

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042722\
 Data File : VX028372.D
 Acq On : 27 Apr 2022 12:50
 Operator : JC/MD
 Sample : N2508-01
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40576-SOL

Quant Time: Apr 27 15:54:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	451792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	749541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	682780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	325415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	254175	43.147	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.300%
35) Dibromofluoromethane	5.391	113	223093	42.442	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	84.880%
50) Toluene-d8	8.647	98	863266	42.759	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	85.520%
62) 4-Bromofluorobenzene	11.085	95	303642	39.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	78.660%

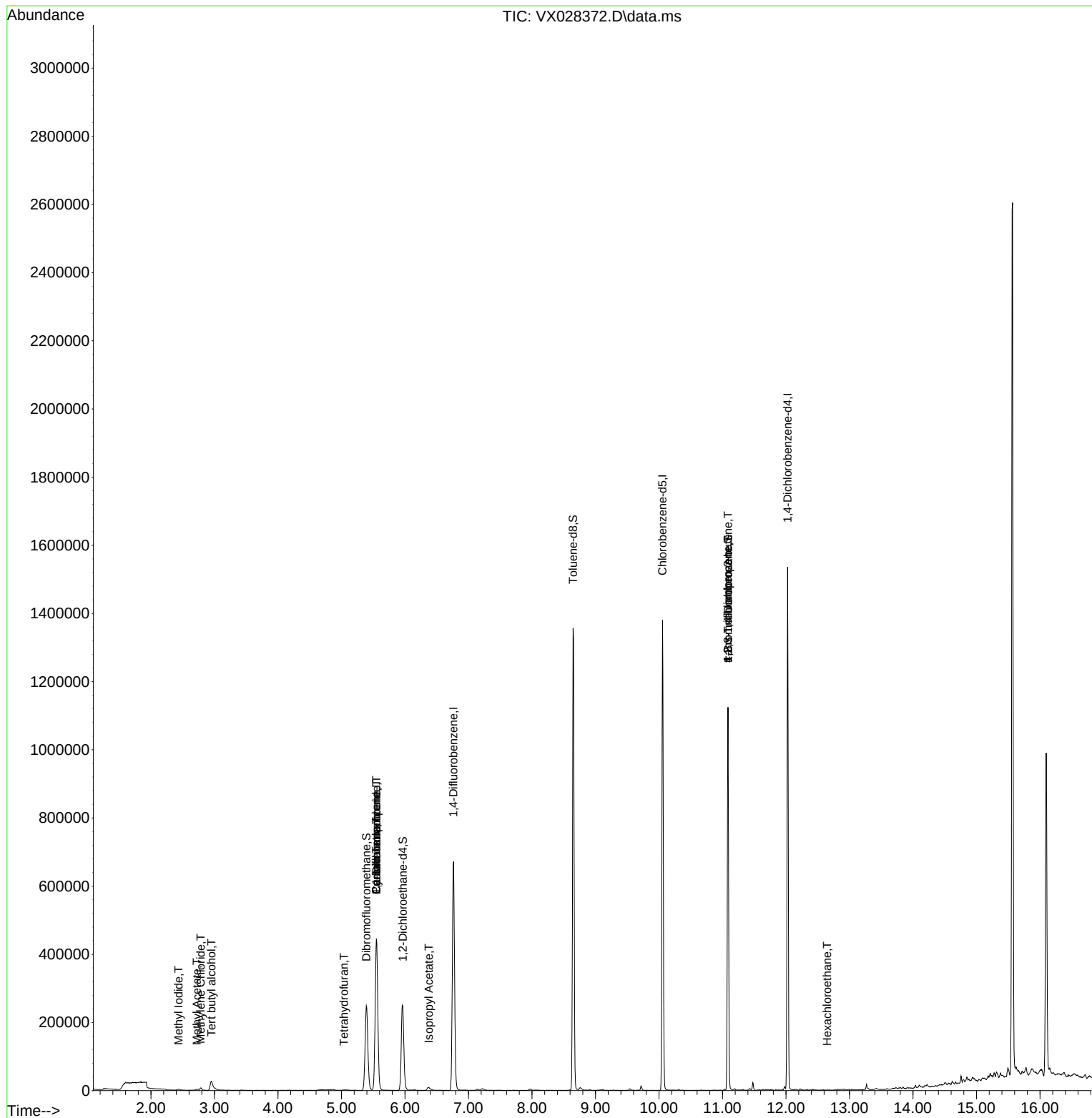
Target Compounds						Qvalue
3) Chloromethane	1.295	50	435	Below Cal	#	84
5) Bromomethane	1.599	94	2534	Below Cal	#	80
6) Chloroethane	1.685	64	248	Below Cal	#	43
8) Diethyl Ether	2.063	74	22	Below Cal	#	7
10) Methyl Iodide	2.435	142	1759	5.549	ug/l	100
11) Tert butyl alcohol	2.953	59	23248	11.115	ug/l	# 73
16) Acetone	2.361	43	194	Below Cal	#	39
18) Methyl Acetate	2.721	43	5108	0.975	ug/l	# 78
20) Methylene Chloride	2.782	84	3514	0.804	ug/l	# 91
29) Tetrahydrofuran	5.038	42	497	0.218	ug/l	# 54
31) Cyclohexane	5.550	56	8577	1.195	ug/l	# 4
36) 1,1-Dichloropropene	5.550	75	31547	4.601	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	44908	5.802	ug/l	# 15
43) Isopropyl Acetate	6.373	43	5197	0.459	ug/l	# 56
76) 1,2,3-Trichloropropane	11.085	75	151826	23.707	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	151826	70.450	ug/l	# 15
90) Hexachloroethane	12.646	117	22	1.820	ug/l	# 10

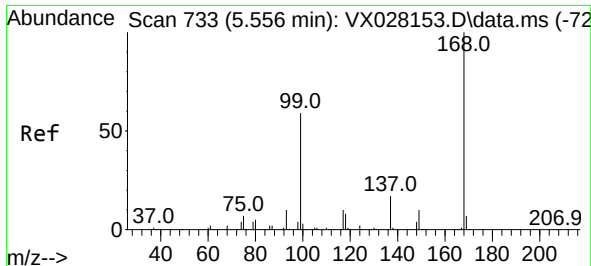
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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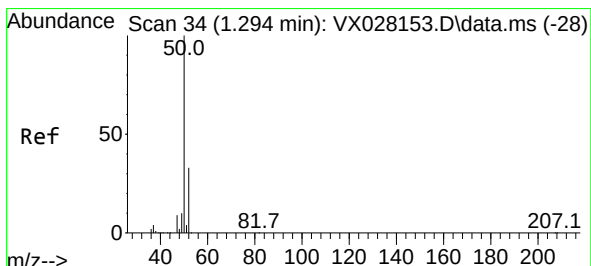
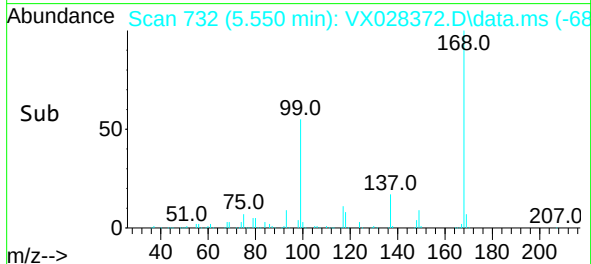
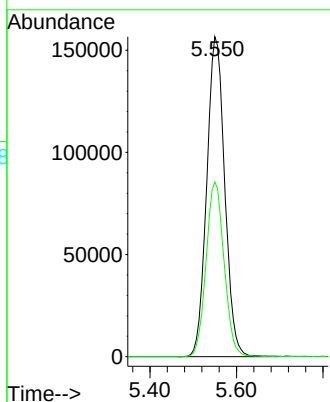
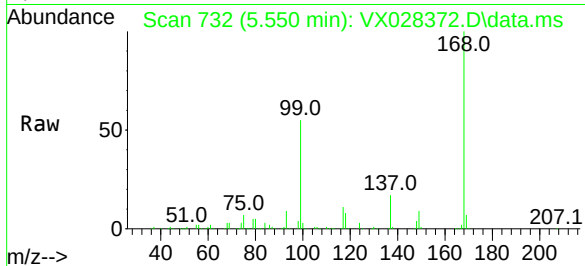




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

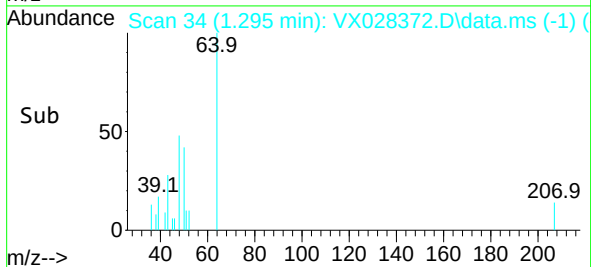
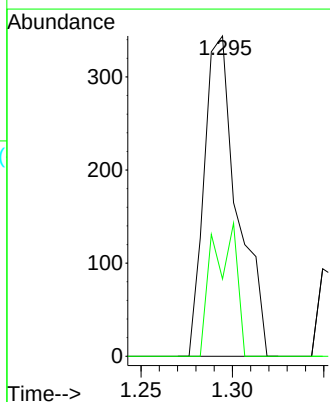
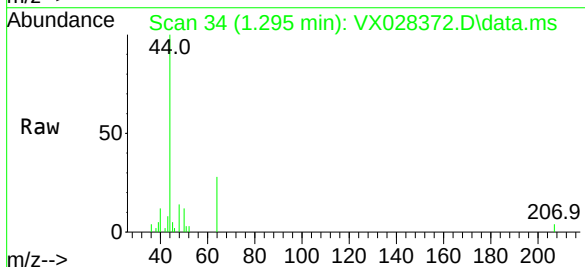
Instrument :
MSVOA_X
ClientSampleId :
40576-SOL

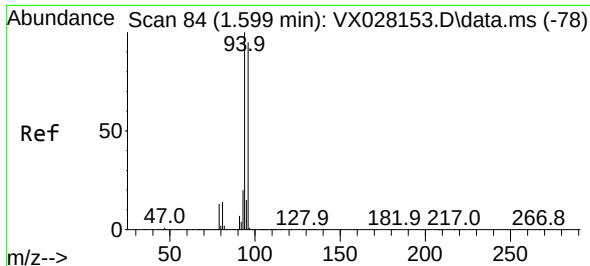
Tgt Ion:168 Resp: 451792
Ion Ratio Lower Upper
168 100
99 54.6 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 24.1 26.4 39.6#

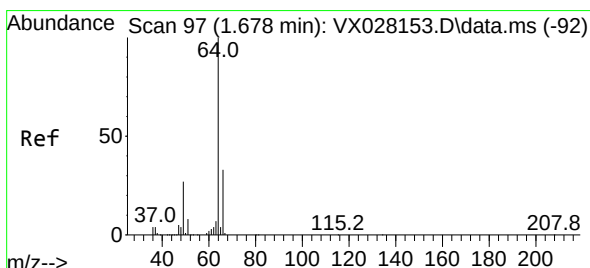
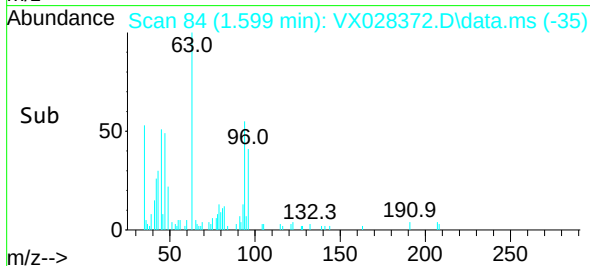
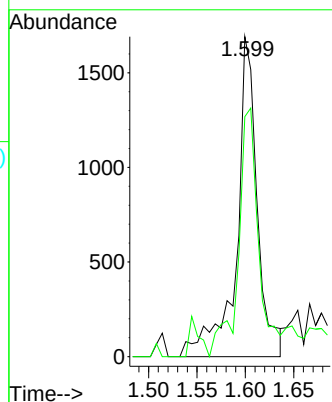
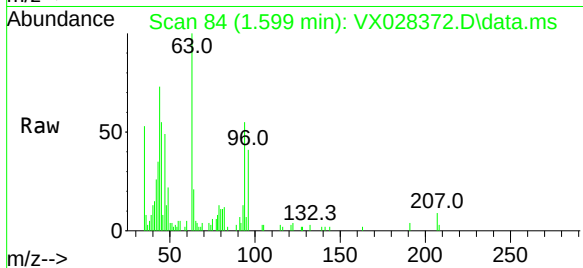




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

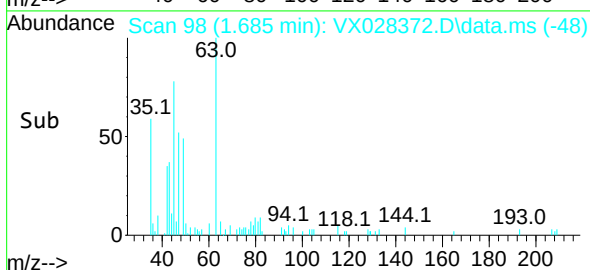
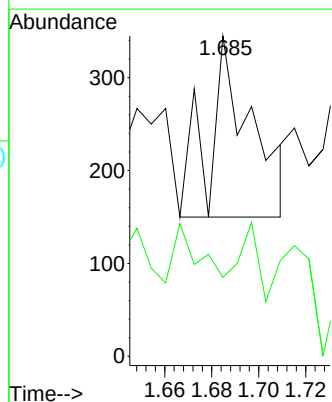
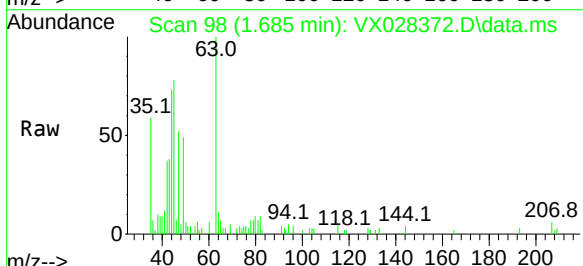
Instrument :
MSVOA_X
ClientSampleId :
40576-SOL

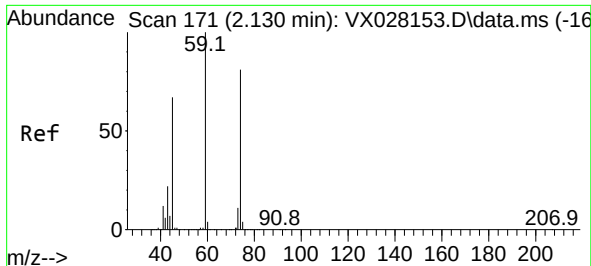
Tgt Ion: 94 Resp: 2534
Ion Ratio Lower Upper
94 100
96 75.0 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Tgt Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

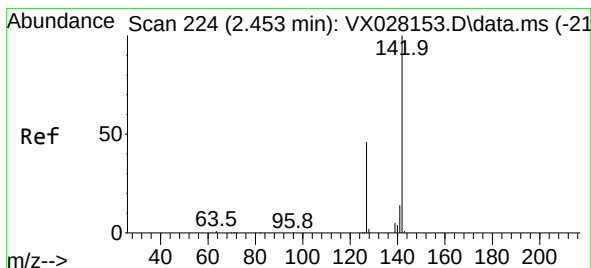
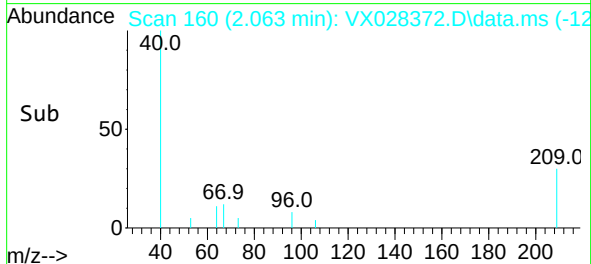
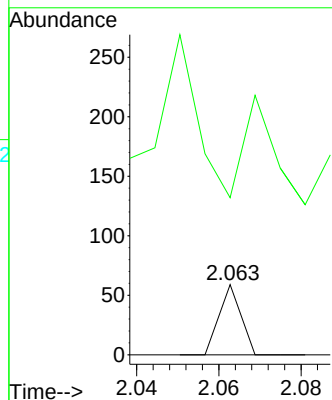
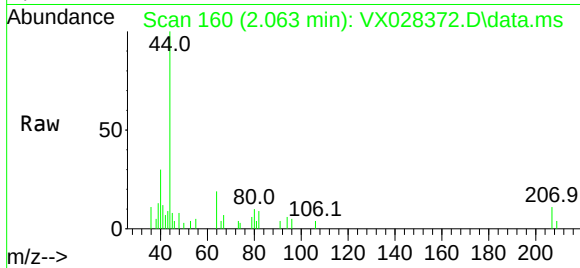




#8
Diethyl Ether
Concen: Below Cal
RT: 2.063 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

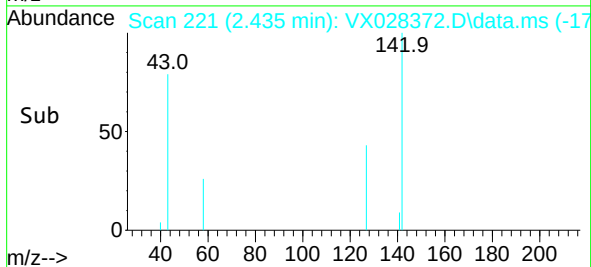
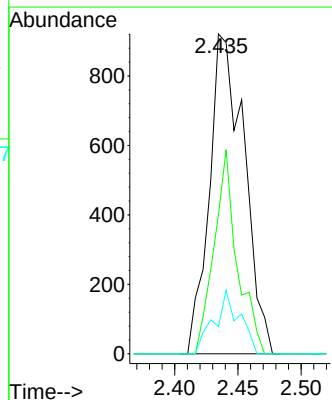
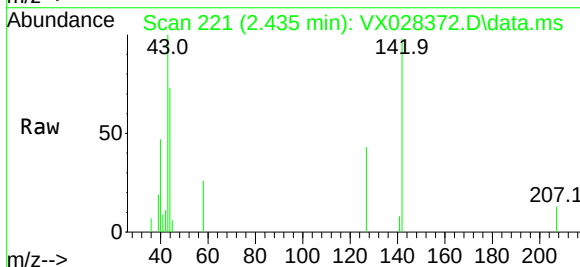
Instrument :
MSVOA_X
ClientSampleId :
40576-SOL

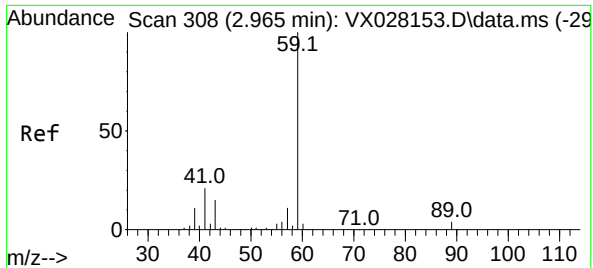
Tgt Ion: 74 Resp: 22
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.549 ug/l
RT: 2.435 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Tgt Ion: 142 Resp: 1759
Ion Ratio Lower Upper
142 100
127 42.6 33.9 50.9
141 14.4 11.4 17.2

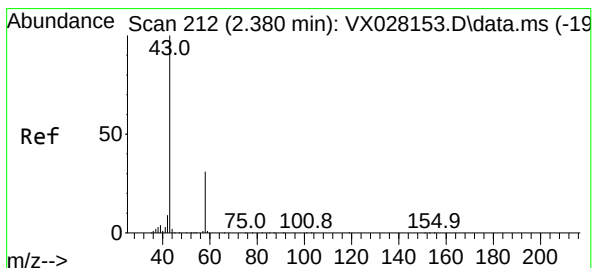
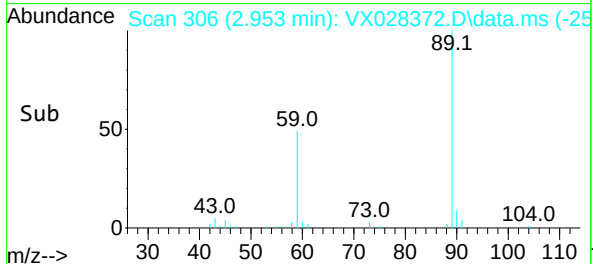
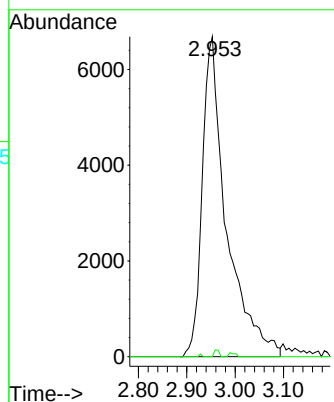
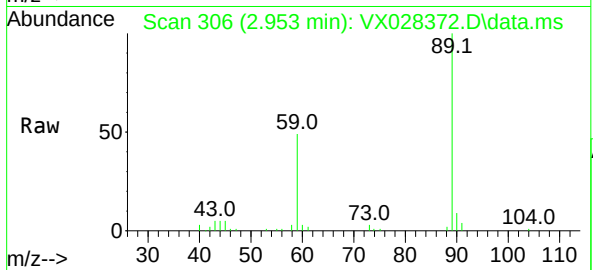




#11
Tert butyl alcohol
Concen: 11.115 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

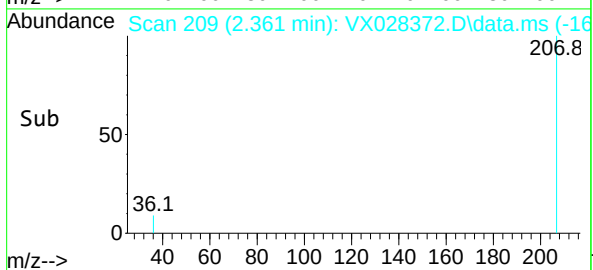
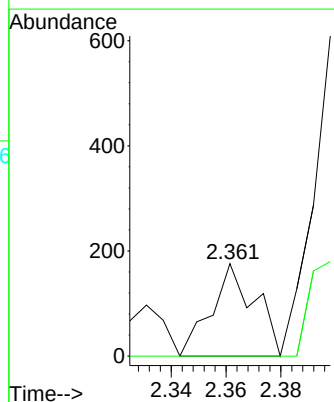
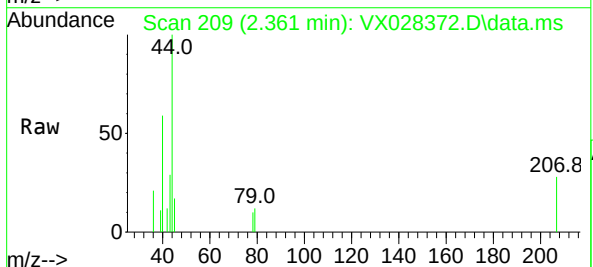
Instrument :
MSVOA_X
ClientSampleId :
40576-SOL

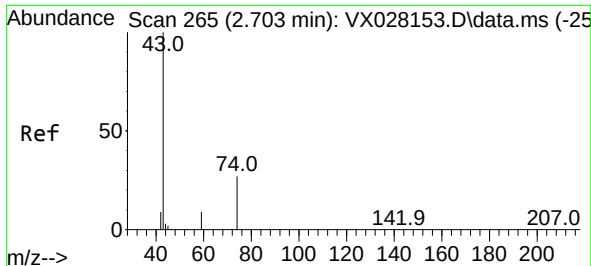
Tgt Ion: 59 Resp: 23248
Ion Ratio Lower Upper
59 100
57 0.4 8.3 12.5#



#16
Acetone
Concen: Below Cal
RT: 2.361 min Scan# 209
Delta R.T. -0.019 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Tgt Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#

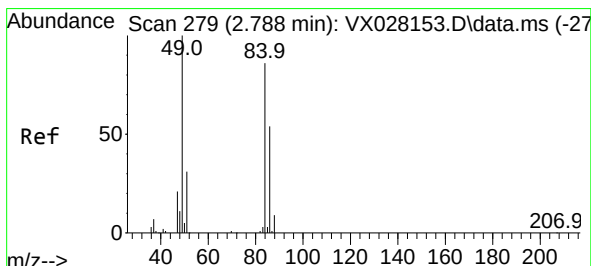
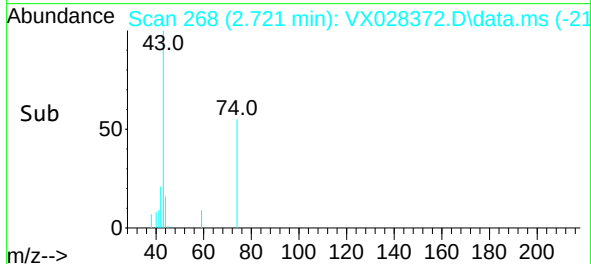
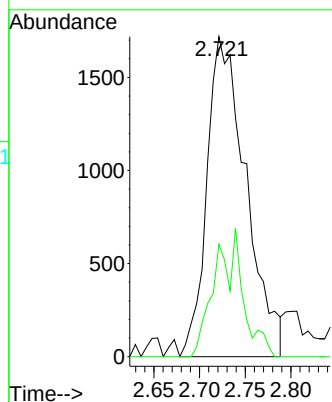
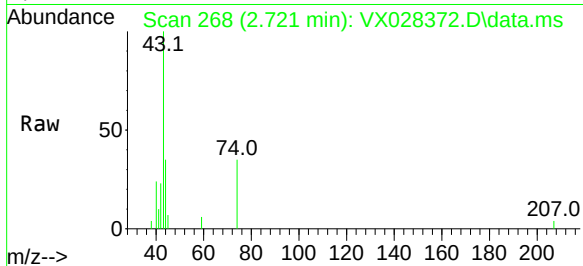




#18
Methyl Acetate
Concen: 0.975 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

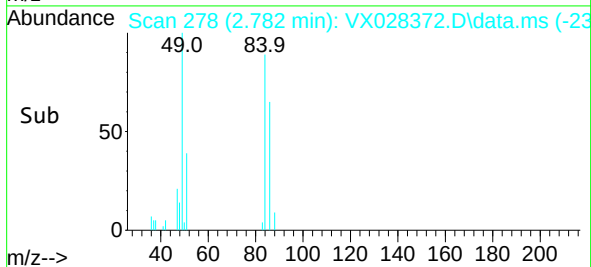
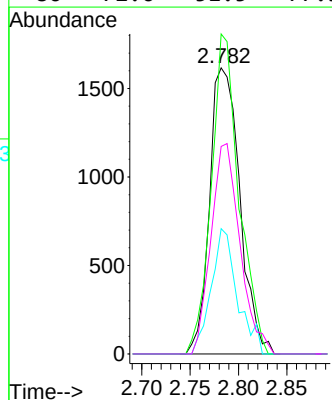
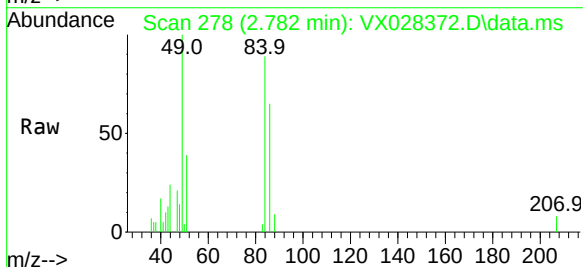
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ClientSampleId :
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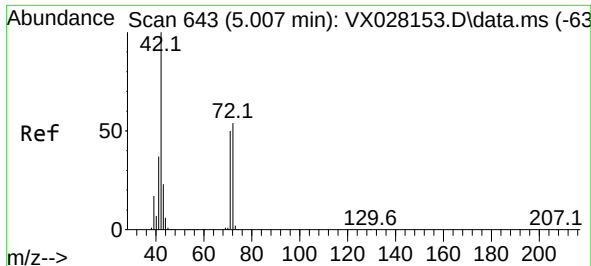
Tgt Ion: 43 Resp: 5108
Ion Ratio Lower Upper
43 100
74 16.7 22.8 34.2#



#20
Methylene Chloride
Concen: 0.804 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Tgt Ion: 84 Resp: 3514
Ion Ratio Lower Upper
84 100
49 111.9 85.5 128.3
51 43.8 26.6 39.8#
86 72.6 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.218 ug/l

RT: 5.038 min Scan# 643

Delta R.T. 0.031 min

Lab File: VX028372.D

Acq: 27 Apr 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

40576-SOL

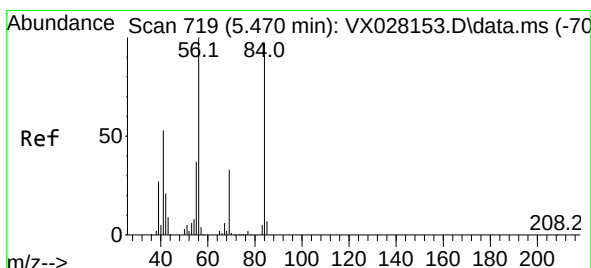
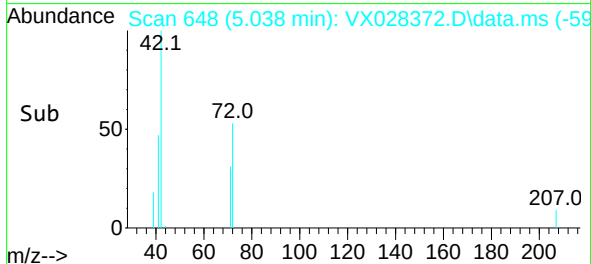
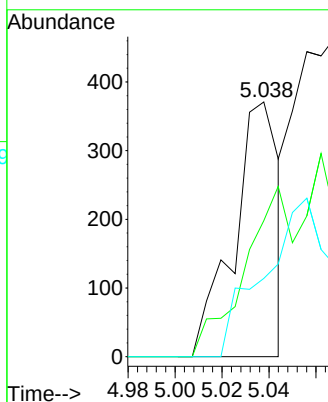
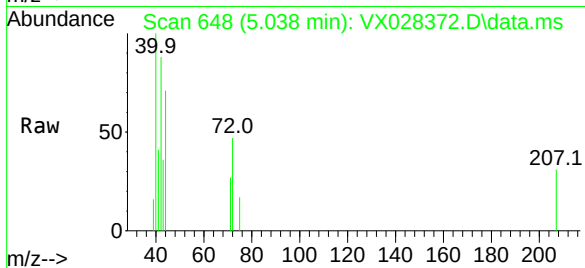
Tgt Ion: 42 Resp: 497

Ion Ratio Lower Upper

42 100

72 70.0 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.195 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX028372.D

Acq: 27 Apr 2022 12:50

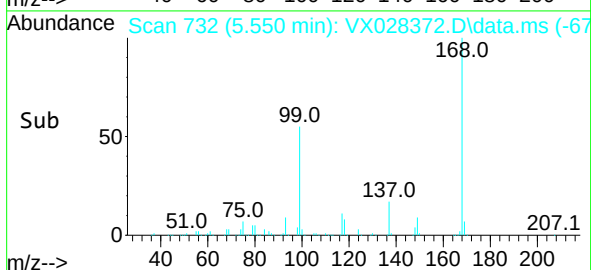
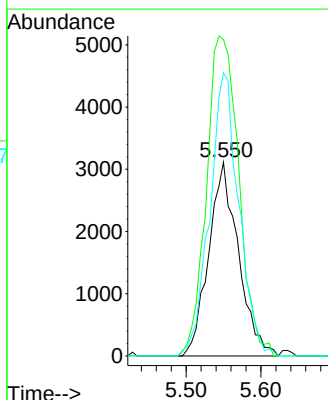
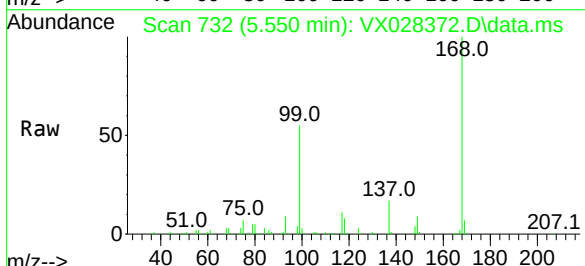
Tgt Ion: 56 Resp: 8577

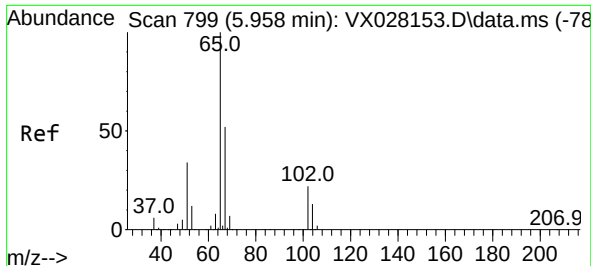
Ion Ratio Lower Upper

56 100

69 163.2 26.7 40.1#

84 146.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.147 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX028372.D

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MSVOA_X

ClientSampleId :

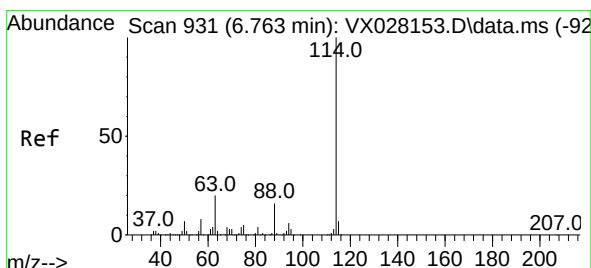
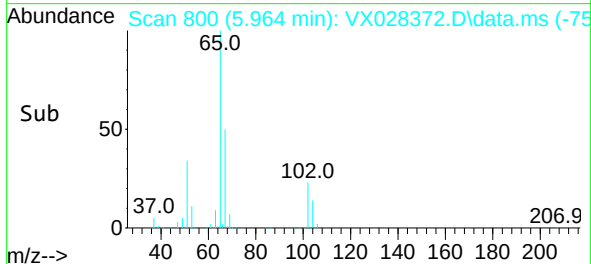
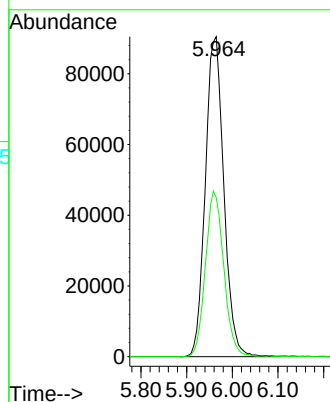
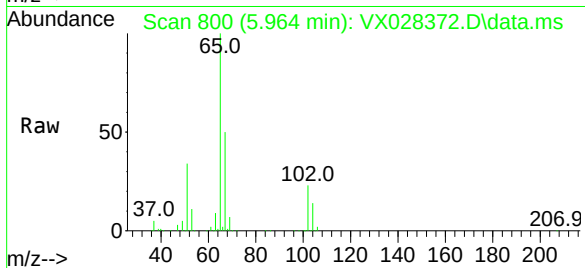
40576-SOL

Tgt Ion: 65 Resp: 254175

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028372.D

Acq: 27 Apr 2022 12:50

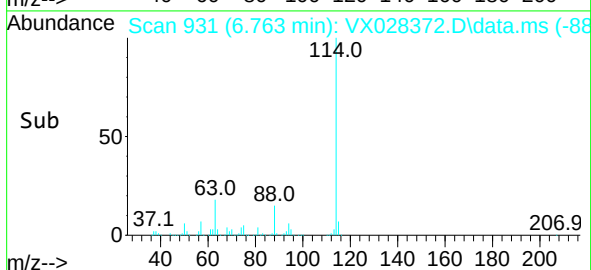
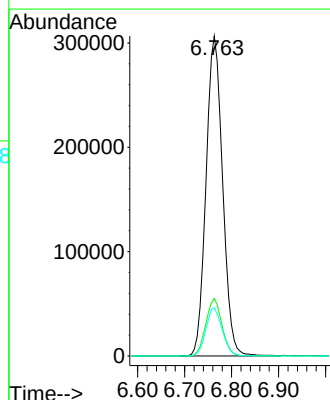
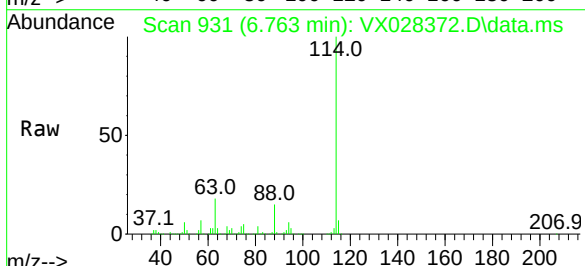
Tgt Ion: 114 Resp: 749541

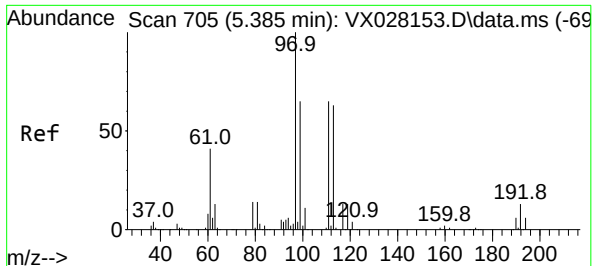
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 15.0 0.0 32.4

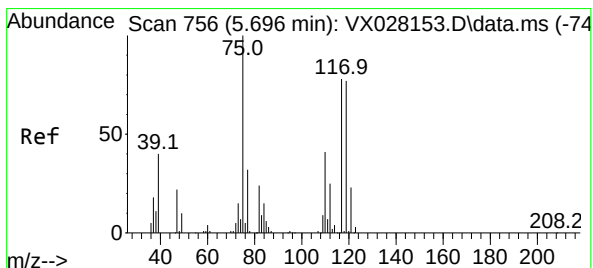
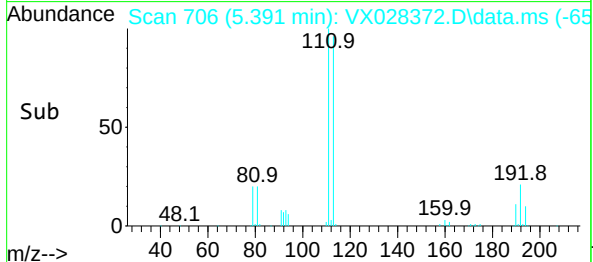
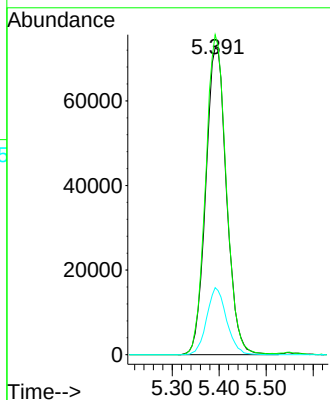
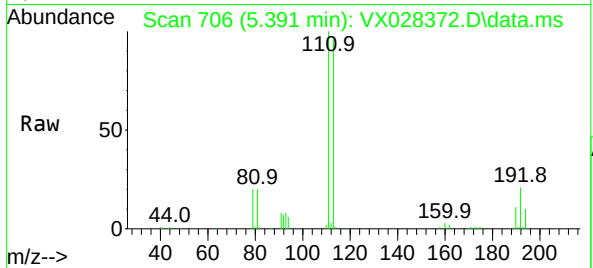




#35
 Dibromofluoromethane
 Concen: 42.442 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX028372.D
 Acq: 27 Apr 2022 12:50

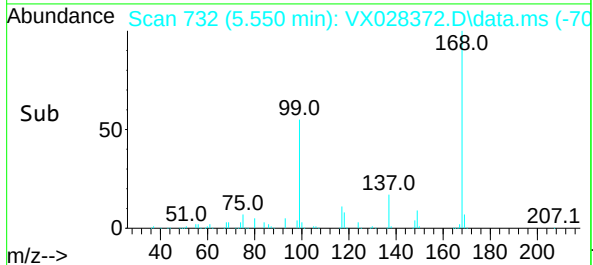
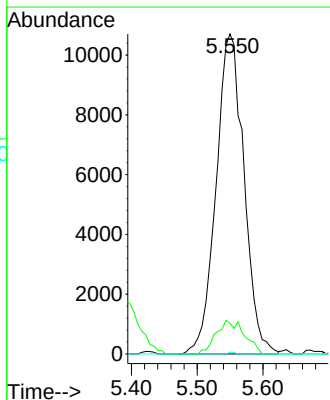
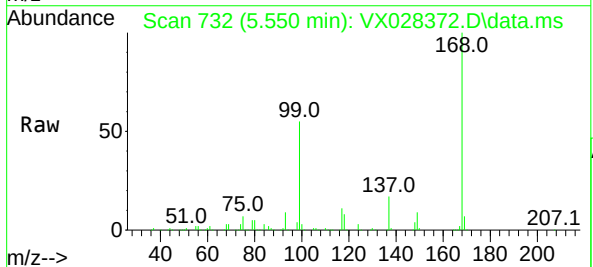
Instrument :
 MSVOA_X
 ClientSampleId :
 40576-SOL

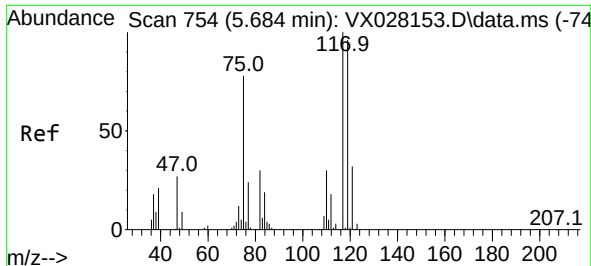
Tgt Ion:113 Resp: 223093
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 20.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.601 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX028372.D
 Acq: 27 Apr 2022 12:50

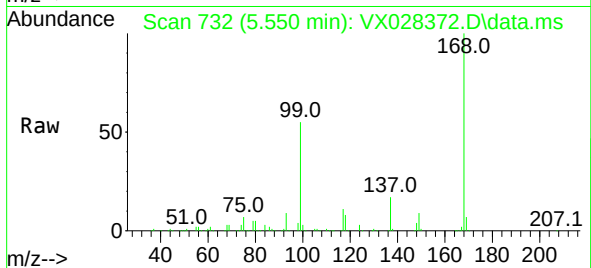
Tgt Ion: 75 Resp: 31547
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.3 54.8#
 77 0.1 24.8 37.2#



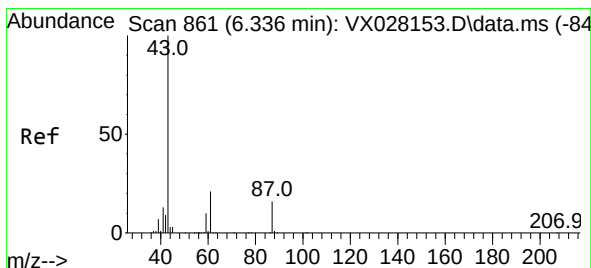
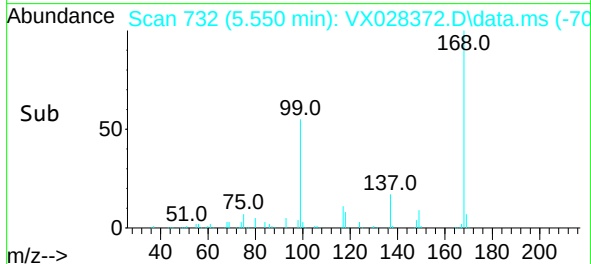
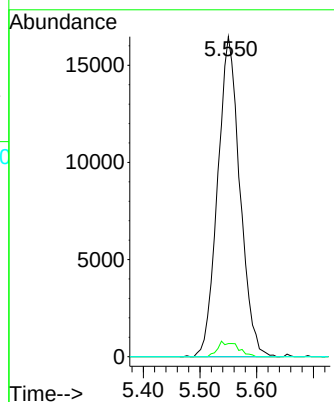


#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Instrument :
MSVOA_X
ClientSampleId :
40576-SOL

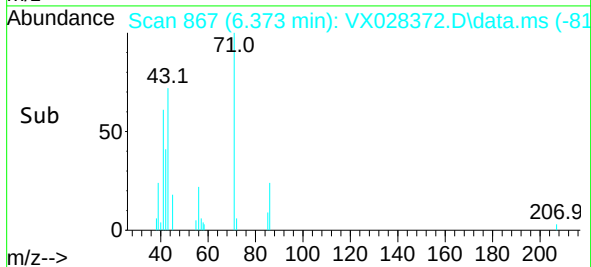
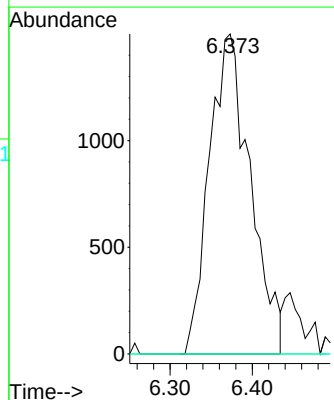
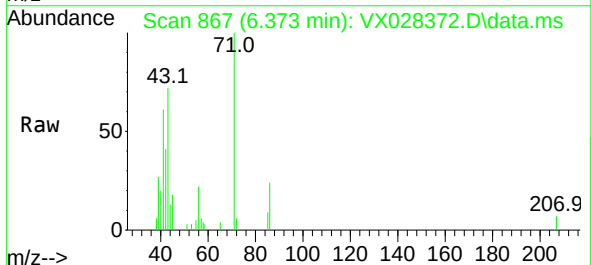


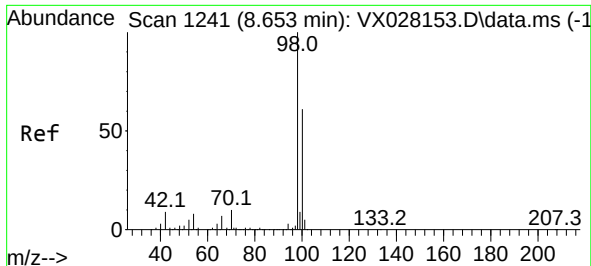
Tgt Ion:117 Resp: 44908
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.459 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.037 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Tgt Ion: 43 Resp: 5197
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

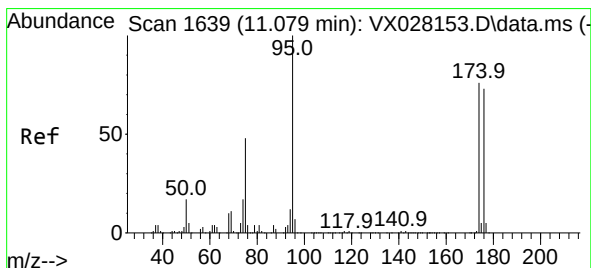
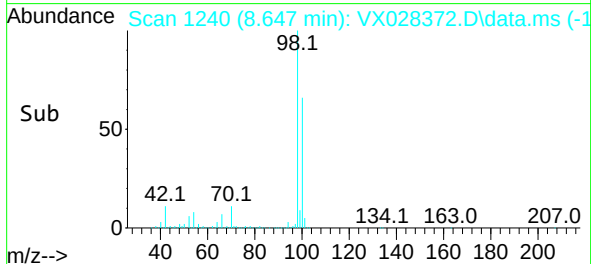
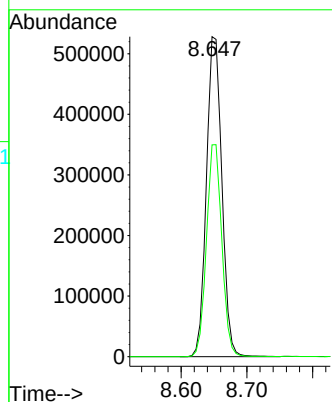
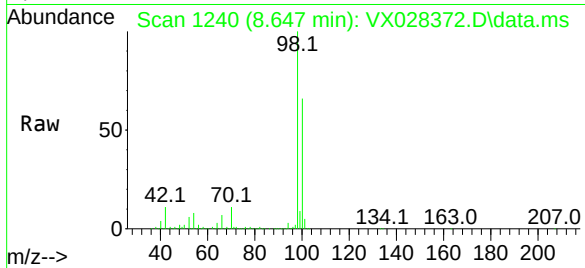




#50
Toluene-d8
Concen: 42.759 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

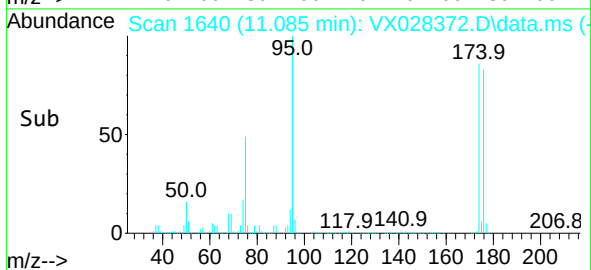
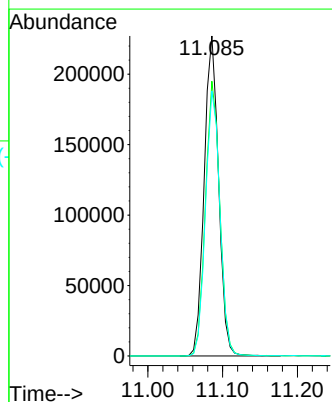
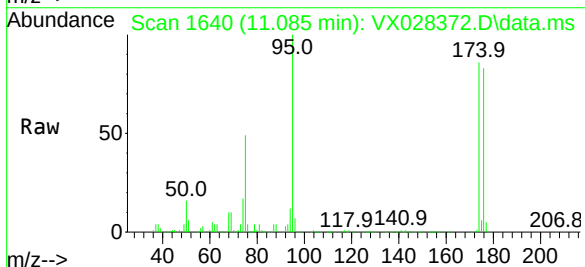
Instrument :
MSVOA_X
ClientSampleId :
40576-SOL

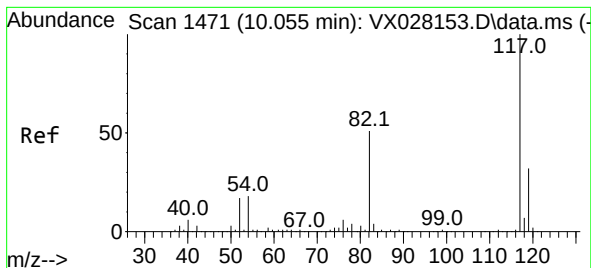
Tgt Ion: 98 Resp: 863266
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 39.335 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Tgt Ion: 95 Resp: 303642
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 83.5 0.0 155.0

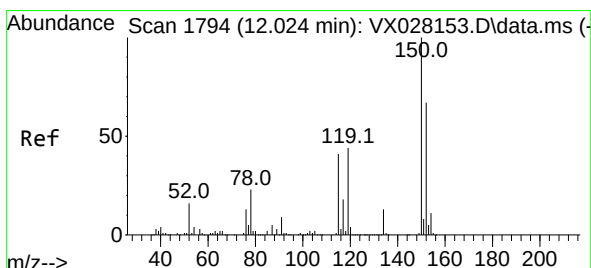
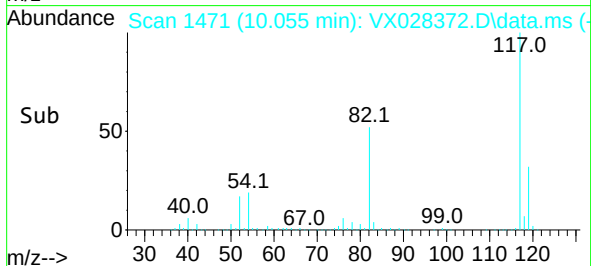
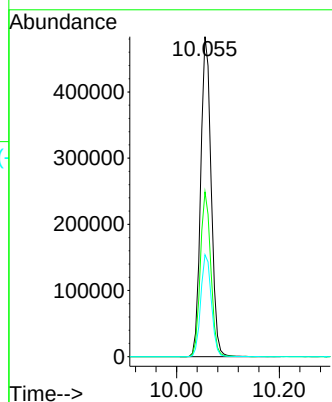
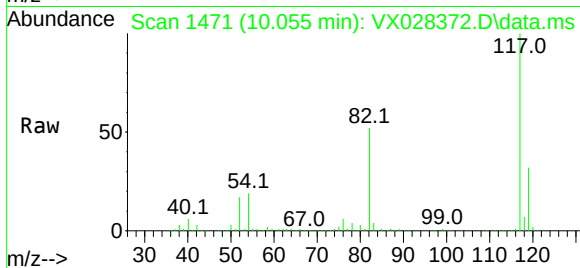




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

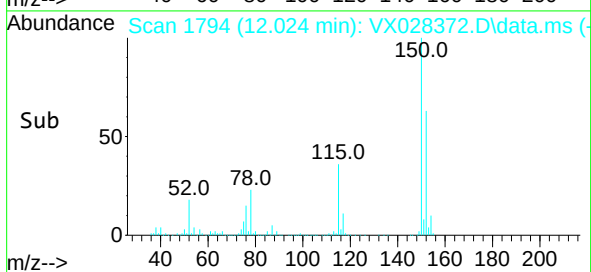
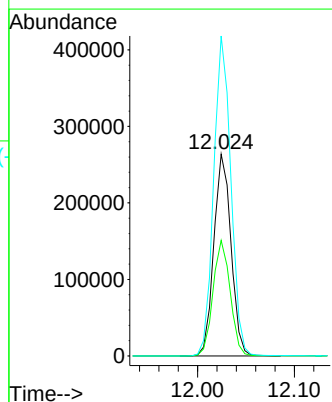
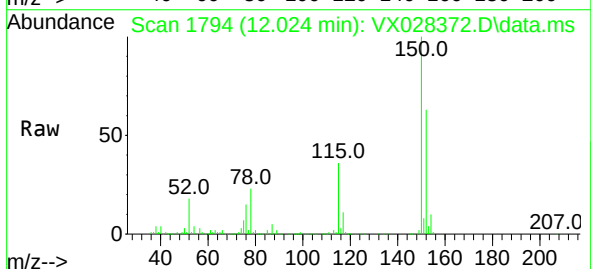
Instrument :
MSVOA_X
ClientSampleId :
40576-SOL

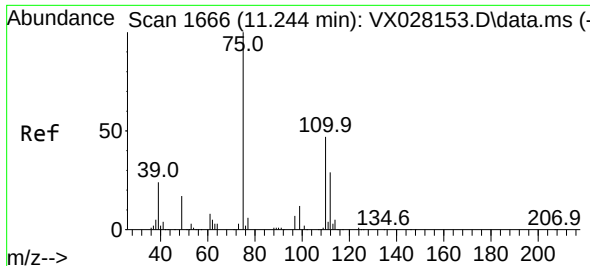
Tgt Ion:117 Resp: 682780
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

Tgt Ion:152 Resp: 325415
Ion Ratio Lower Upper
152 100
115 57.4 37.5 112.7
150 158.6 0.0 338.2

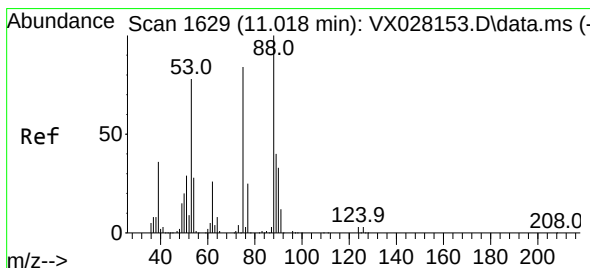
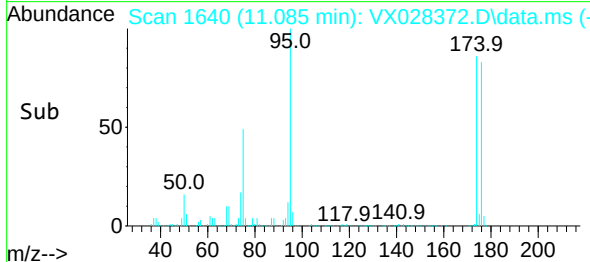
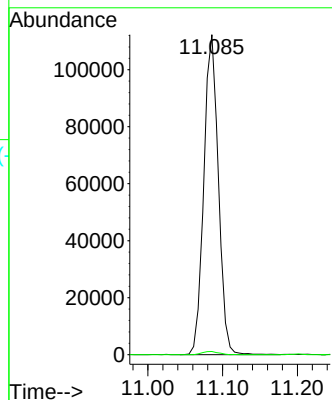
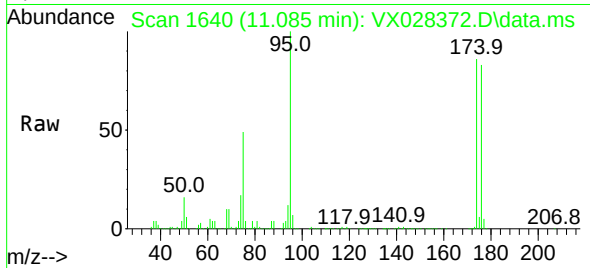




#76
1,2,3-Trichloropropane
Concen: 23.707 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

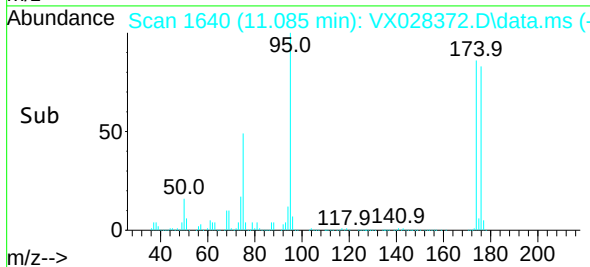
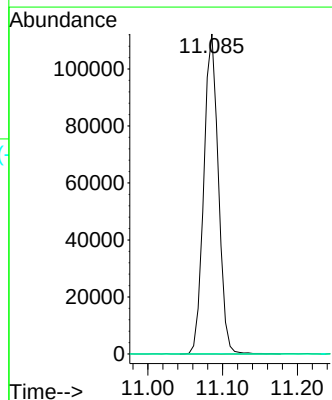
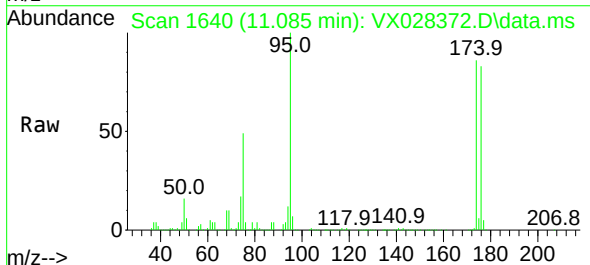
Instrument :
MSVOA_X
ClientSampleId :
40576-SOL

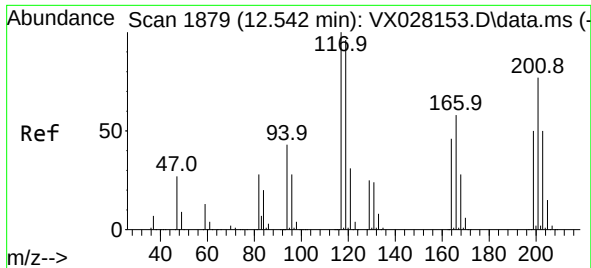
Tgt Ion: 75 Resp: 151826
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.450 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028372.D
Acq: 27 Apr 2022 12:50

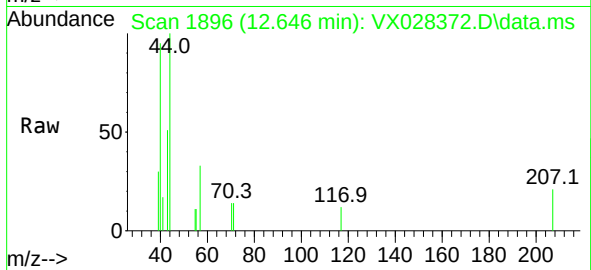
Tgt Ion: 75 Resp: 151826
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
 Hexachloroethane
 Concen: 1.820 ug/l
 RT: 12.646 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VX028372.D
 Acq: 27 Apr 2022 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 40576-SOL



Tgt Ion:117 Resp: 22
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

