

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024660.D
 Acq On : 07 Oct 2021 20:54
 Operator : JC/MD
 Sample : M4001-03ME
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW918ME

Quant Time: Oct 07 23:12:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	266311	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	239904	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	124900	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62479	37.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.780%
7) Chloroethane-d5	1.648	69	22257	20.505	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.020%#
11) 1,1-Dichloroethene-d2	2.270	63	88265	27.264	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.520%#
21) 2-Butanone-d5	4.507	46	98407	72.593	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.590%
24) Chloroform-d	5.068	84	141848	42.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.960%
26) 1,2-Dichloroethane-d4	5.964	65	105897	44.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
32) Benzene-d6	5.970	84	294766	43.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.240%
36) 1,2-Dichloropropane-d6	7.312	67	91271	43.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.360%
41) Toluene-d8	8.653	98	268031	40.708	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.420%
43) trans-1,3-Dichloroprop...	8.952	79	40670	38.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.660%
47) 2-Hexanone-d5	9.397	63	94042	94.771	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.770%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	131657	45.226	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.460%
66) 1,2-Dichlorobenzene-d4	12.323	152	111094	45.460	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1604	0.834	ug/L	95
6) Bromomethane	1.599	94	1119	1.046	ug/L	84
12) 1,1-Dichloroethene	2.276	96	1658	1.084	ug/L #	1
15) Methyl Acetate	2.727	43	2136	1.001	ug/L #	78
16) Methylene chloride	2.776	84	3466	1.883	ug/L	90
17) trans-1,2-Dichloroethene	3.075	96	1221	0.704	ug/L	80
27) 1,2-Dichloroethane	6.086	62	1938	0.682	ug/L #	73
34) Trichloroethene	7.129	95	8018	3.930	ug/L	91
42) Toluene	8.720	91	10316	1.247	ug/L	83
52) Ethylbenzene	10.195	91	16308	1.914	ug/L	92
53) m,p-Xylene	10.305	106	16052	4.823	ug/L	86
54) o-Xylene	10.646	106	5351	1.610	ug/L	89
62) 1,3,5-Trimethylbenzene	11.457	105	4840	0.641	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	6448	0.873	ug/L	90
65) 1,4-Dichlorobenzene	12.049	146	2904	0.725	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	2596	0.656	ug/L #	83
70) 1,2,4-trichlorobenzene	13.591	180	2064	0.847	ug/L #	69
71) Naphthalene	13.780	128	14174	1.742	ug/L #	97
72) 1,2,3-Trichlorobenzene	13.963	180	1821	0.724	ug/L #	14

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024660.D
Acq On : 07 Oct 2021 20:54
Operator : JC/MD
Sample : M4001-03ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW918ME

Quant Time: Oct 07 23:12:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration

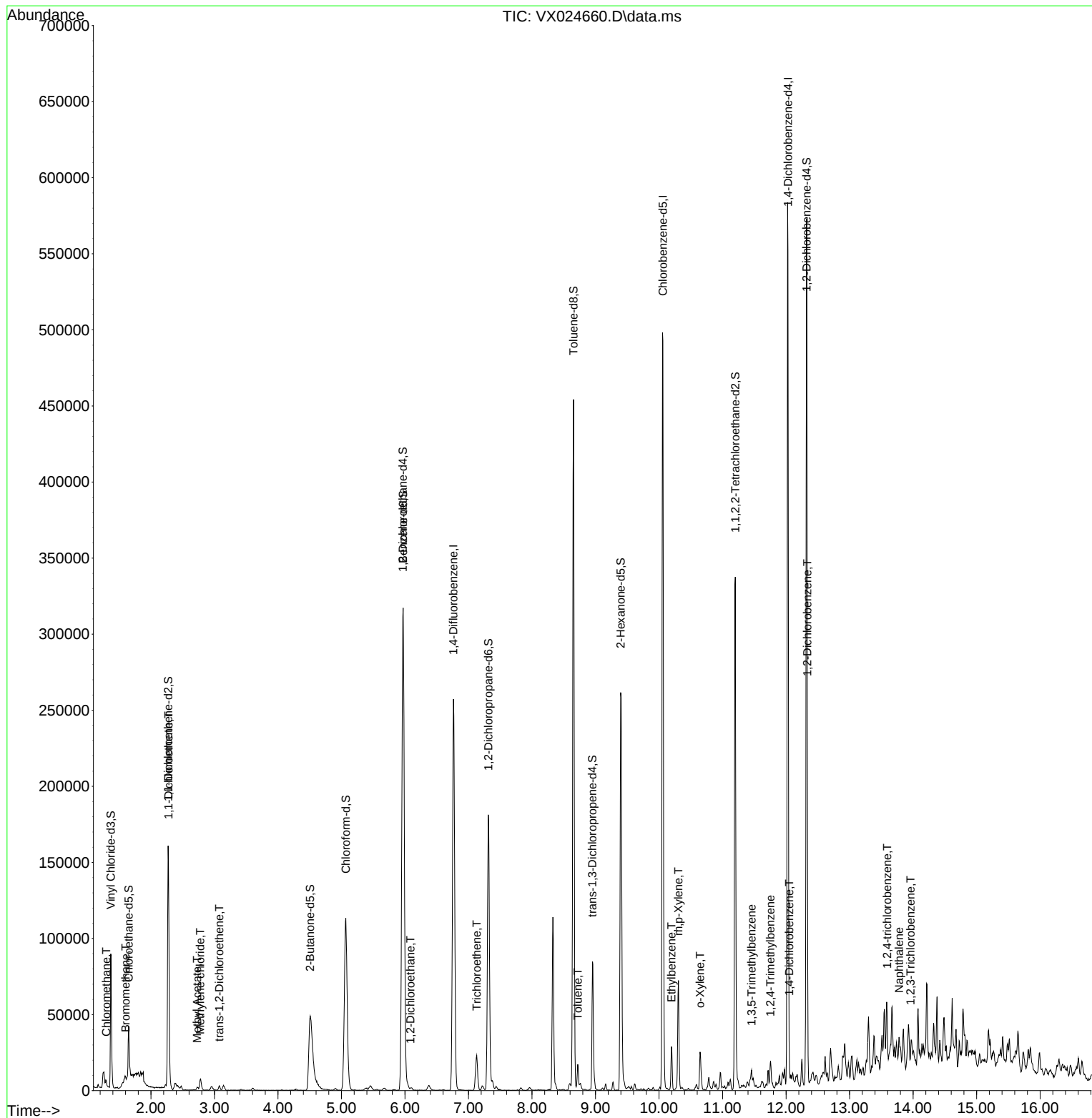
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

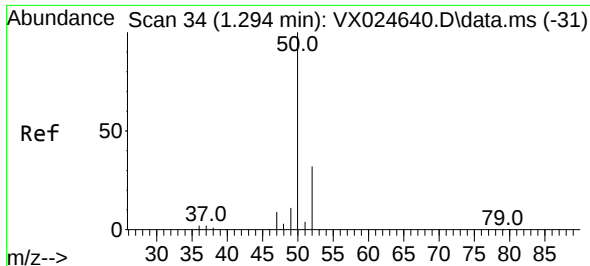
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024660.D
Acq On : 07 Oct 2021 20:54
Operator : JC/MD
Sample : M4001-03ME
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW918ME

Quant Time: Oct 07 23:12:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration

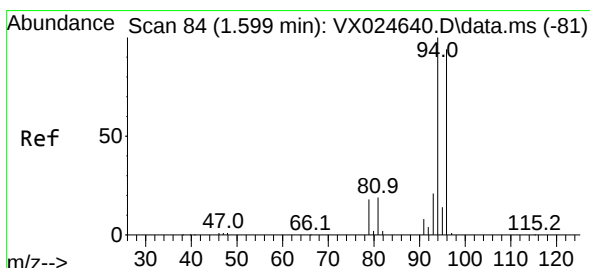
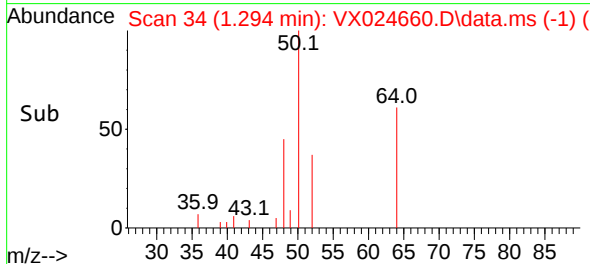
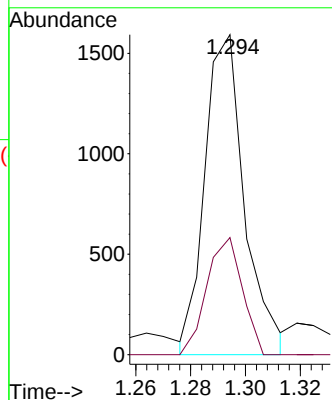
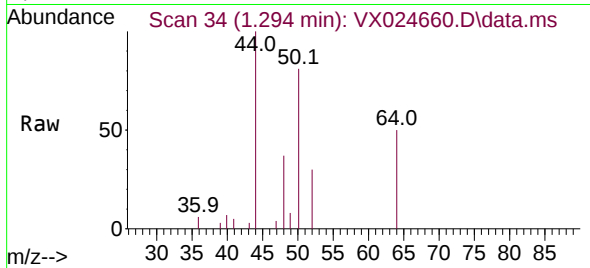




#3
Chloromethane
Concen: 0.834 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

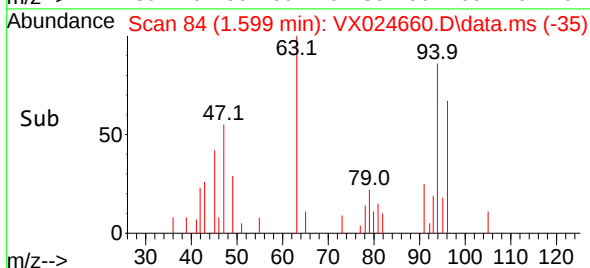
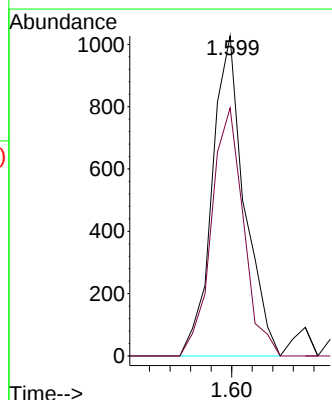
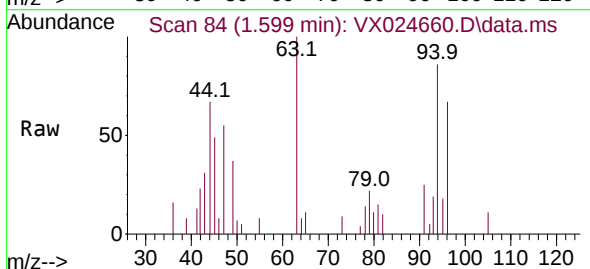
Instrument :
MSVOA_X
ClientSampled :
EW918ME

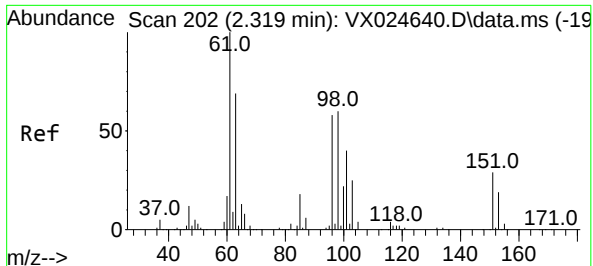
Tgt Ion: 50 Resp: 1604
Ion Ratio Lower Upper
50 100
52 36.6 23.7 43.9



#6
Bromomethane
Concen: 1.046 ug/L
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

Tgt Ion: 94 Resp: 1119
Ion Ratio Lower Upper
94 100
96 77.5 64.8 120.3





#12

1,1-Dichloroethene

Concen: 1.084 ug/L

RT: 2.276 min Scan# 195

Delta R.T. -0.043 min

Lab File: VX024660.D

Acq: 07 Oct 2021 20:54

Tgt Ion: 96 Resp: 1658

Ion Ratio Lower Upper

96 100

61 651.3 115.5 214.5#

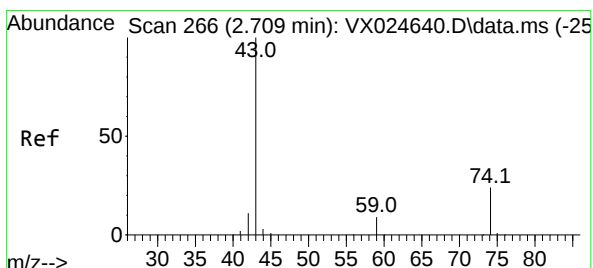
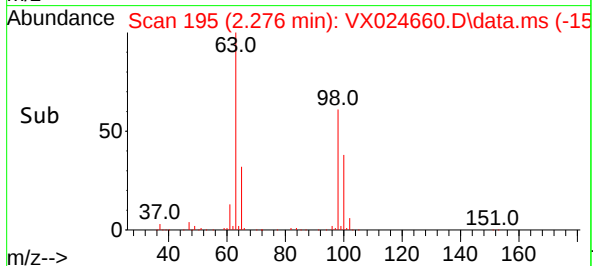
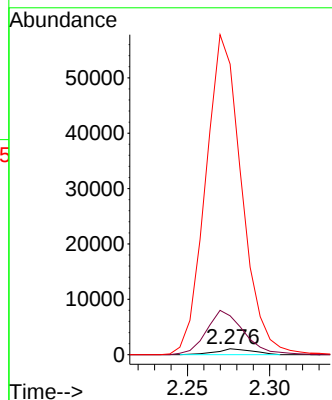
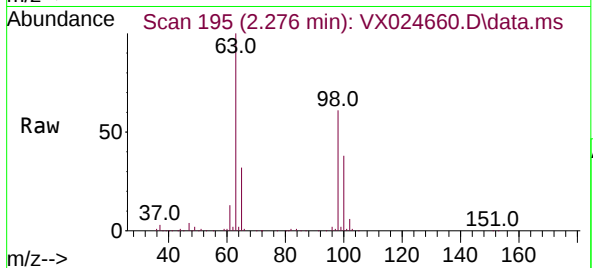
63 4864.5 77.3 143.7#

Instrument :

MSVOA_X

ClientSampleId :

EW918ME



#15

Methyl Acetate

Concen: 1.001 ug/L

RT: 2.727 min Scan# 269

Delta R.T. 0.018 min

Lab File: VX024660.D

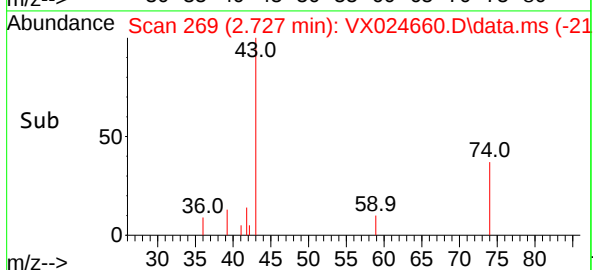
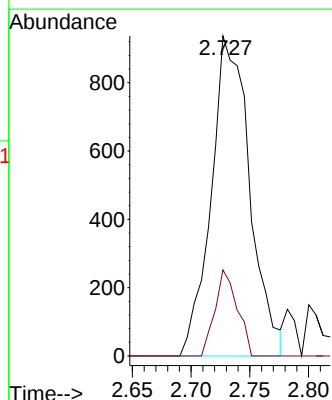
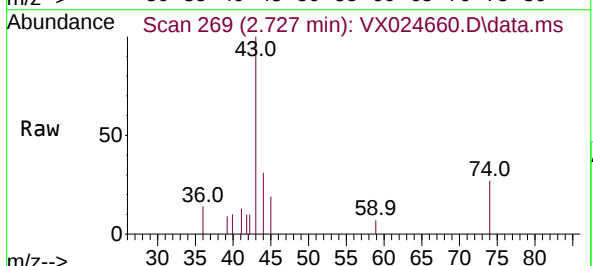
Acq: 07 Oct 2021 20:54

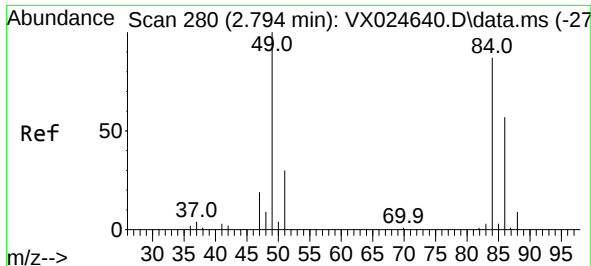
Tgt Ion: 43 Resp: 2136

Ion Ratio Lower Upper

43 100

74 15.6 21.7 32.5#

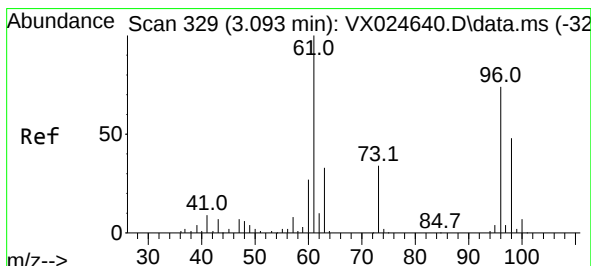
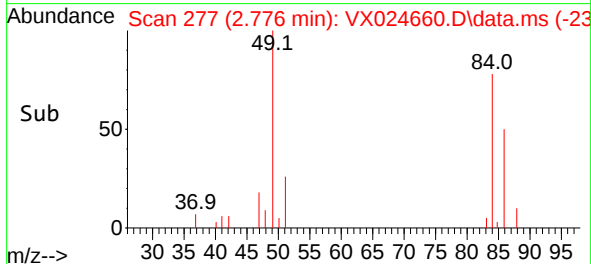
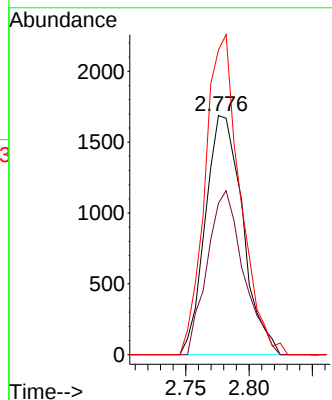
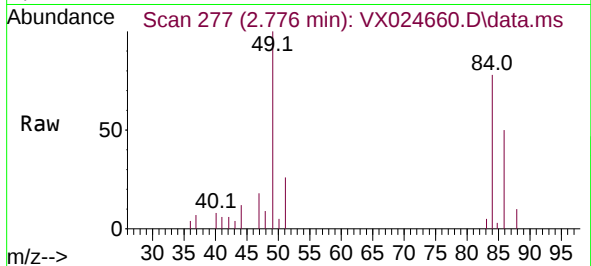




#16
Methylene chloride
Concen: 1.883 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

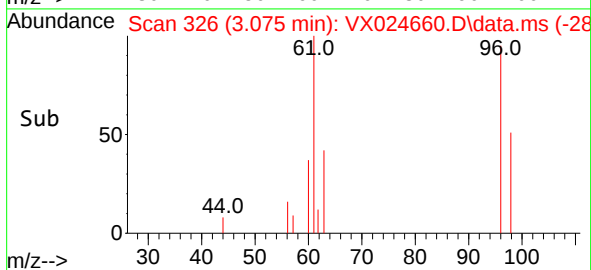
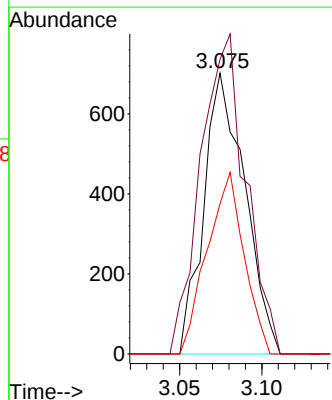
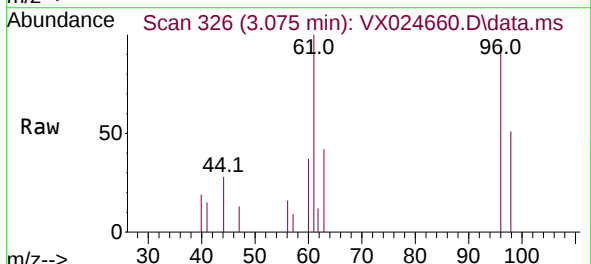
Instrument :
MSVOA_X
ClientSampleId :
EW918ME

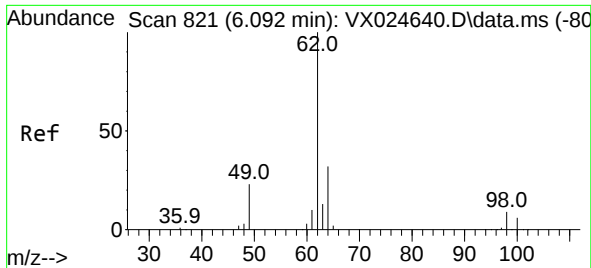
Tgt Ion: 84 Resp: 3466
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.0
49 127.5 77.8 144.6



#17
trans-1,2-Dichloroethene
Concen: 0.704 ug/L
RT: 3.075 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

Tgt Ion: 96 Resp: 1221
Ion Ratio Lower Upper
96 100
61 105.0 92.3 171.3
98 53.6 46.3 85.9

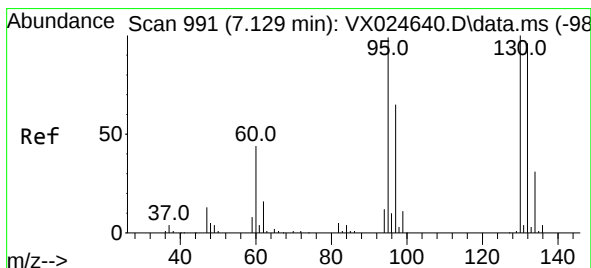
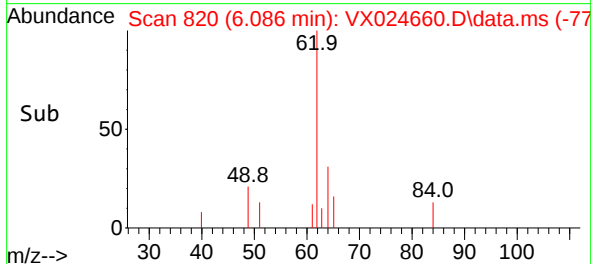
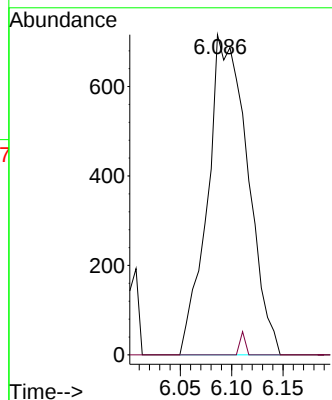
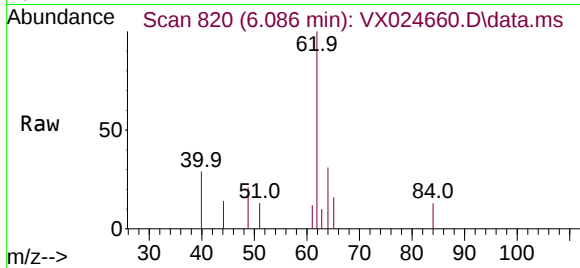




#27
1,2-Dichloroethane
Concen: 0.682 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

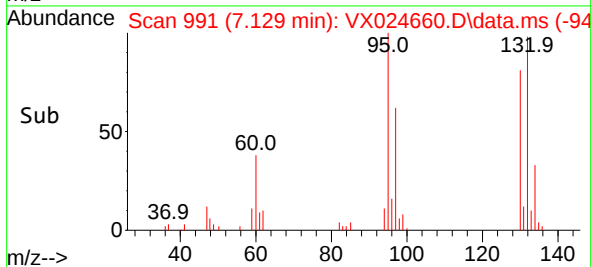
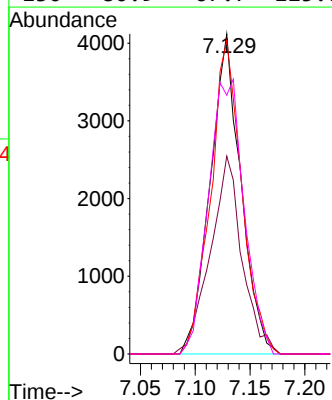
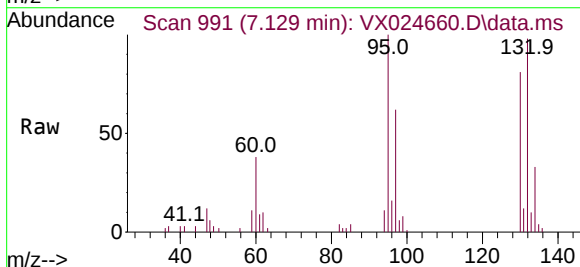
Instrument :
MSVOA_X
ClientSampleId :
EW918ME

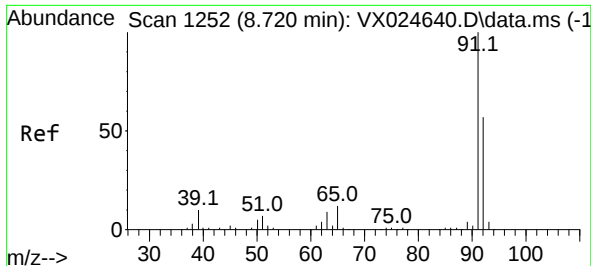
Tgt Ion: 62 Resp: 1938
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#34
Trichloroethene
Concen: 3.930 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

Tgt Ion: 95 Resp: 8018
Ion Ratio Lower Upper
95 100
97 61.8 44.5 82.7
132 98.0 65.2 121.0
130 80.9 67.7 125.7

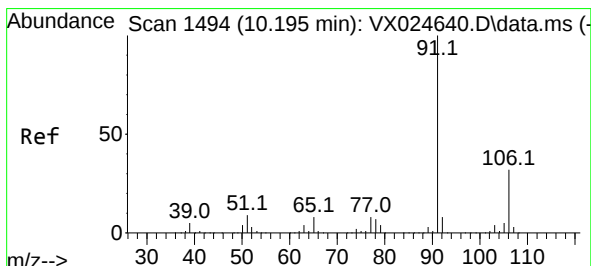
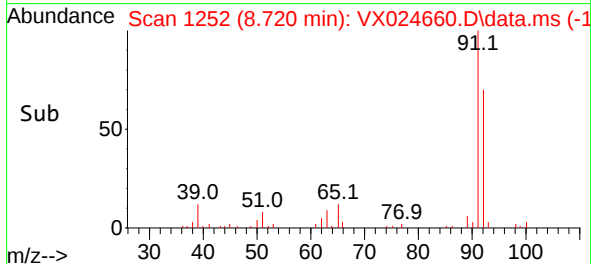
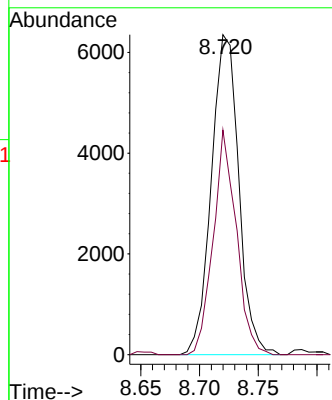
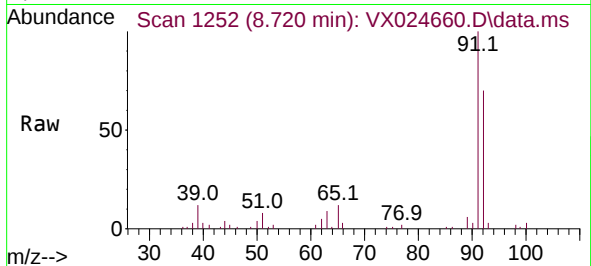




#42
Toluene
Concen: 1.247 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

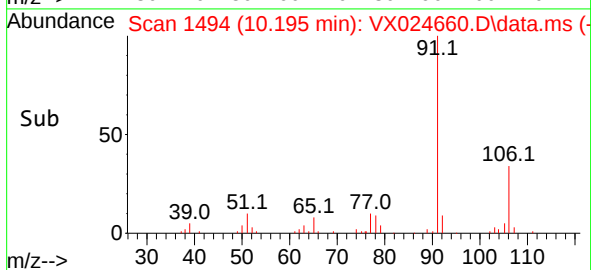
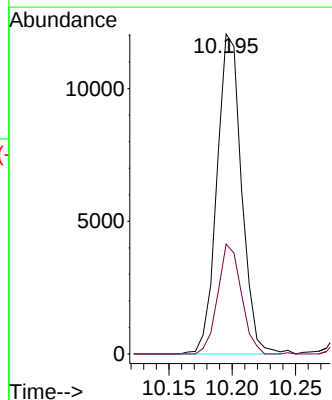
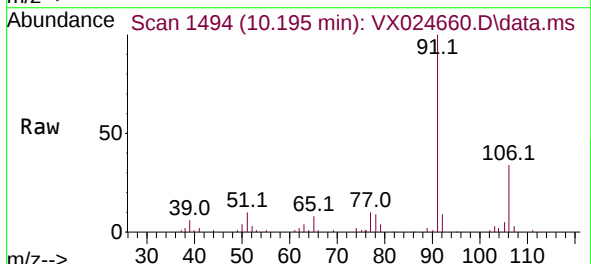
Instrument :
MSVOA_X
ClientSampled :
EW918ME

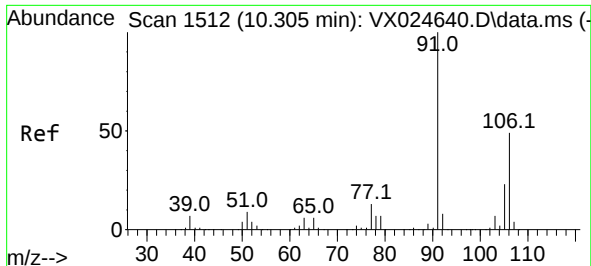
Tgt Ion: 91 Resp: 10316
Ion Ratio Lower Upper
91 100
92 70.2 40.5 75.1



#52
Ethylbenzene
Concen: 1.914 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

Tgt Ion: 91 Resp: 16308
Ion Ratio Lower Upper
91 100
106 34.3 21.0 39.0

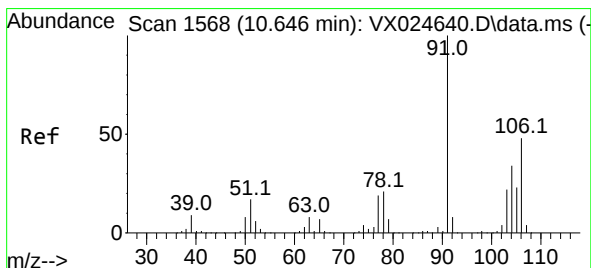
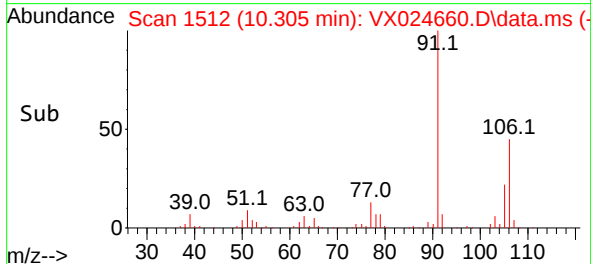
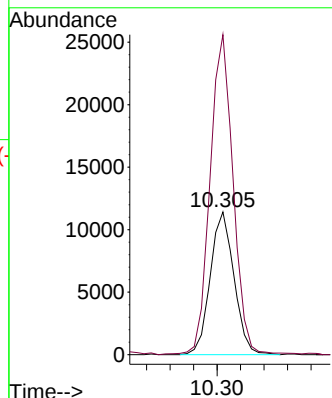
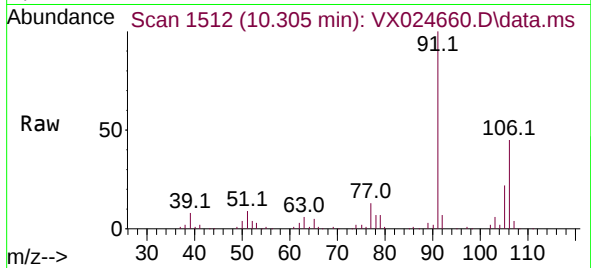




#53
m,p-Xylene
Concen: 4.823 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

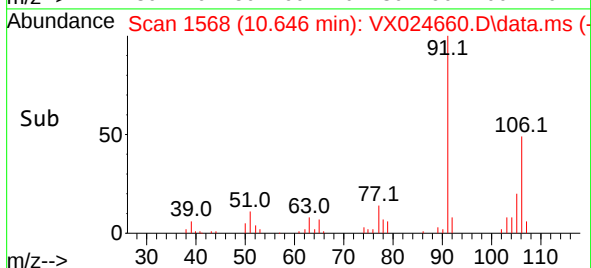
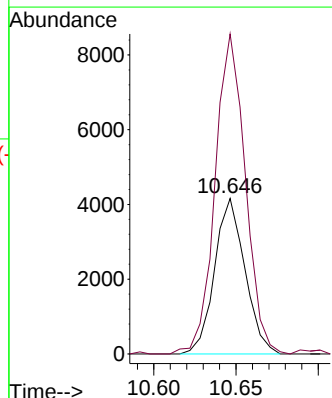
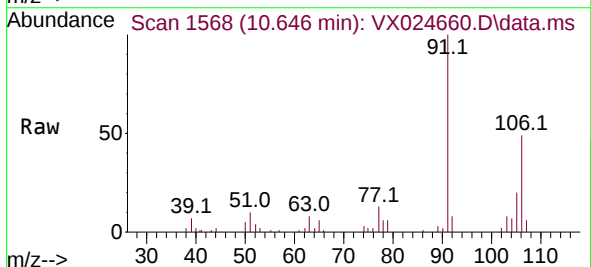
Instrument :
MSVOA_X
ClientSampled :
EW918ME

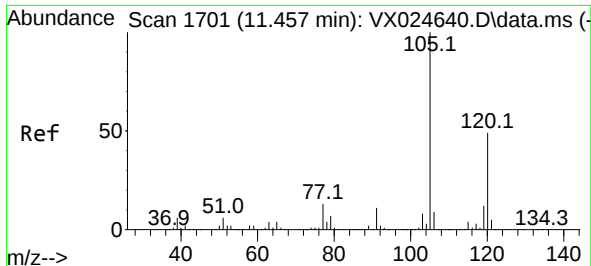
Tgt Ion:106 Resp: 16052
Ion Ratio Lower Upper
106 100
91 224.3 142.5 264.6



#54
o-Xylene
Concen: 1.610 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

Tgt Ion:106 Resp: 5351
Ion Ratio Lower Upper
106 100
91 205.7 156.2 290.0

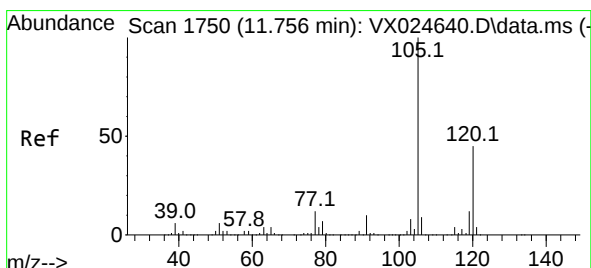
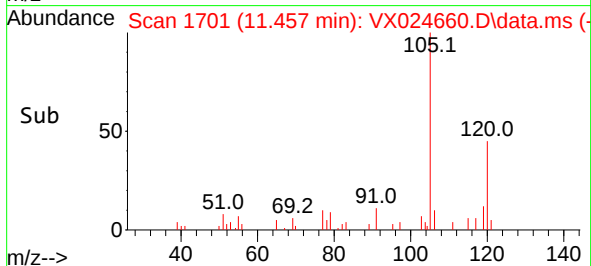
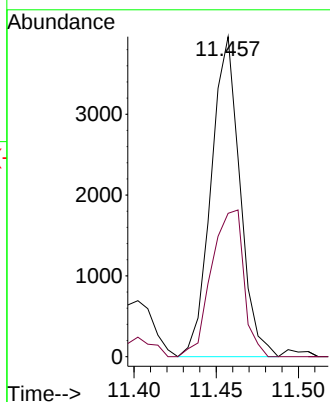
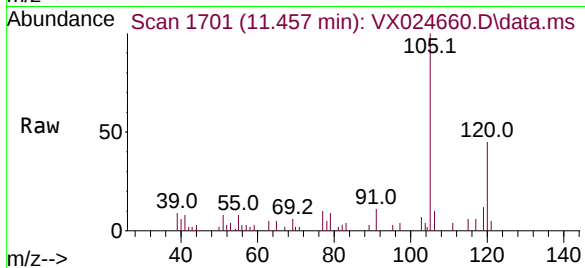




#62
1,3,5-Trimethylbenzene
Concen: 0.641 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

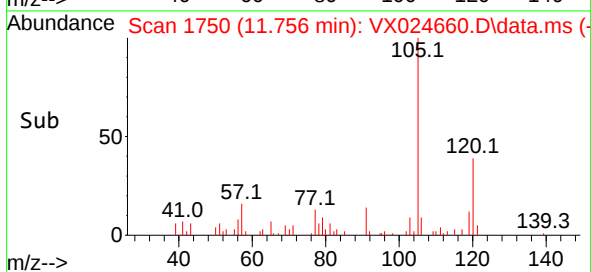
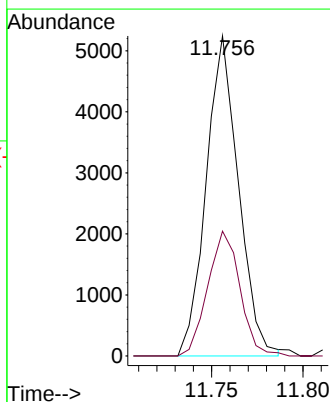
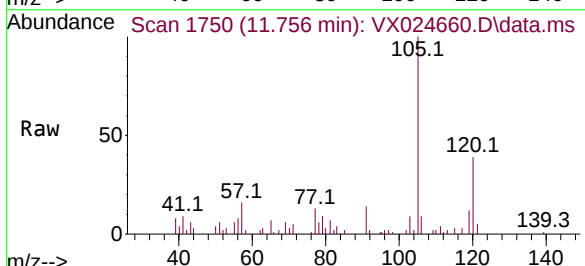
Instrument :
MSVOA_X
ClientSampleId :
EW918ME

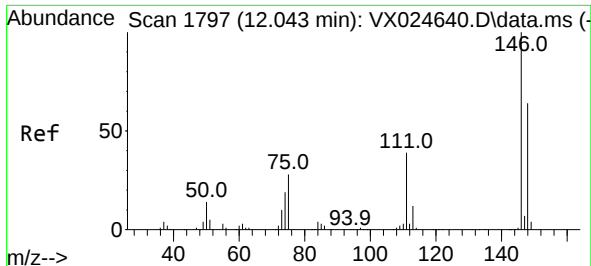
Tgt Ion:105 Resp: 4840
Ion Ratio Lower Upper
105 100
120 51.4 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 0.873 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

Tgt Ion:105 Resp: 6448
Ion Ratio Lower Upper
105 100
120 38.9 36.4 54.6

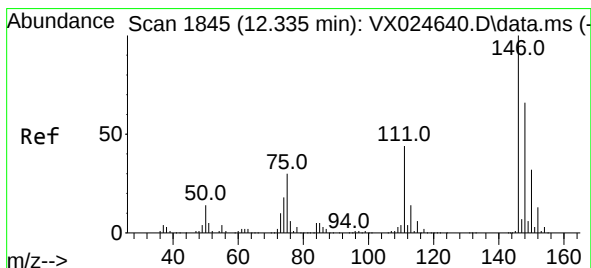
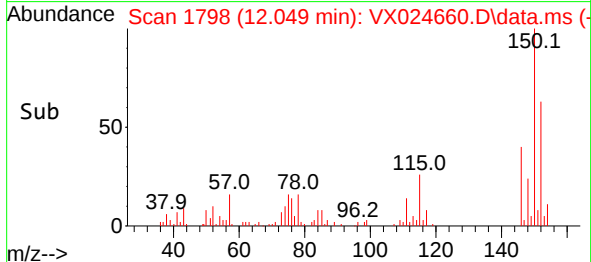
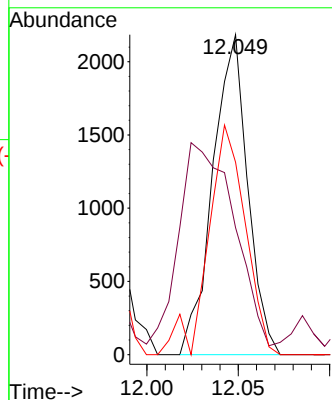
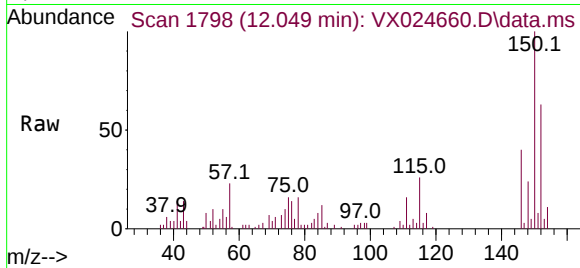




#65
1,4-Dichlorobenzene
Concen: 0.725 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

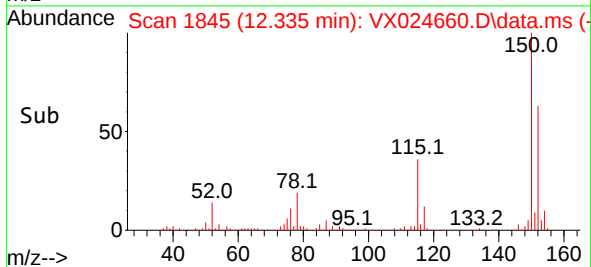
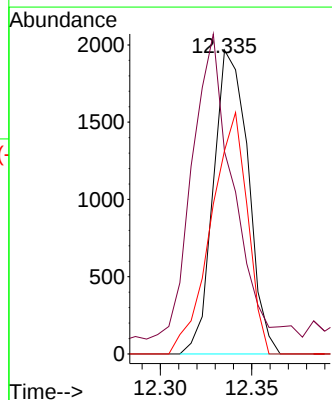
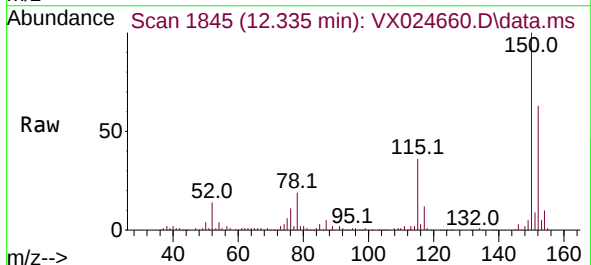
Instrument :
MSVOA_X
ClientSampled :
EW918ME

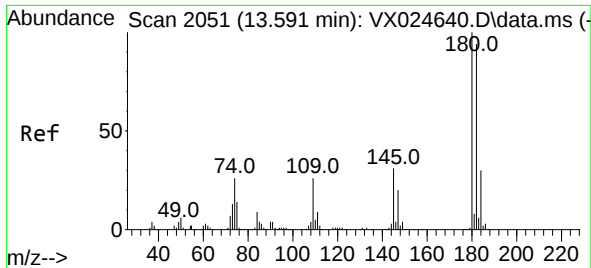
Tgt Ion:146 Resp: 2904
Ion Ratio Lower Upper
146 100
111 39.7 28.7 53.3
148 60.1 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 0.656 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

Tgt Ion:146 Resp: 2596
Ion Ratio Lower Upper
146 100
111 66.6 33.8 50.8#
148 66.9 51.4 77.2

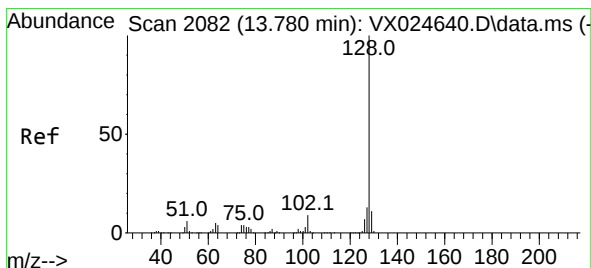
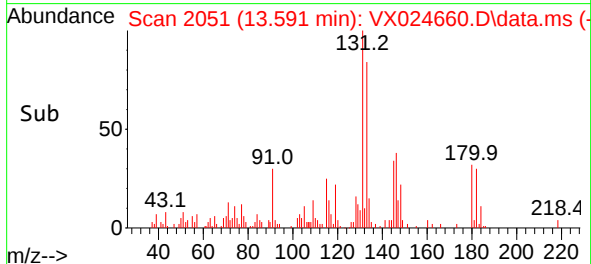
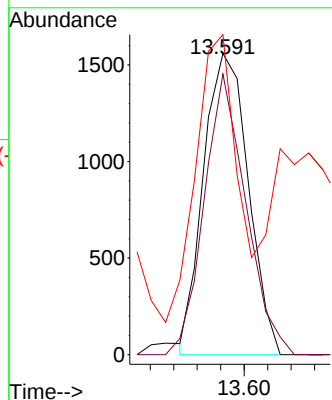
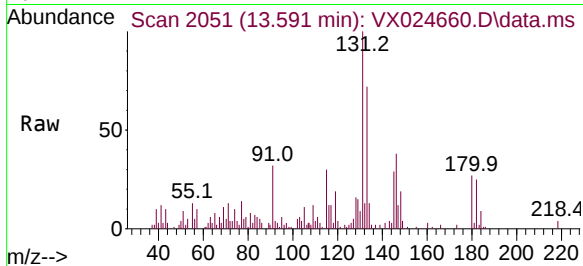




#70
1,2,4-trichlorobenzene
Concen: 0.847 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

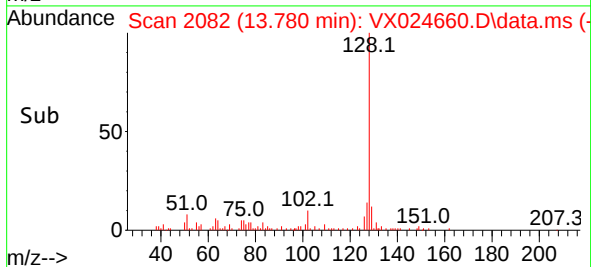
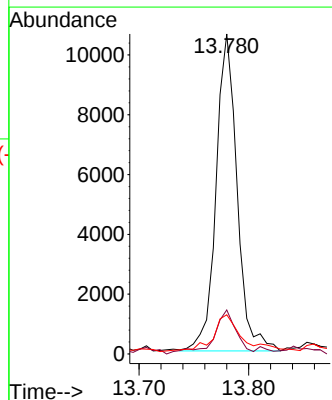
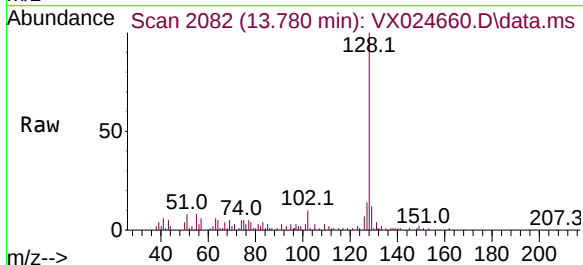
Instrument :
MSVOA_X
ClientSampleId :
EW918ME

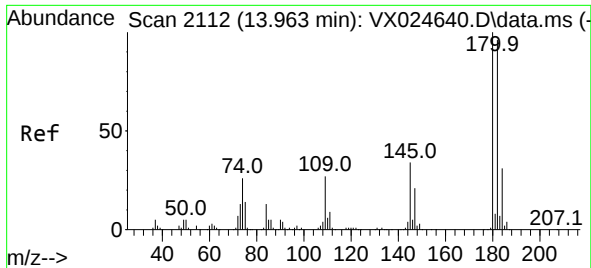
Tgt Ion:180 Resp: 2064
Ion Ratio Lower Upper
180 100
182 86.8 74.3 111.5
145 87.5 24.1 36.1#



#71
Naphthalene
Concen: 1.742 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024660.D
Acq: 07 Oct 2021 20:54

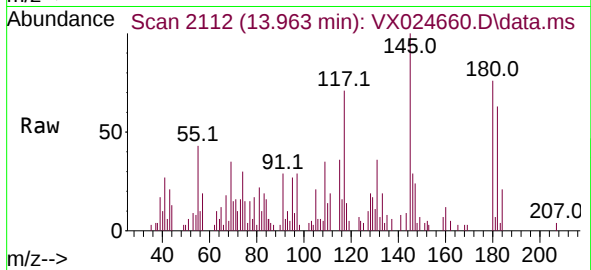
Tgt Ion:128 Resp: 14174
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 8.6 8.6 13.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.724 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX024660.D
 Acq: 07 Oct 2021 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 EW918ME



Tgt Ion:180 Resp: 1821

Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.6	112.0
145	214.7	25.6	38.4#

