

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017792.D
 Acq On : 29 Mar 2024 15:33
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 30 05:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	267174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	419982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	359332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	165226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40448	17.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.000%#
35) Dibromofluoromethane	7.722	113	43877	18.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.160%#
50) Toluene-d8	10.185	98	161959	17.866	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	35.740%#
62) 4-Bromofluorobenzene	12.489	95	49926	18.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32683	18.292	ug/l	97
3) Chloromethane	2.113	50	61157	17.537	ug/l	97
4) Vinyl Chloride	2.253	62	80503	17.664	ug/l	97
5) Bromomethane	2.644	94	65345	17.733	ug/l	100
6) Chloroethane	2.796	64	53222	17.898	ug/l	98
7) Trichlorofluoromethane	3.125	101	81790	18.403	ug/l	97
8) Diethyl Ether	3.528	74	23647	18.113	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	49619	18.616	ug/l	99
10) Methyl Iodide	4.095	142	50075	17.276	ug/l	100
11) Tert butyl alcohol	4.954	59	20926	108.986	ug/l #	98
12) 1,1-Dichloroethene	3.869	96	44899	18.002	ug/l	97
13) Acrolein	3.729	56	17092	105.522	ug/l	98
14) Allyl chloride	4.479	41	54609	17.847	ug/l	99
15) Acrylonitrile	5.161	53	48478	87.968	ug/l	97
16) Acetone	3.948	43	38445	80.446	ug/l	91
17) Carbon Disulfide	4.198	76	119771	16.969	ug/l	97
18) Methyl Acetate	4.485	43	19286	18.220	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	101970	17.856	ug/l	100
20) Methylene Chloride	4.722	84	64942	20.615	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	48069	18.010	ug/l	95
22) Diisopropyl ether	6.119	45	129414	18.298	ug/l	92
23) Vinyl Acetate	6.064	43	377638	87.455	ug/l	99
24) 1,1-Dichloroethane	6.021	63	85199	18.150	ug/l	99
25) 2-Butanone	6.990	43	57721	84.784	ug/l	97
26) 2,2-Dichloropropane	6.984	77	71788	17.706	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	55729	17.668	ug/l	95
28) Bromochloromethane	7.338	49	35399	18.544	ug/l	93
29) Tetrahydrofuran	7.350	42	35022	85.733	ug/l	99
30) Chloroform	7.515	83	88393	18.149	ug/l	99
31) Cyclohexane	7.789	56	72574	17.819	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	74693	18.019	ug/l	96
36) 1,1-Dichloropropene	7.923	75	63811	18.021	ug/l	96
37) Ethyl Acetate	7.082	43	25689	16.811	ug/l	97
38) Carbon Tetrachloride	7.905	117	66908	18.202	ug/l	98
39) Methylcyclohexane	9.191	83	76128	17.212	ug/l	94
40) Benzene	8.167	78	196207	17.980	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13205	17.108	ug/l	96
42) 1,2-Dichloroethane	8.240	62	48721	18.139	ug/l	99
43) Isopropyl Acetate	8.277	43	47325	17.066	ug/l #	86
44) Trichloroethene	8.947	130	51494	18.137	ug/l	96
45) 1,2-Dichloropropane	9.222	63	45803	18.063	ug/l	98
46) Dibromomethane	9.313	93	25707	17.844	ug/l	100
47) Bromodichloromethane	9.502	83	66063	18.148	ug/l	97
48) Methyl methacrylate	9.301	41	20693	19.481	ug/l	97
49) 1,4-Dioxane	9.301	88	5604	346.511	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	128709	101.480	ug/l	99
52) Toluene	10.252	92	120144	18.151	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	57223	17.705	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	70139	17.781	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	34692	18.072	ug/l	97
56) Ethyl methacrylate	10.514	69	41845	19.856	ug/l	96
57) 1,3-Dichloropropane	10.795	76	58784	18.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	112219	101.841	ug/l	98
59) 2-Hexanone	10.837	43	86619	98.733	ug/l	97
60) Dibromochloromethane	10.990	129	43211	17.848	ug/l	99
61) 1,2-Dibromoethane	11.093	107	31381	17.928	ug/l	100
64) Tetrachloroethene	10.727	164	58376	18.626	ug/l	97
65) Chlorobenzene	11.520	112	133590	18.123	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	44286	17.694	ug/l	99
67) Ethyl Benzene	11.599	91	222732	17.578	ug/l	99
68) m/p-Xylenes	11.709	106	169947	35.365	ug/l	97
69) o-Xylene	12.038	106	79188	21.216	ug/l	98
70) Styrene	12.050	104	131636	20.719	ug/l	99
71) Bromoform	12.215	173	24020	17.314	ug/l #	96
73) Isopropylbenzene	12.337	105	205291	17.730	ug/l	99
74) N-amyl acetate	12.148	43	39212	19.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	34805	17.377	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	45768	30.357	ug/l #	100
77) Bromobenzene	12.617	156	49119	17.811	ug/l	99
78) n-propylbenzene	12.678	91	255493	18.083	ug/l	100
79) 2-Chlorotoluene	12.764	91	138755	17.929	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	162722	18.007	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	11647	19.855	ug/l	98
82) 4-Chlorotoluene	12.861	91	145350	18.138	ug/l	100
83) tert-Butylbenzene	13.081	119	146250	17.801	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	160904	17.878	ug/l	100
85) sec-Butylbenzene	13.258	105	225896	18.319	ug/l	100
86) p-Isopropyltoluene	13.373	119	187279	18.170	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	96248	17.589	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	94297	18.004	ug/l	98
89) n-Butylbenzene	13.703	91	170775	18.009	ug/l	99
90) Hexachloroethane	13.965	117	37221	18.161	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	81546	17.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4596	16.980	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	44567	17.939	ug/l	98
94) Hexachlorobutadiene	15.117	225	28211	18.731	ug/l	99
95) Naphthalene	15.245	128	68677	19.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	37571	17.903	ug/l	99

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QLast Update : Sat Mar 30 05:41:07 2024
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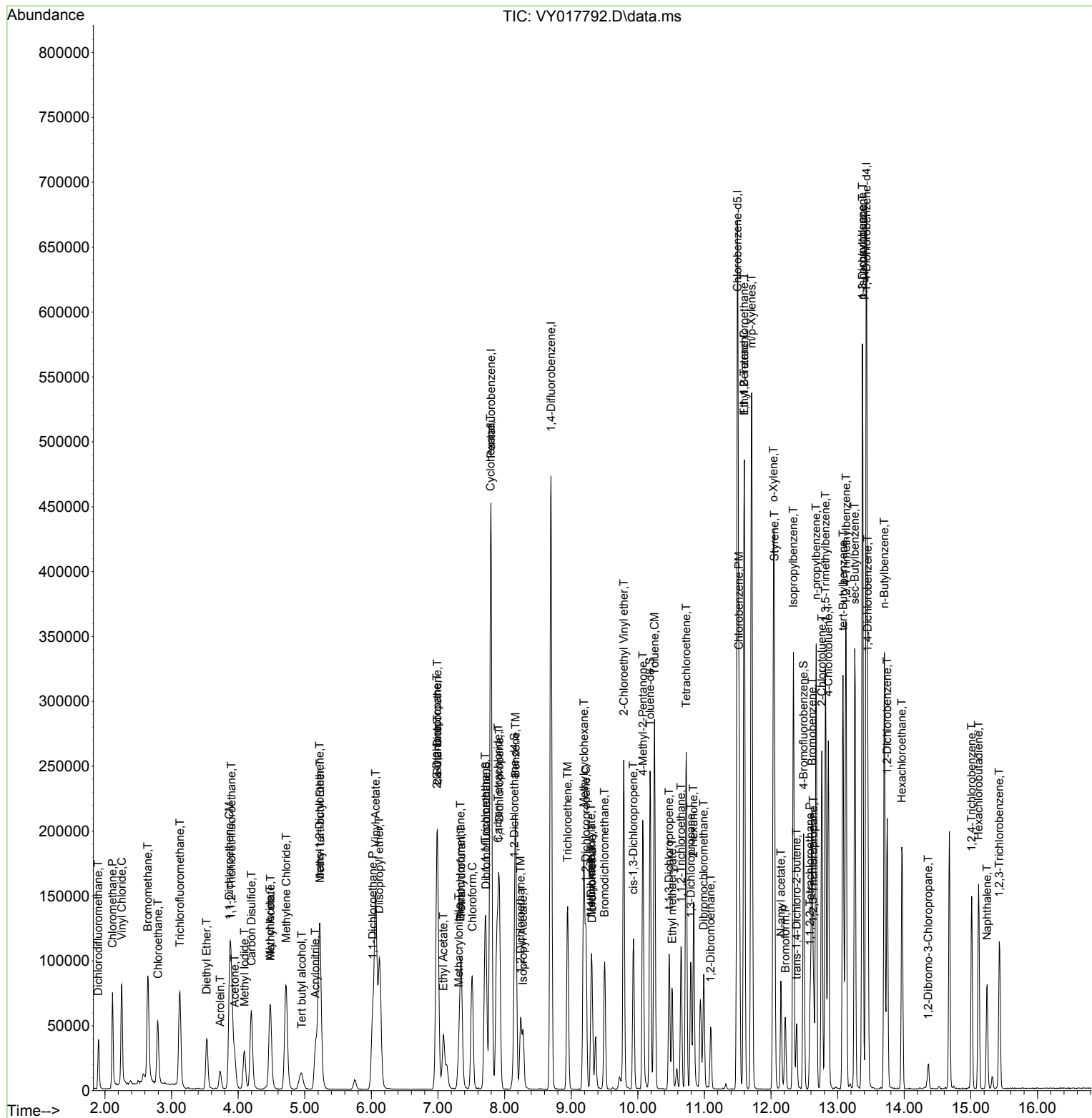
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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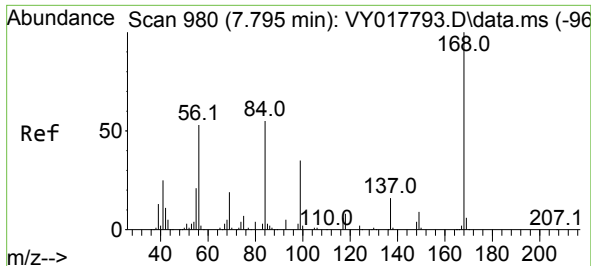
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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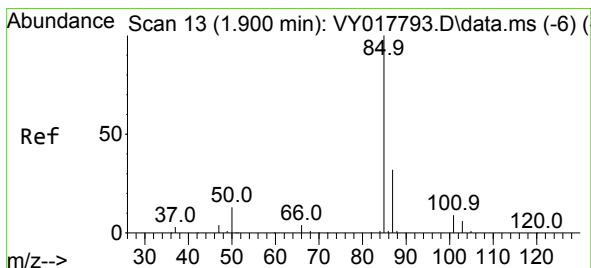
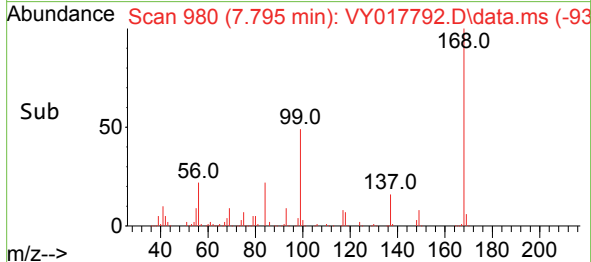
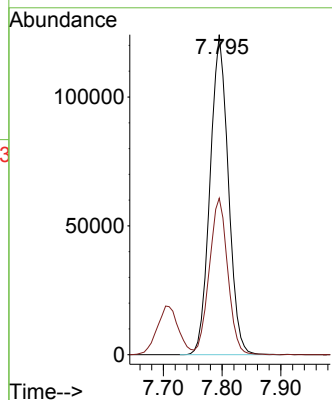
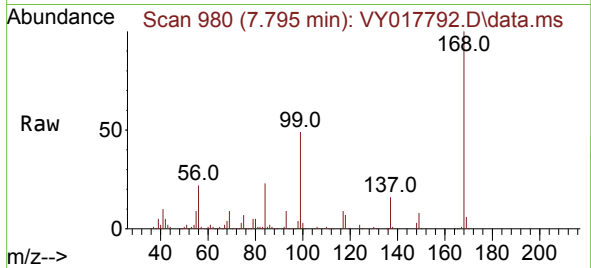




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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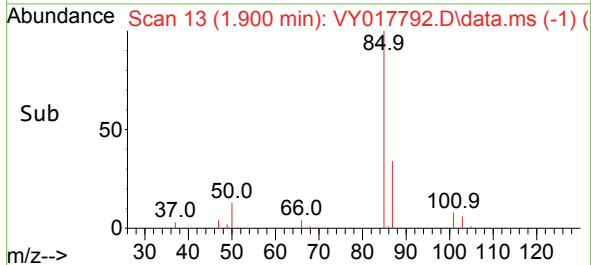
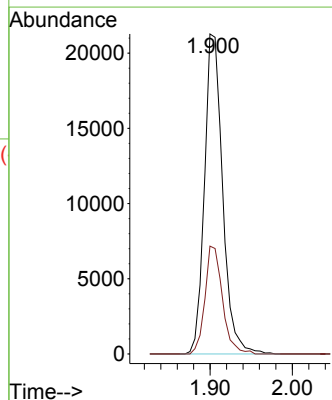
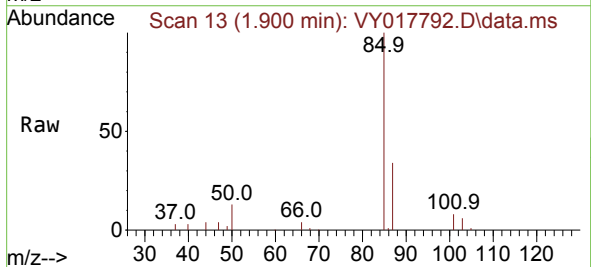
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

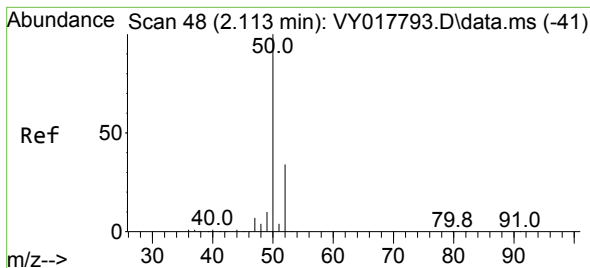
Tgt Ion:168 Resp: 267174
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.292 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 85 Resp: 32683
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0





#3

Chloromethane

Concen: 17.537 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

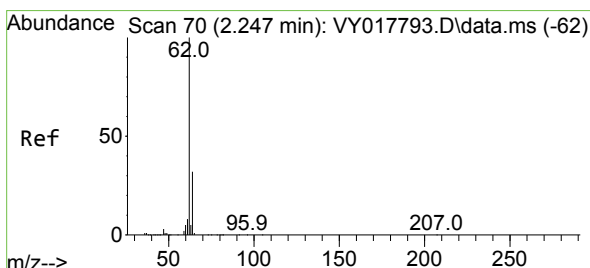
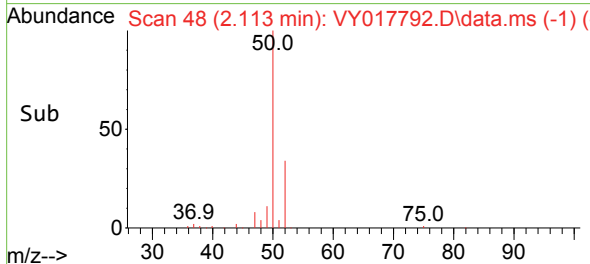
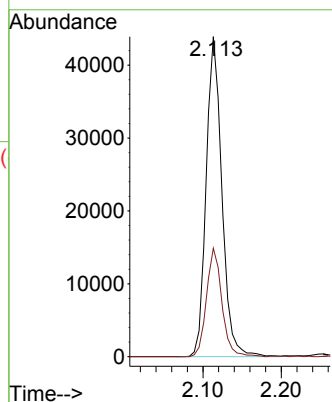
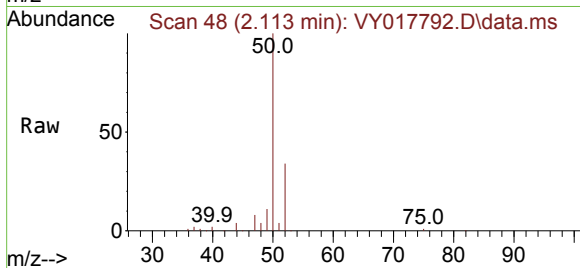
VSTDICC020

Tgt Ion: 50 Resp: 61157

Ion Ratio Lower Upper

50 100

52 33.9 25.6 38.4



#4

Vinyl Chloride

Concen: 17.664 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017792.D

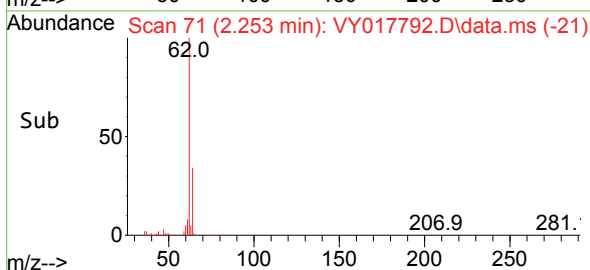
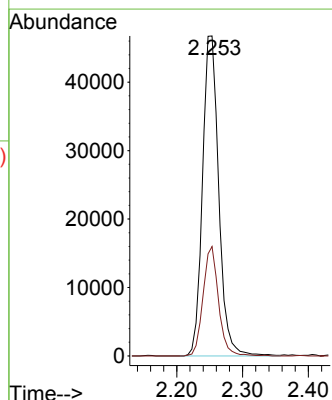
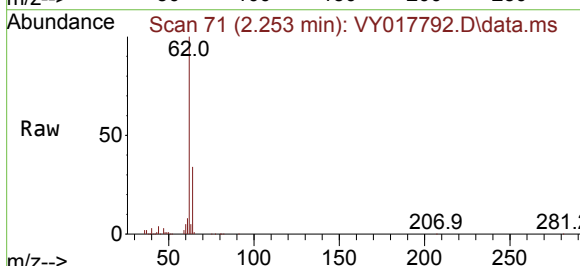
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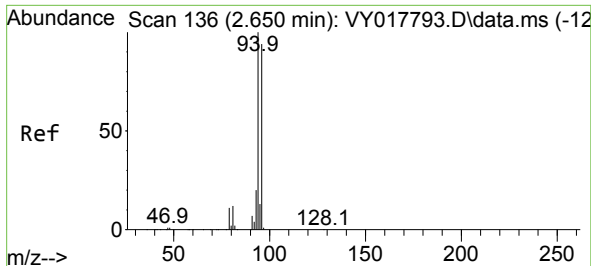
Tgt Ion: 62 Resp: 80503

Ion Ratio Lower Upper

62 100

64 34.2 26.1 39.1





#5

Bromomethane

Concen: 17.733 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

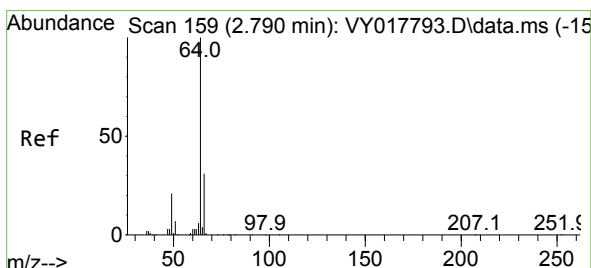
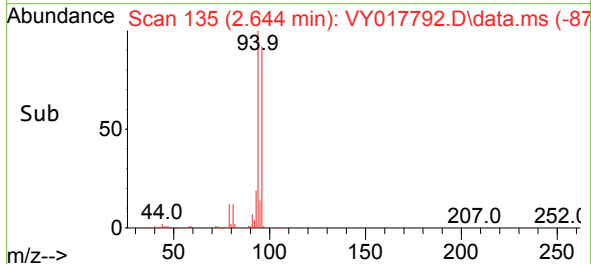
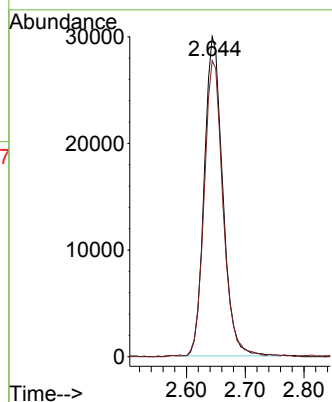
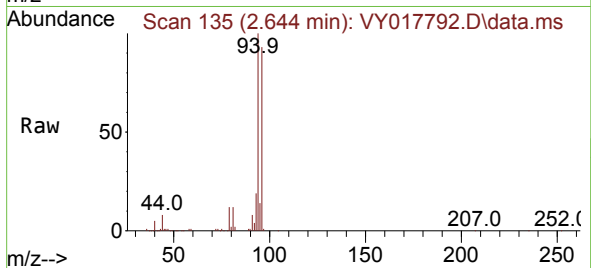
VSTDICC020

Tgt Ion: 94 Resp: 65345

Ion Ratio Lower Upper

94 100

96 92.3 74.1 111.1



#6

Chloroethane

Concen: 17.898 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.006 min

Lab File: VY017792.D

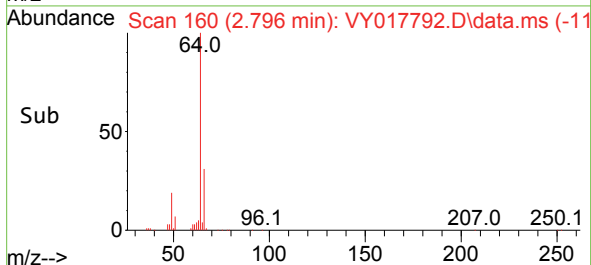
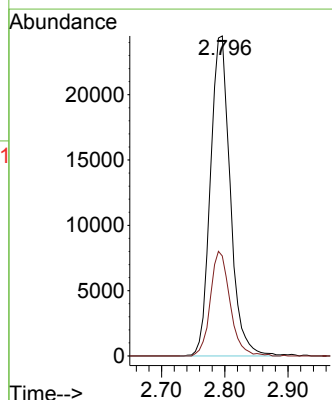
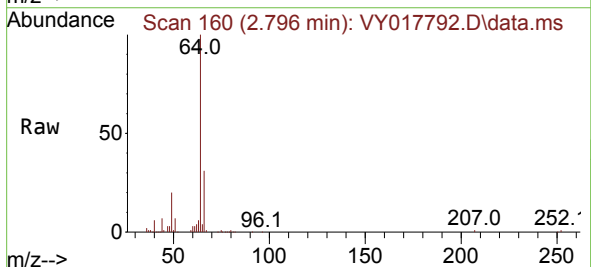
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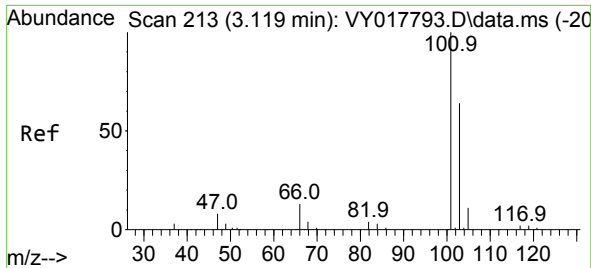
Tgt Ion: 64 Resp: 53222

Ion Ratio Lower Upper

64 100

66 31.3 26.1 39.1

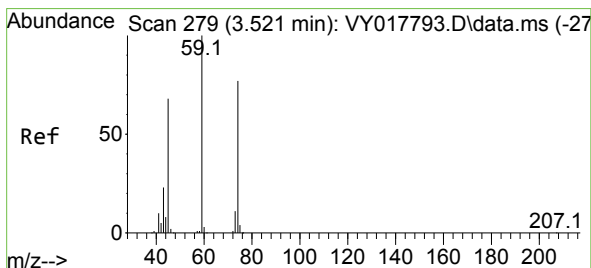
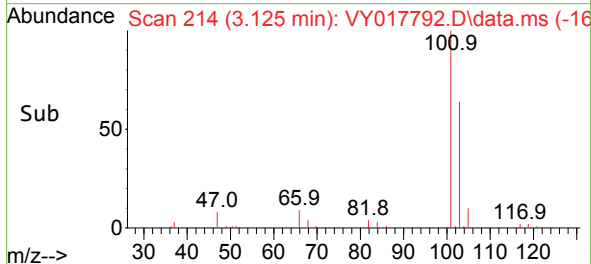
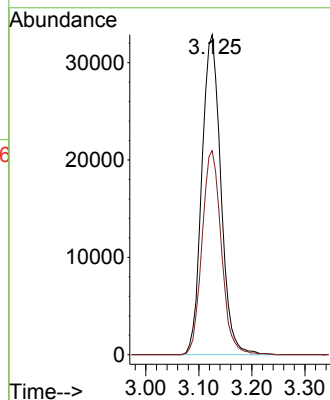
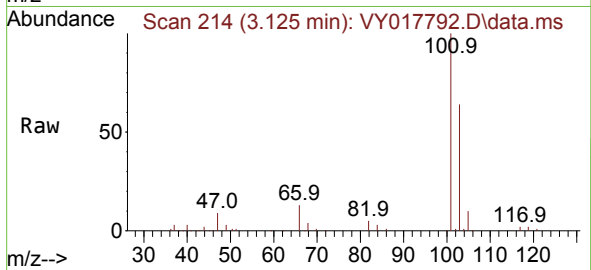




#7
 Trichlorofluoromethane
 Concen: 18.403 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017792.D
 Acq: 29 Mar 2024 15:33

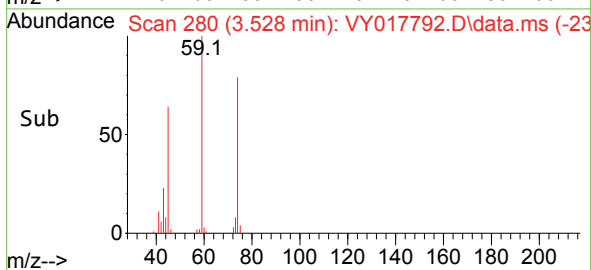
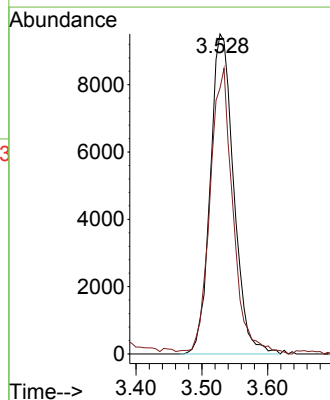
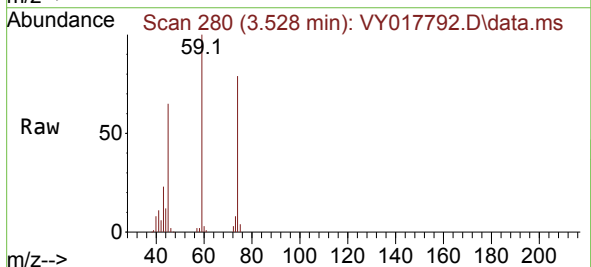
Instrument :
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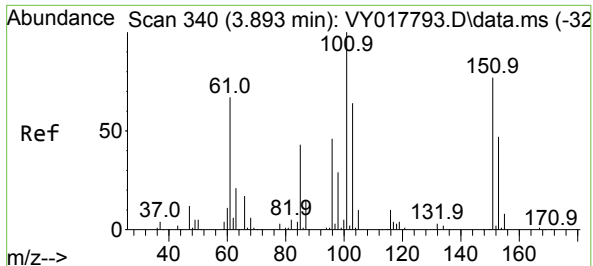
Tgt Ion:101 Resp: 81790
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.113 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY017792.D
 Acq: 29 Mar 2024 15:33

Tgt Ion: 74 Resp: 23647
 Ion Ratio Lower Upper
 74 100
 45 87.6 41.3 124.1

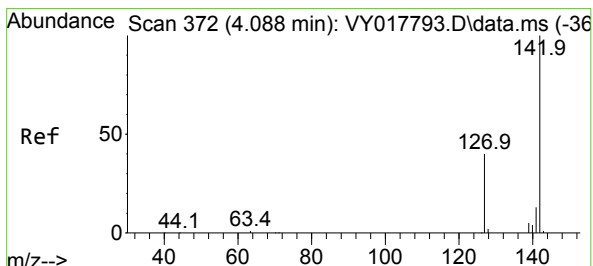
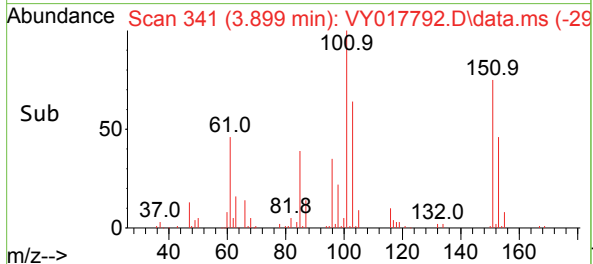
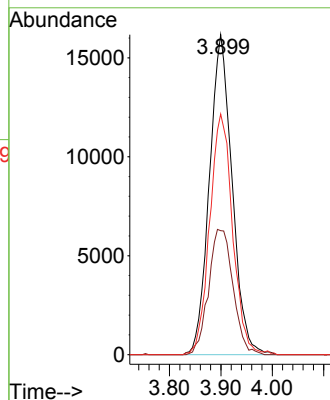
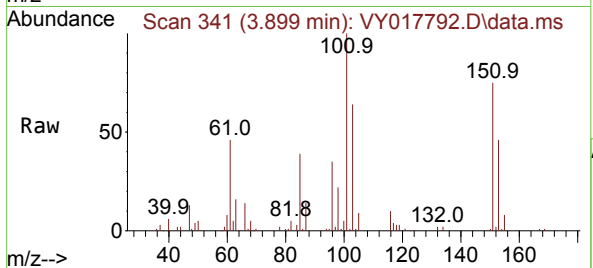




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.616 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

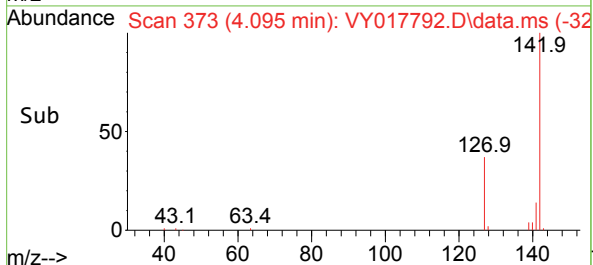
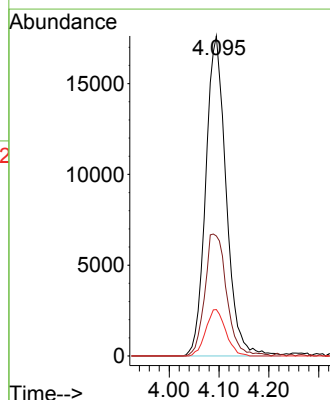
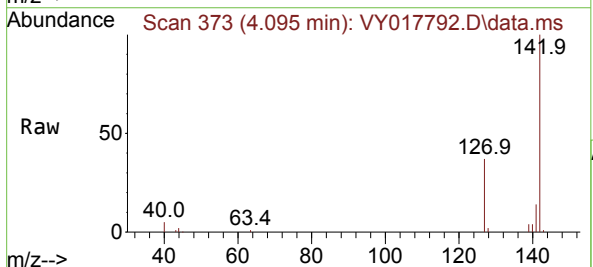
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

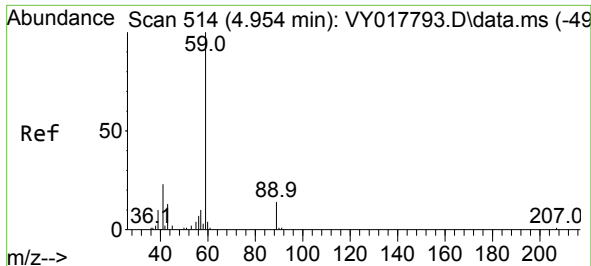
Tgt Ion:101 Resp: 49619
Ion Ratio Lower Upper
101 100
85 42.1 34.5 51.7
151 76.0 61.7 92.5



#10
Methyl Iodide
Concen: 17.276 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion:142 Resp: 50075
Ion Ratio Lower Upper
142 100
127 40.8 32.8 49.2
141 14.2 11.4 17.2

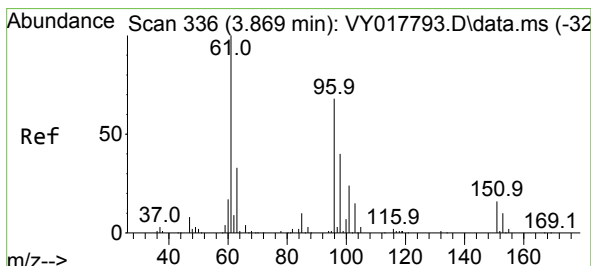
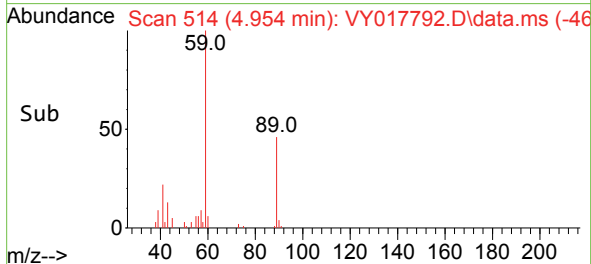
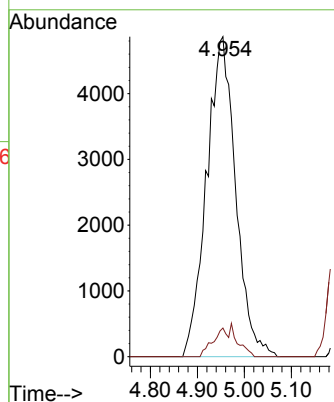
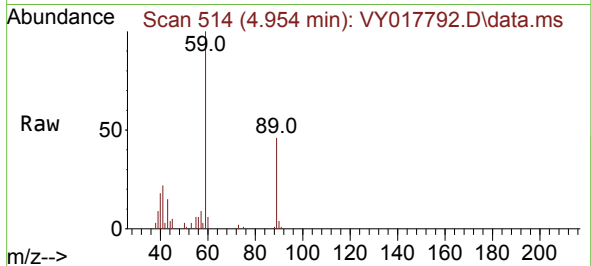




#11
Tert butyl alcohol
Concen: 108.986 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

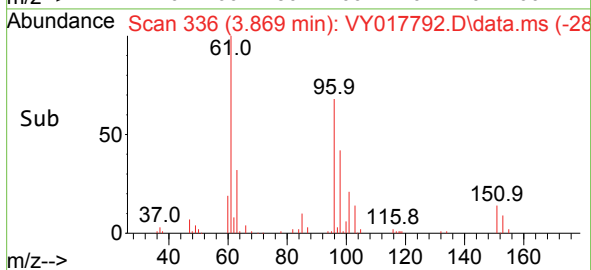
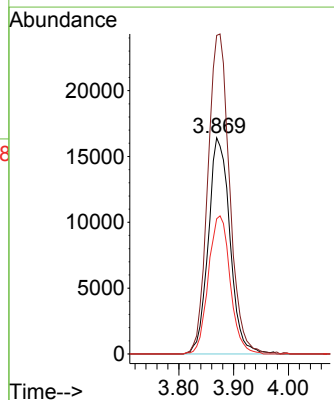
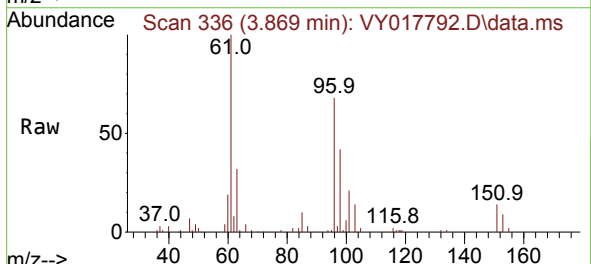
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

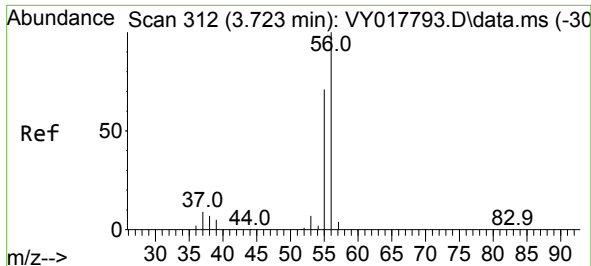
Tgt Ion: 59 Resp: 20926
Ion Ratio Lower Upper
59 100
57 4.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.002 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 96 Resp: 44899
Ion Ratio Lower Upper
96 100
61 147.4 114.6 171.8
98 62.5 50.8 76.2





#13

Acrolein

Concen: 105.522 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

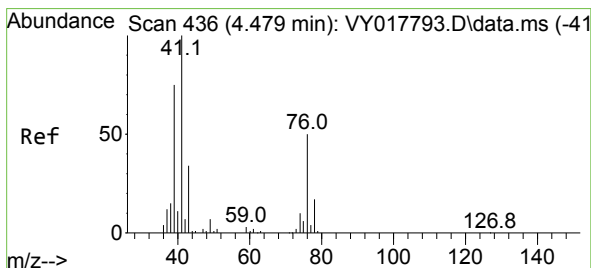
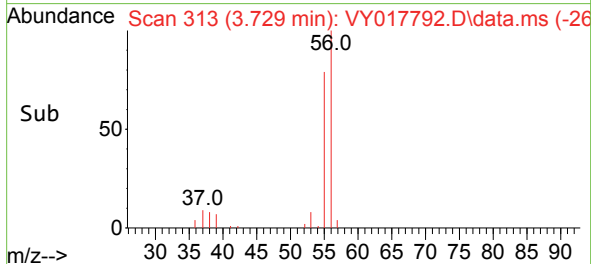
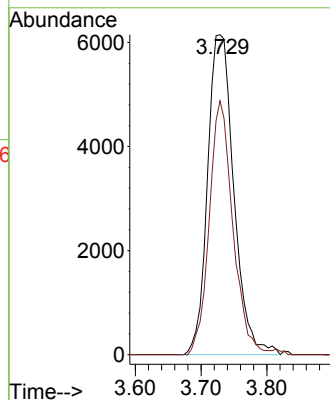
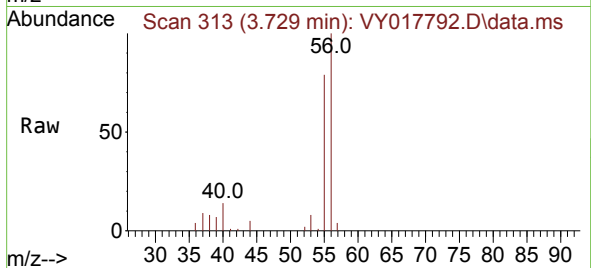
VSTDIC020

Tgt Ion: 56 Resp: 17092

Ion Ratio Lower Upper

56 100

55 71.4 55.7 83.5



#14

Allyl chloride

Concen: 17.847 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

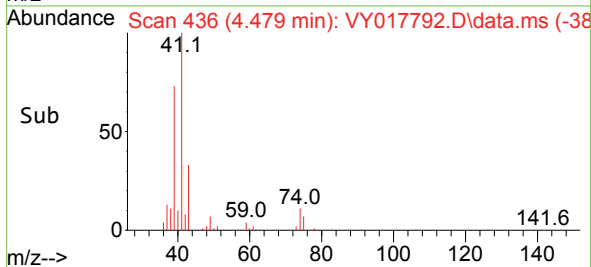
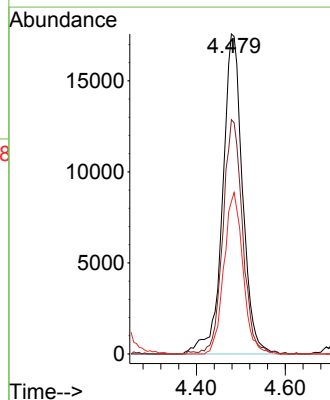
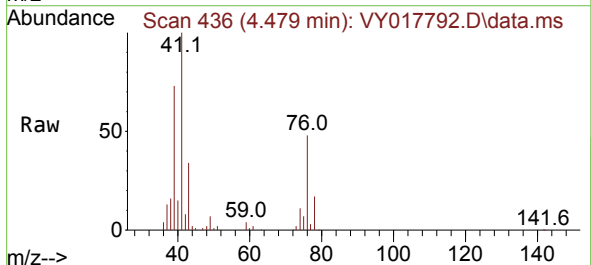
Tgt Ion: 41 Resp: 54609

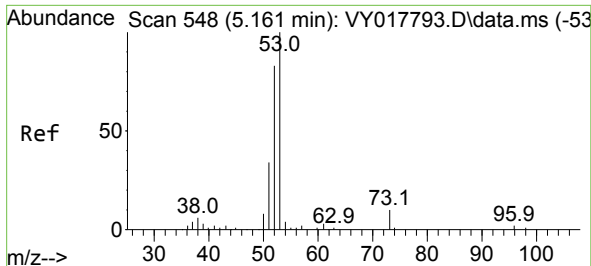
Ion Ratio Lower Upper

41 100

39 72.0 58.3 87.5

76 48.0 39.0 58.6

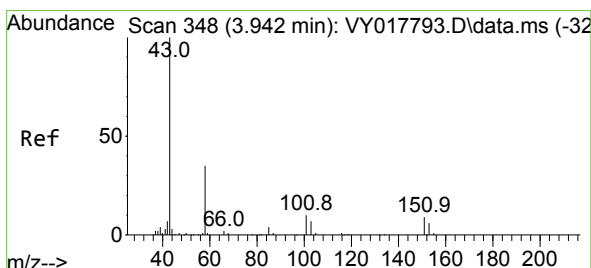
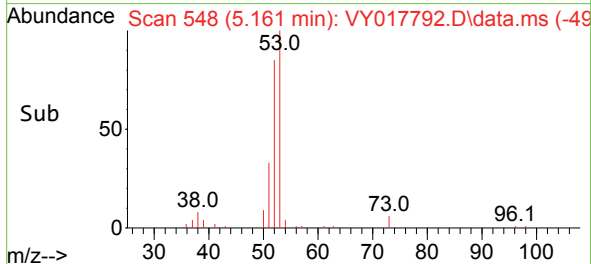
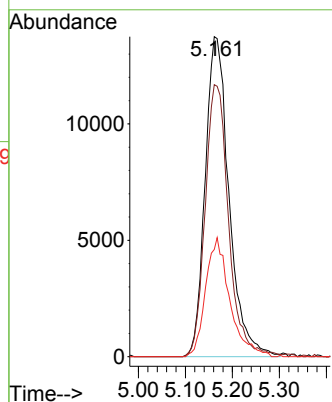
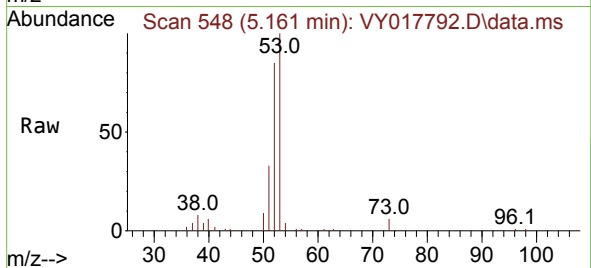




#15
Acrylonitrile
Concen: 87.968 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

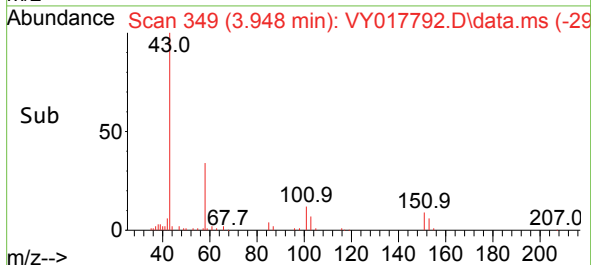
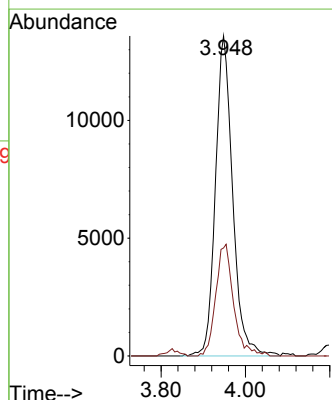
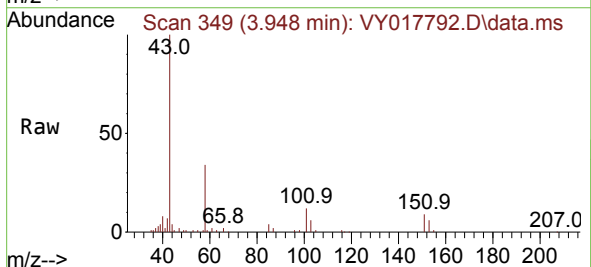
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

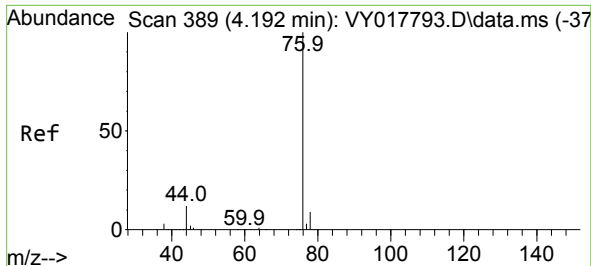
Tgt Ion: 53 Resp: 48478
Ion Ratio Lower Upper
53 100
52 83.5 64.7 97.1
51 37.6 28.4 42.6



#16
Acetone
Concen: 80.446 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 43 Resp: 38445
Ion Ratio Lower Upper
43 100
58 33.8 31.7 47.5





#17

Carbon Disulfide

Concen: 16.969 ug/l

RT: 4.198 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

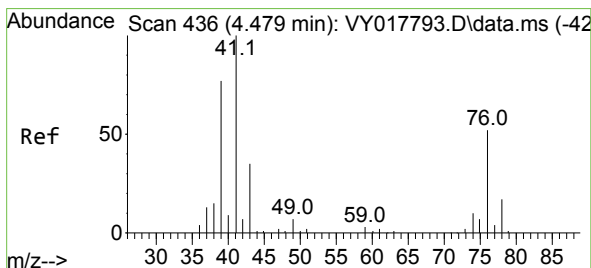
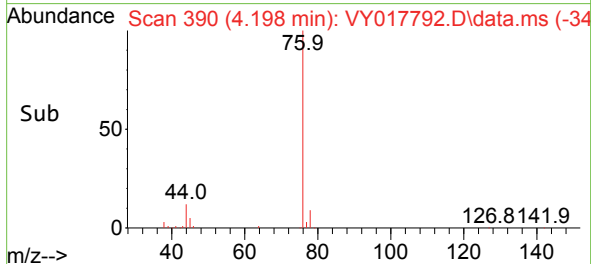
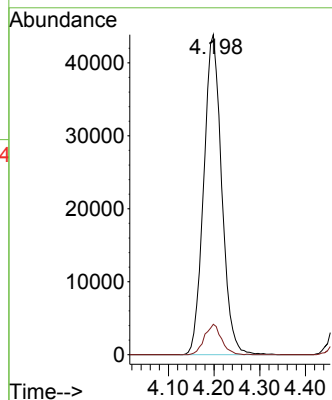
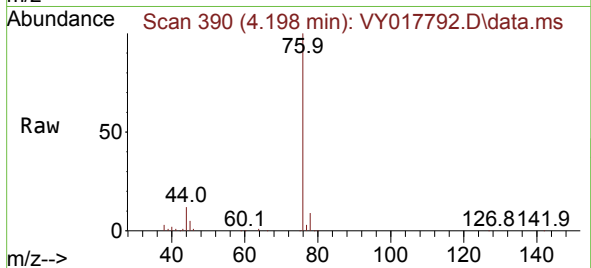
VSTDICC020

Tgt Ion: 76 Resp: 119771

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 18.220 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017792.D

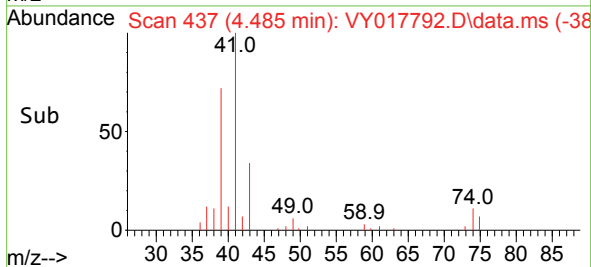
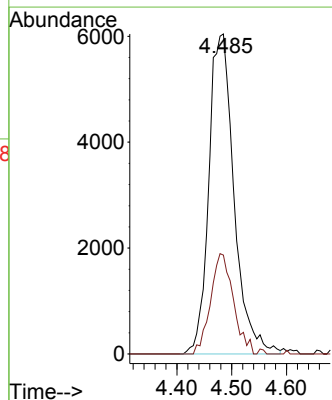
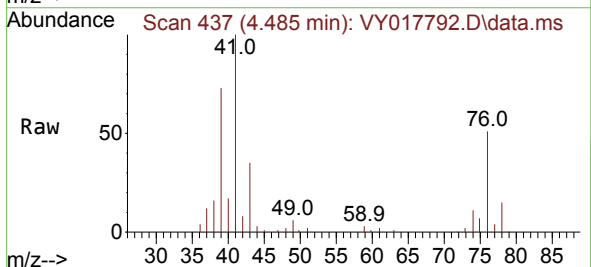
Acq: 29 Mar 2024 15:33

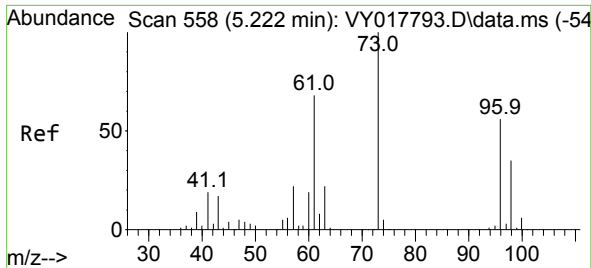
Tgt Ion: 43 Resp: 19286

Ion Ratio Lower Upper

43 100

74 28.3 23.3 34.9

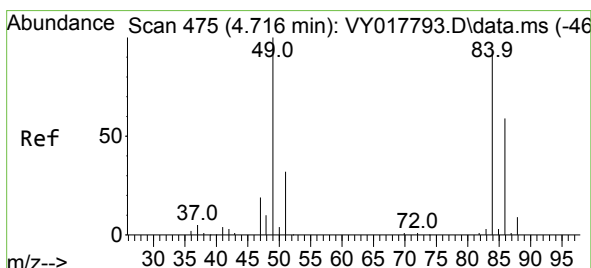
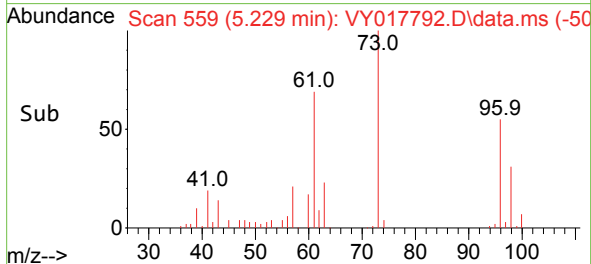
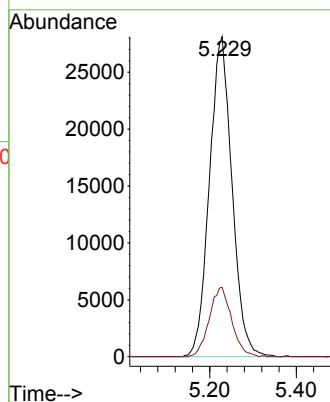
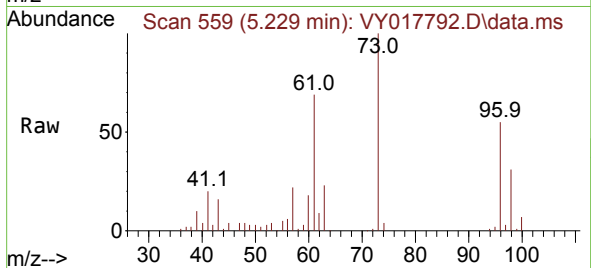




#19
Methyl tert-butyl Ether
Concen: 17.856 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

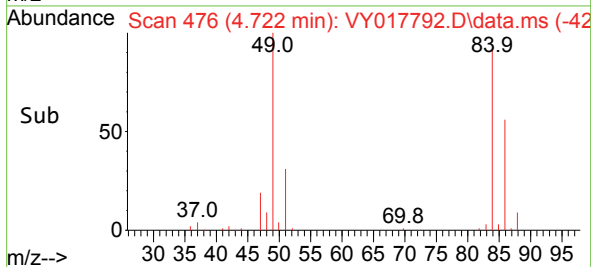
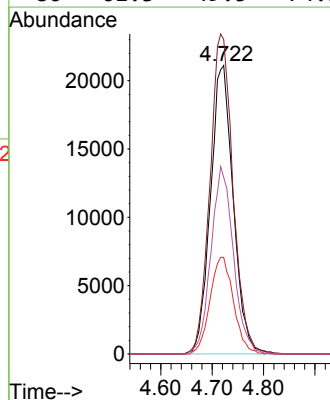
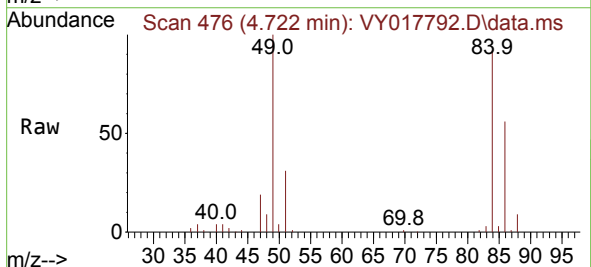
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

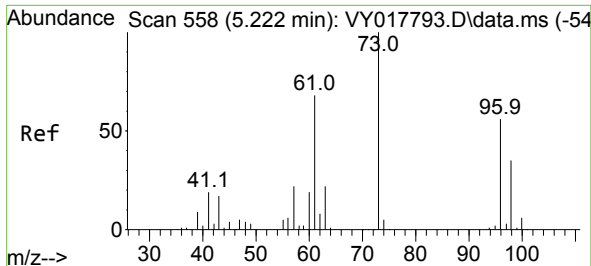
Tgt Ion: 73 Resp: 101970
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 20.615 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 84 Resp: 64942
Ion Ratio Lower Upper
84 100
49 109.0 84.4 126.6
51 33.5 26.0 39.0
86 61.3 49.5 74.3

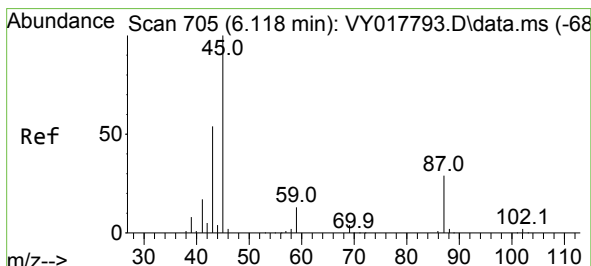
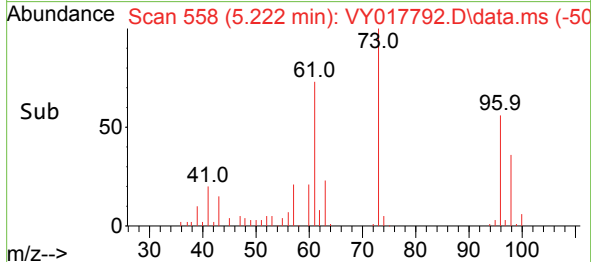
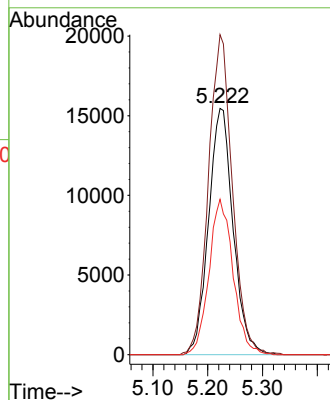
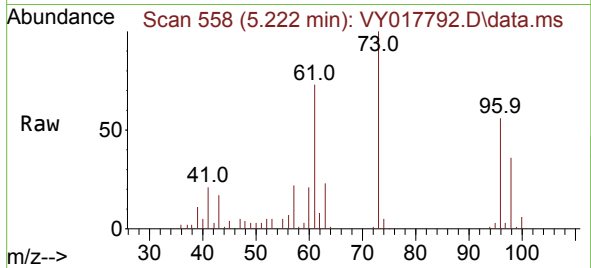




#21
trans-1,2-Dichloroethene
Concen: 18.010 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

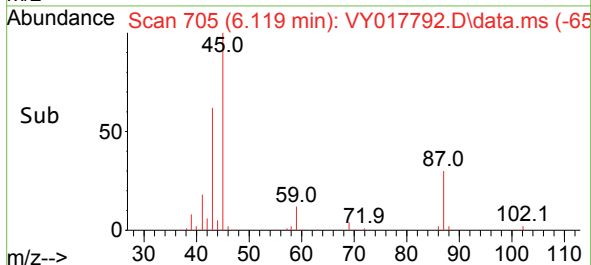
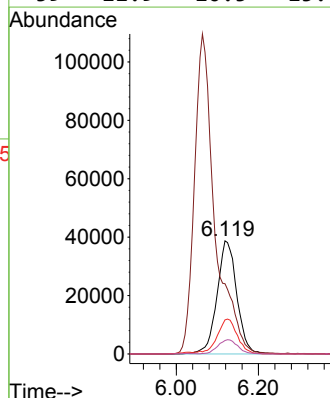
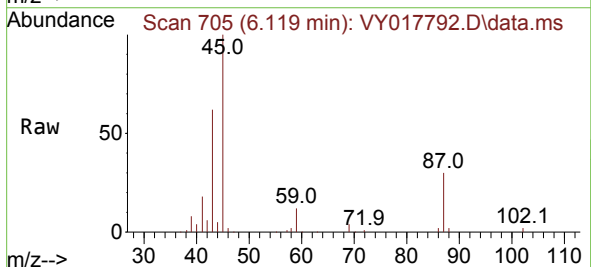
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

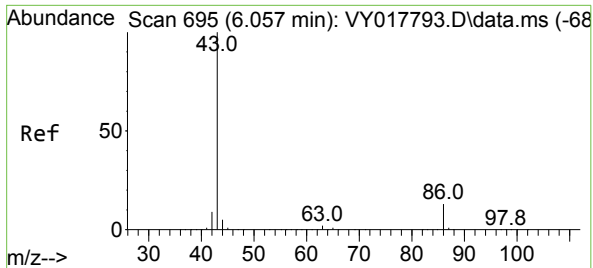
Tgt Ion: 96 Resp: 48069
Ion Ratio Lower Upper
96 100
61 130.0 97.5 146.3
98 63.1 50.5 75.7



#22
Diisopropyl ether
Concen: 18.298 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 45 Resp: 129414
Ion Ratio Lower Upper
45 100
43 61.6 42.2 63.2
87 30.1 25.0 37.6
59 11.9 10.5 15.7

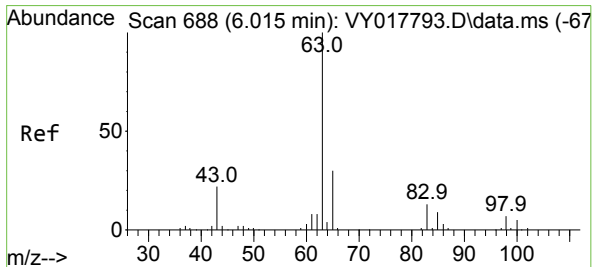
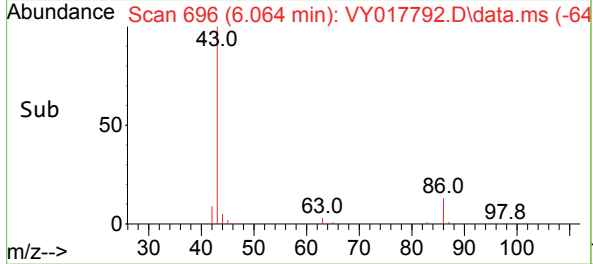
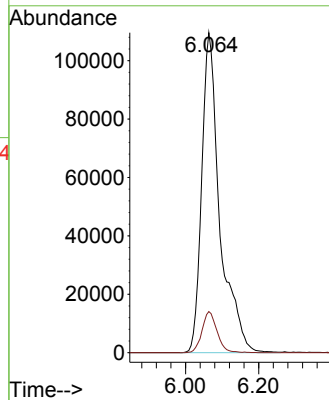
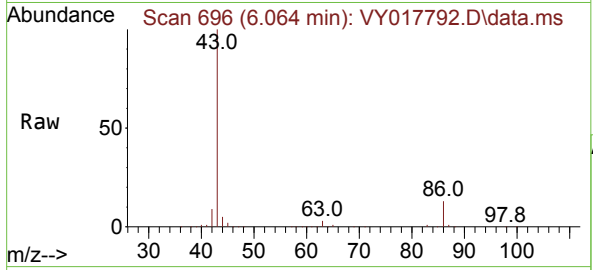




#23
 Vinyl Acetate
 Concen: 87.455 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017792.D
 Acq: 29 Mar 2024 15:33

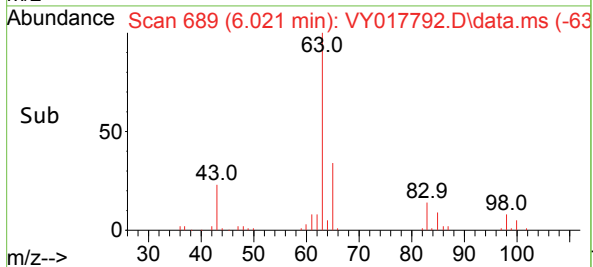
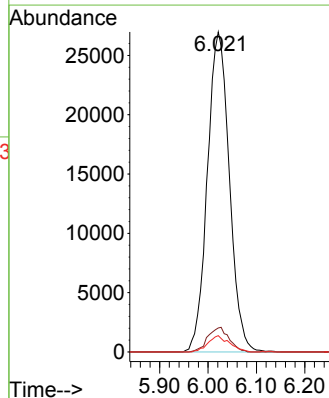
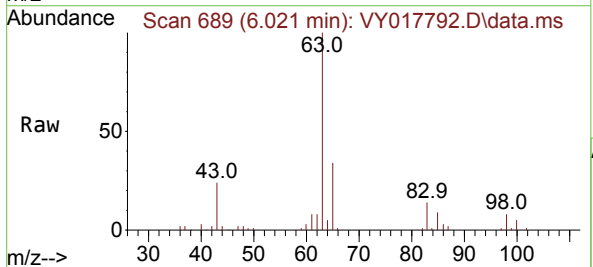
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

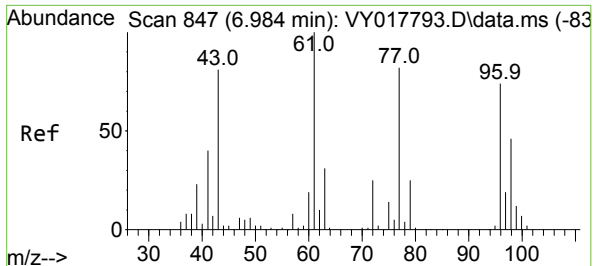
Tgt Ion: 43 Resp: 377638
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.150 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017792.D
 Acq: 29 Mar 2024 15:33

Tgt Ion: 63 Resp: 85199
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 84.784 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

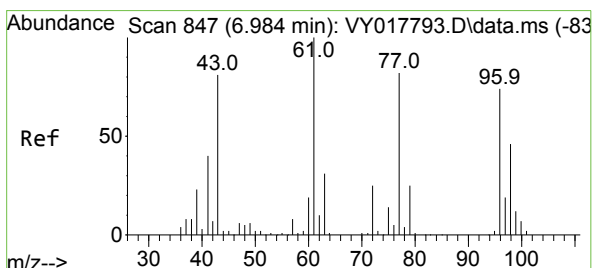
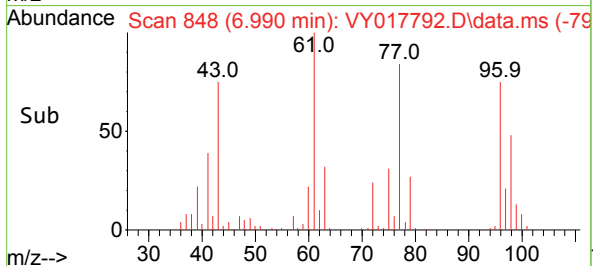
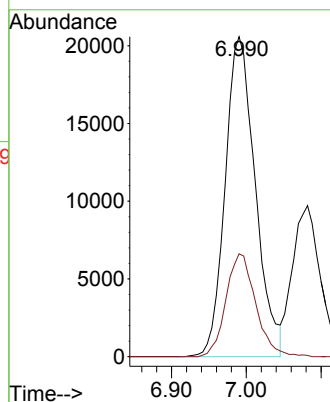
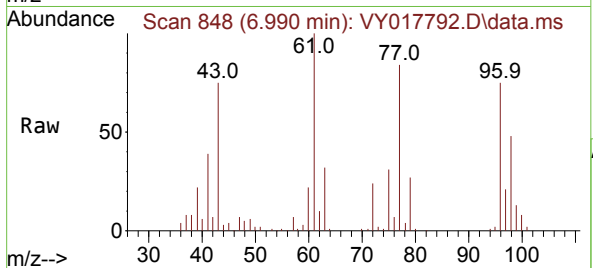
VSTDIC020

Tgt Ion: 43 Resp: 57721

Ion Ratio Lower Upper

43 100

72 32.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 17.706 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017792.D

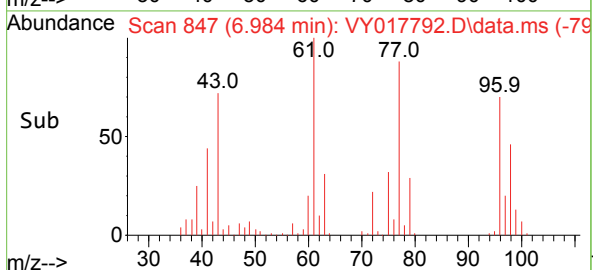
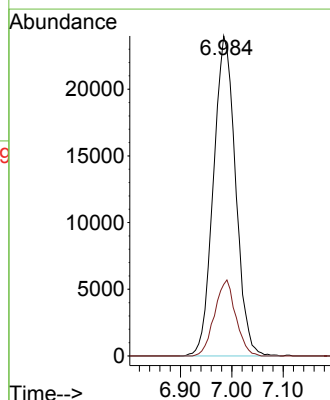
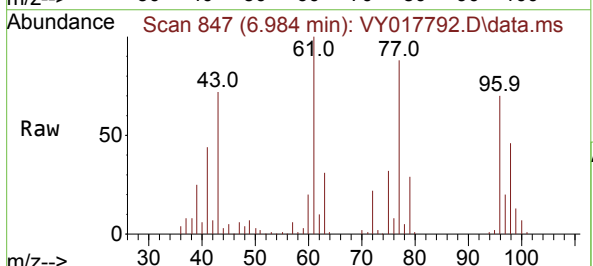
Acq: 29 Mar 2024 15:33

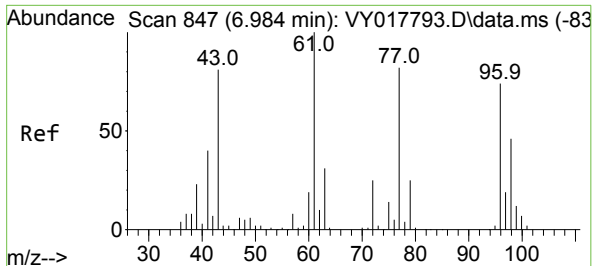
Tgt Ion: 77 Resp: 71788

Ion Ratio Lower Upper

77 100

97 22.7 12.0 36.1

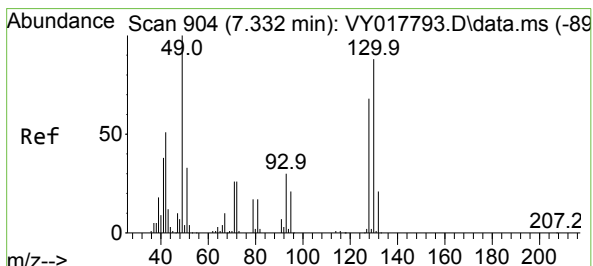
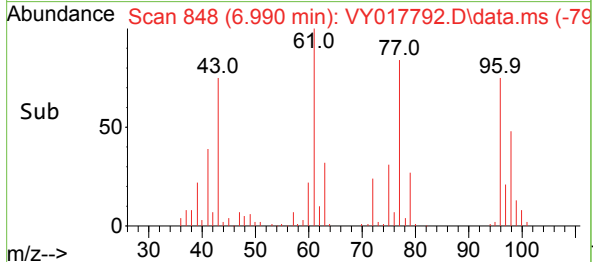
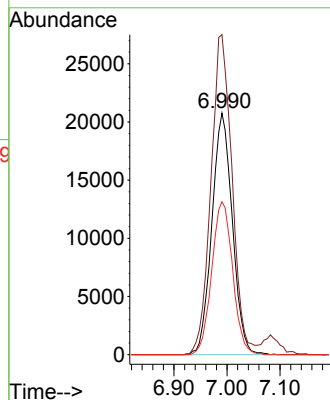
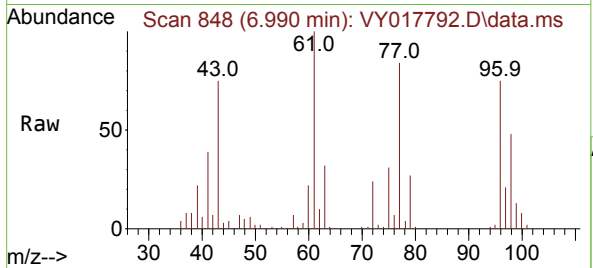




#27
 cis-1,2-Dichloroethene
 Concen: 17.668 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY017792.D
 Acq: 29 Mar 2024 15:33

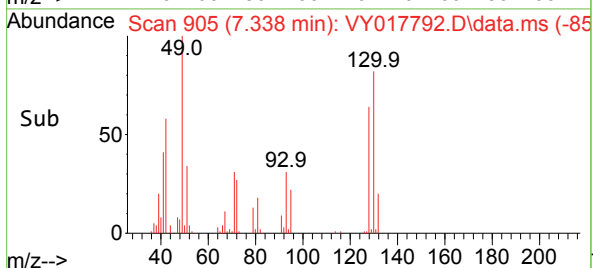
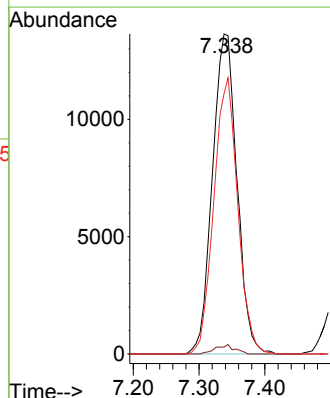
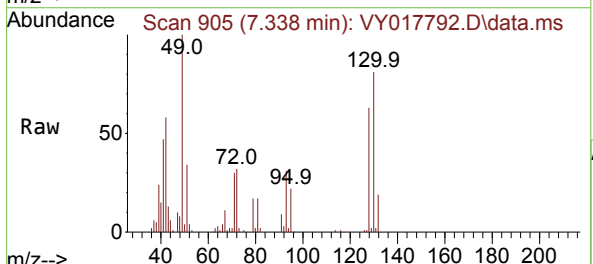
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

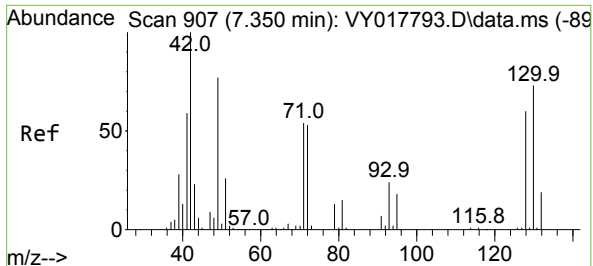
Tgt Ion:	96	Resp:	55729
Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	256.2
98	64.6	0.0	130.0



#28
 Bromochloromethane
 Concen: 18.544 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY017792.D
 Acq: 29 Mar 2024 15:33

Tgt Ion:	49	Resp:	35399
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	84.2	72.7	109.1





#29

Tetrahydrofuran

Concen: 85.733 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

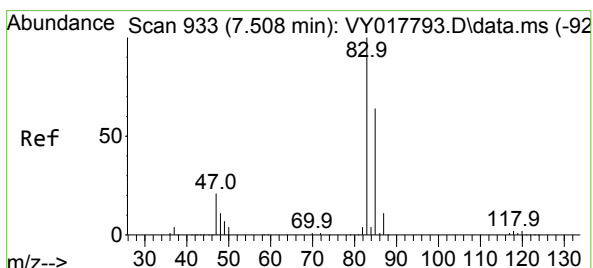
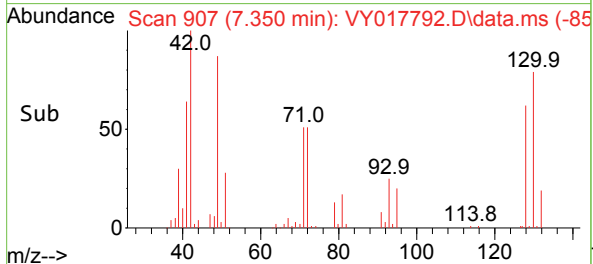
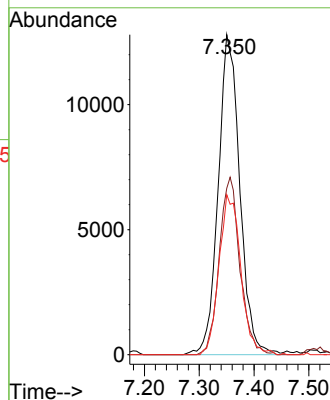
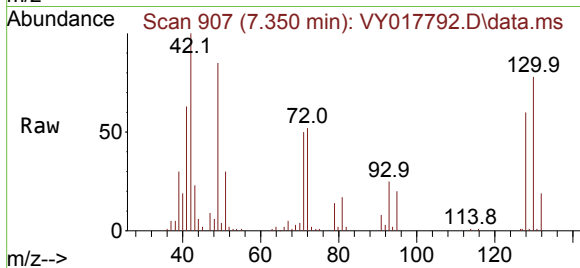
Tgt Ion: 42 Resp: 35022

Ion Ratio Lower Upper

42 100

72 53.2 43.0 64.4

71 50.5 40.8 61.2



#30

Chloroform

Concen: 18.149 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017792.D

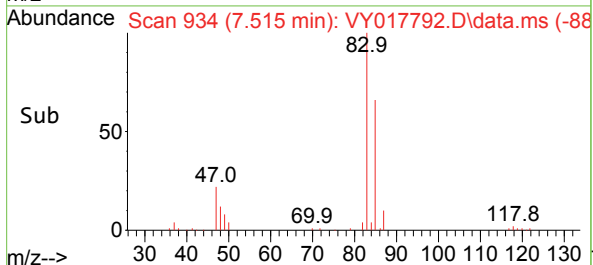
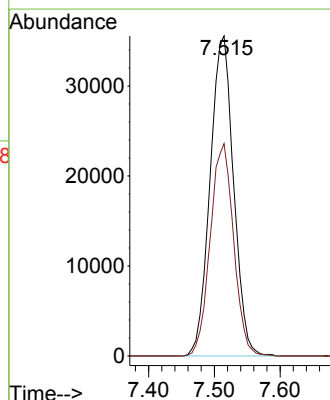
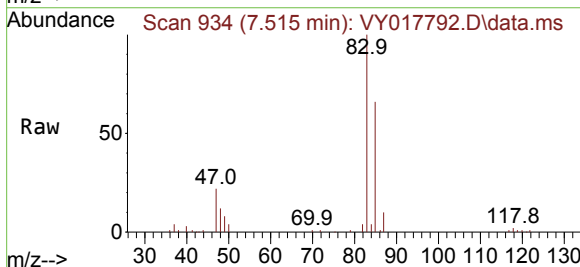
Acq: 29 Mar 2024 15:33

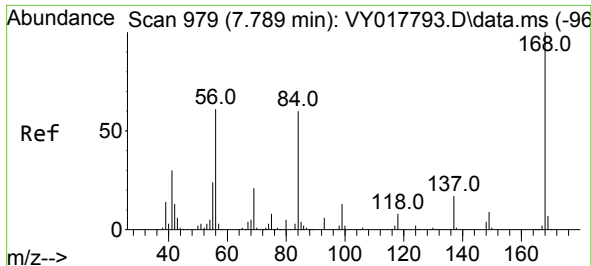
Tgt Ion: 83 Resp: 88393

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.4

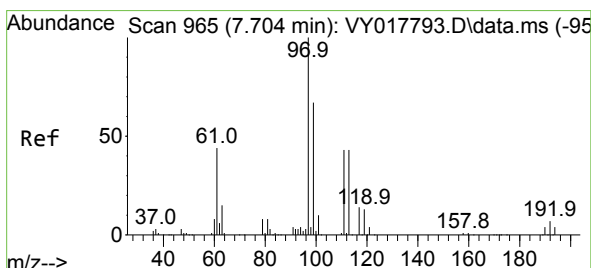
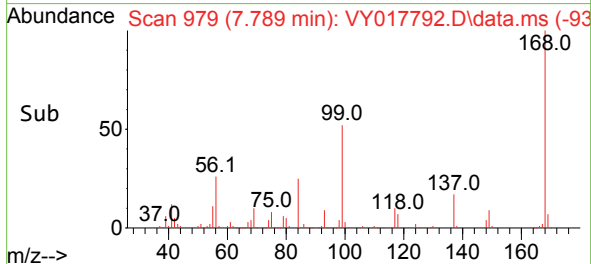
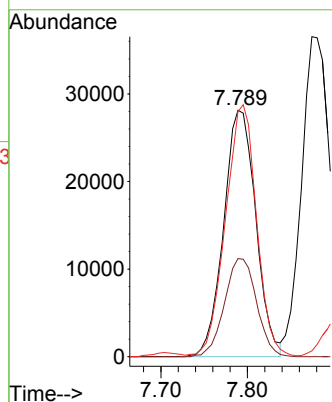
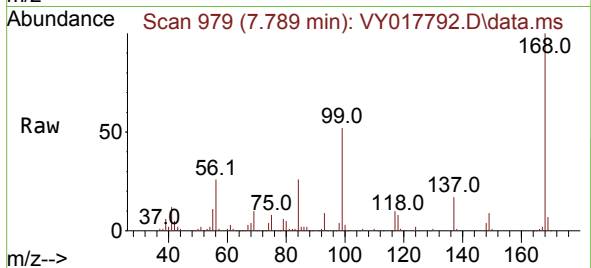




#31
Cyclohexane
Concen: 17.819 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

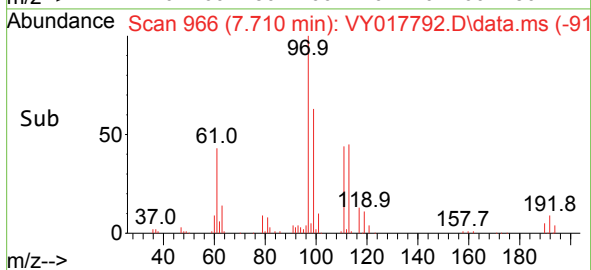
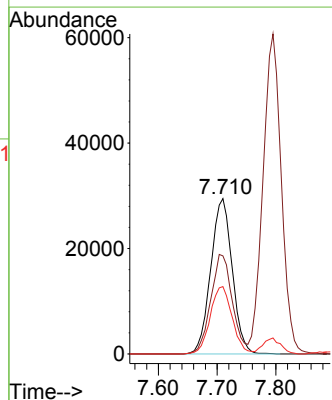
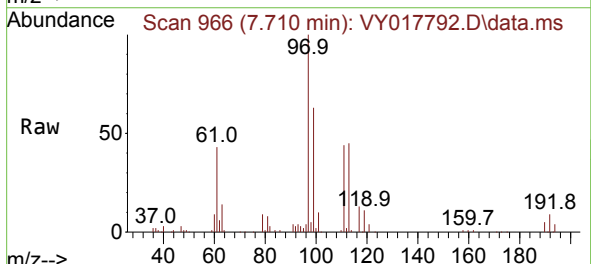
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

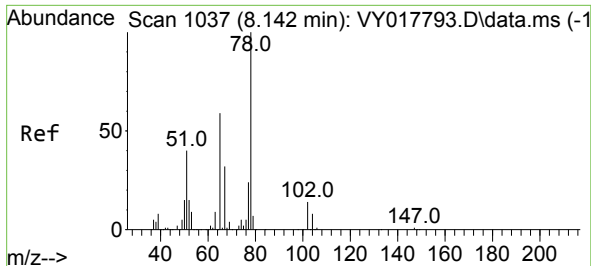
Tgt Ion: 56 Resp: 72574
Ion Ratio Lower Upper
56 100
69 39.8 28.7 43.1
84 98.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 18.019 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 97 Resp: 74693
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 44.6 32.6 48.8

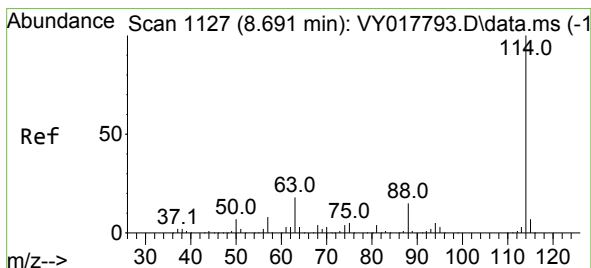
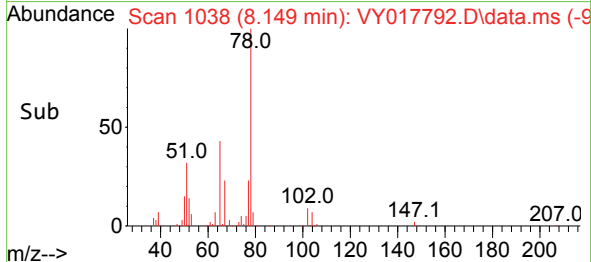
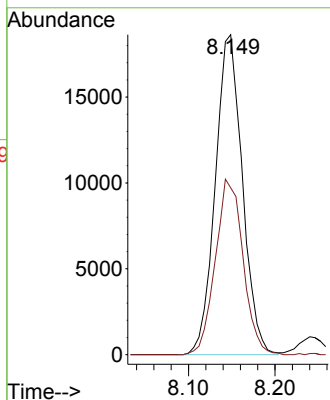
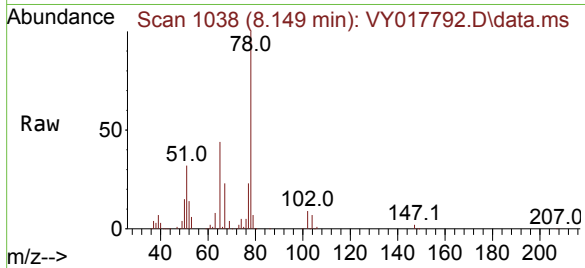




#33
1,2-Dichloroethane-d4
Concen: 17.495 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

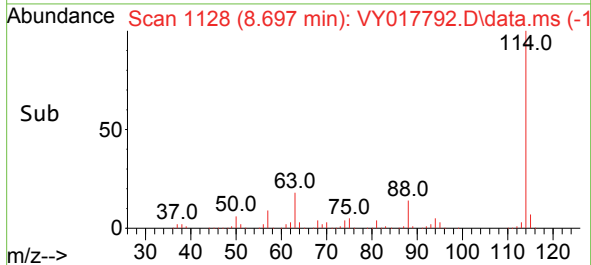
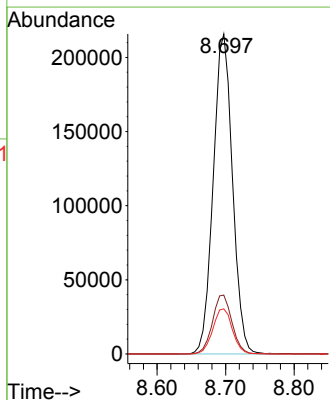
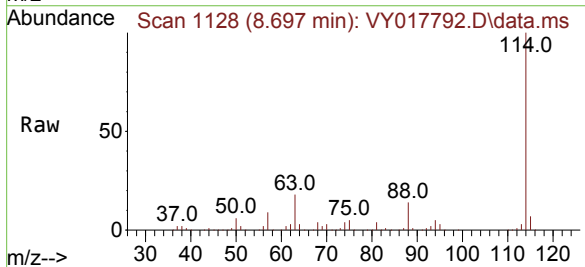
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

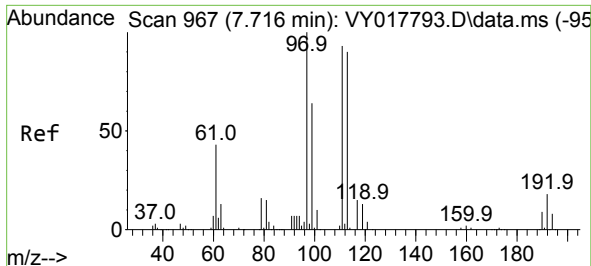
Tgt Ion: 65 Resp: 40448
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion:114 Resp: 419982
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 18.080 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

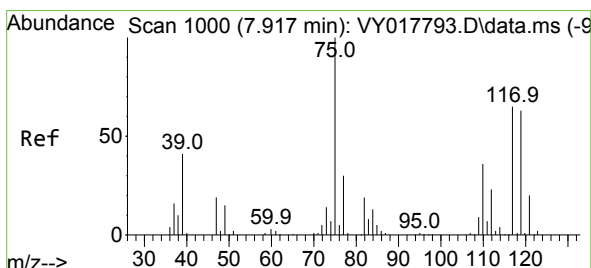
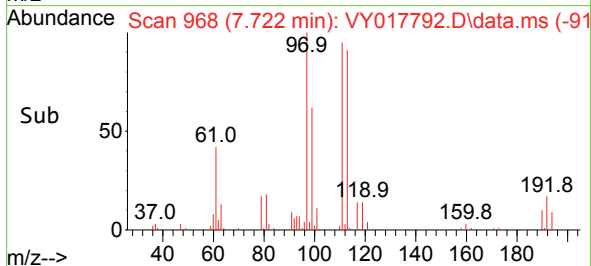
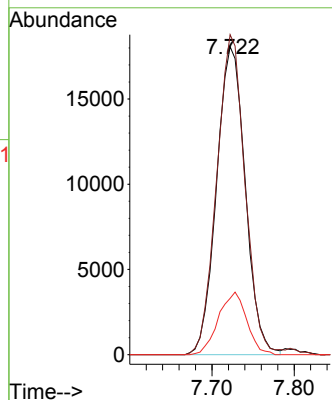
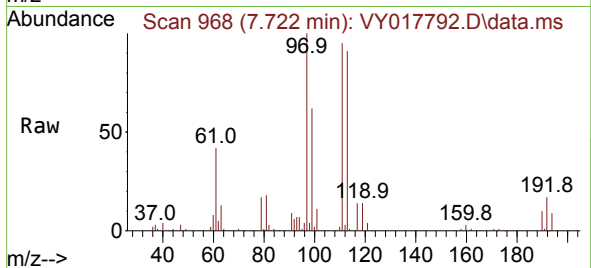
Tgt Ion:113 Resp: 43877

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 20.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.021 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

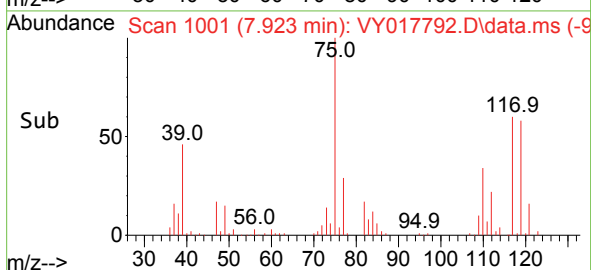
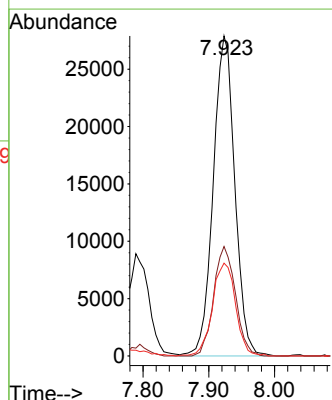
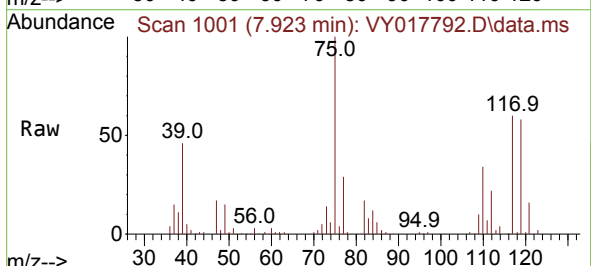
Tgt Ion: 75 Resp: 63811

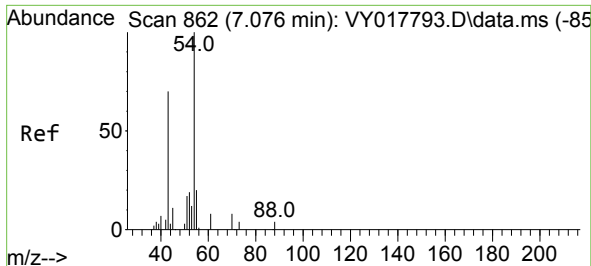
Ion Ratio Lower Upper

75 100

110 34.5 19.0 57.0

77 31.1 25.3 37.9

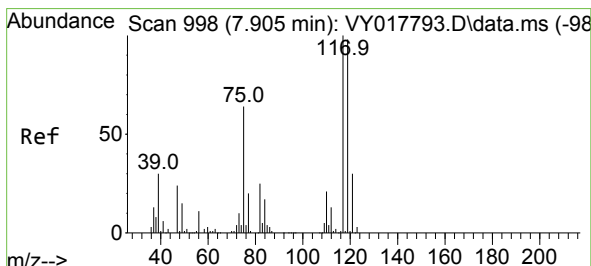
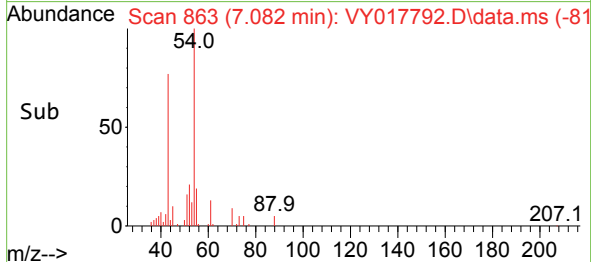
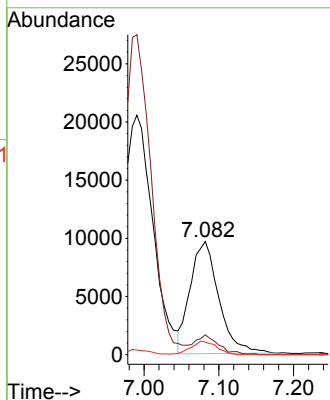
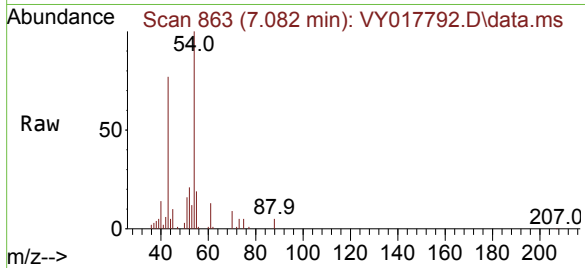




#37
Ethyl Acetate
Concen: 16.811 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

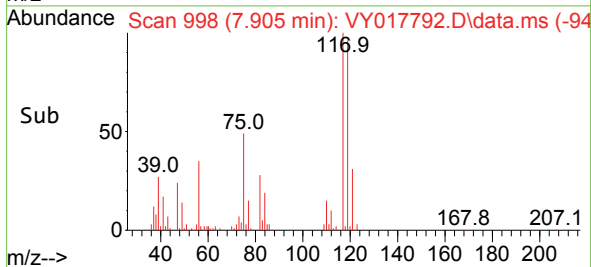
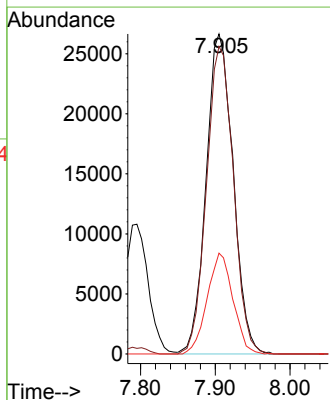
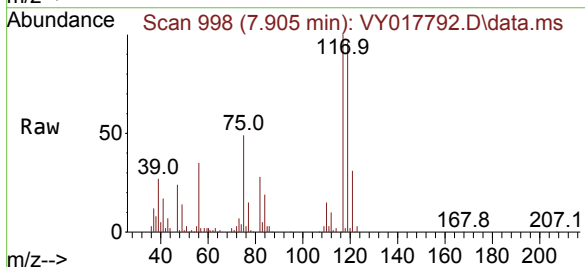
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

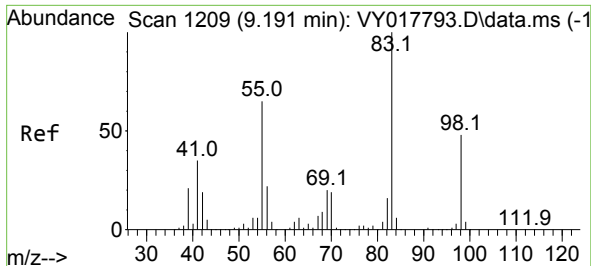
Tgt Ion: 43 Resp: 25689
Ion Ratio Lower Upper
43 100
61 14.7 12.6 19.0
70 10.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.202 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 117 Resp: 66908
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 31.5 24.0 36.0

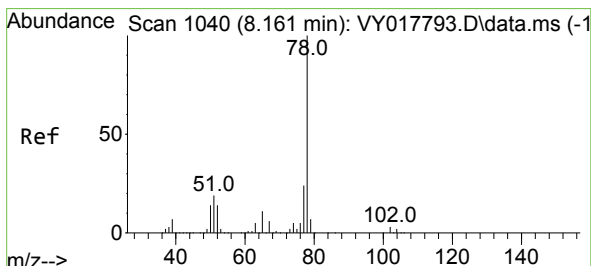
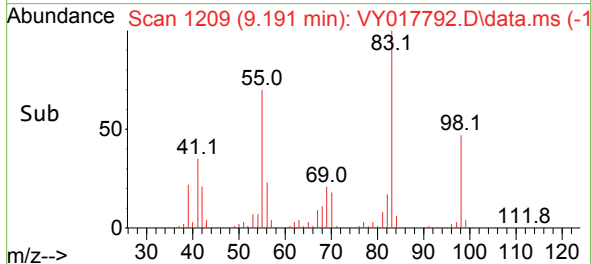
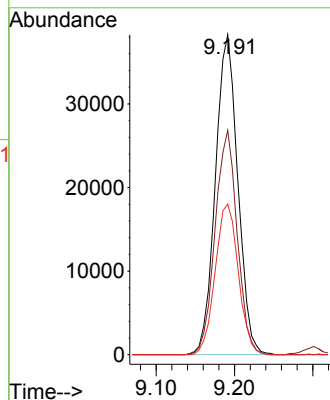
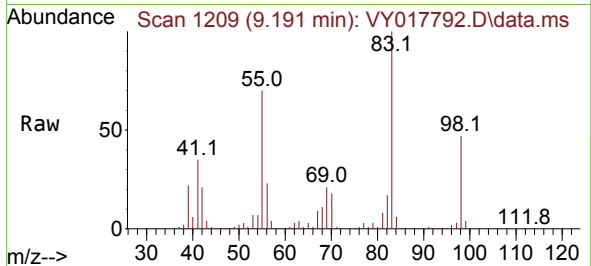




#39
Methylcyclohexane
Concen: 17.212 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

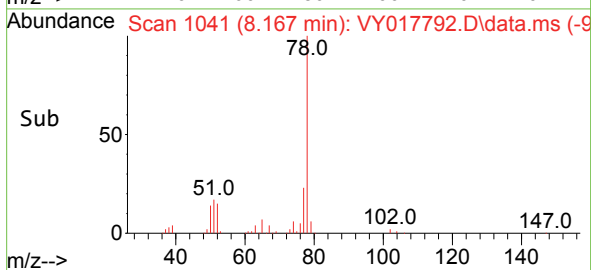
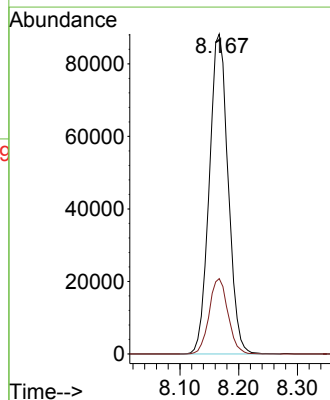
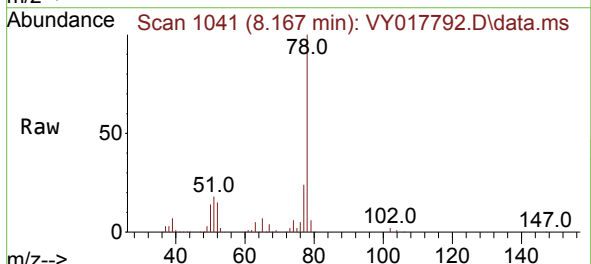
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

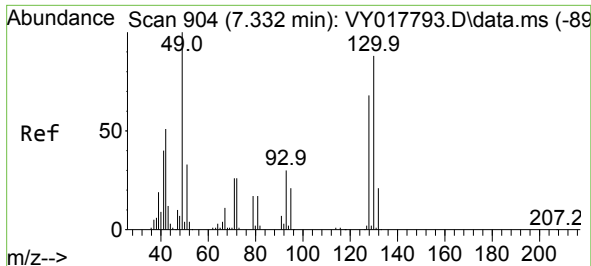
Tgt Ion: 83 Resp: 76128
Ion Ratio Lower Upper
83 100
55 70.1 51.5 77.3
98 47.1 40.5 60.7



#40
Benzene
Concen: 17.980 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 78 Resp: 196207
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

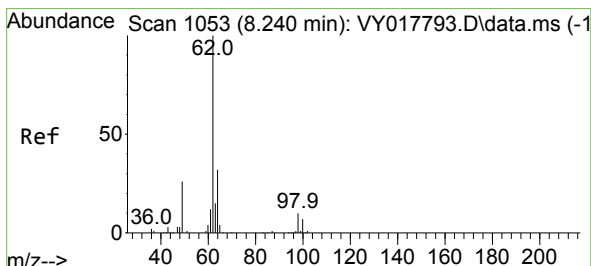
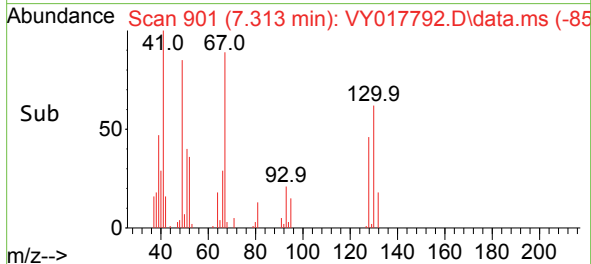
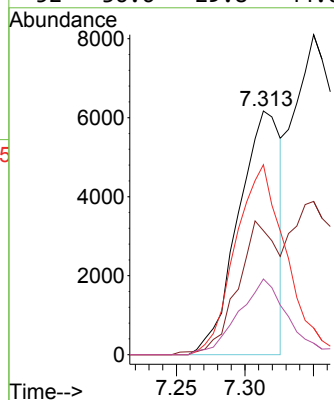
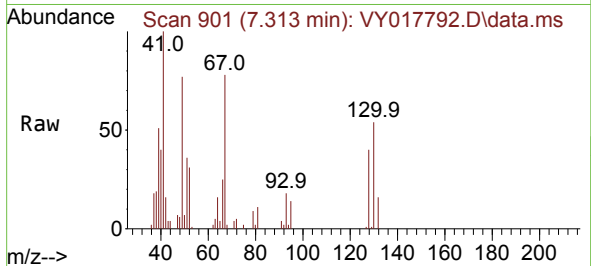




#41
Methacrylonitrile
Concen: 17.108 ug/l
RT: 7.313 min Scan# 904
Delta R.T. -0.019 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

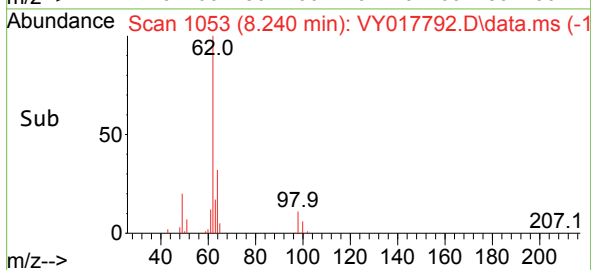
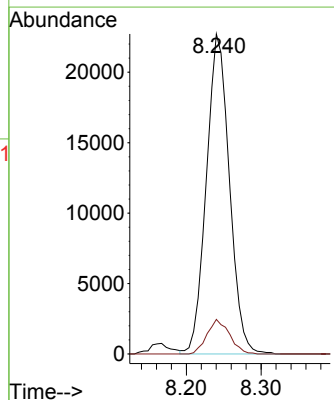
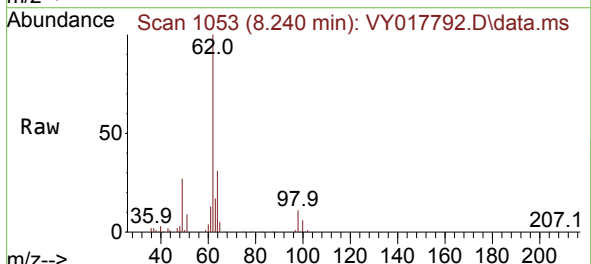
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

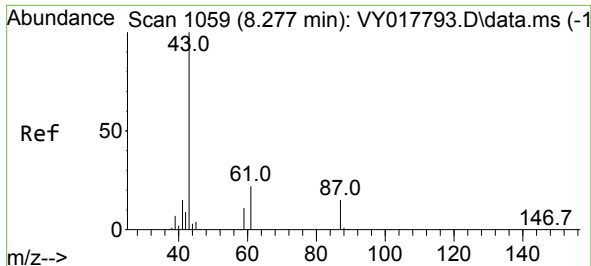
Tgt Ion: 41	Resp: 13205
Ion Ratio	Lower Upper
41 100	
39 51.9	48.0 72.0
67 94.9	75.1 112.7
52 36.6	29.8 44.6



#42
1,2-Dichloroethane
Concen: 18.139 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 62	Resp: 48721
Ion Ratio	Lower Upper
62 100	
98 10.5	0.0 22.0

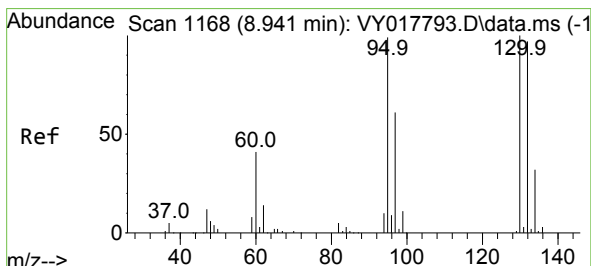
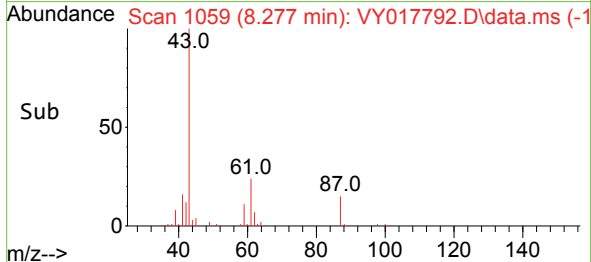
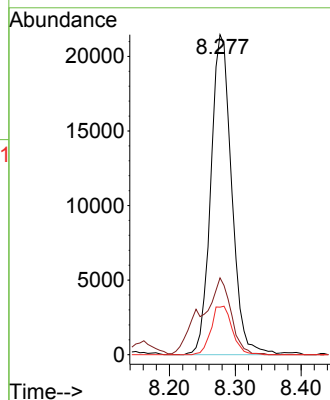
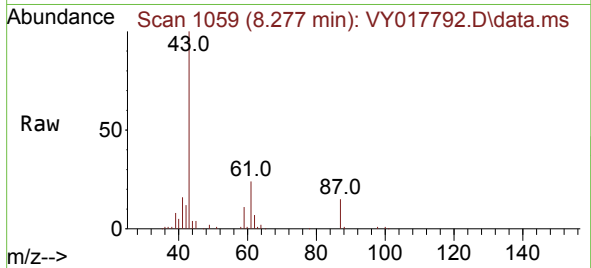




#43
Isopropyl Acetate
Concen: 17.066 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

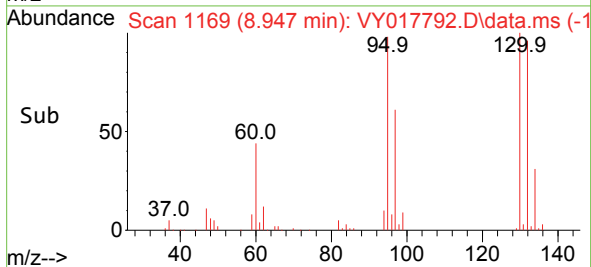
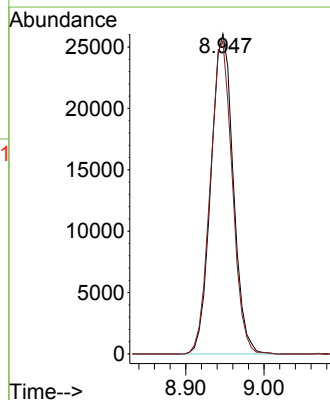
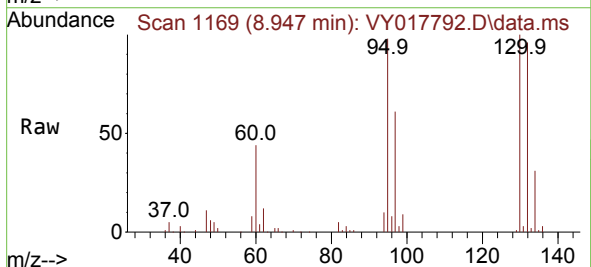
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

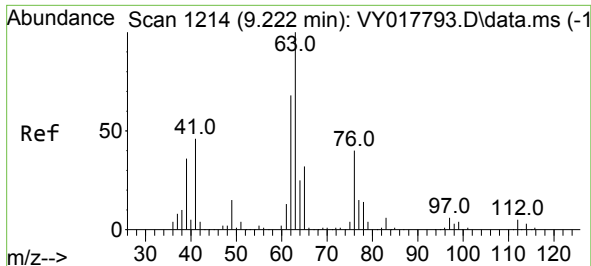
Tgt Ion: 43 Resp: 47325
Ion Ratio Lower Upper
43 100
61 23.2 27.9 41.9#
87 15.3 13.1 19.7



#44
Trichloroethene
Concen: 18.137 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion:130 Resp: 51494
Ion Ratio Lower Upper
130 100
95 97.7 0.0 188.0

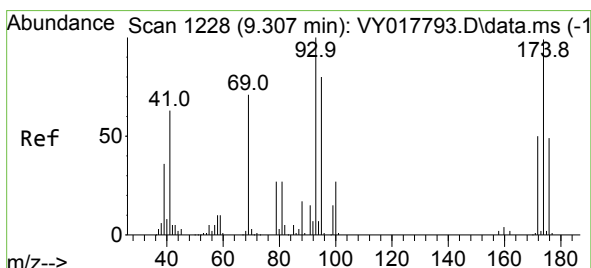
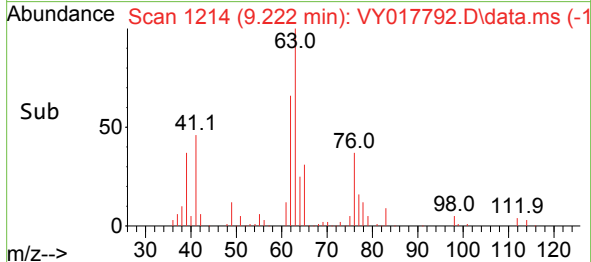
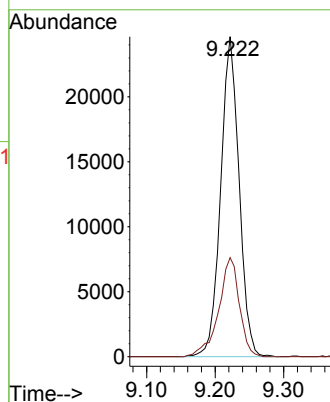
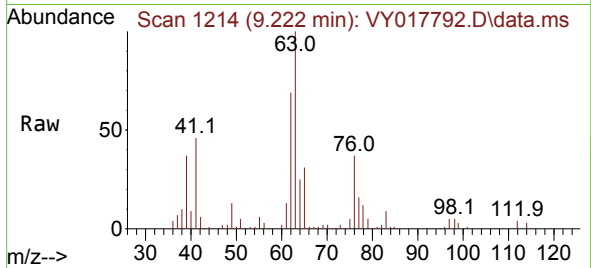




#45
1,2-Dichloropropane
Concen: 18.063 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

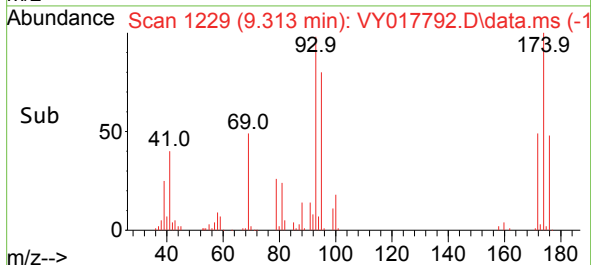
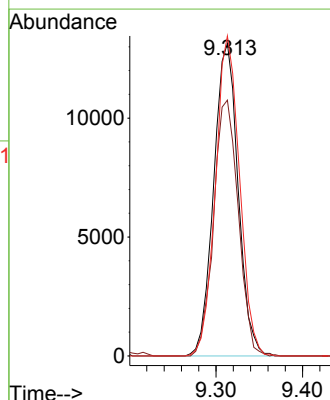
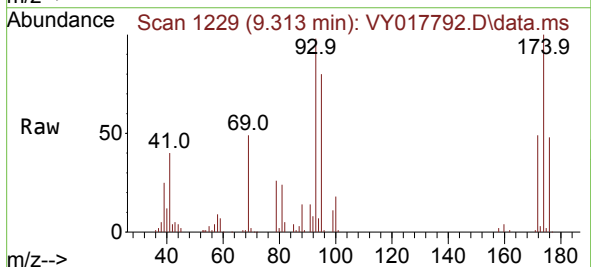
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

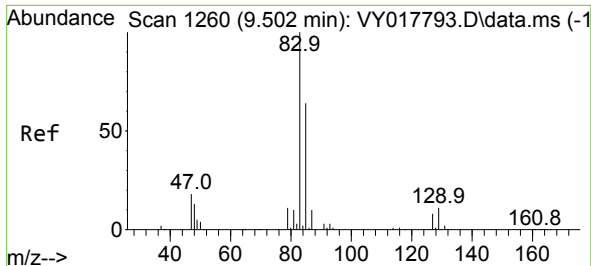
Tgt Ion: 63 Resp: 45803
Ion Ratio Lower Upper
63 100
65 30.9 25.4 38.2



#46
Dibromomethane
Concen: 17.844 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 93 Resp: 25707
Ion Ratio Lower Upper
93 100
95 82.6 66.2 99.4
174 101.0 80.9 121.3

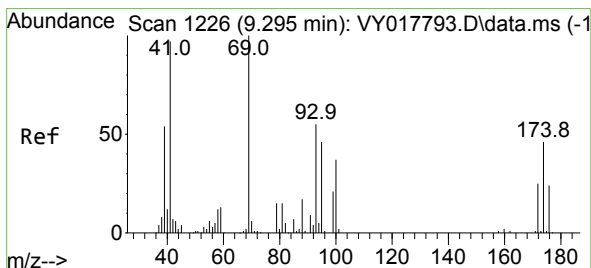
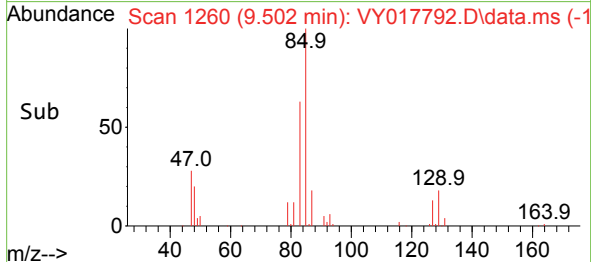
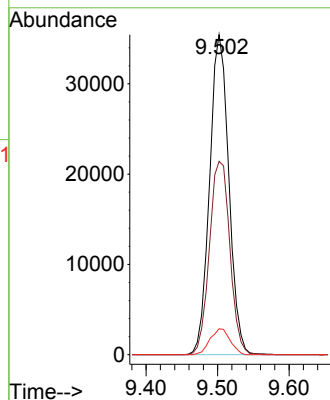
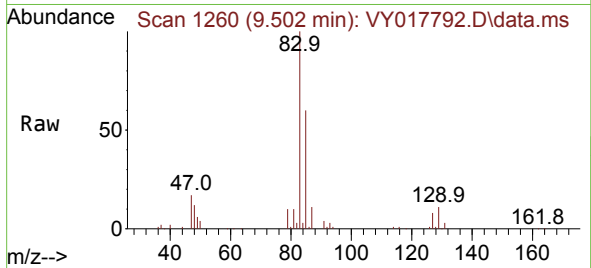




#47
Bromodichloromethane
Concen: 18.148 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

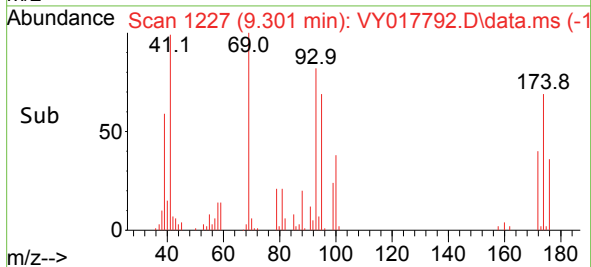
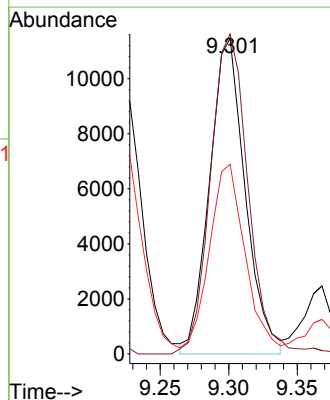
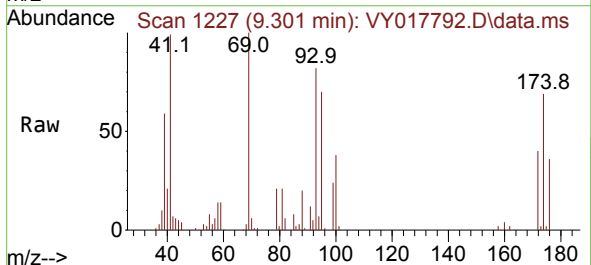
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

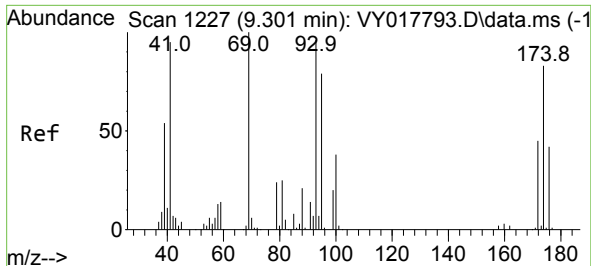
Tgt Ion:	83	Resp:	66063
Ion Ratio	Lower	Upper	
83	100		
85	60.4	50.1	75.1
127	8.1	7.4	11.0



#48
Methyl methacrylate
Concen: 19.481 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion:	41	Resp:	20693
Ion Ratio	Lower	Upper	
41	100		
69	107.9	84.1	126.1
39	57.6	43.6	65.4

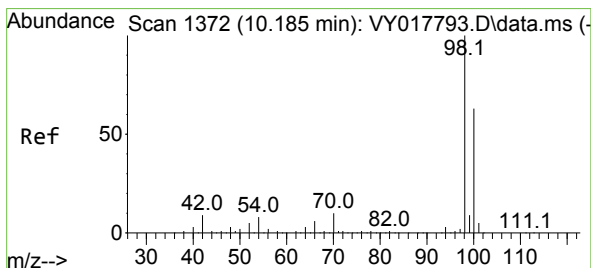
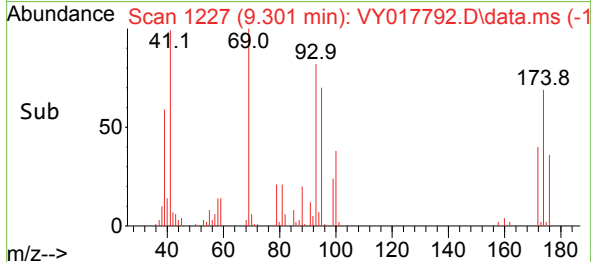
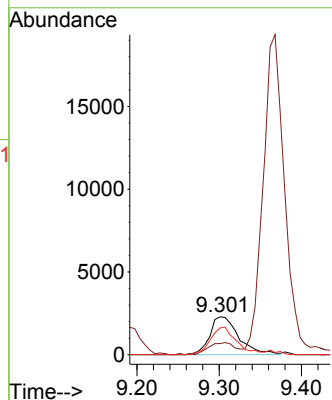
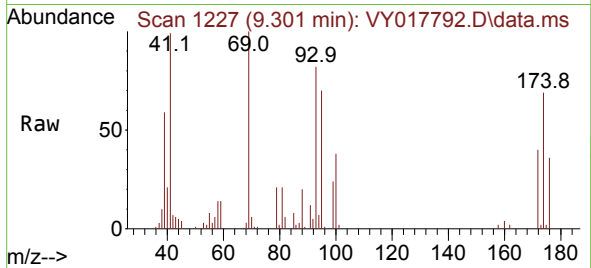




#49
1,4-Dioxane
Concen: 346.511 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

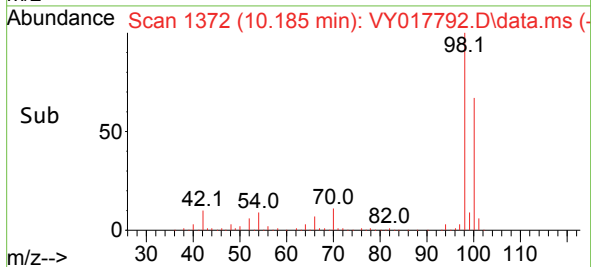
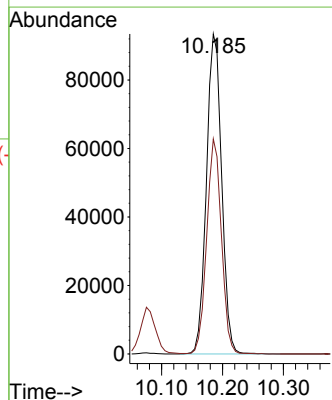
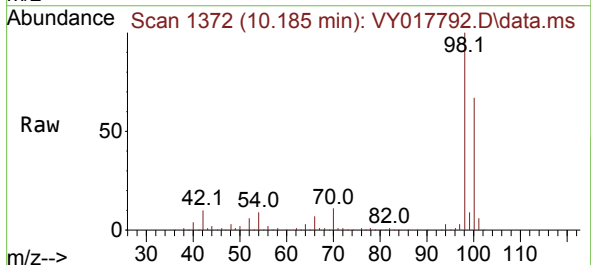
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

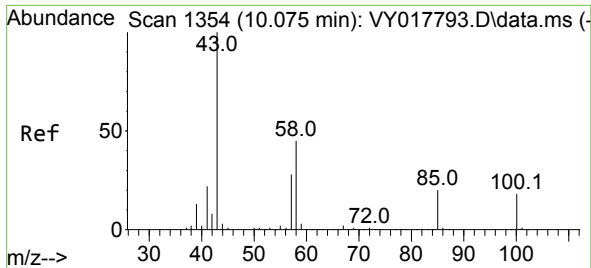
Tgt Ion: 88 Resp: 5604
Ion Ratio Lower Upper
88 100
43 29.2 0.0 0.0#
58 65.1 49.3 73.9



#50
Toluene-d8
Concen: 17.866 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 98 Resp: 161959
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

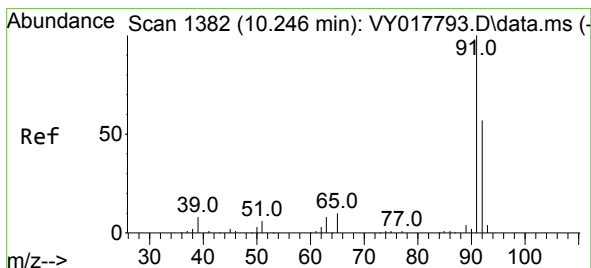
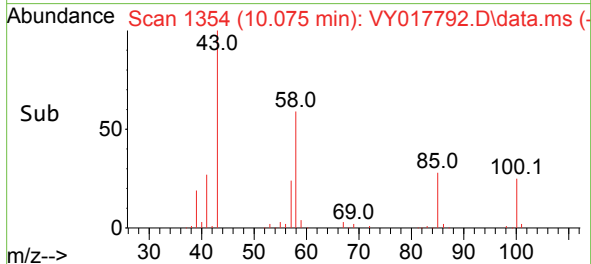
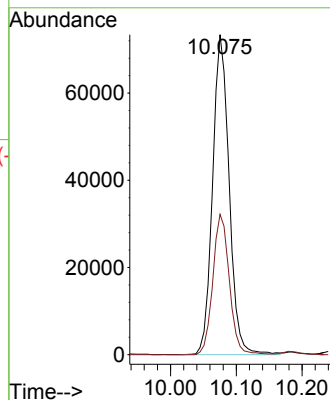
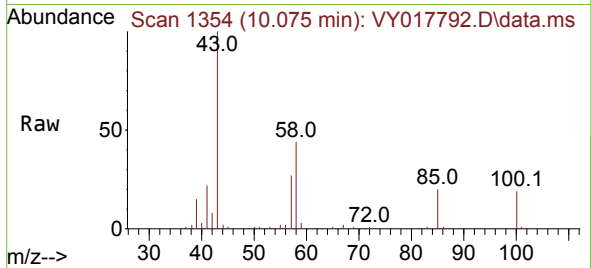




#51
4-Methyl-2-Pentanone
Concen: 101.480 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

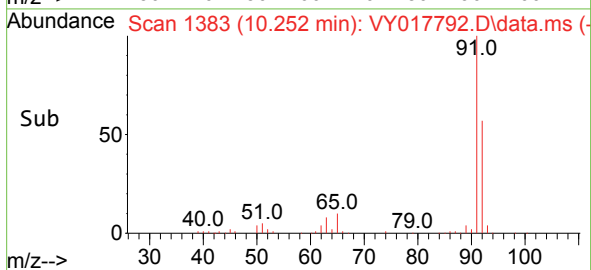
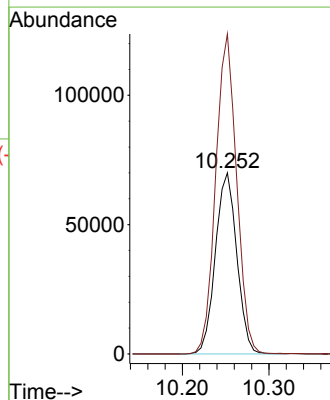
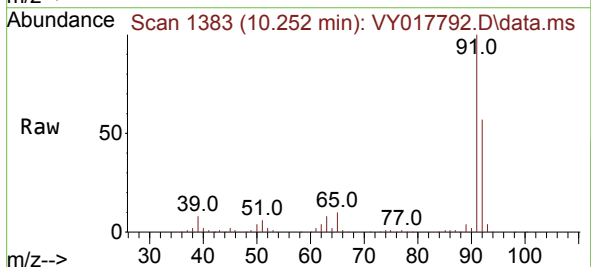
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

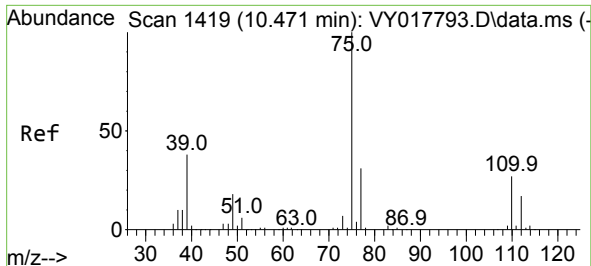
Tgt Ion: 43 Resp: 128709
Ion Ratio Lower Upper
43 100
58 43.7 35.7 53.5



#52
Toluene
Concen: 18.151 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 92 Resp: 120144
Ion Ratio Lower Upper
92 100
91 173.2 139.0 208.6

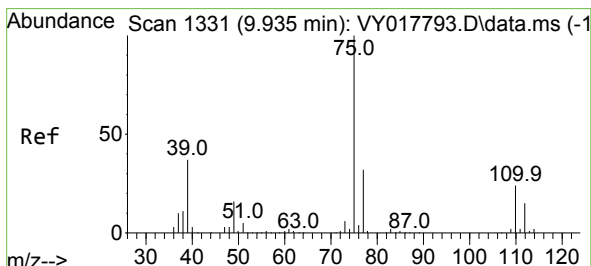
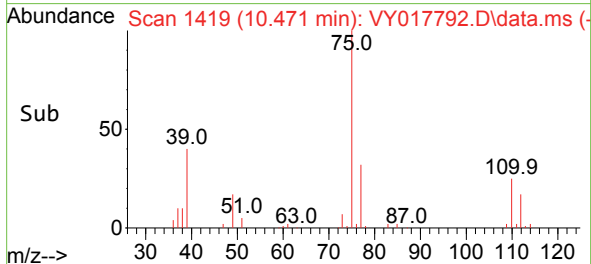
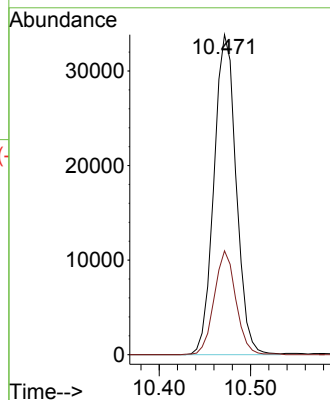
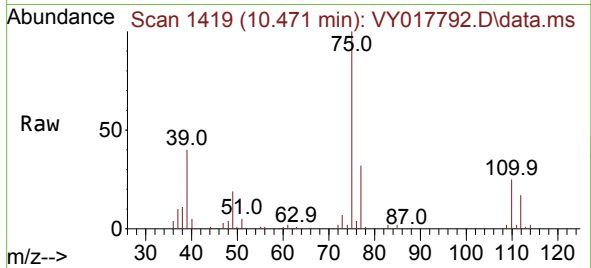




#53
t-1,3-Dichloropropene
Concen: 17.705 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

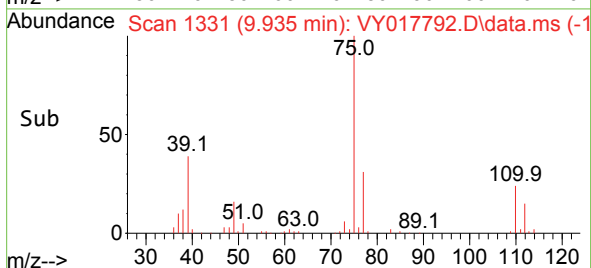
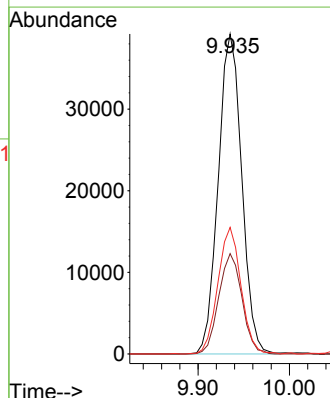
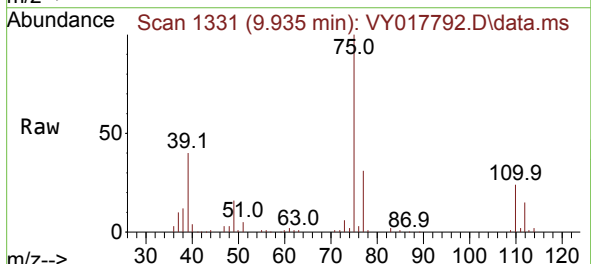
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

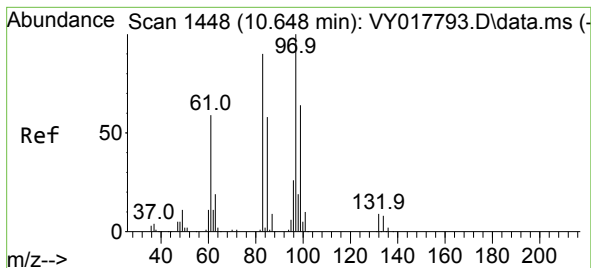
Tgt Ion: 75 Resp: 57223
Ion Ratio Lower Upper
75 100
77 32.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 17.781 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 75 Resp: 70139
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 39.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 18.072 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 34692

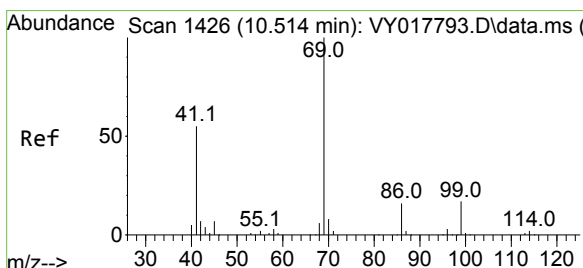
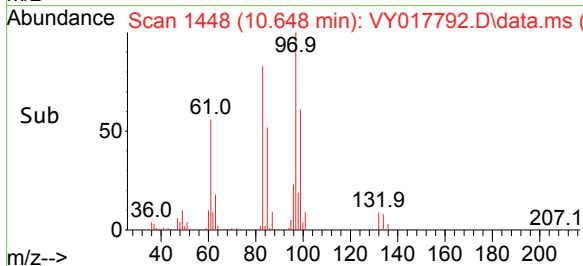
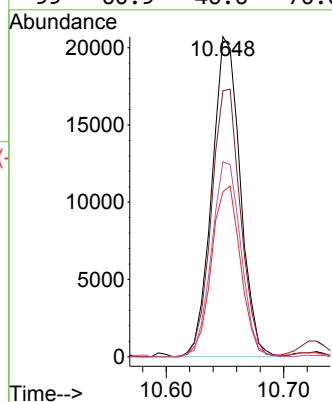
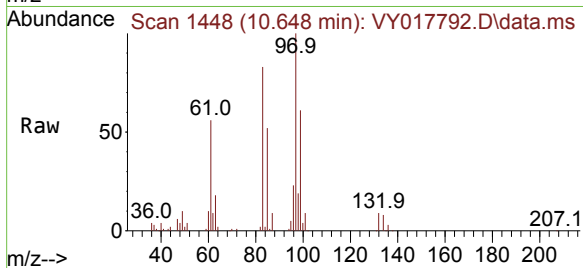
Ion Ratio Lower Upper

97 100

83 83.1 67.5 101.3

85 51.2 42.9 64.3

99 60.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.856 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

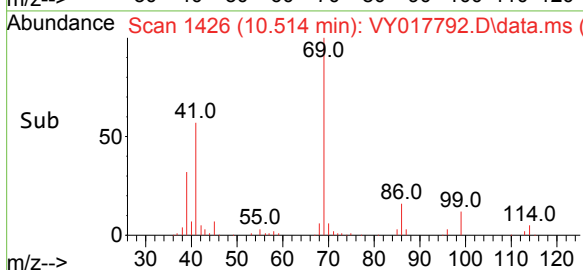
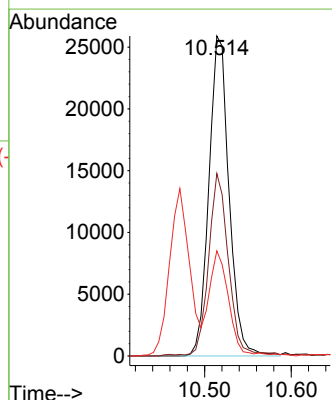
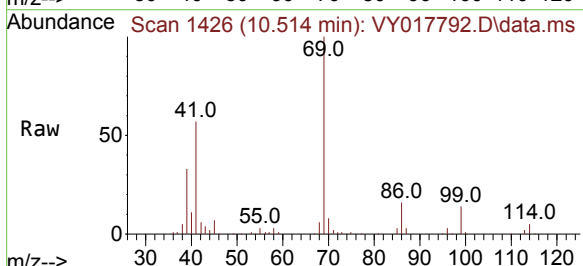
Tgt Ion: 69 Resp: 41845

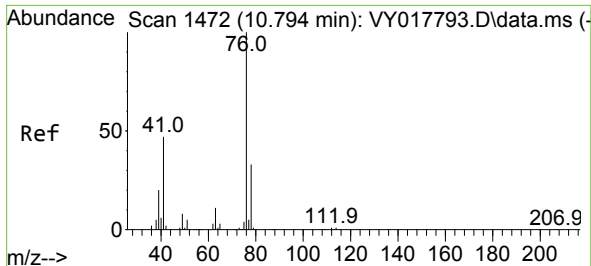
Ion Ratio Lower Upper

69 100

41 55.2 42.3 63.5

39 32.1 22.9 34.3





#57

1,3-Dichloropropane

Concen: 18.106 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

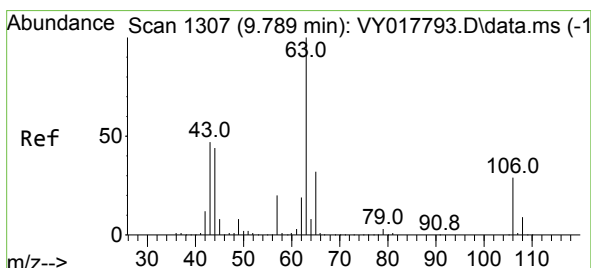
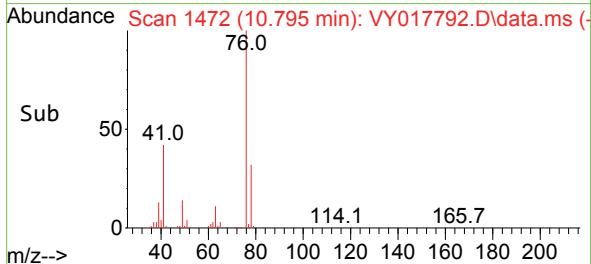
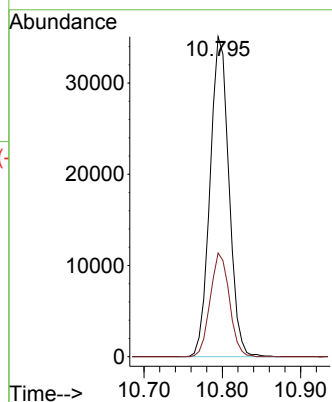
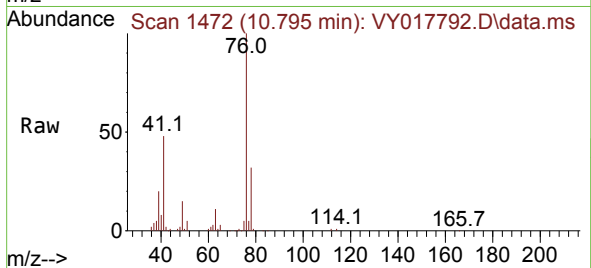
VSTDIC020

Tgt Ion: 76 Resp: 58784

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.841 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017792.D

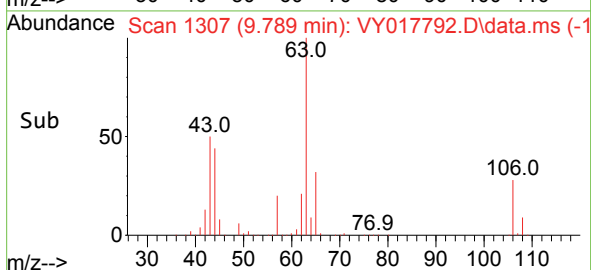
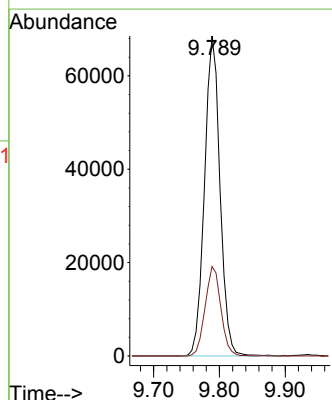
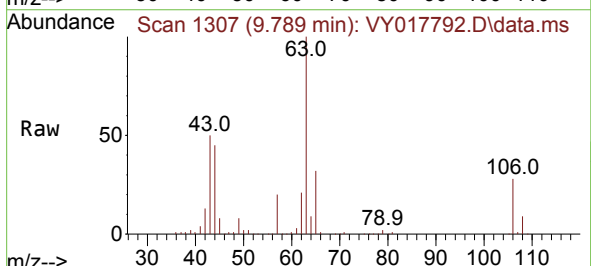
Acq: 29 Mar 2024 15:33

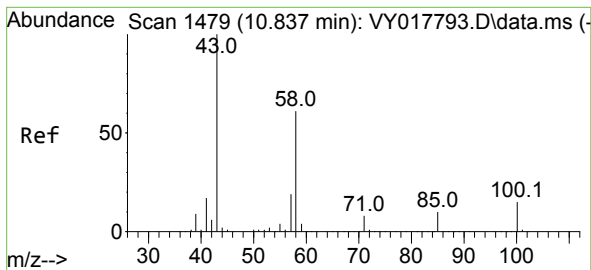
Tgt Ion: 63 Resp: 112219

Ion Ratio Lower Upper

63 100

106 28.3 23.7 35.5

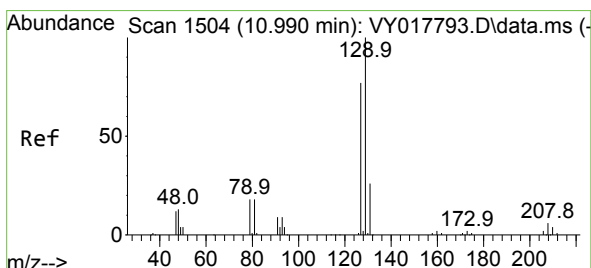
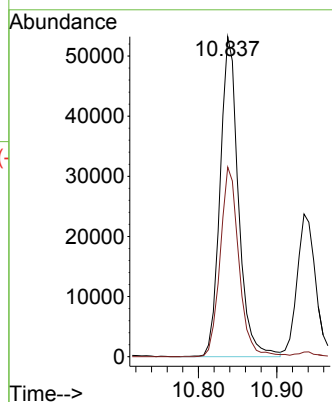
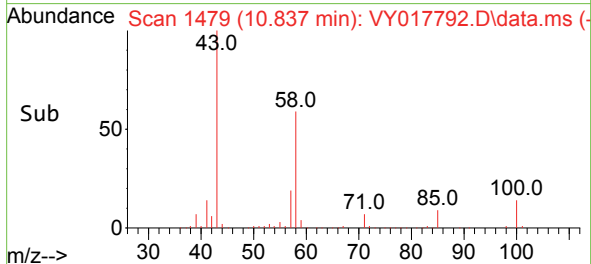
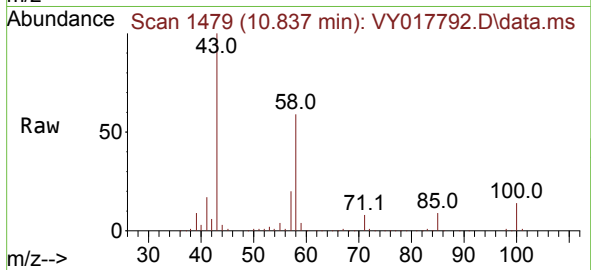




#59
2-Hexanone
Concen: 98.733 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

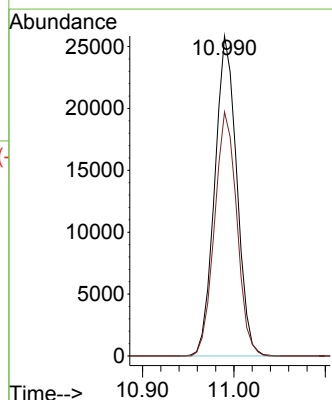
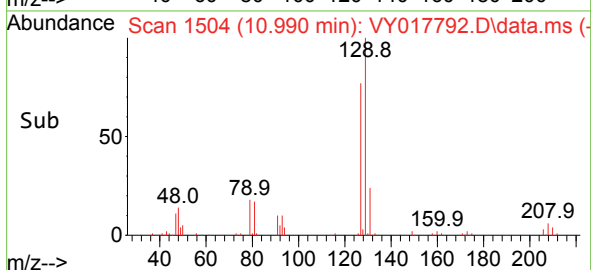
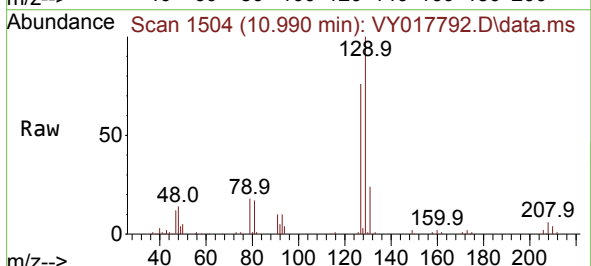
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

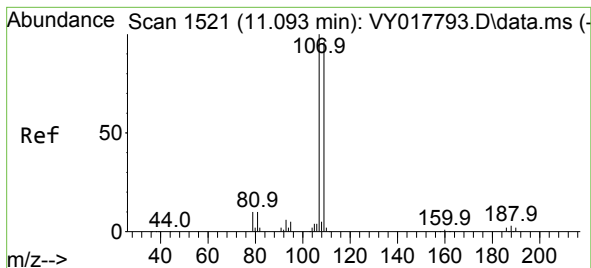
Tgt Ion: 43 Resp: 86619
Ion Ratio Lower Upper
43 100
58 60.7 31.4 94.0



#60
Dibromochloromethane
Concen: 17.848 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 129 Resp: 43211
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

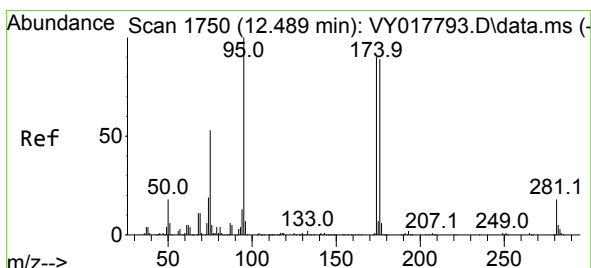
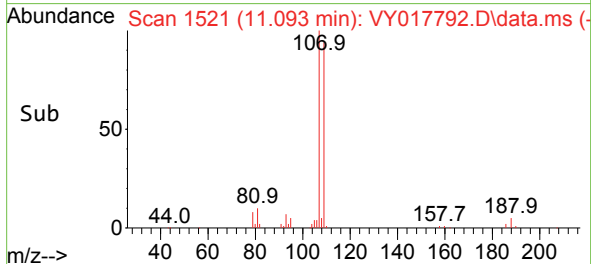
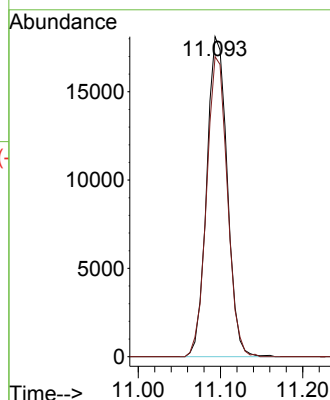
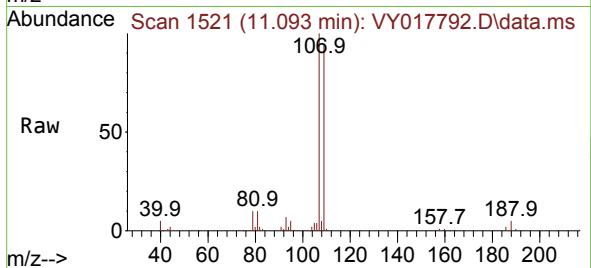




#61
1,2-Dibromoethane
Concen: 17.928 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

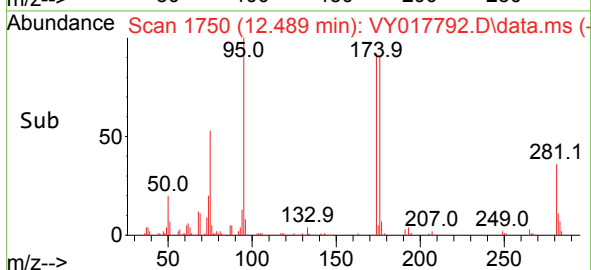
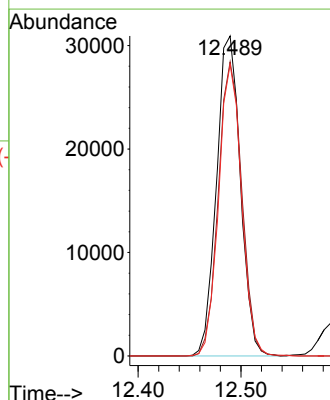
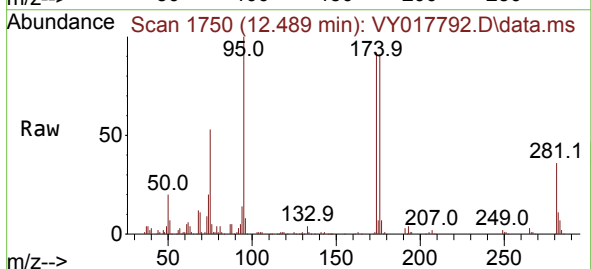
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

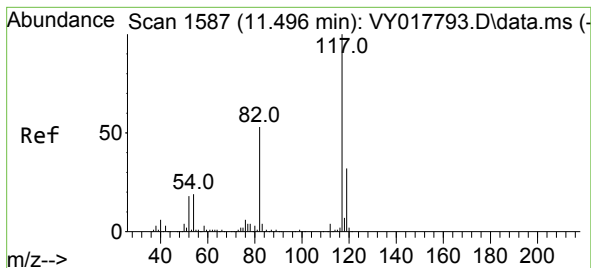
Tgt Ion:107 Resp: 31381
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 18.102 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 95 Resp: 49926
Ion Ratio Lower Upper
95 100
174 90.4 0.0 175.6
176 87.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

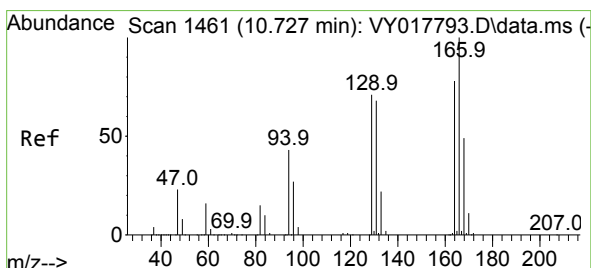
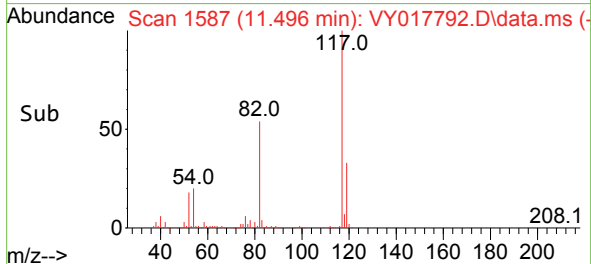
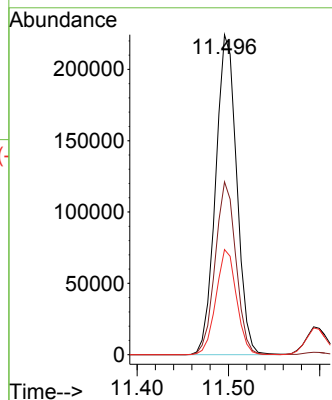
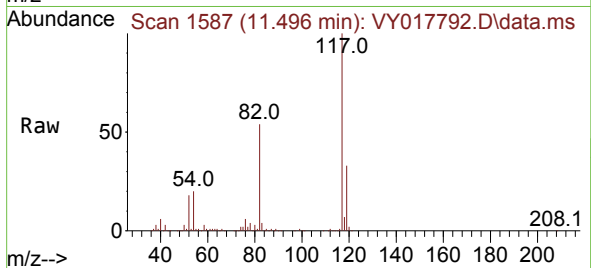
Tgt Ion:117 Resp: 359332

Ion Ratio Lower Upper

117 100

82 54.0 42.4 63.6

119 32.9 25.9 38.9



#64

Tetrachloroethene

Concen: 18.626 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Tgt Ion:164 Resp: 58376

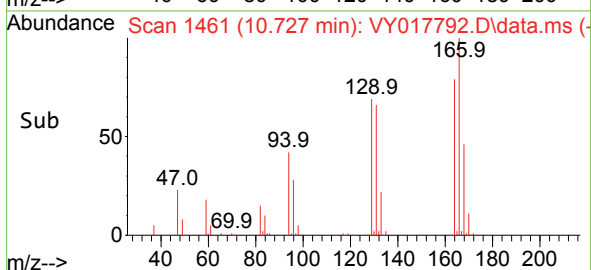
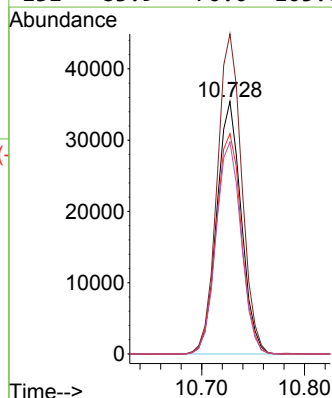
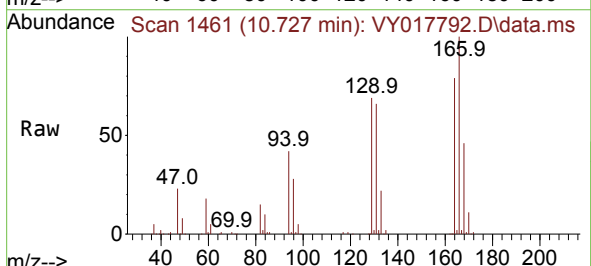
Ion Ratio Lower Upper

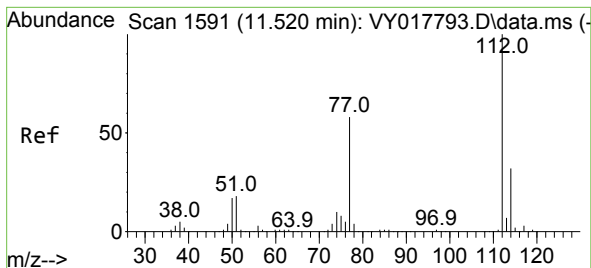
164 100

166 126.7 102.6 154.0

129 87.2 72.0 108.0

131 83.9 70.0 105.0





#65

Chlorobenzene

Concen: 18.123 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

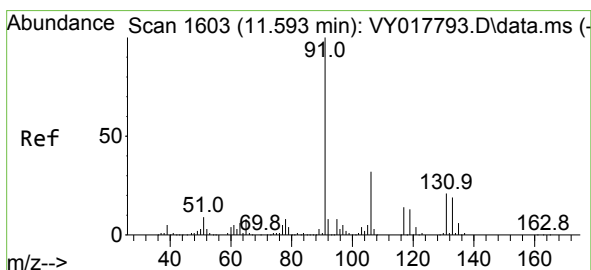
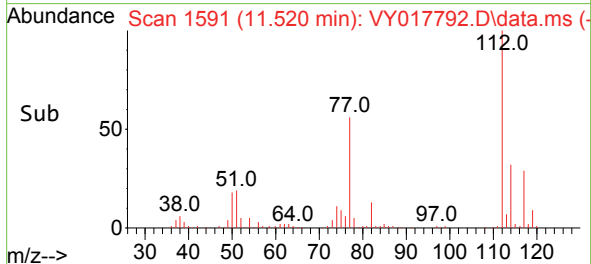
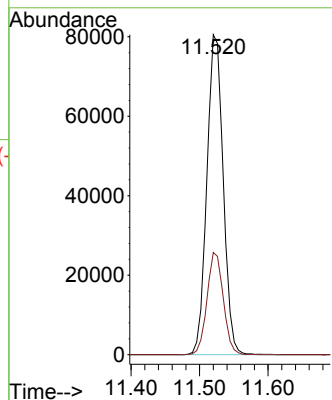
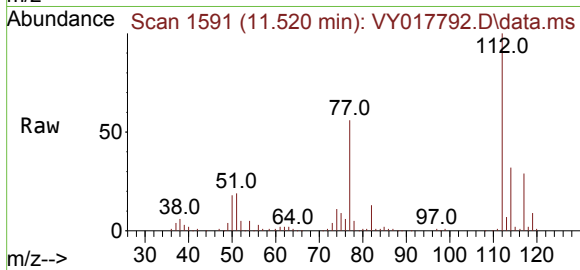
VSTDIC020

Tgt Ion:112 Resp: 133590

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 17.694 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

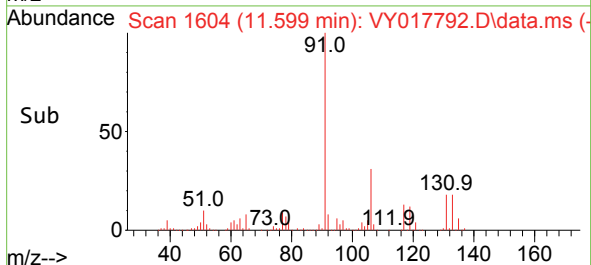
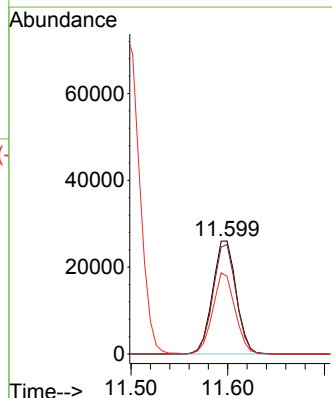
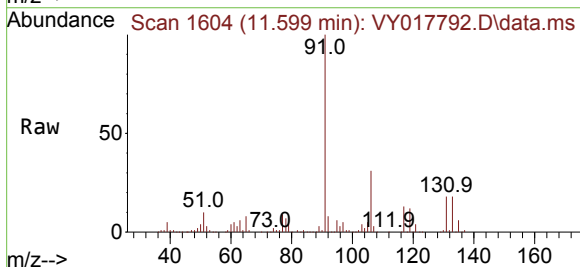
Tgt Ion:131 Resp: 44286

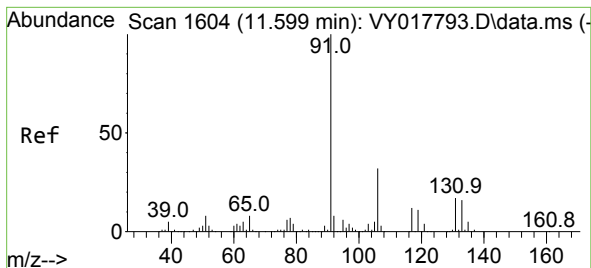
Ion Ratio Lower Upper

131 100

133 94.4 47.8 143.3

119 67.8 34.1 102.2





#67

Ethyl Benzene

Concen: 17.578 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

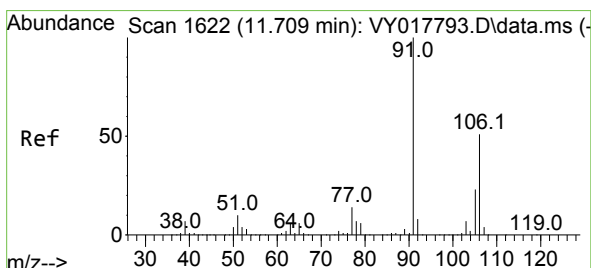
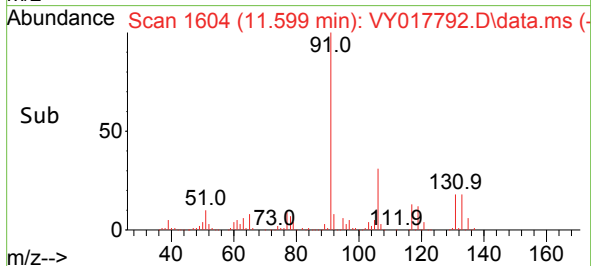
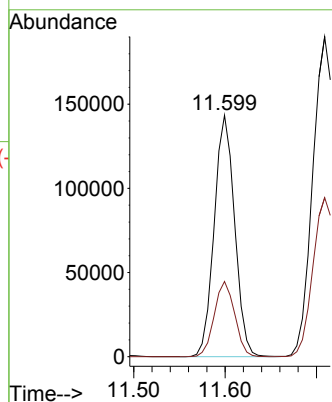
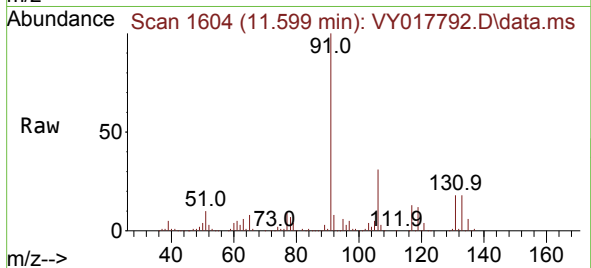
VSTDICC020

Tgt Ion: 91 Resp: 222732

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 35.365 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017792.D

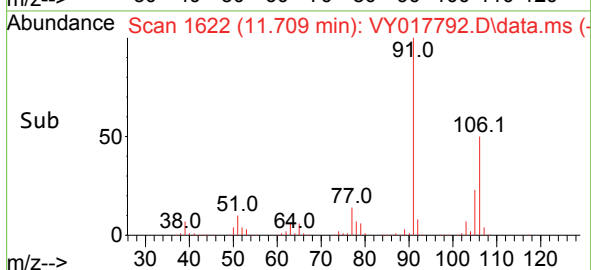
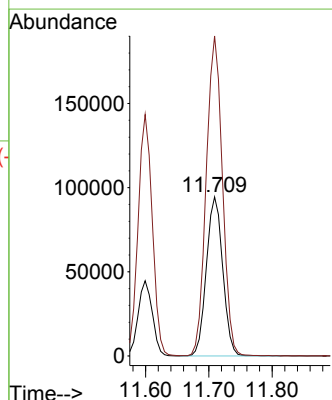
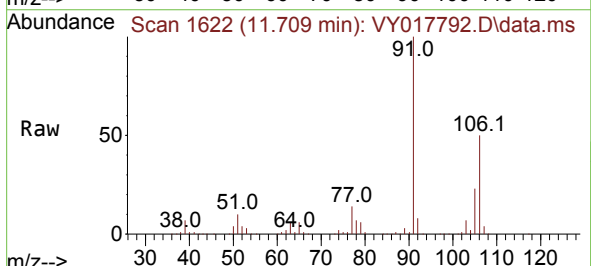
Acq: 29 Mar 2024 15:33

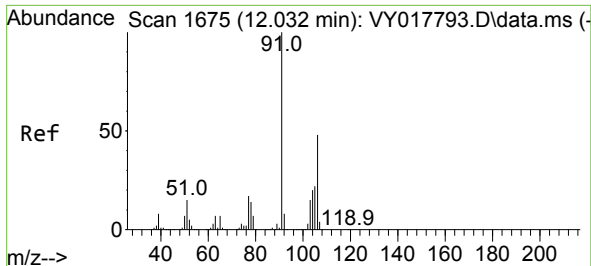
Tgt Ion: 106 Resp: 169947

Ion Ratio Lower Upper

106 100

91 199.3 156.0 234.0

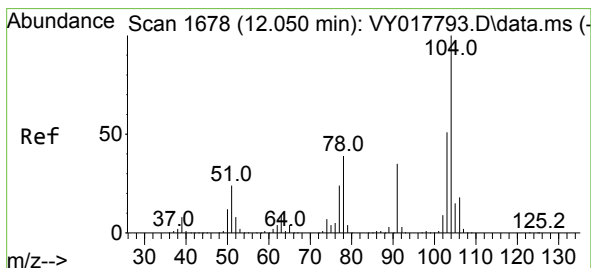
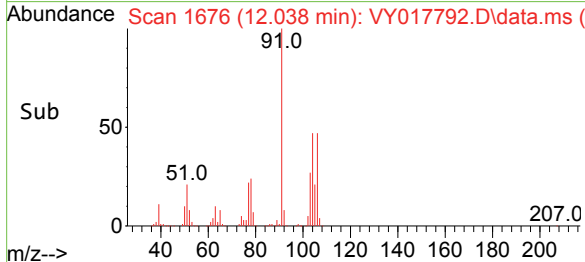
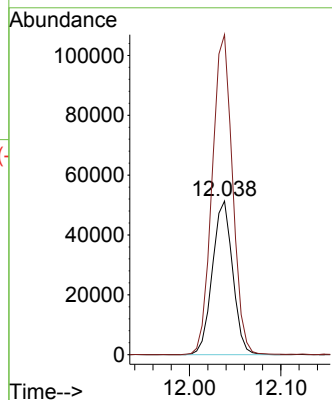
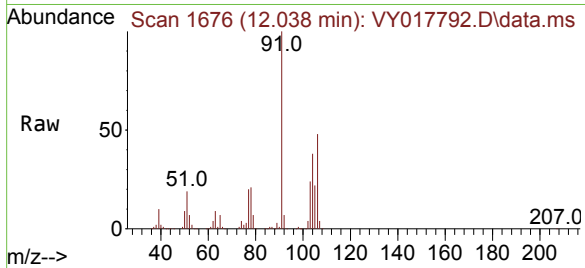




#69
o-Xylene
Concen: 21.216 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

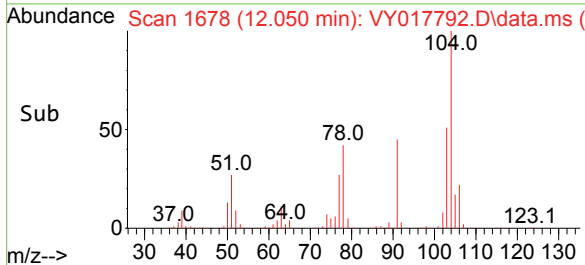
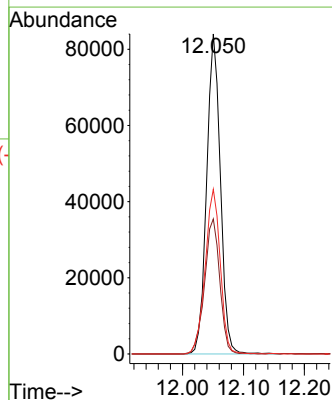
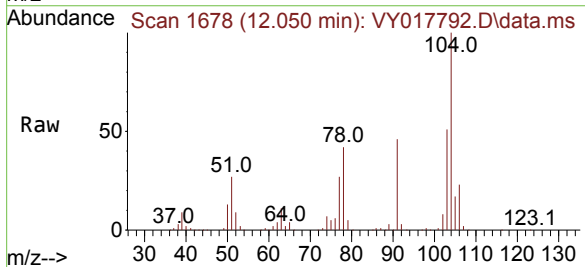
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

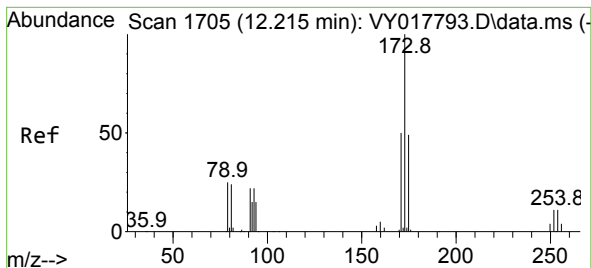
Tgt Ion:106 Resp: 79188
Ion Ratio Lower Upper
106 100
91 209.5 103.6 310.8



#70
Styrene
Concen: 20.719 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion:104 Resp: 131636
Ion Ratio Lower Upper
104 100
78 46.9 37.0 55.4
103 56.4 44.2 66.2





#71

Bromoform

Concen: 17.314 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

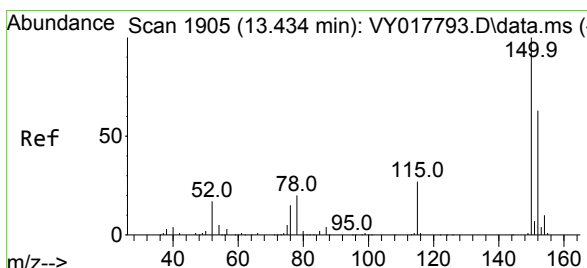
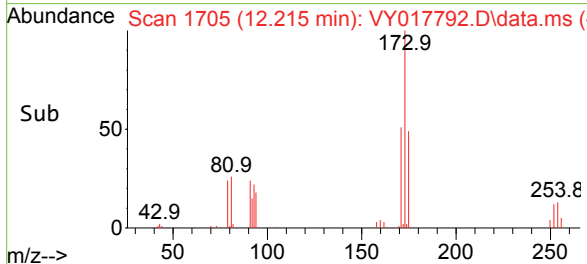
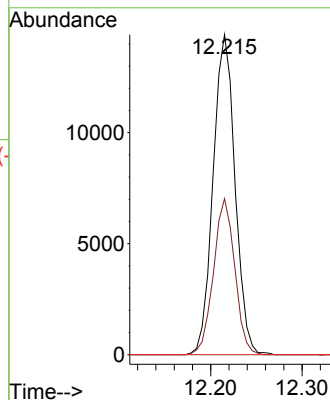
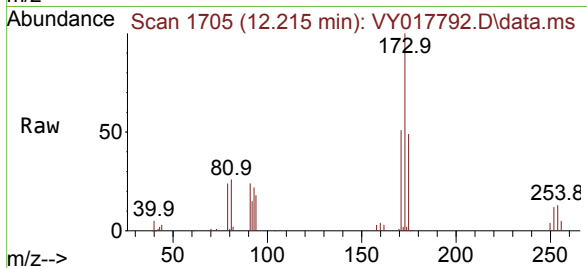
Tgt Ion:173 Resp: 24020

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: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

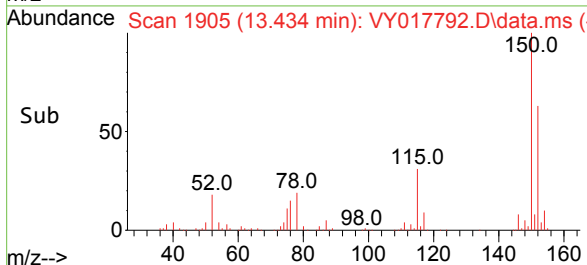
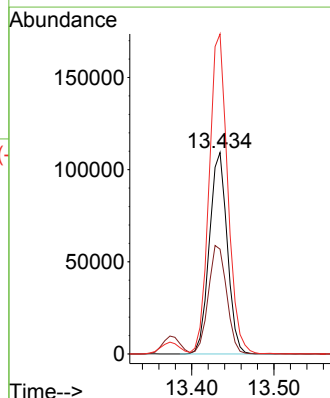
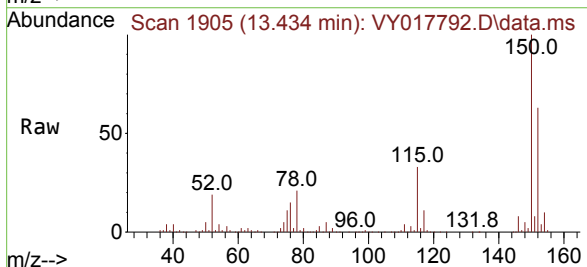
Tgt Ion:152 Resp: 165226

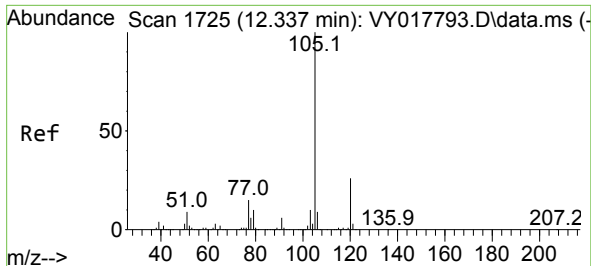
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 165.0 0.0 345.6

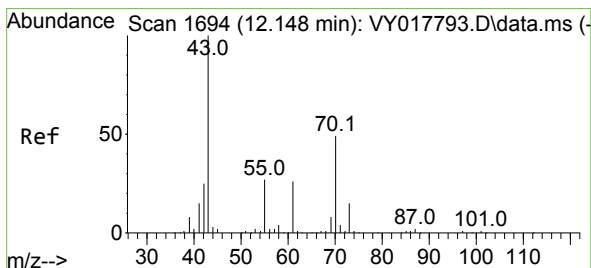
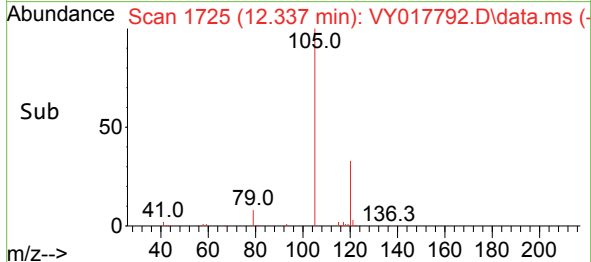
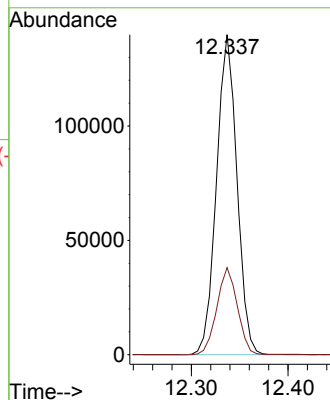
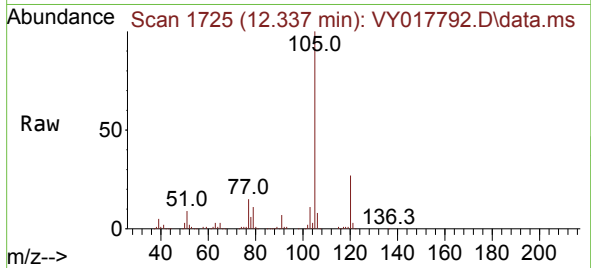




#73
Isopropylbenzene
Concen: 17.730 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

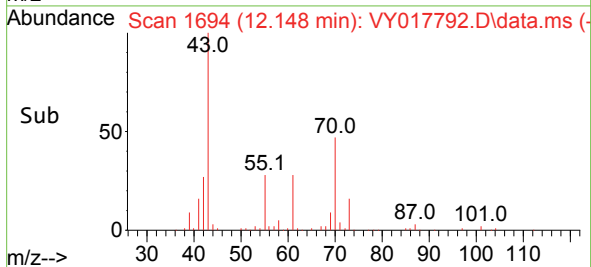
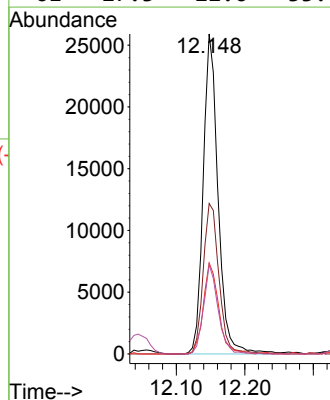
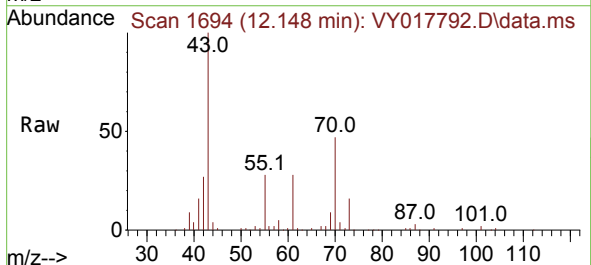
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

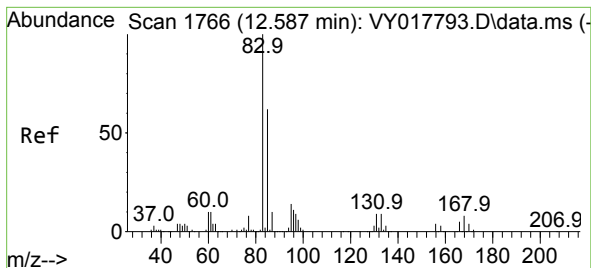
Tgt Ion:105 Resp: 205291
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1



#74
N-ethyl acetate
Concen: 19.944 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 43 Resp: 39212
Ion Ratio Lower Upper
43 100
70 49.8 41.4 62.2
55 29.3 23.3 34.9
61 27.3 22.6 33.8

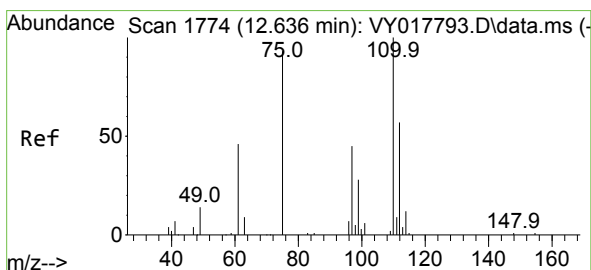
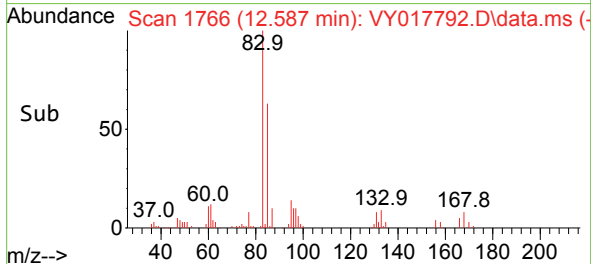
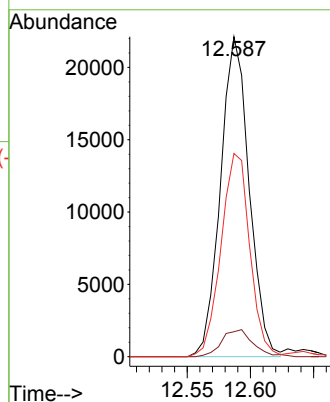
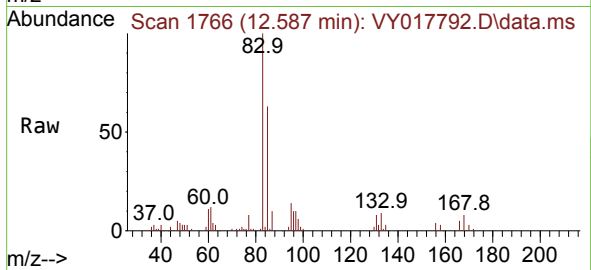




#75
1,1,2,2-Tetrachloroethane
Concen: 17.377 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

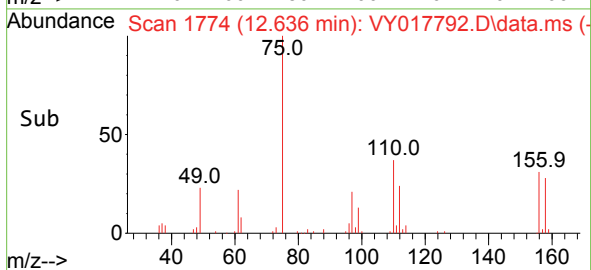
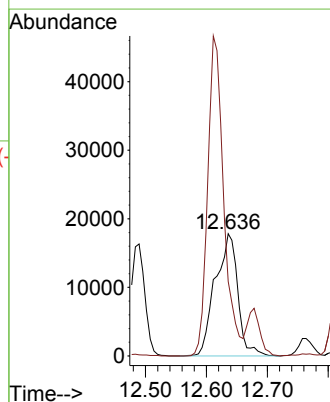
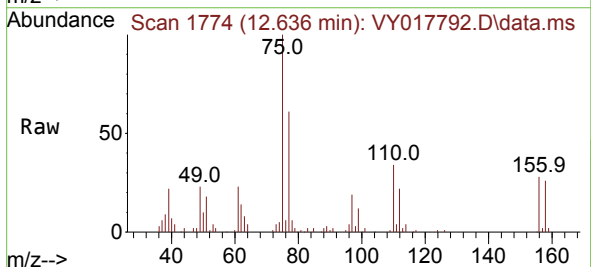
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

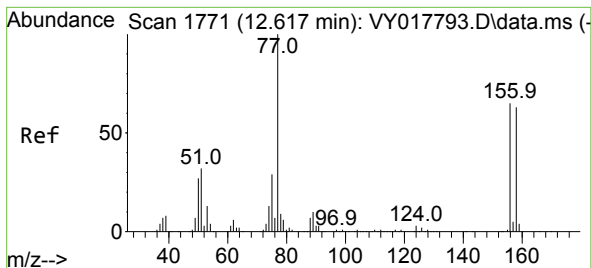
Tgt Ion:	83	Resp:	34805
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.0	14.9
85	63.8	32.0	96.0



#76
1,2,3-Trichloropropane
Concen: 30.357 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion:	75	Resp:	45768
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.811 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

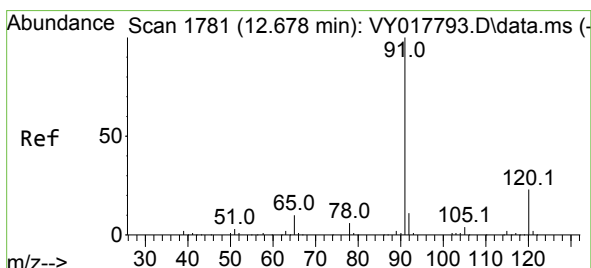
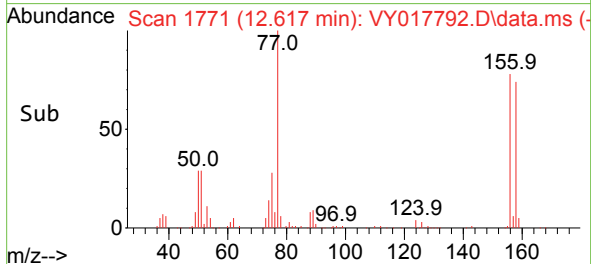
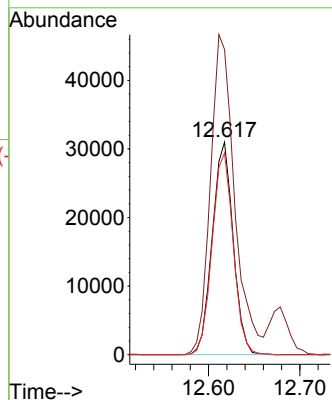
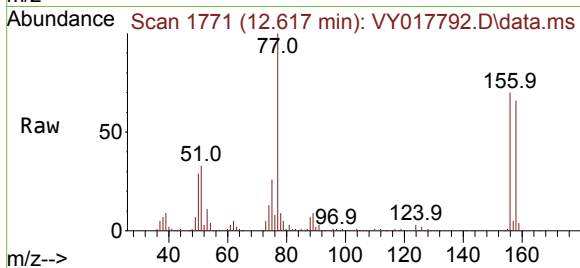
Tgt Ion:156 Resp: 49119

Ion Ratio Lower Upper

156 100

77 174.3 87.1 261.3

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 18.083 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017792.D

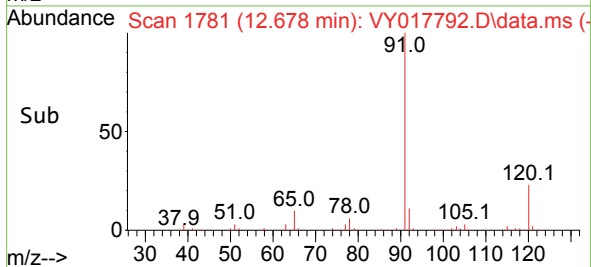
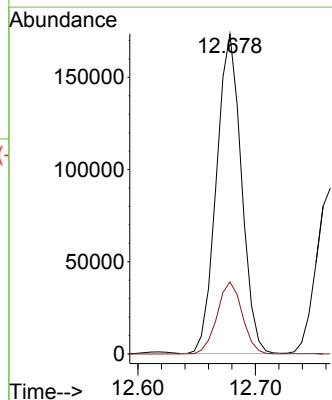
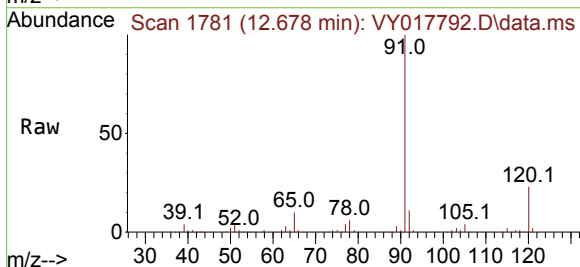
Acq: 29 Mar 2024 15:33

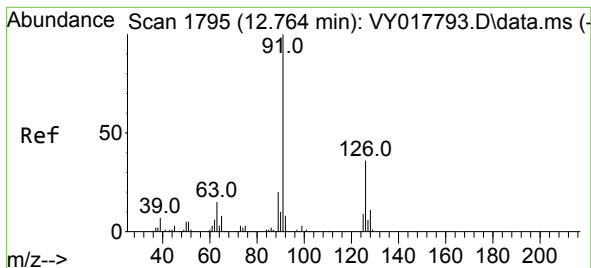
Tgt Ion: 91 Resp: 255493

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.929 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

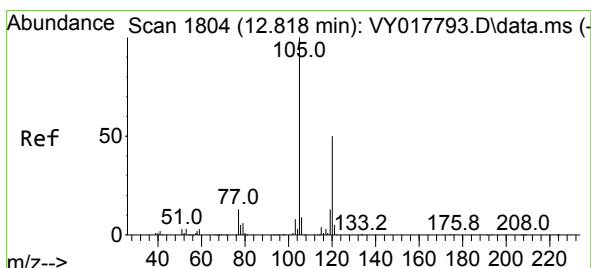
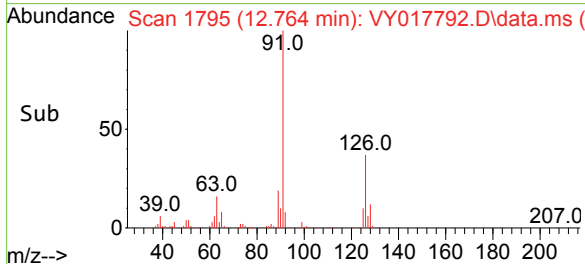
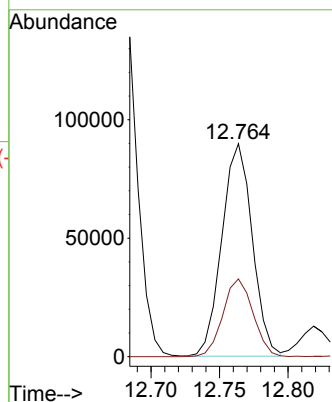
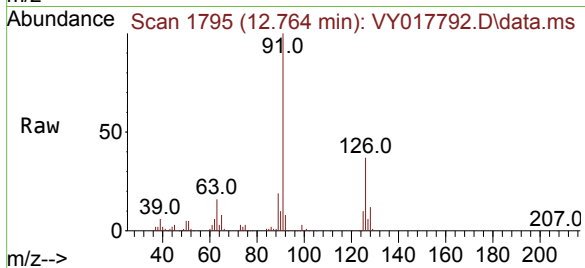
VSTDIC020

Tgt Ion: 91 Resp: 138755

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.007 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017792.D

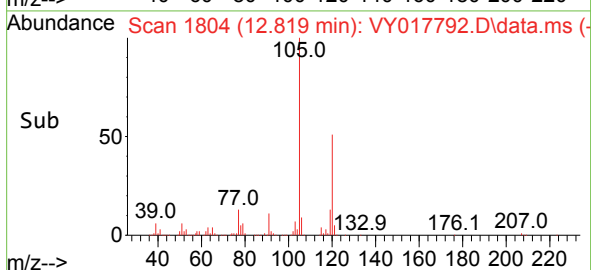
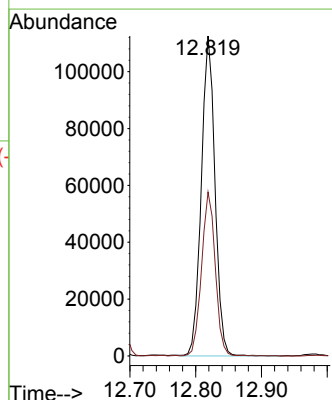
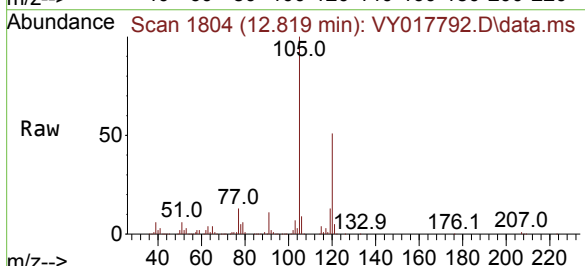
Acq: 29 Mar 2024 15:33

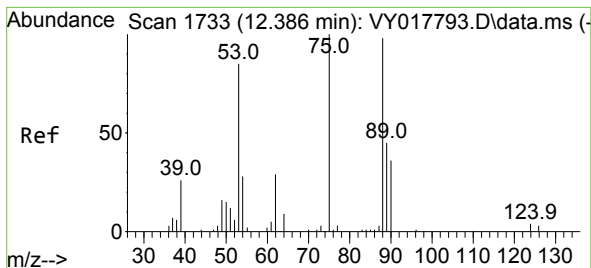
Tgt Ion: 105 Resp: 162722

Ion Ratio Lower Upper

105 100

120 51.4 25.1 75.2

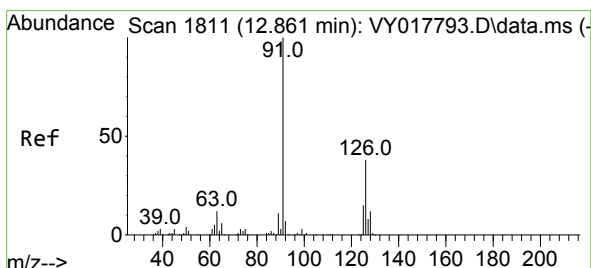
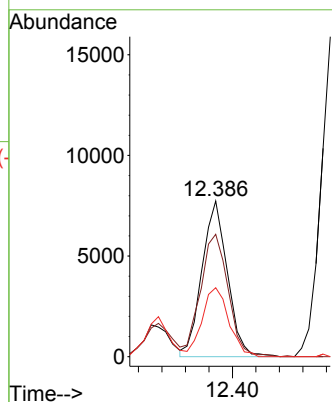
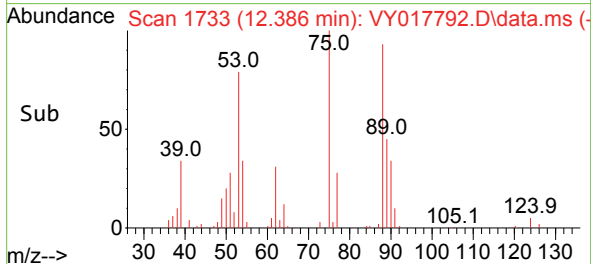
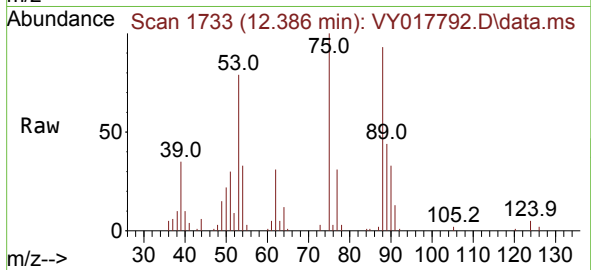




#81
trans-1,4-Dichloro-2-butene
Concen: 19.855 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

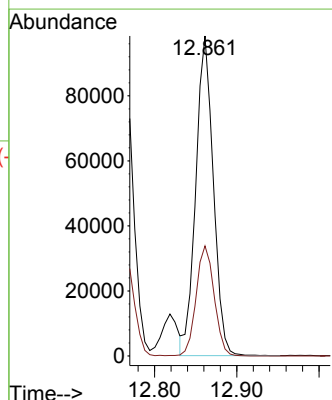
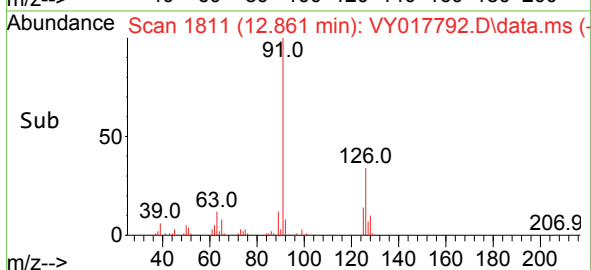
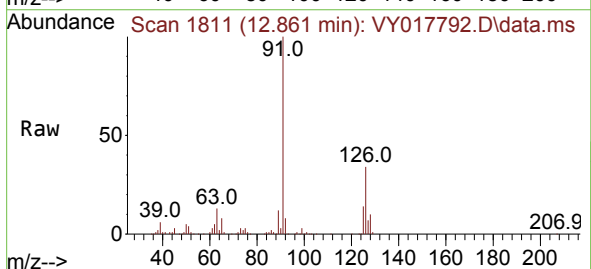
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

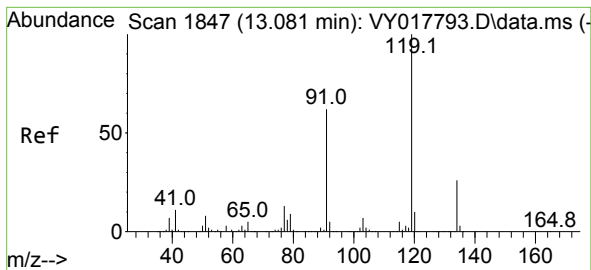
Tgt Ion: 75 Resp: 11647
Ion Ratio Lower Upper
75 100
53 85.9 66.8 100.2
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 18.138 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion: 91 Resp: 145350
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 17.801 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

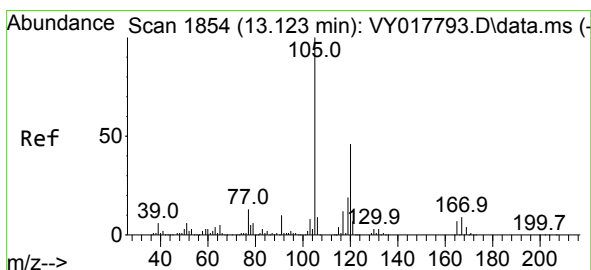
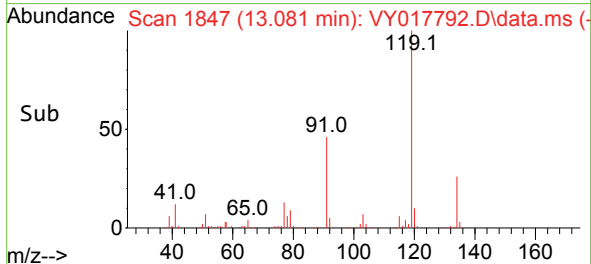
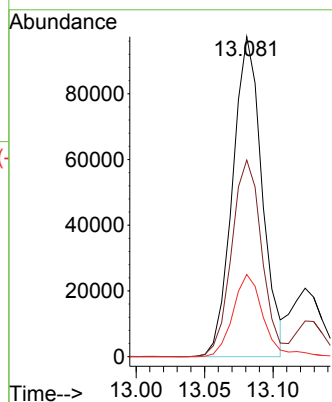
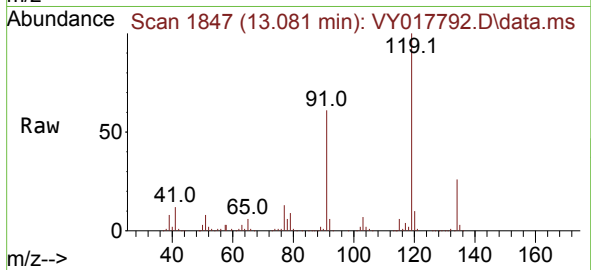
Tgt Ion:119 Resp: 146250

Ion Ratio Lower Upper

119 100

91 63.5 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 17.878 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017792.D

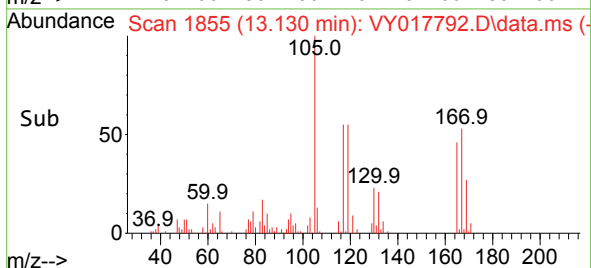
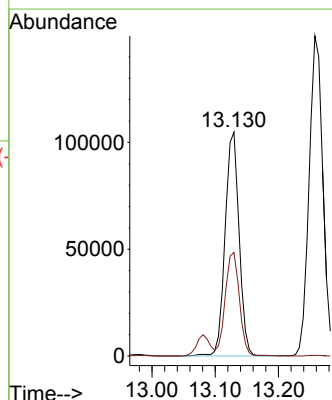
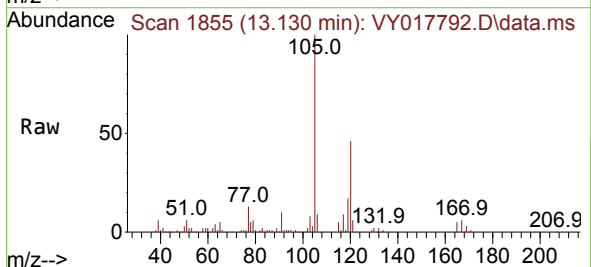
Acq: 29 Mar 2024 15:33

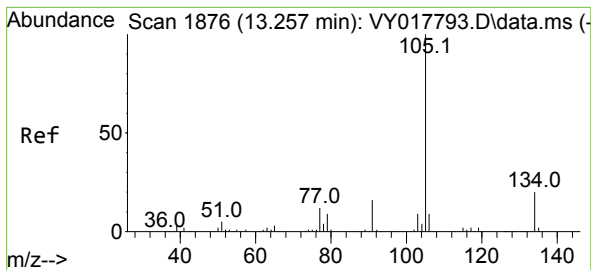
Tgt Ion:105 Resp: 160904

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.319 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

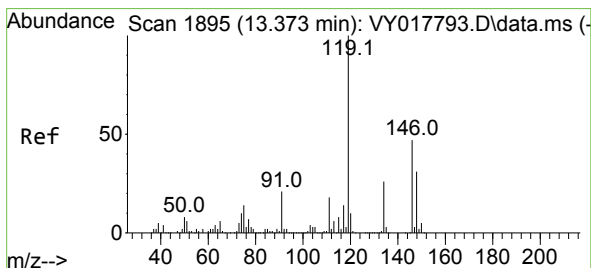
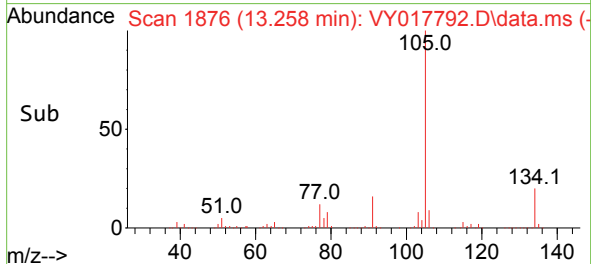
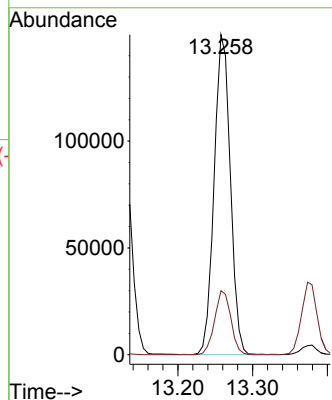
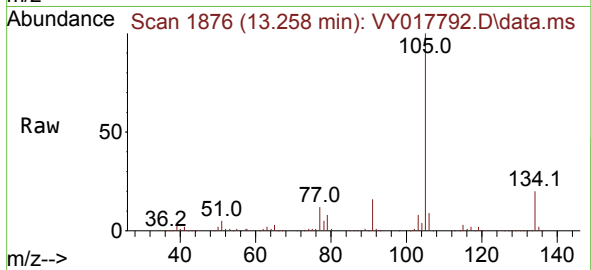
VSTDIC020

Tgt Ion:105 Resp: 225896

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.170 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

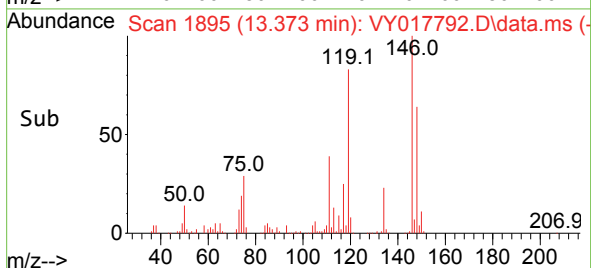
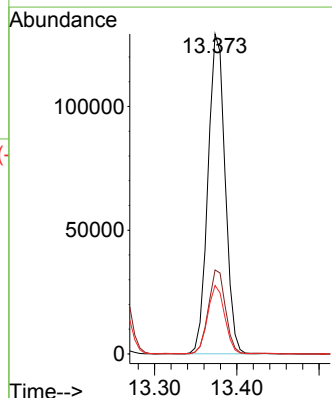
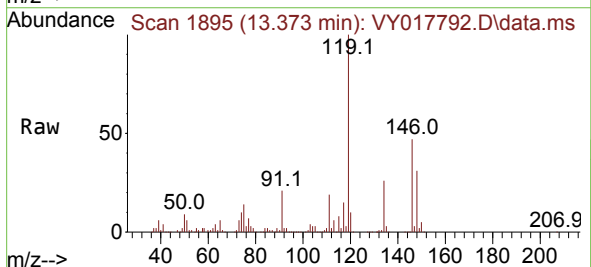
Tgt Ion:119 Resp: 187279

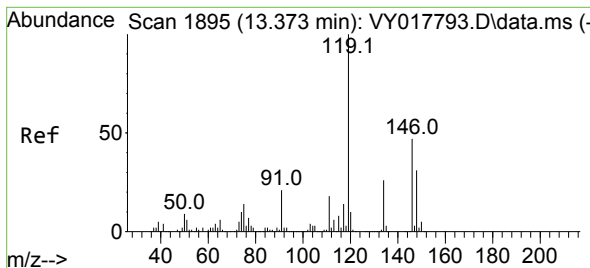
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 17.589 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

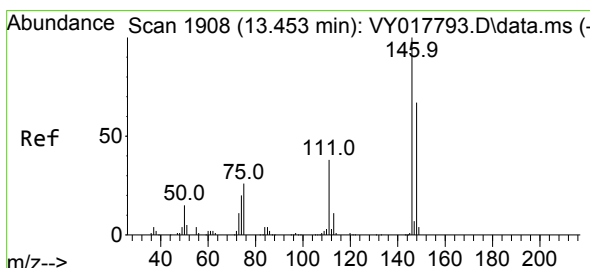
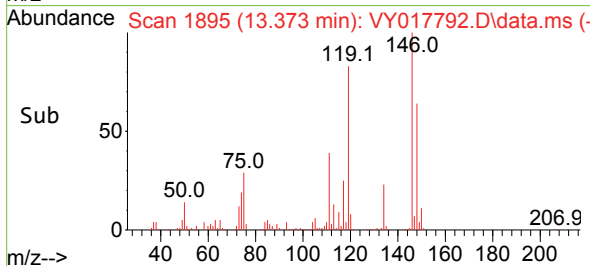
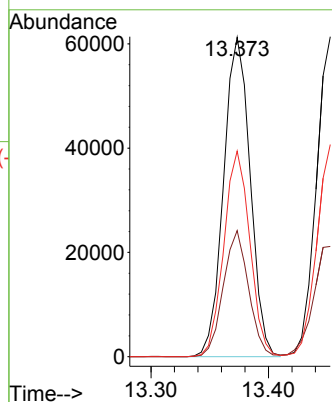
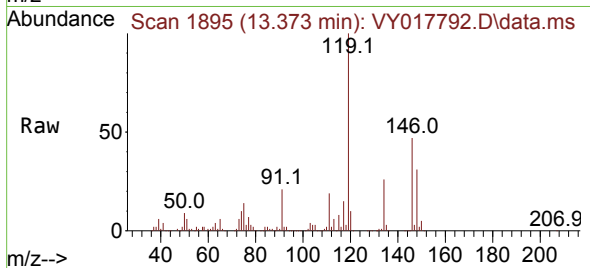
Tgt Ion:146 Resp: 96248

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.004 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

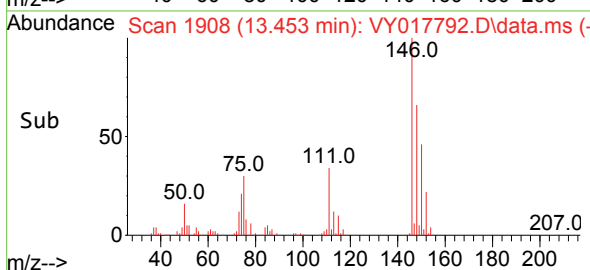
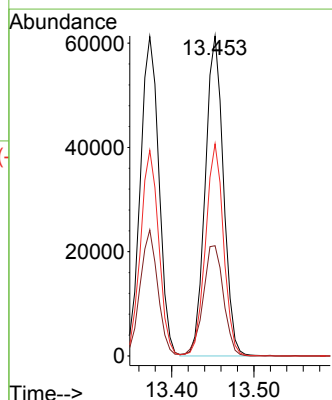
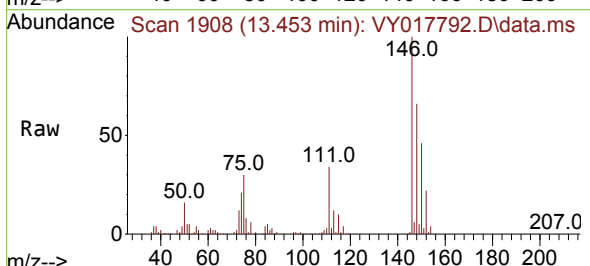
Tgt Ion:146 Resp: 94297

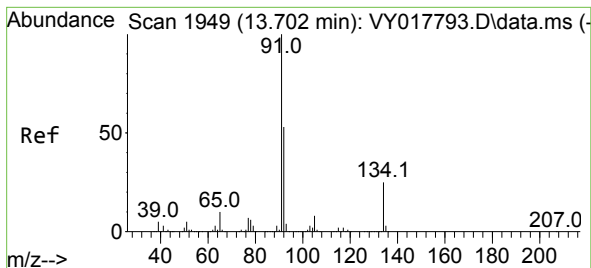
Ion Ratio Lower Upper

146 100

111 38.5 18.4 55.4

148 65.6 32.4 97.2





#89

n-Butylbenzene

Concen: 18.009 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

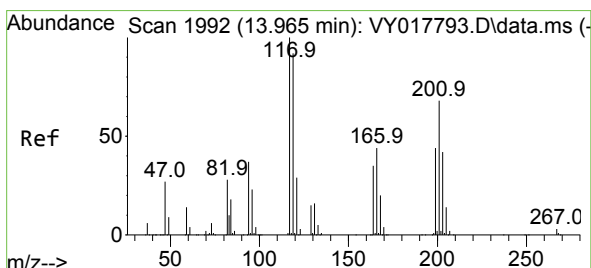
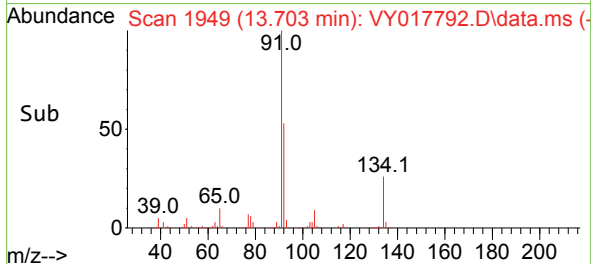
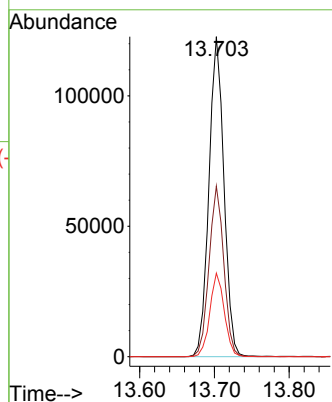
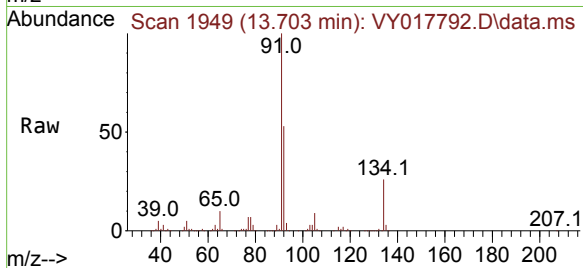
Tgt Ion: 91 Resp: 170775

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 18.161 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017792.D

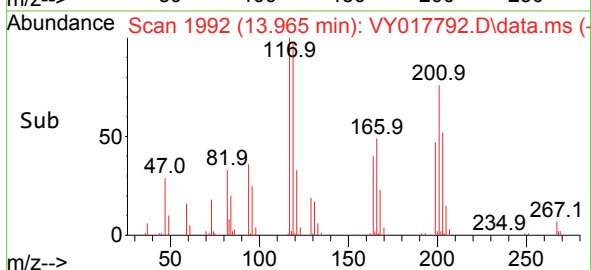
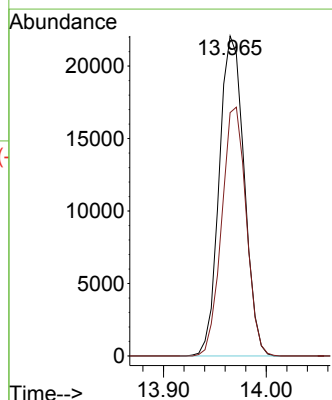
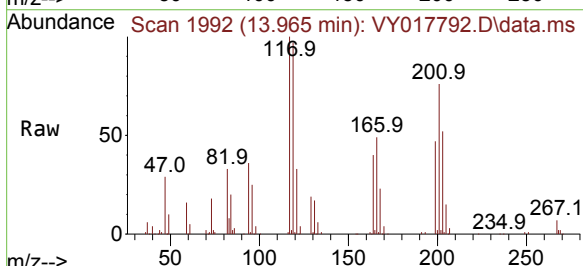
Acq: 29 Mar 2024 15:33

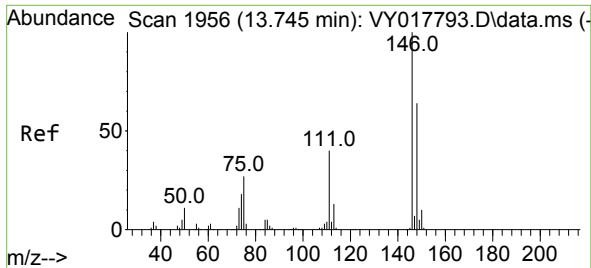
Tgt Ion: 117 Resp: 37221

Ion Ratio Lower Upper

117 100

201 76.4 37.4 112.2

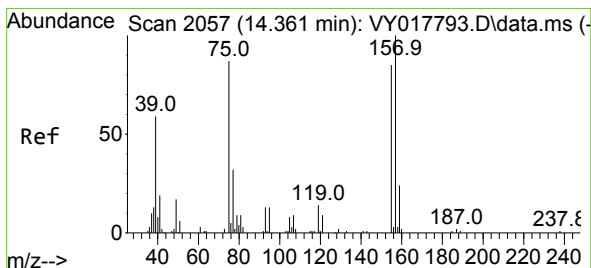
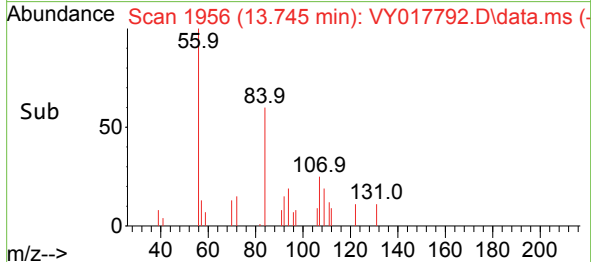
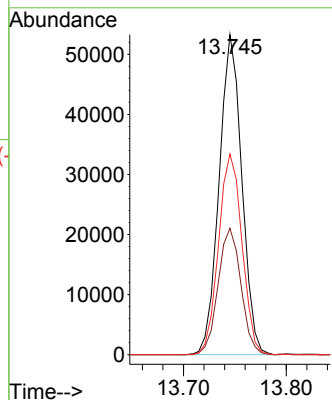
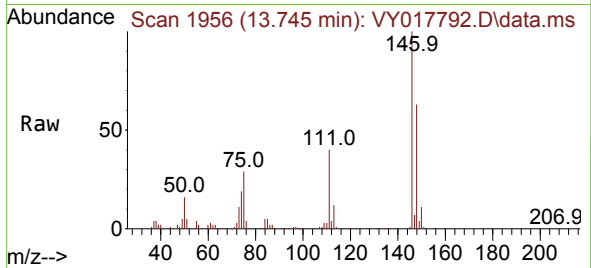




#91
1,2-Dichlorobenzene
Concen: 17.978 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

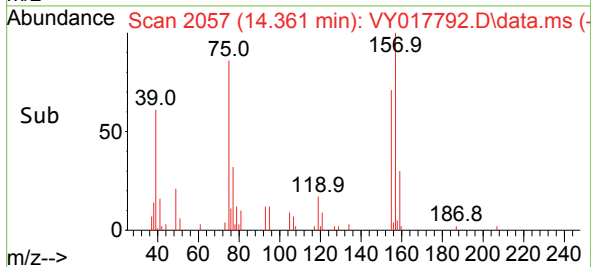
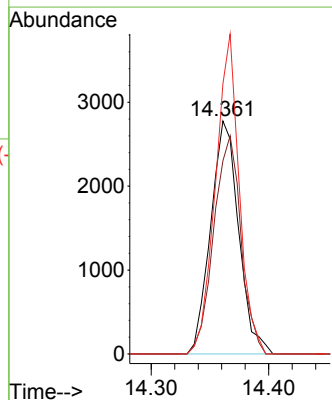
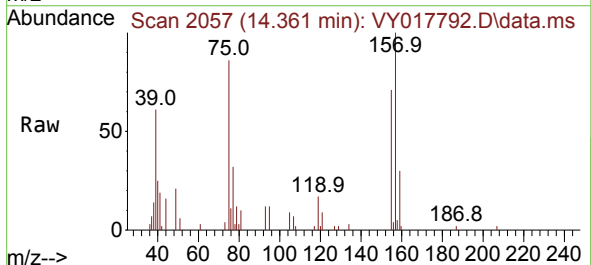
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

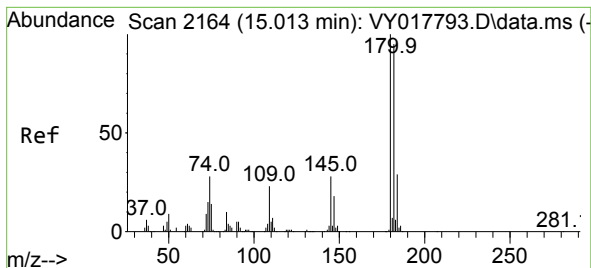
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.8	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.980 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017792.D
Acq: 29 Mar 2024 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	48.6	145.8
157	116.3	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.939 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

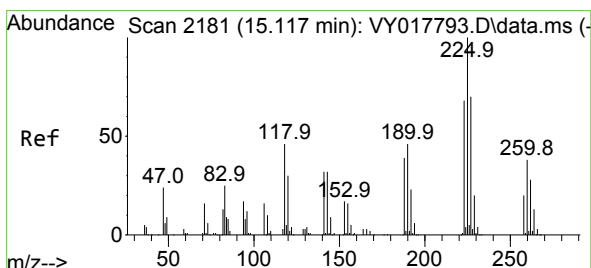
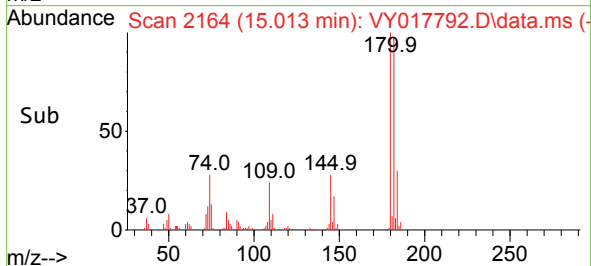
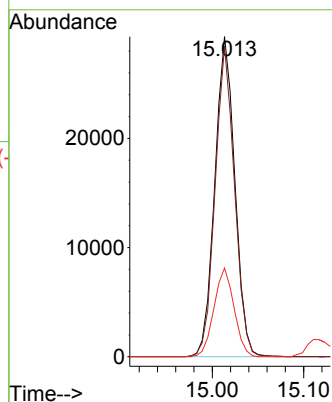
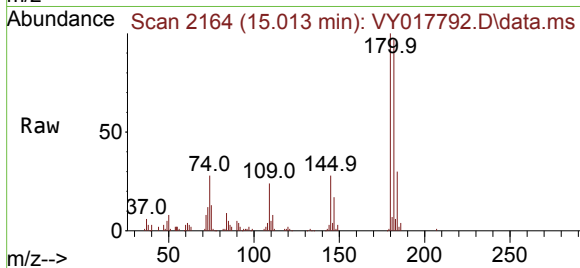
Tgt Ion:180 Resp: 44567

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 27.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.731 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

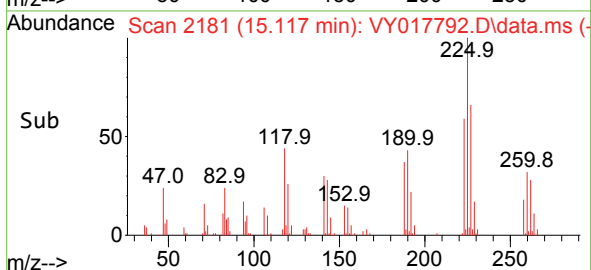
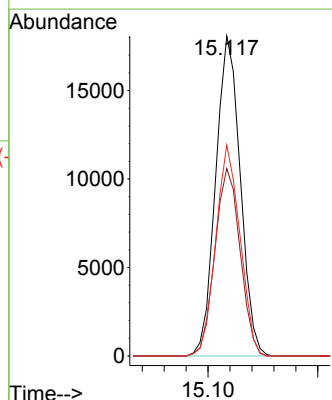
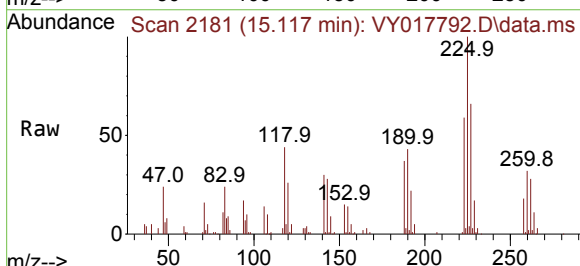
Tgt Ion:225 Resp: 28211

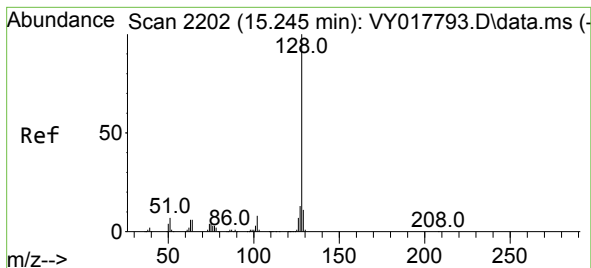
Ion Ratio Lower Upper

225 100

223 60.1 30.4 91.2

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 19.654 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

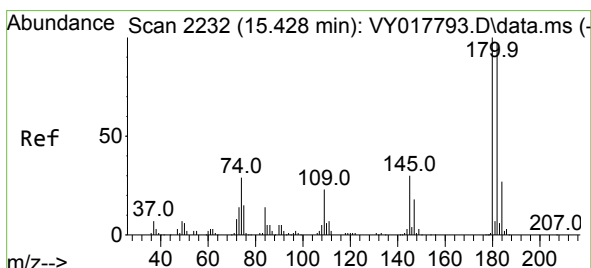
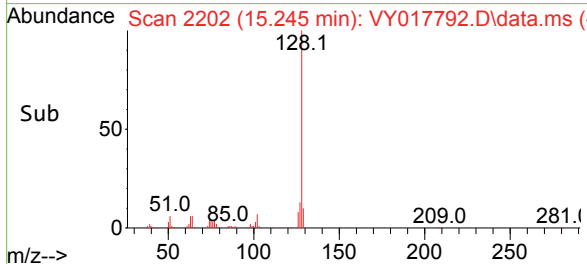
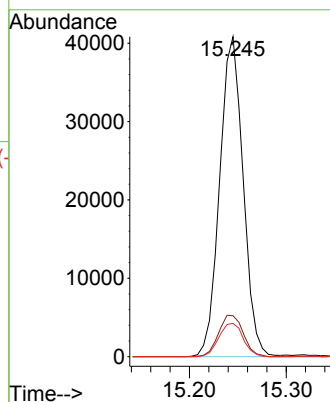
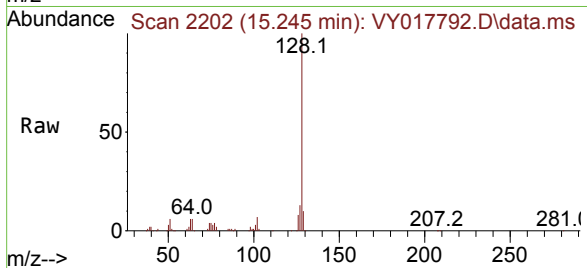
Tgt Ion:128 Resp: 68677

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.903 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017792.D

Acq: 29 Mar 2024 15:33

Tgt Ion:180 Resp: 37571

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 30.1 15.4 46.1

