

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049573.D
 Acq On : 30 Jun 2022 19:06
 Operator : SY/MD
 Sample : N3543-01DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jul 01 05:27:18 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)

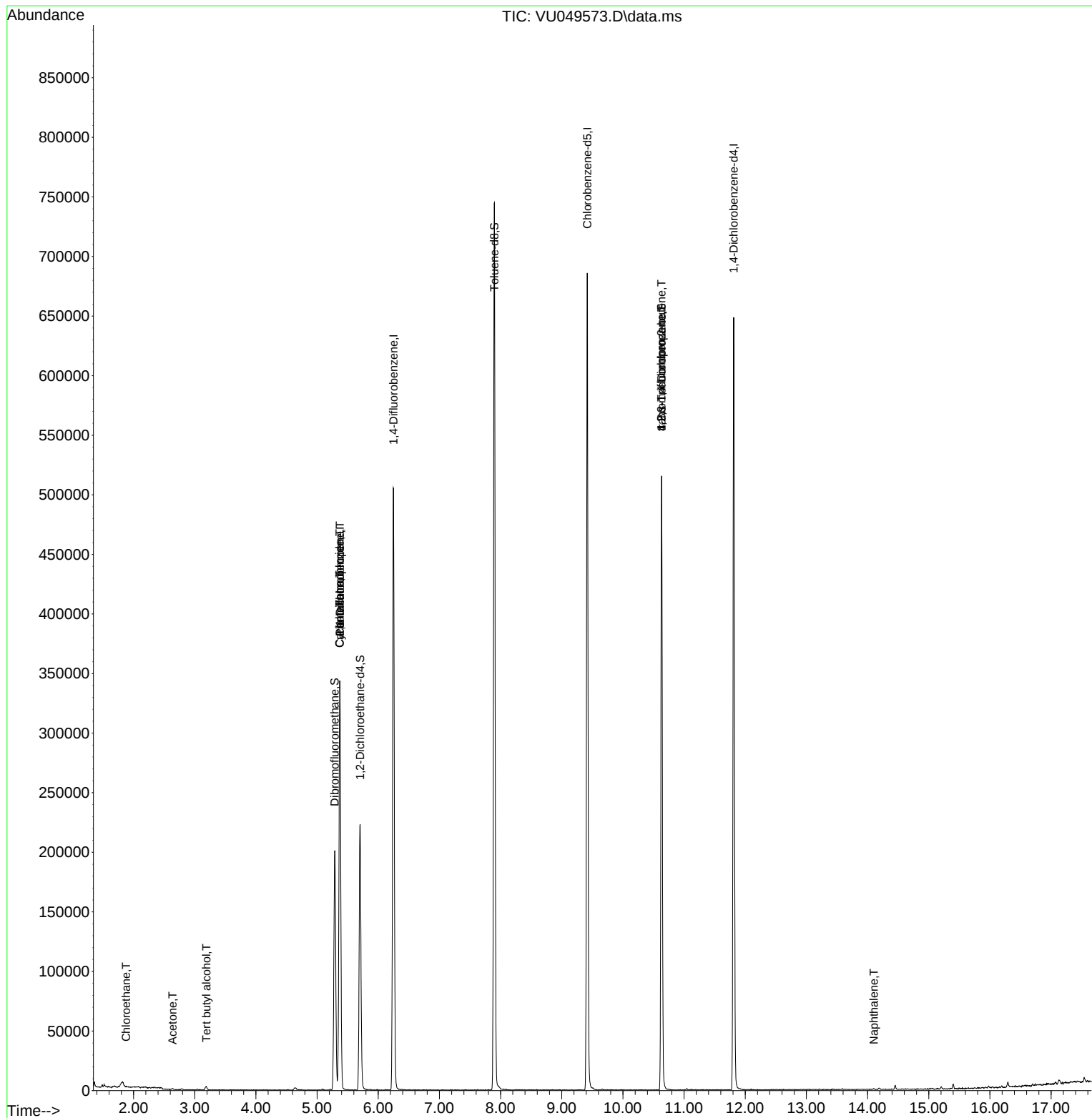
Internal Standards						
1) Pentafluorobenzene	5.372	168	230556	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	408928	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	369722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	172268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	164468	46.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.640%
35) Dibromofluoromethane	5.288	113	131926	46.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	7.899	98	494836	48.493	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.980%
62) 4-Bromofluorobenzene	10.632	95	177544	45.420	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2374	Below Cal		90
6) Chloroethane	1.877	64	43	1.939	ug/l #	44
11) Tert butyl alcohol	3.189	59	1929	2.321	ug/l #	37
16) Acetone	2.639	43	1148	0.641	ug/l #	80
20) Methylene Chloride	3.044	84	206	Below Cal	#	83
31) Cyclohexane	5.369	56	5215	0.978	ug/l #	22
36) 1,1-Dichloropropene	5.372	75	18738	4.517	ug/l #	48
38) Carbon Tetrachloride	5.369	117	23940	5.503	ug/l #	16
76) 1,2,3-Trichloropropane	10.632	75	89865	15.389	ug/l #	46
81) trans-1,4-Dichloro-2-b...	10.632	75	89865	56.828	ug/l #	15
95) Naphthalene	14.105	128	726	1.788	ug/l #	69

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

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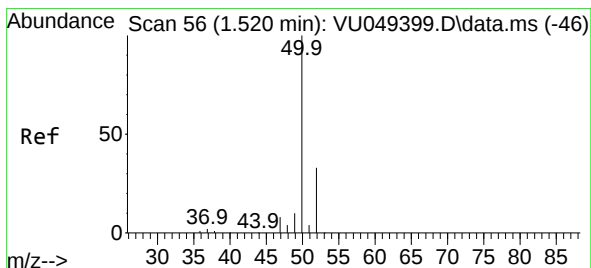
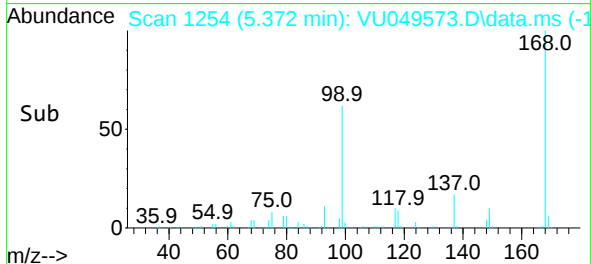
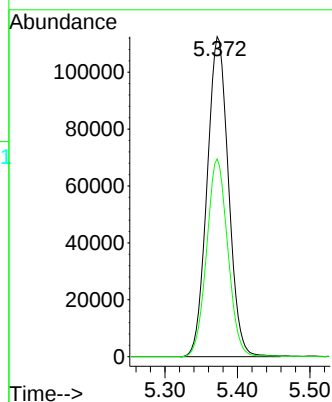
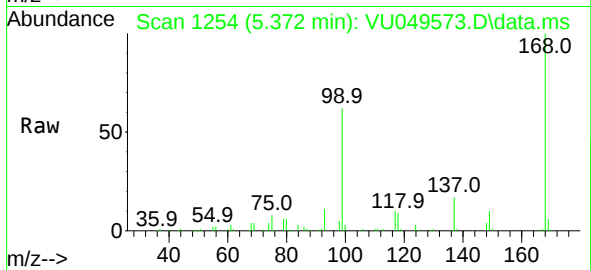




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

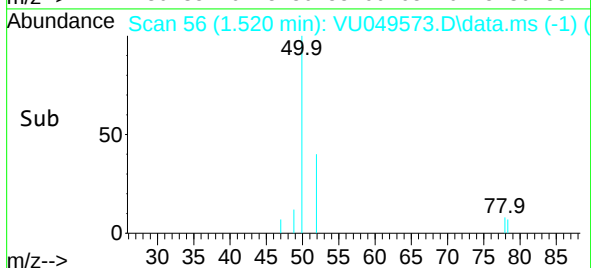
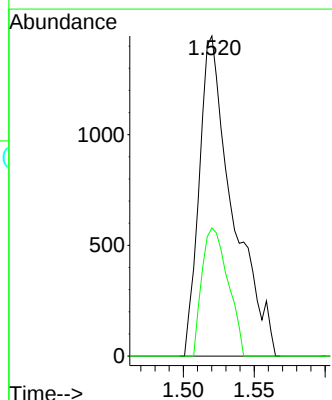
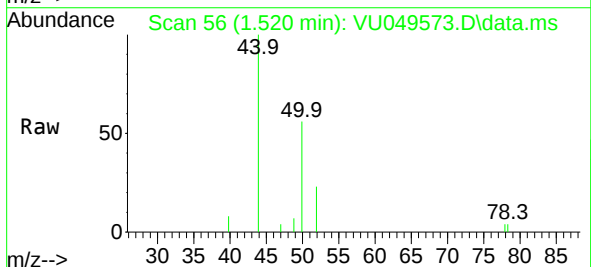
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GWDL

Tgt Ion:168 Resp: 230556
Ion Ratio Lower Upper
168 100
99 61.8 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

Tgt Ion: 50 Resp: 2374
Ion Ratio Lower Upper
50 100
52 40.0 27.4 41.2

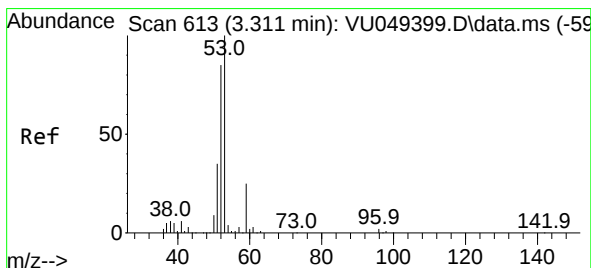
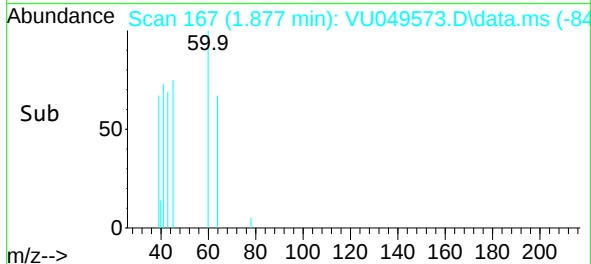
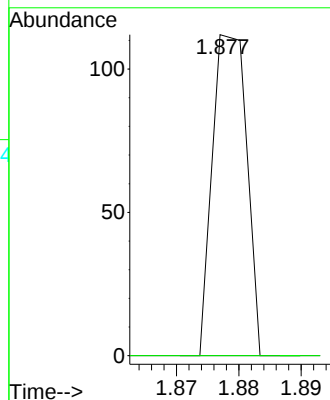
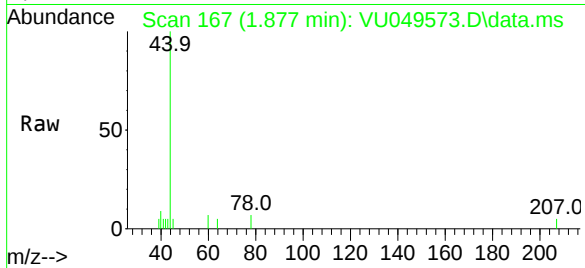




#6
Chloroethane
Concen: 1.939 ug/l
RT: 1.877 min Scan# 1
Delta R.T. -0.032 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

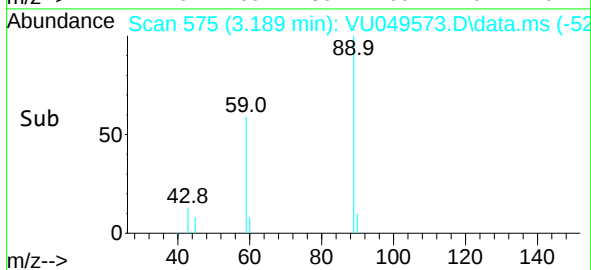
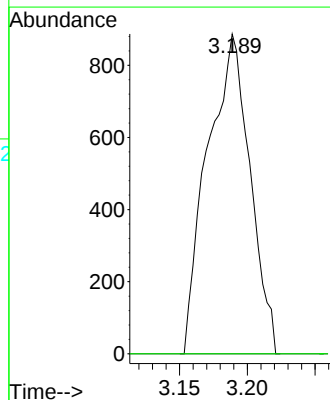
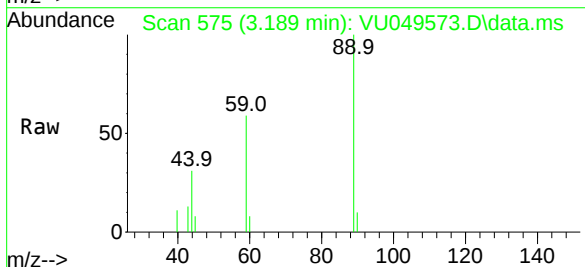
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GWDL

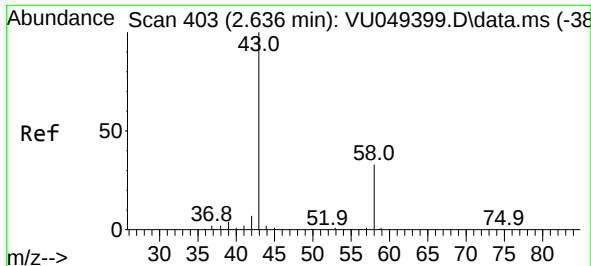
Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 2.321 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.122 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

Tgt Ion: 59 Resp: 1929
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#16

Acetone

Concen: 0.641 ug/l

RT: 2.639 min Scan# 403

Delta R.T. 0.003 min

Lab File: VU049573.D

Acq: 30 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

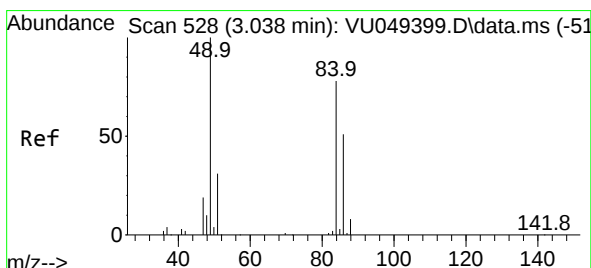
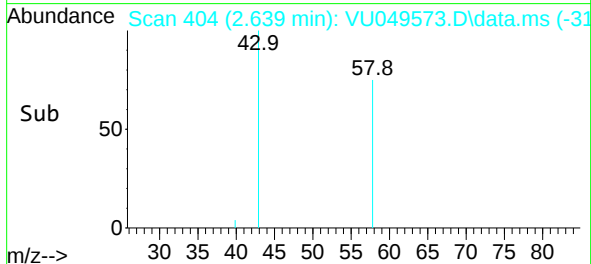
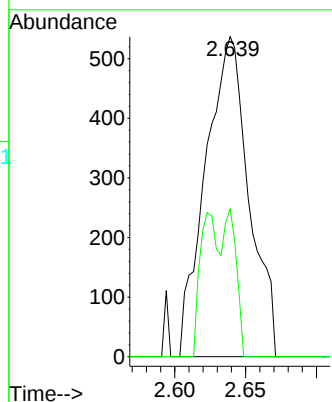
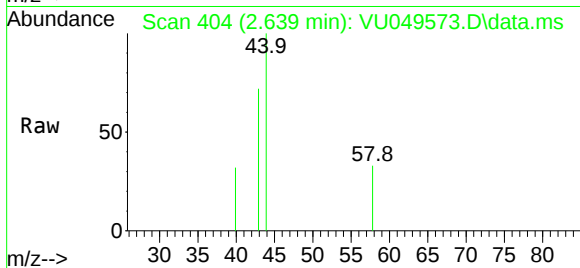
KENS-062822-SB18-GWDL

Tgt Ion: 43 Resp: 1148

Ion Ratio Lower Upper

43 100

58 46.2 27.5 41.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 3.044 min Scan# 530

Delta R.T. 0.006 min

Lab File: VU049573.D

Acq: 30 Jun 2022 19:06

Tgt Ion: 84 Resp: 206

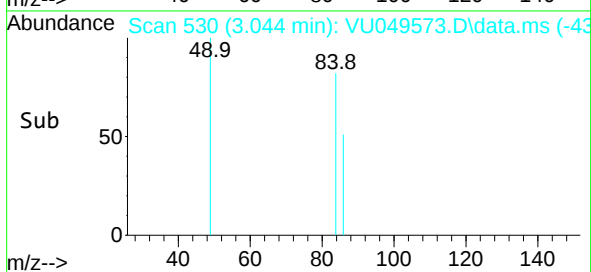
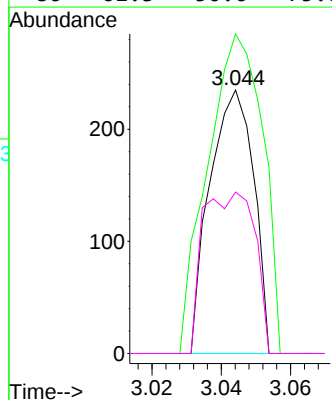
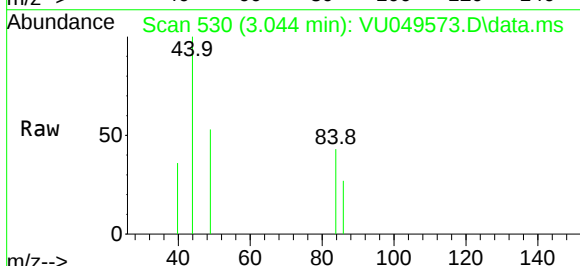
Ion Ratio Lower Upper

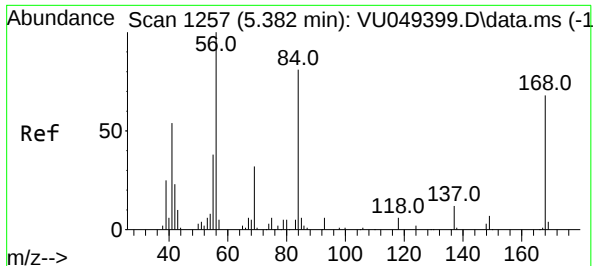
84 100

49 121.3 86.6 129.8

51 0.0 26.6 40.0#

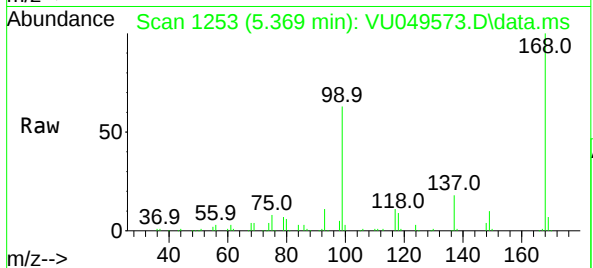
86 61.3 50.6 75.8



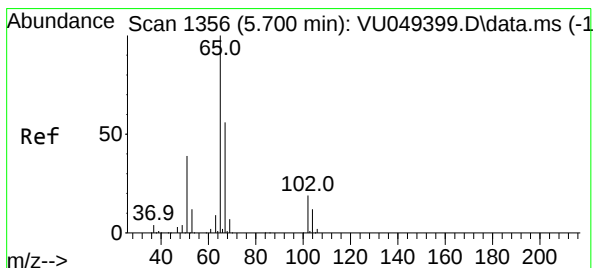
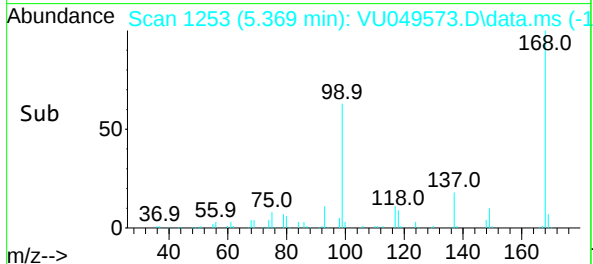
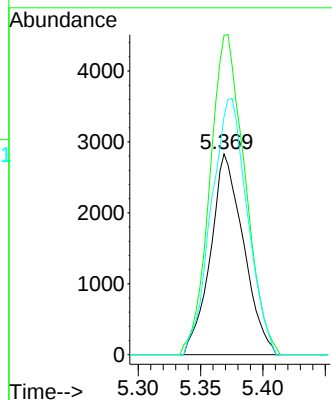


#31
Cyclohexane
Concen: 0.978 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

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

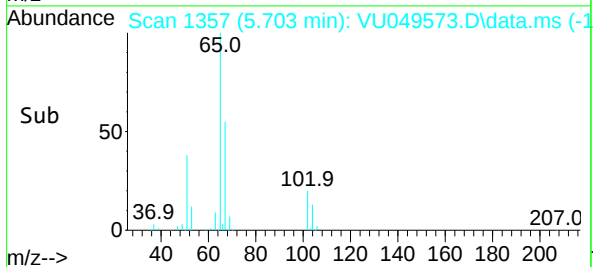
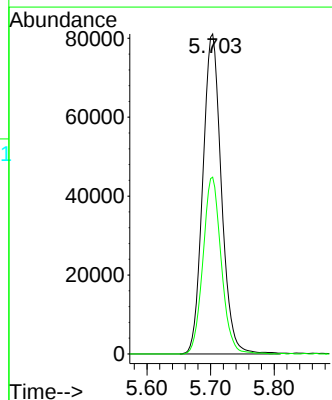
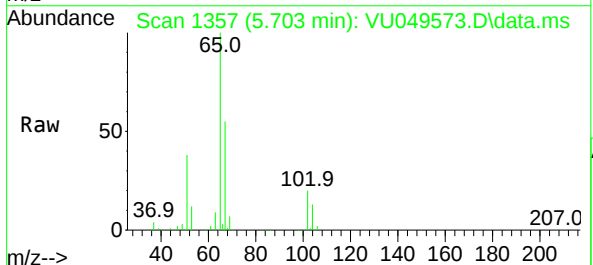


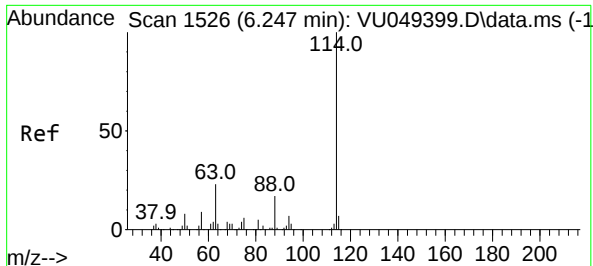
Tgt Ion: 56 Resp: 5215
Ion Ratio Lower Upper
56 100
69 159.2 27.8 41.8#
84 118.7 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 46.320 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

Tgt Ion: 65 Resp: 164468
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049573.D

Acq: 30 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

KENS-062822-SB18-GWDL

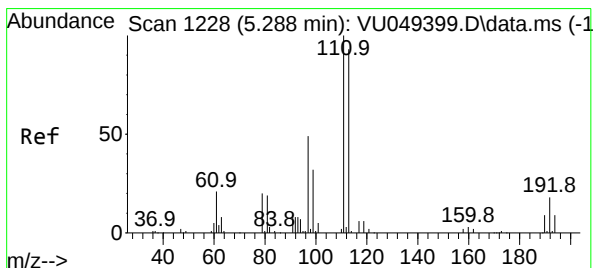
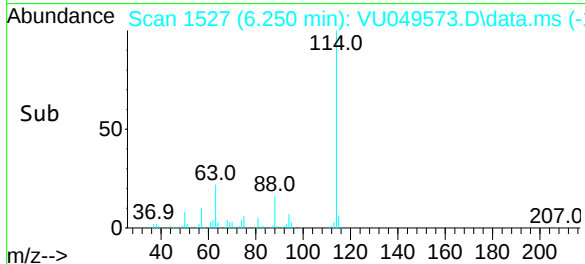
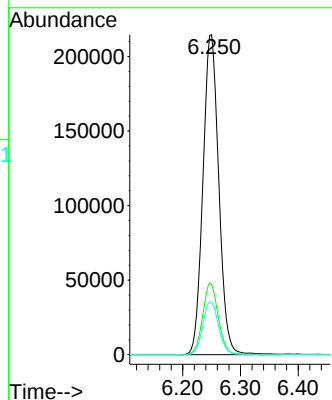
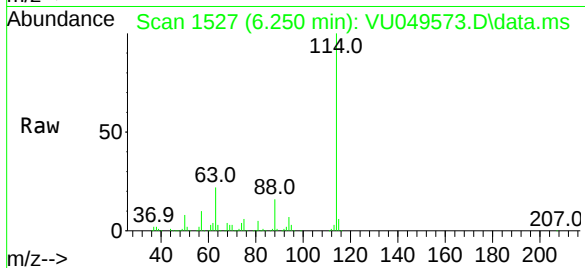
Tgt Ion:114 Resp: 408928

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 46.112 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049573.D

Acq: 30 Jun 2022 19:06

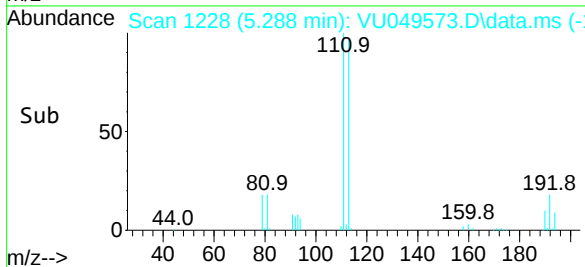
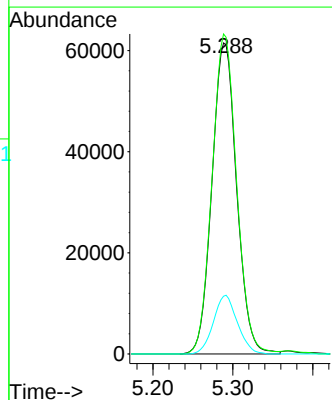
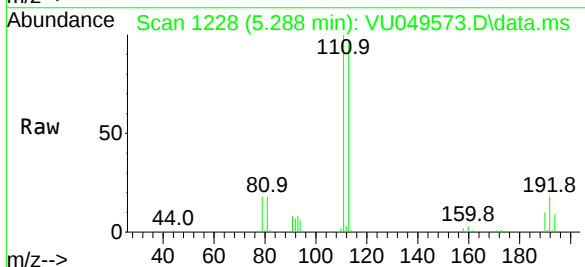
Tgt Ion:113 Resp: 131926

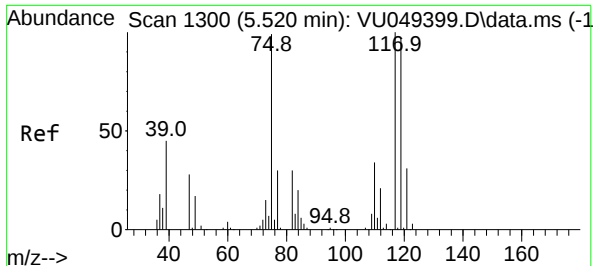
Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 18.3 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.517 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049573.D

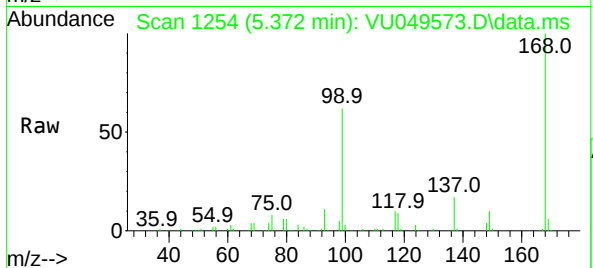
Acq: 30 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

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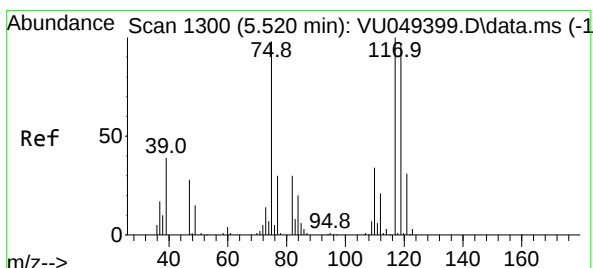
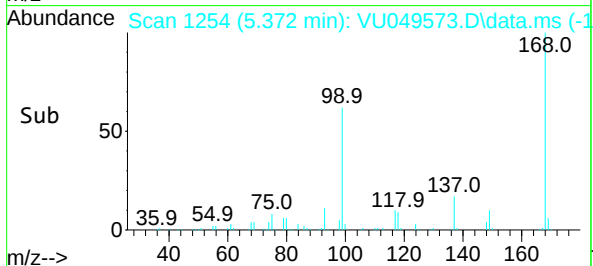
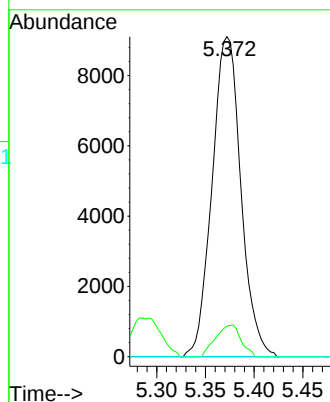
Tgt Ion: 75 Resp: 18738

Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.503 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.151 min

Lab File: VU049573.D

Acq: 30 Jun 2022 19:06

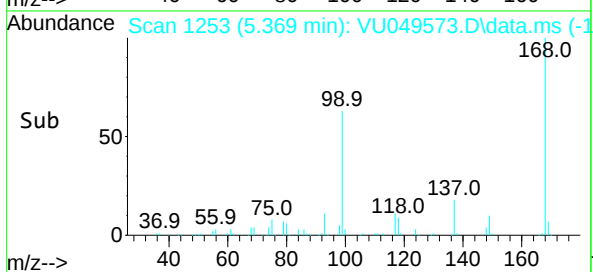
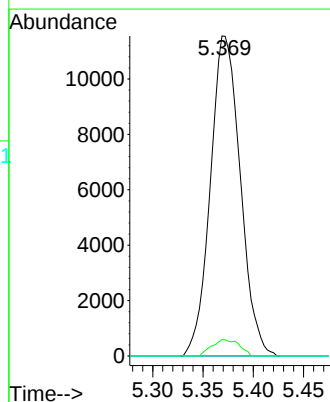
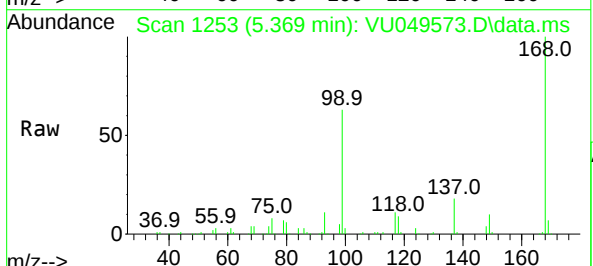
Tgt Ion: 117 Resp: 23940

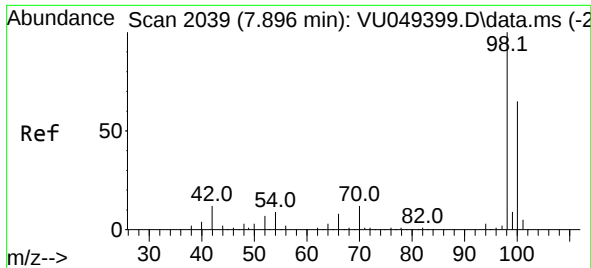
Ion Ratio Lower Upper

117 100

119 5.1 76.8 115.2#

121 0.0 24.7 37.1#

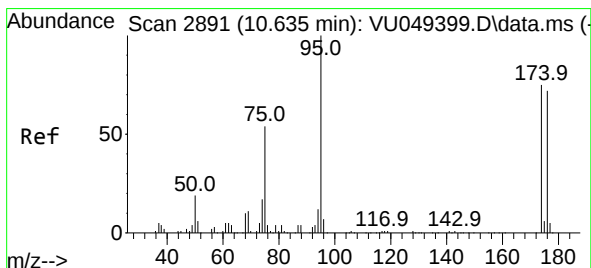
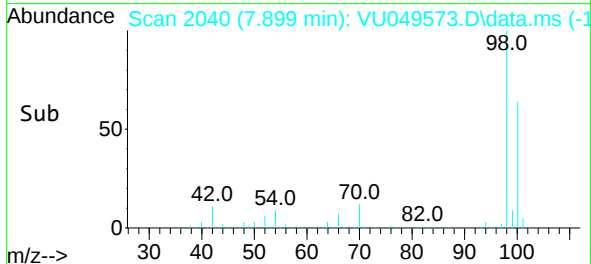
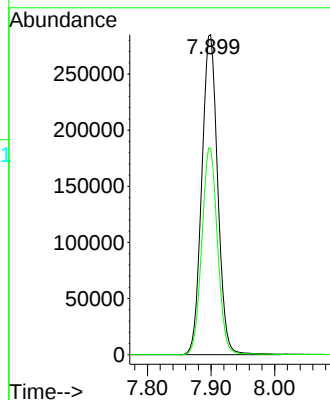
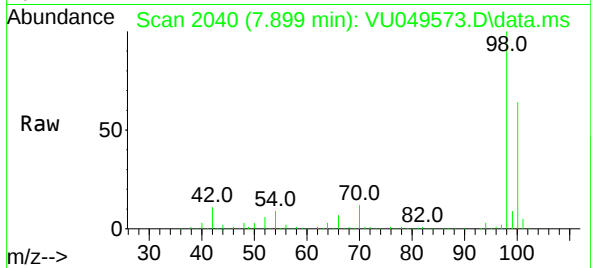




#50
Toluene-d8
Concen: 48.493 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

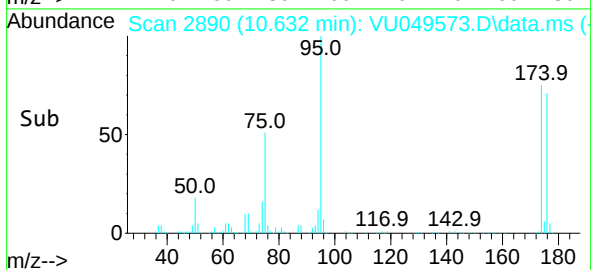
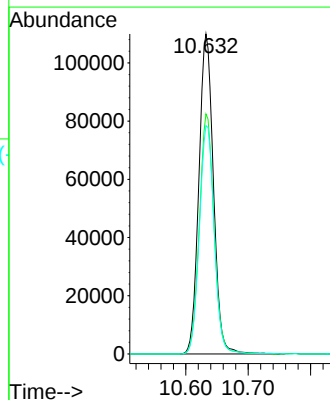
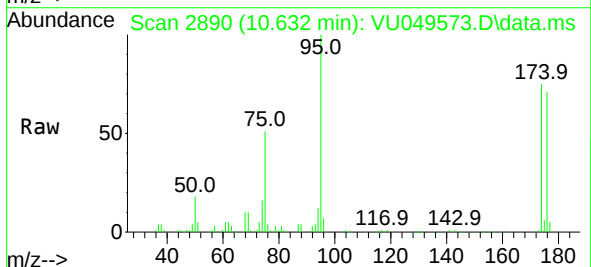
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GWDL

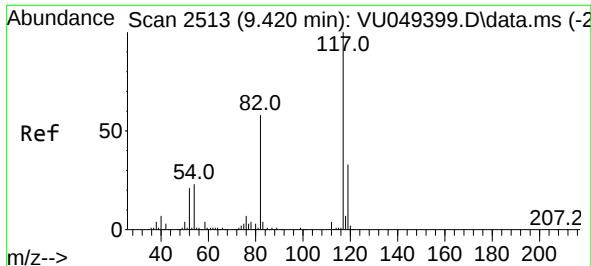
Tgt Ion: 98 Resp: 494836
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.420 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

Tgt Ion: 95 Resp: 177544
Ion Ratio Lower Upper
95 100
174 75.6 0.0 182.0
176 72.6 0.0 177.8

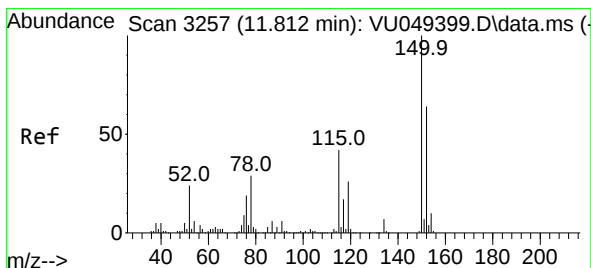
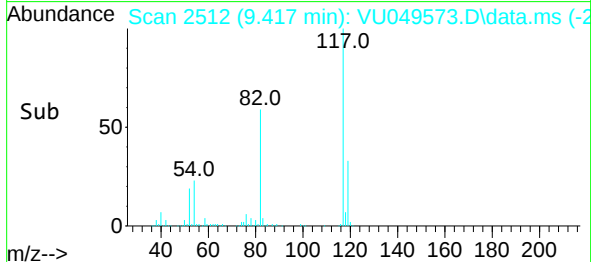
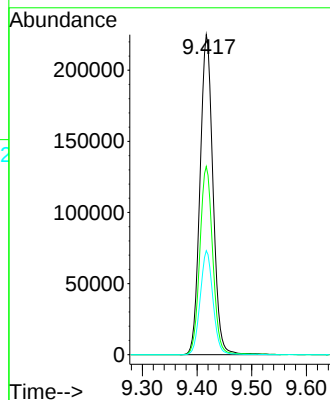
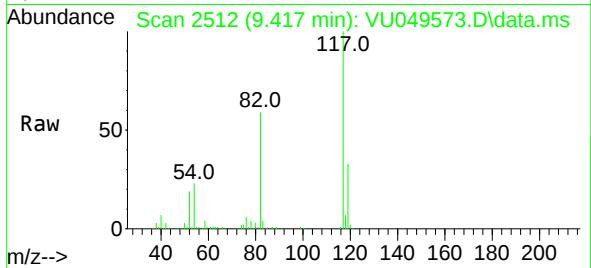




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

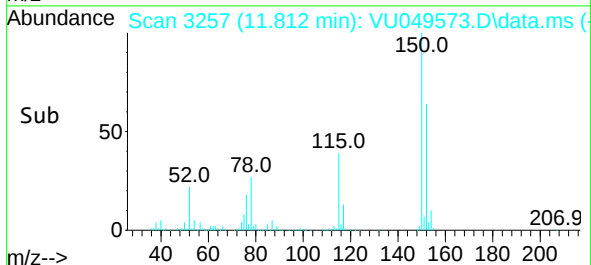
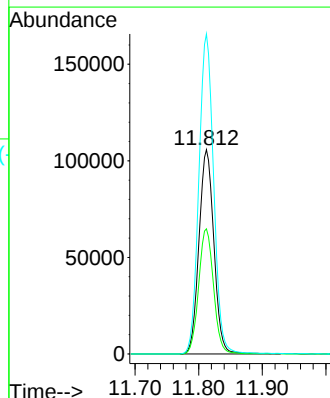
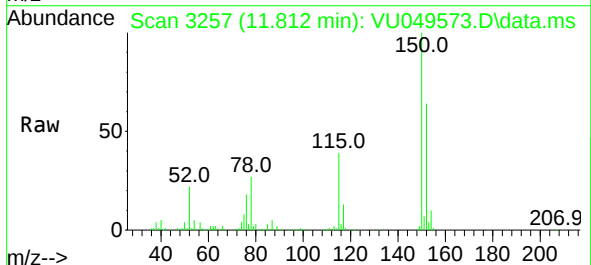
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GWDL

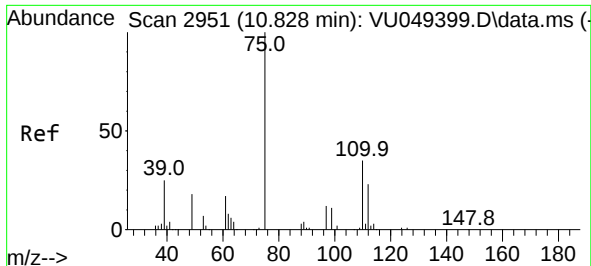
Tgt Ion:117 Resp: 369722
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

Tgt Ion:152 Resp: 172268
Ion Ratio Lower Upper
152 100
115 61.0 37.0 110.9
150 154.7 0.0 342.2

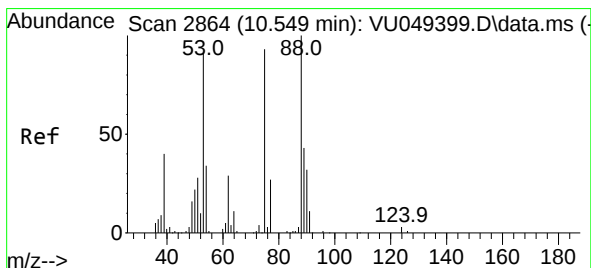
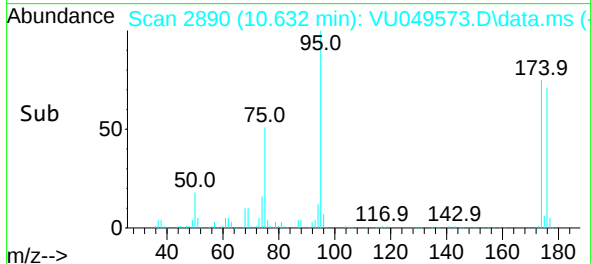
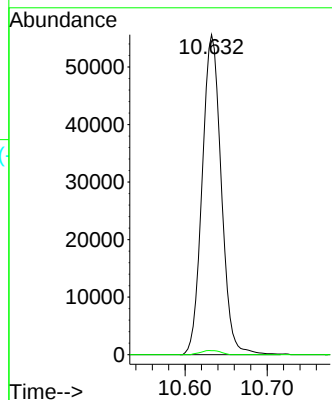
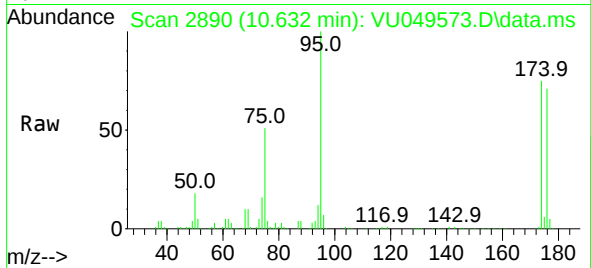




#76
1,2,3-Trichloropropane
Concen: 15.389 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

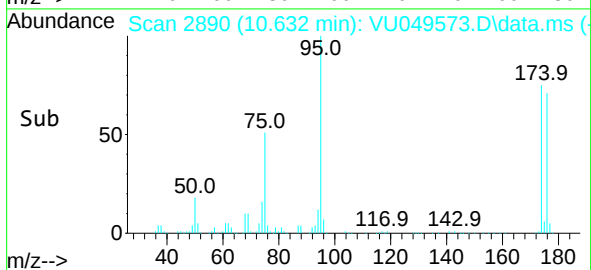
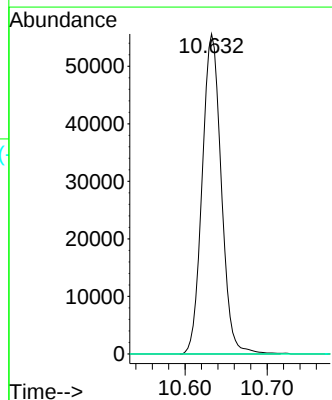
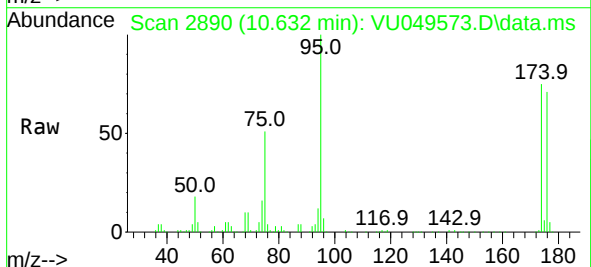
Instrument :
MSVOA_U
ClientSampleId :
KENS-062822-SB18-GWDL

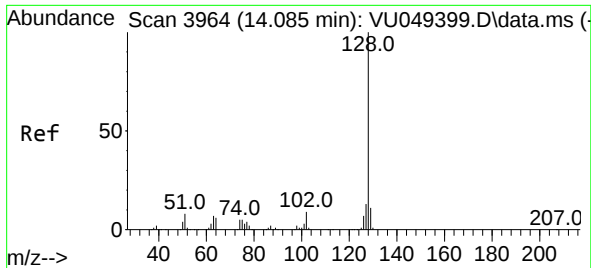
Tgt Ion: 75 Resp: 89865
Ion Ratio Lower Upper
75 100
77 1.4 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.828 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049573.D
Acq: 30 Jun 2022 19:06

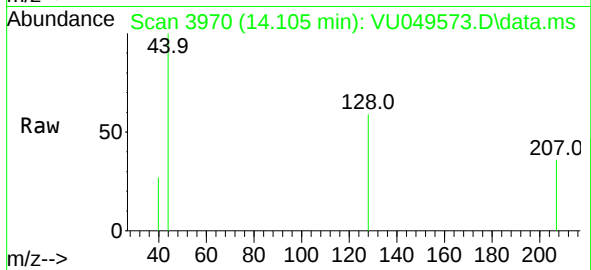
Tgt Ion: 75 Resp: 89865
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#





#95
 Naphthalene
 Concen: 1.788 ug/l
 RT: 14.105 min Scan# 3964
 Delta R.T. 0.019 min
 Lab File: VU049573.D
 Acq: 30 Jun 2022 19:06

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



Tgt Ion:	128	Resp:	726
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

