

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035333.D
 Acq On : 27 Apr 2023 12:06
 Operator : JC/MD
 Sample : 02445-02ME
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1730-1731

Quant Time: Apr 27 16:24:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

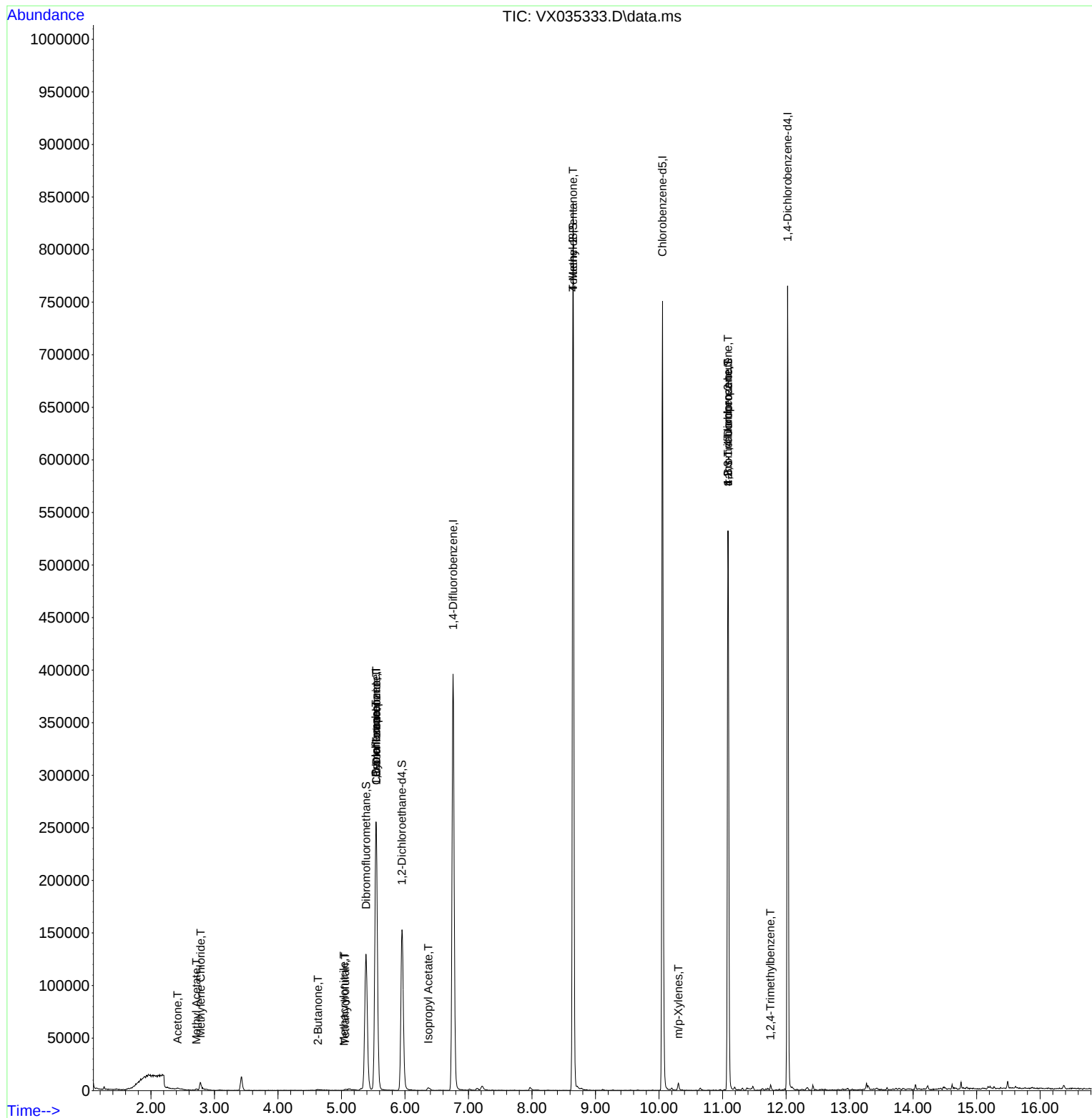
Internal Standards						
1) Pentafluorobenzene	5.544	168	253626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	416864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150312	49.124	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.240%		
35) Dibromofluoromethane	5.385	113	115873	45.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.580%		
50) Toluene-d8	8.647	98	492942	51.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.140%		
62) 4-Bromofluorobenzene	11.085	95	176963	48.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.480%		
Target Compounds						
					Qvalue	
16) Acetone	2.416	43	1259	0.947	ug/l #	57
18) Methyl Acetate	2.715	43	1589	0.309	ug/l #	74
20) Methylene Chloride	2.782	84	4456	1.462	ug/l #	81
25) 2-Butanone	4.629	43	2037	1.050	ug/l	91
29) Tetrahydrofuran	5.056	42	619	0.498	ug/l #	89
31) Cyclohexane	5.544	56	4468	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19120	4.786	ug/l #	50
38) Carbon Tetrachloride	5.550	117	24319	6.412	ug/l #	15
41) Methacrylonitrile	5.038	41	619	0.296	ug/l #	24
43) Isopropyl Acetate	6.367	43	1521	0.248	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1888	0.501	ug/l #	1
68) m/p-Xylenes	10.305	106	1639	0.306	ug/l	87
76) 1,2,3-Trichloropropane	11.085	75	86430	25.286	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	86430	81.897	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	2428	0.229	ug/l	96

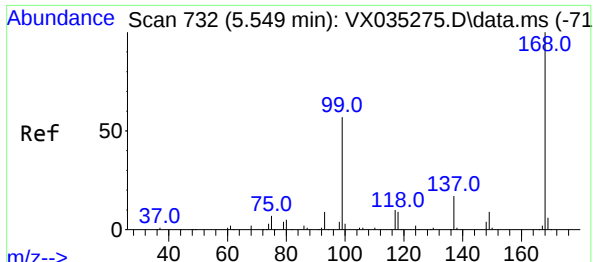
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TRE-1730-1731

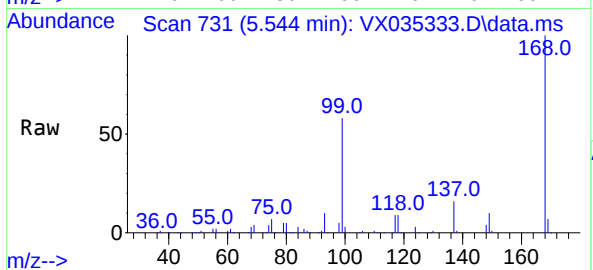
Quant Time: Apr 27 16:24:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



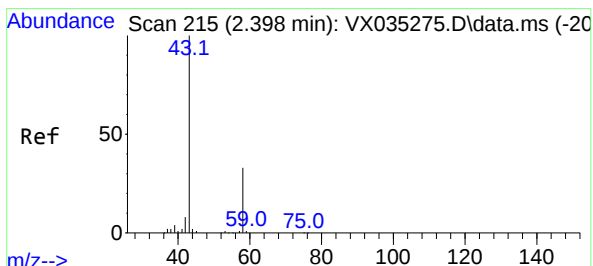
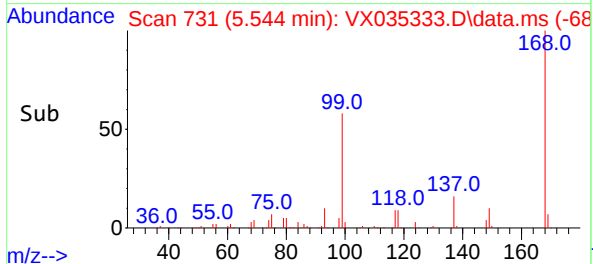
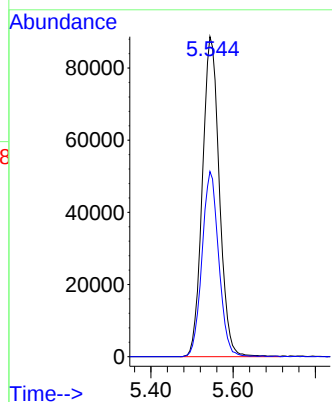


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

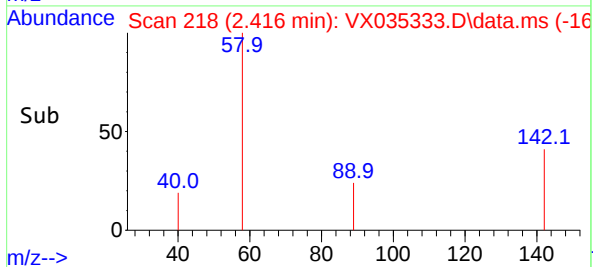
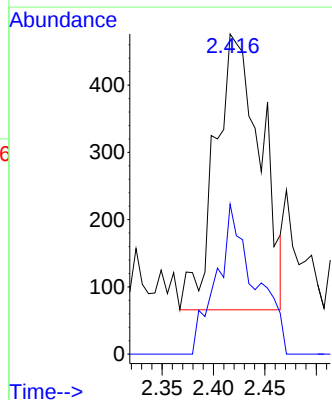
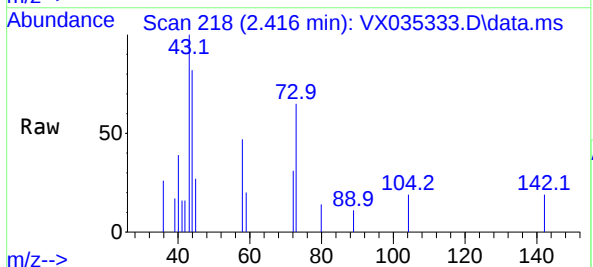


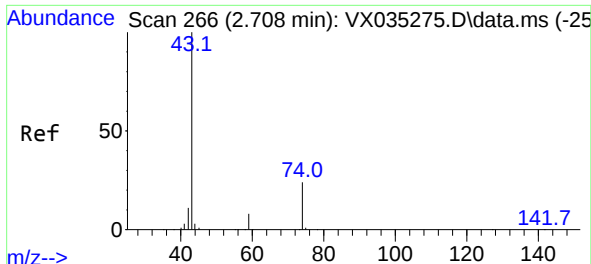
Tgt Ion:168 Resp: 253626
Ion Ratio Lower Upper
168 100
99 57.9 45.7 68.5



#16
Acetone
Concen: 0.947 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.018 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 54.4 24.7 37.1#

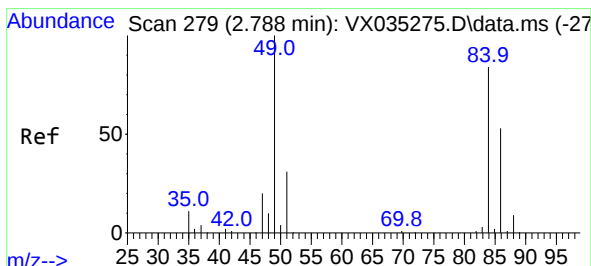
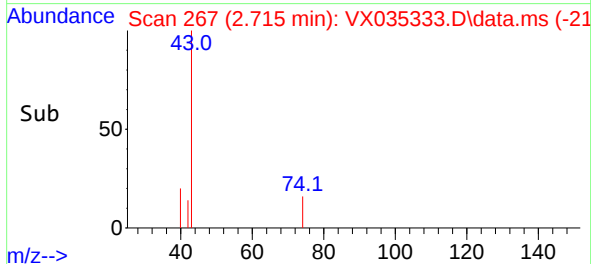
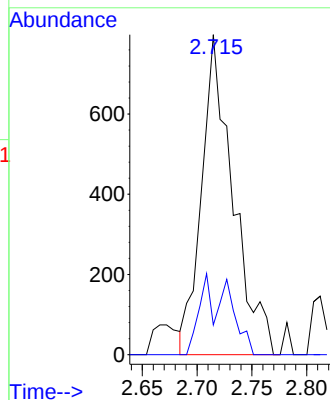
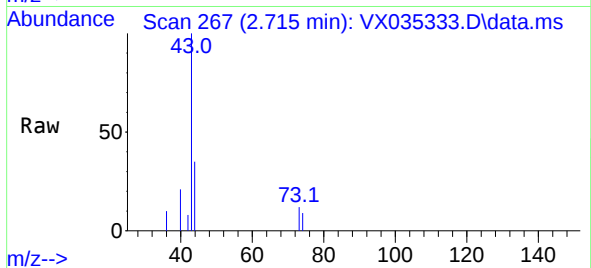




#18
Methyl Acetate
Concen: 0.309 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

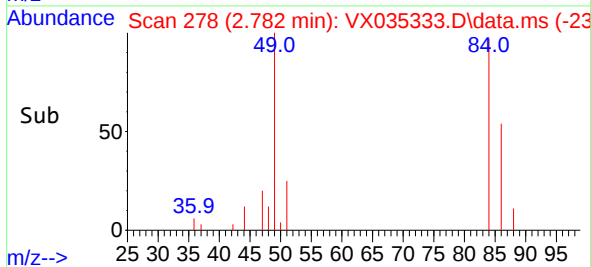
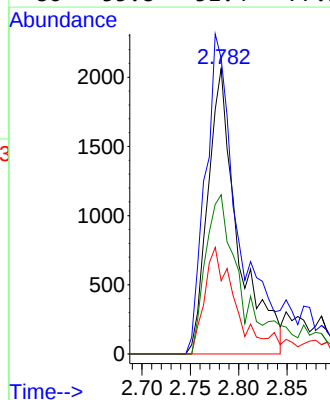
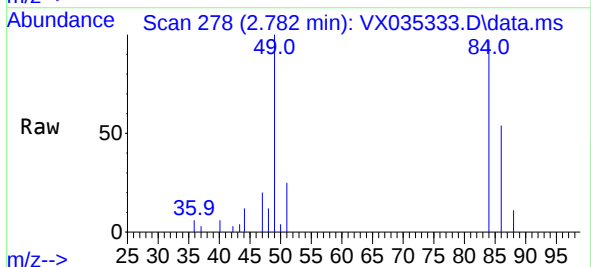
Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

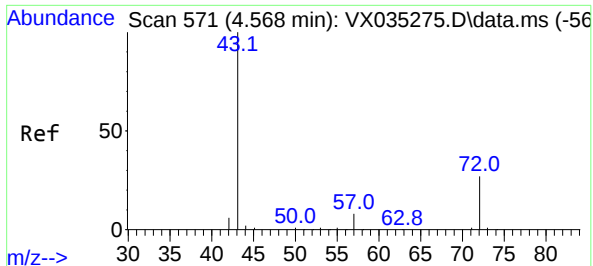
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
74 10.4 18.3 27.5#



#20
Methylene Chloride
Concen: 1.462 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion: 84 Resp: 4456
Ion Ratio Lower Upper
84 100
49 103.5 103.8 155.8#
51 25.7 31.8 47.8#
86 55.8 51.4 77.2





#25

2-Butanone

Concen: 1.050 ug/l

RT: 4.629 min Scan# 51

Delta R.T. 0.061 min

Lab File: VX035333.D

Acq: 27 Apr 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

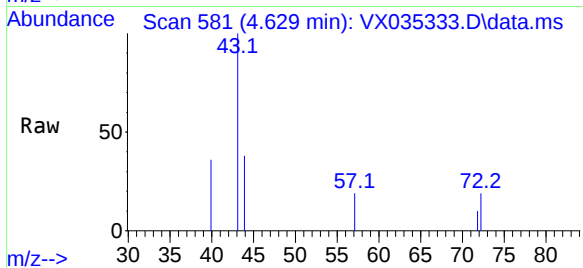
TRE-1730-1731

Tgt Ion: 43 Resp: 2037

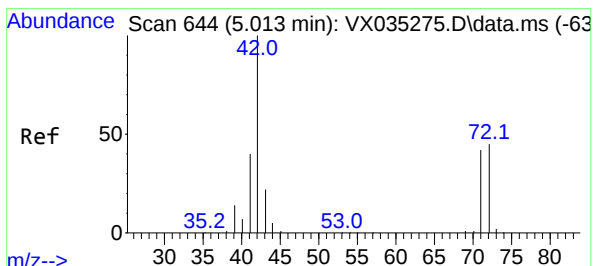
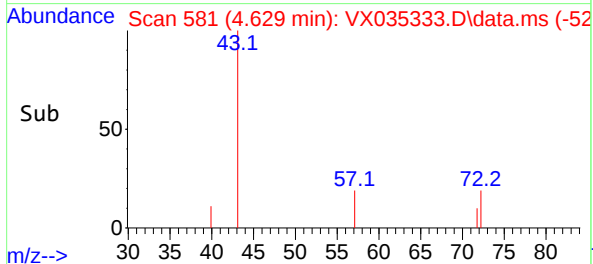
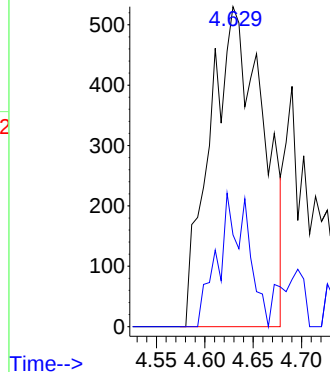
Ion Ratio Lower Upper

43 100

72 28.7 19.3 28.9



Abundance



#29

Tetrahydrofuran

Concen: 0.498 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.043 min

Lab File: VX035333.D

Acq: 27 Apr 2023 12:06

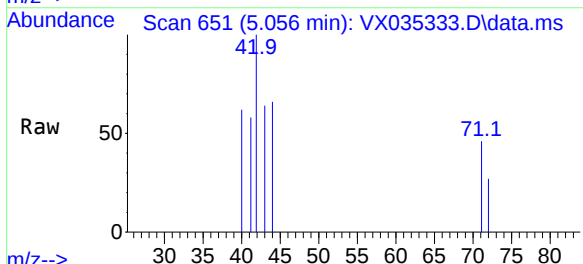
Tgt Ion: 42 Resp: 619

Ion Ratio Lower Upper

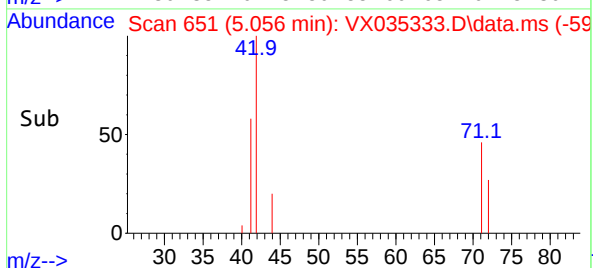
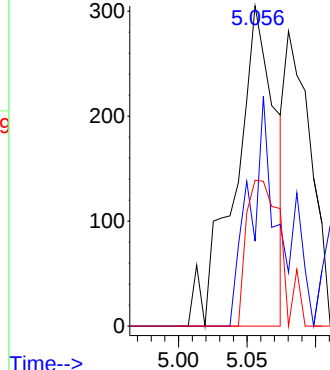
42 100

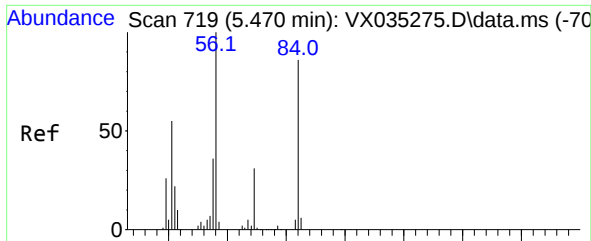
72 55.4 34.5 51.7#

71 39.3 32.1 48.1



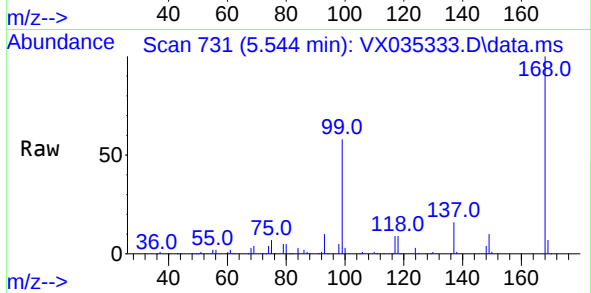
Abundance



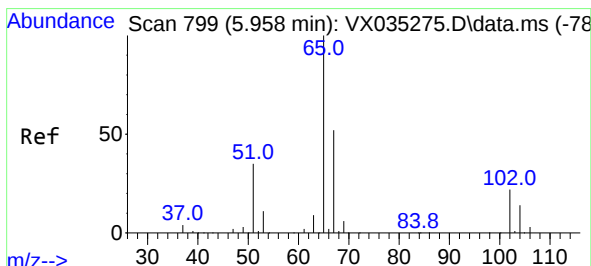
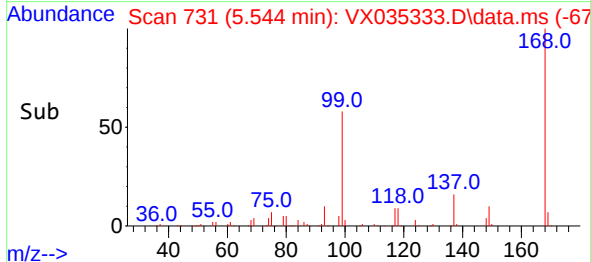
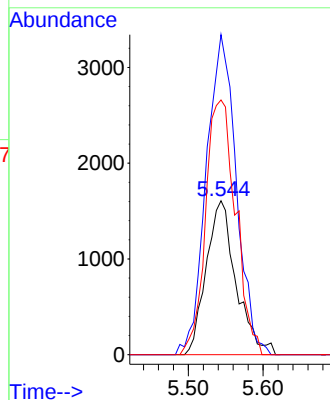


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

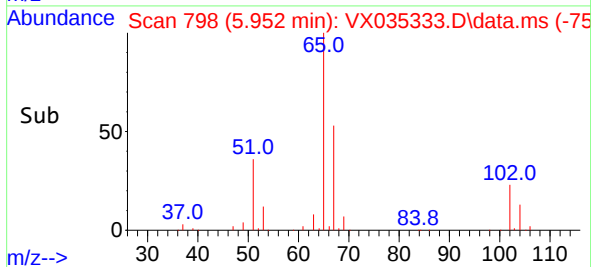
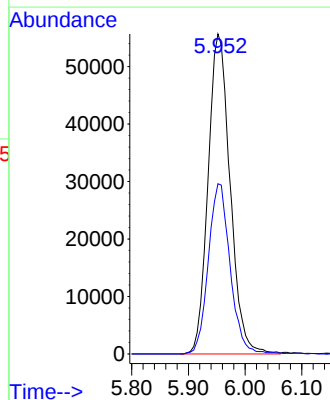
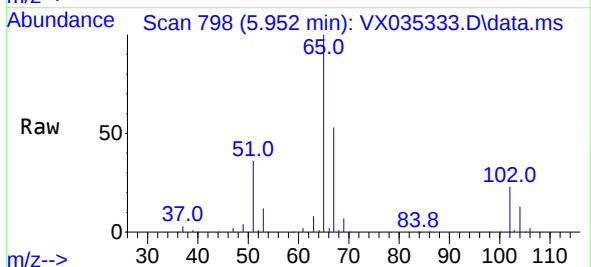


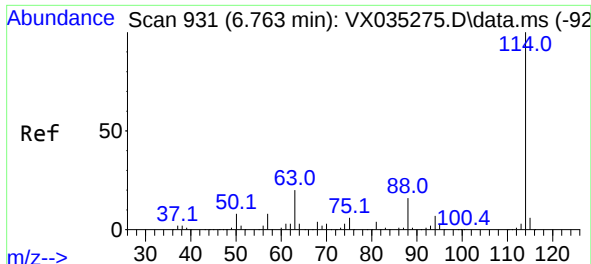
Tgt Ion: 56 Resp: 4468
Ion Ratio Lower Upper
56 100
69 207.8 23.7 35.5#
84 165.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.124 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion: 65 Resp: 150312
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

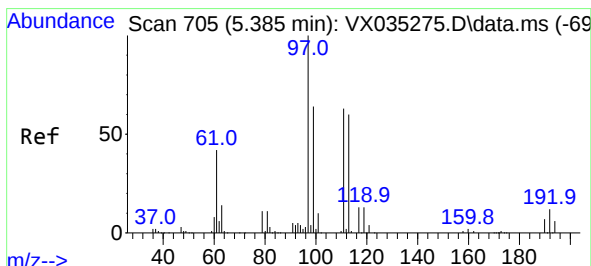
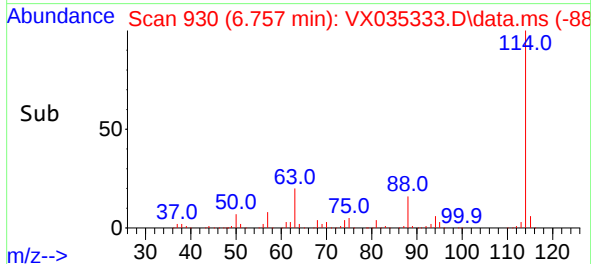
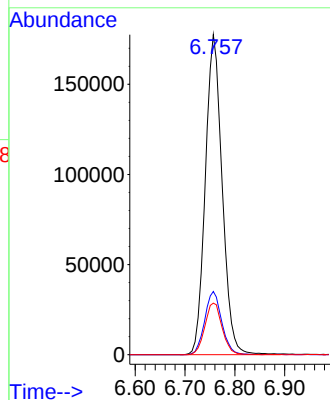
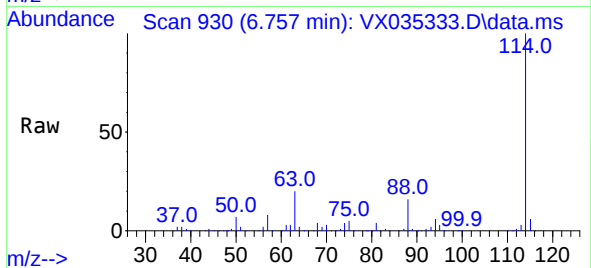




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

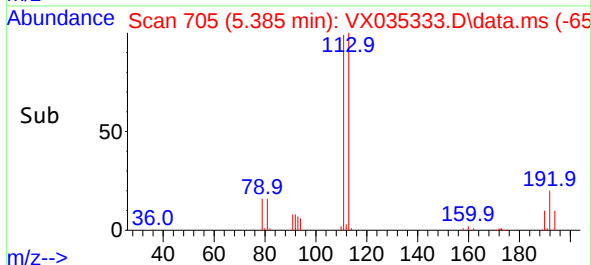
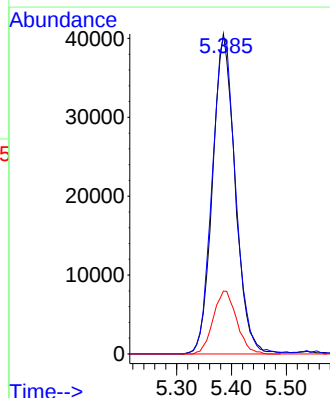
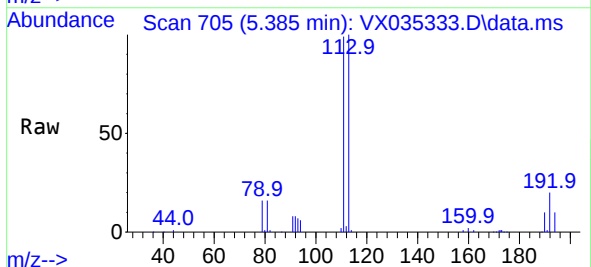
Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

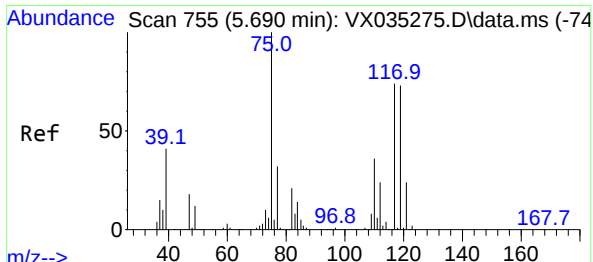
Tgt Ion:114 Resp: 416864
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.288 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion:113 Resp: 115873
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 20.4 15.4 23.2

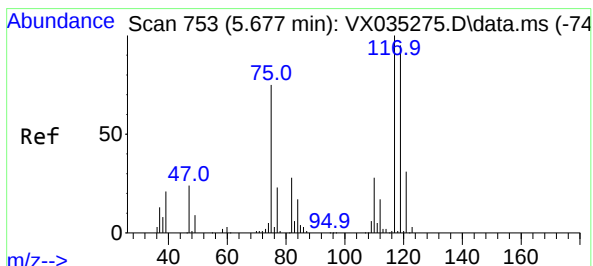
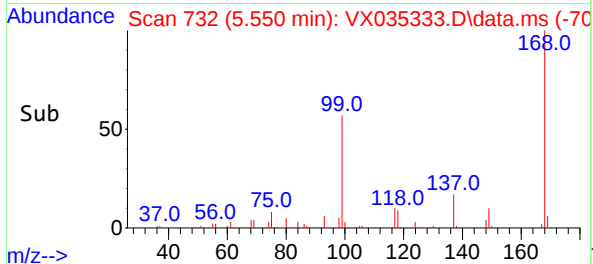
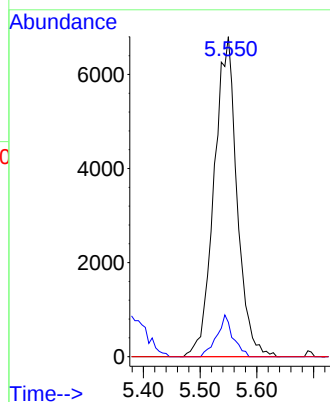
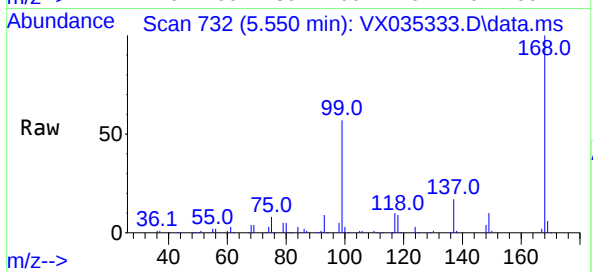




#36
1,1-Dichloropropene
Concen: 4.786 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

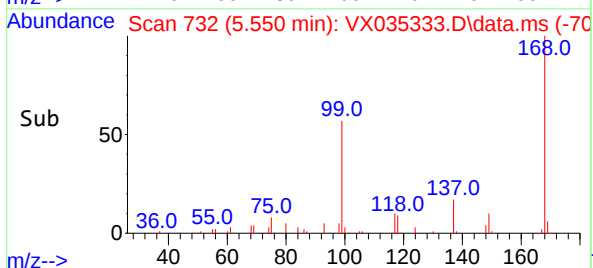
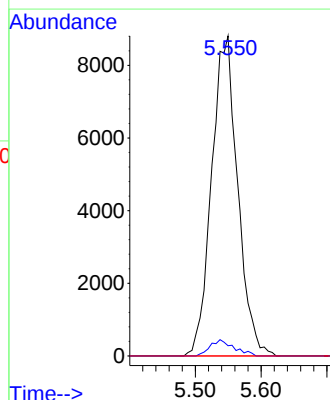
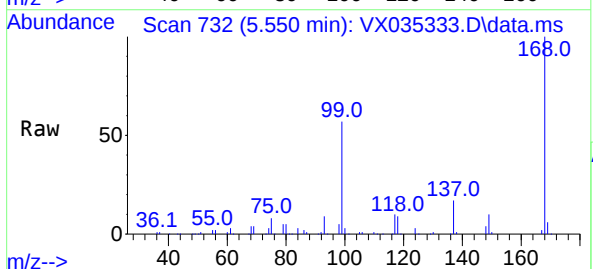
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TRE-1730-1731

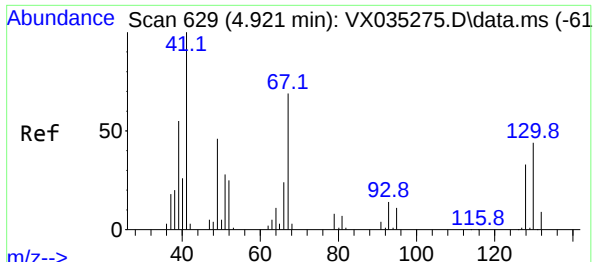
Tgt Ion: 75 Resp: 19120
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.412 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion: 117 Resp: 24319
Ion Ratio Lower Upper
117 100
119 3.2 76.6 114.8#
121 0.0 23.8 35.6#



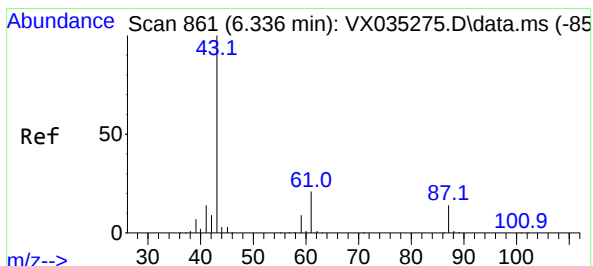
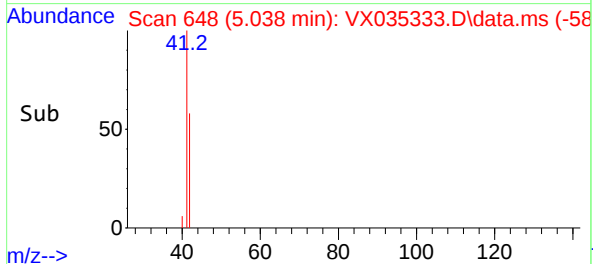
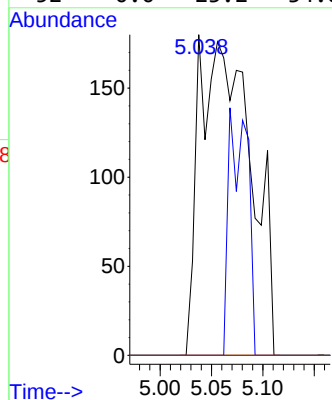
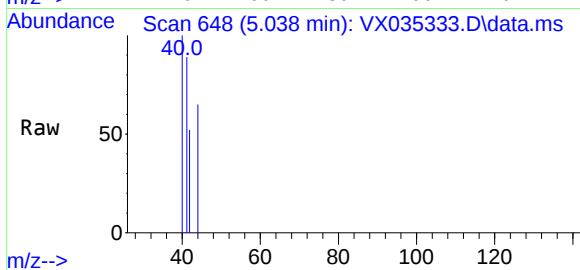


#41
Methacrylonitrile
Concen: 0.296 ug/l
RT: 5.038 min Scan# 641
Delta R.T. 0.117 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

Tgt Ion: 41 Resp: 619

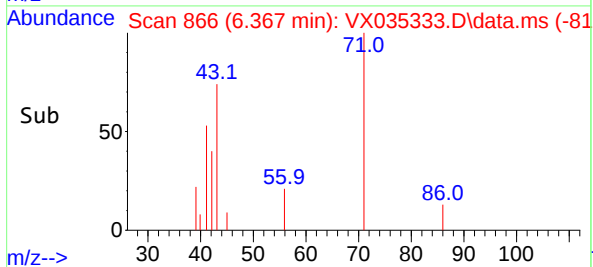
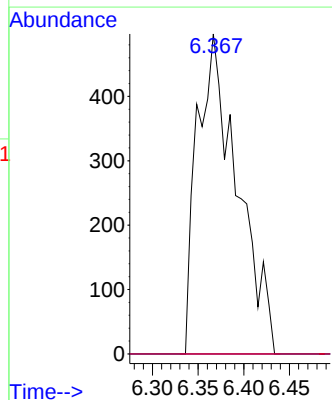
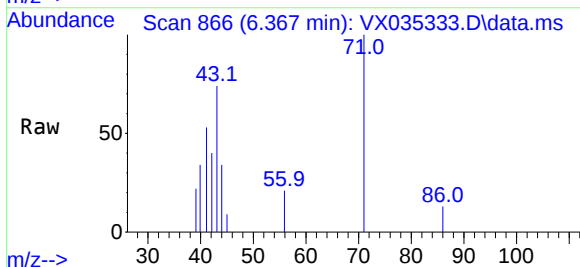
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.0	67.6#
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#

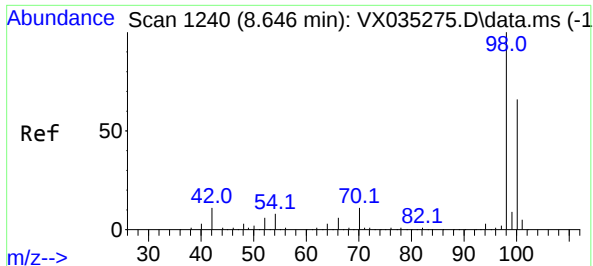


#43
Isopropyl Acetate
Concen: 0.248 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.031 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion: 43 Resp: 1521

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.2	22.8#
87	0.0	9.8	14.8#

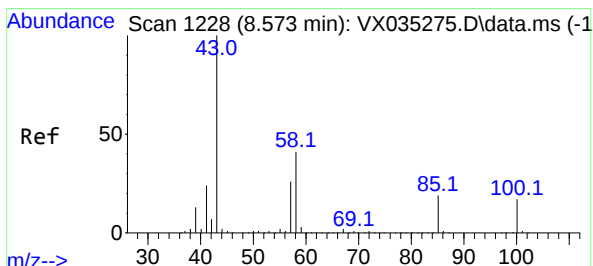
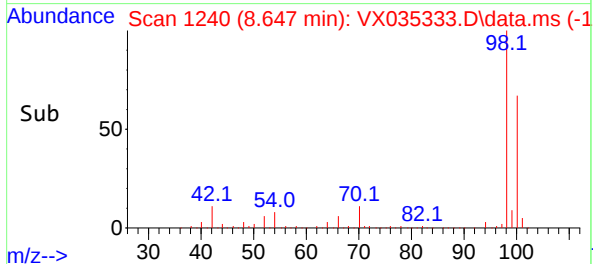
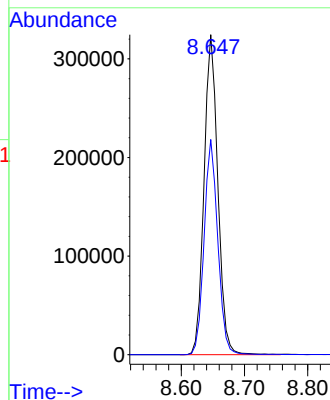
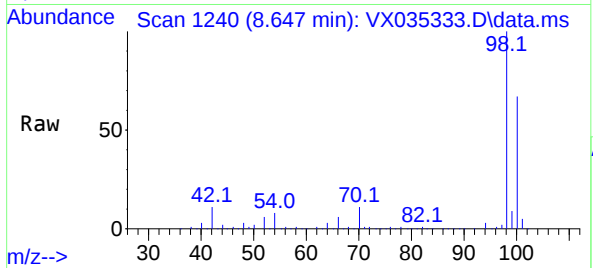




#50
Toluene-d8
Concen: 51.072 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

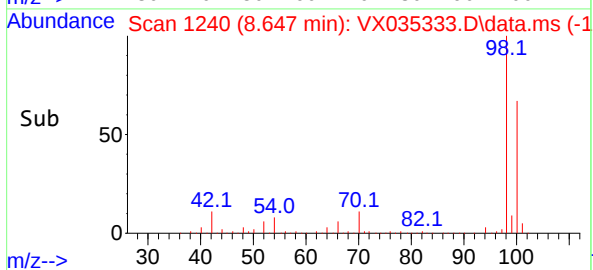
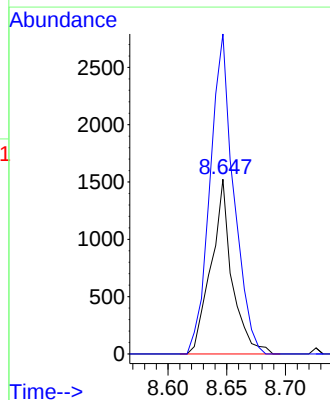
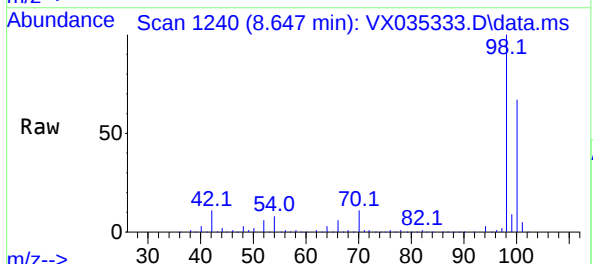
Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

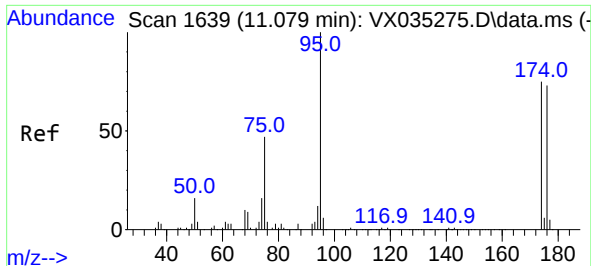
Tgt Ion: 98 Resp: 492942
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
58 207.5 30.6 46.0#

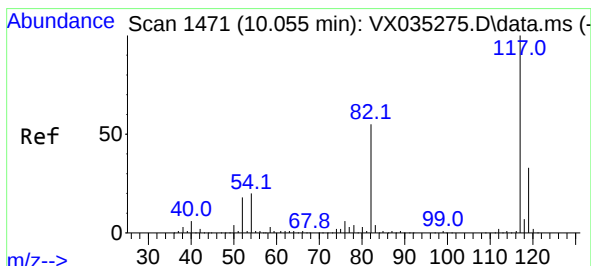
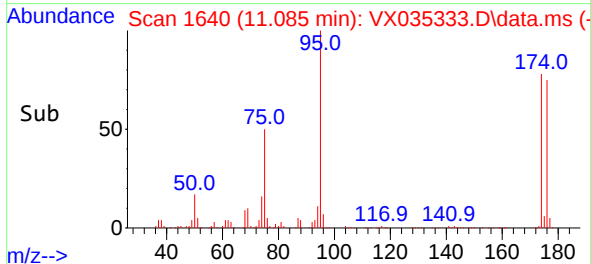
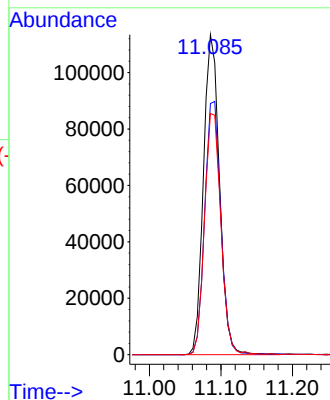
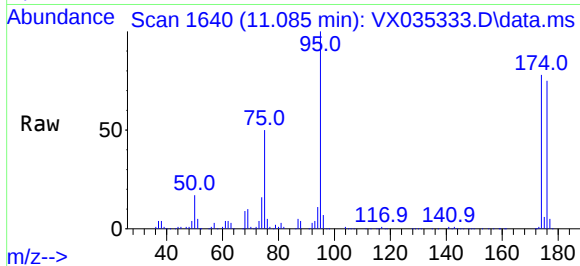




#62
4-Bromofluorobenzene
Concen: 48.739 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

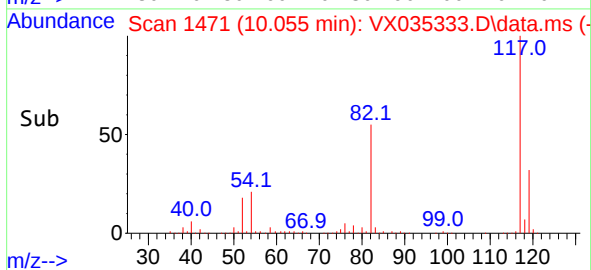
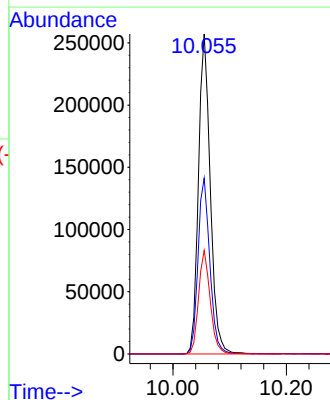
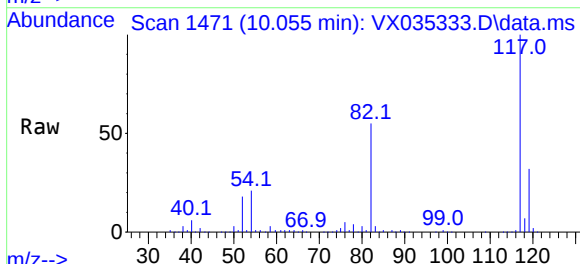
Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

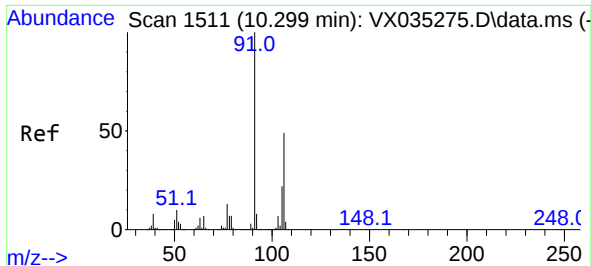
Tgt Ion: 95 Resp: 176963
Ion Ratio Lower Upper
95 100
174 79.5 0.0 147.4
176 76.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion: 117 Resp: 372681
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.3 26.0 39.0

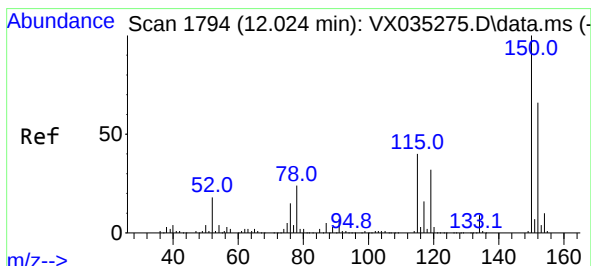
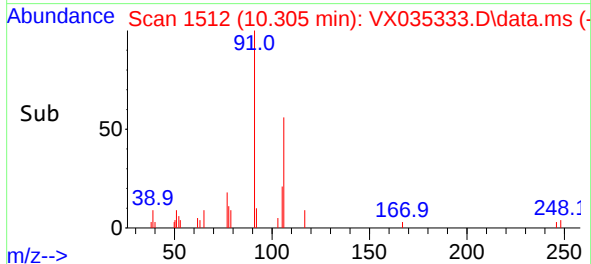
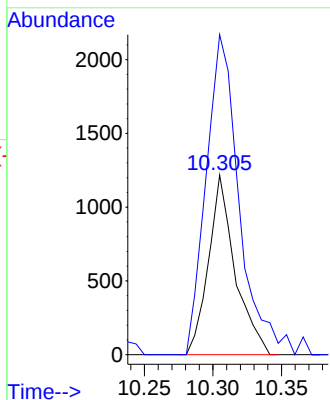
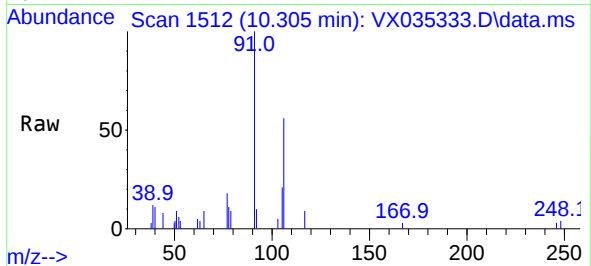




#68
m/p-Xylenes
Concen: 0.306 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

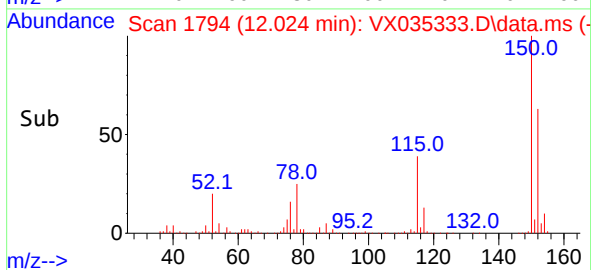
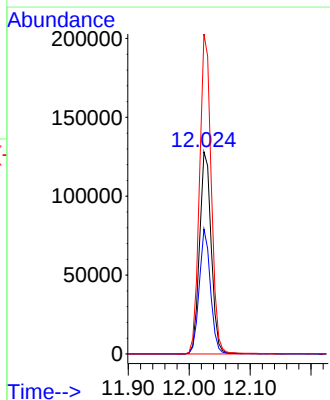
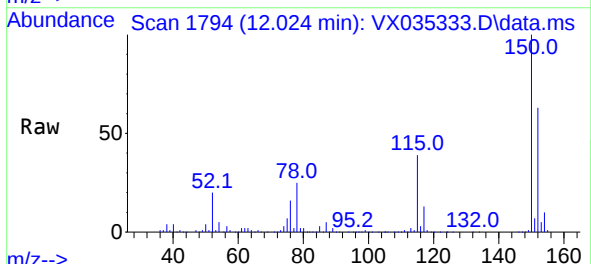
Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

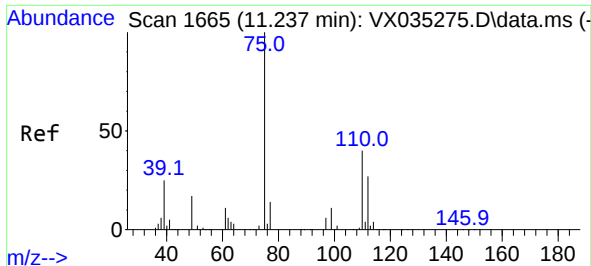
Tgt Ion:106 Resp: 1639
Ion Ratio Lower Upper
106 100
91 224.4 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion:152 Resp: 171351
Ion Ratio Lower Upper
152 100
115 59.3 45.0 135.0
150 158.6 0.0 352.4

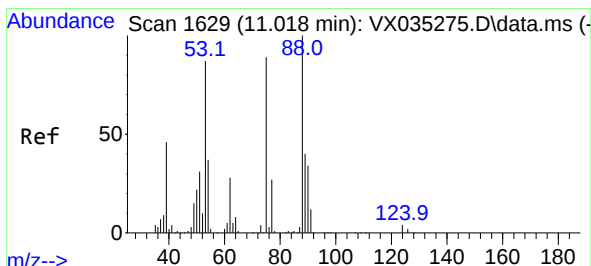
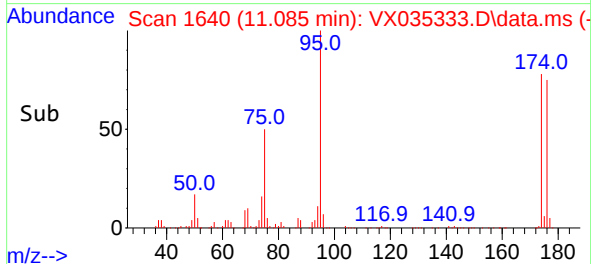
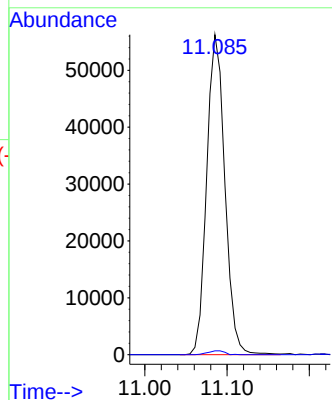
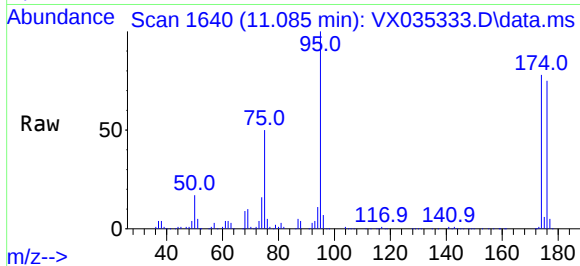




#76
1,2,3-Trichloropropane
Concen: 25.286 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

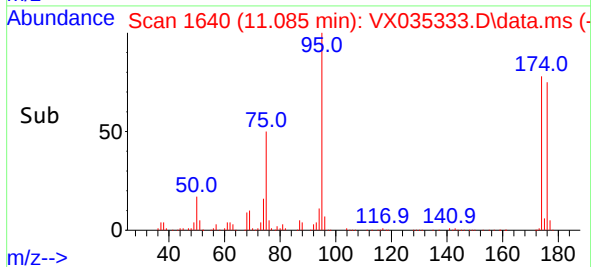
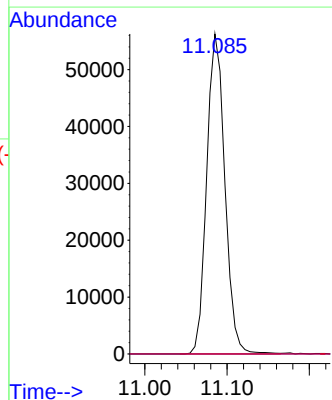
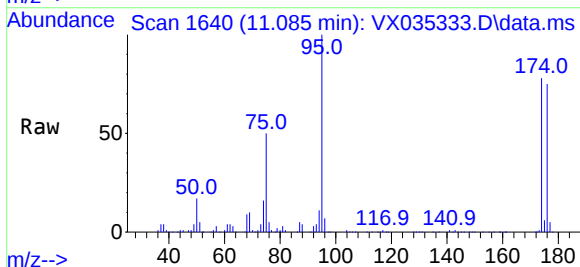
Instrument :
MSVOA_X
ClientSampleId :
TRE-1730-1731

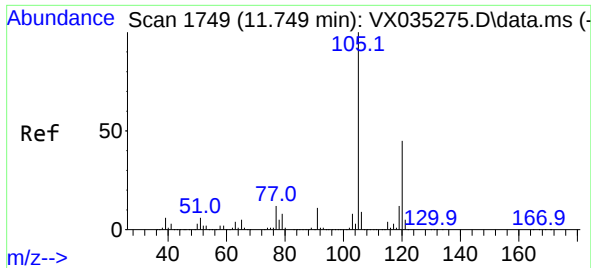
Tgt Ion: 75 Resp: 86430
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.897 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035333.D
Acq: 27 Apr 2023 12:06

Tgt Ion: 75 Resp: 86430
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.229 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX035333.D

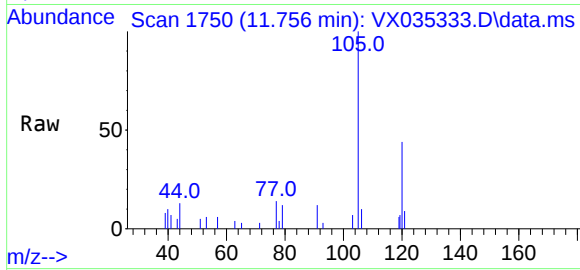
Acq: 27 Apr 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

TRE-1730-1731



Tgt Ion:105 Resp: 2428

Ion Ratio Lower Upper

105 100

120 47.1 22.4 67.0

