

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049377.D
 Acq On : 24 Jun 2022 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

Quant Time: Jun 25 00:09:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	126885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	114838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38583	3.480	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.916	69	29367	3.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.565	65	16219	3.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.639	46	158496	53.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.080%
24) Chloroform-d	5.067	84	76529	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.703	65	45330	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.729	84	144240	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.690	67	50893	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.899	98	134093	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.179	79	21885	4.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.636	63	110229	52.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46413	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	49047	4.436	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	48494	4.477	ug/L	99
3) Chloromethane	1.523	50	52073	4.379	ug/L	99
5) Vinyl chloride	1.604	62	50190	4.705	ug/L	99
6) Bromomethane	1.858	94	25444	4.335	ug/L	99
8) Chloroethane	1.935	64	29782	4.823	ug/L	98
9) Trichlorofluoromethane	2.141	101	65202	5.267	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	38803	5.294	ug/L	99
12) 1,1-Dichloroethene	2.581	96	34357	4.816	ug/L	95
13) Acetone	2.655	43	102519	69.973	ug/L	100
14) Carbon disulfide	2.793	76	100409	4.261	ug/L	98
15) Methyl Acetate	2.961	43	22602	5.768	ug/L	96
16) Methylene chloride	3.047	84	52314	5.574	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	113028	5.238	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	38249	4.839	ug/L	99
19) 1,1-Dichloroethane	3.871	63	77390	4.965	ug/L	95
21) 2-Butanone	4.716	43	167419	59.926	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	43815	4.956	ug/L	94
23) Bromochloromethane	4.980	128	19682	5.201	ug/L	91
25) Chloroform	5.089	83	77716	4.967	ug/L	98

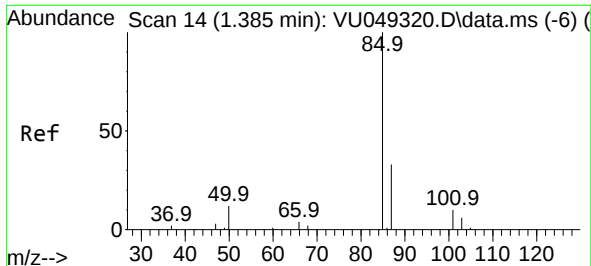
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049377.D
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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
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Quant Time: Jun 25 00:09:48 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	54215	5.261	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	66639	4.856	ug/L	99
30) Cyclohexane	5.388	56	69469	4.454	ug/L	97
31) Carbon tetrachloride	5.526	117	55852	4.861	ug/L	97
33) Benzene	5.774	78	168751	4.938	ug/L	100
34) Trichloroethene	6.542	95	42327	4.846	ug/L	97
35) Methylcyclohexane	6.764	83	67223	4.589	ug/L	98
37) 1,2-Dichloropropane	6.793	63	47892	5.101	ug/L	100
38) Bromodichloromethane	7.105	83	58062	5.059	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	66778	4.679	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	393142	56.358	ug/L	100
42) Toluene	7.970	91	175630	4.847	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	58647	4.731	ug/L	94
45) 1,1,2-Trichloroethane	8.401	97	34142	5.216	ug/L	99
47) Tetrachloroethene	8.552	164	29611	4.916	ug/L	98
48) 2-Hexanone	8.687	43	291018	58.449	ug/L	99
49) Dibromochloromethane	8.809	129	39939	5.348	ug/L	100
50) 1,2-Dibromoethane	8.925	107	33867	5.581	ug/L	96
51) Chlorobenzene	9.446	112	109563	4.966	ug/L	99
52) Ethylbenzene	9.571	91	188355	4.759	ug/L	100
53) m,p-Xylene	9.693	106	69078	4.697	ug/L	96
54) o-Xylene	10.099	106	68761	4.716	ug/L	98
55) Styrene	10.115	104	116115	4.755	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	48859	5.640	ug/L	98
59) Bromoform	10.292	173	22978	5.309	ug/L	97
60) Isopropylbenzene	10.484	105	183038	4.663	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	36494	5.644	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	156769	4.525	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	153218	4.464	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	82052	4.884	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	79924	4.814	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	81075	5.072	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	8073	4.581	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	58211	4.621	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	52482	5.241	ug/L	99
71) Naphthalene	14.086	128	115411	5.800	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	49787	5.288	ug/L	99

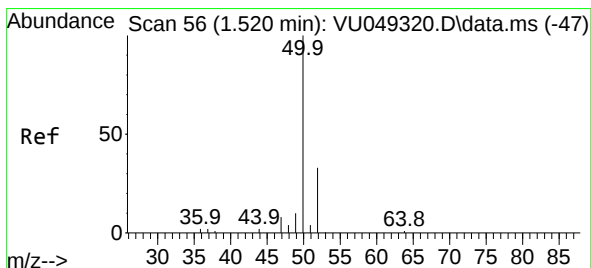
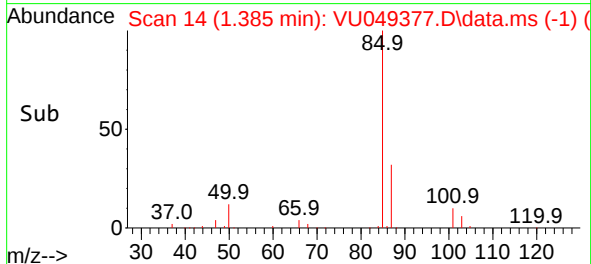
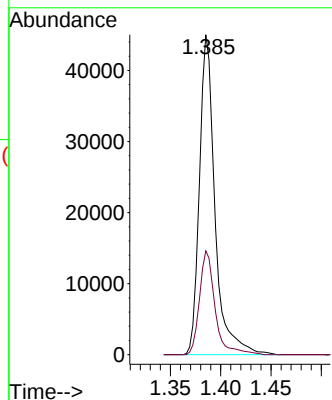
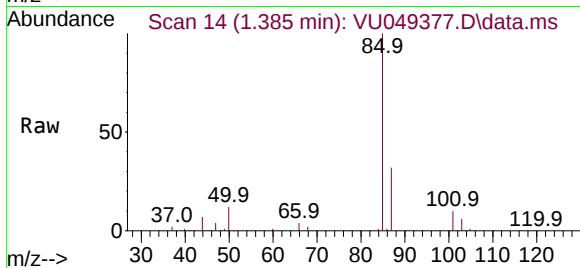
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.477 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

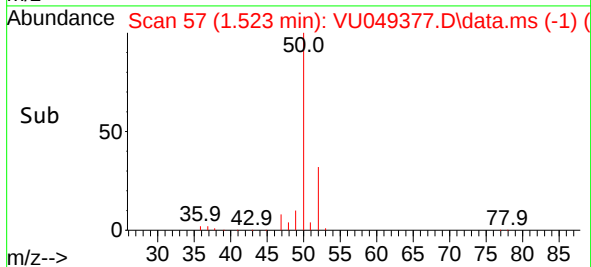
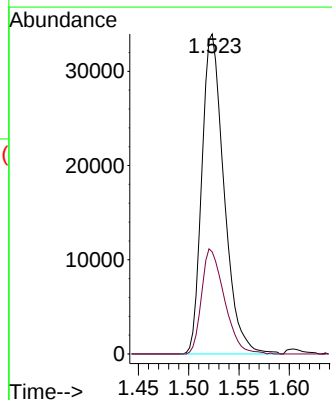
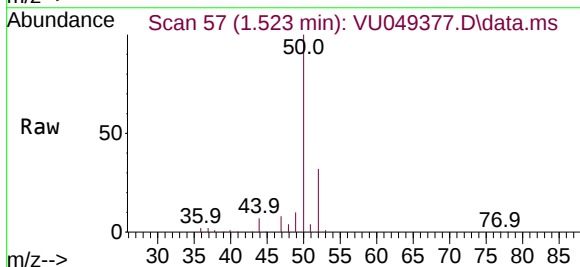
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MSVOA_U
ClientSampleId :
VSTD005124

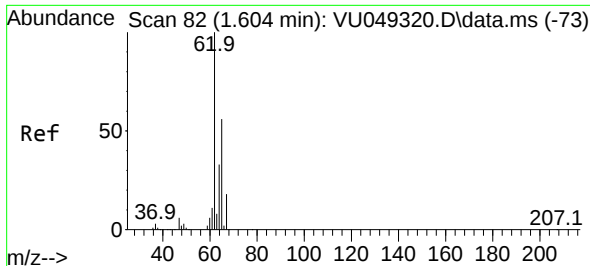
Tgt Ion: 85 Resp: 48494
Ion Ratio Lower Upper
85 100
87 32.5 25.5 38.3



#3
Chloromethane
Concen: 4.379 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 50 Resp: 52073
Ion Ratio Lower Upper
50 100
52 31.9 22.7 42.1

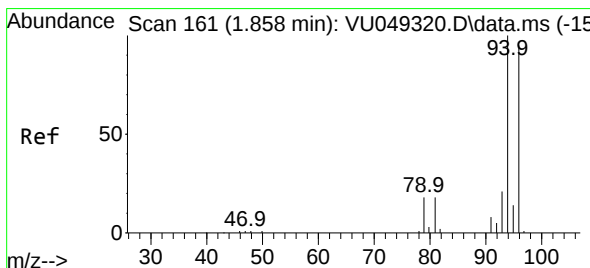
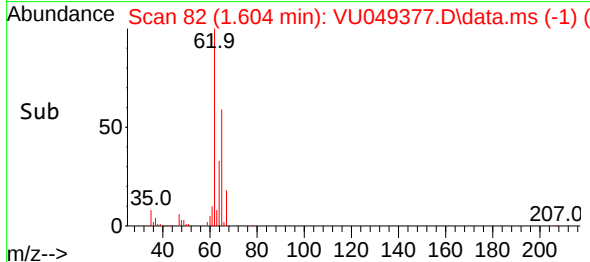
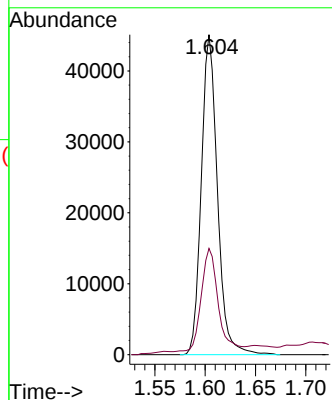
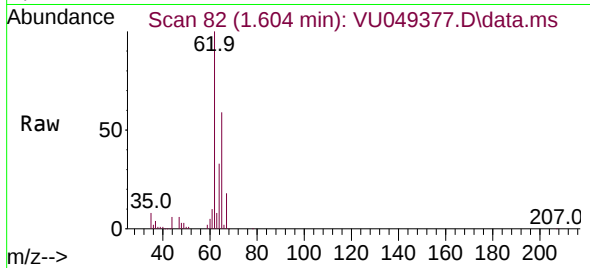




#5
 Vinyl chloride
 Concen: 4.705 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU049377.D
 Acq: 24 Jun 2022 09:59

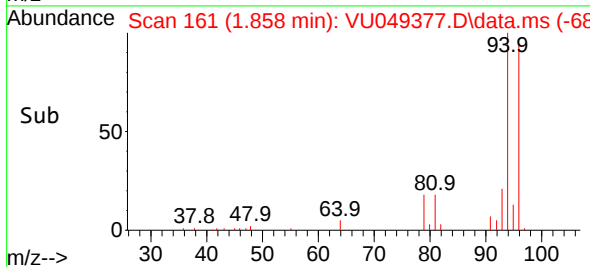
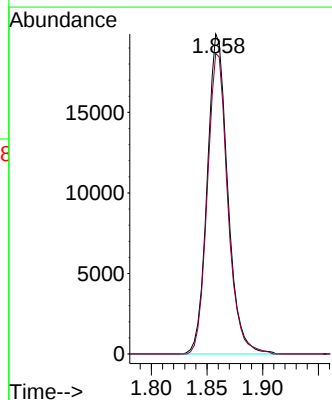
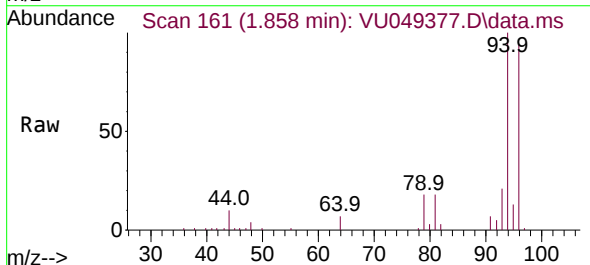
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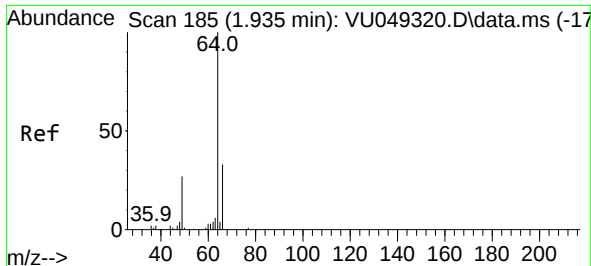
Tgt Ion: 62 Resp: 50190
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.335 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU049377.D
 Acq: 24 Jun 2022 09:59

Tgt Ion: 94 Resp: 25444
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.4 123.4

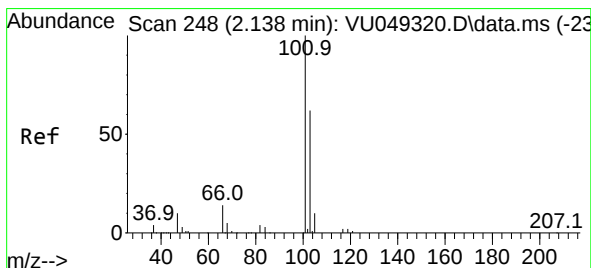
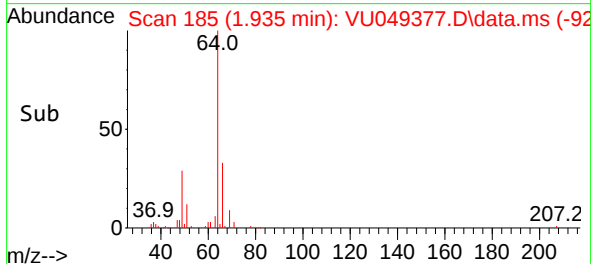
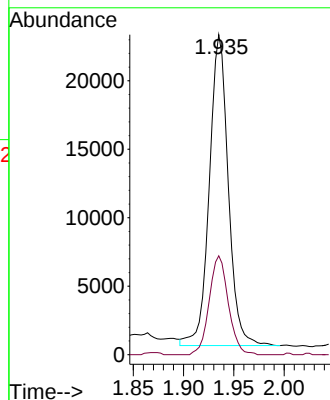
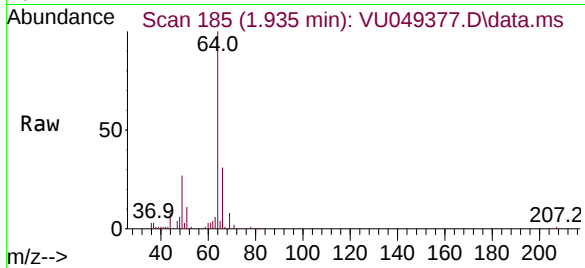




#8
Chloroethane
Concen: 4.823 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

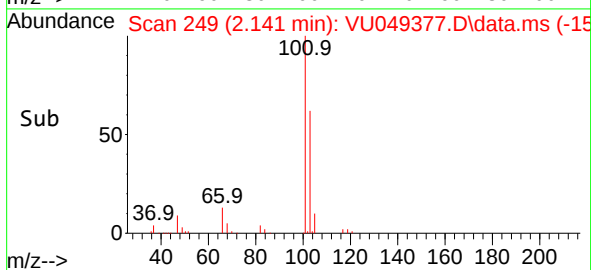
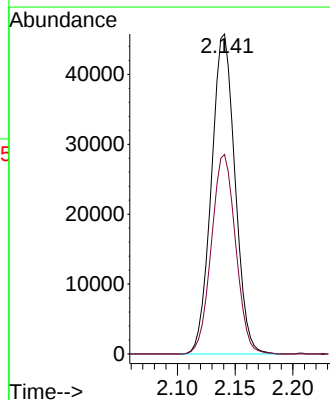
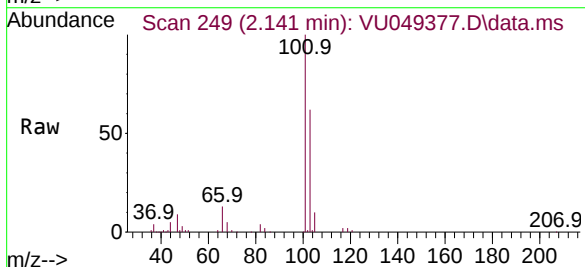
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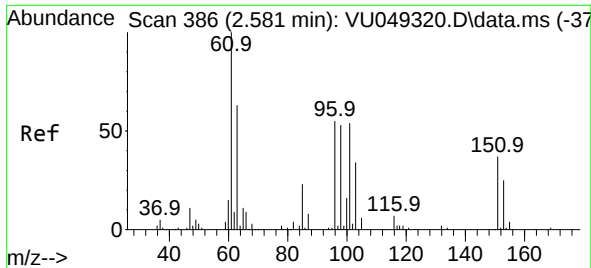
Tgt Ion: 64 Resp: 29782
Ion Ratio Lower Upper
64 100
66 30.9 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.267 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 101 Resp: 65202
Ion Ratio Lower Upper
101 100
103 63.9 53.5 80.3

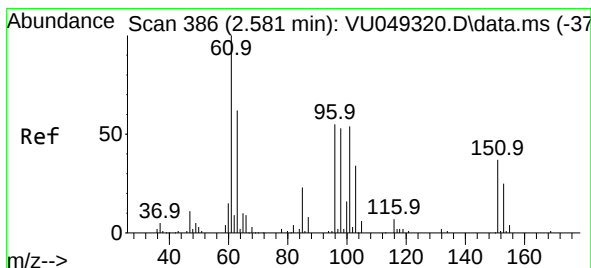
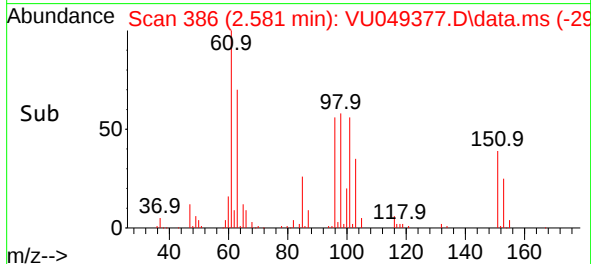
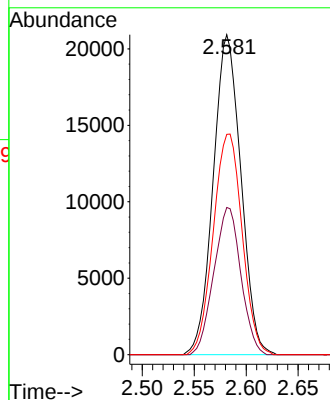
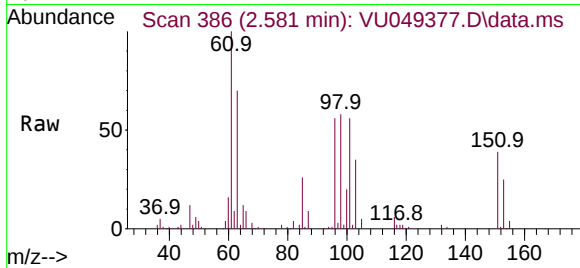




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.294 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

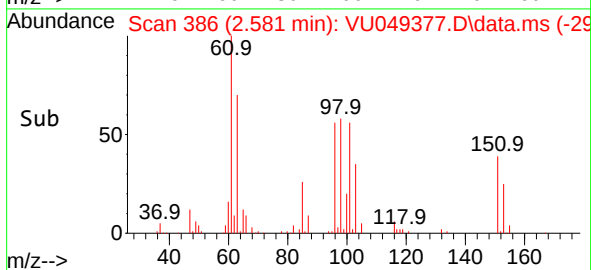
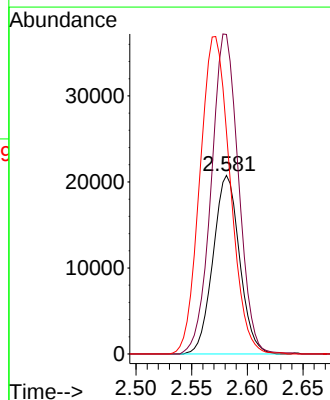
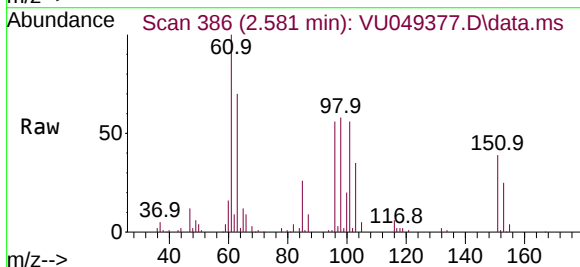
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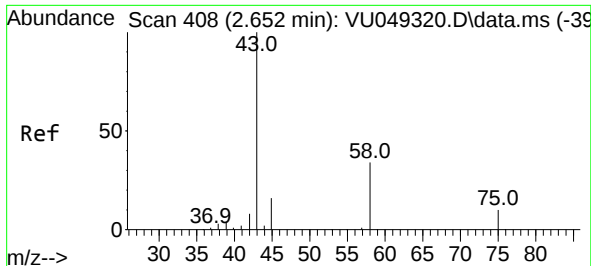
Tgt Ion: 101 Resp: 38803
Ion Ratio Lower Upper
101 100
85 44.8 36.1 54.1
151 71.9 56.8 85.2



#12
1,1-Dichloroethene
Concen: 4.816 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 96 Resp: 34357
Ion Ratio Lower Upper
96 100
61 179.0 127.2 236.2
63 124.5 94.7 175.9





#13

Acetone

Concen: 69.973 ug/L

RT: 2.655 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

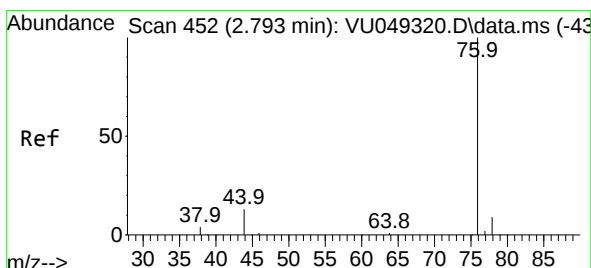
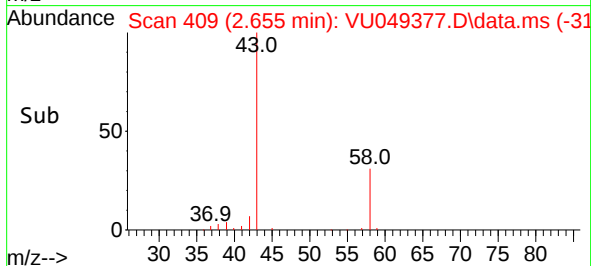
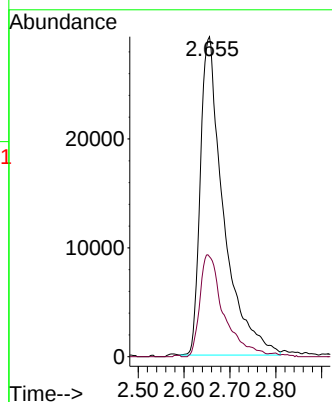
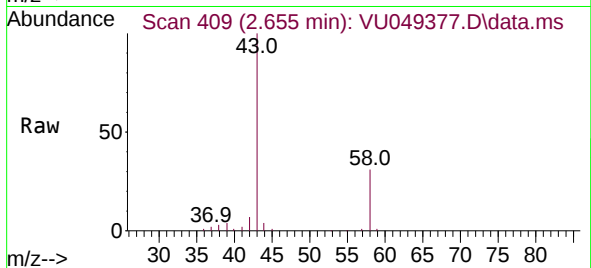
VSTD005124

Tgt Ion: 43 Resp: 102519

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.8



#14

Carbon disulfide

Concen: 4.261 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU049377.D

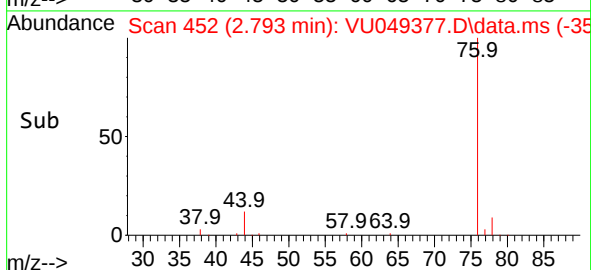
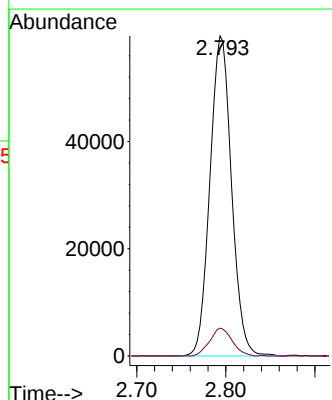
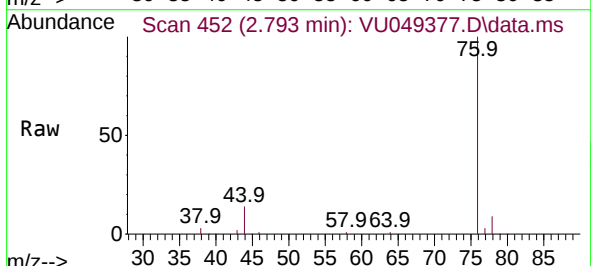
Acq: 24 Jun 2022 09:59

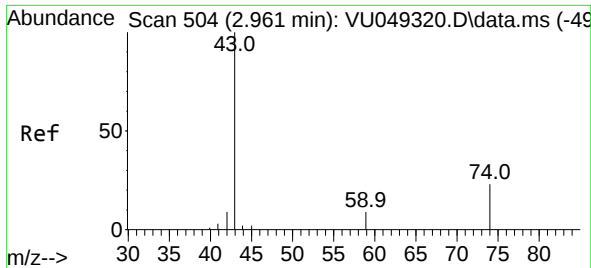
Tgt Ion: 76 Resp: 100409

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

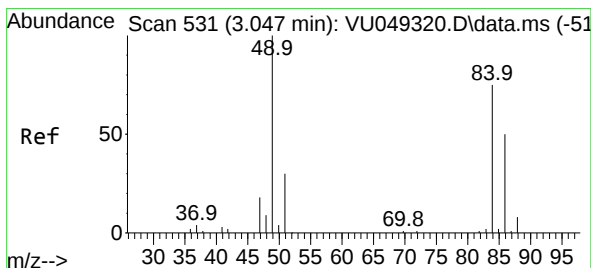
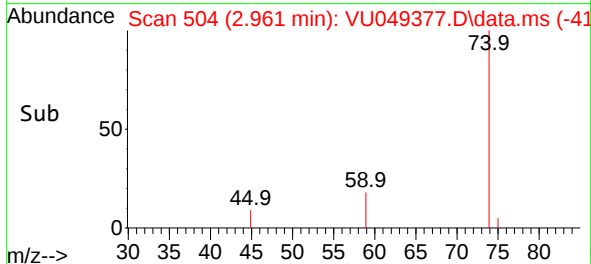
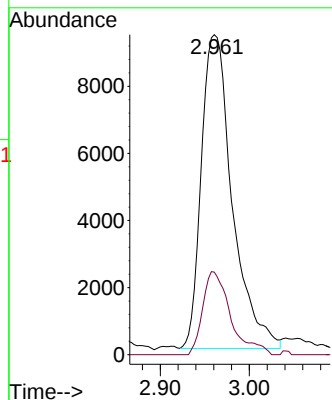
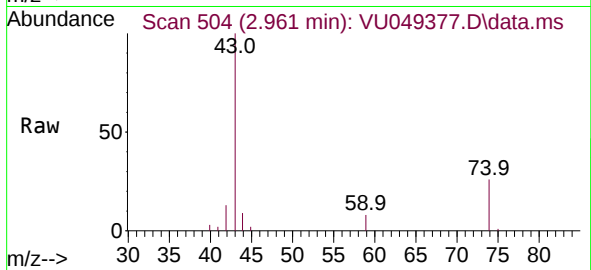




#15
Methyl Acetate
Concen: 5.768 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

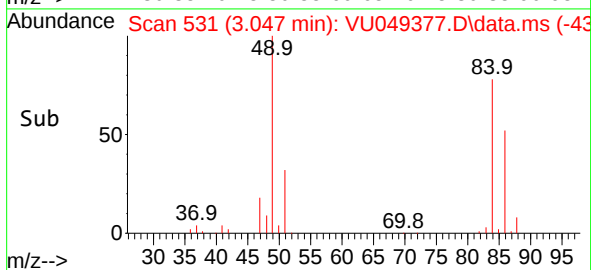
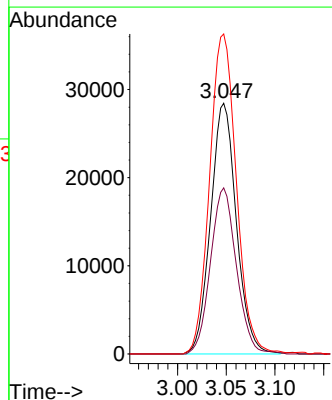
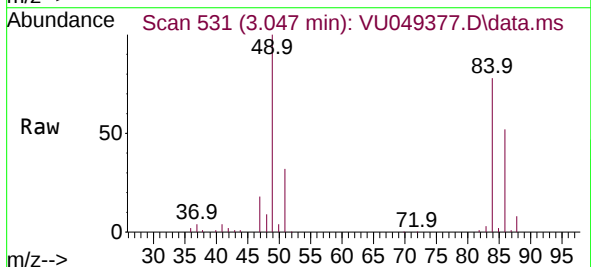
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

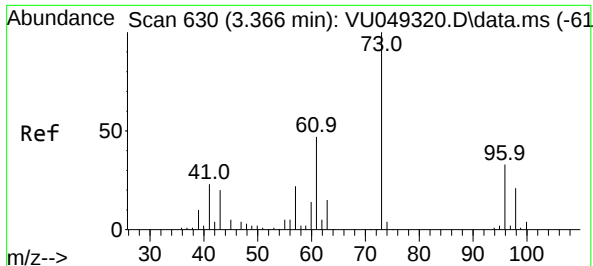
Tgt Ion: 43 Resp: 22602
Ion Ratio Lower Upper
43 100
74 23.8 17.6 26.4



#16
Methylene chloride
Concen: 5.574 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 84 Resp: 52314
Ion Ratio Lower Upper
84 100
86 66.2 43.6 81.0
49 127.7 90.2 167.6





#17

Methyl tert-butyl Ether

Concen: 5.238 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD005124

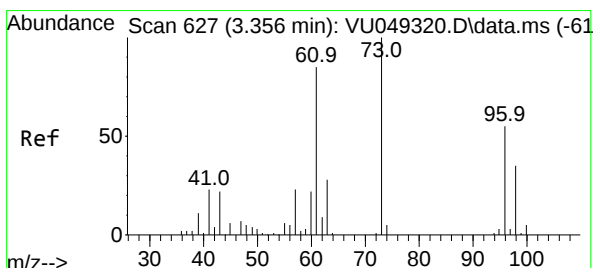
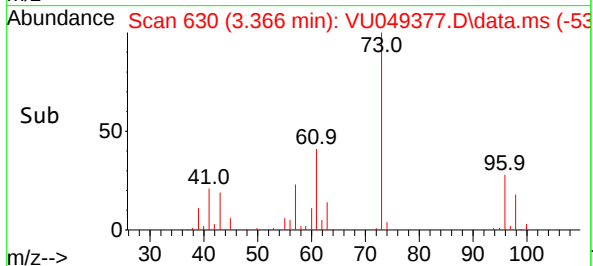
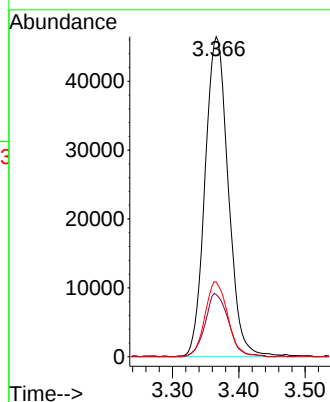
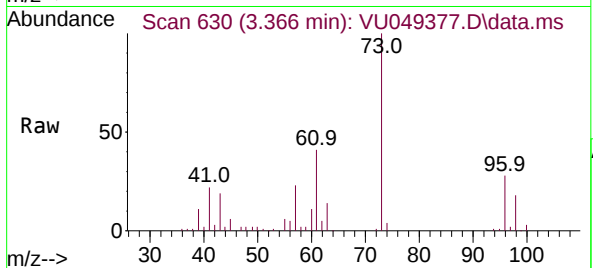
Tgt Ion: 73 Resp: 113028

Ion Ratio Lower Upper

73 100

43 20.0 16.5 24.7

57 22.9 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 4.839 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

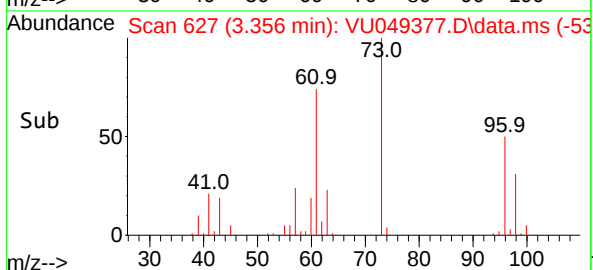
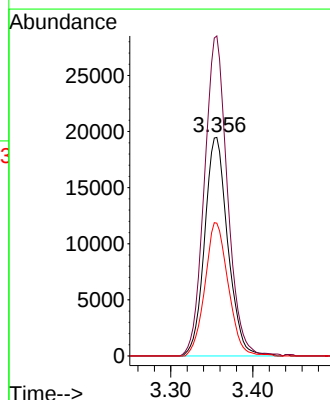
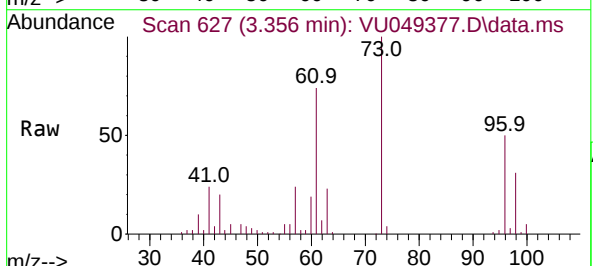
Tgt Ion: 96 Resp: 38249

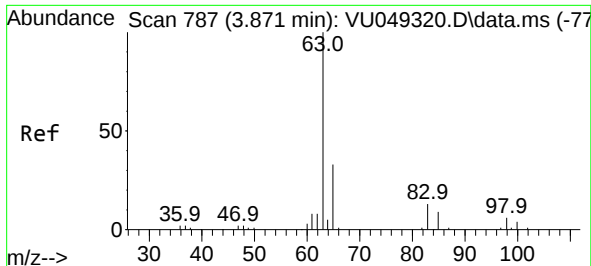
Ion Ratio Lower Upper

96 100

61 146.4 103.3 191.9

98 60.8 44.0 81.8





#19

1,1-Dichloroethane

Concen: 4.965 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD005124

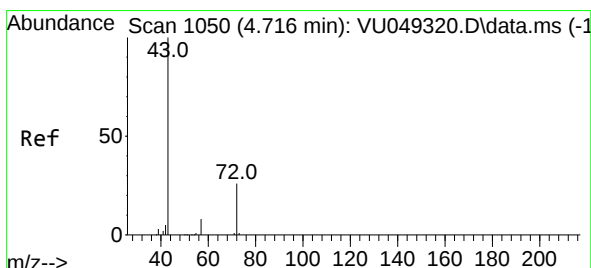
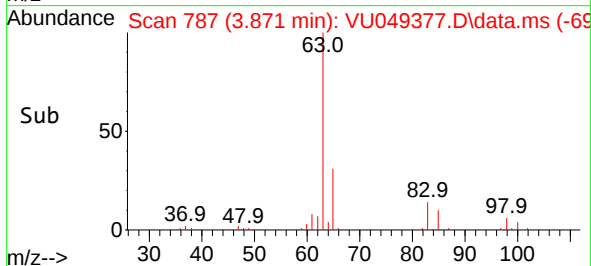
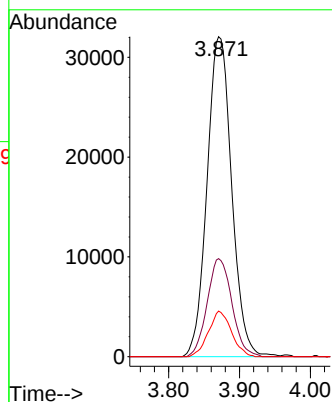
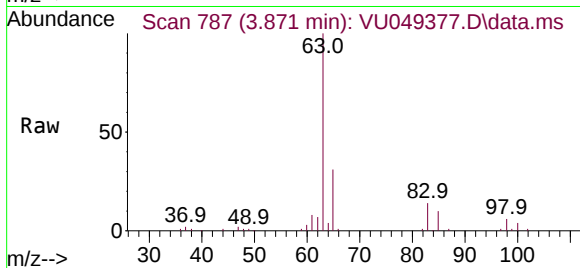
Tgt Ion: 63 Resp: 77390

Ion Ratio Lower Upper

63 100

65 30.6 24.0 44.6

83 14.3 9.1 16.9



#21

2-Butanone

Concen: 59.926 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VU049377.D

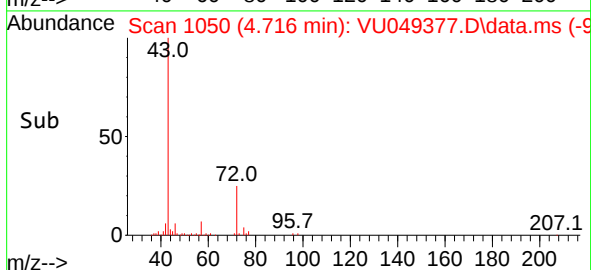
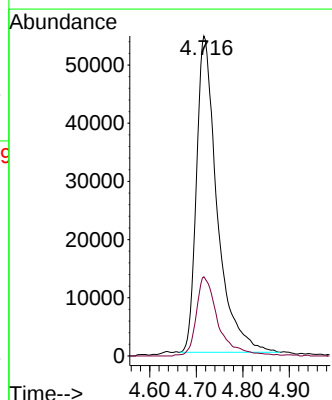
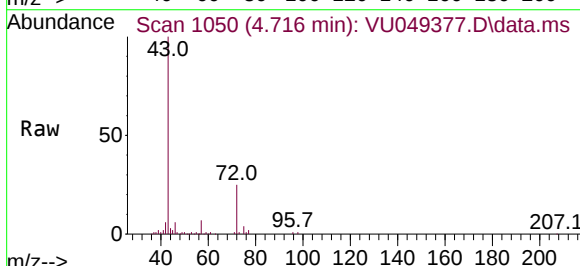
Acq: 24 Jun 2022 09:59

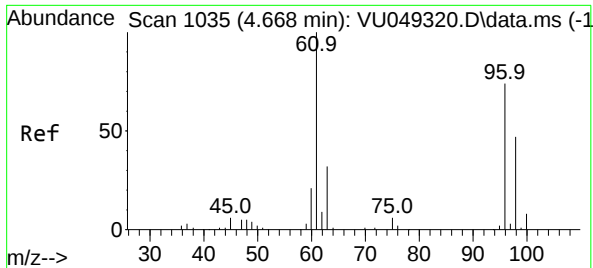
Tgt Ion: 43 Resp: 167419

Ion Ratio Lower Upper

43 100

72 26.5 12.2 36.6

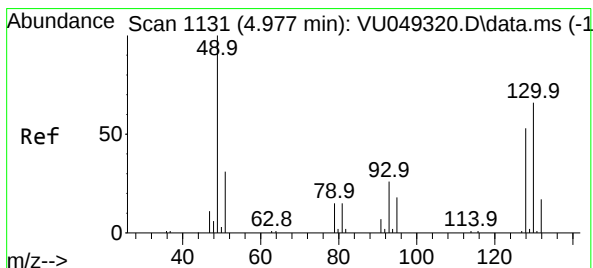
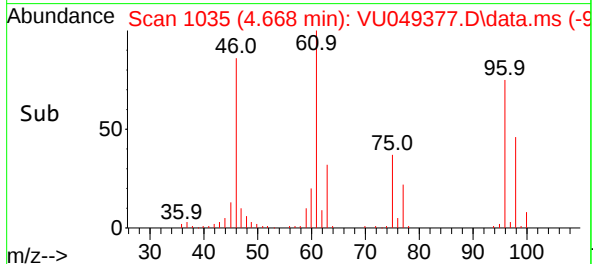
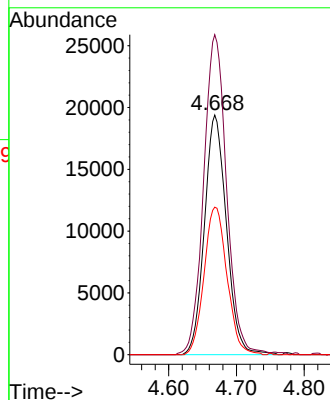
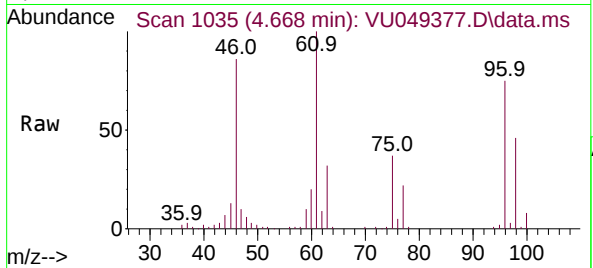




#22
 cis-1,2-Dichloroethene
 Concen: 4.956 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049377.D
 Acq: 24 Jun 2022 09:59

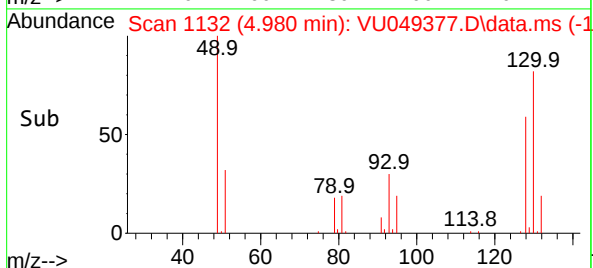
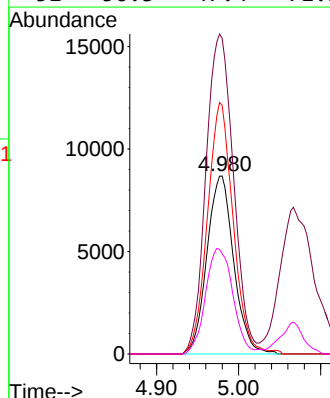
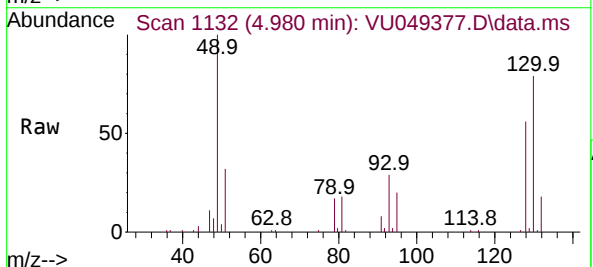
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

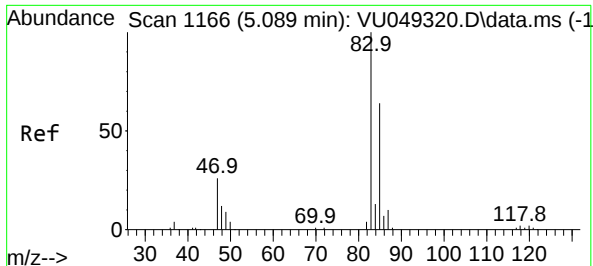
Tgt Ion:	96	Resp:	43815
Ion	Ratio	Lower	Upper
96	100		
61	133.5	99.5	184.9
98	61.5	44.8	83.2



#23
 Bromochloromethane
 Concen: 5.201 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.003 min
 Lab File: VU049377.D
 Acq: 24 Jun 2022 09:59

Tgt Ion:	128	Resp:	19682
Ion	Ratio	Lower	Upper
128	100		
49	177.4	131.6	244.4
130	139.8	86.9	161.5
51	56.3	47.4	71.2





#25

Chloroform

Concen: 4.967 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

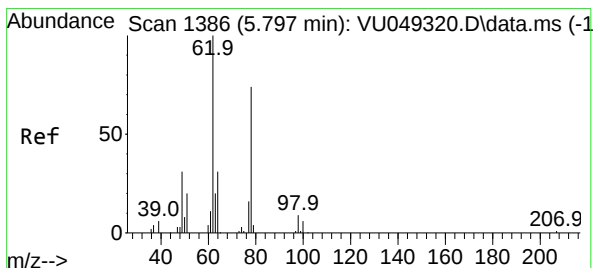
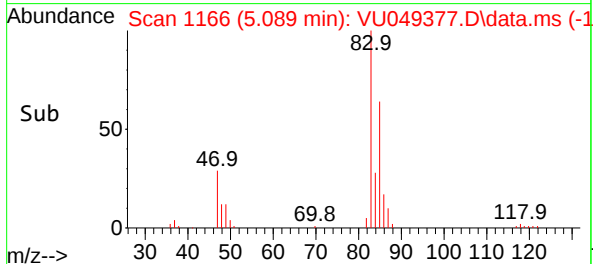
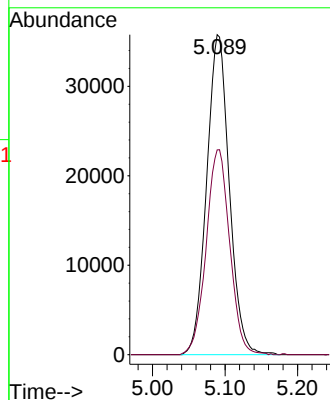
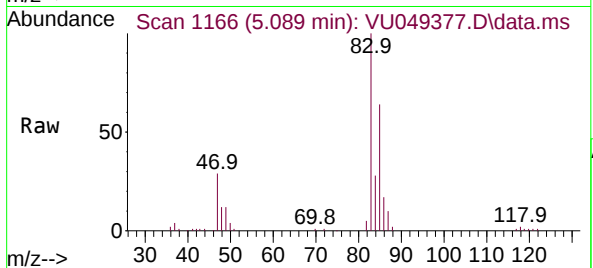
VSTD005124

Tgt Ion: 83 Resp: 77716

Ion Ratio Lower Upper

83 100

85 64.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.261 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049377.D

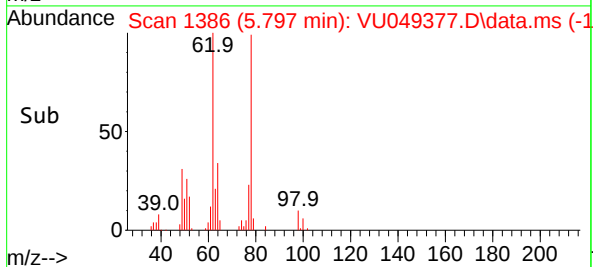
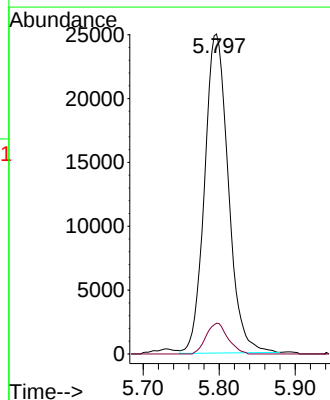
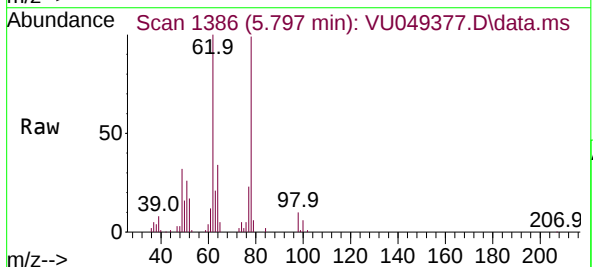
Acq: 24 Jun 2022 09:59

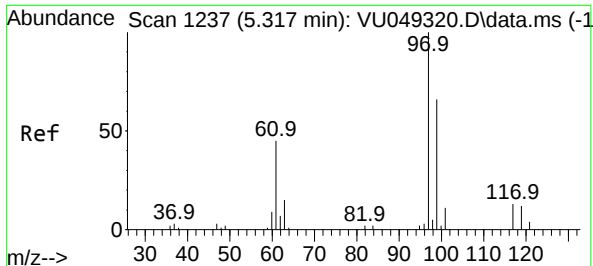
Tgt Ion: 62 Resp: 54215

Ion Ratio Lower Upper

62 100

98 9.6 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.856 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD005124

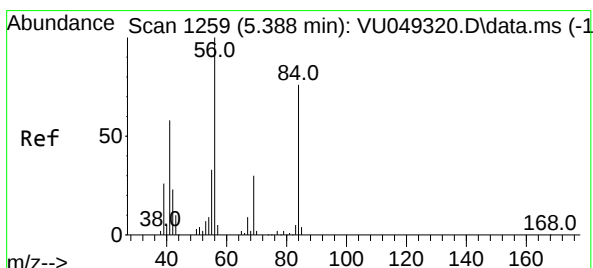
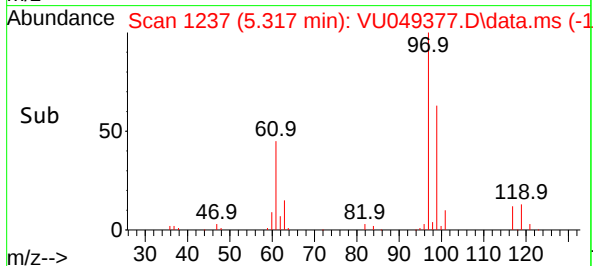
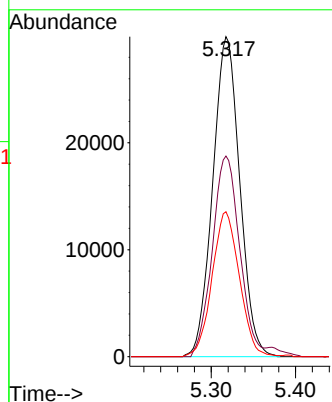
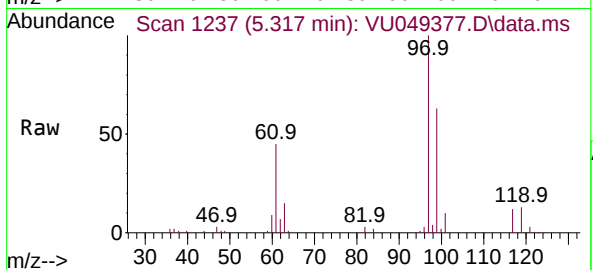
Tgt Ion: 97 Resp: 66639

Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.4

61 45.9 36.2 54.4



#30

Cyclohexane

Concen: 4.454 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

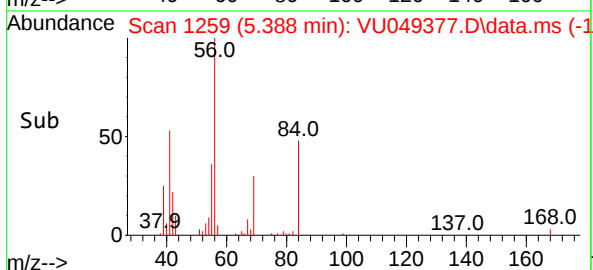
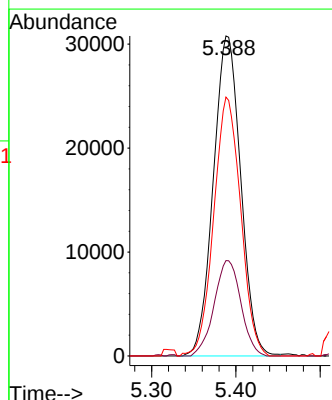
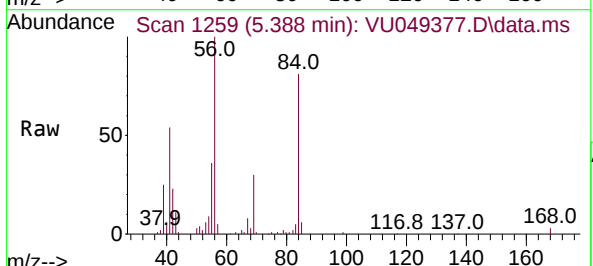
Tgt Ion: 56 Resp: 69469

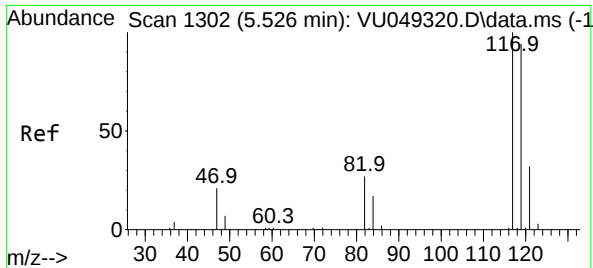
Ion Ratio Lower Upper

56 100

69 29.1 23.8 35.6

84 79.5 61.2 91.8

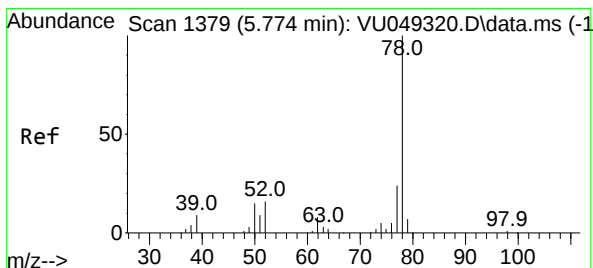
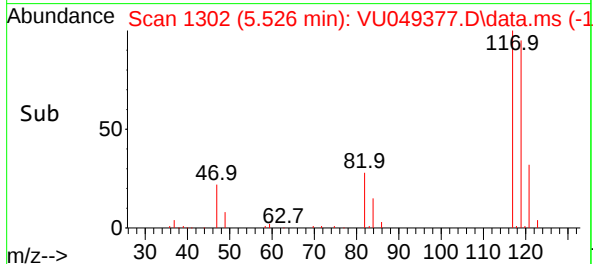
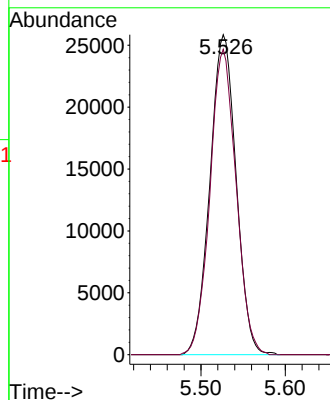
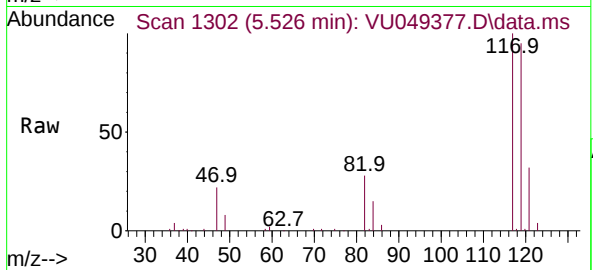




#31
Carbon tetrachloride
Concen: 4.861 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

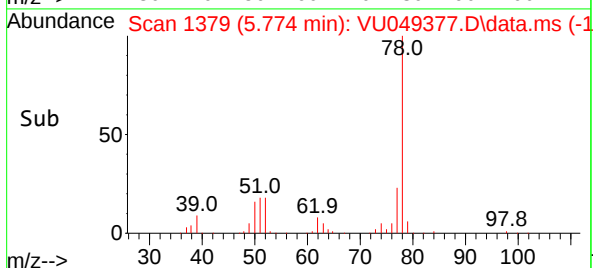
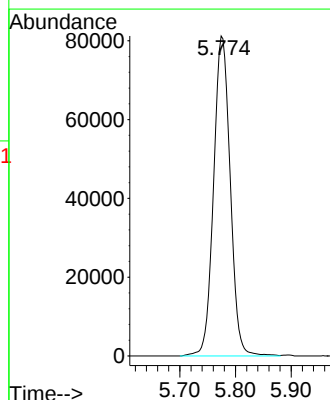
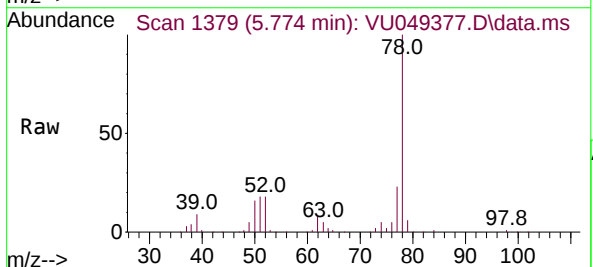
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

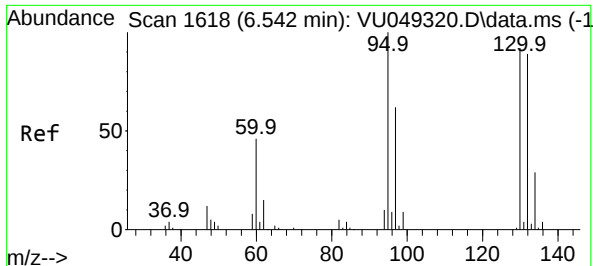
Tgt Ion:117 Resp: 55852
Ion Ratio Lower Upper
117 100
119 95.1 78.3 117.5



#33
Benzene
Concen: 4.938 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 78 Resp: 168751

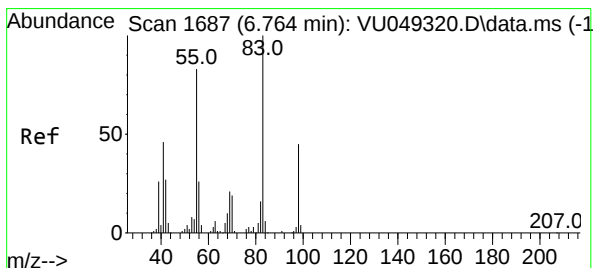
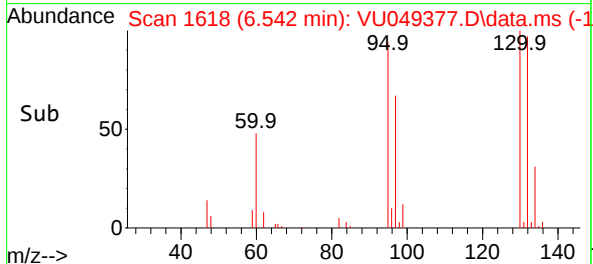
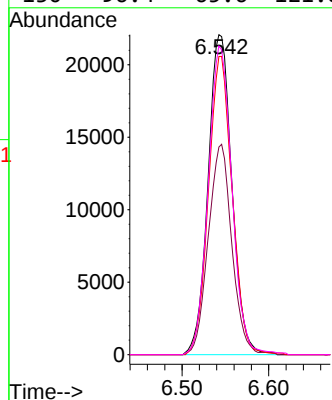
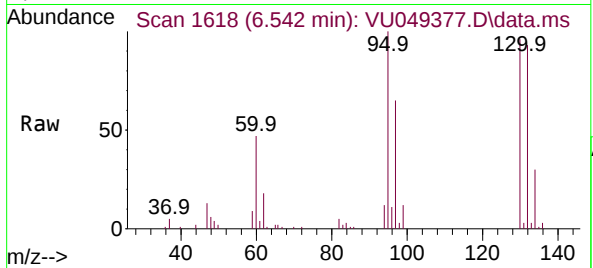




#34
Trichloroethene
Concen: 4.846 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

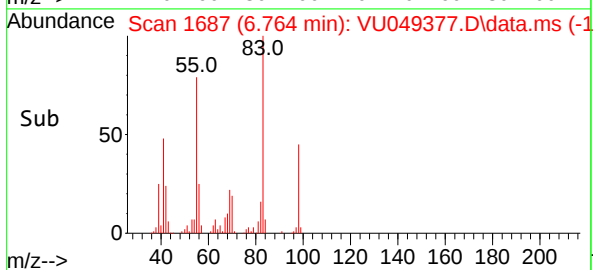
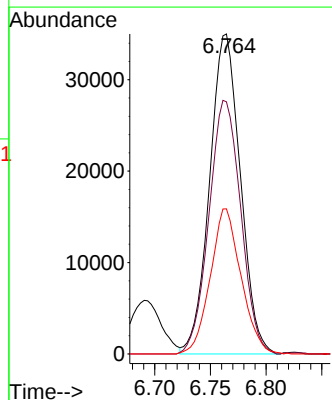
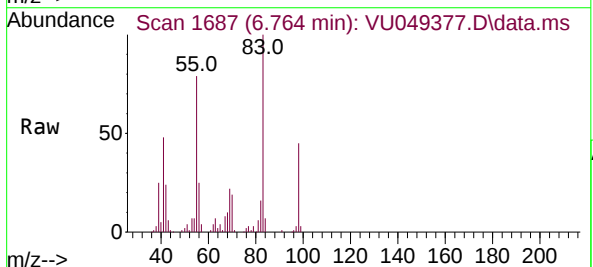
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

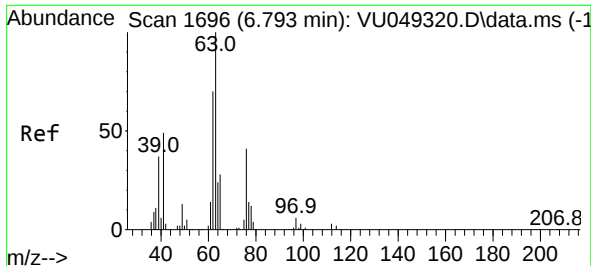
Tgt Ion: 95 Resp: 42327
Ion Ratio Lower Upper
95 100
97 64.9 45.3 84.1
132 93.2 61.5 114.3
130 96.4 65.6 121.8



#35
Methylcyclohexane
Concen: 4.589 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 83 Resp: 67223
Ion Ratio Lower Upper
83 100
55 82.0 66.9 100.3
98 45.4 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.101 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

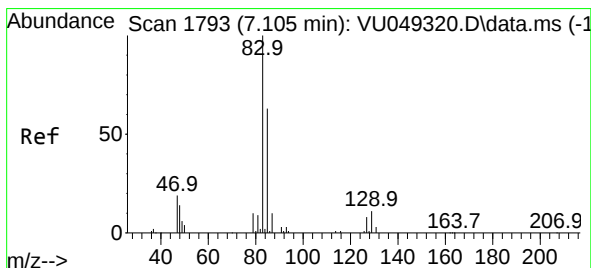
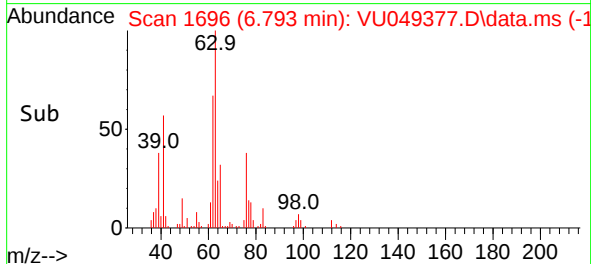
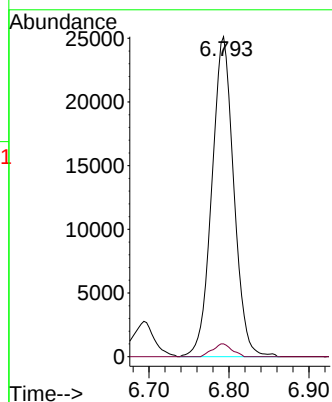
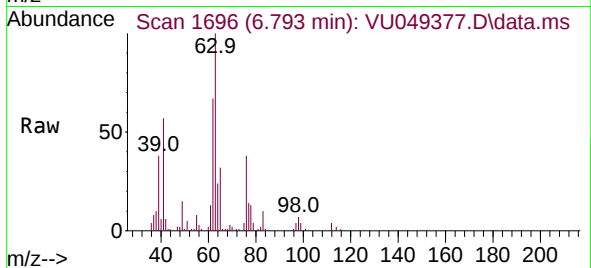
VSTD005124

Tgt Ion: 63 Resp: 47892

Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



#38

Bromodichloromethane

Concen: 5.059 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

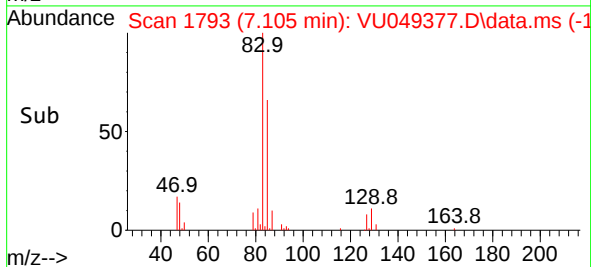
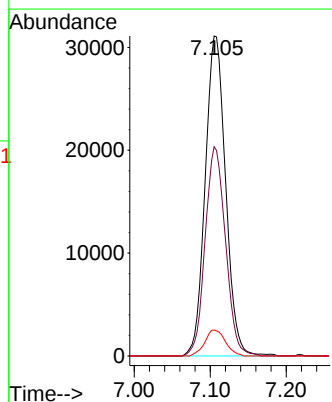
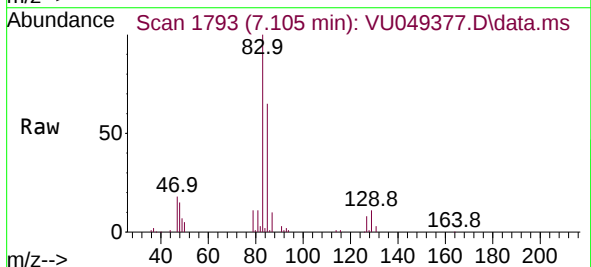
Tgt Ion: 83 Resp: 58062

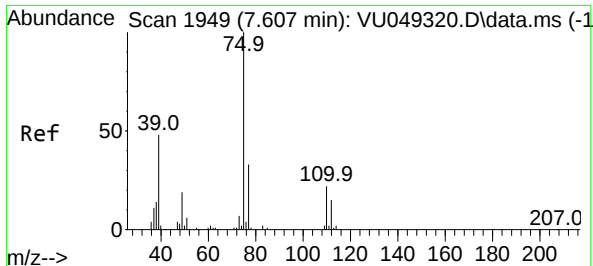
Ion Ratio Lower Upper

83 100

85 65.4 45.5 84.5

127 8.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.679 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

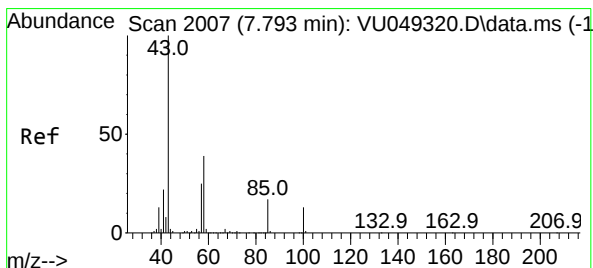
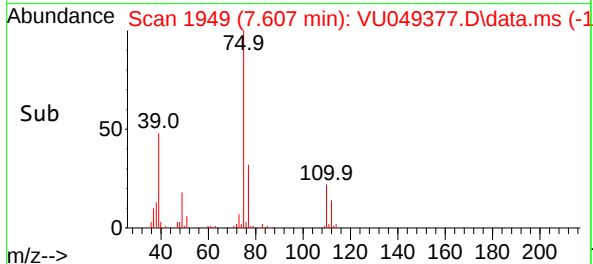
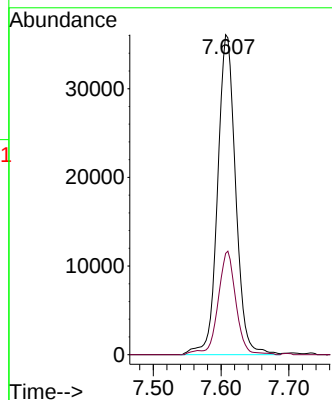
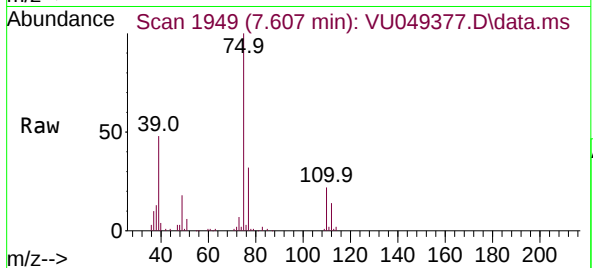
VSTD005124

Tgt Ion: 75 Resp: 66778

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 56.358 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

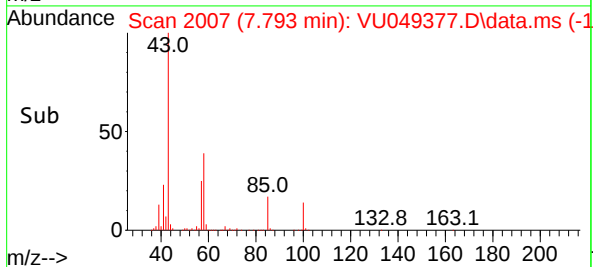
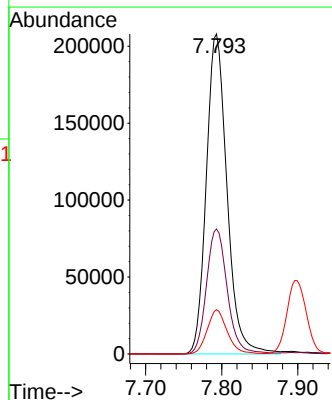
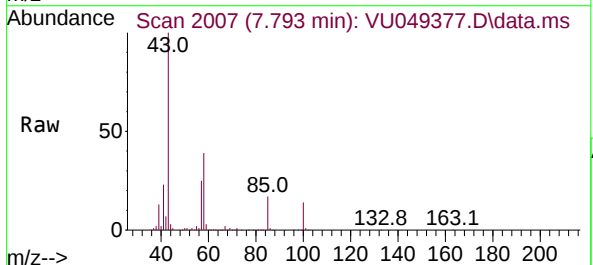
Tgt Ion: 43 Resp: 393142

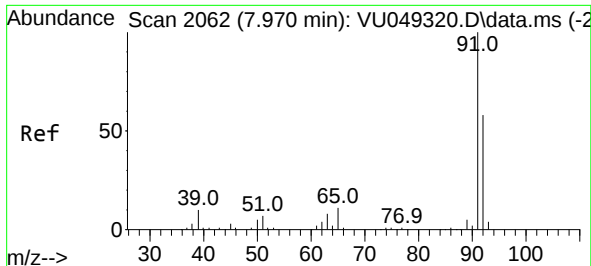
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 13.4 10.5 15.7





#42

Toluene

Concen: 4.847 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

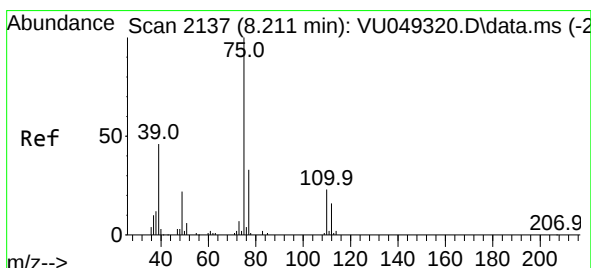
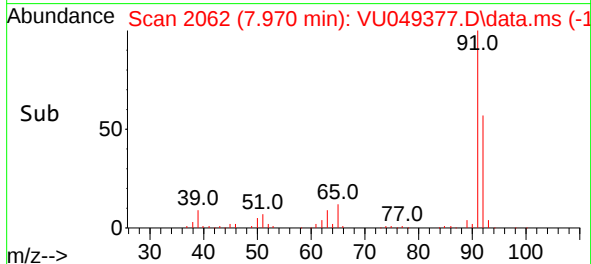
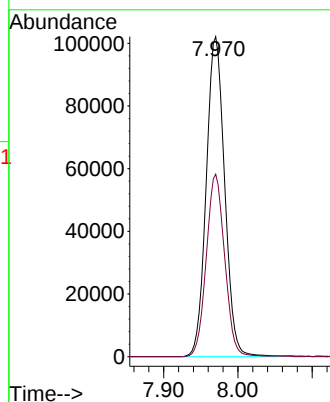
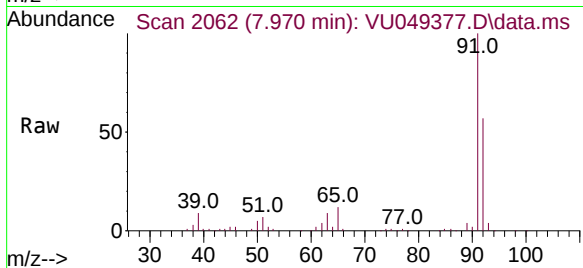
VSTD005124

Tgt Ion: 91 Resp: 175630

Ion Ratio Lower Upper

91 100

92 57.0 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 4.731 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049377.D

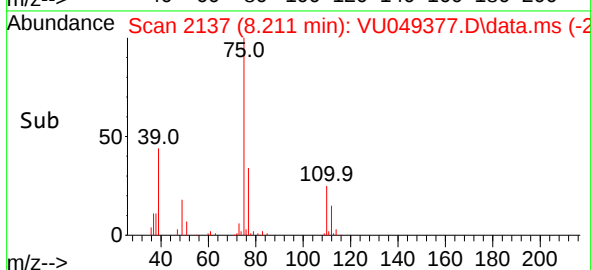
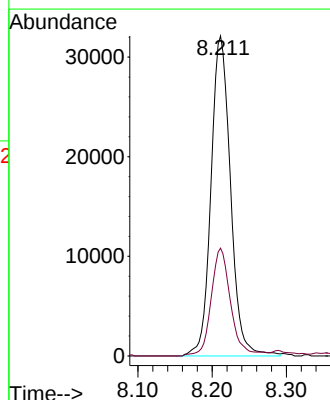
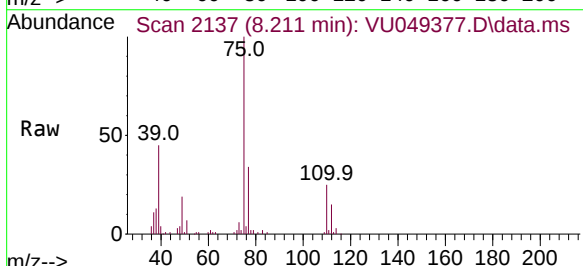
Acq: 24 Jun 2022 09:59

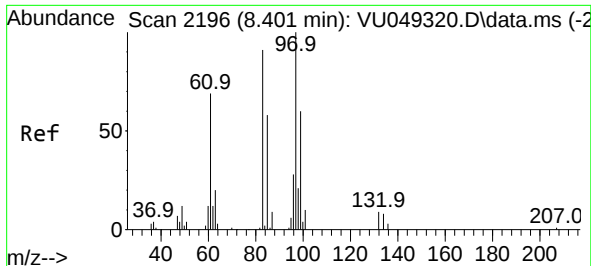
Tgt Ion: 75 Resp: 58647

Ion Ratio Lower Upper

75 100

77 33.7 21.1 39.3

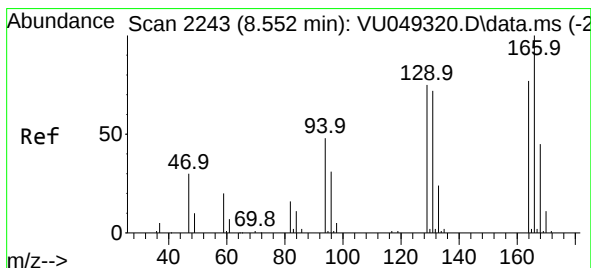
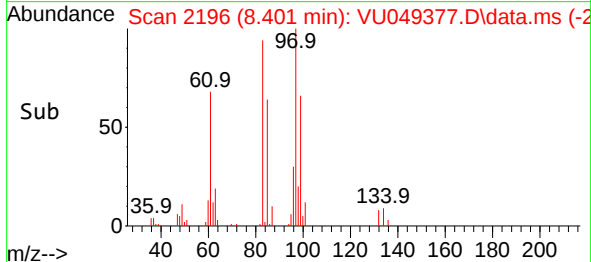
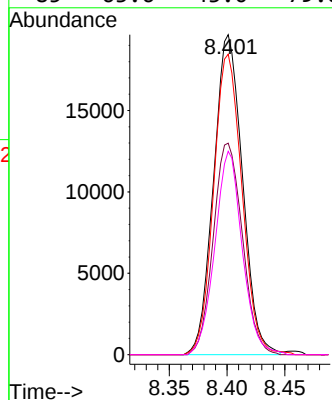
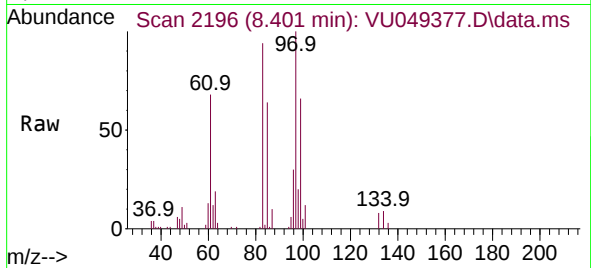




#45
1,1,2-Trichloroethane
Concen: 5.216 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

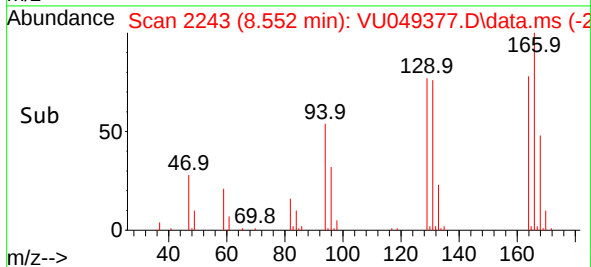
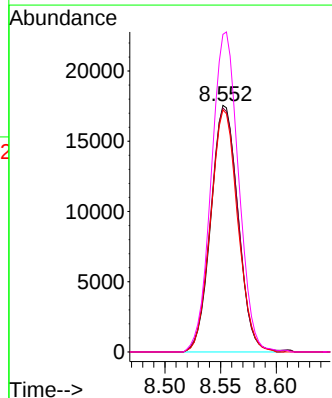
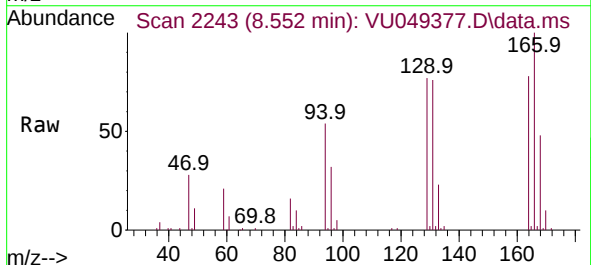
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

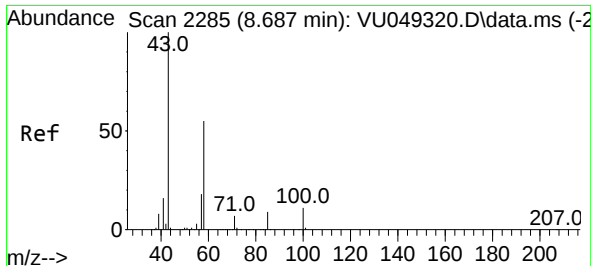
Tgt Ion: 97	Resp: 34142
Ion Ratio	Lower Upper
97 100	
99 66.1	45.6 84.8
83 93.9	65.4 121.4
85 63.6	43.0 79.8



#47
Tetrachloroethene
Concen: 4.916 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion:164	Resp: 29611		
Ion	Ratio	Lower	Upper
164	100		
129	98.9	69.8	129.6
131	98.1	67.8	125.8
166	128.8	87.3	162.1

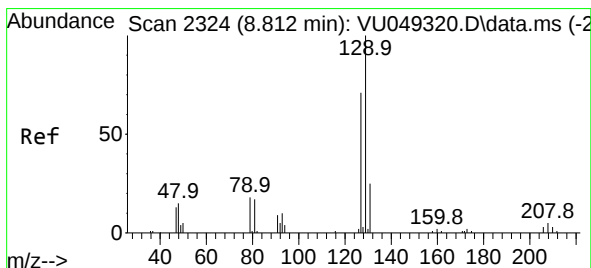
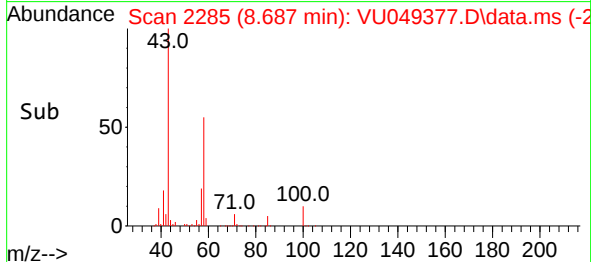
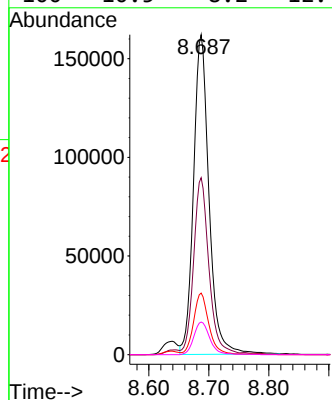
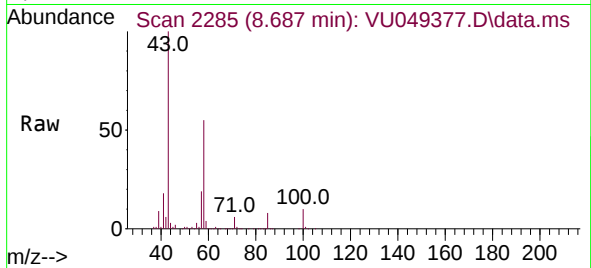




#48
2-Hexanone
Concen: 58.449 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

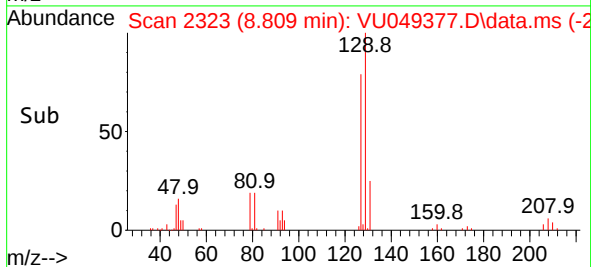
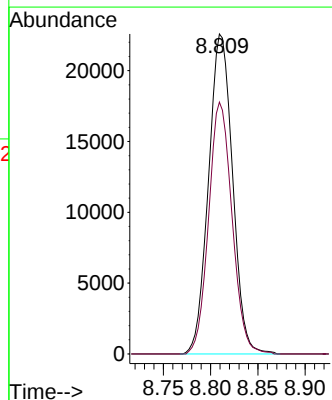
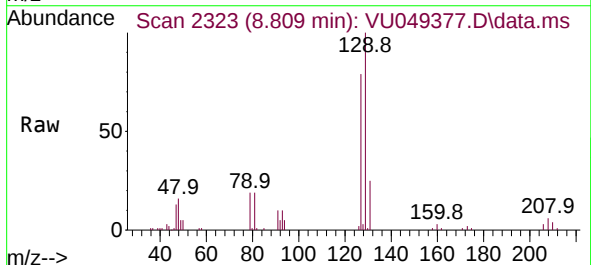
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

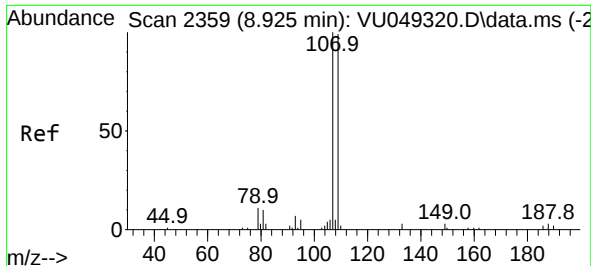
Tgt Ion: 43 Resp: 291018
Ion Ratio Lower Upper
43 100
58 53.4 43.4 65.0
57 18.7 14.9 22.3
100 10.5 8.2 12.4



#49
Dibromochloromethane
Concen: 5.348 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 129 Resp: 39939
Ion Ratio Lower Upper
129 100
127 78.7 54.9 101.9

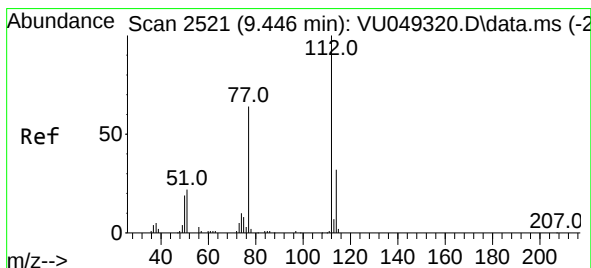
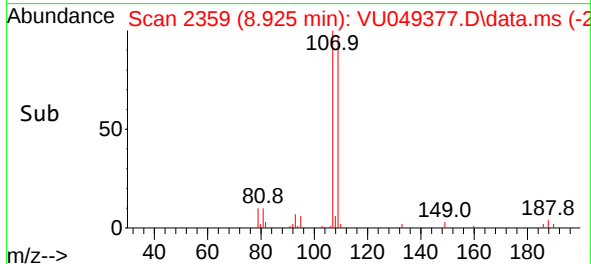
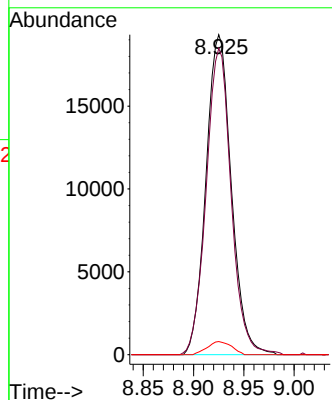
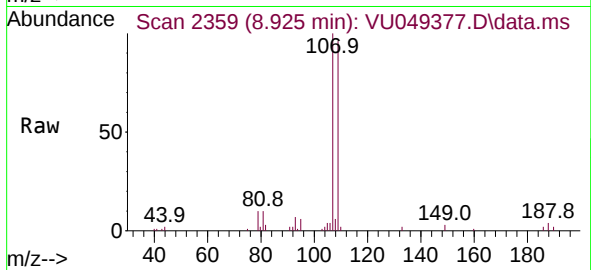




#50
1,2-Dibromoethane
Concen: 5.581 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

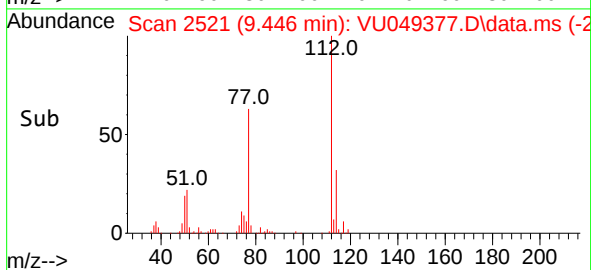
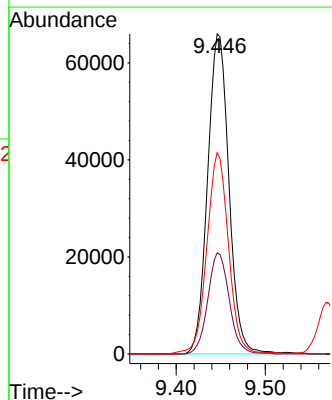
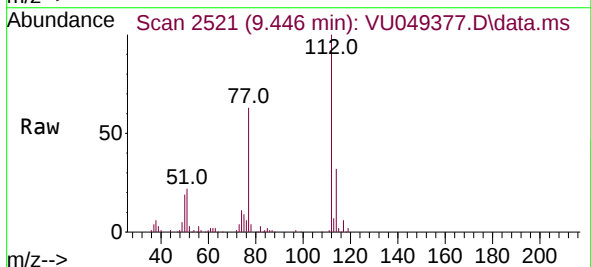
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

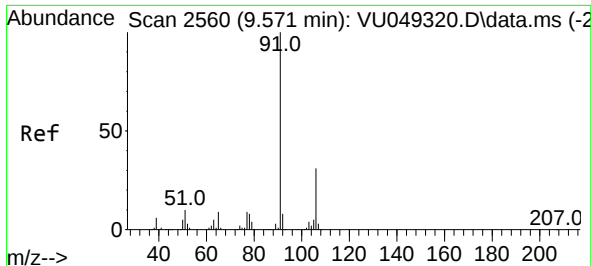
Tgt Ion:107 Resp: 33867
Ion Ratio Lower Upper
107 100
109 95.8 64.4 119.6
188 4.1 2.9 4.3



#51
Chlorobenzene
Concen: 4.966 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion:112 Resp: 109563
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.3
77 62.9 51.0 76.6

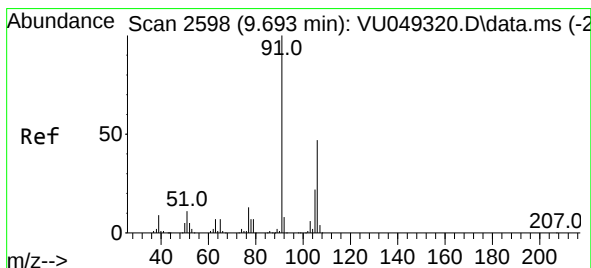
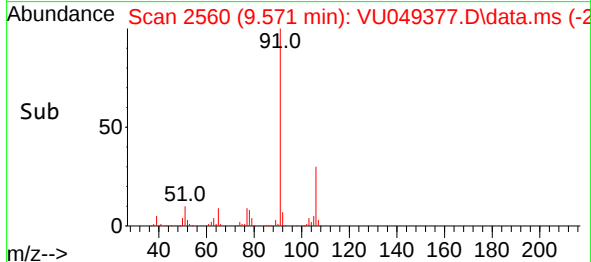
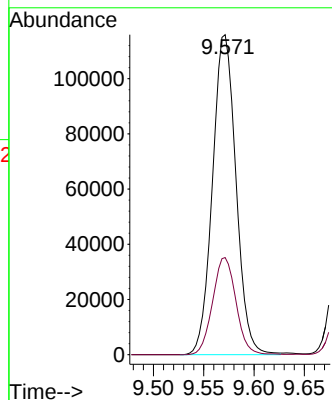
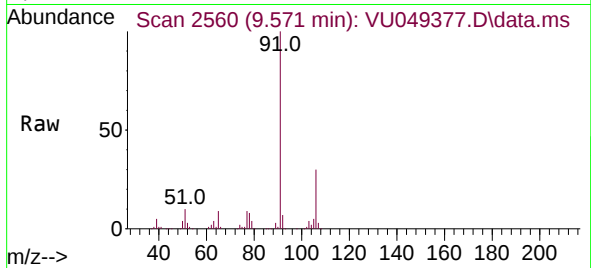




#52
Ethylbenzene
Concen: 4.759 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

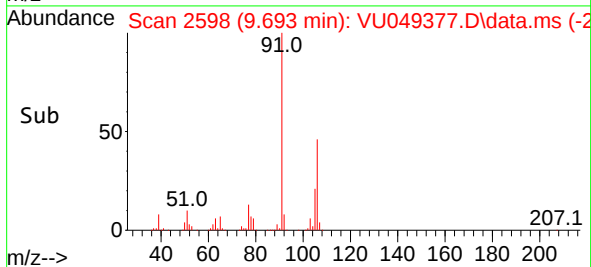
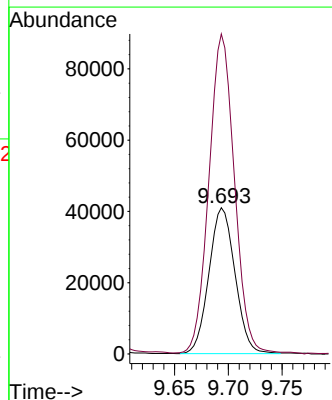
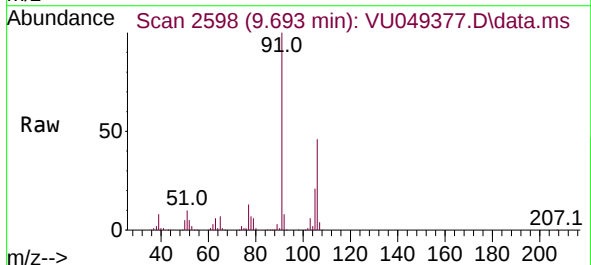
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

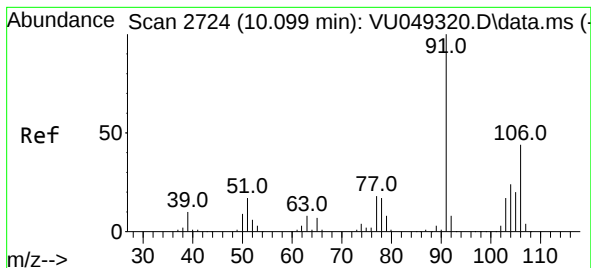
Tgt Ion: 91 Resp: 188355
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 4.697 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 106 Resp: 69078
Ion Ratio Lower Upper
106 100
91 218.9 148.5 275.7





#54

o-Xylene

Concen: 4.716 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

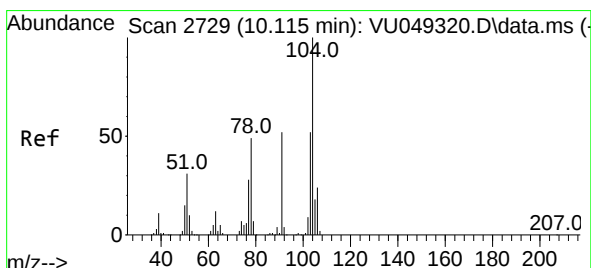
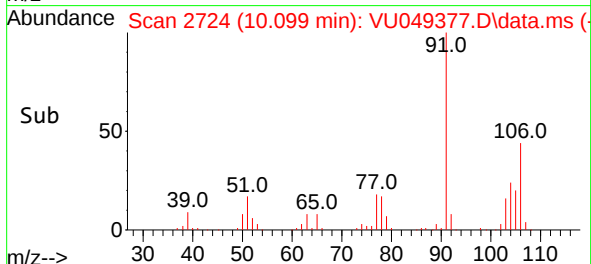
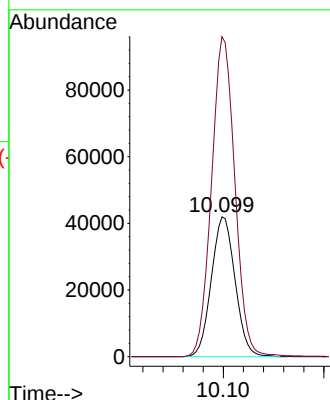
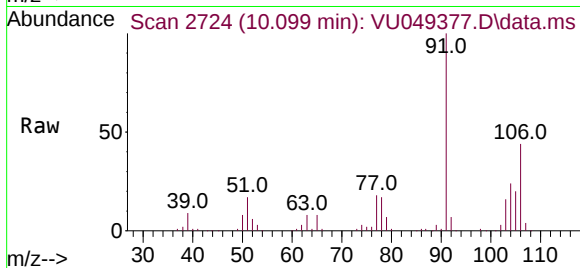
VSTD005124

Tgt Ion:106 Resp: 68761

Ion Ratio Lower Upper

106 100

91 228.9 157.5 292.5



#55

Styrene

Concen: 4.755 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049377.D

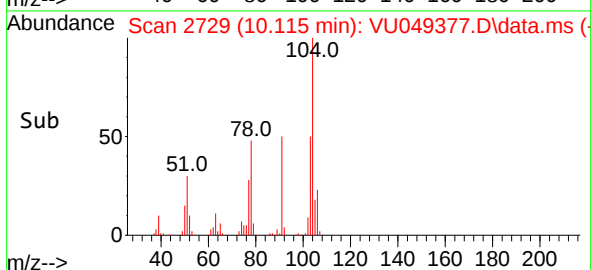
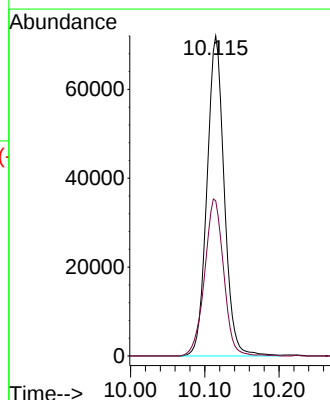
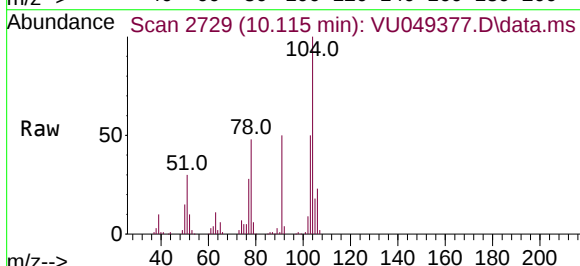
Acq: 24 Jun 2022 09:59

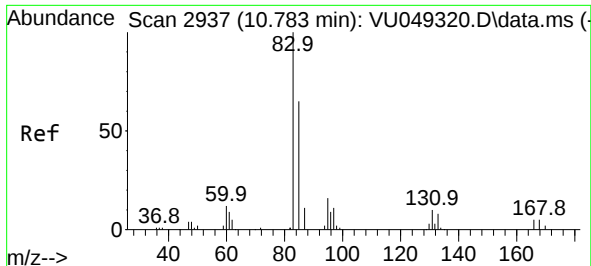
Tgt Ion:104 Resp: 116115

Ion Ratio Lower Upper

104 100

78 48.5 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.640 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD005124

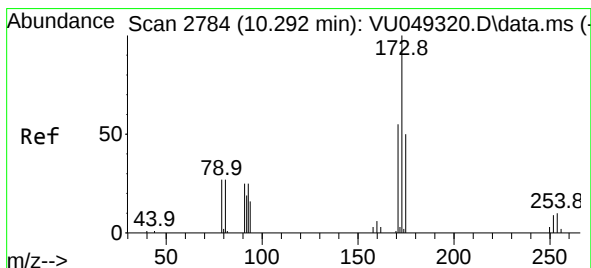
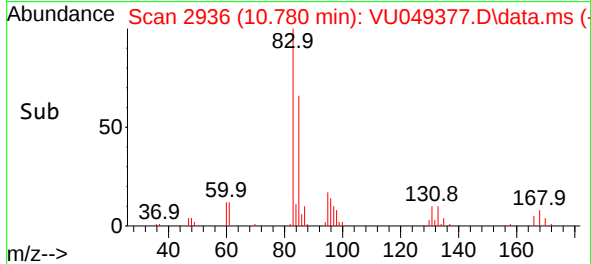
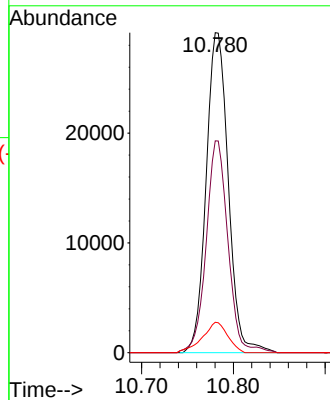
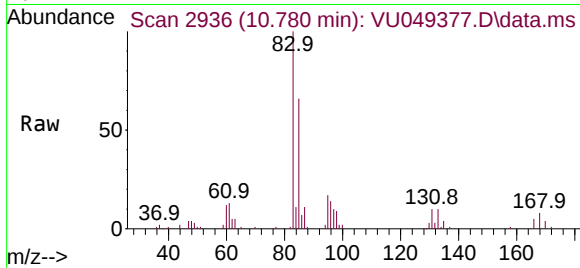
Tgt Ion: 83 Resp: 48859

Ion Ratio Lower Upper

83 100

85 66.2 45.4 84.4

131 9.5 7.1 10.7



#59

Bromoform

Concen: 5.309 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

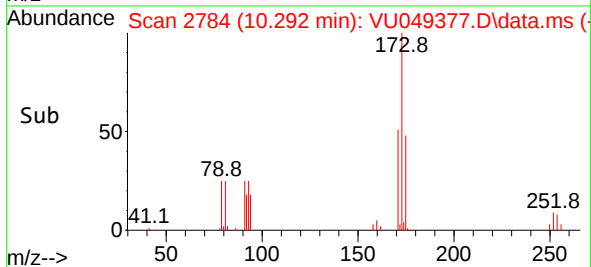
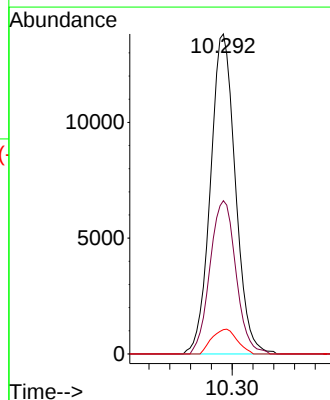
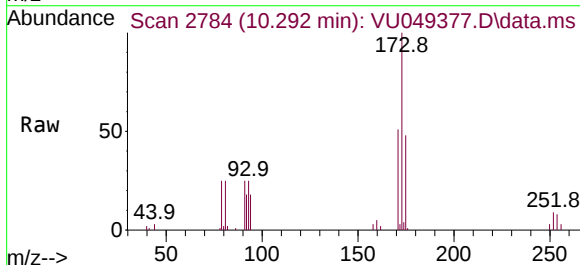
Tgt Ion:173 Resp: 22978

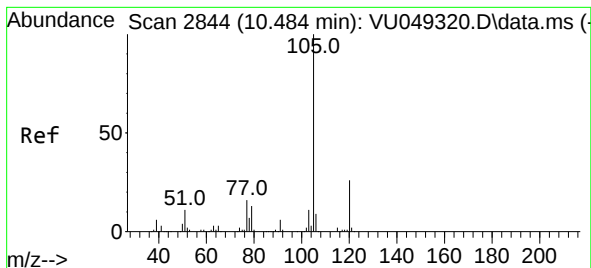
Ion Ratio Lower Upper

173 100

175 49.9 37.9 56.9

254 7.8 6.6 9.8





#60

Isopropylbenzene

Concen: 4.663 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD005124

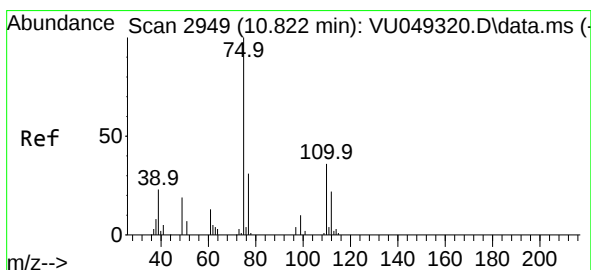
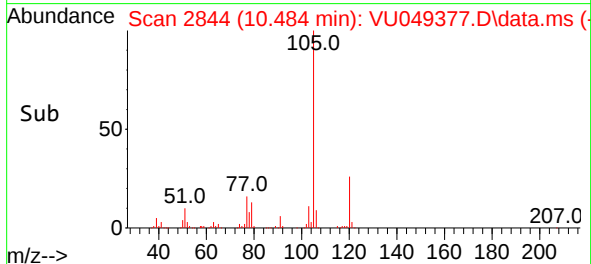
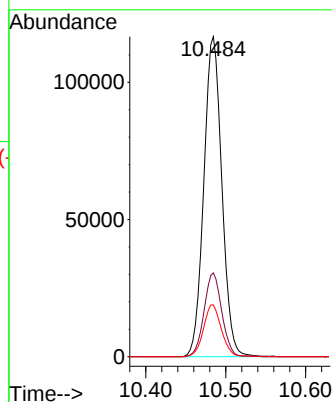
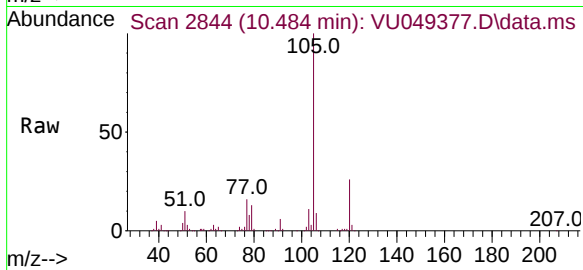
Tgt Ion:105 Resp: 183038

Ion Ratio Lower Upper

105 100

120 25.8 20.3 30.5

77 16.1 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.644 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU049377.D

Acq: 24 Jun 2022 09:59

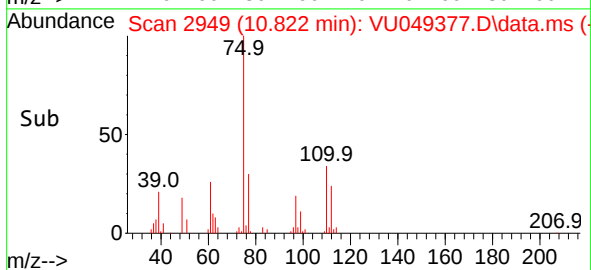
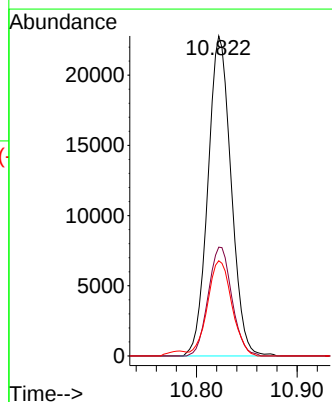
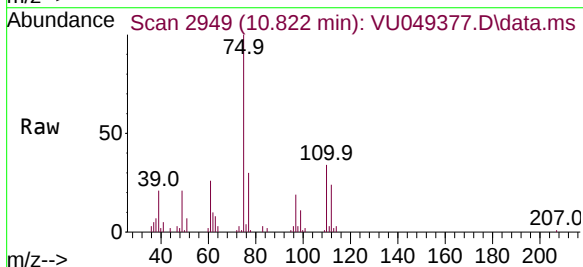
Tgt Ion: 75 Resp: 36494

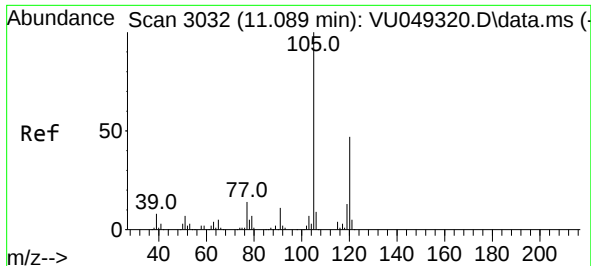
Ion Ratio Lower Upper

75 100

110 34.7 29.0 43.4

77 31.3 26.2 39.2

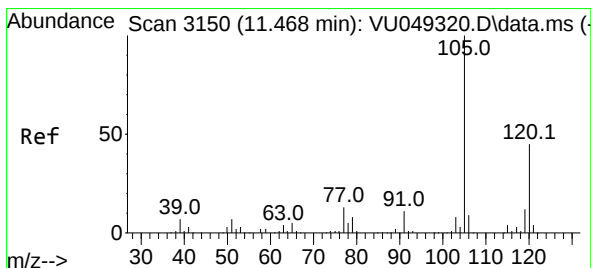
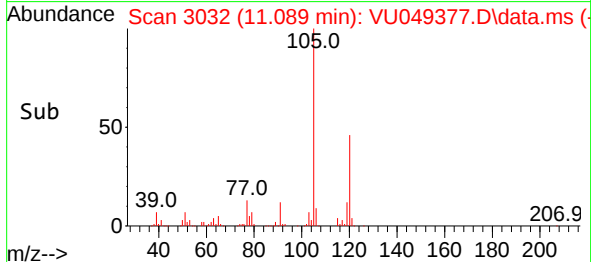
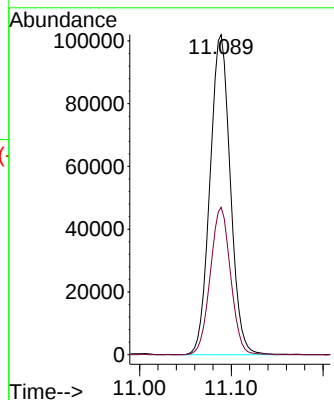
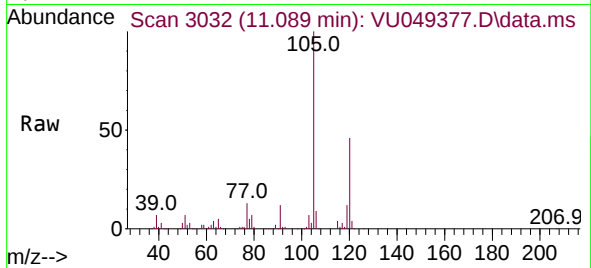




#62
 1,3,5-Trimethylbenzene
 Concen: 4.525 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049377.D
 Acq: 24 Jun 2022 09:59

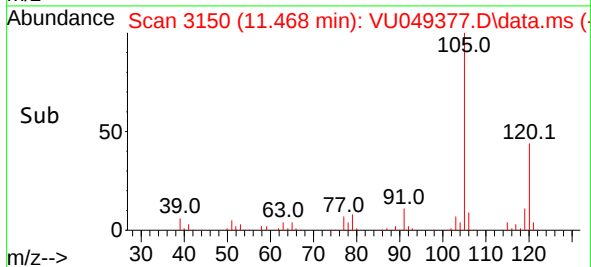
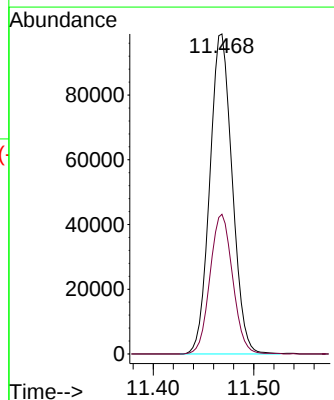
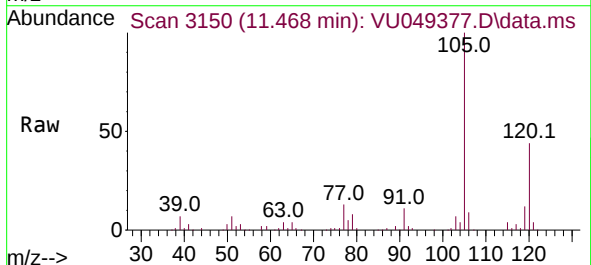
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

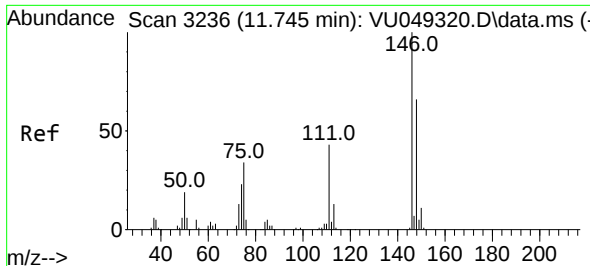
Tgt Ion:105 Resp: 156769
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 4.464 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049377.D
 Acq: 24 Jun 2022 09:59

Tgt Ion:105 Resp: 153218
 Ion Ratio Lower Upper
 105 100
 120 44.1 34.6 52.0

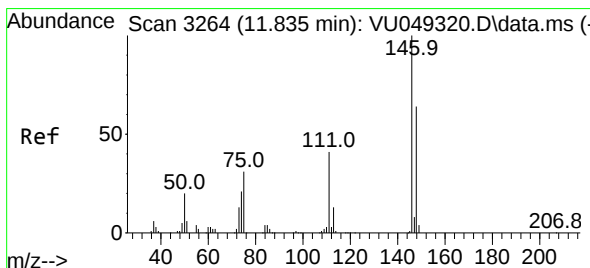
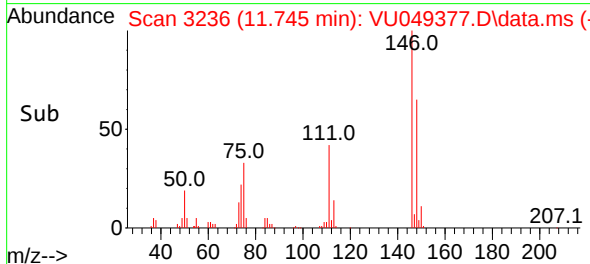
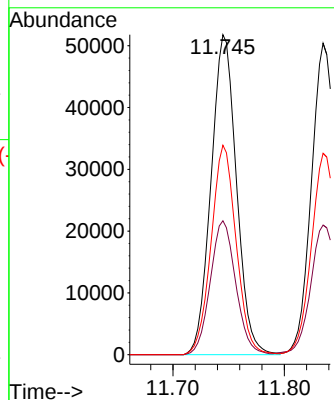
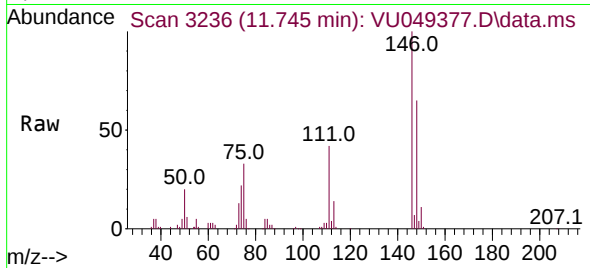




#64
1,3-Dichlorobenzene
Concen: 4.884 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

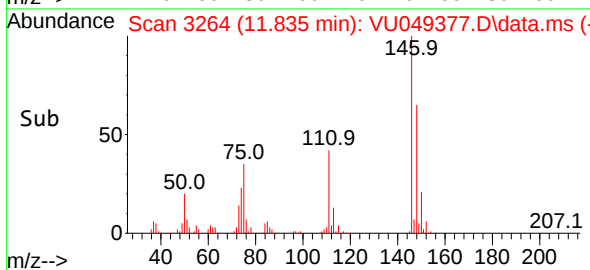
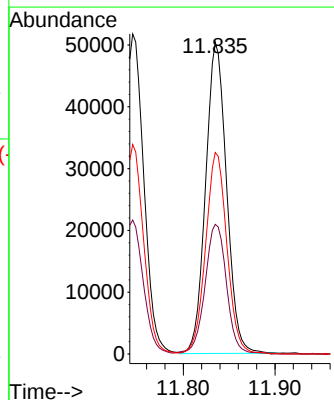
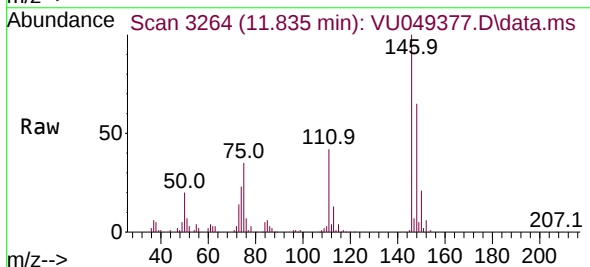
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

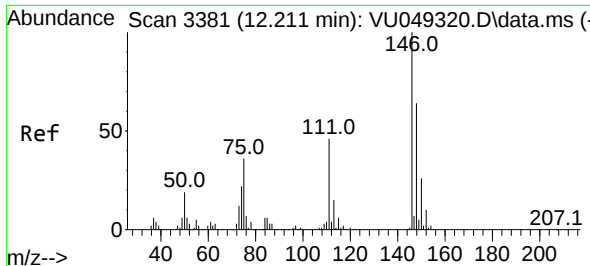
Tgt Ion:146 Resp: 82052
Ion Ratio Lower Upper
146 100
111 41.9 30.9 57.5
148 65.4 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 4.814 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion:146 Resp: 79924
Ion Ratio Lower Upper
146 100
111 41.6 29.8 55.4
148 64.7 44.7 83.1

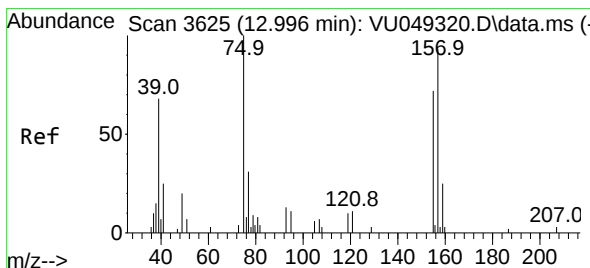
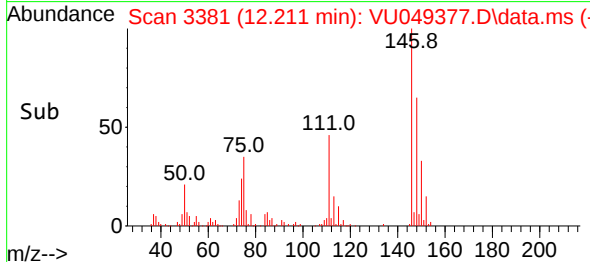
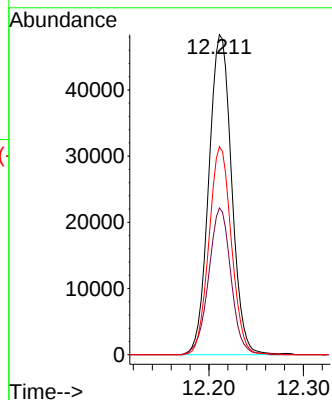
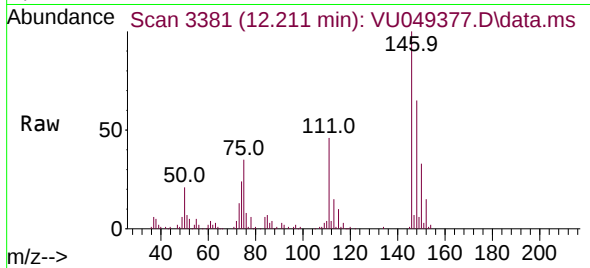




#67
1,2-Dichlorobenzene
Concen: 5.072 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

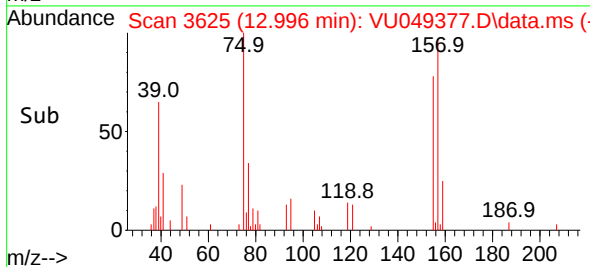
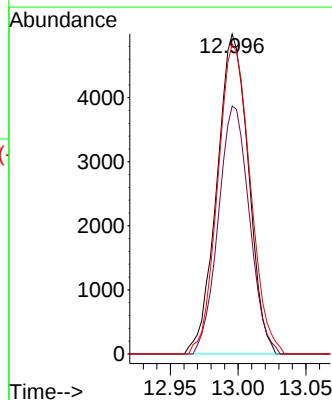
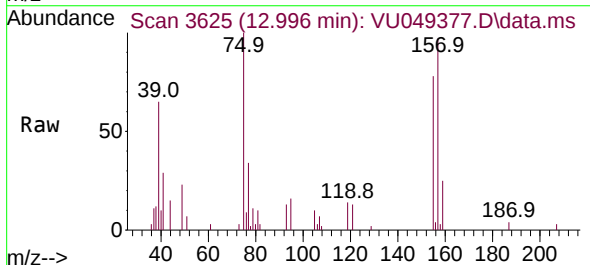
Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

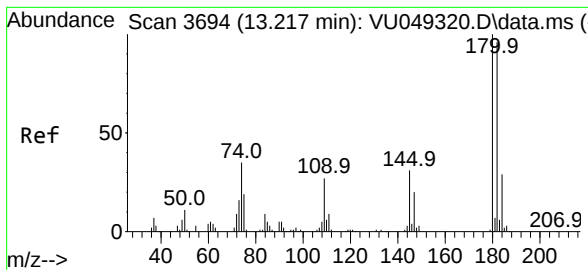
Tgt Ion:146 Resp: 81075
Ion Ratio Lower Upper
146 100
111 45.8 36.6 55.0
148 65.0 52.2 78.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.581 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion: 75 Resp: 8073
Ion Ratio Lower Upper
75 100
155 77.5 52.0 78.0
157 96.9 71.4 107.2

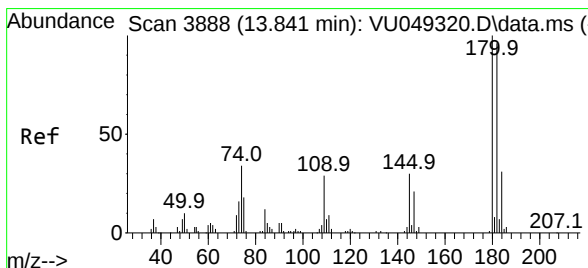
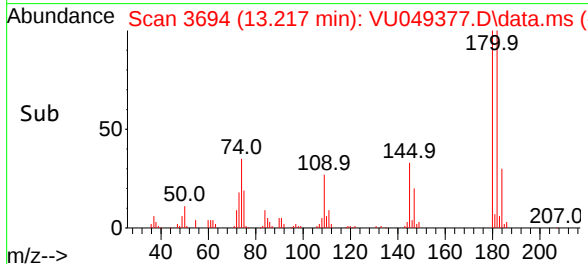
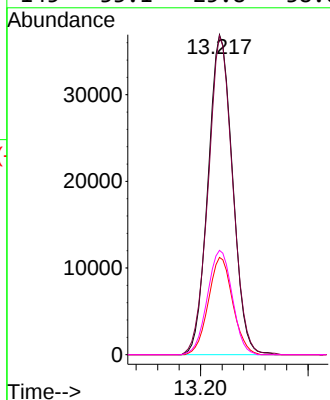
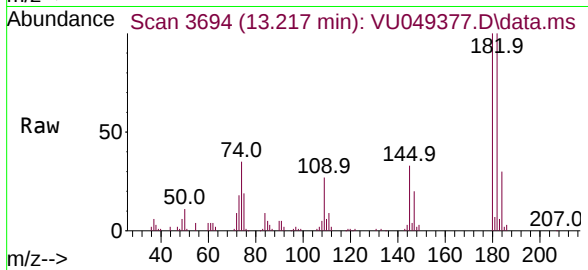




#69
 1,3,5-Trichlorobenzene
 Concen: 4.621 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU049377.D
 Acq: 24 Jun 2022 09:59

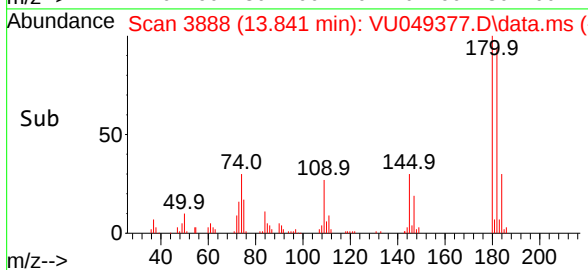
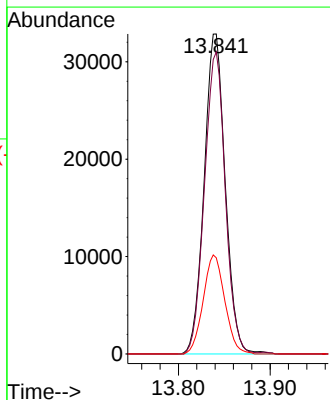
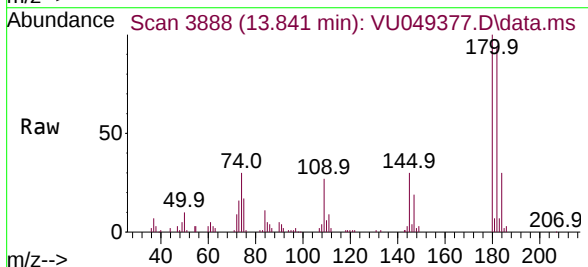
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

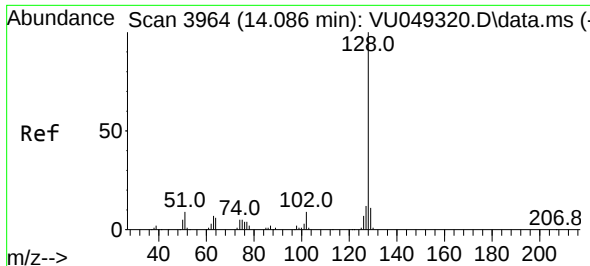
Tgt Ion:180	Resp:	58211
Ion Ratio	Lower	Upper
180	100	
182	99.3	75.0 112.4
184	30.3	23.2 34.8
145	33.1	25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.241 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049377.D
 Acq: 24 Jun 2022 09:59

Tgt Ion:180	Resp:	52482
Ion Ratio	Lower	Upper
180	100	
182	93.1	74.6 112.0
145	31.6	26.1 39.1

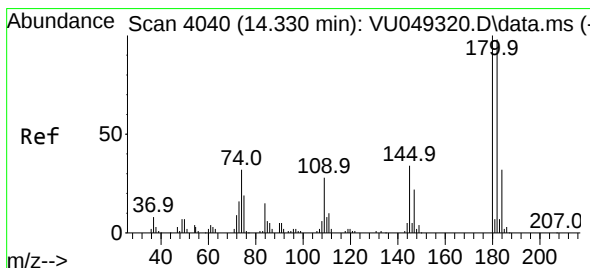
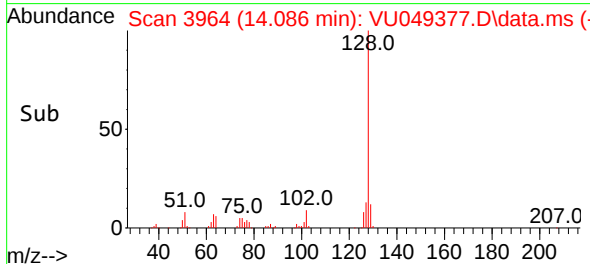
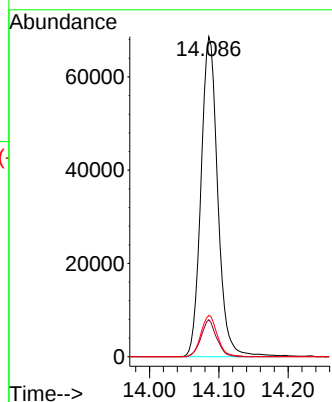
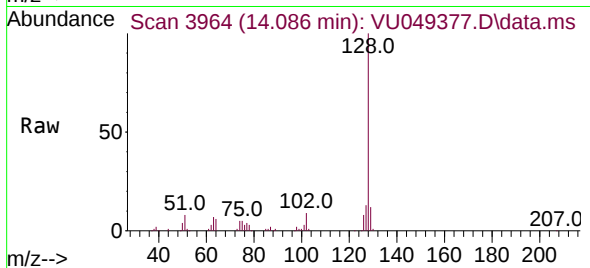




#71
Naphthalene
Concen: 5.800 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

Tgt Ion:128 Resp: 115411
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.288 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049377.D
Acq: 24 Jun 2022 09:59

Tgt Ion:180 Resp: 49787
Ion Ratio Lower Upper
180 100
182 95.7 75.6 113.4
145 33.6 27.9 41.9

