

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049567.D
 Acq On : 30 Jun 2022 16:44
 Operator : SY/MD
 Sample : N3551-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KENS-062822-SB18-GW

Quant Time: Jul 01 05:26:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

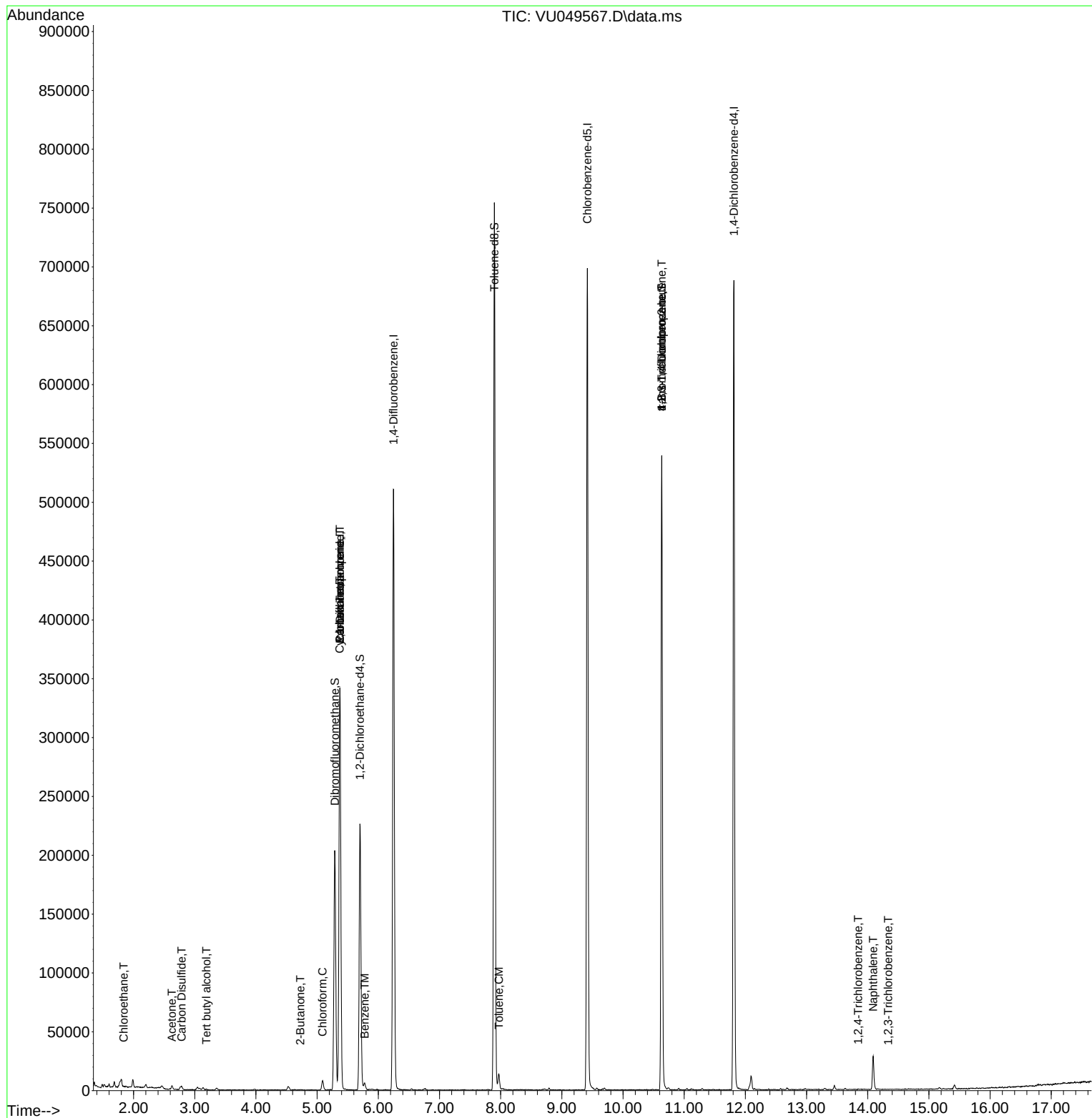
Internal Standards						
1) Pentafluorobenzene	5.372	168	235206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	409471	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	382680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	180115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	166519	45.970	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.940%
35) Dibromofluoromethane	5.288	113	130159	45.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	7.896	98	499992	48.933	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	10.632	95	185108	47.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	2493	Below Cal		96
6) Chloroethane	1.838	64	21	1.927	ug/l #	44
11) Tert butyl alcohol	3.192	59	264	0.311	ug/l #	37
16) Acetone	2.626	43	4332	2.371	ug/l #	86
17) Carbon Disulfide	2.787	76	2490	0.313	ug/l #	86
20) Methylene Chloride	3.044	84	458	Below Cal	#	67
25) 2-Butanone	4.726	43	722	0.264	ug/l #	45
30) Chloroform	5.089	83	7176	1.281	ug/l	97
31) Cyclohexane	5.369	56	5996	1.102	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	19030	4.581	ug/l #	48
38) Carbon Tetrachloride	5.372	117	24329	5.585	ug/l #	16
40) Benzene	5.777	78	4777	0.381	ug/l	95
52) Toluene	7.970	92	5464	0.733	ug/l	94
76) 1,2,3-Trichloropropane	10.632	75	93503	15.314	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	93503	56.553	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.841	180	21	1.759	ug/l #	12
95) Naphthalene	14.089	128	24692	3.426	ug/l	97
96) 1,2,3-Trichlorobenzene	14.336	180	148	1.212	ug/l #	12

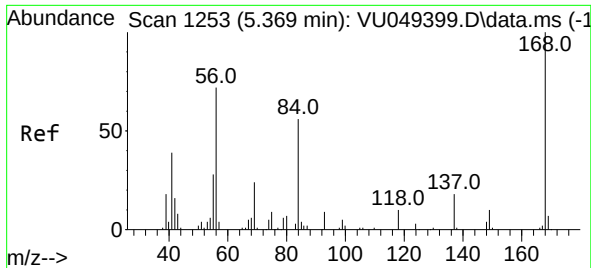
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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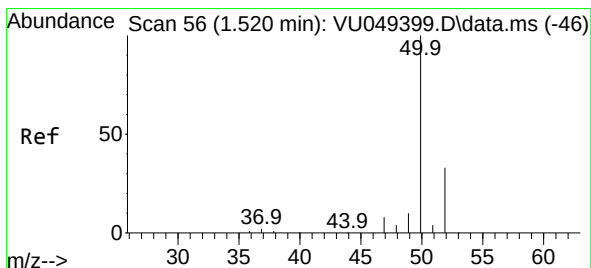
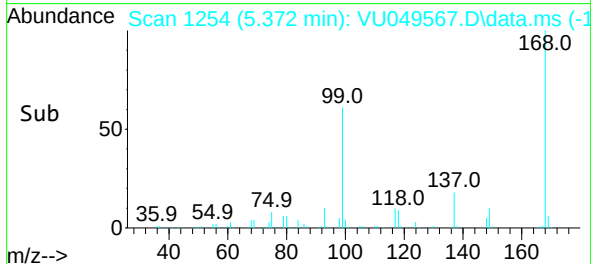
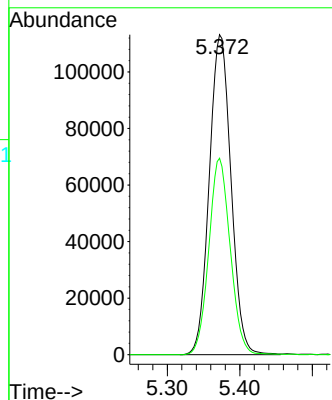
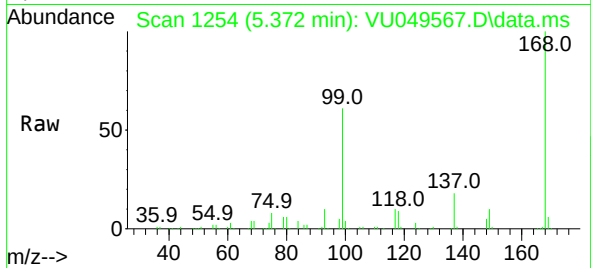




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

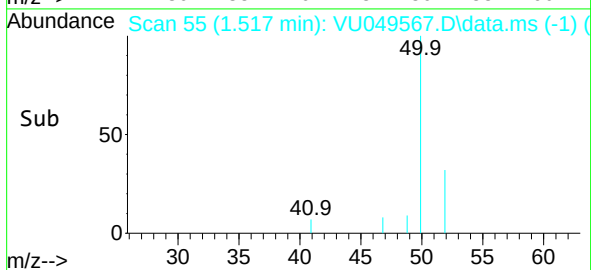
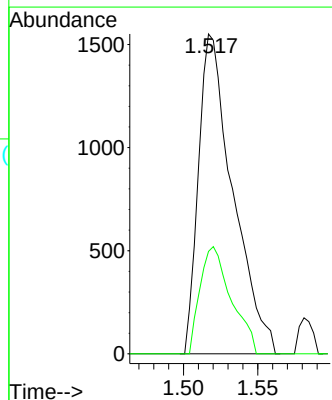
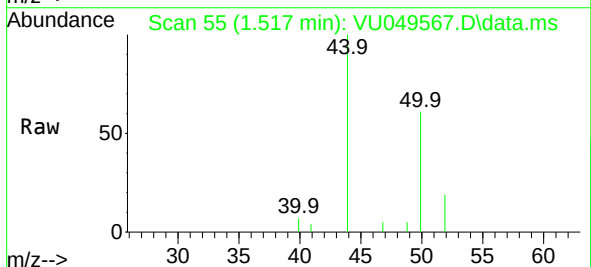
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GW

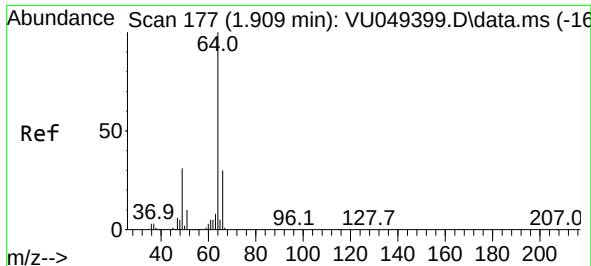
Tgt Ion:168 Resp: 235206
Ion Ratio Lower Upper
168 100
99 61.4 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion: 50 Resp: 2493
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.2

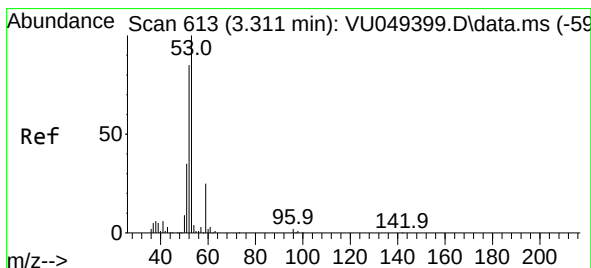
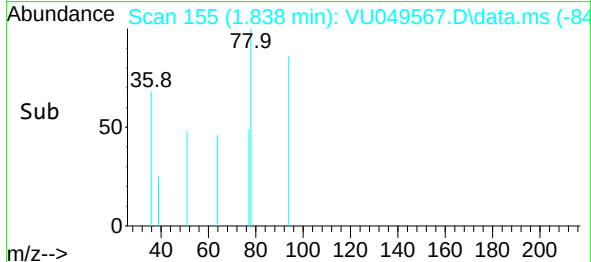
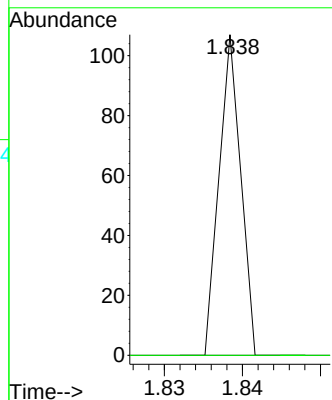
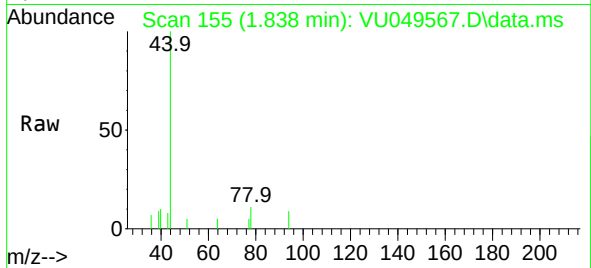




#6
Chloroethane
Concen: 1.927 ug/l
RT: 1.838 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

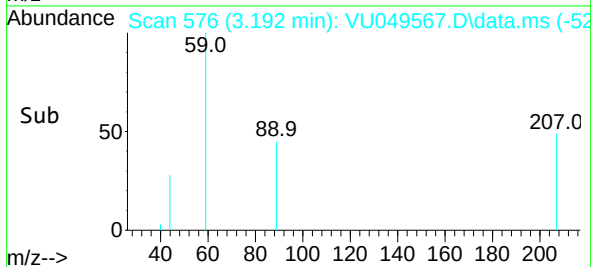
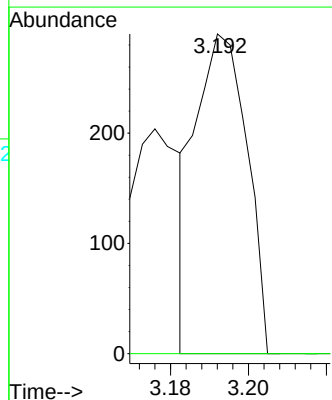
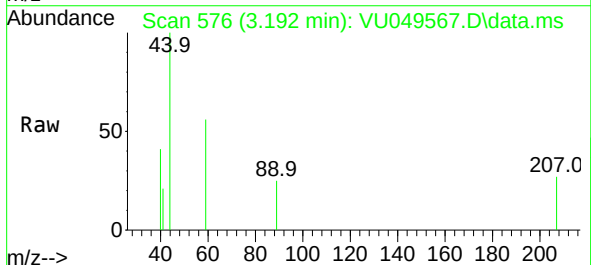
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GW

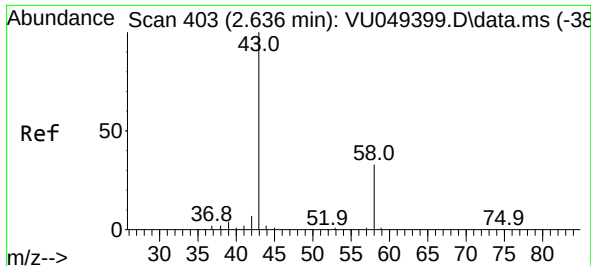
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.311 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.119 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

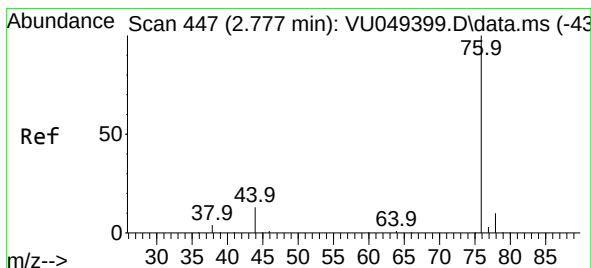
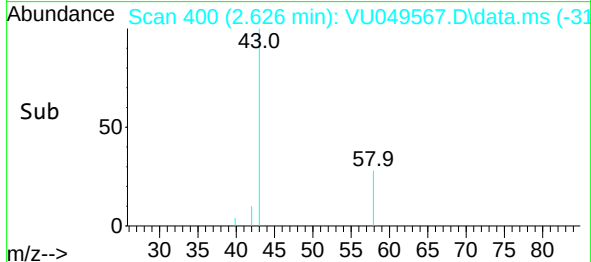
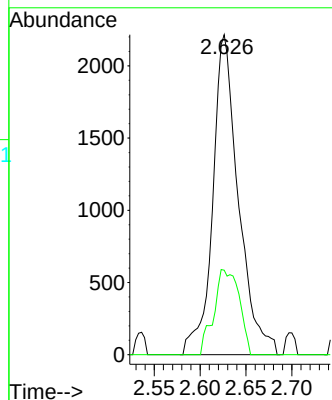
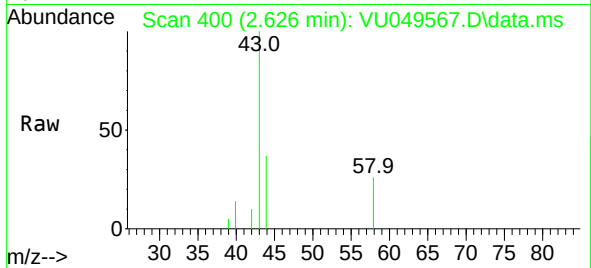




#16
Acetone
Concen: 2.371 ug/l
RT: 2.626 min Scan# 40
Delta R.T. -0.010 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

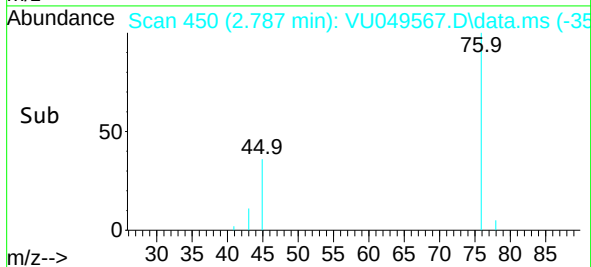
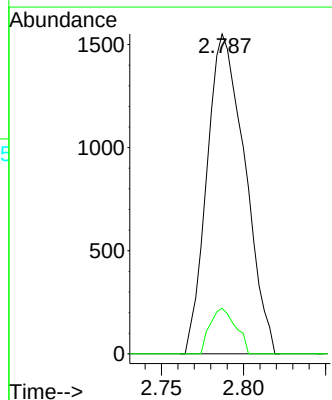
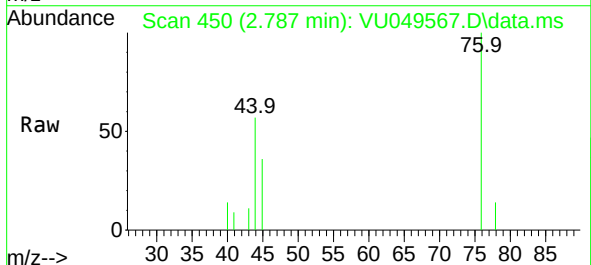
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GW

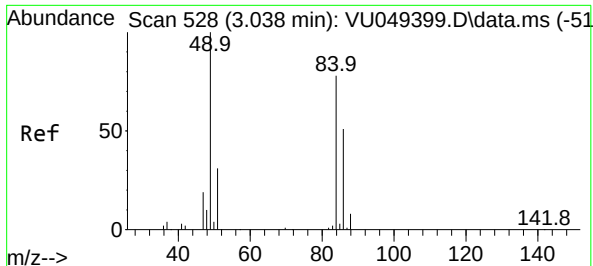
Tgt Ion: 43 Resp: 4332
Ion Ratio Lower Upper
43 100
58 26.4 27.5 41.3#



#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.787 min Scan# 450
Delta R.T. 0.010 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion: 76 Resp: 2490
Ion Ratio Lower Upper
76 100
78 14.2 7.3 10.9#

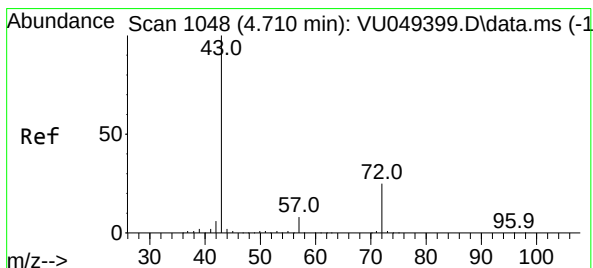
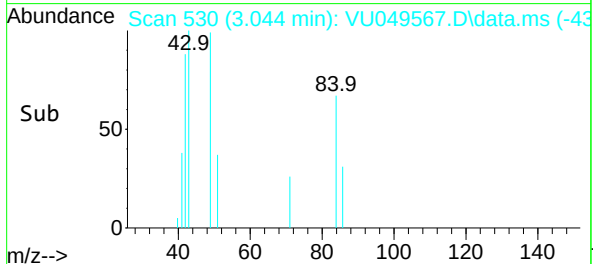
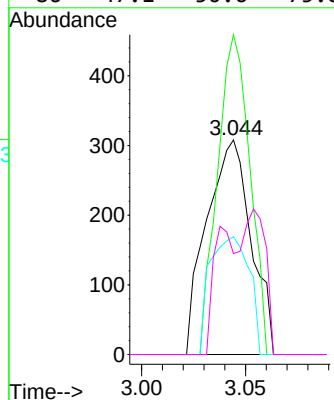
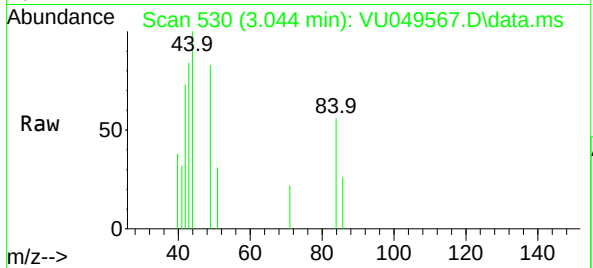




#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

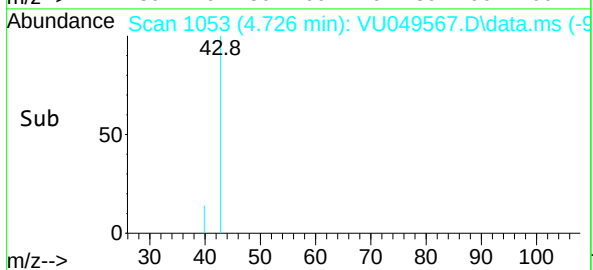
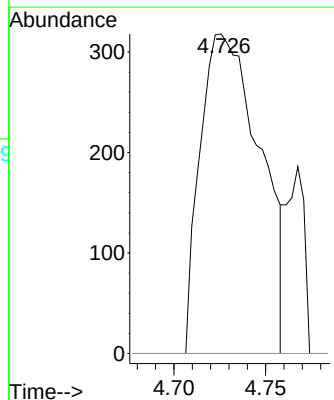
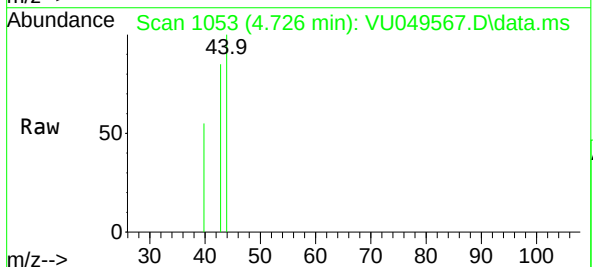
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GW

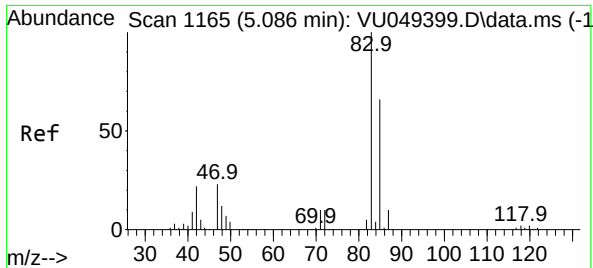
Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 149.0 86.6 129.8#
51 54.9 26.6 40.0#
86 47.1 50.6 75.8#



#25
2-Butanone
Concen: 0.264 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.016 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion: 43 Resp: 722
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#

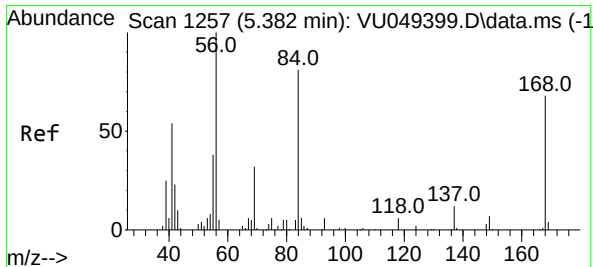
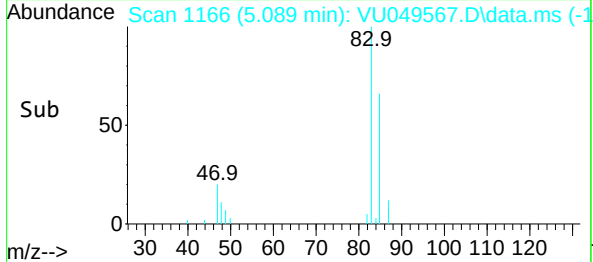
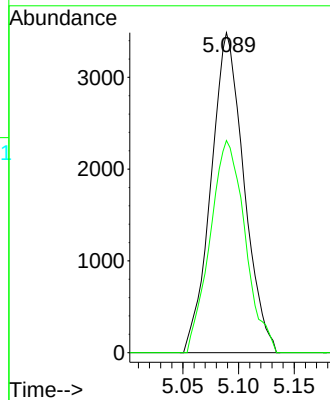
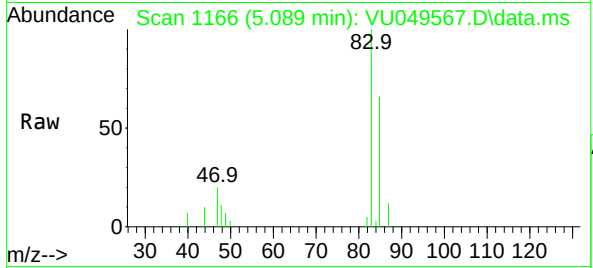




#30
Chloroform
Concen: 1.281 ug/l
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

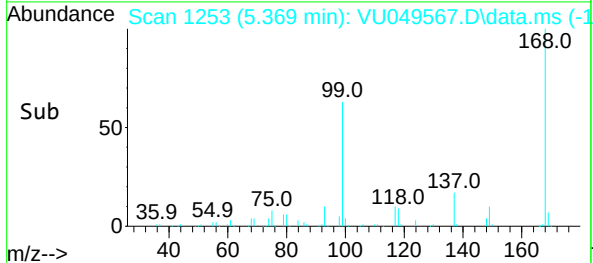
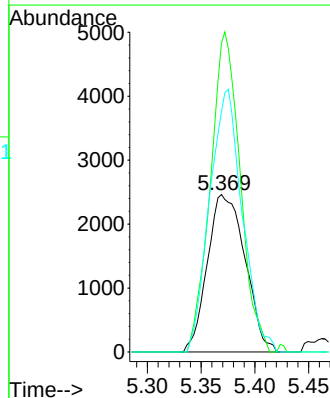
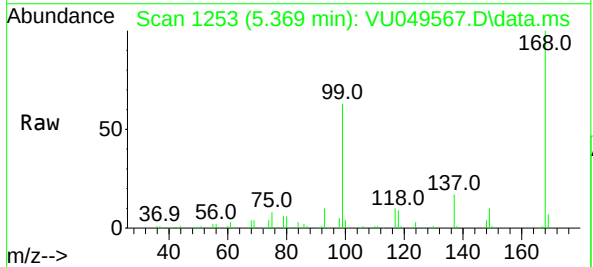
Instrument :
MSVOA_U
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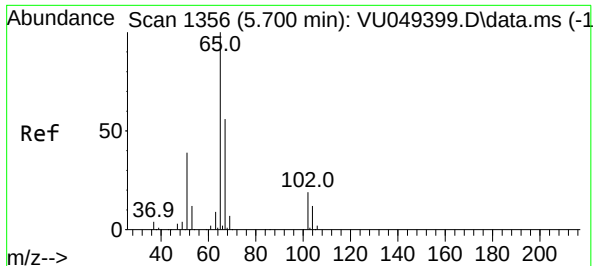
Tgt Ion: 83 Resp: 7176
Ion Ratio Lower Upper
83 100
85 66.3 51.2 76.8



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion: 56 Resp: 5996
Ion Ratio Lower Upper
56 100
69 196.1 27.8 41.8#
84 152.6 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 45.970 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049567.D

Acq: 30 Jun 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

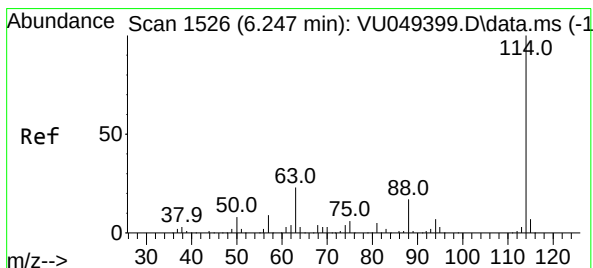
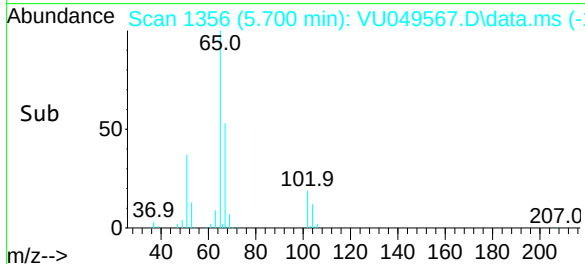
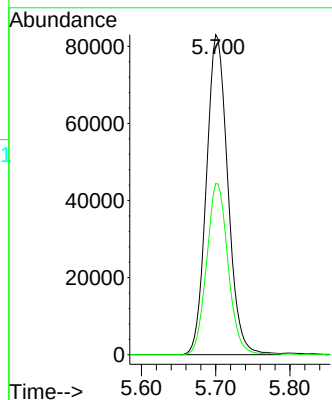
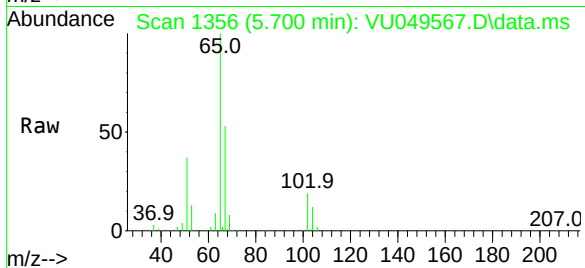
KENS-062822-SB18-GW

Tgt Ion: 65 Resp: 166519

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049567.D

Acq: 30 Jun 2022 16:44

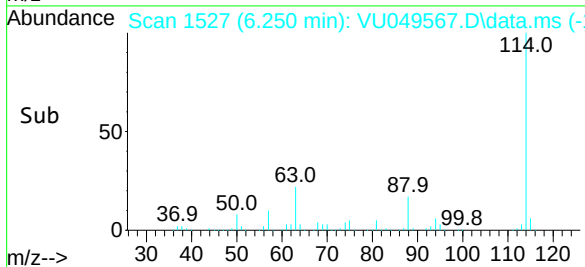
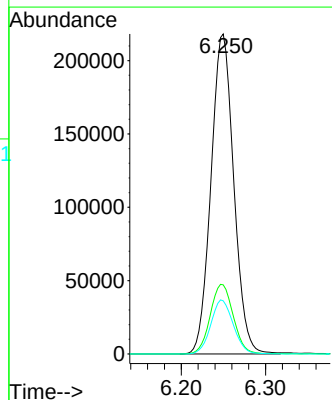
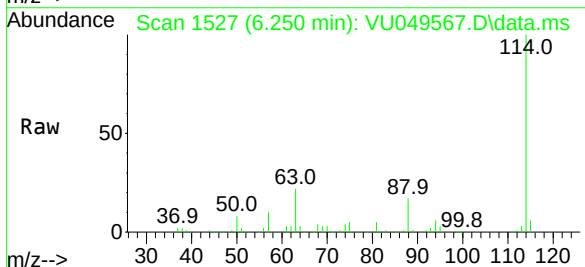
Tgt Ion: 114 Resp: 409471

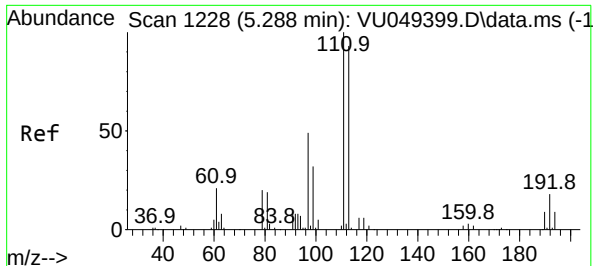
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.6 0.0 29.2

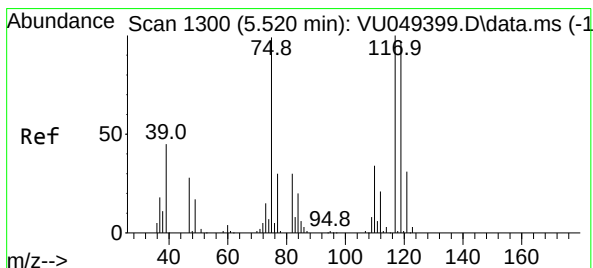
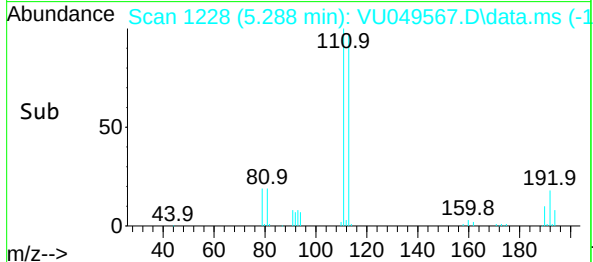
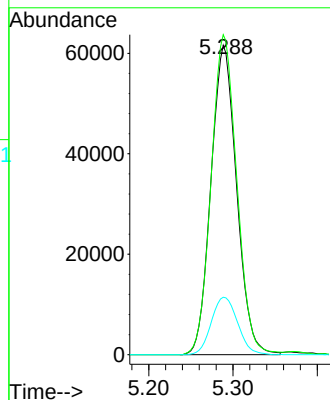
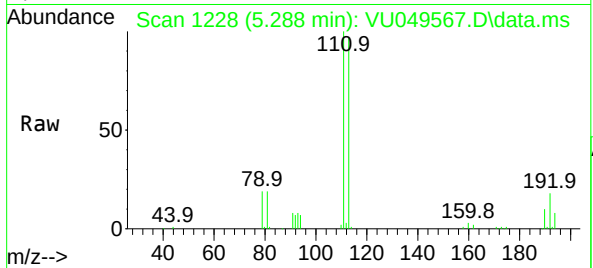




#35
Dibromofluoromethane
Concen: 45.435 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

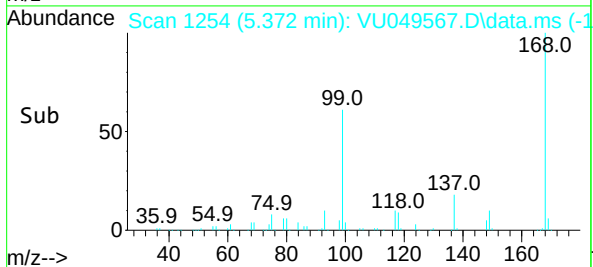
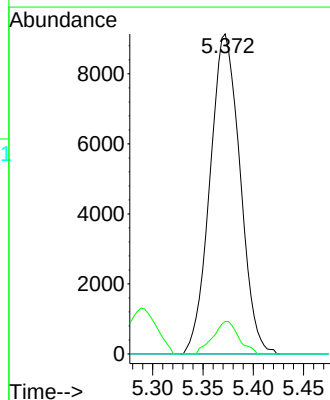
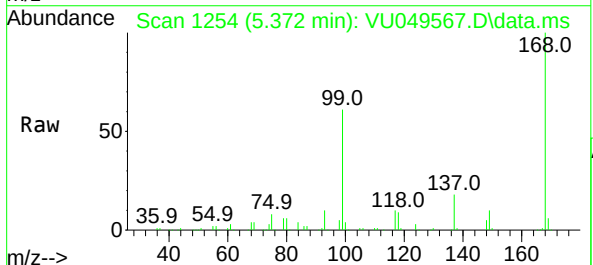
Instrument :
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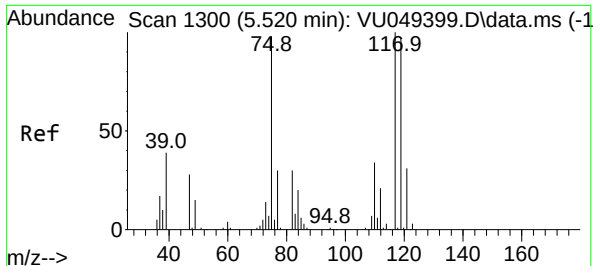
Tgt Ion:113 Resp: 130159
Ion Ratio Lower Upper
113 100
111 103.5 82.1 123.1
192 19.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.581 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

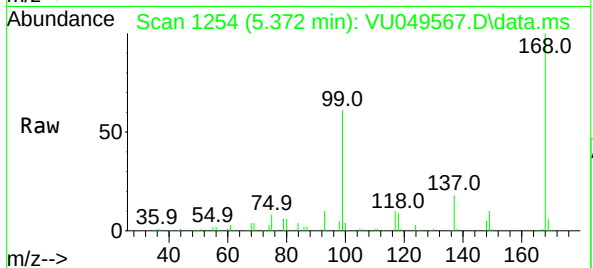
Tgt Ion: 75 Resp: 19030
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 25.1 37.7#



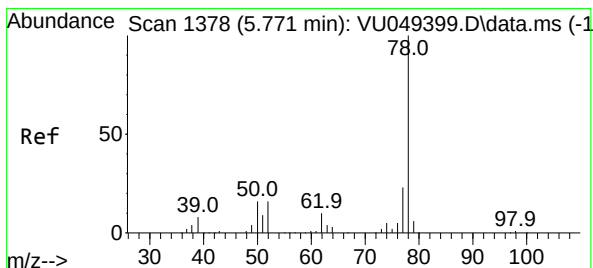
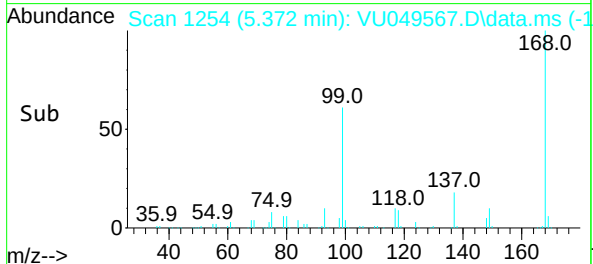
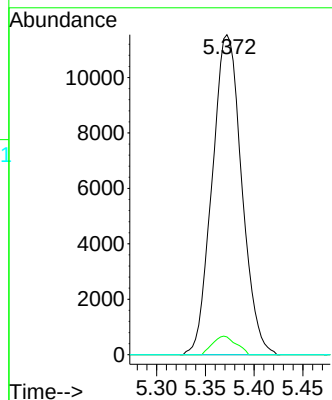


#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

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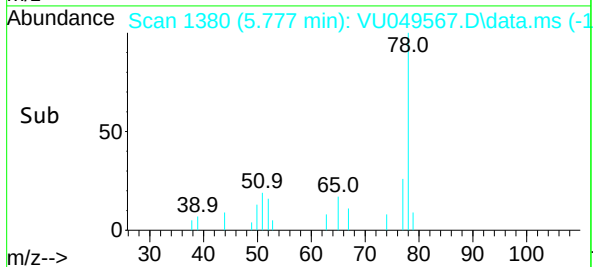
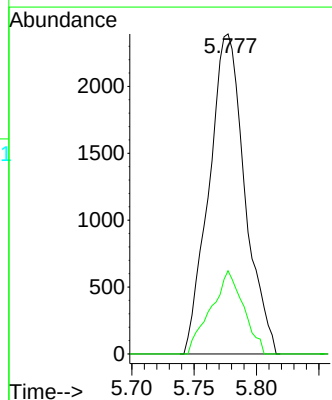
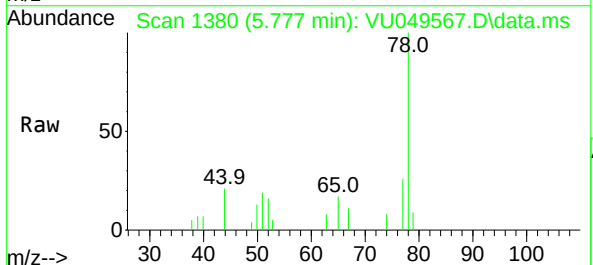


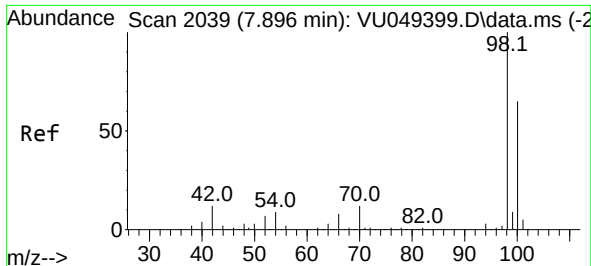
Tgt Ion:117 Resp: 24329
Ion Ratio Lower Upper
117 100
119 5.6 76.8 115.2#
121 0.0 24.7 37.1#



#40
Benzene
Concen: 0.381 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.006 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion: 78 Resp: 4777
Ion Ratio Lower Upper
78 100
77 26.0 18.8 28.2

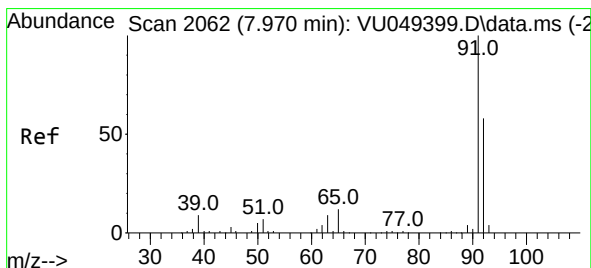
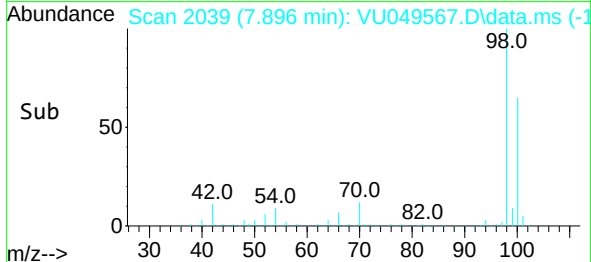
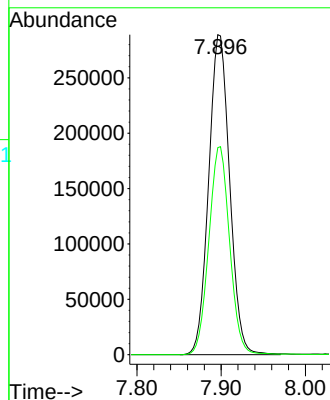
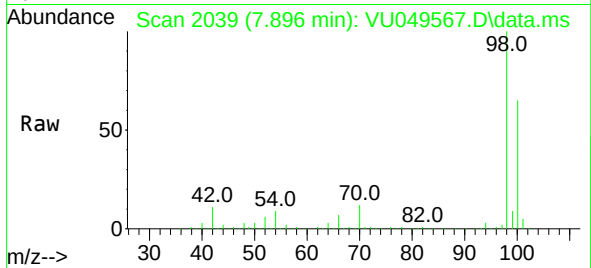




#50
Toluene-d8
Concen: 48.933 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

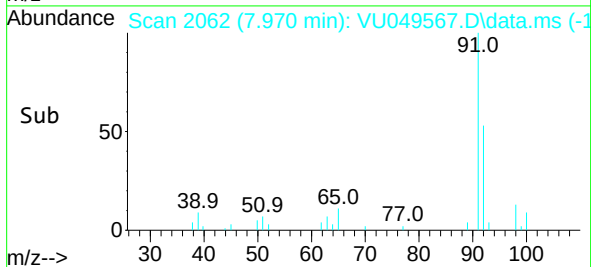
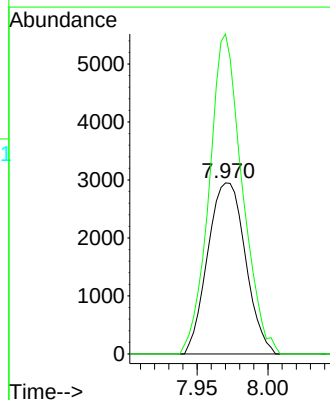
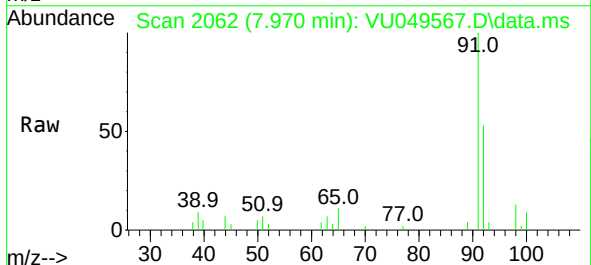
Instrument :
MSVOA_U
ClientSampleId :
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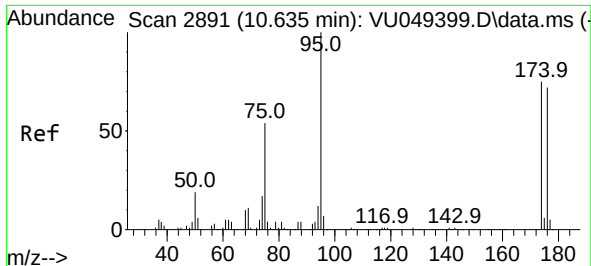
Tgt Ion: 98 Resp: 499992
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#52
Toluene
Concen: 0.733 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion: 92 Resp: 5464
Ion Ratio Lower Upper
92 100
91 163.9 138.2 207.4

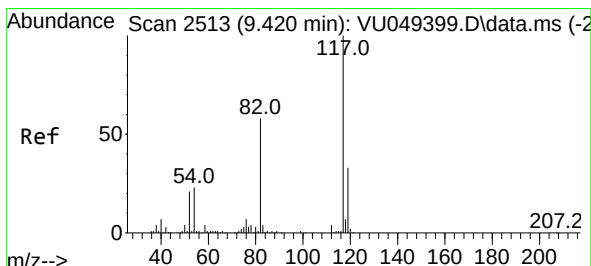
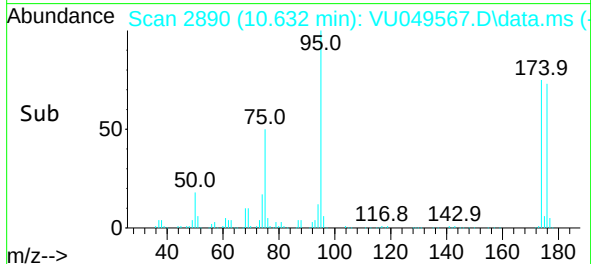
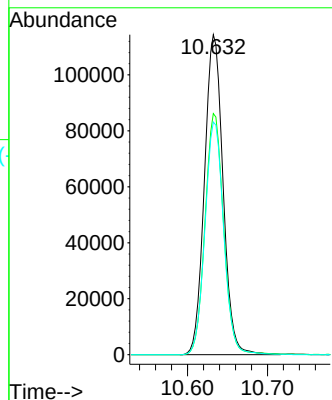
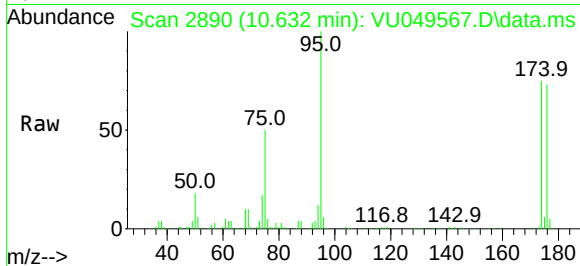




#62
4-Bromofluorobenzene
Concen: 47.292 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

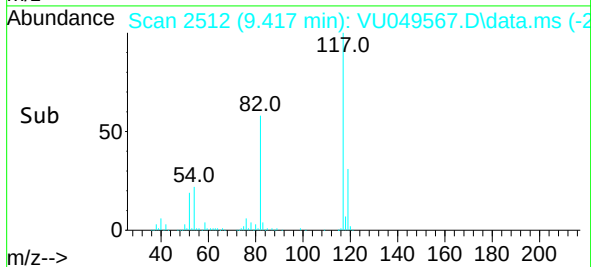
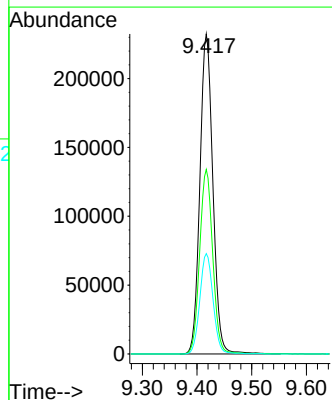
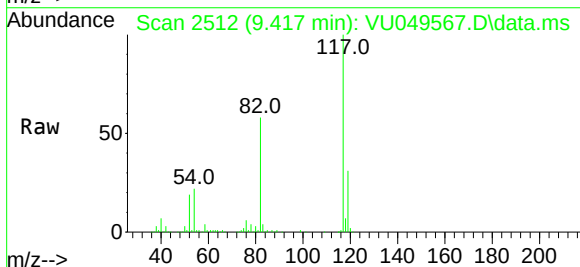
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GW

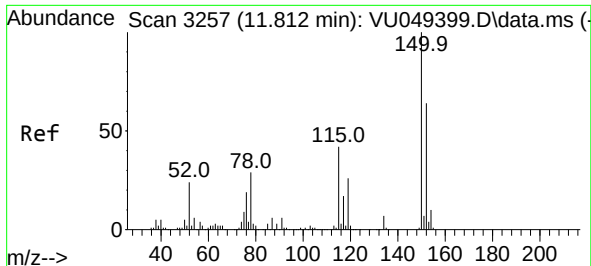
Tgt Ion: 95 Resp: 185108
Ion Ratio Lower Upper
95 100
174 75.4 0.0 182.0
176 73.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion: 117 Resp: 382680
Ion Ratio Lower Upper
117 100
82 57.6 41.7 62.5
119 31.4 25.7 38.5

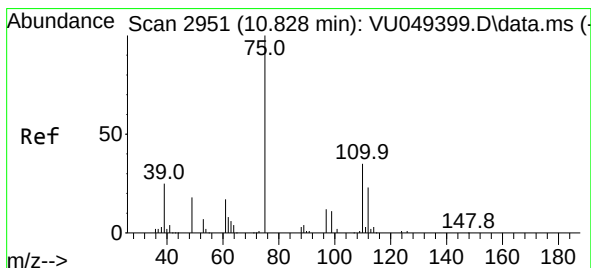
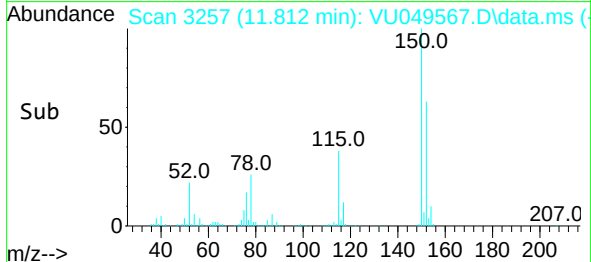
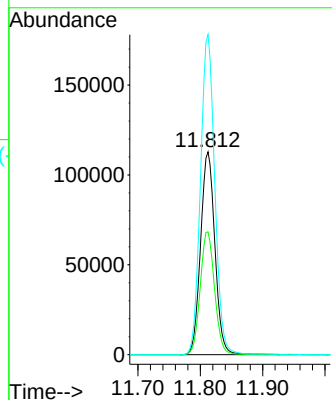
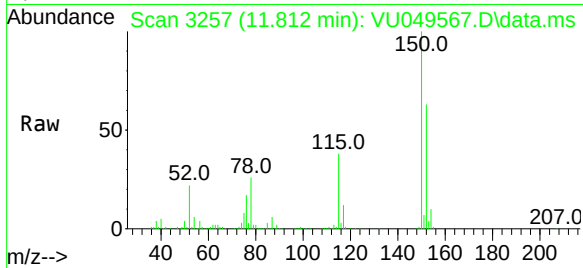




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049567.D
 Acq: 30 Jun 2022 16:44

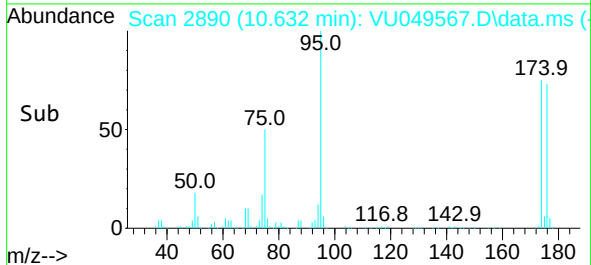
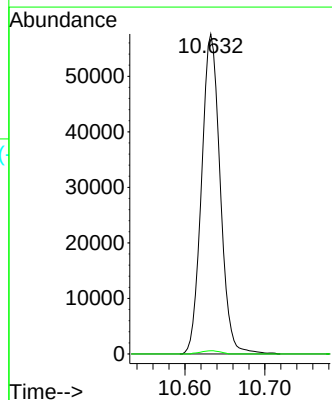
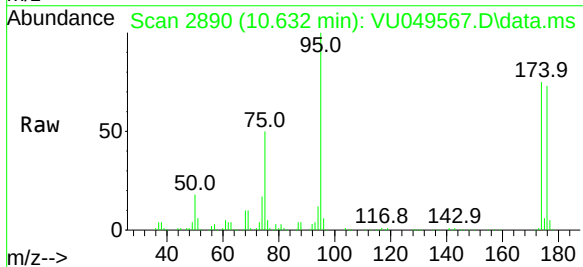
Instrument :
 MSVOA_U
 ClientSampleId :
 KENS-062822-SB18-GW

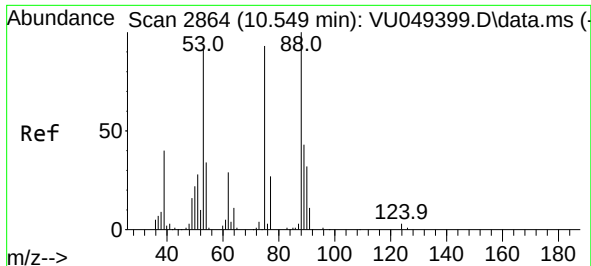
Tgt Ion:152 Resp: 180115
 Ion Ratio Lower Upper
 152 100
 115 60.7 37.0 110.9
 150 157.0 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.314 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049567.D
 Acq: 30 Jun 2022 16:44

Tgt Ion: 75 Resp: 93503
 Ion Ratio Lower Upper
 75 100
 77 1.1 15.8 47.3#

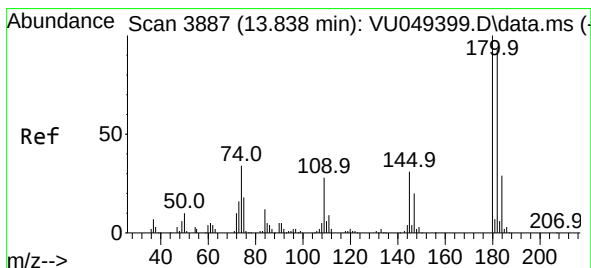
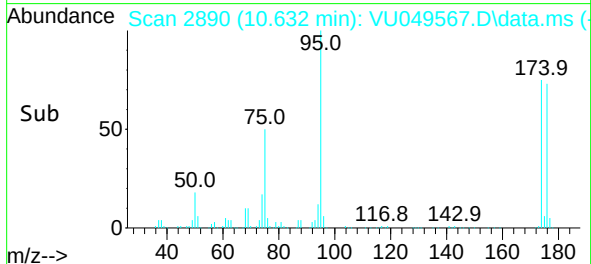
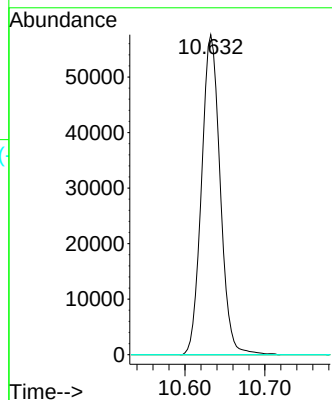
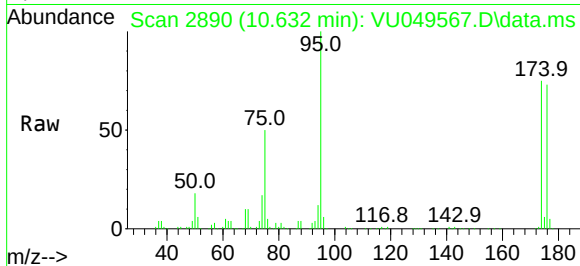




#81
trans-1,4-Dichloro-2-butene
Concen: 56.553 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

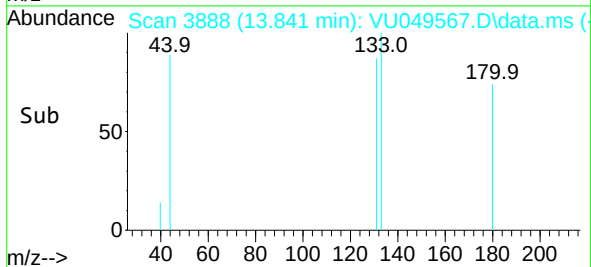
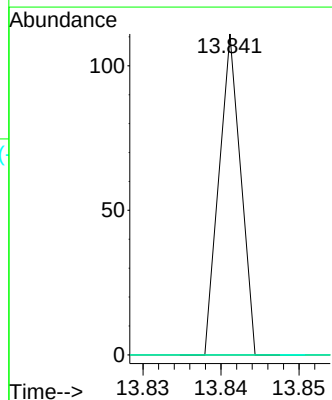
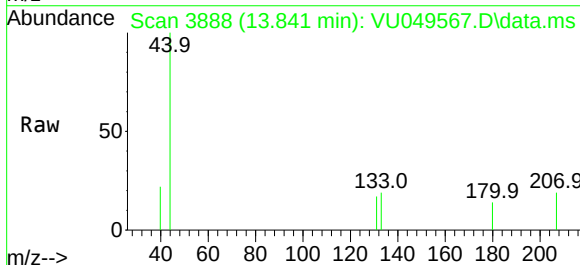
Instrument :
MSVOA_U
ClientSampleId :
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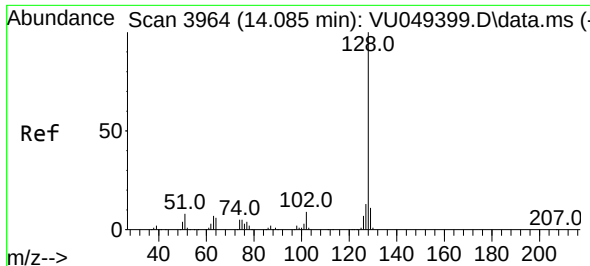
Tgt Ion: 75 Resp: 93503
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.759 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion:180 Resp: 21
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 14.0 41.9#

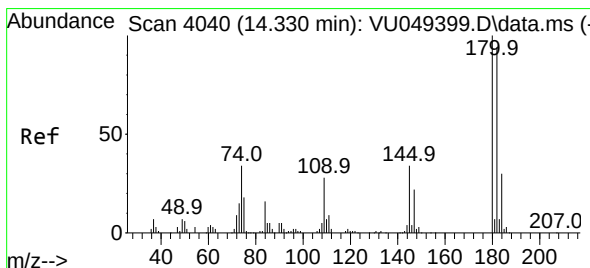
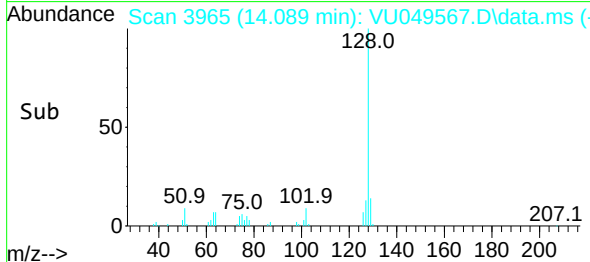
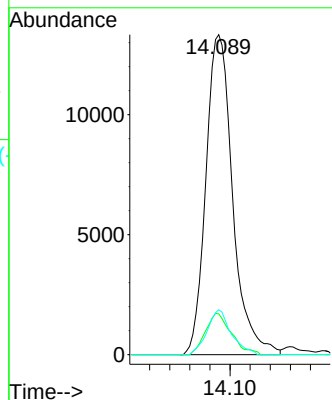
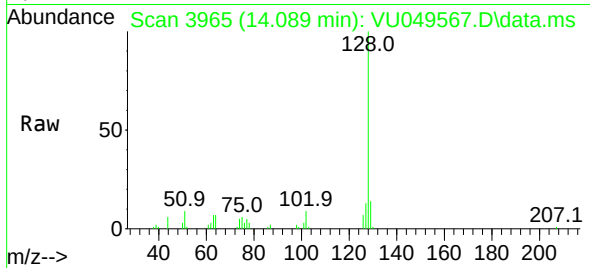




#95
Naphthalene
Concen: 3.426 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GW

Tgt Ion:128	Resp:	24692
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.3 15.5
129	12.6	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.212 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU049567.D
Acq: 30 Jun 2022 16:44

Tgt Ion:180	Resp:	148
Ion Ratio	Lower	Upper
180	100	
182	0.0	48.4 145.0#
145	0.0	14.8 44.4#

