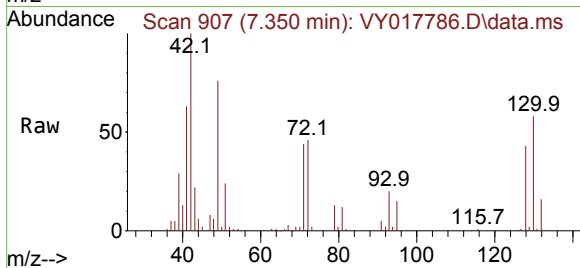
Tgt Ion: 42 Resp: 58700

Ion Ratio Lower Upper

42 100

72 45.6 43.0 64.4

71 43.1 40.8 61.2



#30

Chloroform

Concen: 50.034 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.025 min

Lab File: VY017786.D

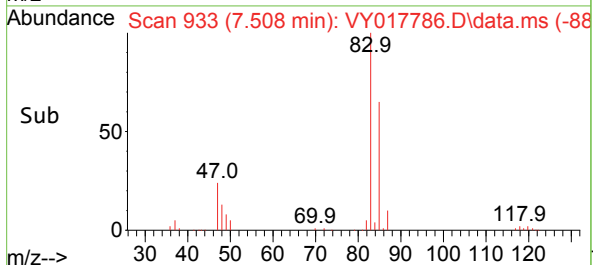
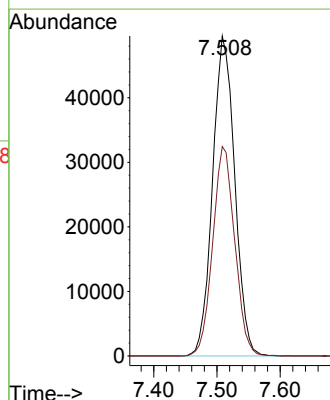
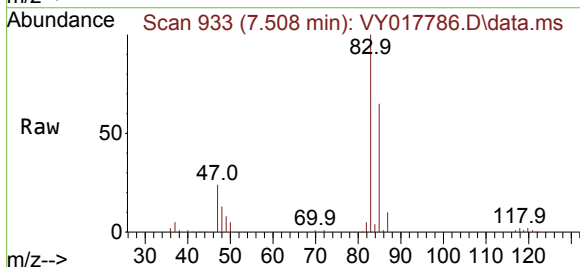
Acq: 27 Mar 2024 17:09

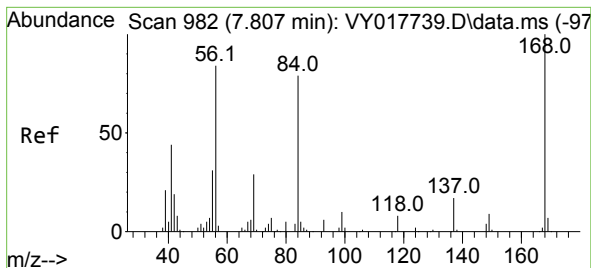
Tgt Ion: 83 Resp: 120599

Ion Ratio Lower Upper

83 100

85 65.5 52.2 78.4





#31

Cyclohexane

Concen: 48.365 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.018 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

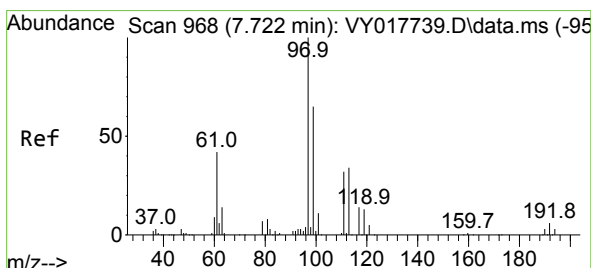
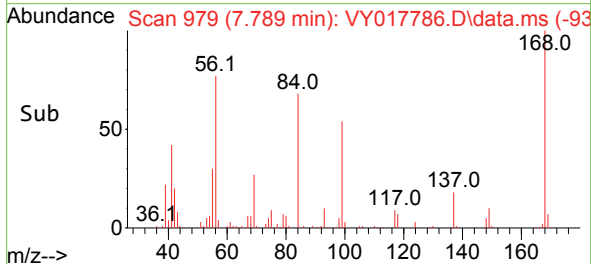
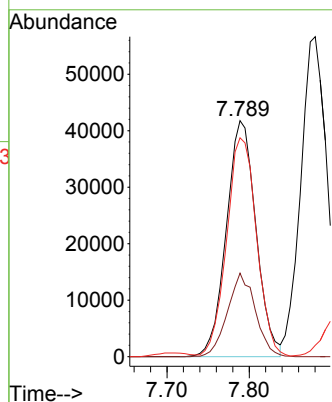
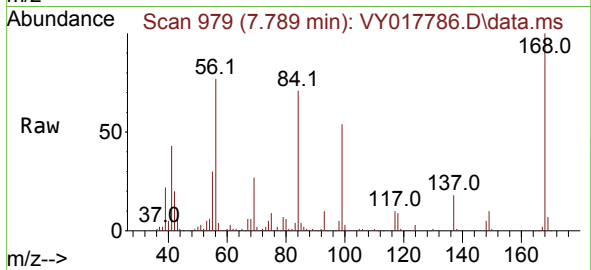
Tgt Ion: 56 Resp: 104677

Ion Ratio Lower Upper

56 100

69 35.4 28.7 43.1

84 91.2 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 48.140 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

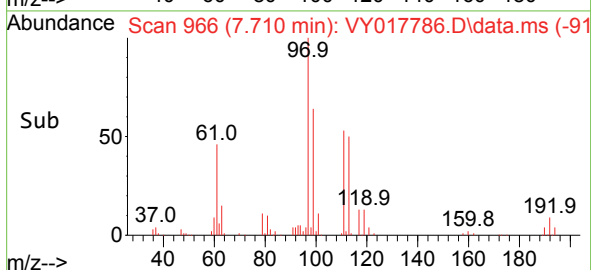
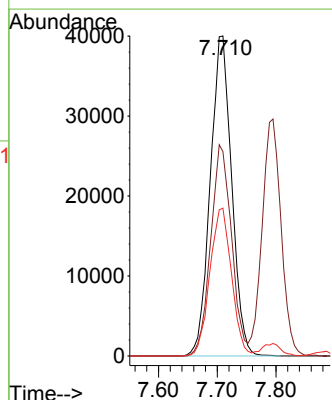
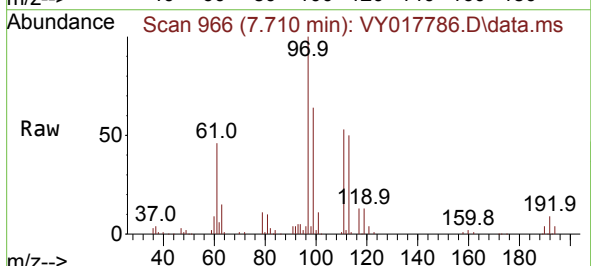
Tgt Ion: 97 Resp: 101053

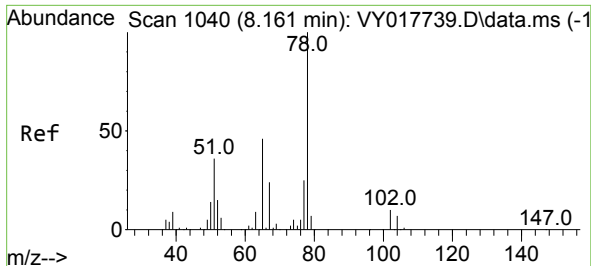
Ion Ratio Lower Upper

97 100

99 64.6 50.3 75.5

61 46.8 32.6 48.8

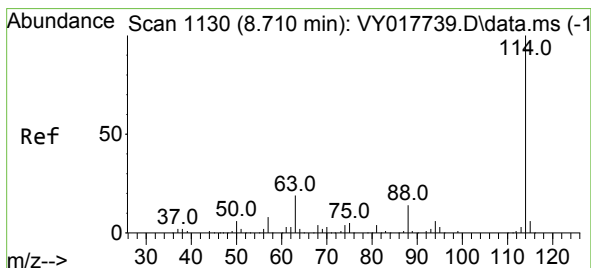
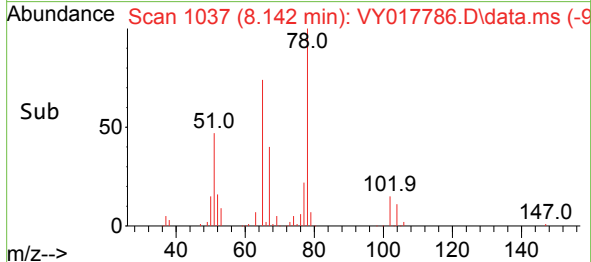
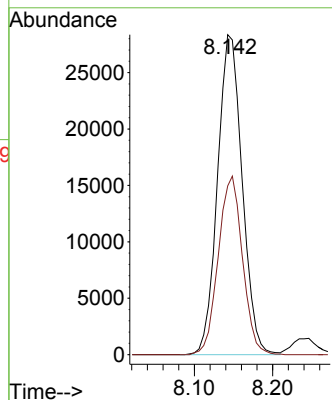
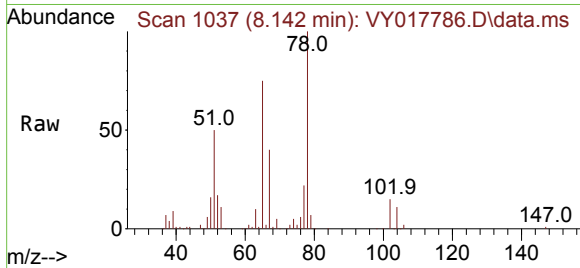




#33
1,2-Dichloroethane-d4
Concen: 56.753 ug/l
RT: 8.142 min Scan# 1105
Delta R.T. -0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

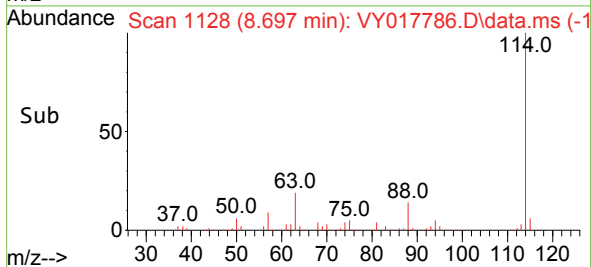
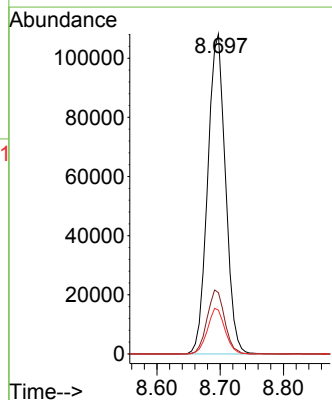
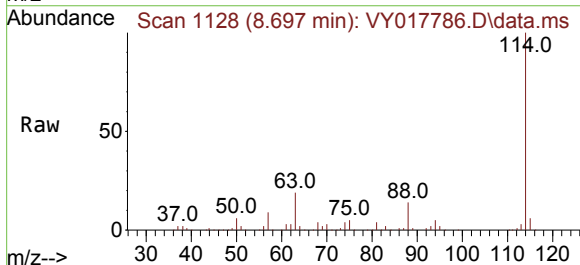
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

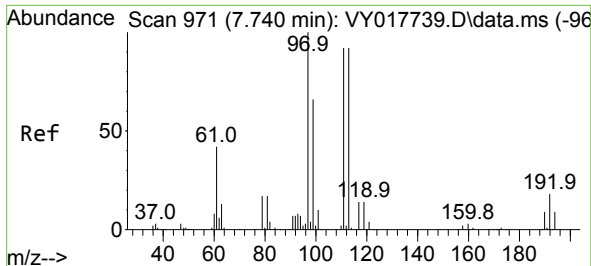
Tgt Ion: 65 Resp: 62105
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 114 Resp: 211216
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.0
88 13.7 0.0 27.2

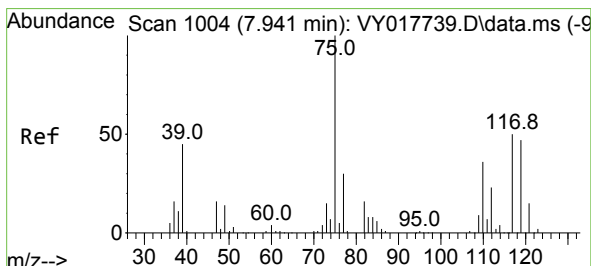
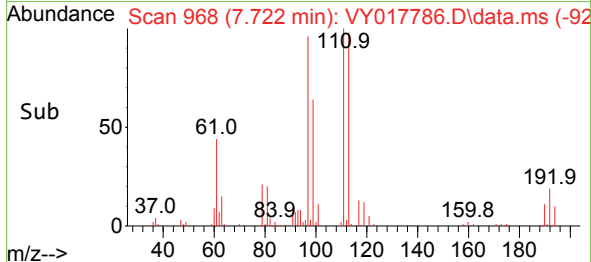
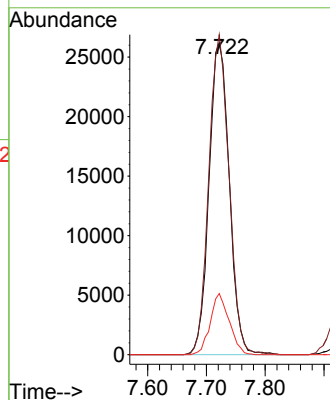
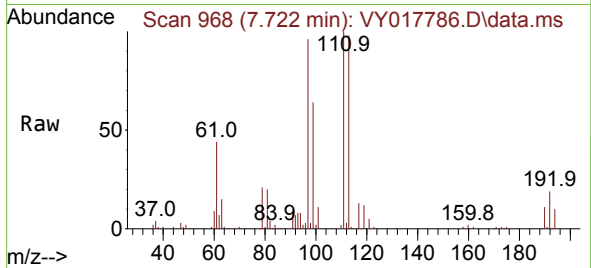




#35
Dibromofluoromethane
Concen: 49.814 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

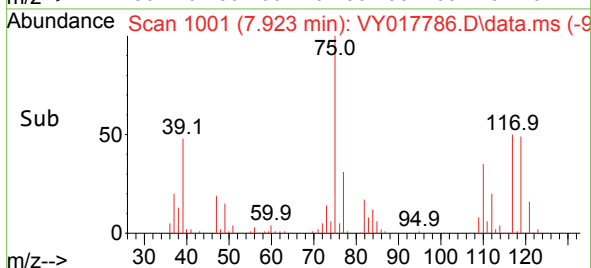
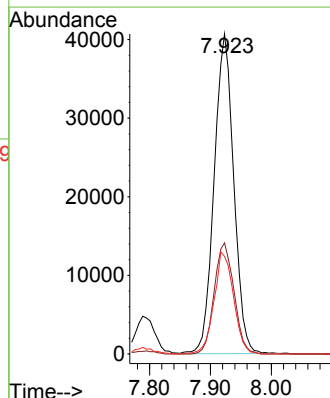
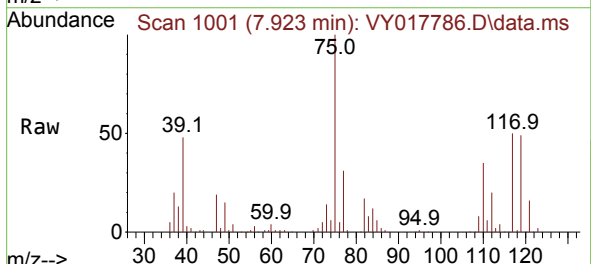
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

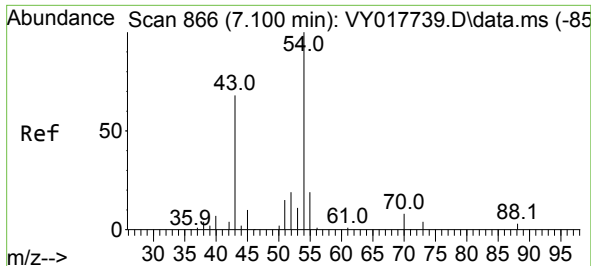
Tgt Ion:113 Resp: 62893
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.587 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 75 Resp: 90869
Ion Ratio Lower Upper
75 100
110 35.0 19.0 57.0
77 31.8 25.3 37.9

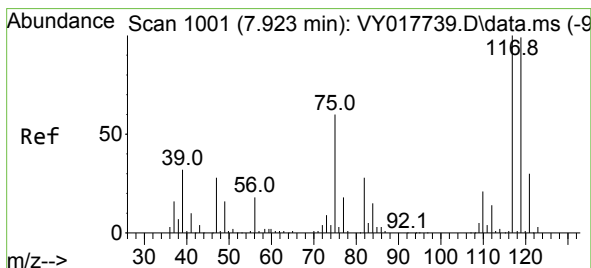
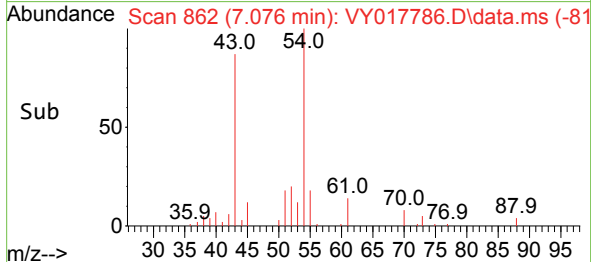
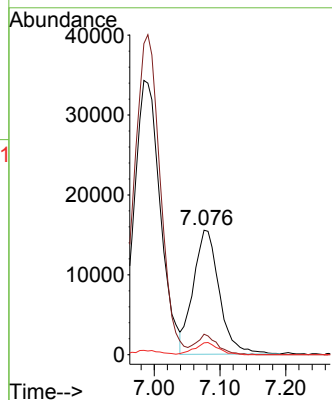
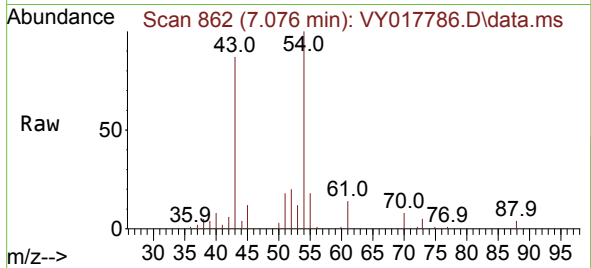




#37
Ethyl Acetate
Concen: 56.649 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.025 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

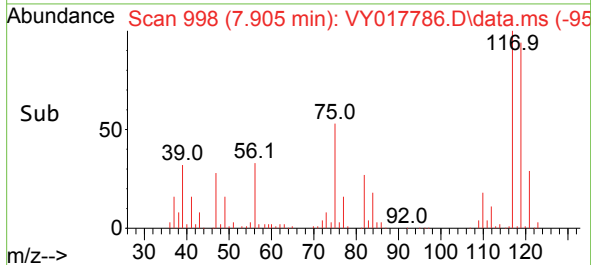
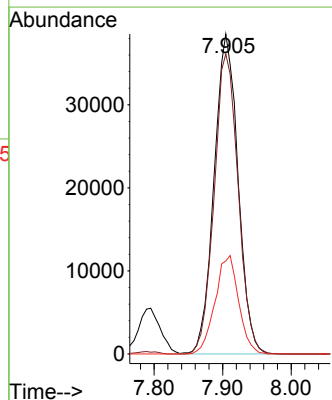
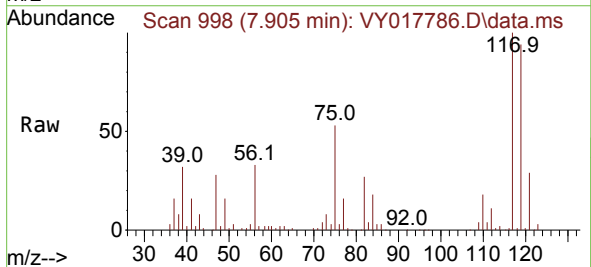
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

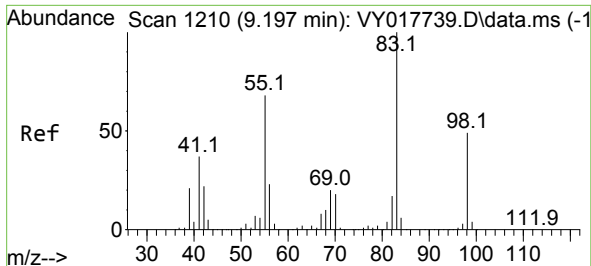
Tgt Ion:	43	Resp:	42459
Ion	Ratio	Lower	Upper
43	100		
61	13.4	12.6	19.0
70	8.9	7.8	11.8



#38
Carbon Tetrachloride
Concen: 45.609 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion:	117	Resp:	93150
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.6
121	29.0	24.0	36.0





#39

Methylcyclohexane

Concen: 46.005 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

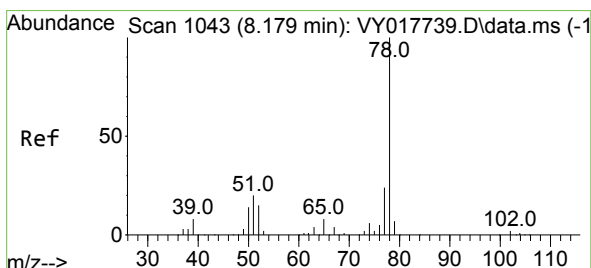
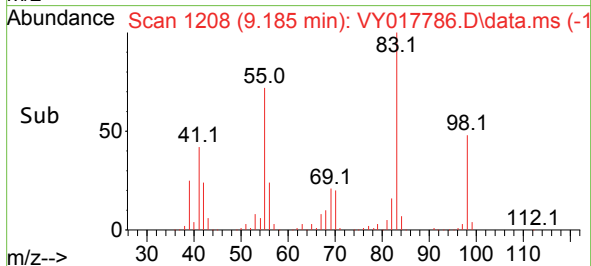
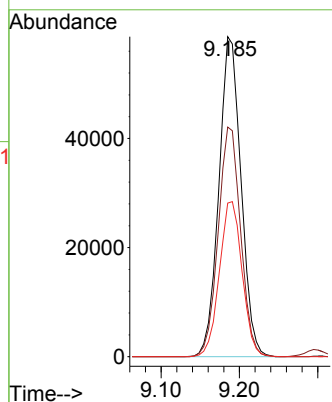
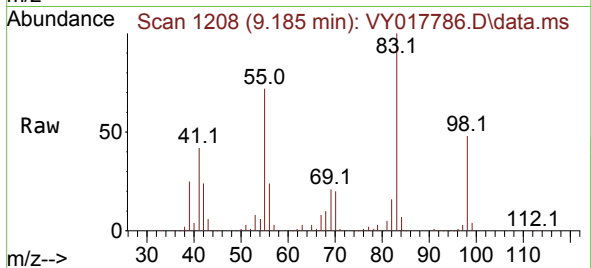
Tgt Ion: 83 Resp: 115192

Ion Ratio Lower Upper

83 100

55 71.7 51.5 77.3

98 48.0 40.5 60.7



#40

Benzene

Concen: 48.136 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VY017786.D

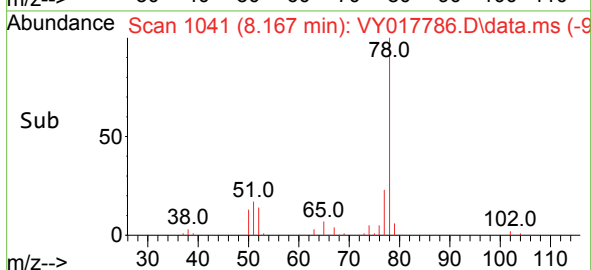
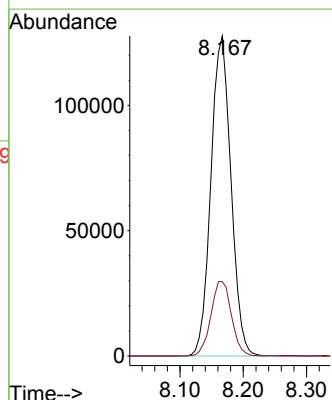
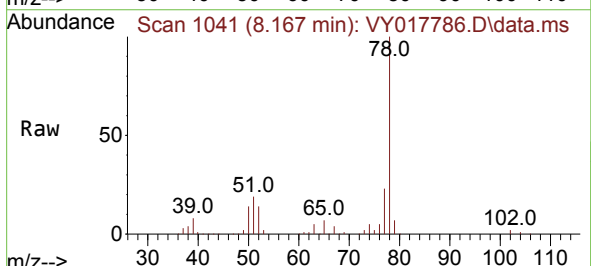
Acq: 27 Mar 2024 17:09

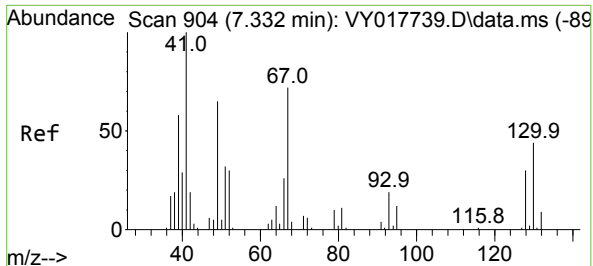
Tgt Ion: 78 Resp: 281052

Ion Ratio Lower Upper

78 100

77 23.2 19.5 29.3

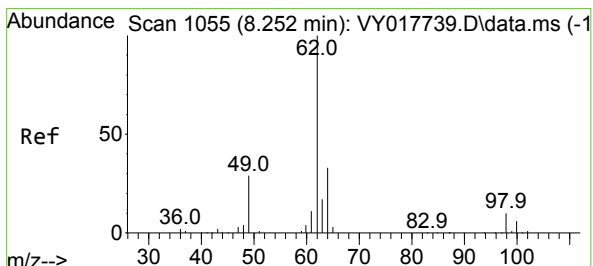
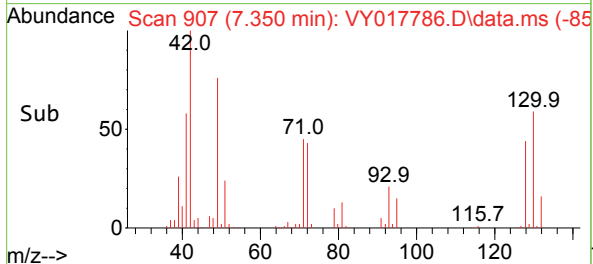
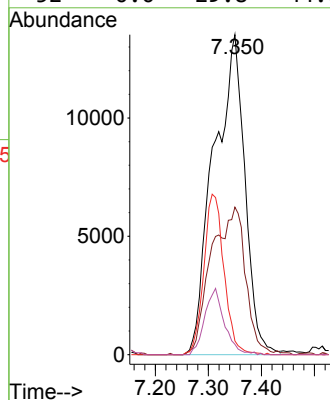
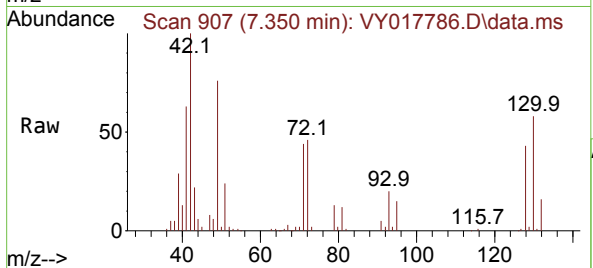




#41
Methacrylonitrile
Concen: 148.545 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

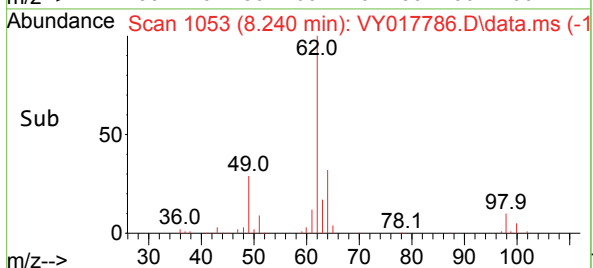
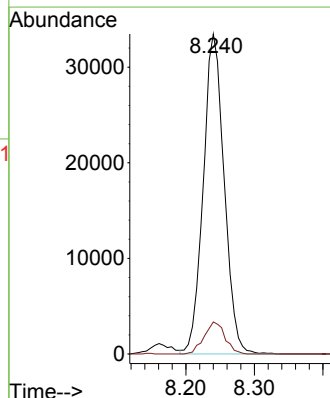
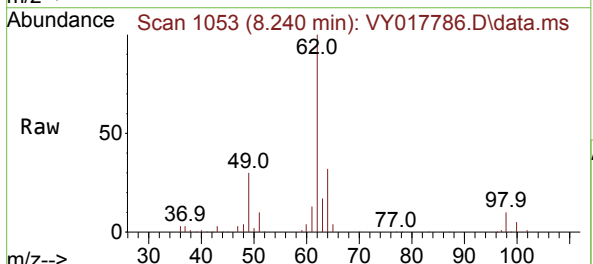
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

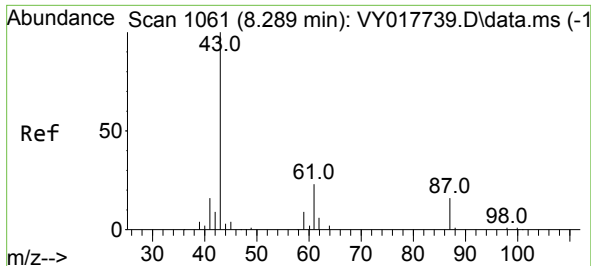
Tgt Ion:	41	Resp:	54996
Ion Ratio	Lower	Upper	
41	100		
39	50.6	48.0	72.0
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 50.897 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion:	62	Resp:	71178
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	22.0

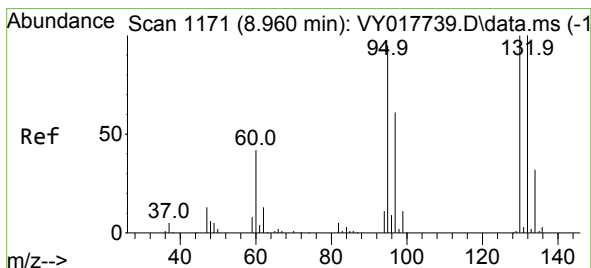
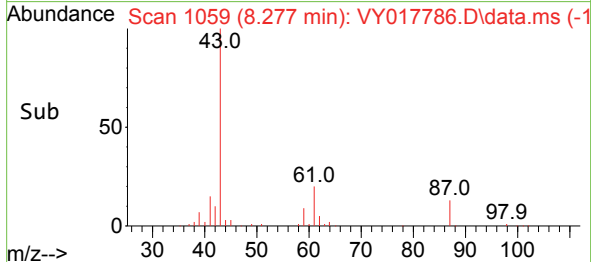
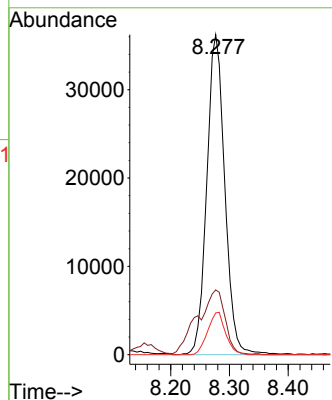
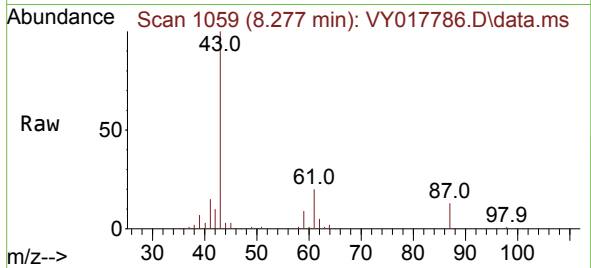




#43
Isopropyl Acetate
Concen: 51.992 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

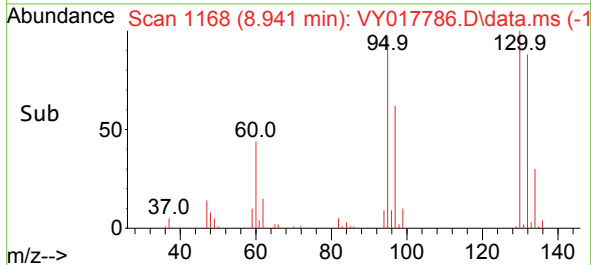
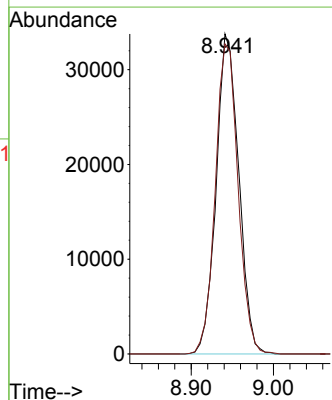
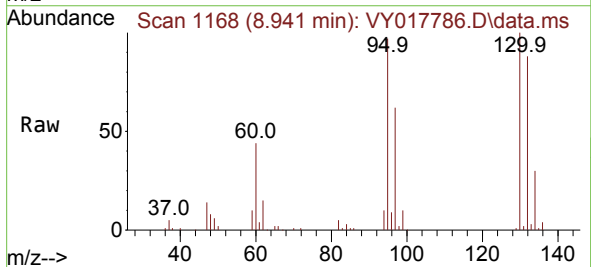
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

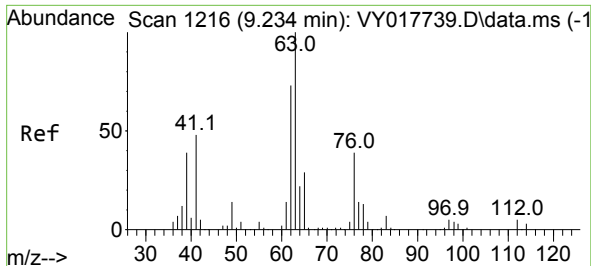
Tgt Ion: 43 Resp: 77138
Ion Ratio Lower Upper
43 100
61 30.6 27.9 41.9
87 13.2 13.1 19.7



#44
Trichloroethene
Concen: 42.294 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.018 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 130 Resp: 64591
Ion Ratio Lower Upper
130 100
95 96.9 0.0 188.0

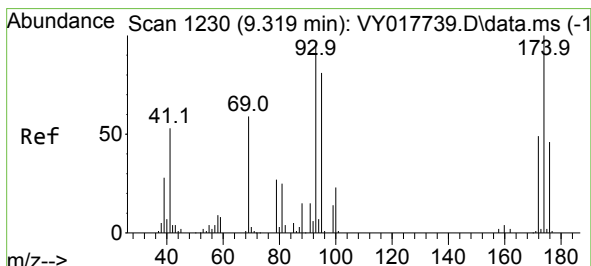
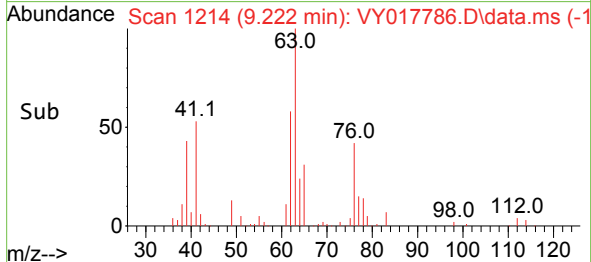
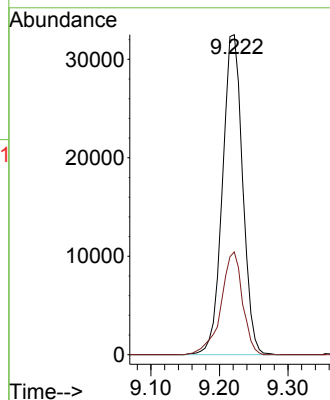
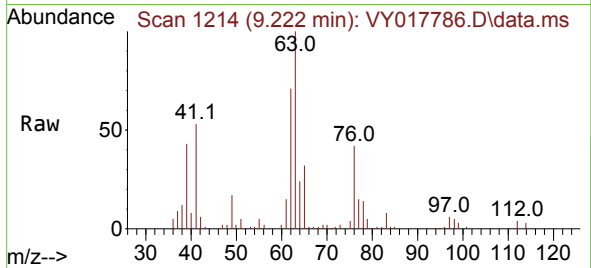




#45
1,2-Dichloropropane
Concen: 49.779 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

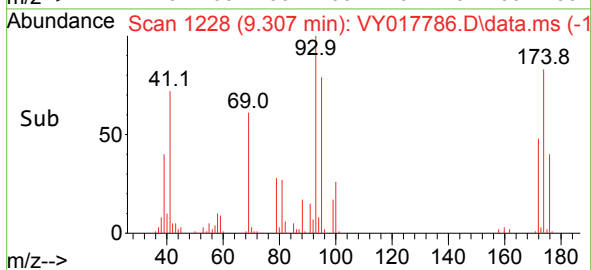
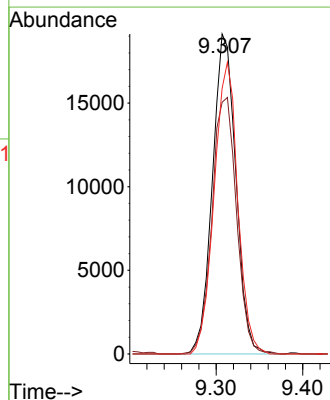
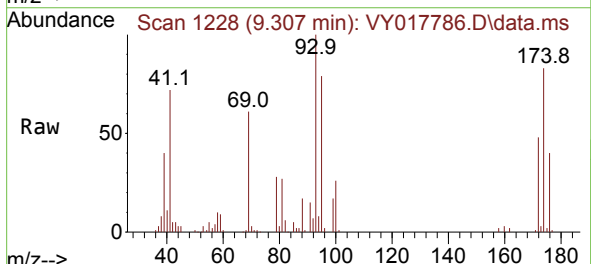
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

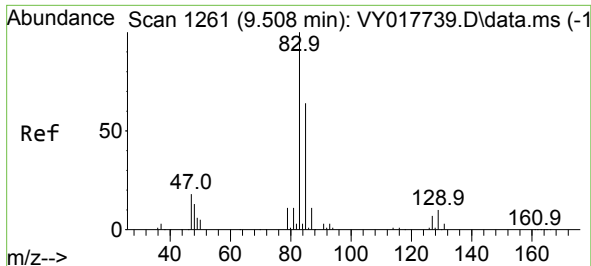
Tgt Ion: 63 Resp: 66222
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.2



#46
Dibromomethane
Concen: 48.484 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 93 Resp: 35942
Ion Ratio Lower Upper
93 100
95 84.1 66.2 99.4
174 91.7 80.9 121.3

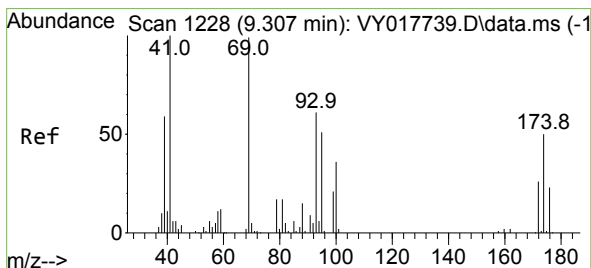
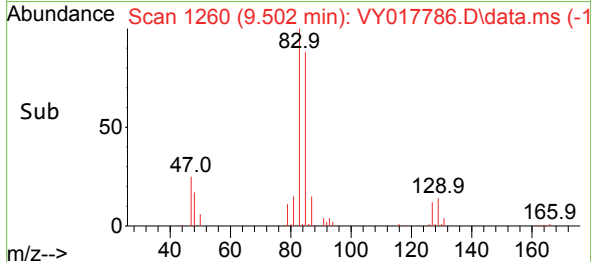
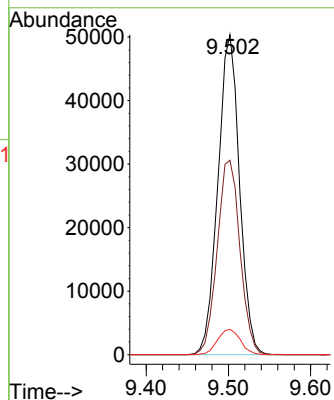
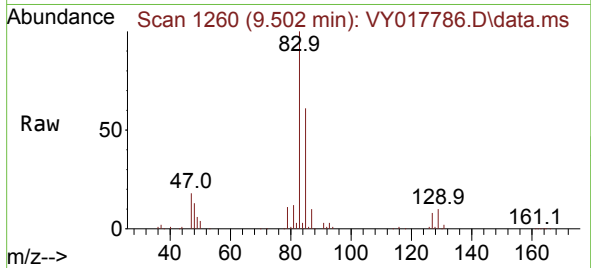




#47
Bromodichloromethane
Concen: 48.431 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

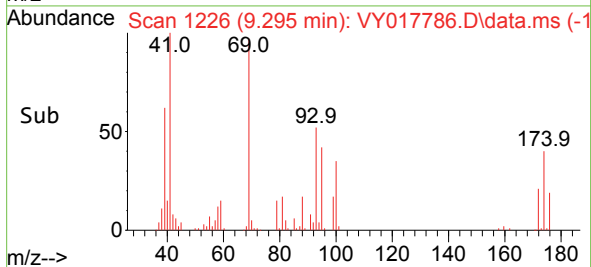
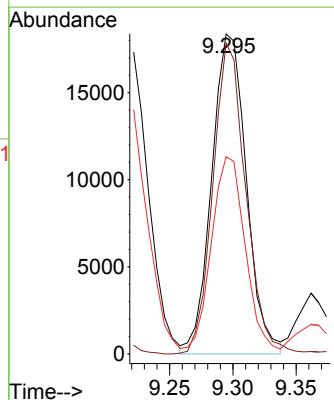
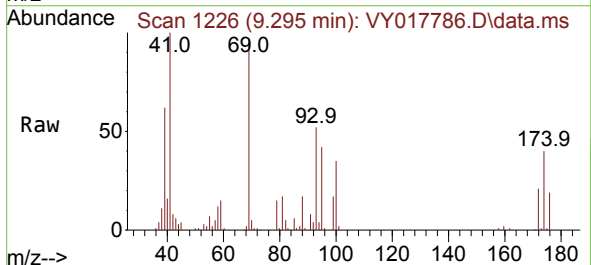
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

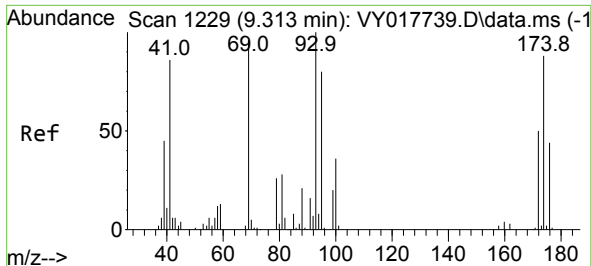
Tgt Ion: 83 Resp: 91802
Ion Ratio Lower Upper
83 100
85 60.7 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 50.758 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 41 Resp: 35025
Ion Ratio Lower Upper
41 100
69 92.6 84.1 126.1
39 57.7 43.6 65.4





#49

1,4-Dioxane

Concen: 1140.418 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

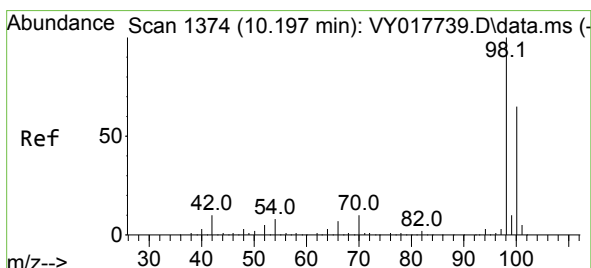
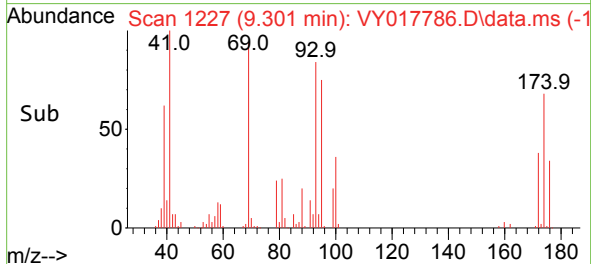
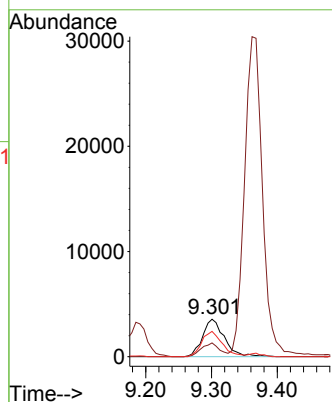
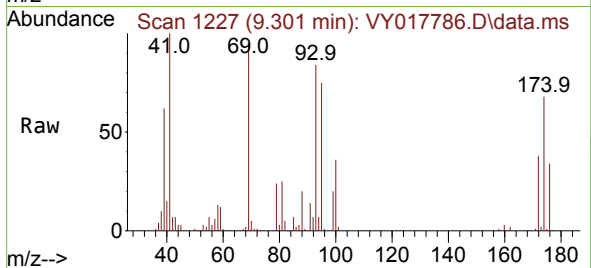
Tgt Ion: 88 Resp: 8226

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 63.7 49.3 73.9



#50

Toluene-d8

Concen: 49.540 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.012 min

Lab File: VY017786.D

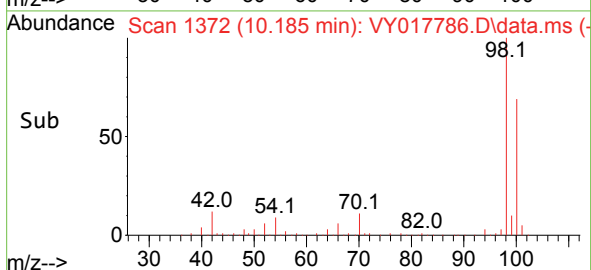
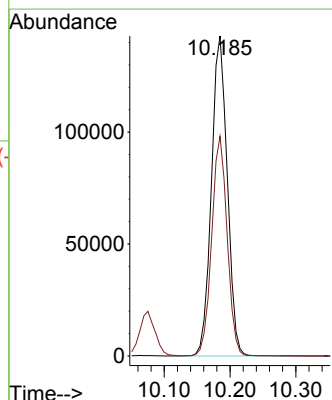
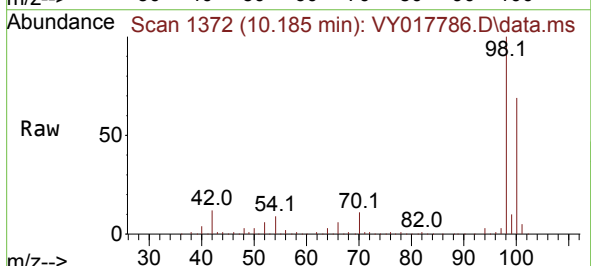
Acq: 27 Mar 2024 17:09

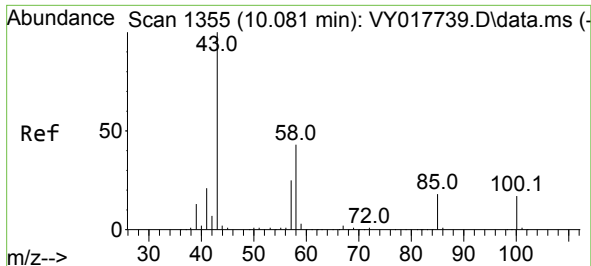
Tgt Ion: 98 Resp: 239381

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0

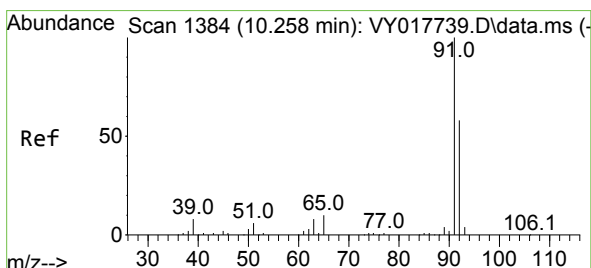
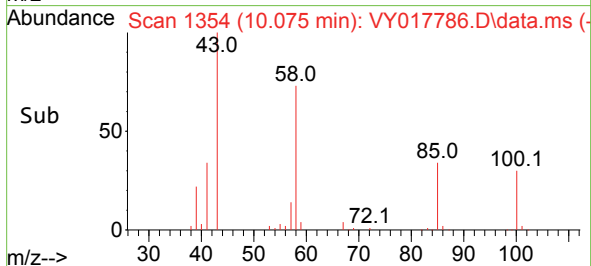
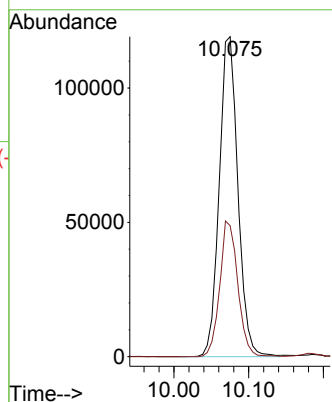
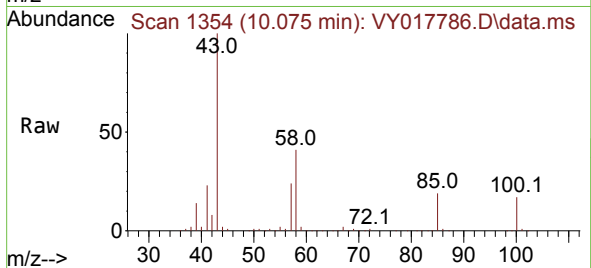




#51
4-Methyl-2-Pentanone
Concen: 259.486 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

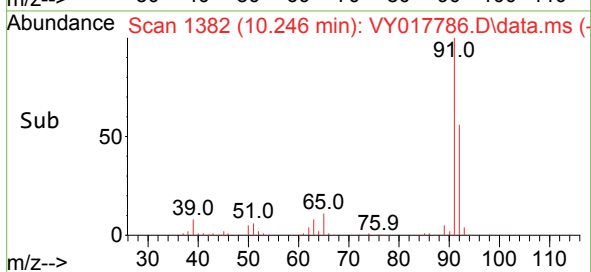
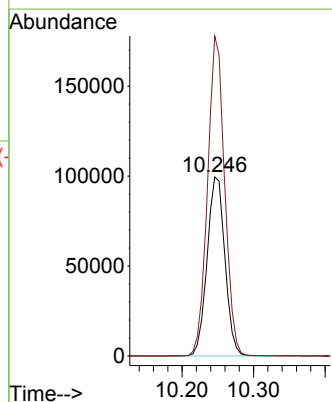
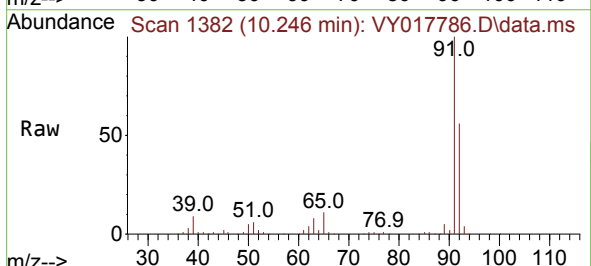
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

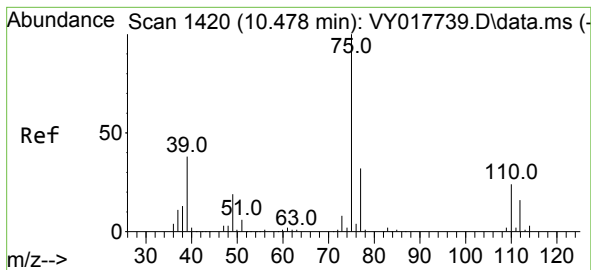
Tgt Ion: 43 Resp: 206962
Ion Ratio Lower Upper
43 100
58 41.1 35.7 53.5



#52
Toluene
Concen: 47.664 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 92 Resp: 171966
Ion Ratio Lower Upper
92 100
91 171.8 139.0 208.6

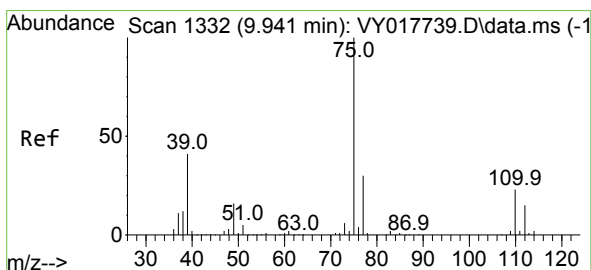
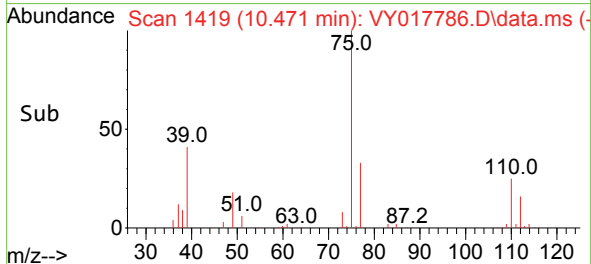
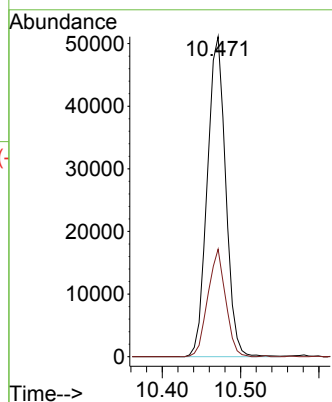
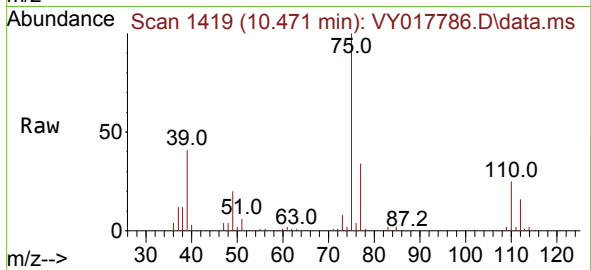




#53
t-1,3-Dichloropropene
Concen: 50.218 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

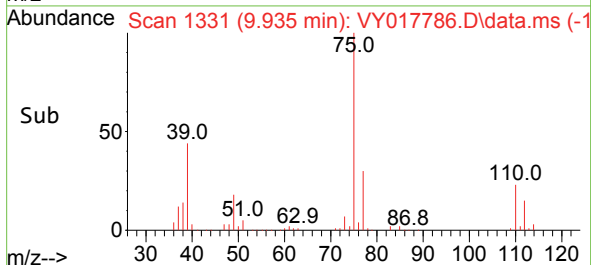
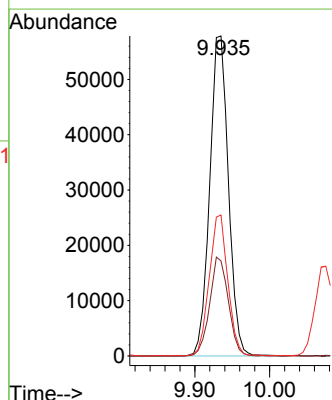
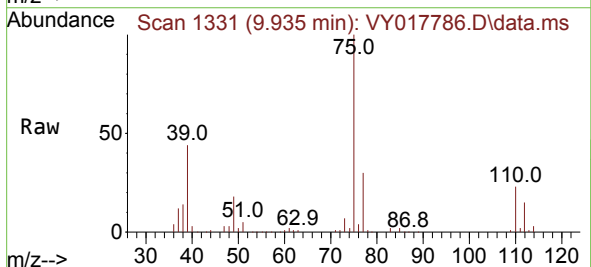
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

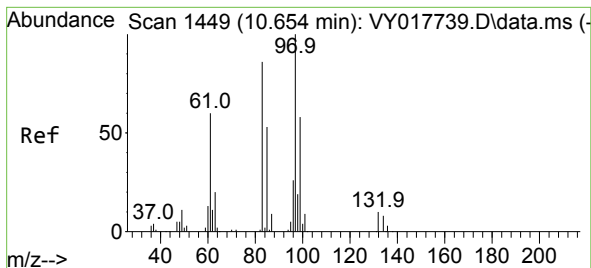
Tgt Ion: 75 Resp: 83248
Ion Ratio Lower Upper
75 100
77 33.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 49.583 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 75 Resp: 100408
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0
39 43.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 47.879 ug/l

RT: 10.648 min Scan# 1449

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 45405

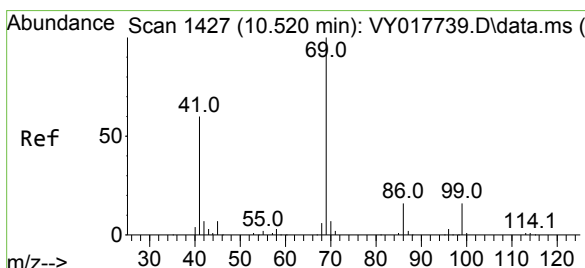
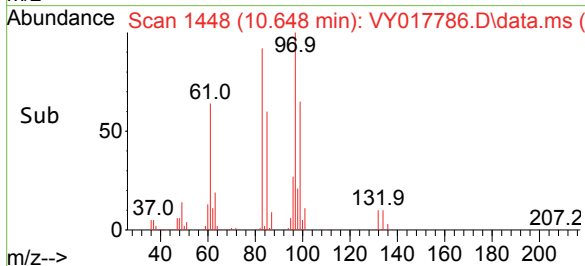
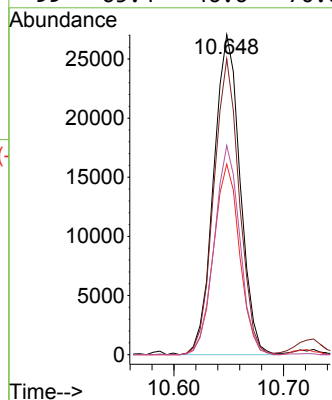
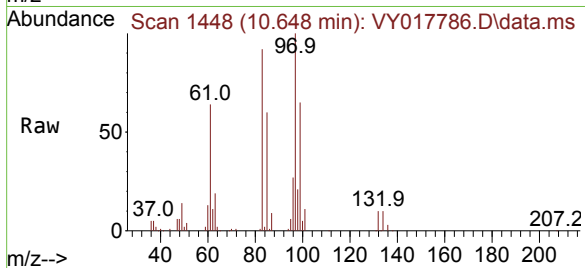
Ion Ratio Lower Upper

97 100

83 92.5 67.5 101.3

85 59.6 42.9 64.3

99 65.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 48.192 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

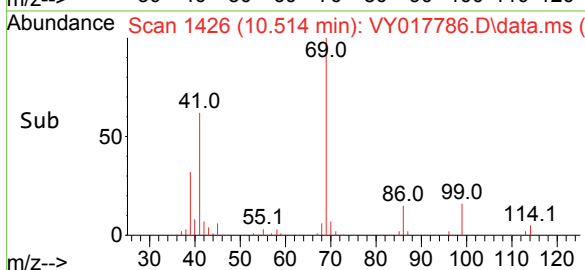
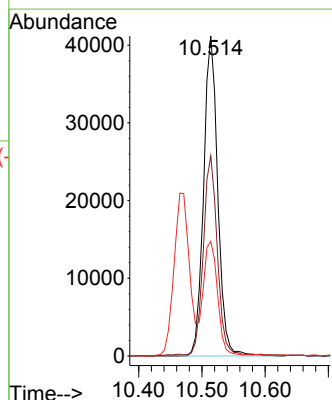
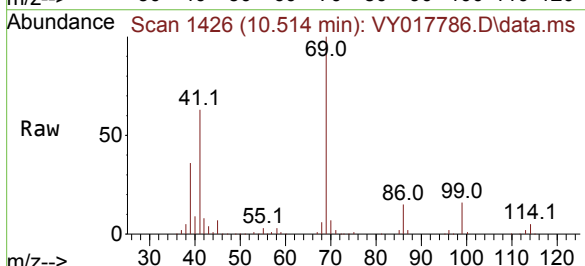
Tgt Ion: 69 Resp: 64194

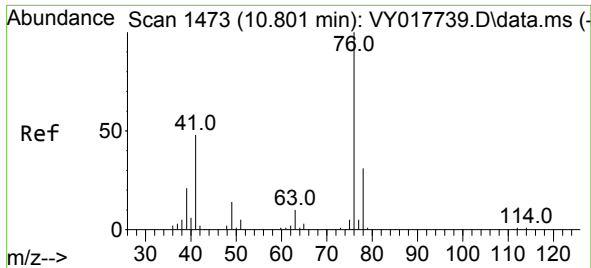
Ion Ratio Lower Upper

69 100

41 62.7 42.3 63.5

39 36.6 22.9 34.3#

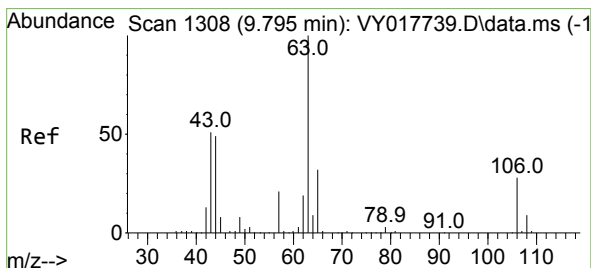
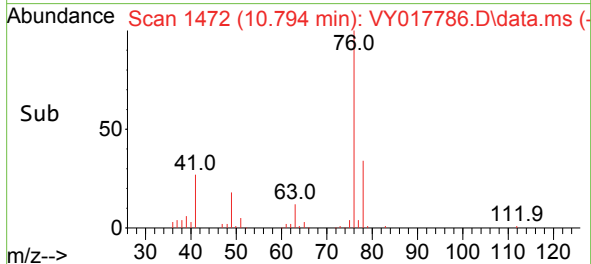
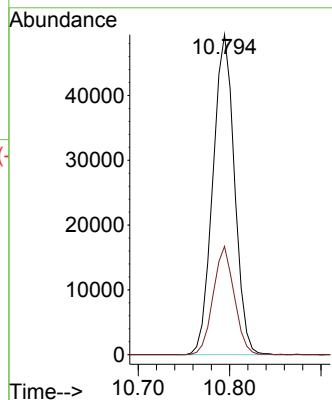
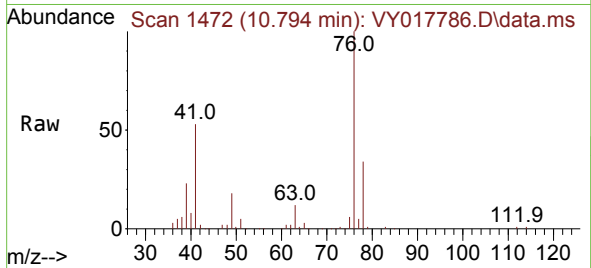




#57
1,3-Dichloropropane
Concen: 49.650 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

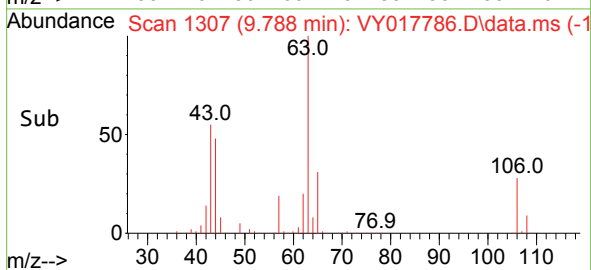
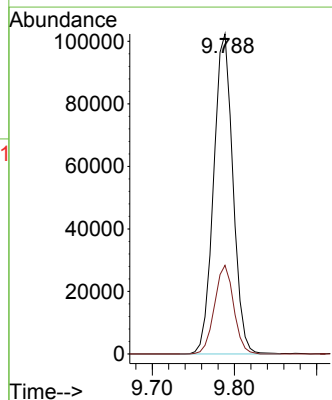
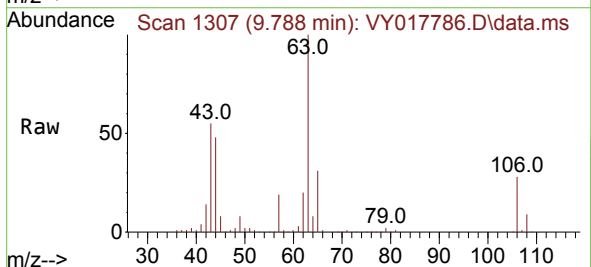
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

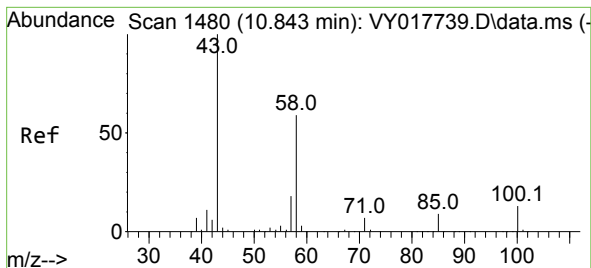
Tgt Ion: 76 Resp: 81100
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 249.107 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.007 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 63 Resp: 166804
Ion Ratio Lower Upper
63 100
106 27.5 23.7 35.5





#59

2-Hexanone

Concen: 265.286 ug/l

RT: 10.837 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

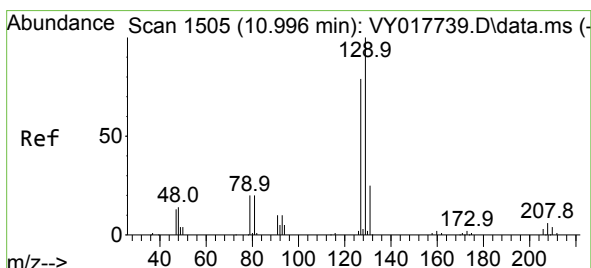
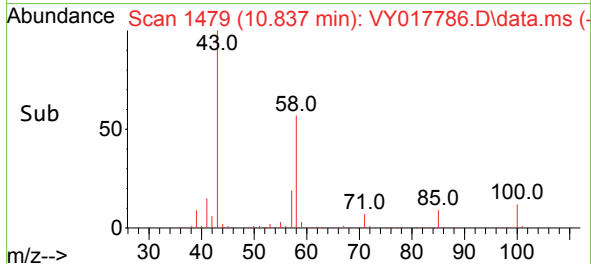
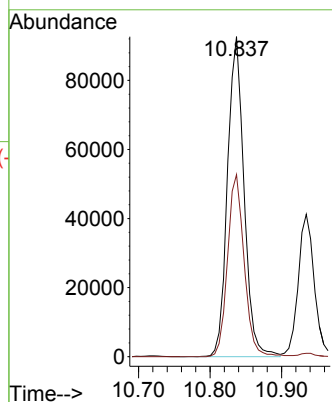
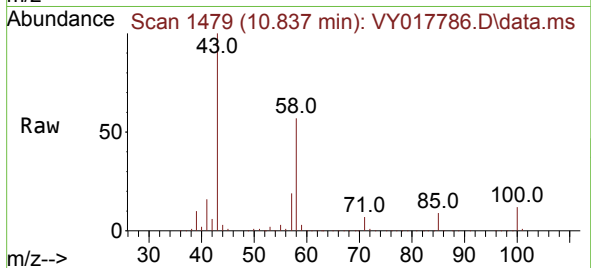
VSTDCCC050EC

Tgt Ion: 43 Resp: 149048

Ion Ratio Lower Upper

43 100

58 57.1 31.4 94.0



#60

Dibromochloromethane

Concen: 45.714 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. -0.006 min

Lab File: VY017786.D

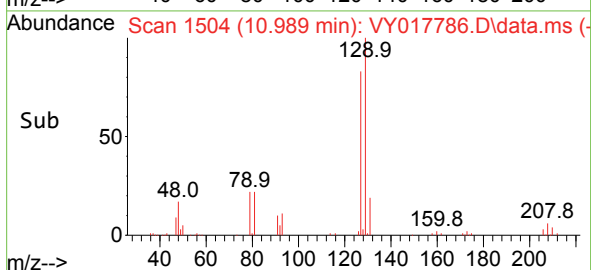
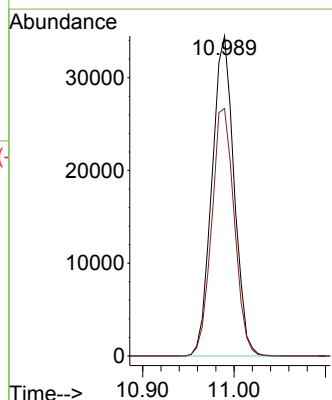
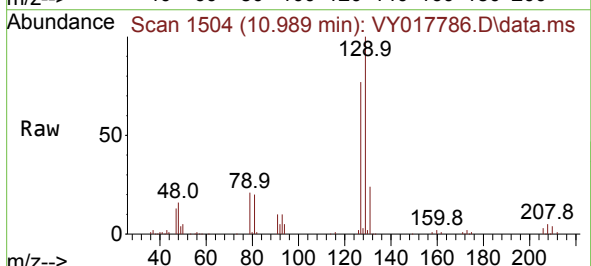
Acq: 27 Mar 2024 17:09

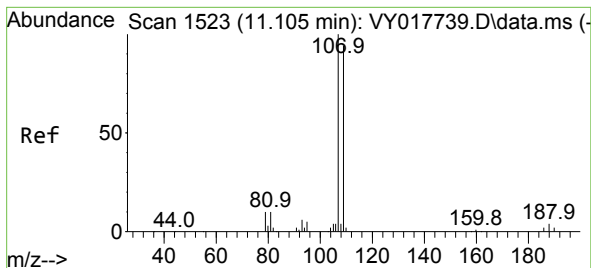
Tgt Ion:129 Resp: 57987

Ion Ratio Lower Upper

129 100

127 79.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 49.054 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

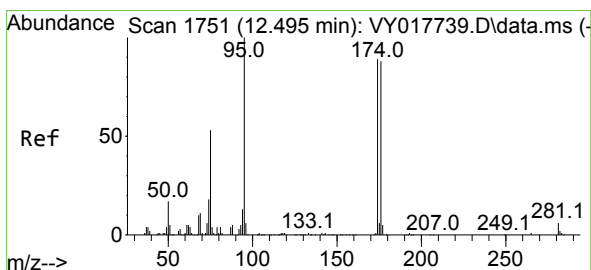
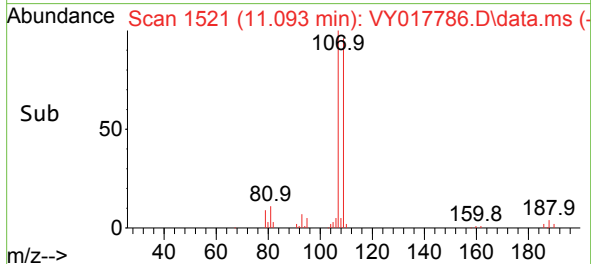
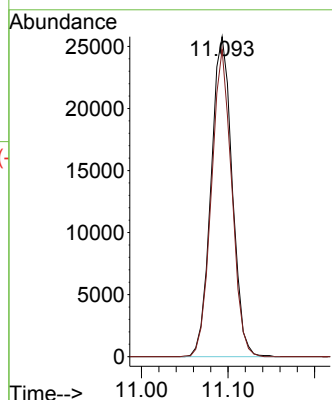
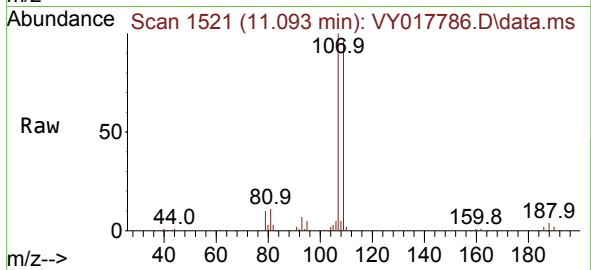
VSTDCCC050EC

Tgt Ion:107 Resp: 43674

Ion Ratio Lower Upper

107 100

109 91.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 51.694 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

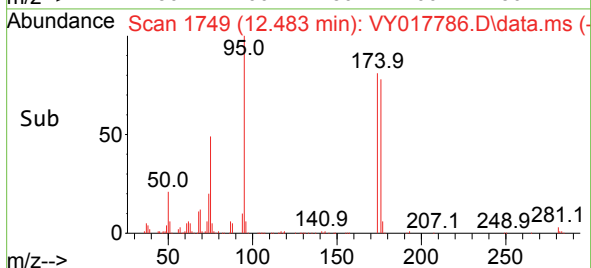
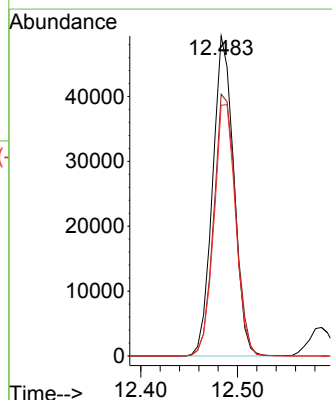
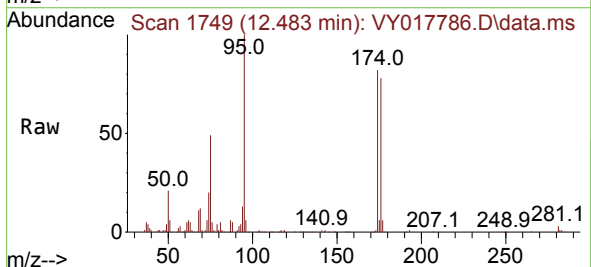
Tgt Ion: 95 Resp: 75008

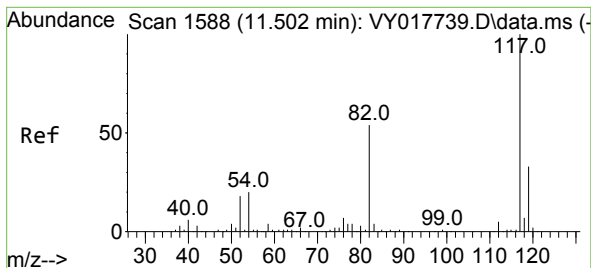
Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.6

176 80.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

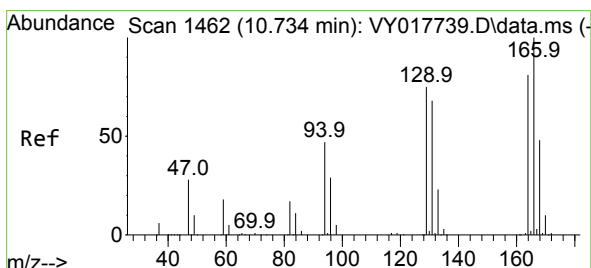
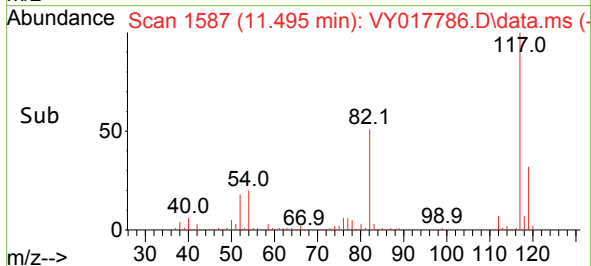
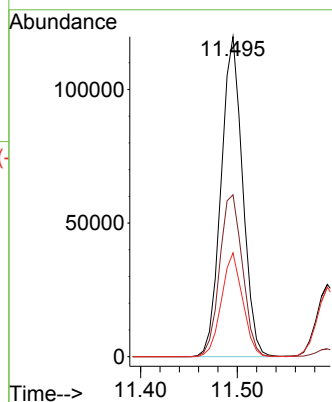
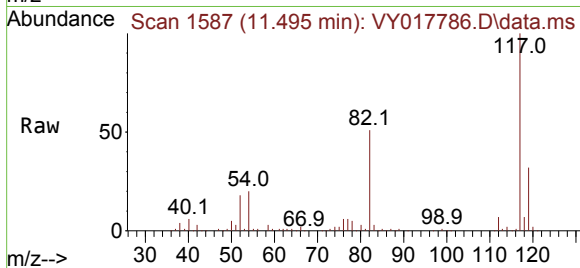
Tgt Ion:117 Resp: 184652

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 44.532 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Tgt Ion:164 Resp: 76045

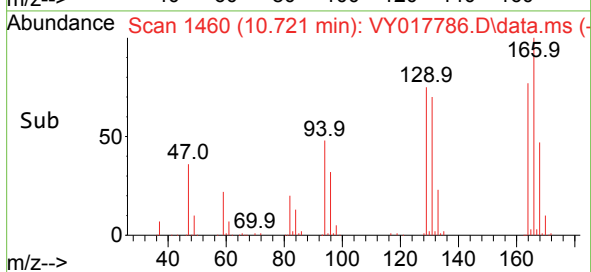
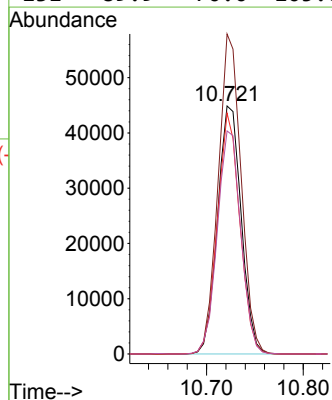
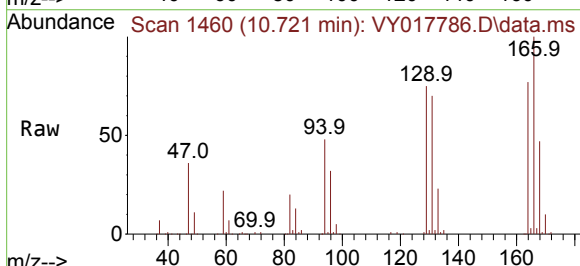
Ion Ratio Lower Upper

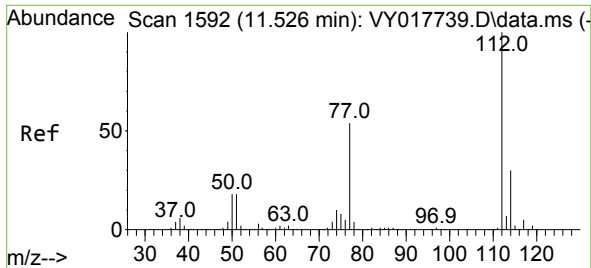
164 100

166 129.1 102.6 154.0

129 97.1 72.0 108.0

131 89.9 70.0 105.0

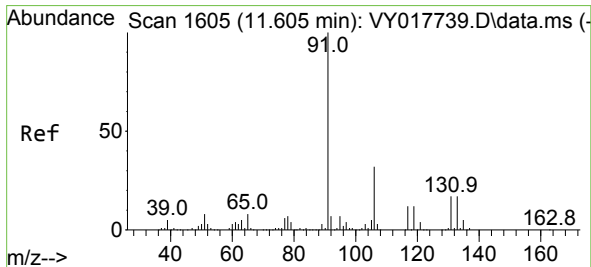
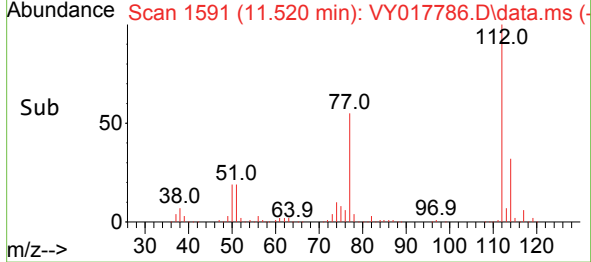
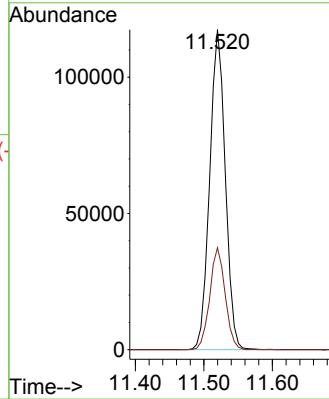
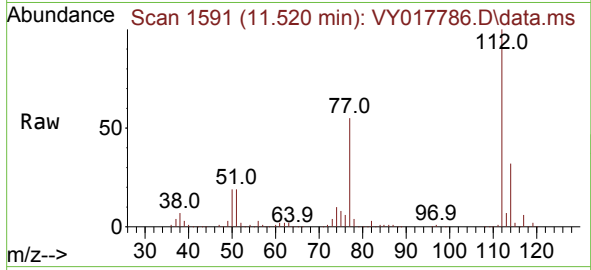




#65
Chlorobenzene
Concen: 46.678 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

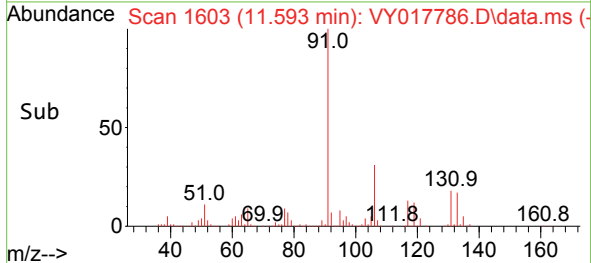
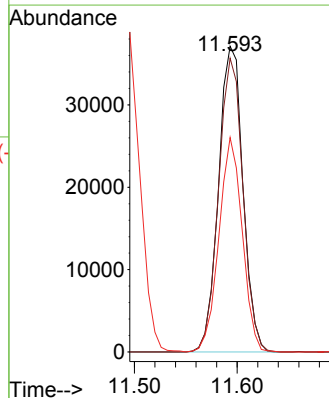
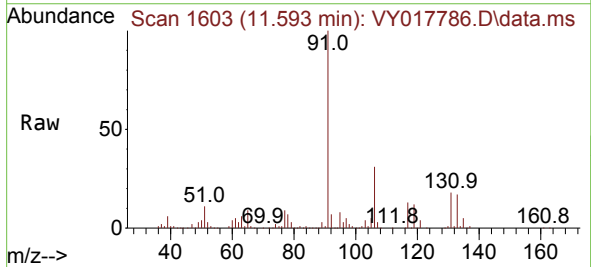
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

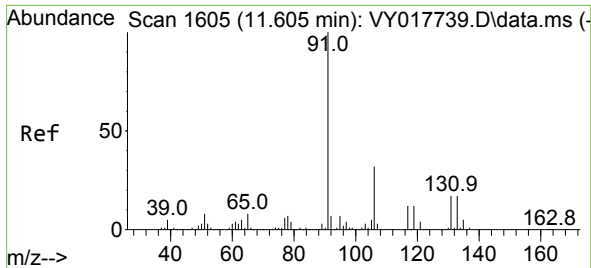
Tgt Ion:112 Resp: 185537
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.113 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion:131 Resp: 61209
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 47.424 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

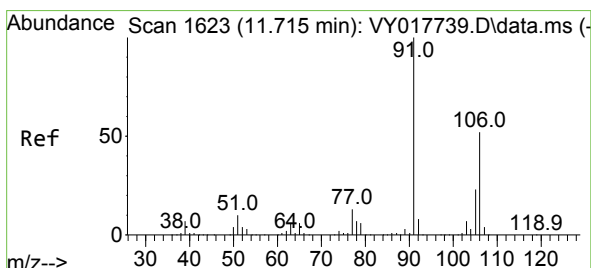
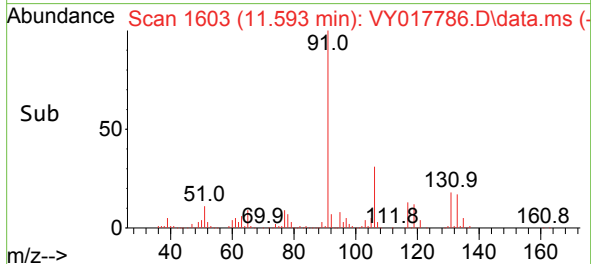
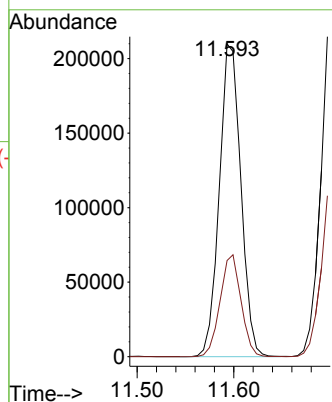
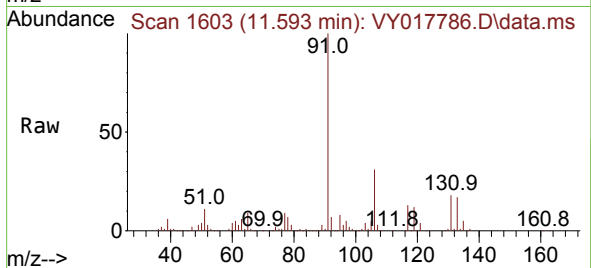
VSTDCCC050EC

Tgt Ion: 91 Resp: 323742

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 94.011 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.012 min

Lab File: VY017786.D

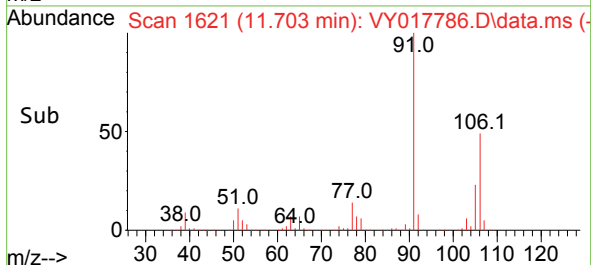
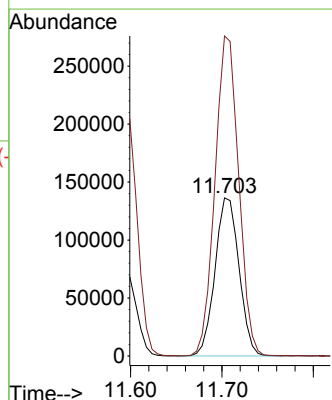
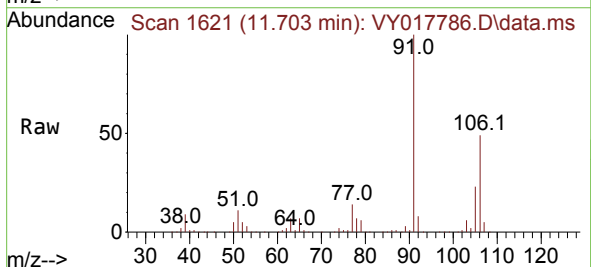
Acq: 27 Mar 2024 17:09

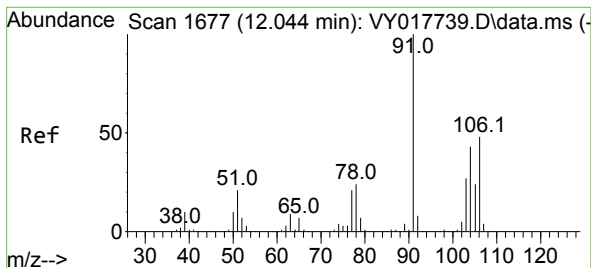
Tgt Ion:106 Resp: 248958

Ion Ratio Lower Upper

106 100

91 200.3 156.0 234.0

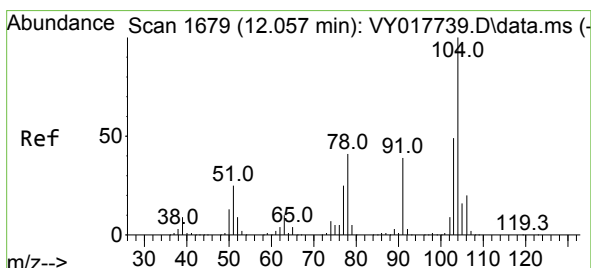
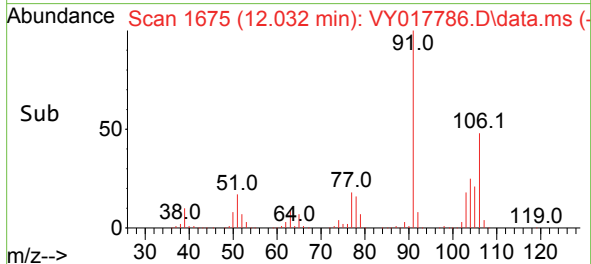
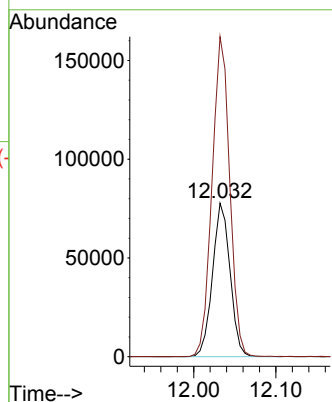
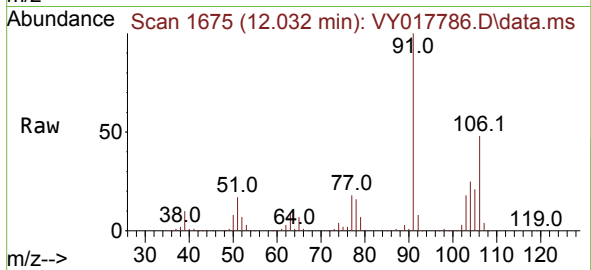




#69
o-Xylene
Concen: 47.661 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

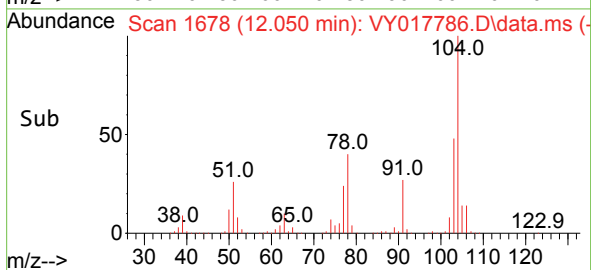
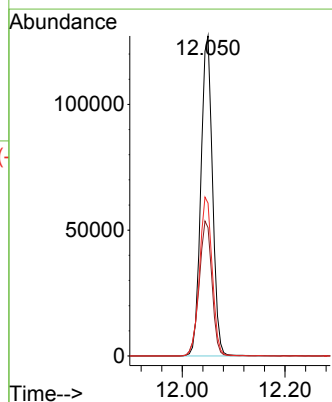
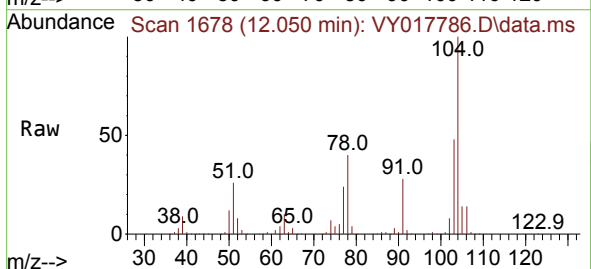
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

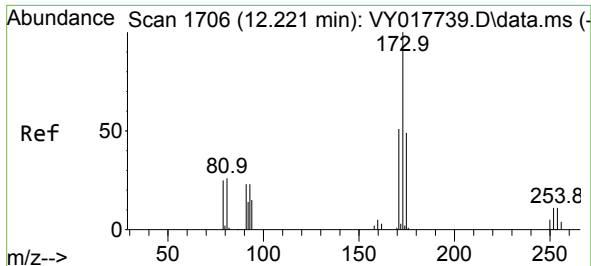
Tgt Ion:106 Resp: 115232
Ion Ratio Lower Upper
106 100
91 210.3 103.6 310.8



#70
Styrene
Concen: 49.717 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion:104 Resp: 200056
Ion Ratio Lower Upper
104 100
78 46.3 37.0 55.4
103 54.3 44.2 66.2

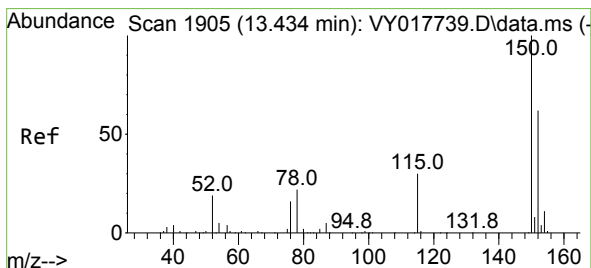
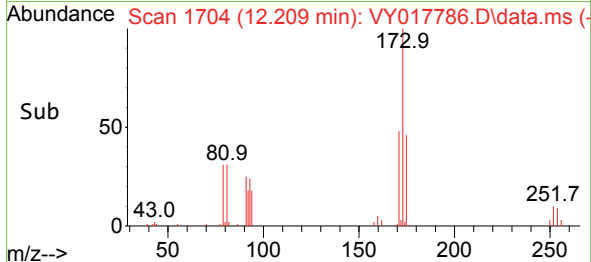
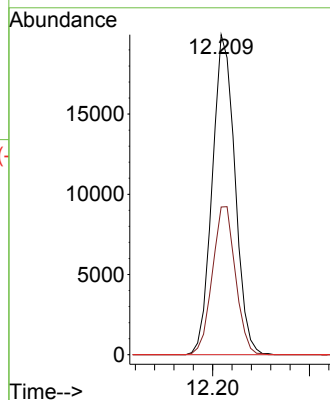
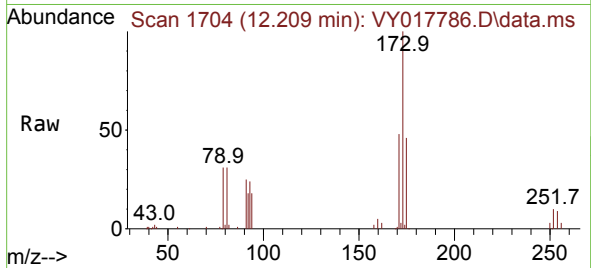




#71
Bromoform
Concen: 46.394 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

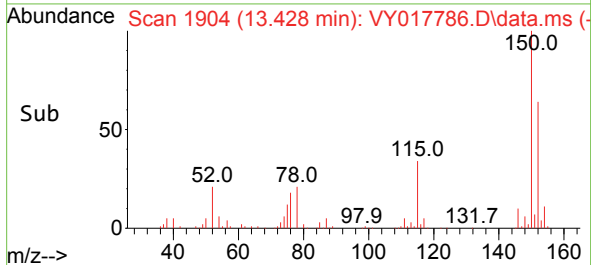
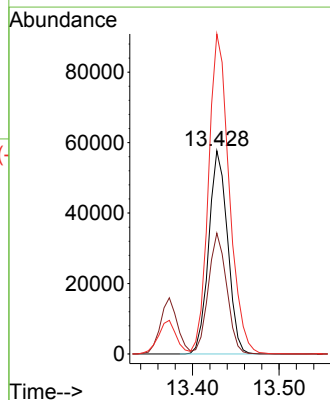
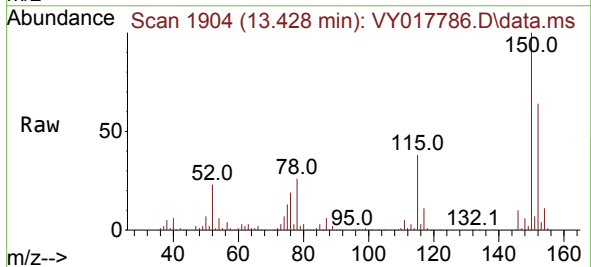
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

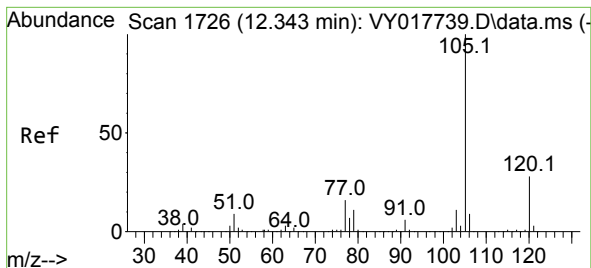
Tgt Ion:173 Resp: 32432
Ion Ratio Lower Upper
173 100
175 47.3 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion:152 Resp: 87177
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 172.7 0.0 345.6





#73

Isopropylbenzene

Concen: 45.608 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

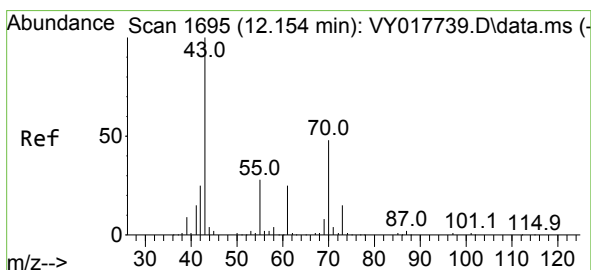
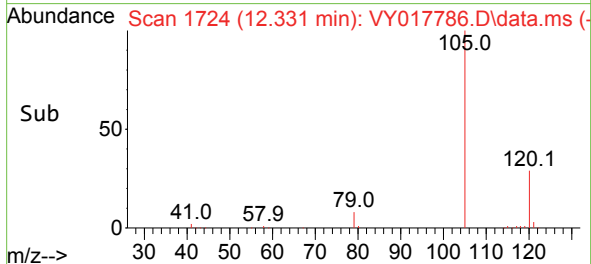
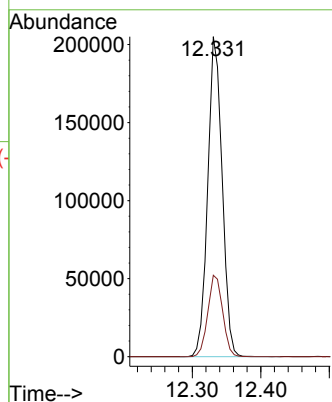
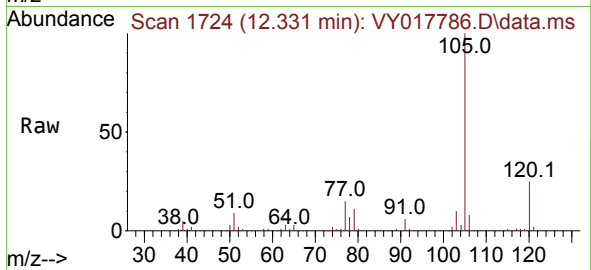
VSTDCCC050EC

Tgt Ion:105 Resp: 300222

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 49.798 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Tgt Ion: 43 Resp: 67369

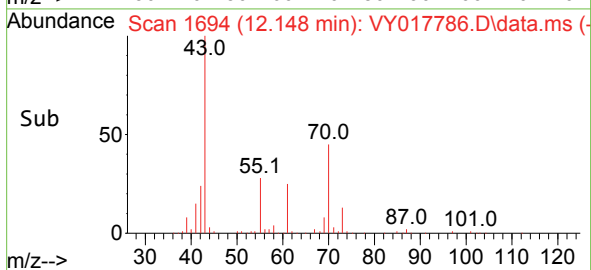
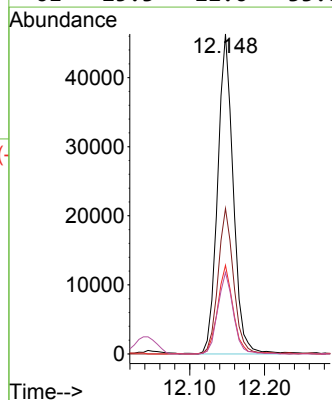
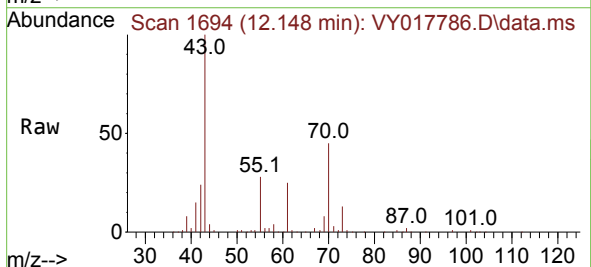
Ion Ratio Lower Upper

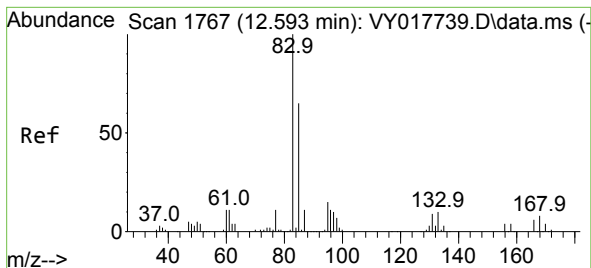
43 100

70 45.4 41.4 62.2

55 27.7 23.3 34.9

61 25.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.393 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

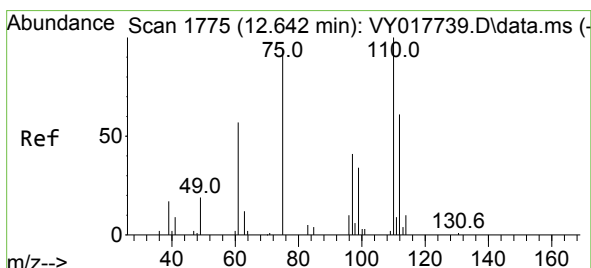
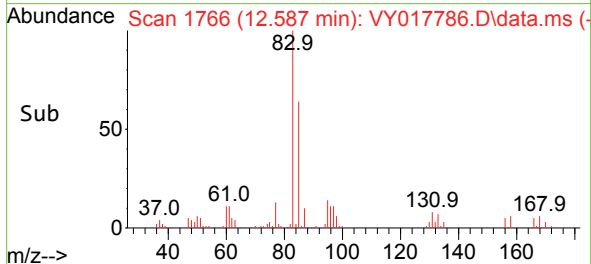
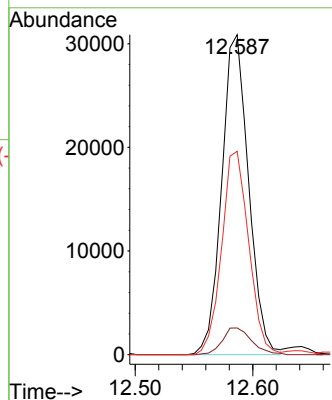
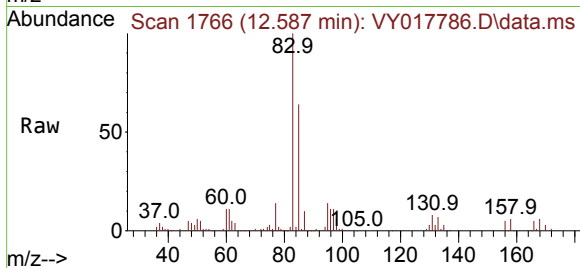
Tgt Ion: 83 Resp: 49049

Ion Ratio Lower Upper

83 100

131 9.2 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 84.313 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY017786.D

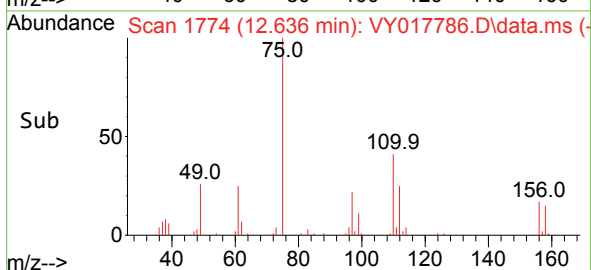
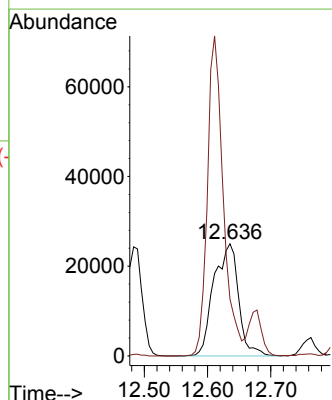
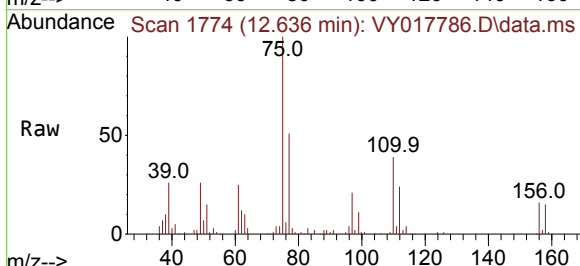
Acq: 27 Mar 2024 17:09

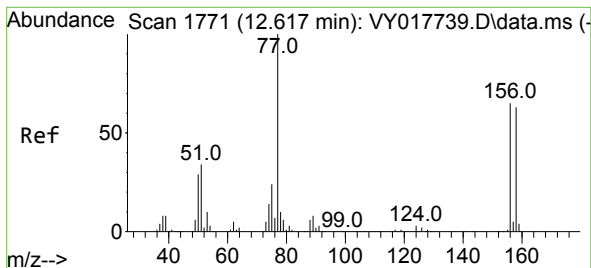
Tgt Ion: 75 Resp: 67874

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.982 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

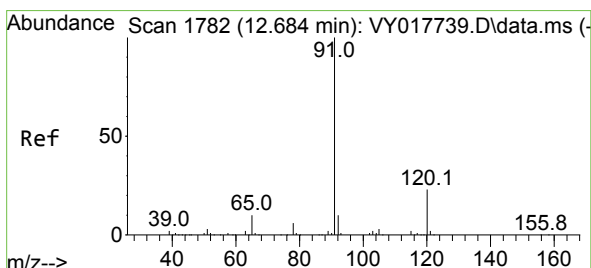
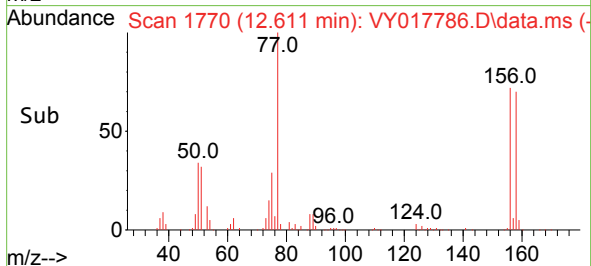
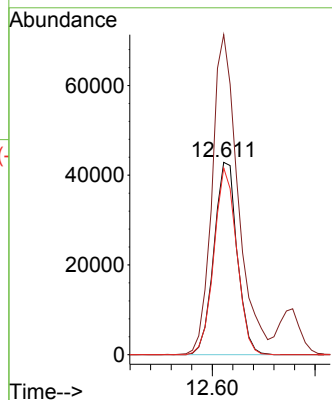
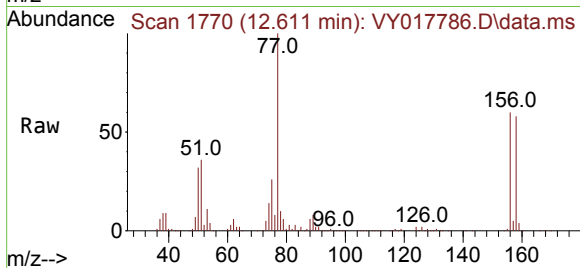
Tgt Ion:156 Resp: 67415

Ion Ratio Lower Upper

156 100

77 185.3 87.1 261.3

158 95.0 48.6 145.9



#78

n-propylbenzene

Concen: 45.919 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY017786.D

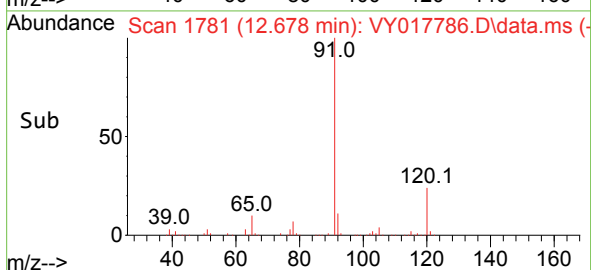
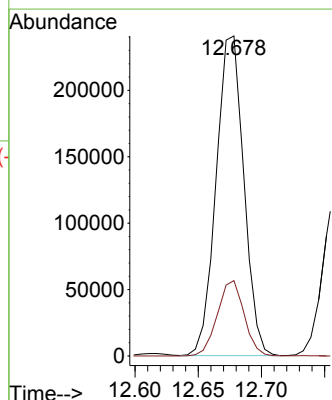
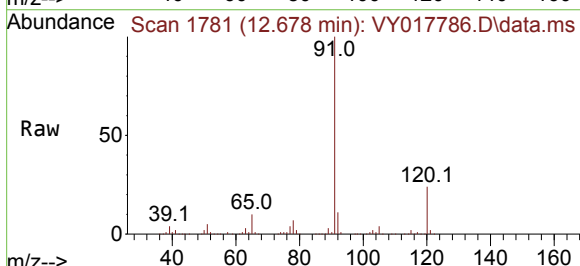
Acq: 27 Mar 2024 17:09

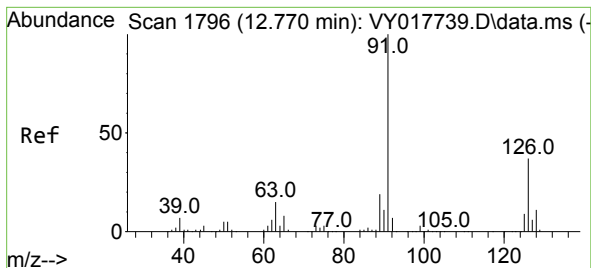
Tgt Ion: 91 Resp: 365908

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

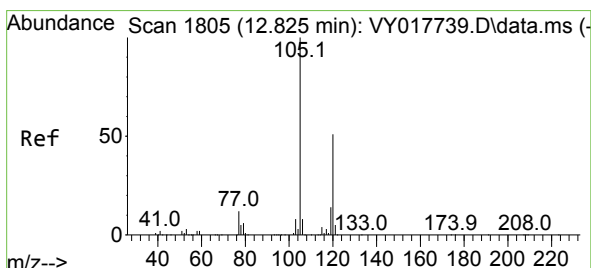
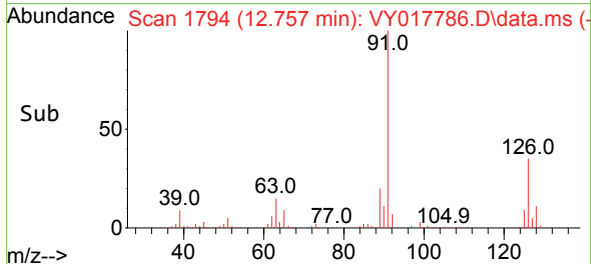
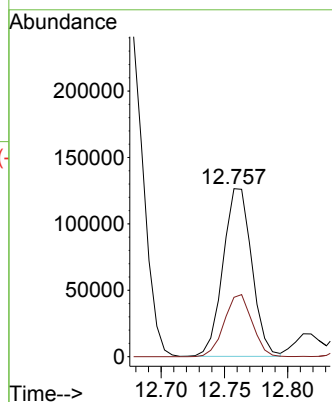
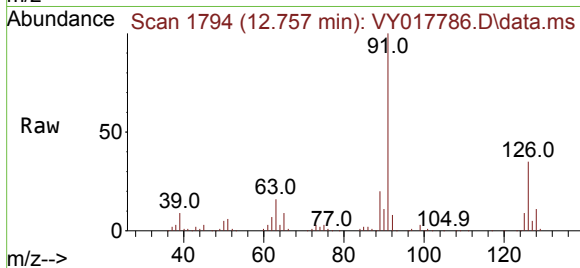




#79
2-Chlorotoluene
Concen: 45.807 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

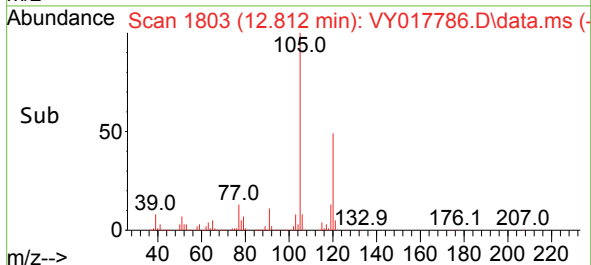
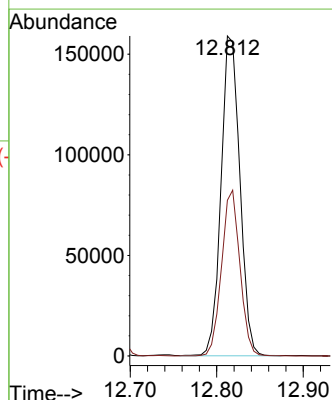
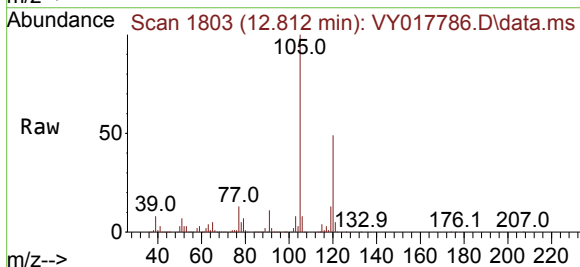
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

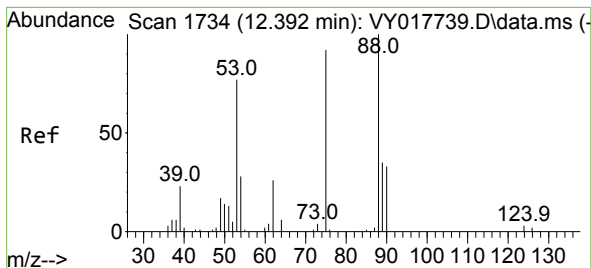
Tgt Ion: 91 Resp: 200168
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 46.506 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.012 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 105 Resp: 239652
Ion Ratio Lower Upper
105 100
120 50.7 25.1 75.2

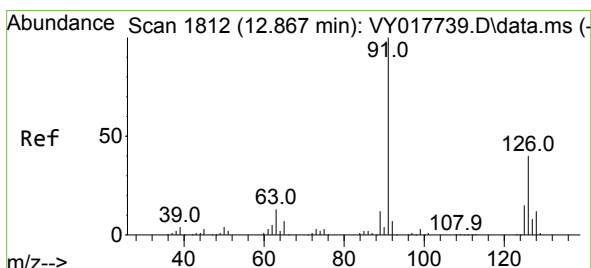
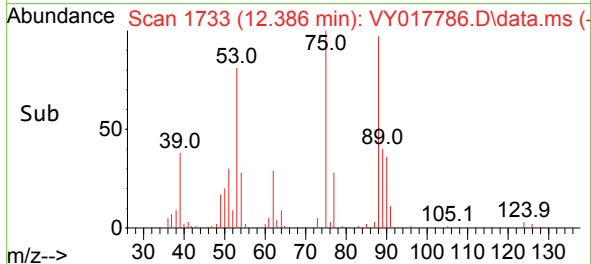
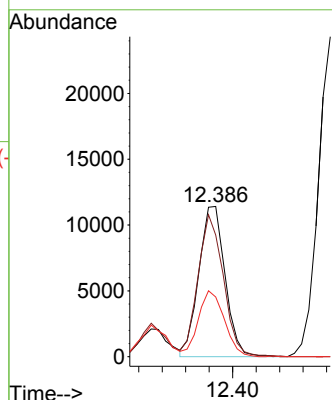
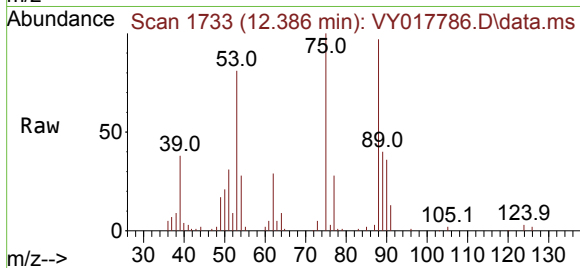




#81
trans-1,4-Dichloro-2-butene
Concen: 50.903 ug/l
RT: 12.386 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

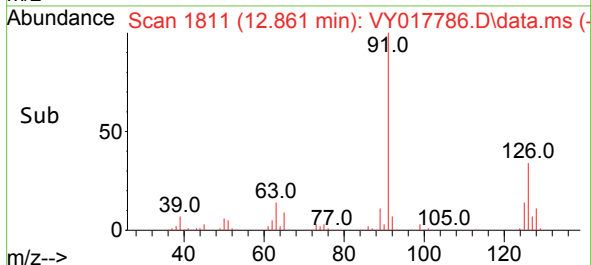
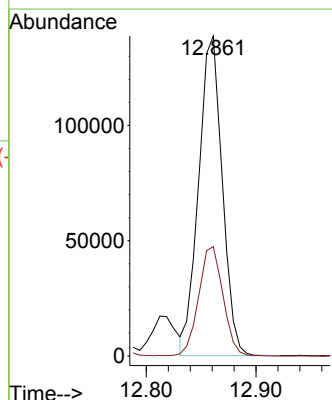
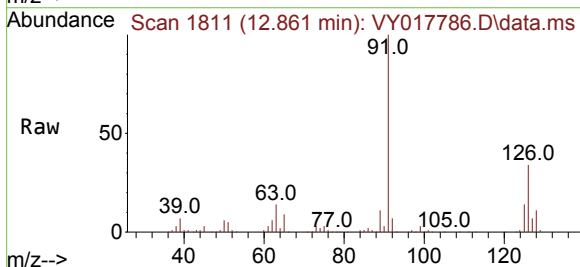
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

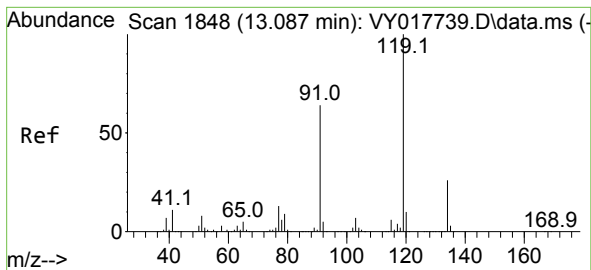
Tgt Ion: 75 Resp: 17734
Ion Ratio Lower Upper
75 100
53 91.4 66.8 100.2
89 43.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 46.368 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion: 91 Resp: 207893
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9

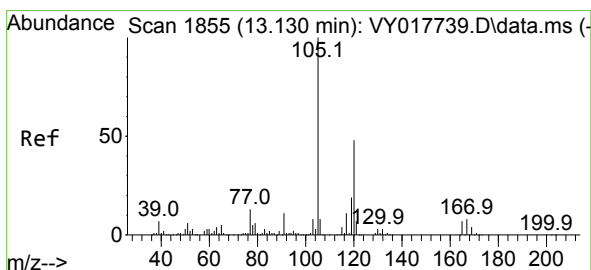
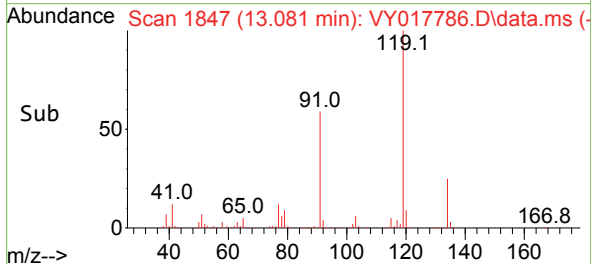
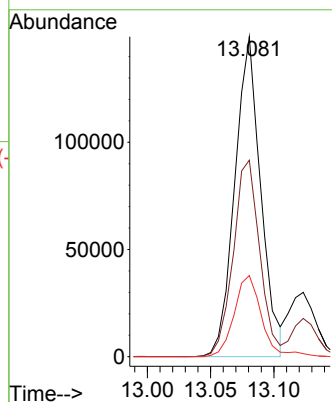
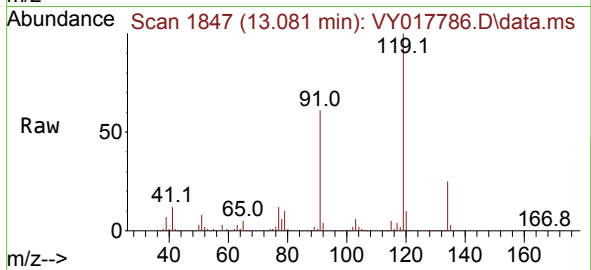




#83
tert-Butylbenzene
Concen: 45.774 ug/l
RT: 13.081 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

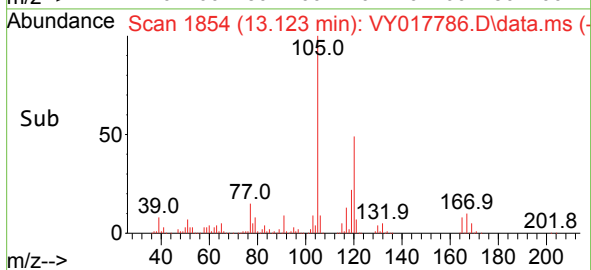
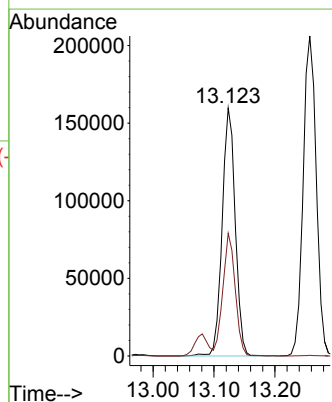
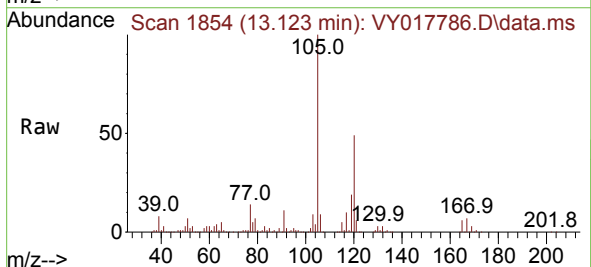
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

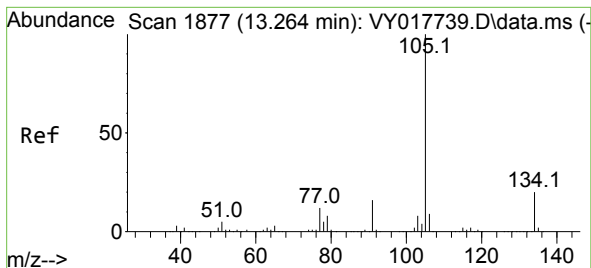
Tgt Ion:119 Resp: 213455
Ion Ratio Lower Upper
119 100
91 62.7 31.3 93.8
134 26.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 47.285 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY017786.D
Acq: 27 Mar 2024 17:09

Tgt Ion:105 Resp: 238877
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 43.951 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

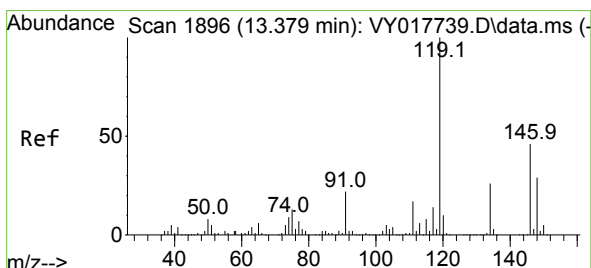
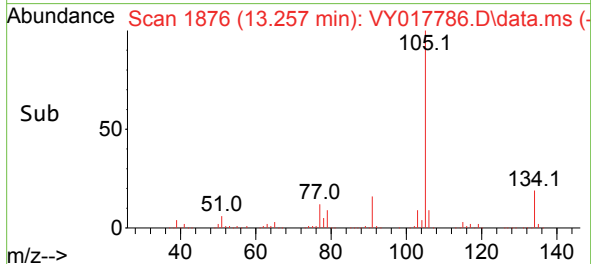
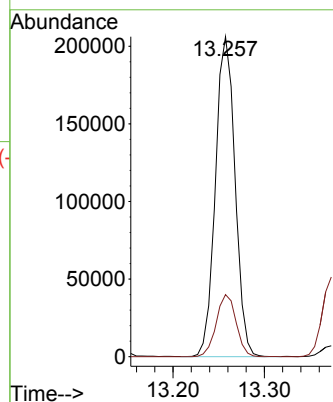
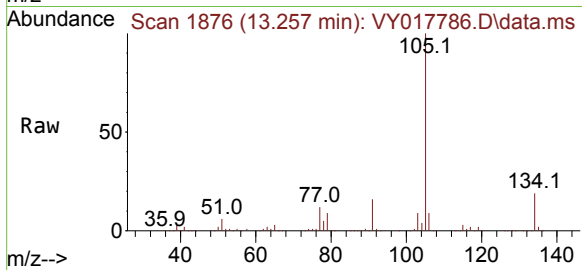
VSTDCCC050EC

Tgt Ion:105 Resp: 307175

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 47.171 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

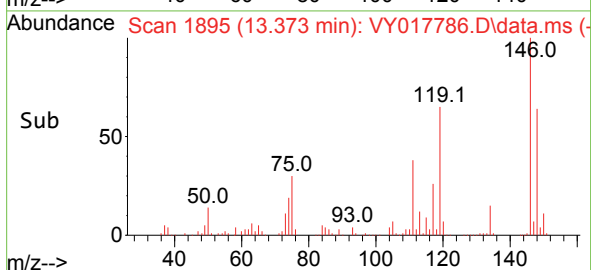
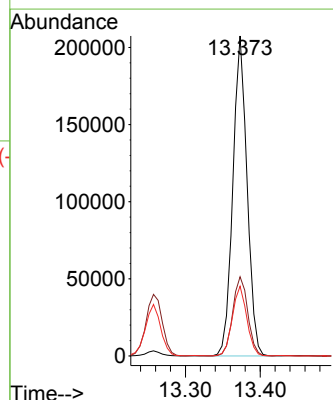
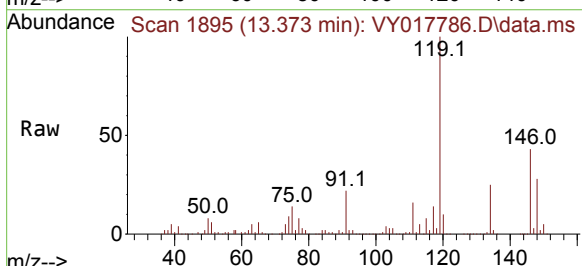
Tgt Ion:119 Resp: 273739

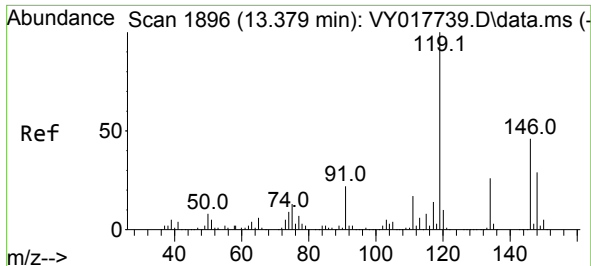
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 44.690 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

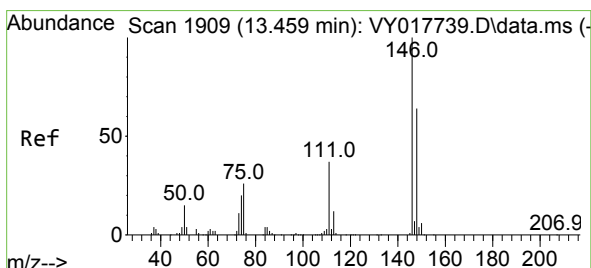
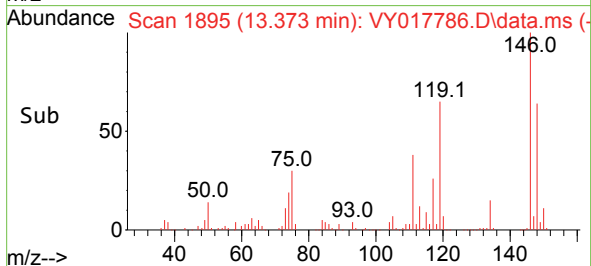
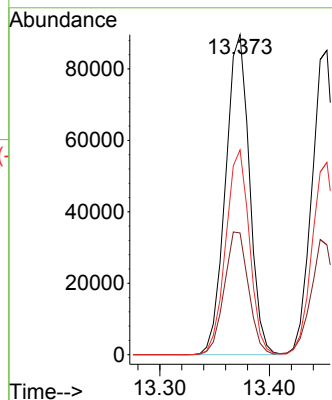
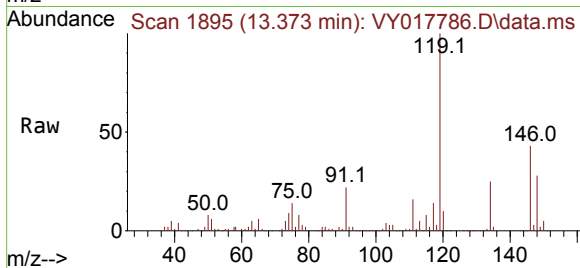
Tgt Ion:146 Resp: 135724

Ion Ratio Lower Upper

146 100

111 39.0 19.0 57.0

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 45.386 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

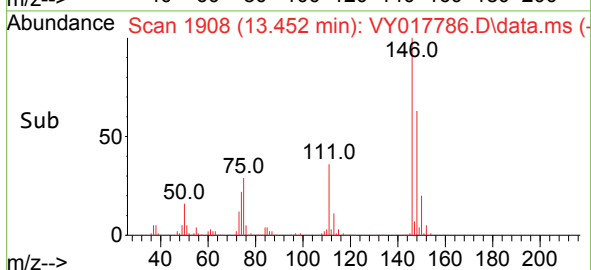
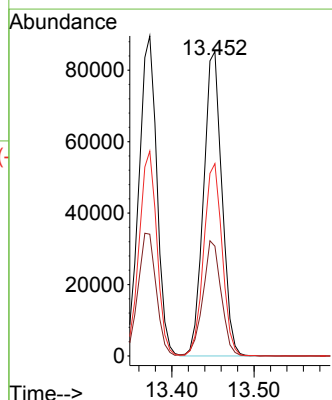
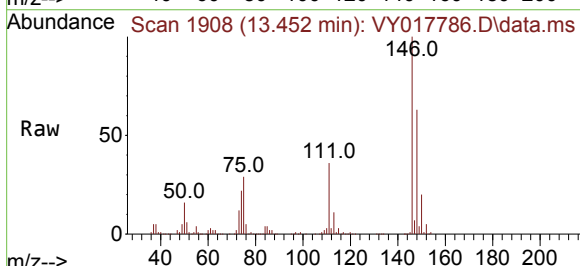
Tgt Ion:146 Resp: 132323

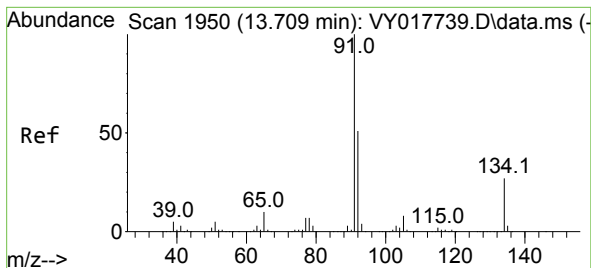
Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 48.651 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

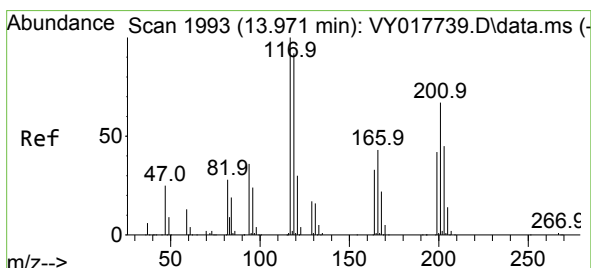
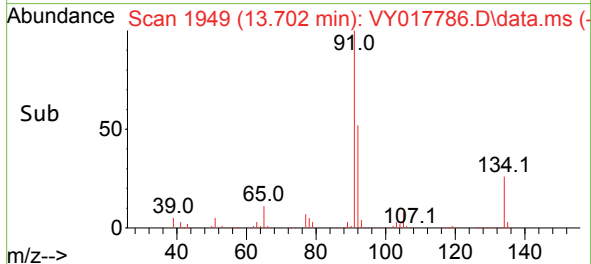
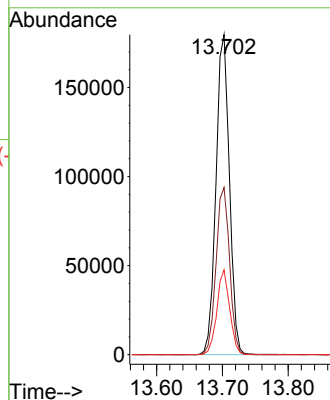
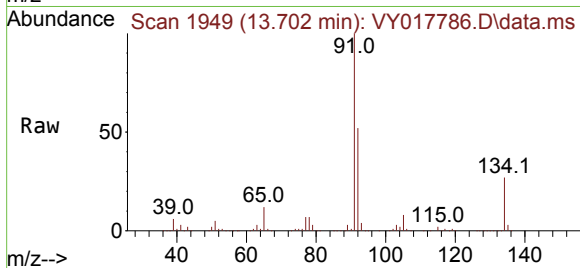
Tgt Ion: 91 Resp: 255426

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 41.641 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017786.D

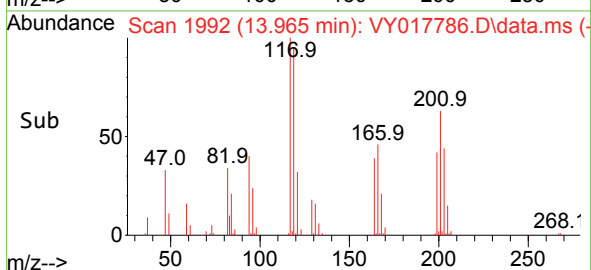
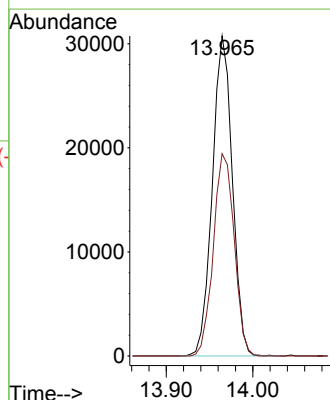
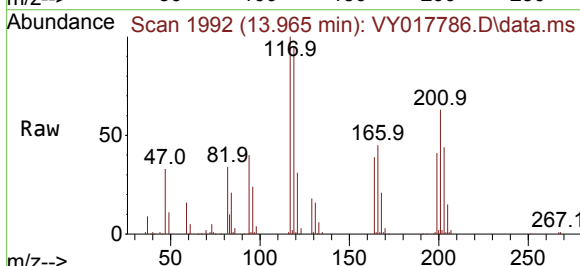
Acq: 27 Mar 2024 17:09

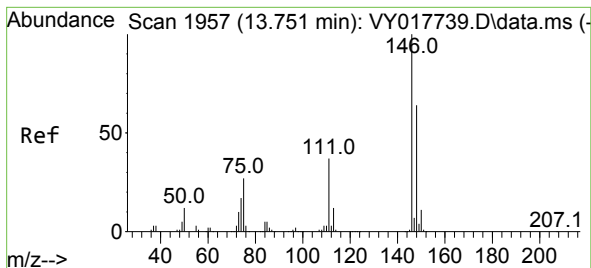
Tgt Ion: 117 Resp: 49278

Ion Ratio Lower Upper

117 100

201 65.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 45.507 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

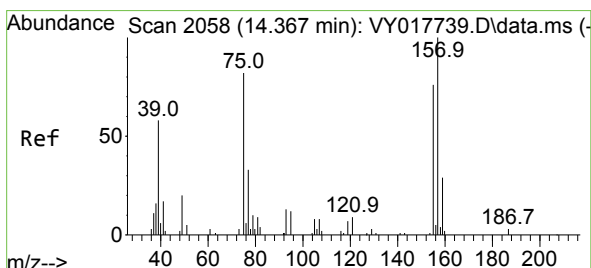
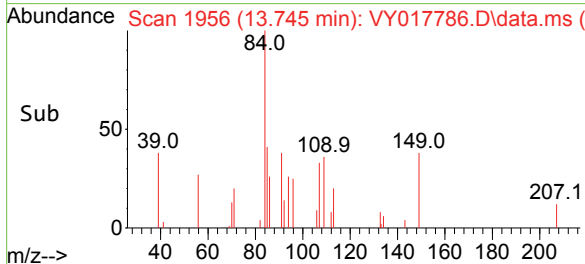
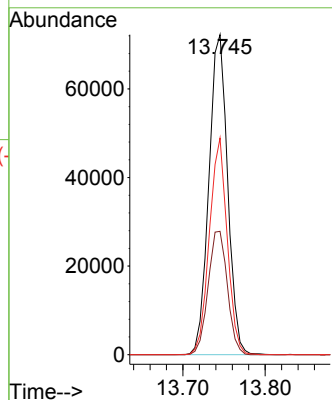
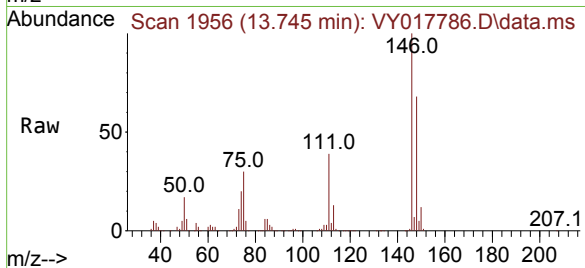
Tgt Ion:146 Resp: 114487

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.596 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

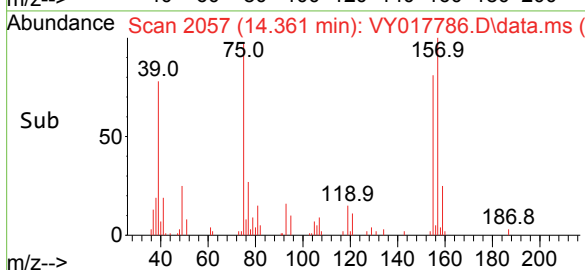
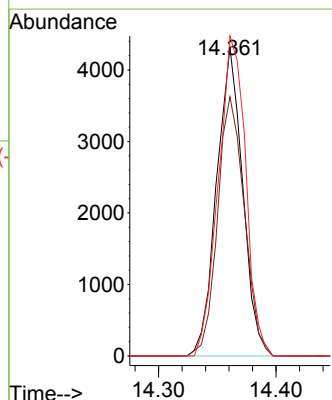
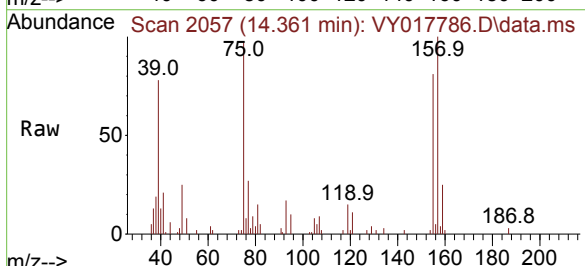
Tgt Ion: 75 Resp: 6635

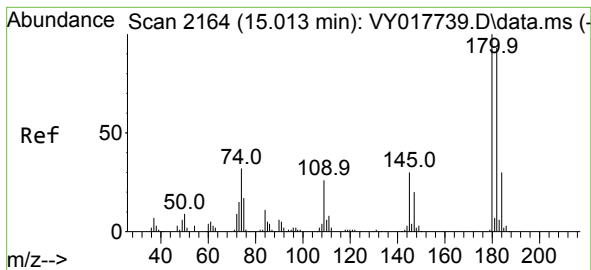
Ion Ratio Lower Upper

75 100

155 86.6 48.6 145.8

157 108.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.585 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

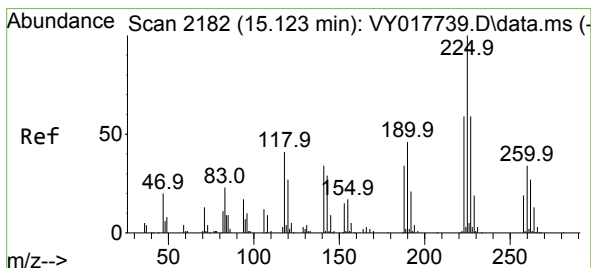
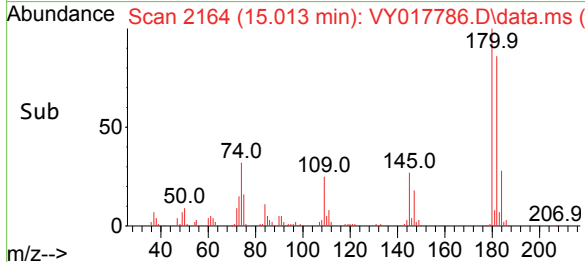
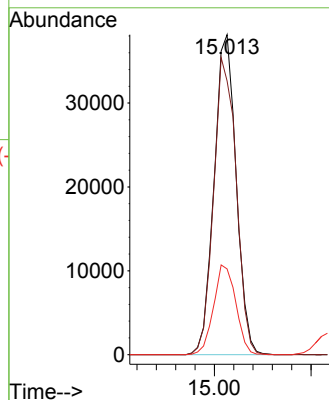
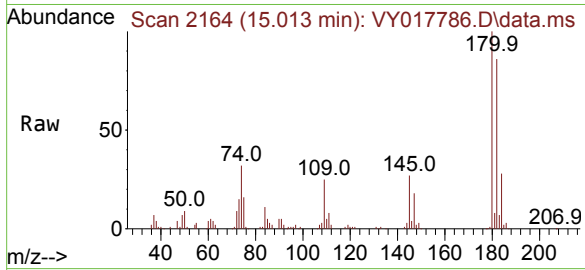
Tgt Ion:180 Resp: 60430

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.133 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

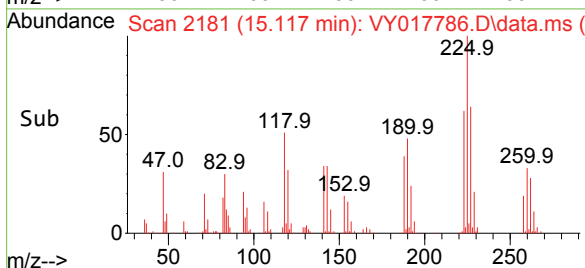
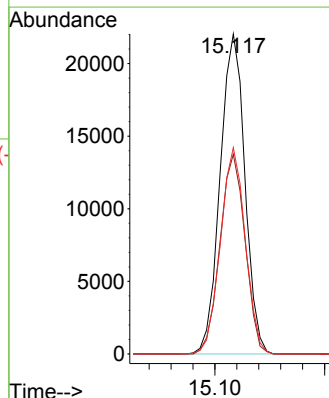
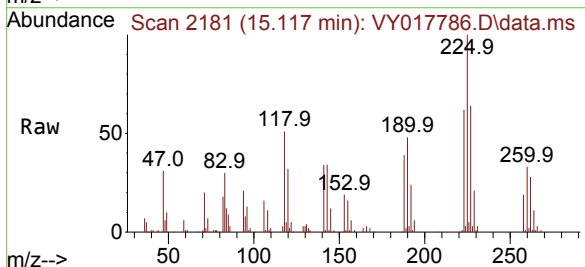
Tgt Ion:225 Resp: 34525

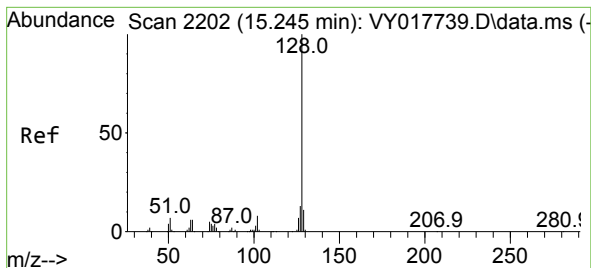
Ion Ratio Lower Upper

225 100

223 63.1 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 47.161 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

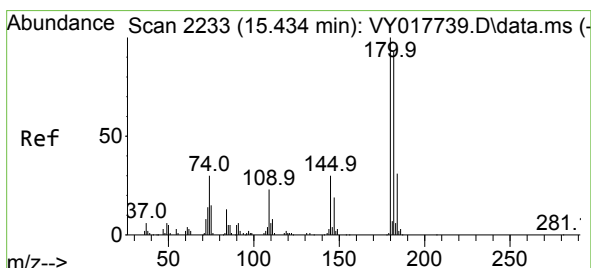
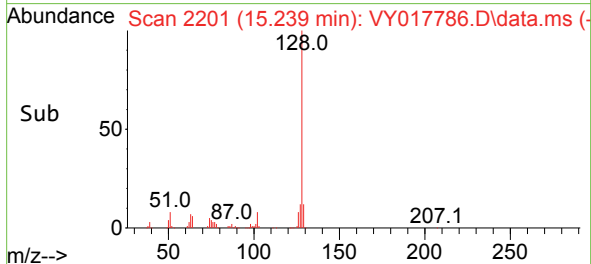
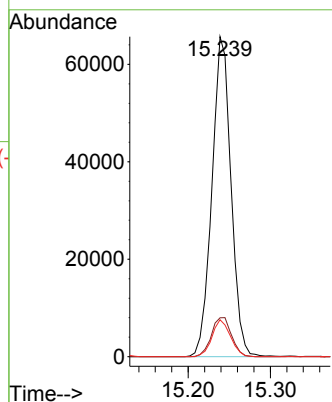
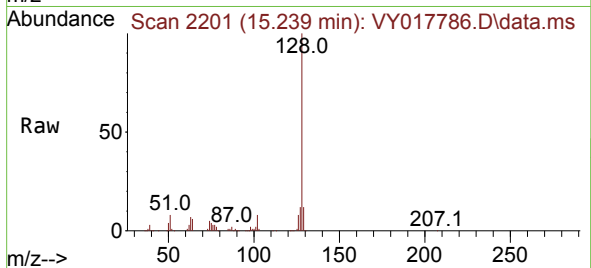
Tgt Ion:128 Resp: 105930

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.517 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017786.D

Acq: 27 Mar 2024 17:09

Tgt Ion:180 Resp: 50832

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 29.2 15.4 46.1

