

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024409.D
 Acq On : 20 Jan 2022 11:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050396

Quant Time: Jan 21 00:00:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 20 01:01:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	240940	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	227514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	130618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85638	49.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.780%
7) Chloroethane-d5	1.568	69	64959	49.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.620%
11) 1,1-Dichloroethene-d2	2.108	63	157291	48.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.060%
21) 2-Butanone-d5	3.879	46	91900	95.125	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.130%
24) Chloroform-d	4.342	84	158483	50.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	5.024	65	103492	48.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
32) Benzene-d6	5.043	84	298821	50.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
36) 1,2-Dichloropropane-d6	6.063	67	84891	51.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	7.310	98	295780	51.454	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.900%
43) trans-1,3-Dichloroprop...	7.616	79	47789	49.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.760%
47) 2-Hexanone-d5	8.085	63	67603	93.516	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	112415	47.276	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.560%
66) 1,2-Dichlorobenzene-d4	11.622	152	127211	48.861	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	94490	48.611	ug/L	99
3) Chloromethane	1.243	50	73809	45.196	ug/L	99
5) Vinyl chloride	1.314	62	77683	44.956	ug/L	97
6) Bromomethane	1.523	94	49988	50.767	ug/L	99
8) Chloroethane	1.584	64	43477	40.763	ug/L	96
9) Trichlorofluoromethane	1.754	101	129962	41.842	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	67734	44.621	ug/L	100
12) 1,1-Dichloroethene	2.117	96	61805	42.113	ug/L #	75
13) Acetone	2.175	43	94537	99.111	ug/L	99
14) Carbon disulfide	2.294	76	173455	40.705	ug/L	100
15) Methyl Acetate	2.429	43	56794	40.938	ug/L	98
16) Methylene chloride	2.507	84	65526	40.999	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	63510	41.995	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	195668	41.981	ug/L	99
19) 1,1-Dichloroethane	3.185	63	105804	42.180	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	69101	42.783	ug/L	98
22) 2-Butanone	3.963	43	86900	85.765	ug/L	96
23) Bromochloromethane	4.243	128	40146	43.138	ug/L	98
25) Chloroform	4.368	83	122886	41.901	ug/L	96

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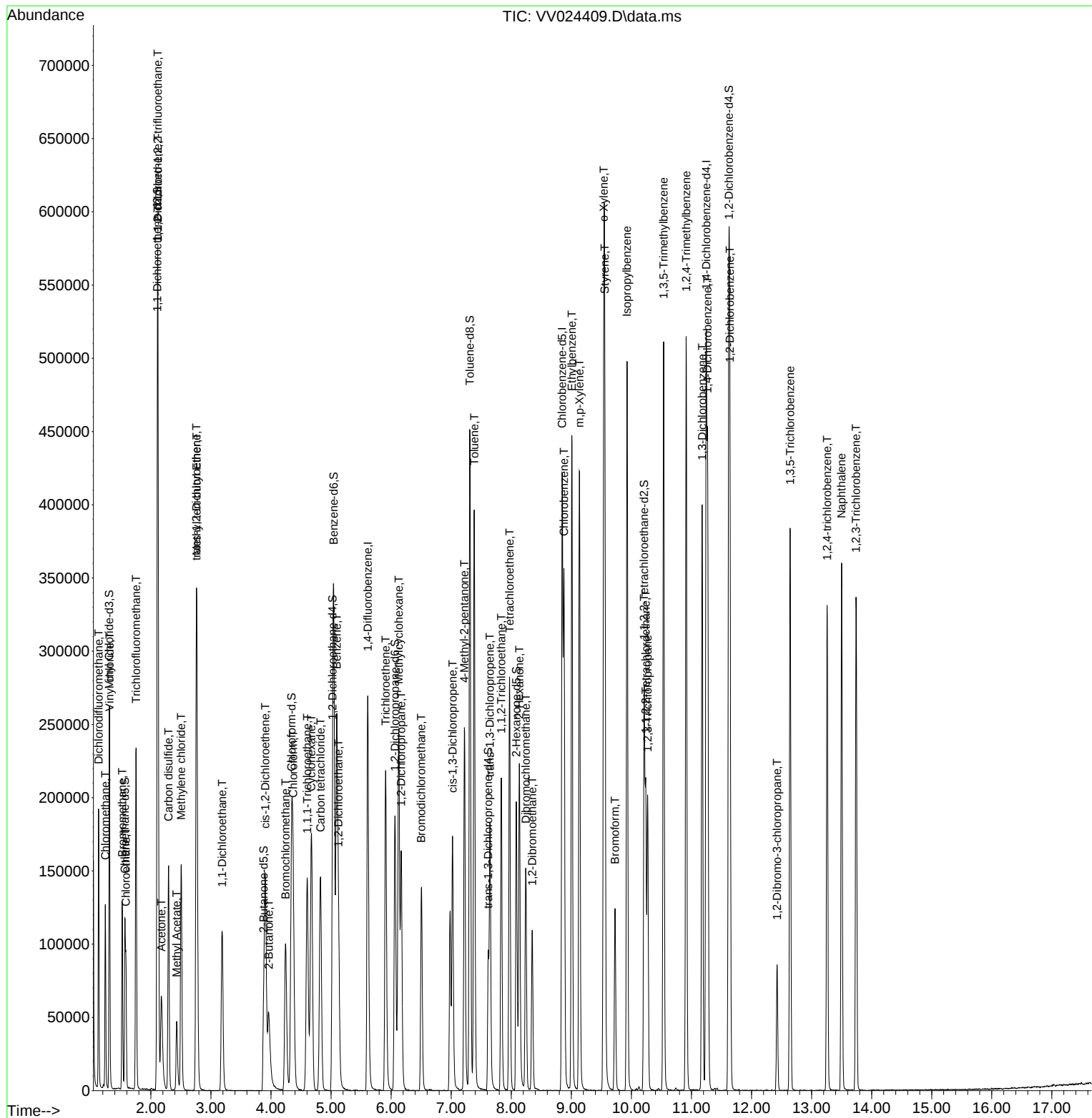
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	95628	40.089	ug/L	98
29) Cyclohexane	4.670	56	92130	45.300	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	116545	41.633	ug/L	99
31) Carbon tetrachloride	4.825	117	108925	41.942	ug/L	100
33) Benzene	5.095	78	250782	43.350	ug/L	100
34) Trichloroethene	5.908	95	70830	44.399	ug/L	99
35) Methylcyclohexane	6.127	83	104437	44.142	ug/L	98
37) 1,2-Dichloropropane	6.169	63	59193	43.502	ug/L	100
38) Bromodichloromethane	6.503	83	88857	41.615	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	97398	42.581	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	150049	84.566	ug/L	99
42) Toluene	7.384	91	287838	44.324	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	100892	43.483	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	65191	42.736	ug/L	97
46) Tetrachloroethene	7.973	164	63917	44.019	ug/L	98
48) 2-Hexanone	8.137	43	131790	92.475	ug/L	98
49) Dibromochloromethane	8.243	129	77041	40.292	ug/L	95
50) 1,2-Dibromoethane	8.349	107	69495	42.416	ug/L	97
51) Chlorobenzene	8.879	112	185519	42.415	ug/L	99
52) Ethylbenzene	9.008	91	306155	44.130	ug/L	100
53) m,p-Xylene	9.136	106	125190	45.019	ug/L	97
54) o-Xylene	9.542	106	117784	44.371	ug/L	98
55) Styrene	9.558	104	204281	44.314	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	87455	39.263	ug/L	97
59) Bromoform	9.728	173	56696	38.066	ug/L	99
60) Isopropylbenzene	9.927	105	314911	43.569	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	74435	38.809	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	271445	43.660	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	272938	43.973	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	161343	43.294	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	163537	42.551	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	159149	41.436	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	19676	35.619	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	122209	42.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	103420	42.186	ug/L	99
71) Naphthalene	13.500	128	279632	39.425	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	103439	40.825	ug/L	99

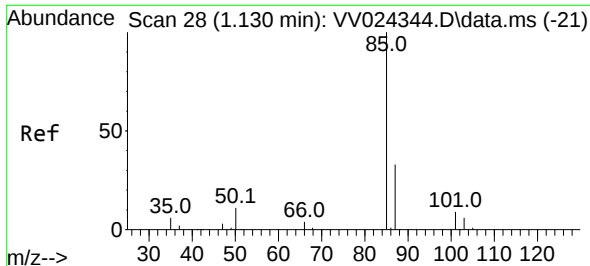
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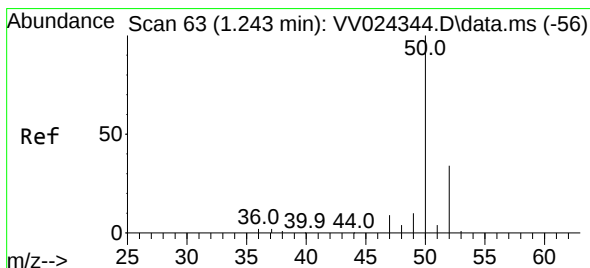
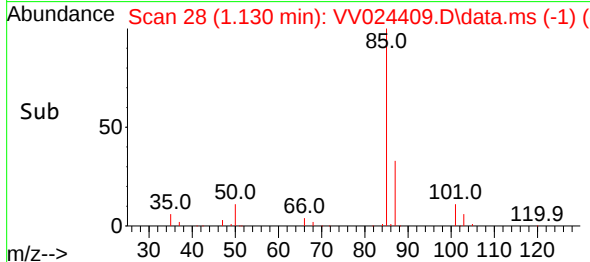
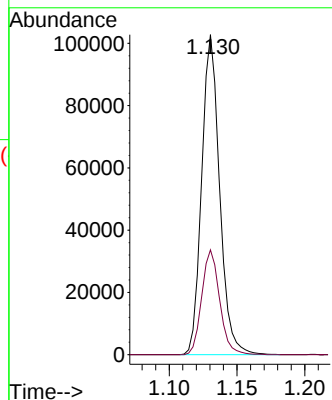
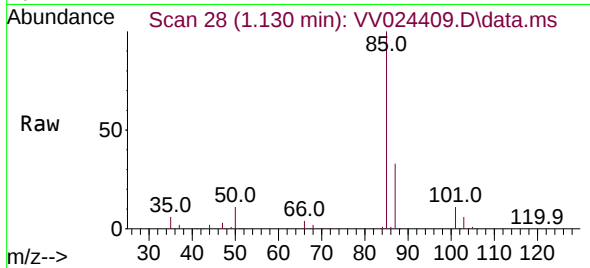




#2
 Dichlorodifluoromethane
 Concen: 48.611 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

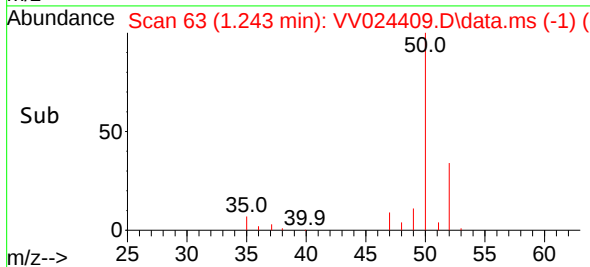
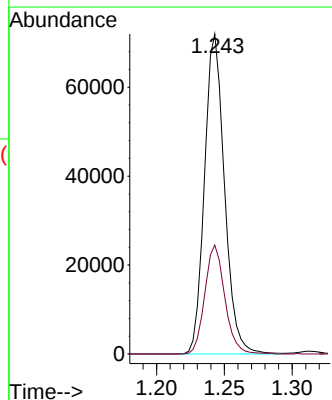
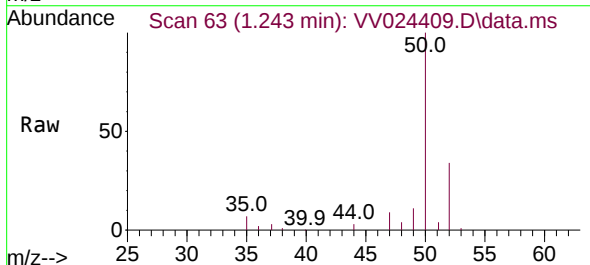
Instrument :
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 ClientSampleId :
 VSTD050396

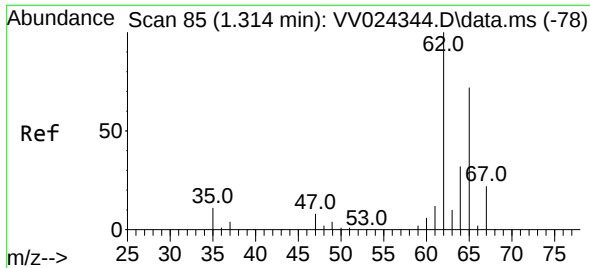
Tgt Ion: 85 Resp: 94490
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 45.196 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

Tgt Ion: 50 Resp: 73809
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.1 44.7

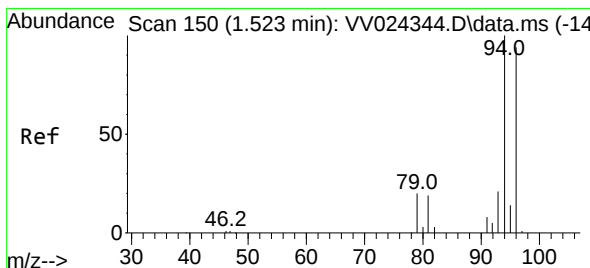
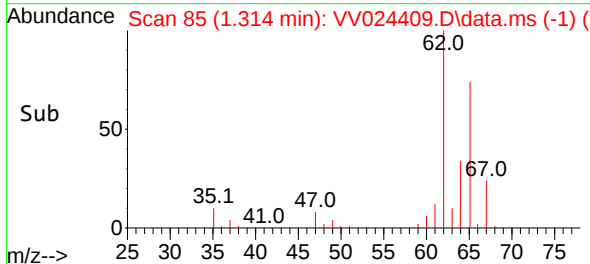
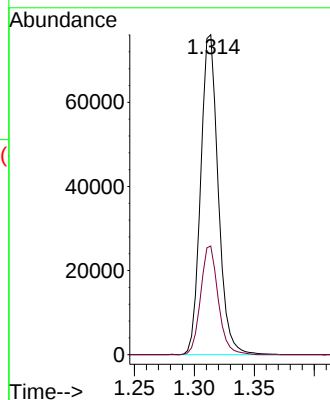
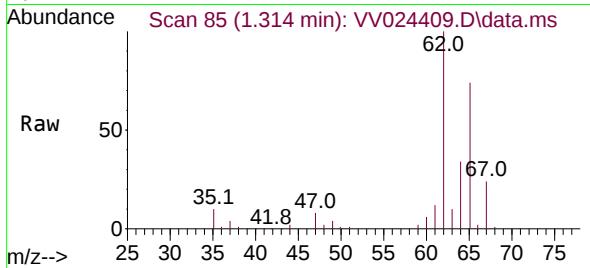




#5
 Vinyl chloride
 Concen: 44.956 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

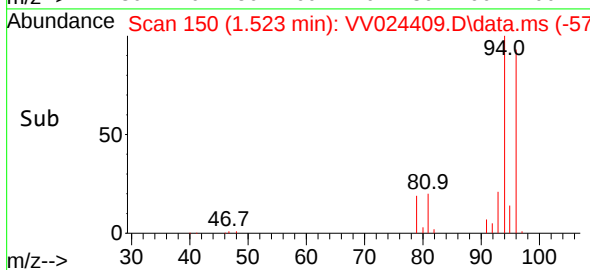
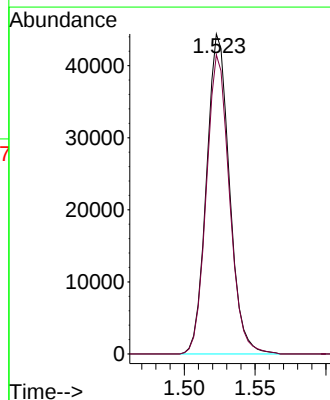
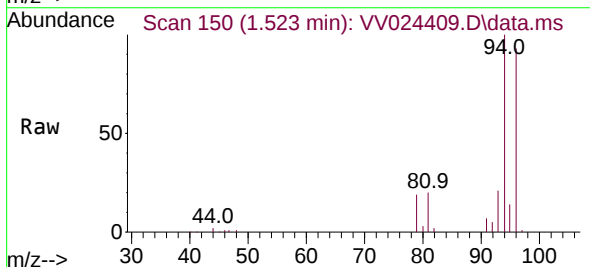
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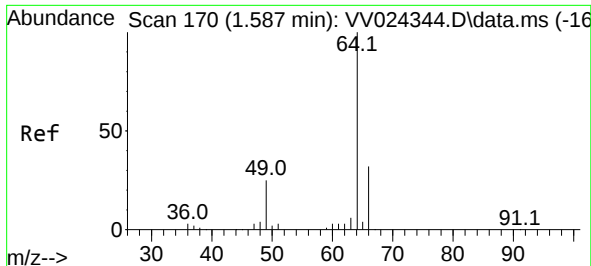
Tgt Ion: 62 Resp: 77683
 Ion Ratio Lower Upper
 62 100
 64 33.9 25.0 46.4



#6
 Bromomethane
 Concen: 50.767 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

Tgt Ion: 94 Resp: 49988
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.0 120.6

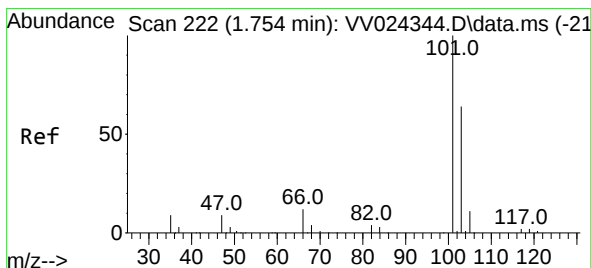
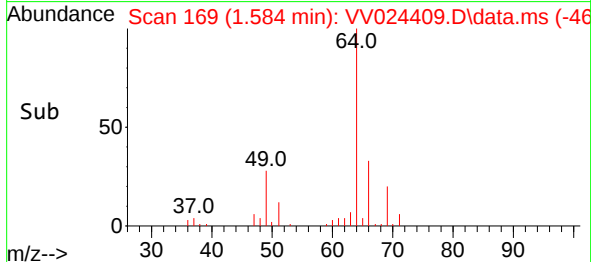
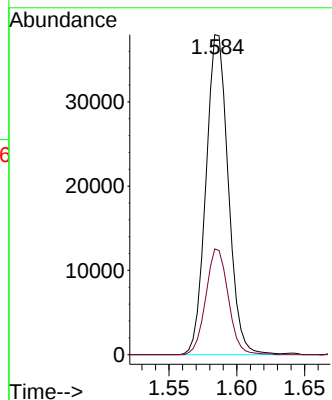
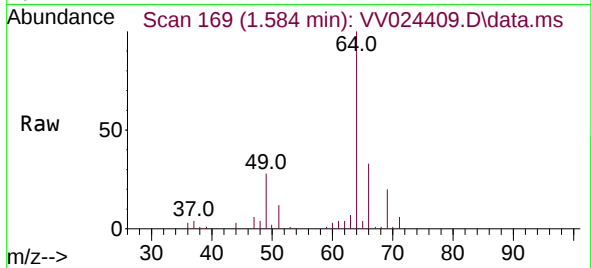




#8
Chloroethane
Concen: 40.763 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

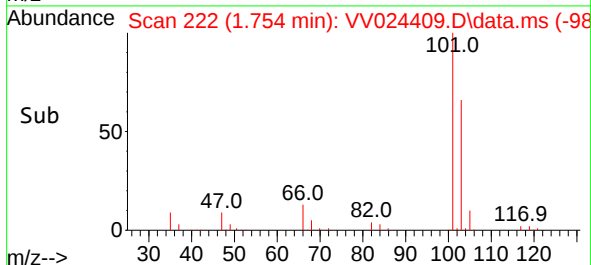
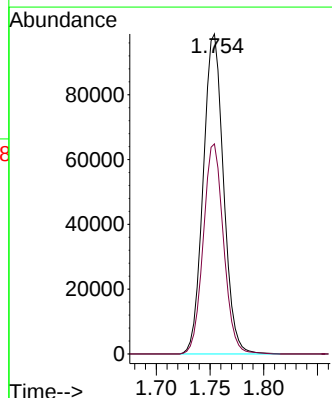
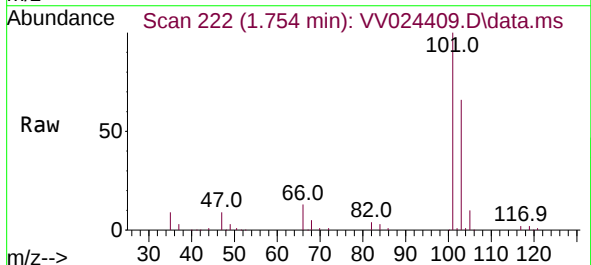
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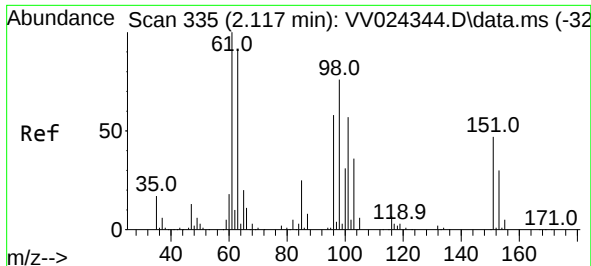
Tgt Ion: 64 Resp: 43477
Ion Ratio Lower Upper
64 100
66 33.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 41.842 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion:101 Resp: 129962
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

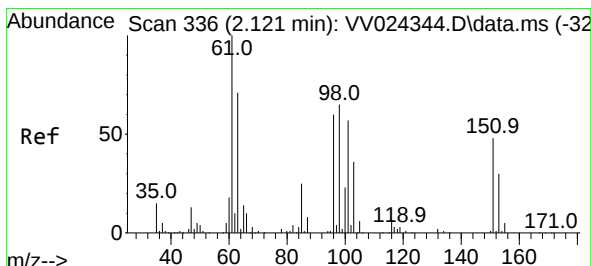
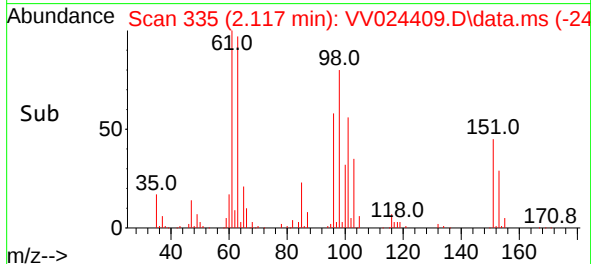
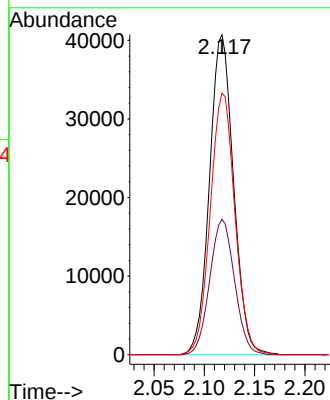
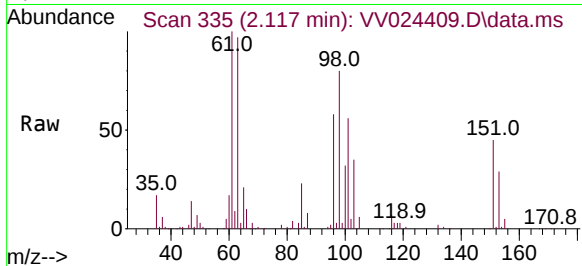




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.621 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

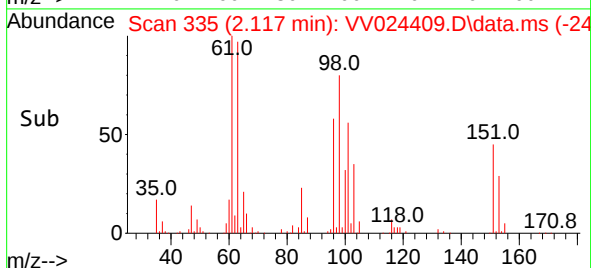
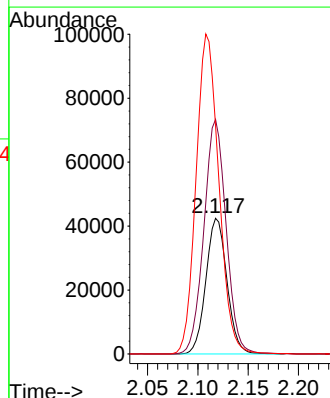
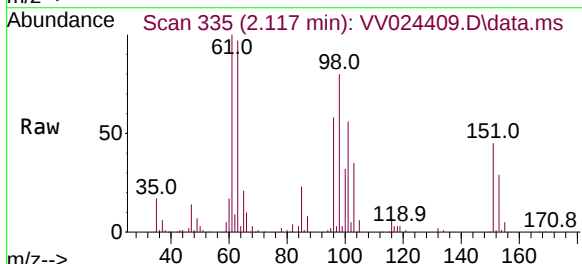
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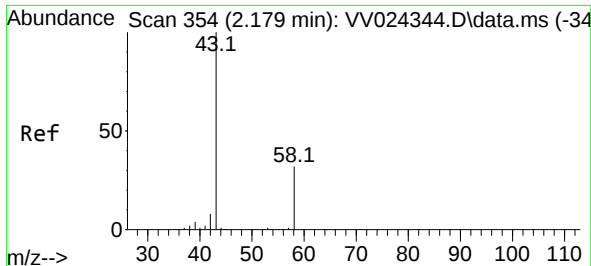
Tgt Ion:101 Resp: 67734
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.3 52.9
 151 83.8 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 42.113 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

Tgt Ion: 96 Resp: 61805
 Ion Ratio Lower Upper
 96 100
 61 172.8 111.9 207.9
 63 168.2 82.7 153.5#





#13

Acetone

Concen: 99.111 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

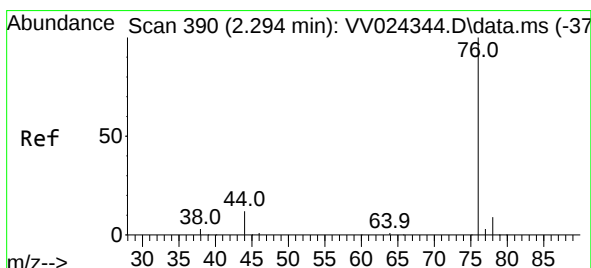
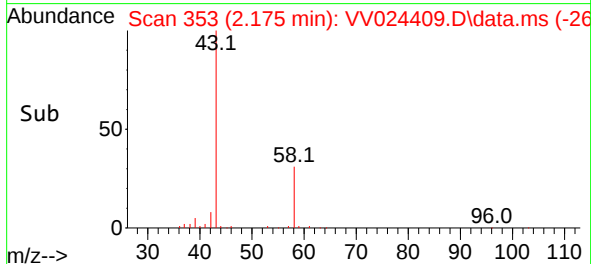
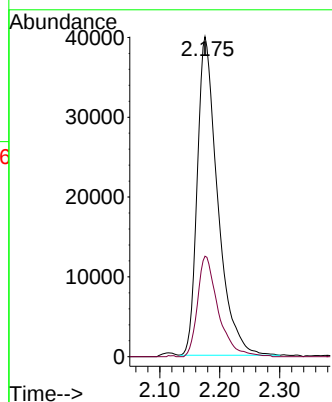
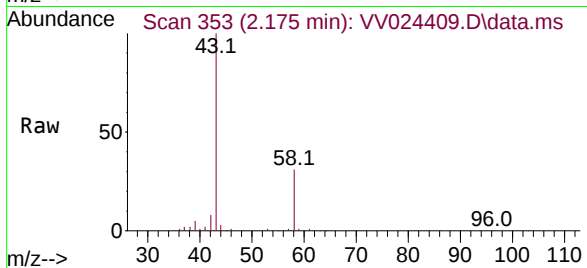
VSTD050396

Tgt Ion: 43 Resp: 94537

Ion Ratio Lower Upper

43 100

58 31.9 0.0 63.0



#14

Carbon disulfide

Concen: 40.705 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

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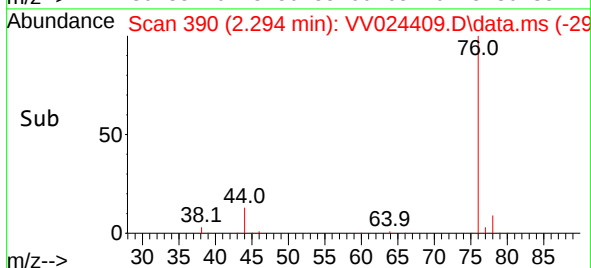
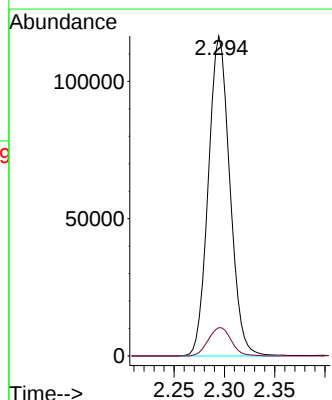
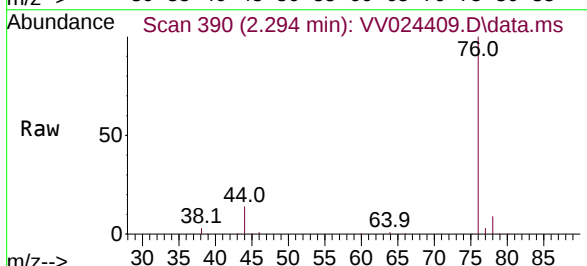
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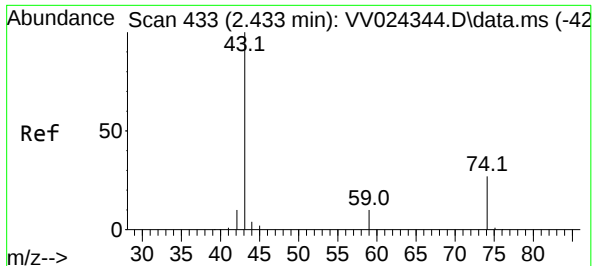
Tgt Ion: 76 Resp: 173455

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

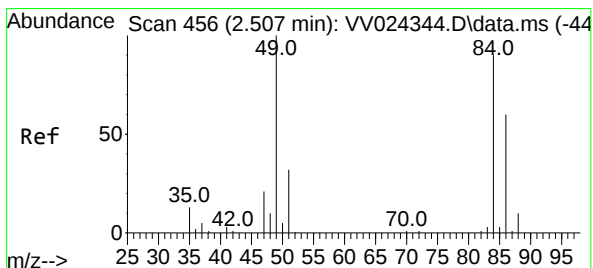
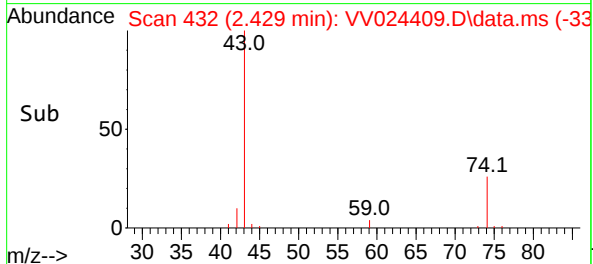
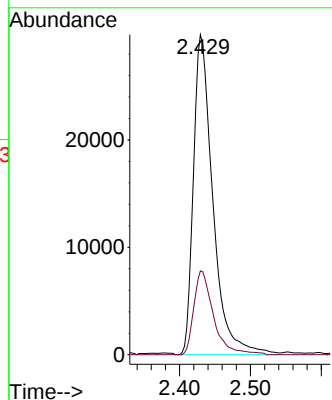
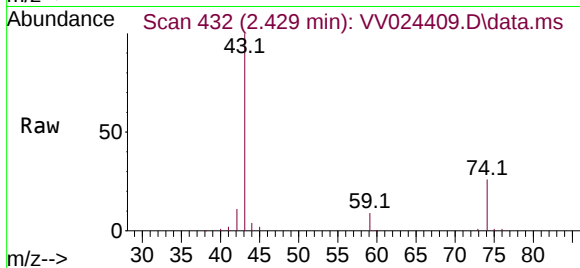




#15
Methyl Acetate
Concen: 40.938 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

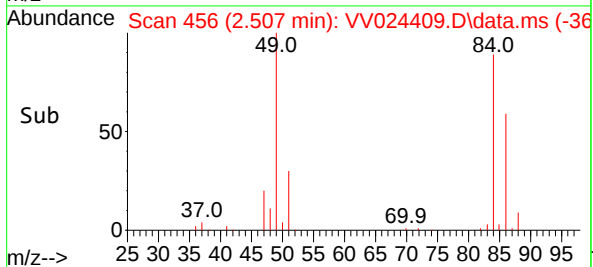
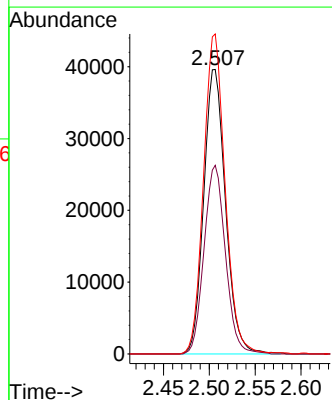
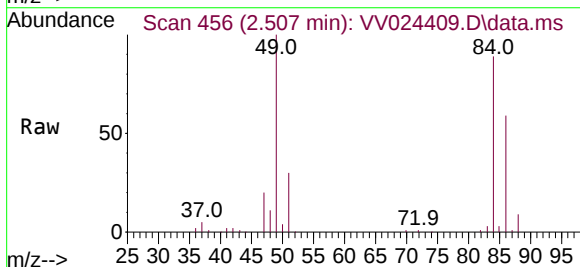
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

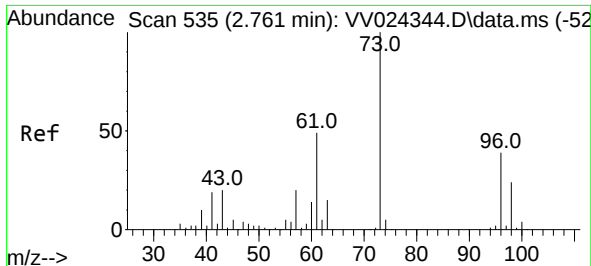
Tgt Ion: 43 Resp: 56794
Ion Ratio Lower Upper
43 100
74 26.5 21.8 32.8



#16
Methylene chloride
Concen: 40.999 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion: 84 Resp: 65526
Ion Ratio Lower Upper
84 100
86 66.3 46.8 86.8
49 112.5 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 41.995 ug/L

RT: 2.757 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050396

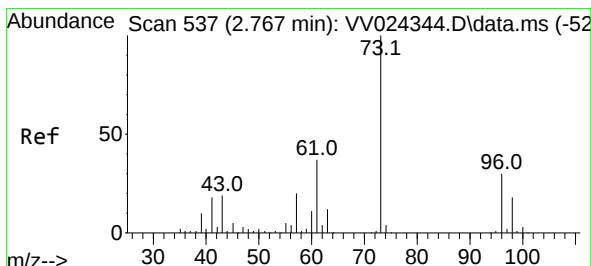
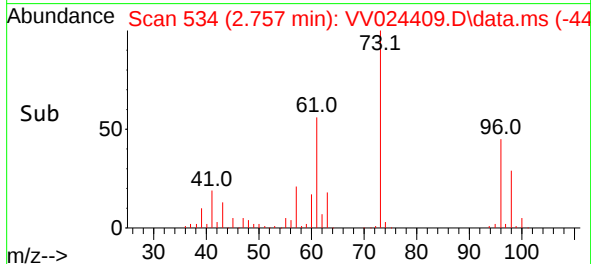
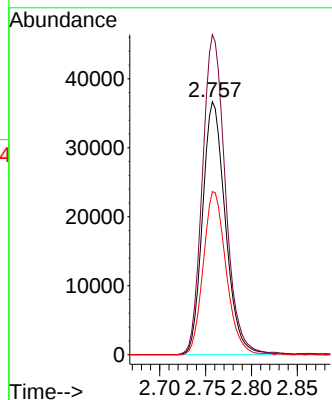
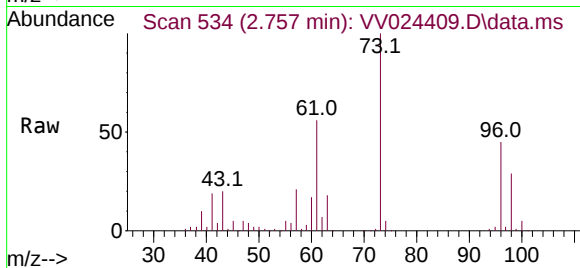
Tgt Ion: 96 Resp: 63510

Ion Ratio Lower Upper

96 100

61 126.5 88.1 163.7

98 64.4 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 41.981 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

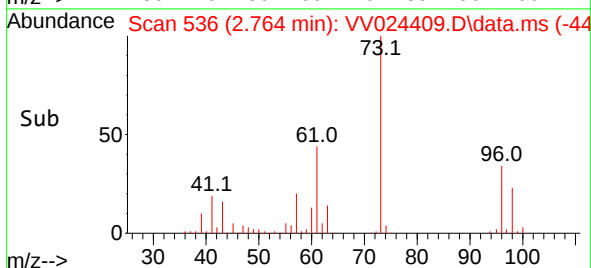
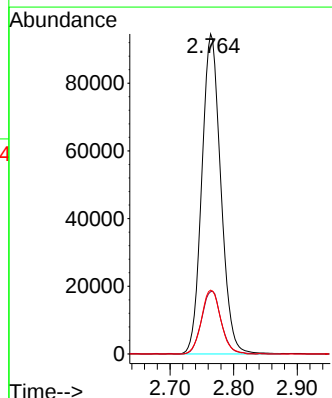
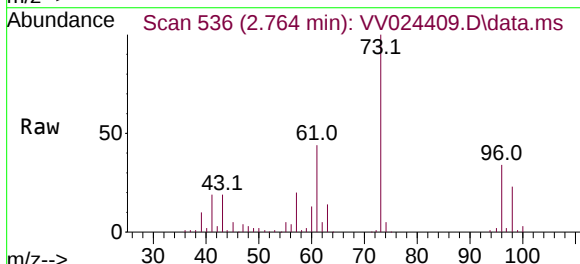
Tgt Ion: 73 Resp: 195668

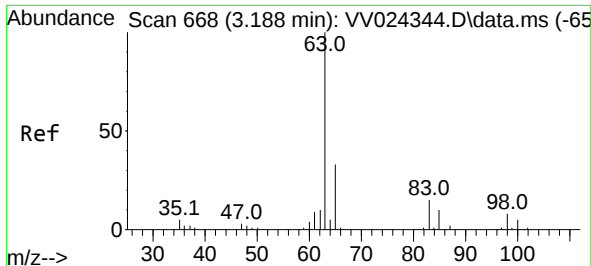
Ion Ratio Lower Upper

73 100

43 20.3 16.2 24.2

57 20.3 15.9 23.9





#19

1,1-Dichloroethane

Concen: 42.180 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050396

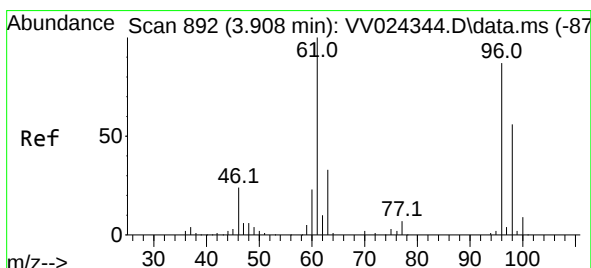
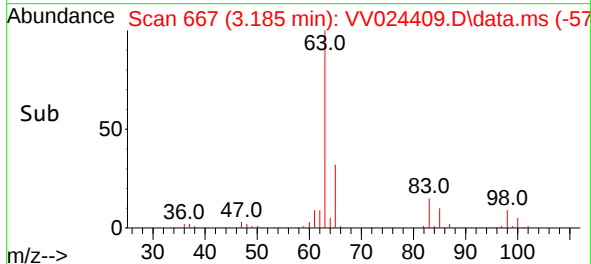
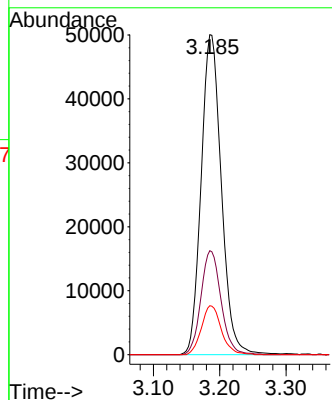
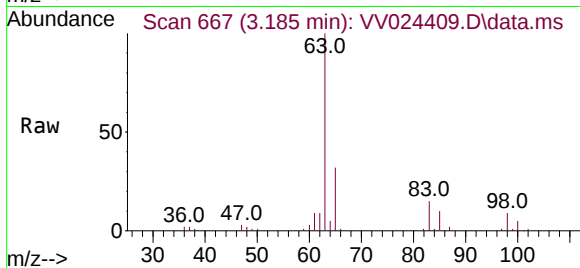
Tgt Ion: 63 Resp: 105804

Ion Ratio Lower Upper

63 100

65 32.5 22.4 41.6

83 15.3 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 42.783 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

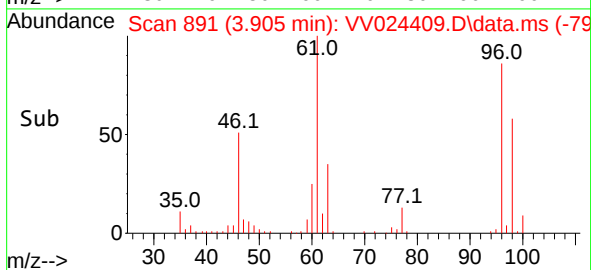
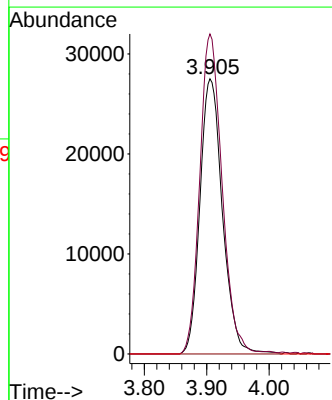
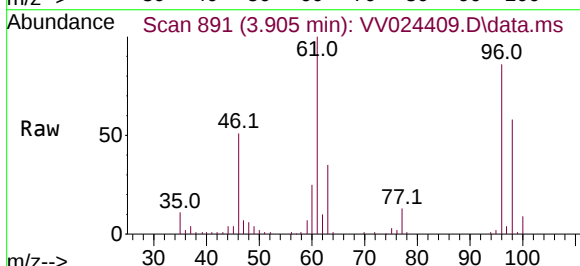
Tgt Ion: 96 Resp: 69101

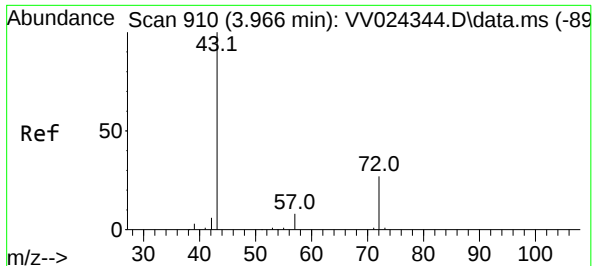
Ion Ratio Lower Upper

96 100

61 116.2 82.9 153.9

68 0.0 0.0 0.0

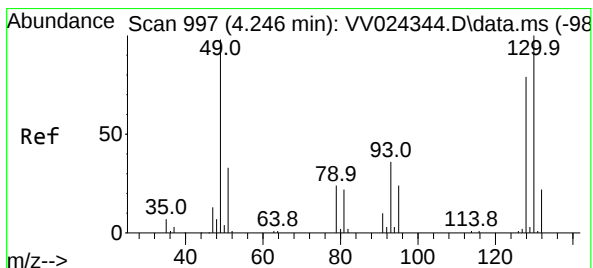
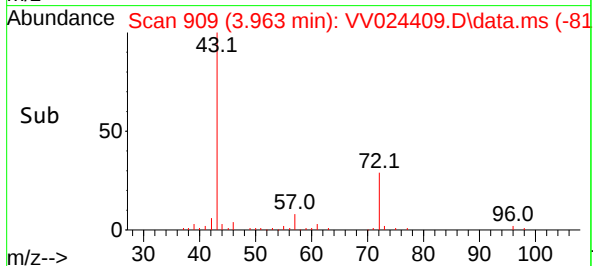
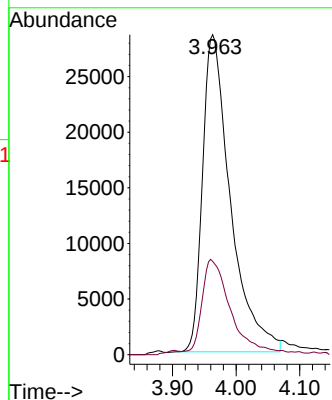
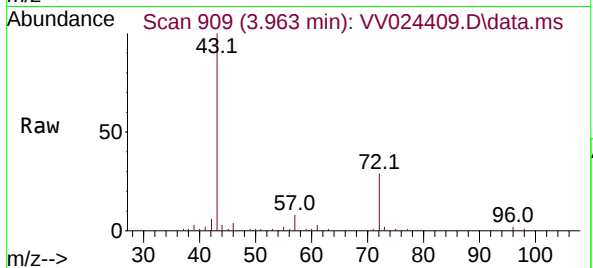




#22
2-Butanone
Concen: 85.765 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

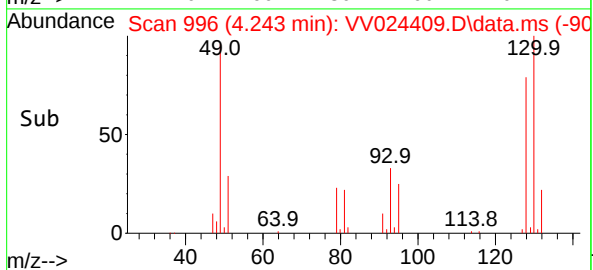
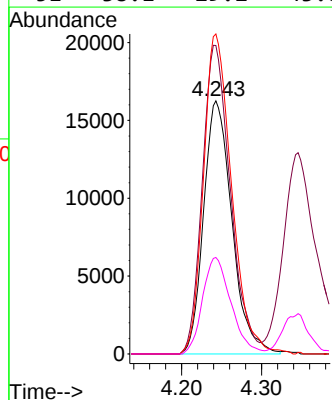
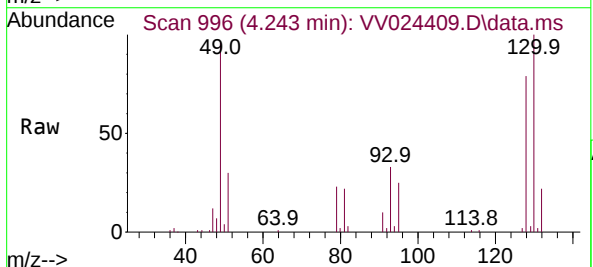
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

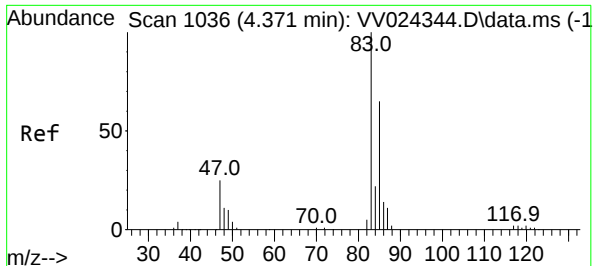
Tgt Ion: 43 Resp: 86900
Ion Ratio Lower Upper
43 100
72 27.7 14.9 44.9



#23
Bromochloromethane
Concen: 43.138 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion: 128 Resp: 40146
Ion Ratio Lower Upper
128 100
49 121.9 83.1 154.3
130 126.4 87.0 161.6
51 38.1 29.2 43.8





#25

Chloroform

Concen: 41.901 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

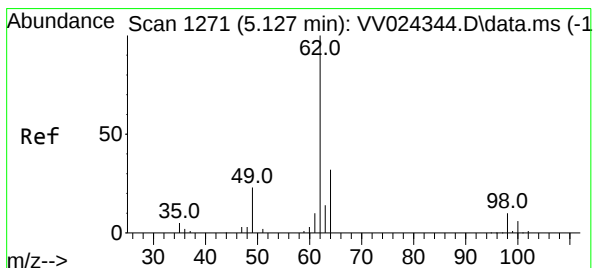
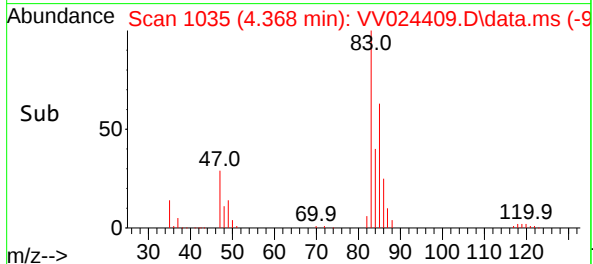
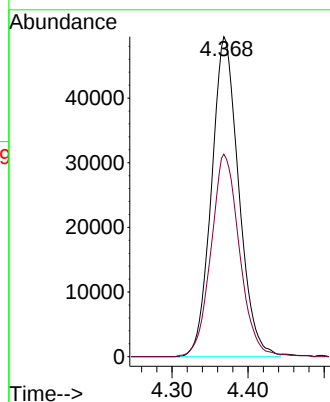
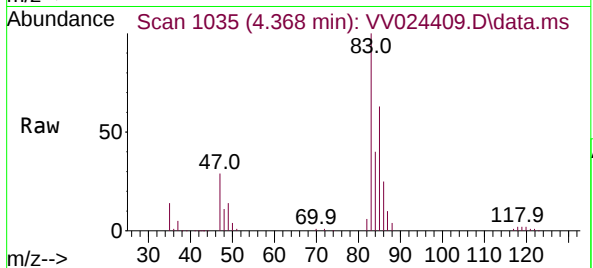
VSTD050396

Tgt Ion: 83 Resp: 122886

Ion Ratio Lower Upper

83 100

85 63.3 46.3 85.9



#27

1,2-Dichloroethane

Concen: 40.089 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV024409.D

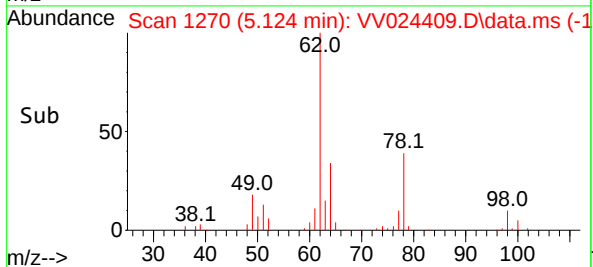
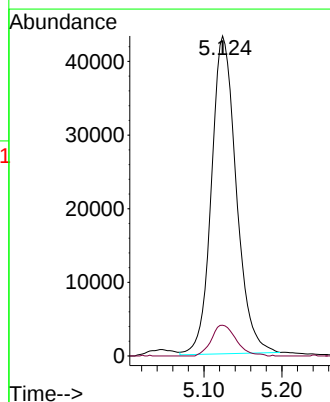
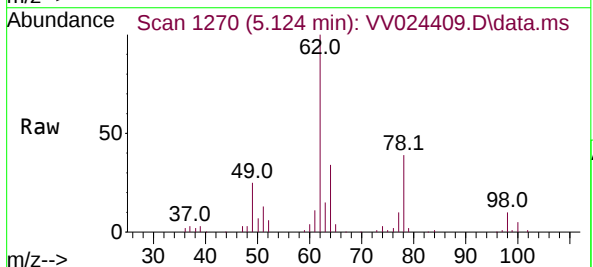
Acq: 20 Jan 2022 11:23

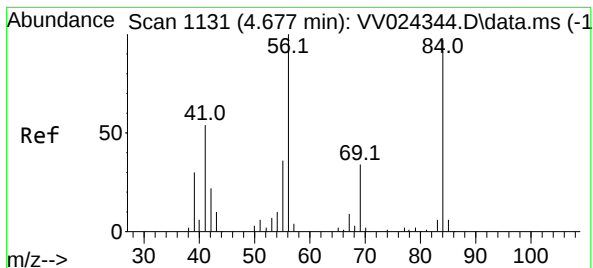
Tgt Ion: 62 Resp: 95628

Ion Ratio Lower Upper

62 100

98 9.6 7.1 10.7





#29

Cyclohexane

Concen: 45.300 ug/L

RT: 4.670 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050396

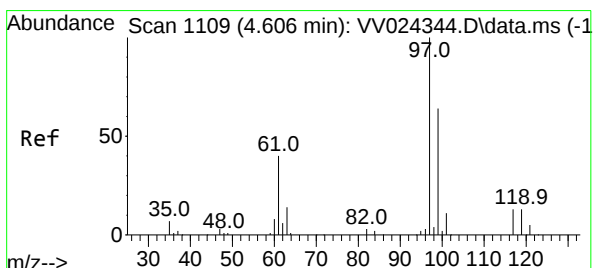
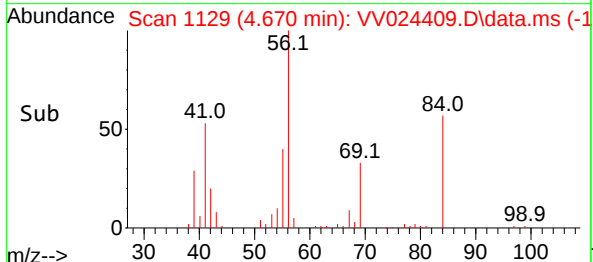
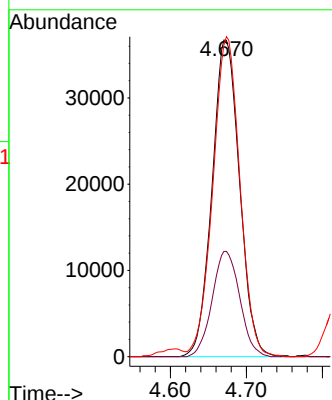
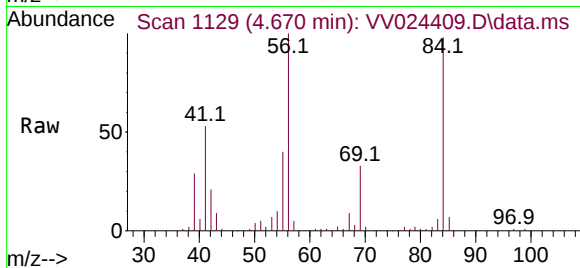
Tgt Ion: 56 Resp: 92130

Ion Ratio Lower Upper

56 100

69 33.3 25.8 38.6

84 99.6 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 41.633 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

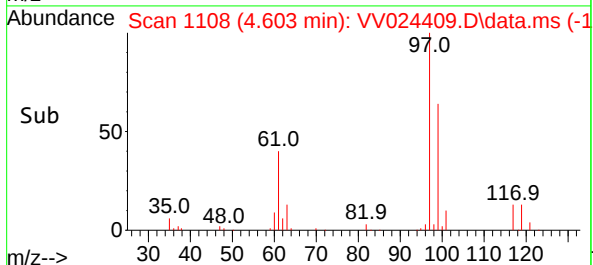
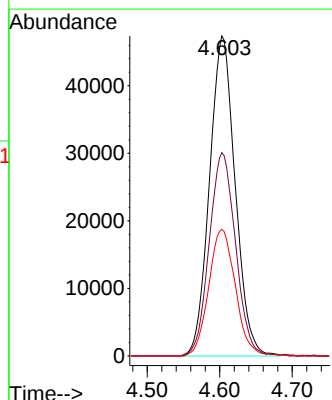
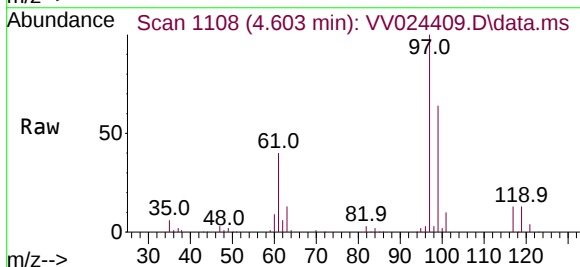
Tgt Ion: 97 Resp: 116545

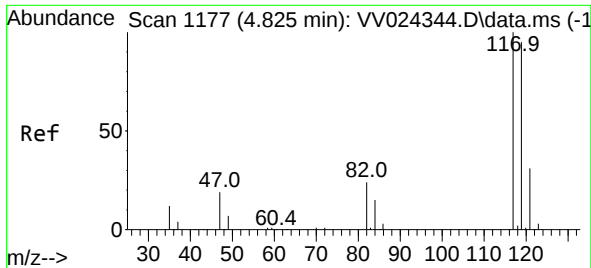
Ion Ratio Lower Upper

97 100

99 64.9 51.2 76.8

61 41.0 33.2 49.8

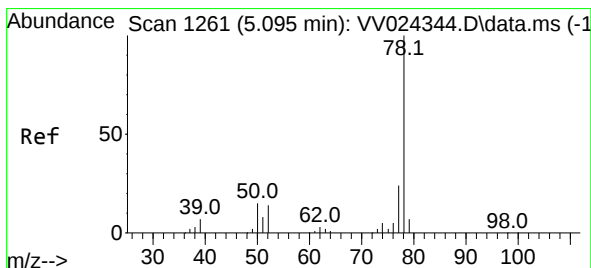
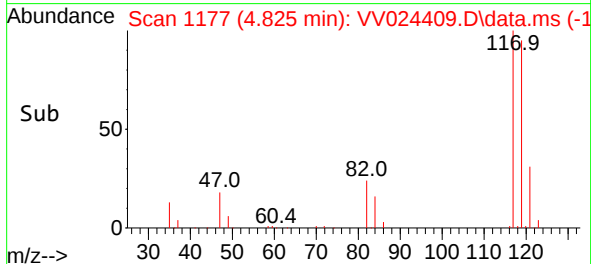
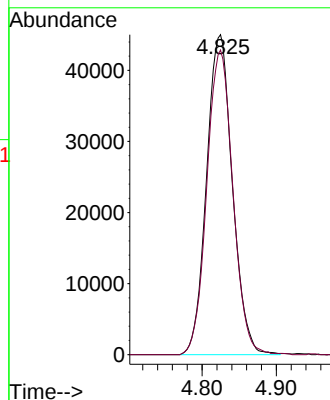
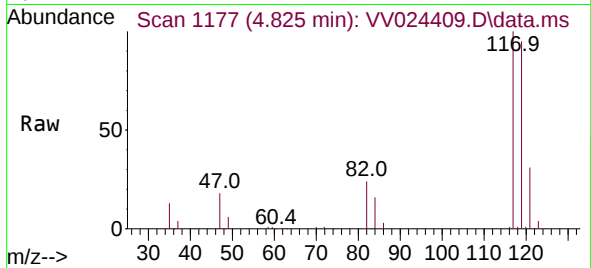




#31
Carbon tetrachloride
Concen: 41.942 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

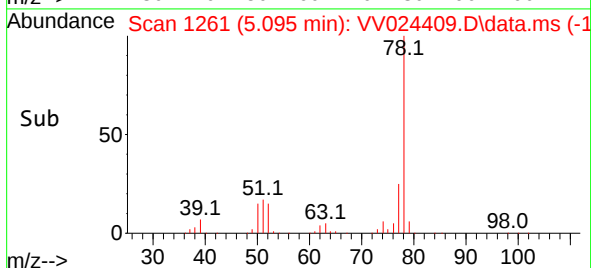
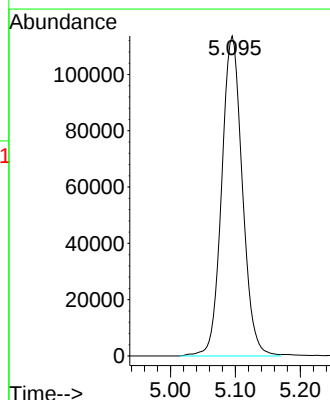
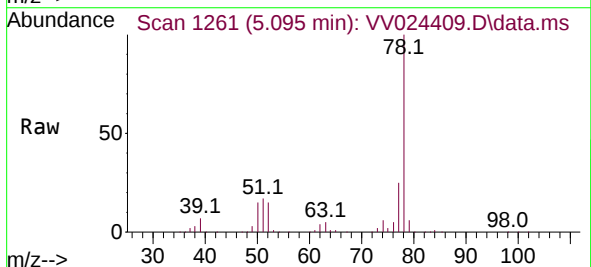
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

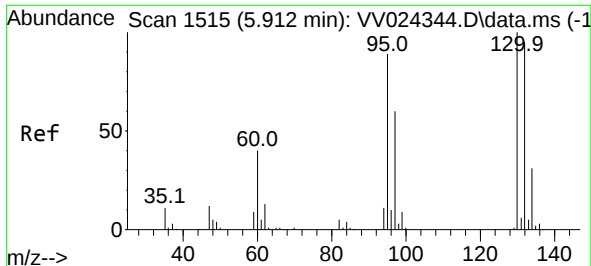
Tgt Ion:117 Resp: 108925
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 43.350 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion: 78 Resp: 250782

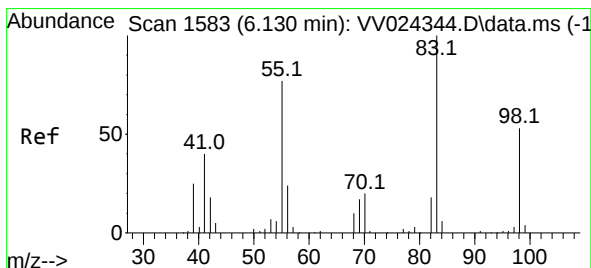
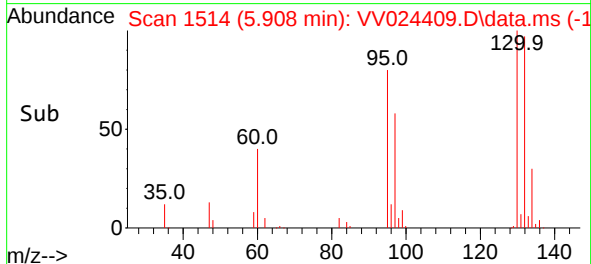
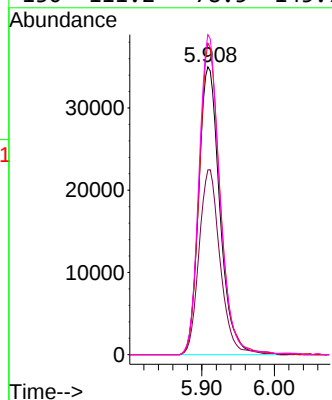
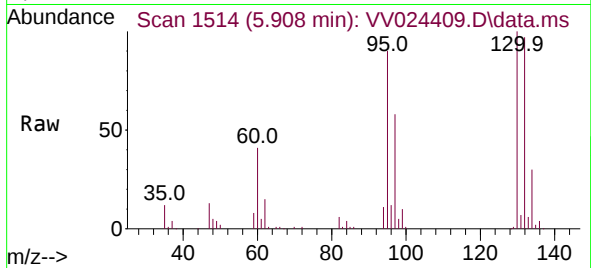




#34
Trichloroethene
Concen: 44.399 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

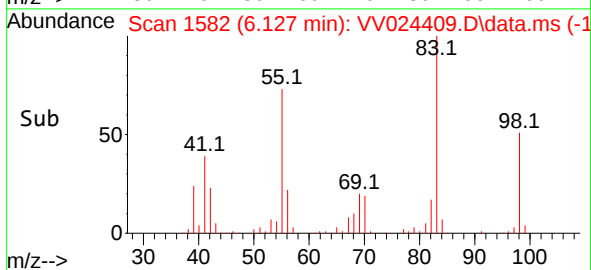
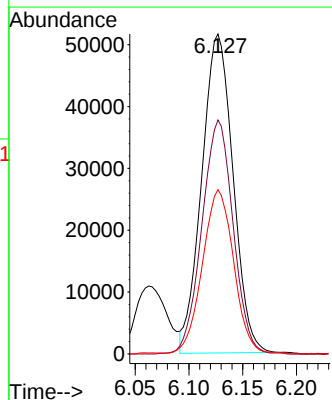
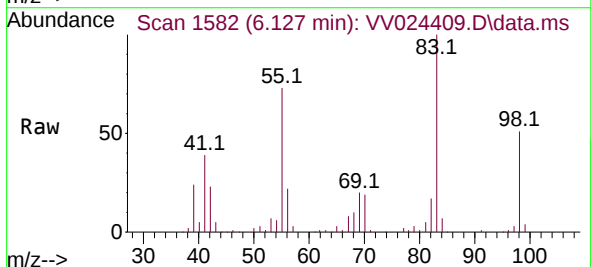
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

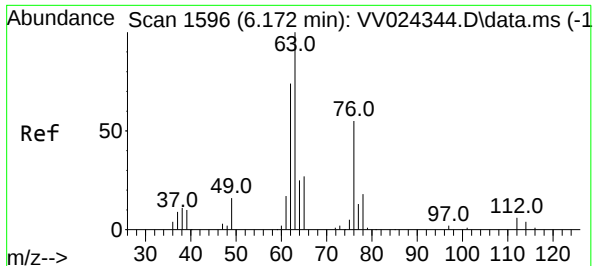
Tgt Ion: 95 Resp: 70830
Ion Ratio Lower Upper
95 100
97 64.2 44.1 81.9
132 108.2 75.1 139.5
130 111.2 78.5 145.7



#35
Methylcyclohexane
Concen: 44.142 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion: 83 Resp: 104437
Ion Ratio Lower Upper
83 100
55 72.8 55.6 83.4
98 51.7 41.3 61.9





#37

1,2-Dichloropropane

Concen: 43.502 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

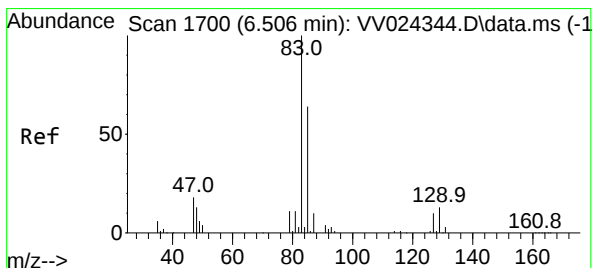
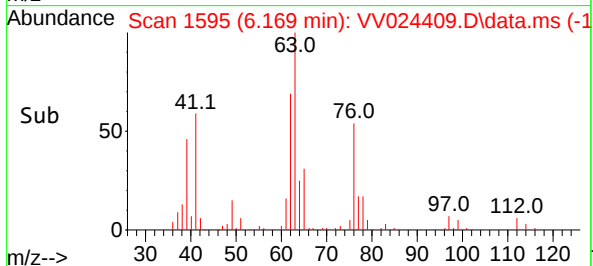
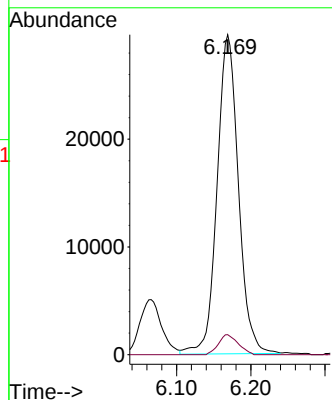
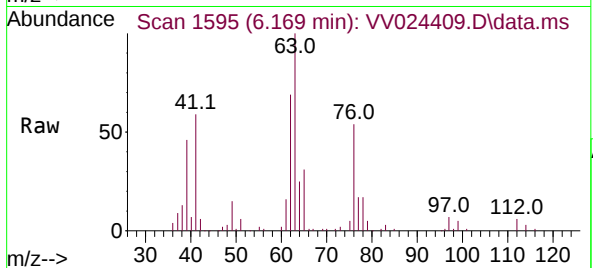
VSTD050396

Tgt Ion: 63 Resp: 59193

Ion Ratio Lower Upper

63 100

112 5.8 4.7 7.1



#38

Bromodichloromethane

Concen: 41.615 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

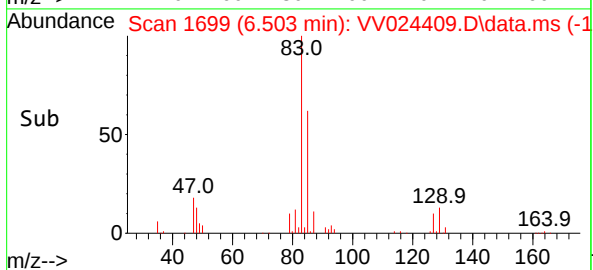
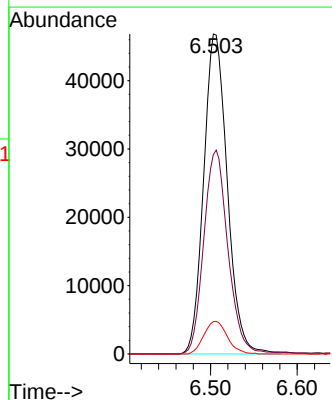
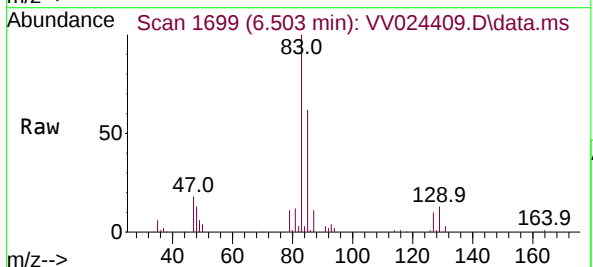
Tgt Ion: 83 Resp: 88857

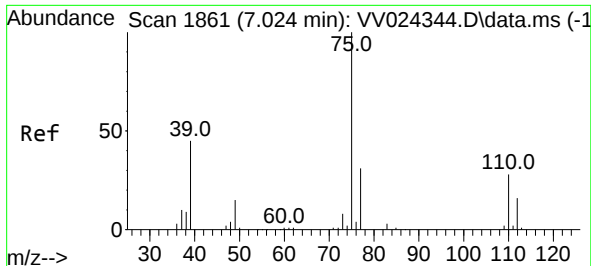
Ion Ratio Lower Upper

83 100

85 62.3 45.2 84.0

127 10.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 42.581 ug/L

RT: 7.024 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

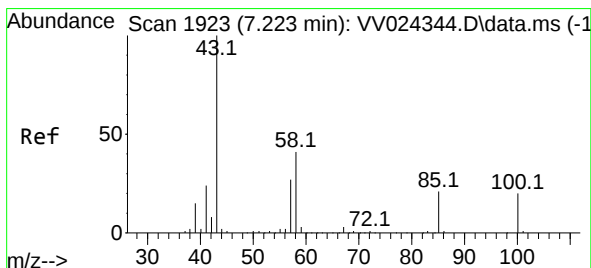
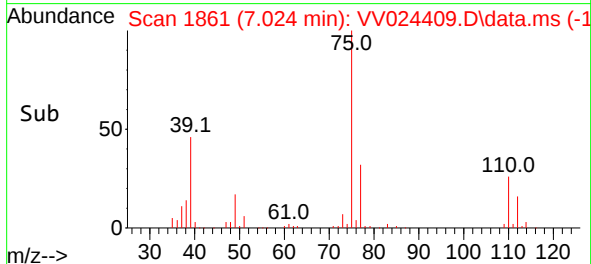
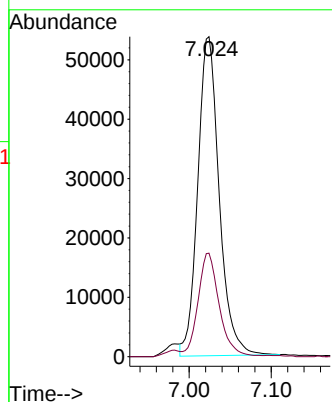
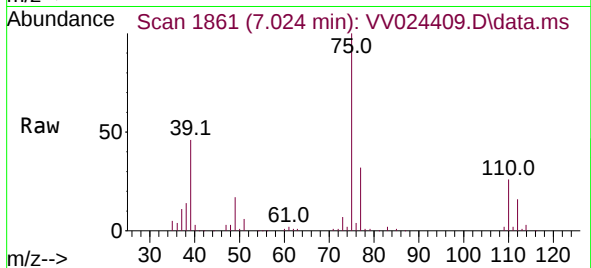
VSTD050396

Tgt Ion: 75 Resp: 97398

Ion Ratio Lower Upper

75 100

77 32.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 84.566 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

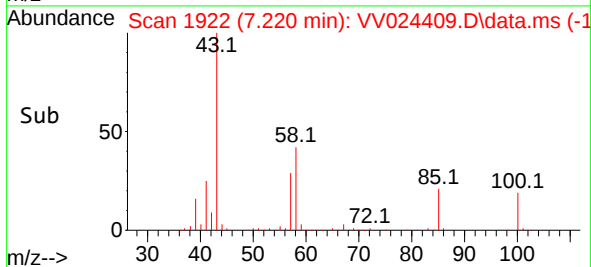
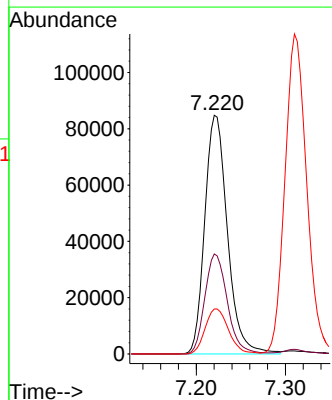
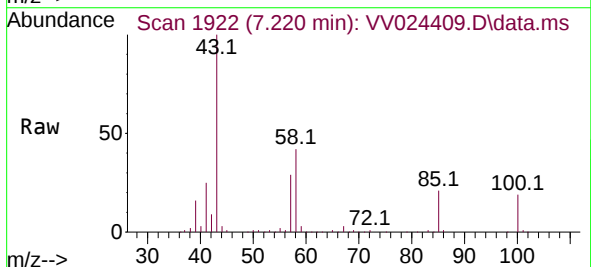
Tgt Ion: 43 Resp: 150049

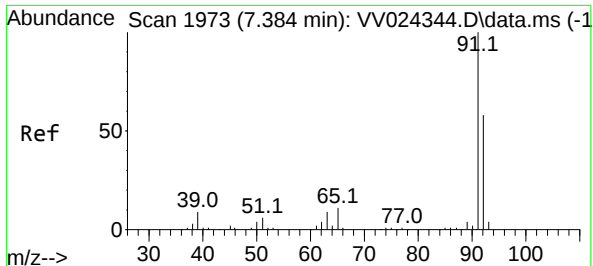
Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.4

100 19.4 16.0 24.0





#42

Toluene

Concen: 44.324 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

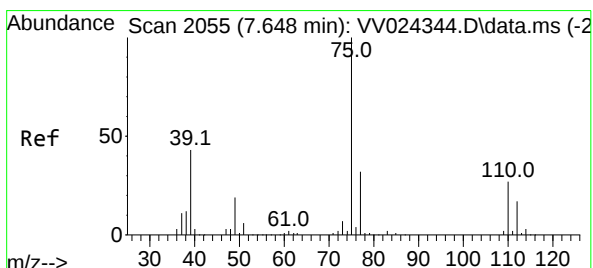
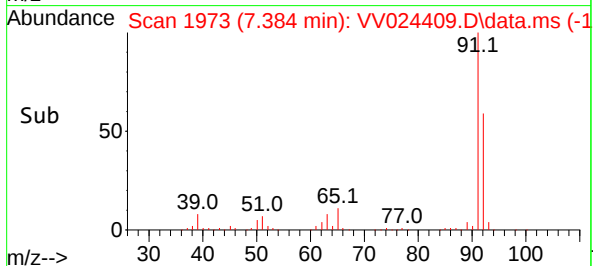
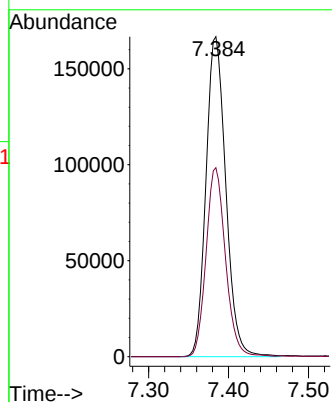
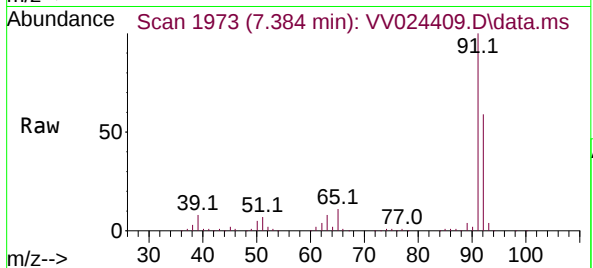
VSTD050396

Tgt Ion: 91 Resp: 287838

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 43.483 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VV024409.D

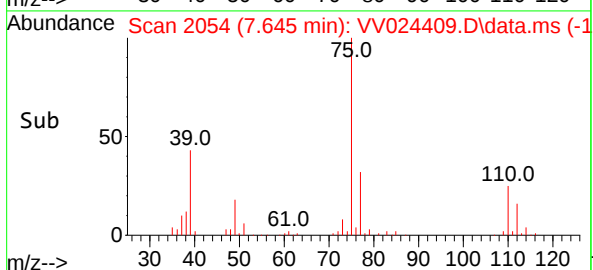
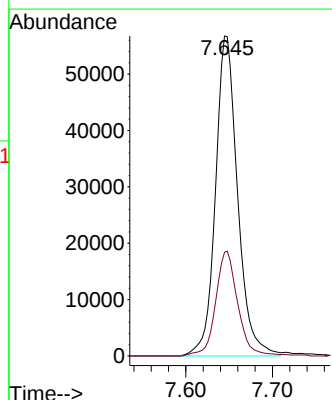
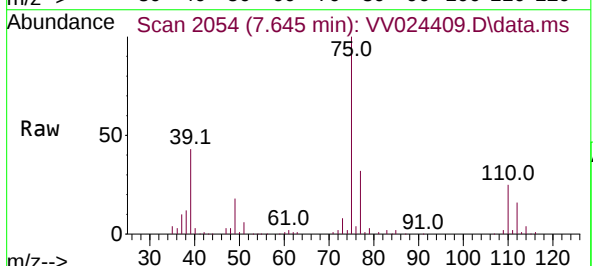
Acq: 20 Jan 2022 11:23

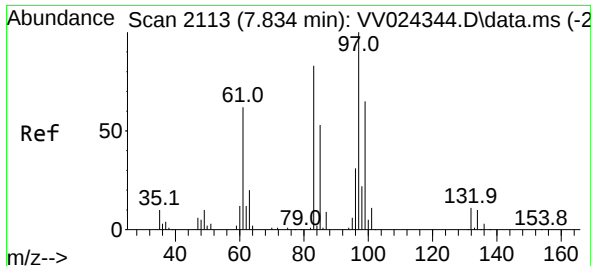
Tgt Ion: 75 Resp: 100892

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1

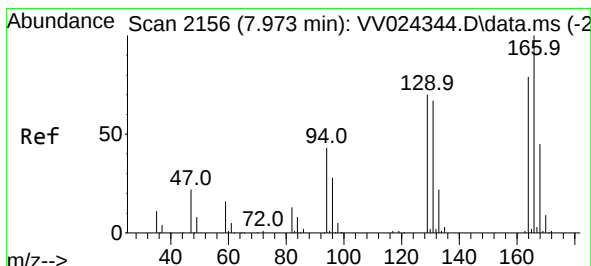
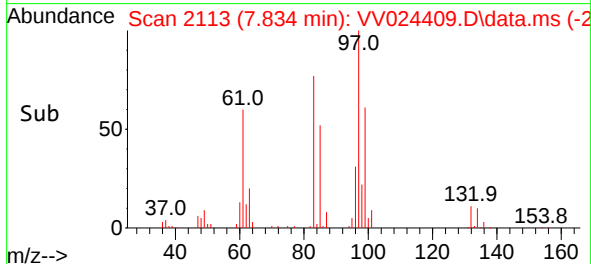
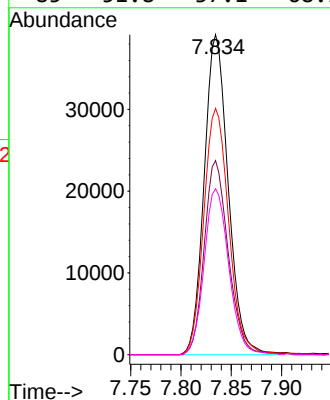
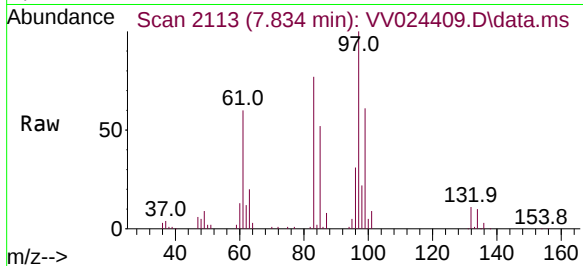




#45
1,1,2-Trichloroethane
Concen: 42.736 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

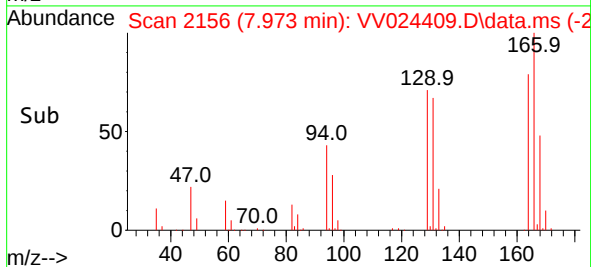
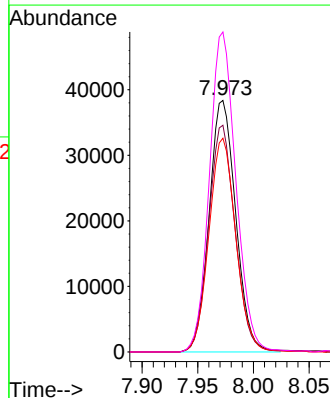
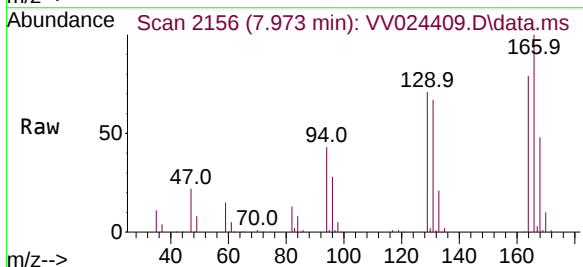
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

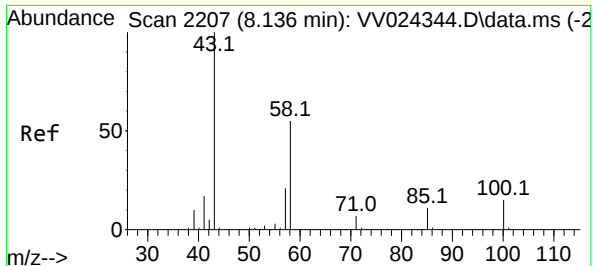
Tgt Ion:	97	Resp:	65191
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.4	78.8
83	76.9	57.9	107.5
85	51.8	37.1	68.9



#46
Tetrachloroethene
Concen: 44.019 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion:	164	Resp:	63917
Ion	Ratio	Lower	Upper
164	100		
129	90.1	61.5	114.1
131	85.0	62.2	115.4
166	127.2	89.9	166.9



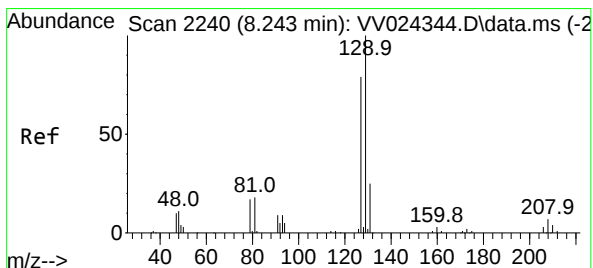
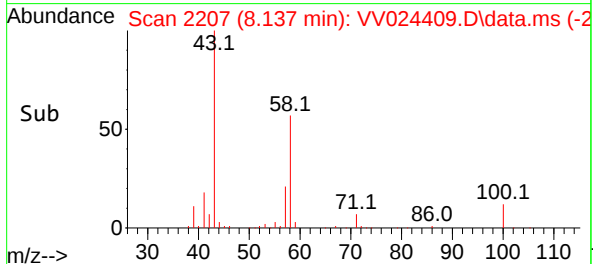
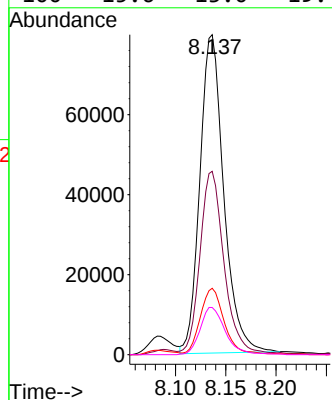
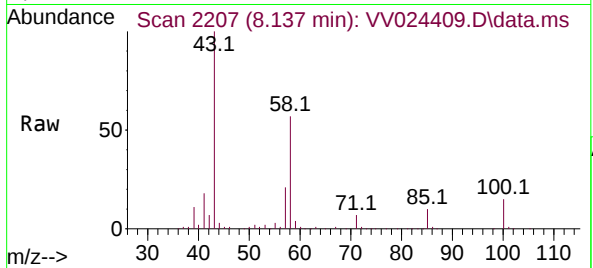


#48
2-Hexanone
Concen: 92.475 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

Tgt Ion: 43 Resp: 131790

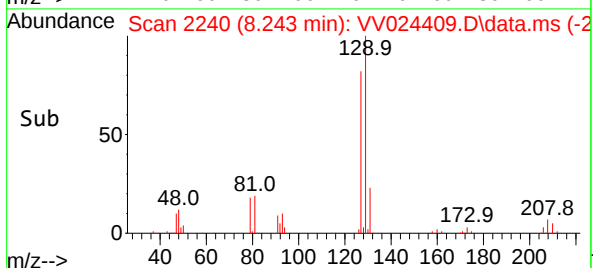
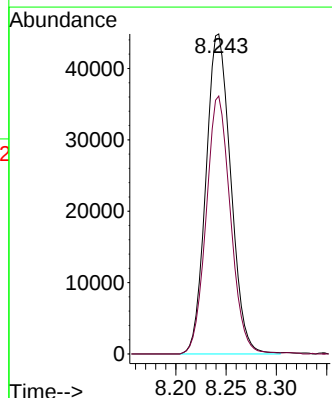
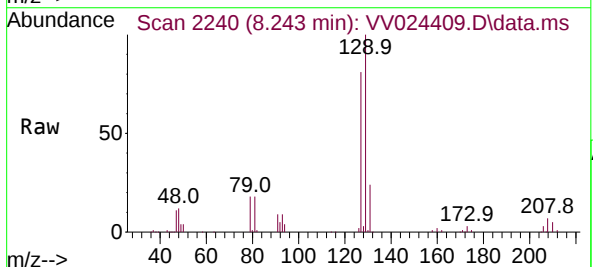
Ion	Ratio	Lower	Upper
43	100		
58	58.2	45.0	67.4
57	21.0	16.9	25.3
100	15.6	13.0	19.4

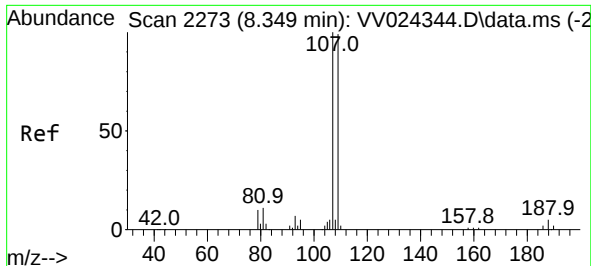


#49
Dibromochloromethane
Concen: 40.292 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion: 129 Resp: 77041

Ion	Ratio	Lower	Upper
129	100		
127	80.6	53.7	99.7





#50

1,2-Dibromoethane

Concen: 42.416 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050396

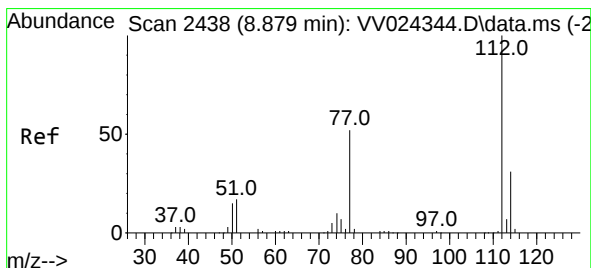
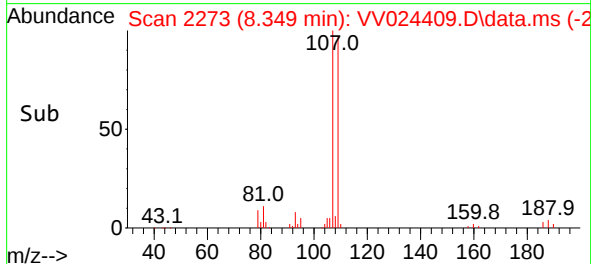
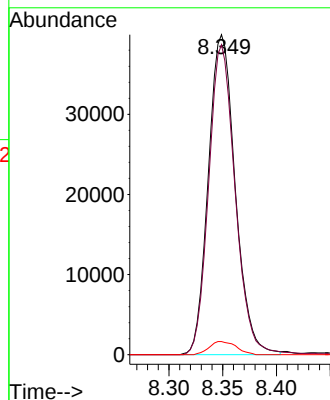
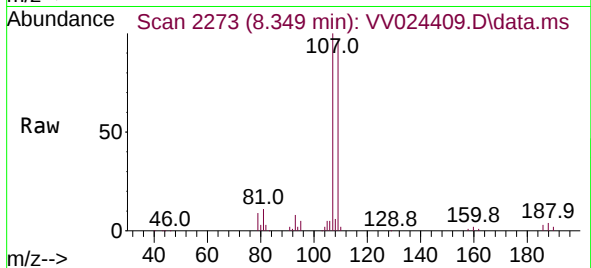
Tgt Ion:107 Resp: 69495

Ion Ratio Lower Upper

107 100

109 96.9 65.8 122.2

188 4.1 3.8 5.6



#51

Chlorobenzene

Concen: 42.415 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

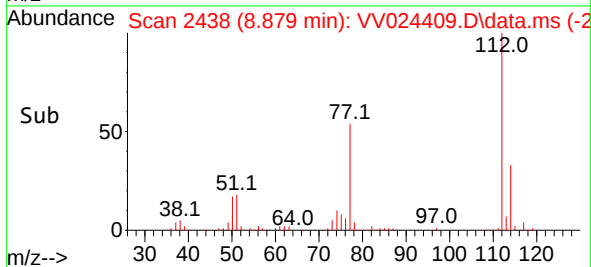
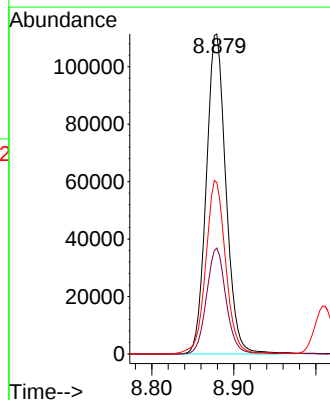
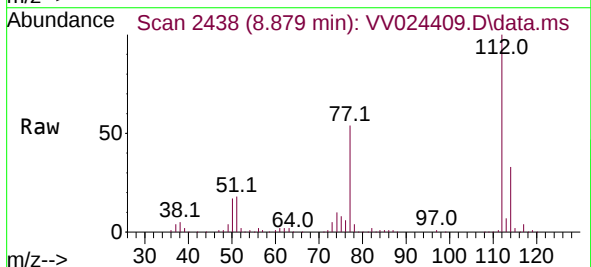
Tgt Ion:112 Resp: 185519

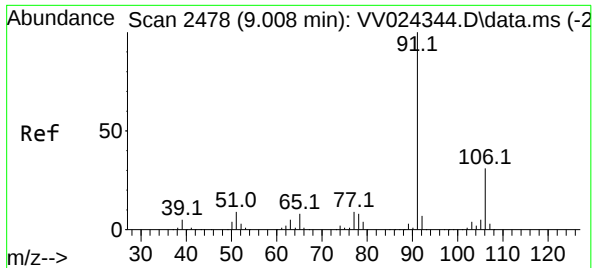
Ion Ratio Lower Upper

112 100

114 33.1 22.3 41.5

77 53.6 42.8 64.2

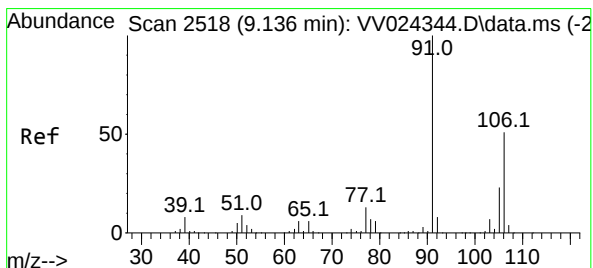
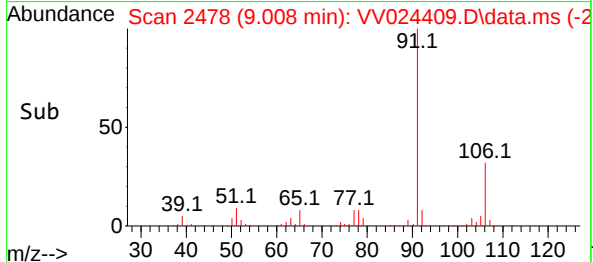
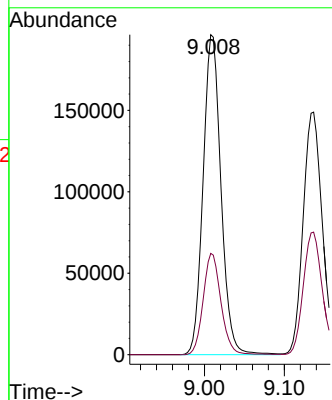
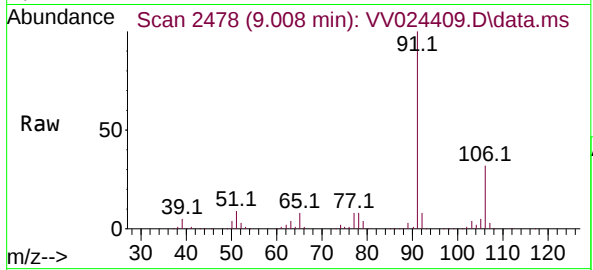




#52
Ethylbenzene
Concen: 44.130 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

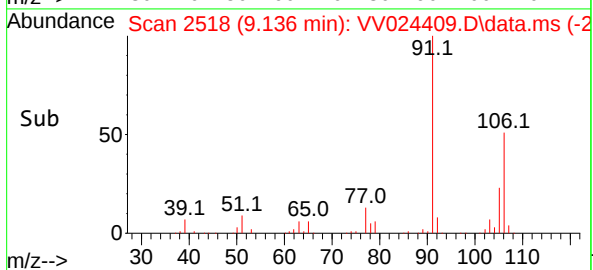
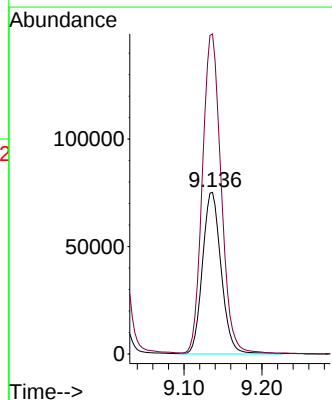
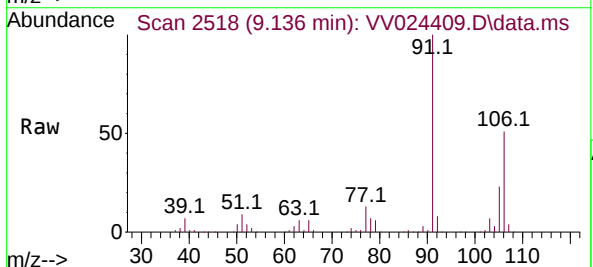
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

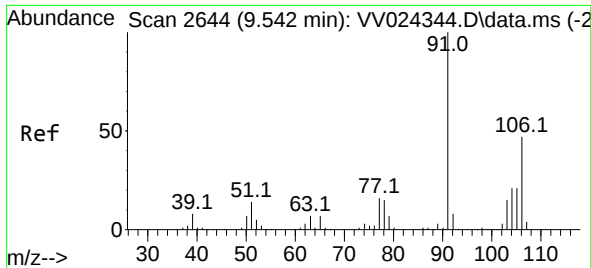
Tgt Ion: 91 Resp: 306155
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-Xylene
Concen: 45.019 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion:106 Resp: 125190
Ion Ratio Lower Upper
106 100
91 198.0 141.8 263.4

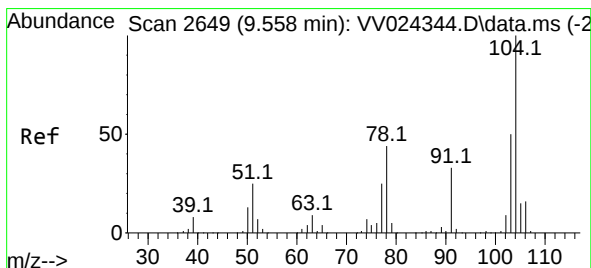
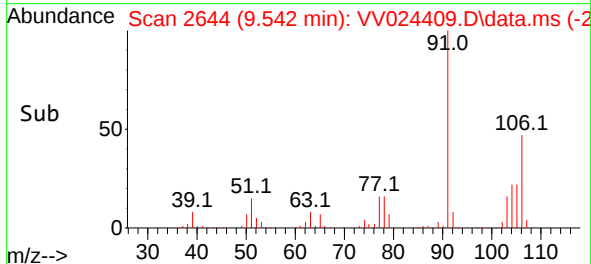
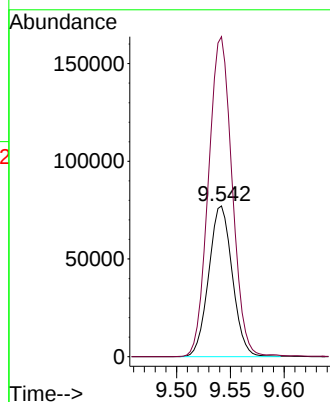
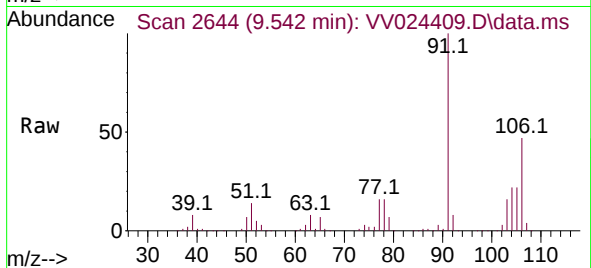




#54
o-Xylene
Concen: 44.371 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

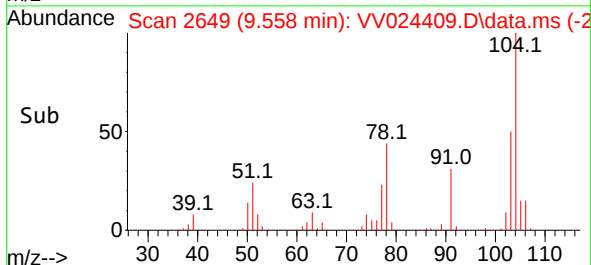
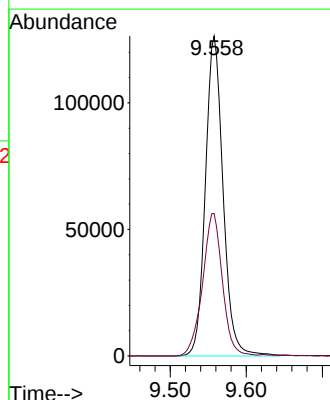
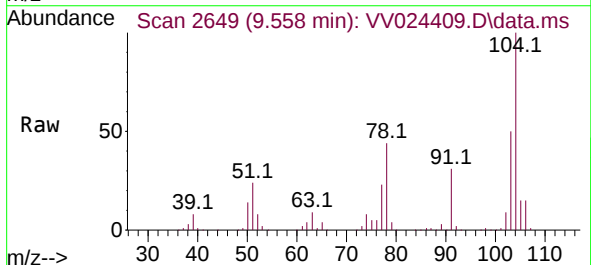
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

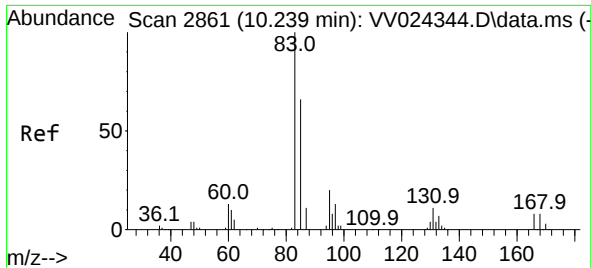
Tgt Ion:106 Resp: 117784
Ion Ratio Lower Upper
106 100
91 212.3 150.9 280.3



#55
Styrene
Concen: 44.314 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion:104 Resp: 204281
Ion Ratio Lower Upper
104 100
78 44.5 31.5 58.5

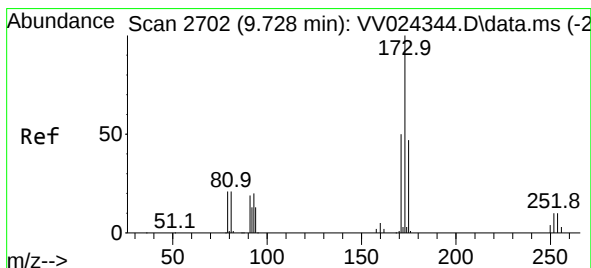
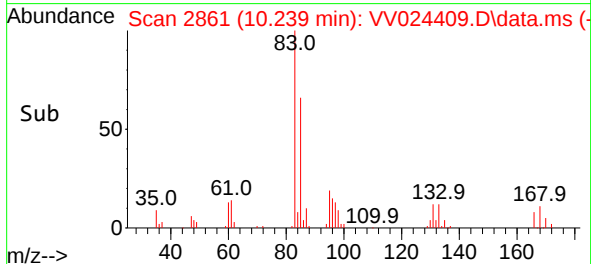
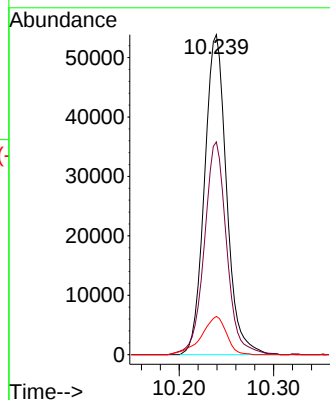
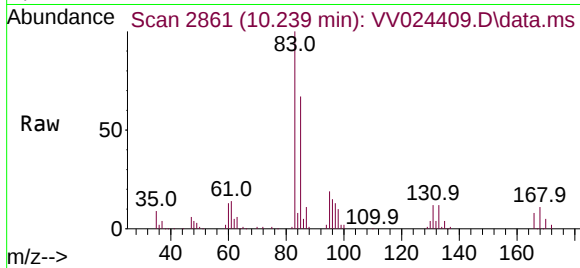




#57
 1,1,2,2-Tetrachloroethane
 Concen: 39.263 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

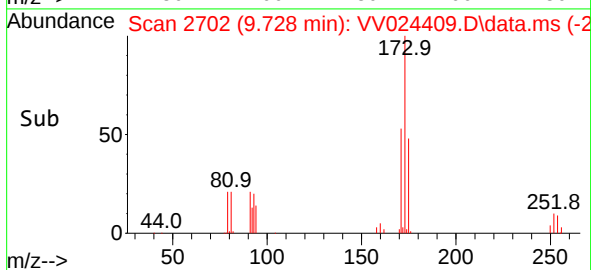
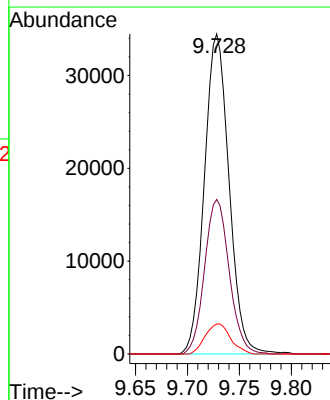
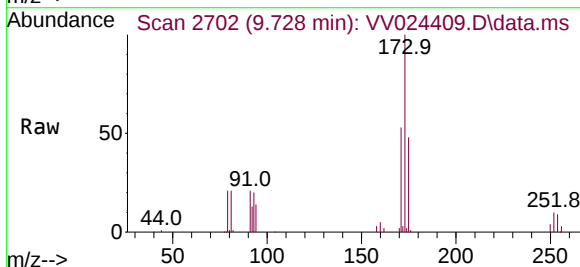
Instrument : MSVOA_V
 ClientSampleId : VSTD050396

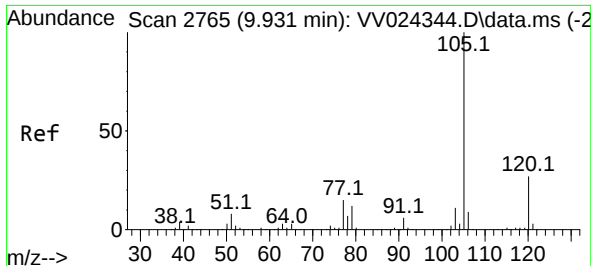
Tgt Ion:	83	Resp:	87455
Ion Ratio	Lower	Upper	
83	100		
85	66.5	44.5	82.7
131	12.0	9.2	13.8



#59
 Bromoform
 Concen: 38.066 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

Tgt Ion:	173	Resp:	56696
Ion Ratio	Lower	Upper	
173	100		
175	48.4	39.4	59.2
254	9.7	7.8	11.6

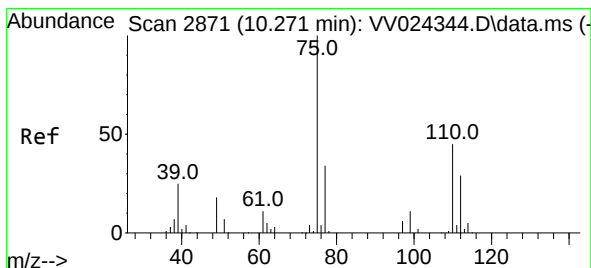
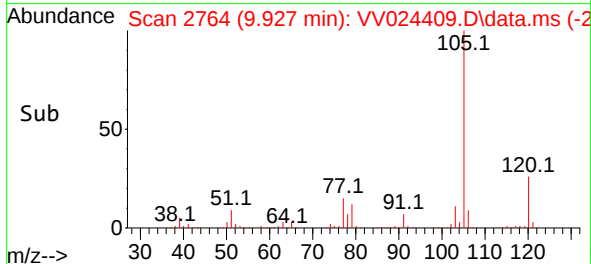
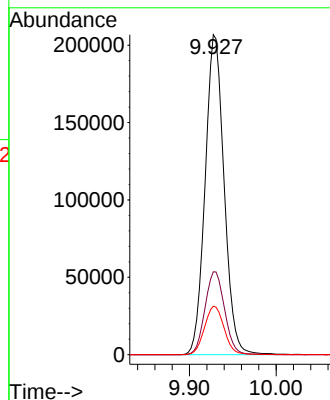
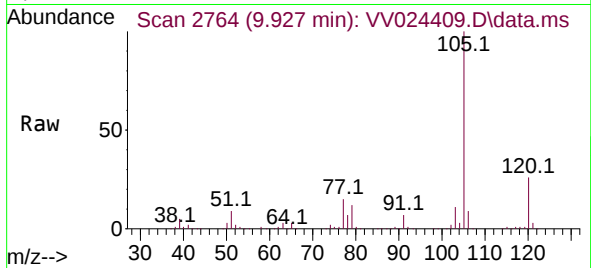




#60
Isopropylbenzene
Concen: 43.569 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

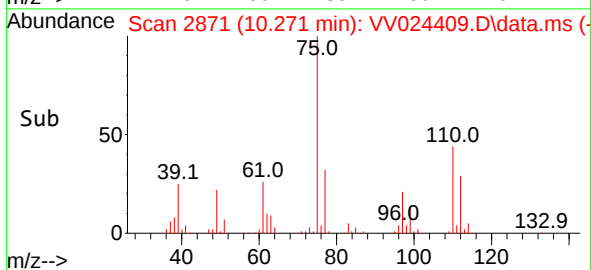
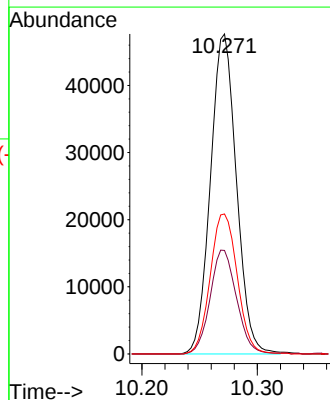
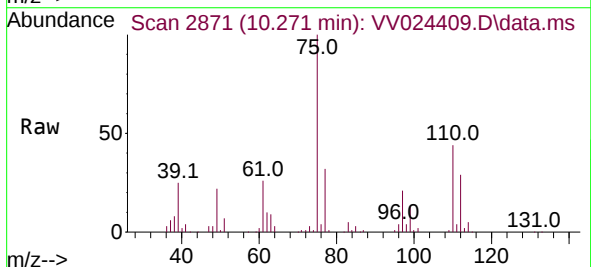
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

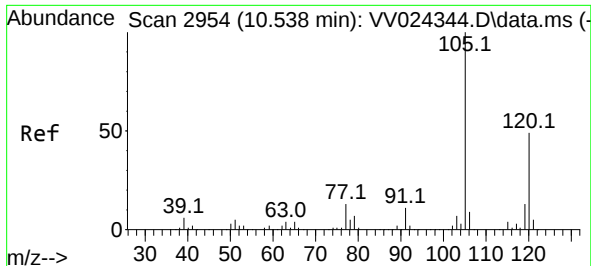
Tgt Ion:105 Resp: 314911
Ion Ratio Lower Upper
105 100
120 26.9 21.9 32.9
77 15.6 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 38.809 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion: 75 Resp: 74435
Ion Ratio Lower Upper
75 100
77 33.0 26.9 40.3
110 45.6 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 43.660 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024409.D

Acq: 20 Jan 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

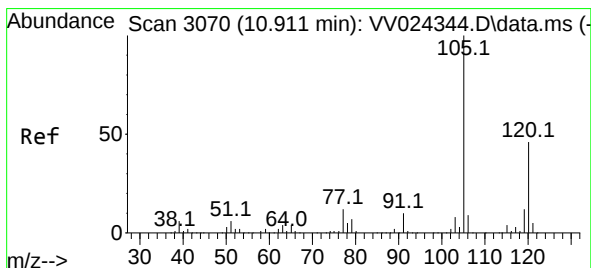
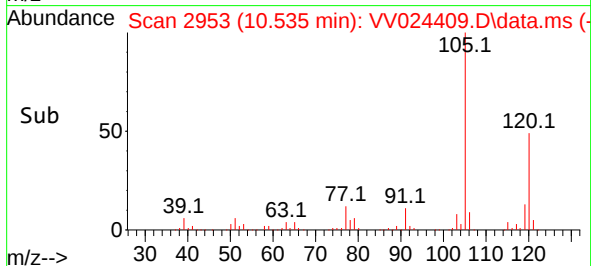
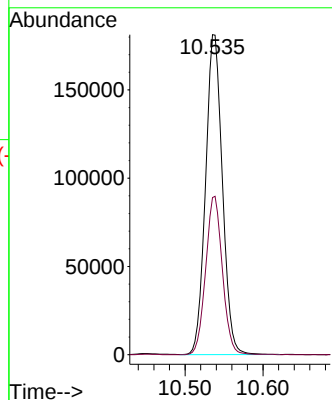
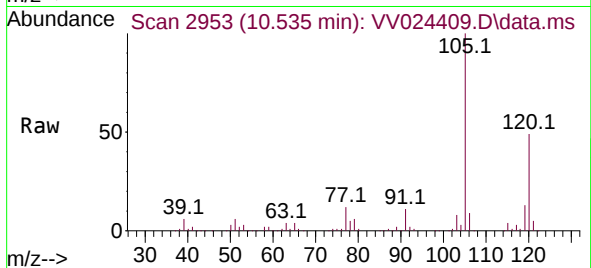
VSTD050396

Tgt Ion:105 Resp: 271445

Ion Ratio Lower Upper

105 100

120 49.1 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 43.973 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024409.D

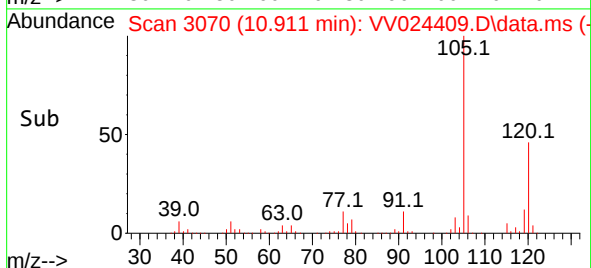
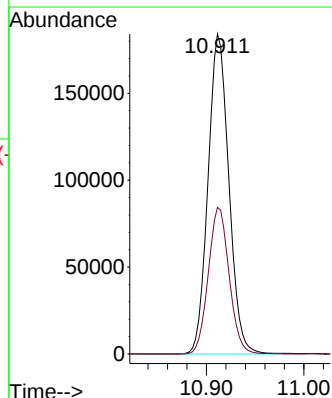
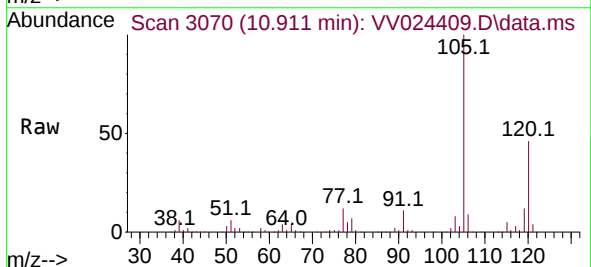
Acq: 20 Jan 2022 11:23

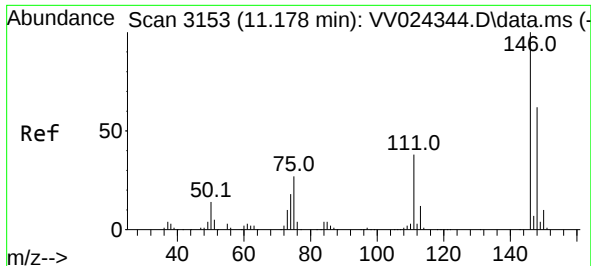
Tgt Ion:105 Resp: 272938

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0

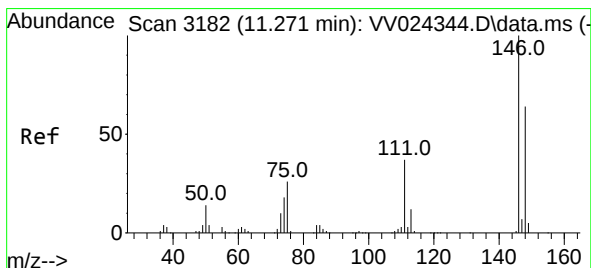
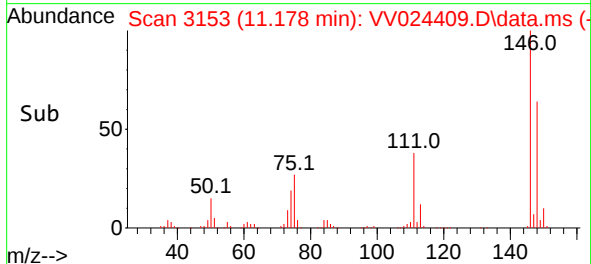
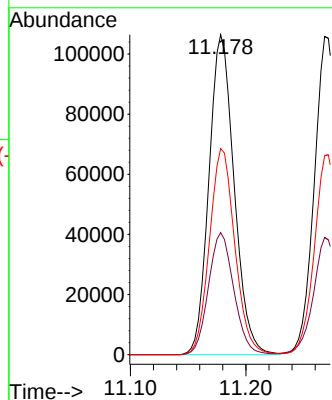
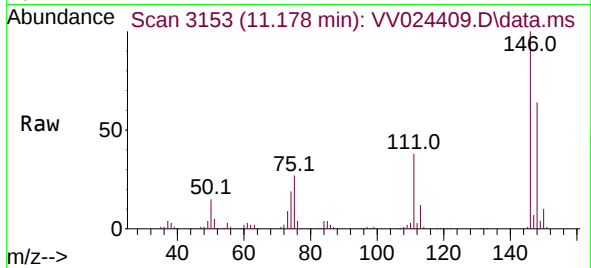




#64
1,3-Dichlorobenzene
Concen: 43.294 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

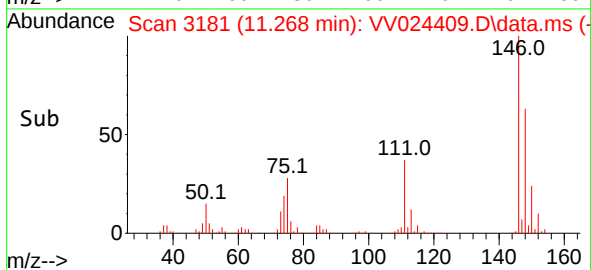
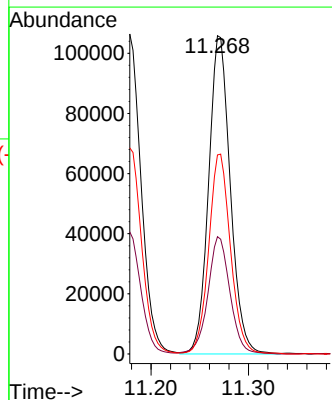
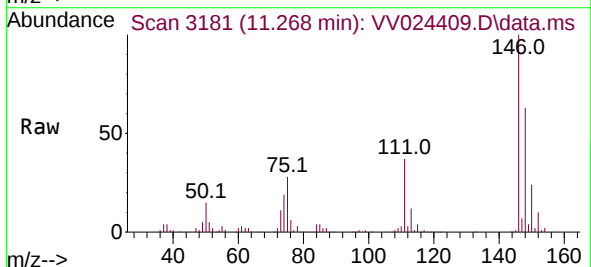
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

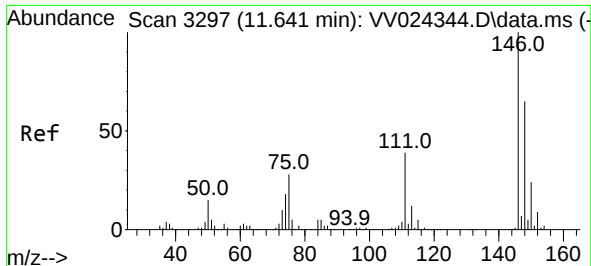
Tgt Ion:146 Resp: 161343
Ion Ratio Lower Upper
146 100
111 38.2 26.5 49.3
148 64.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 42.551 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion:146 Resp: 163537
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 62.5 44.9 83.5

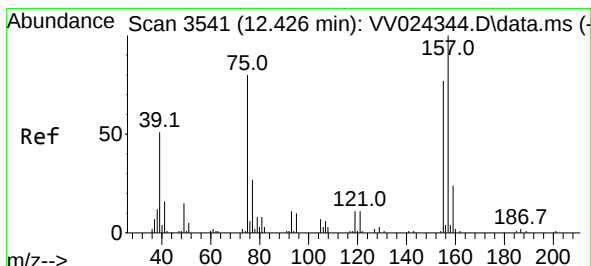
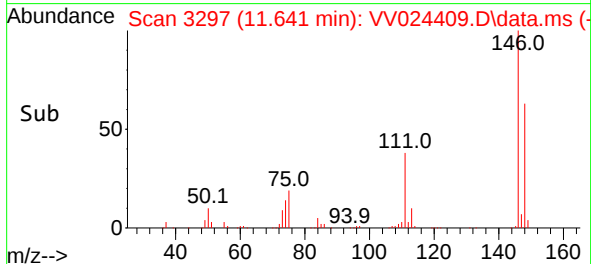
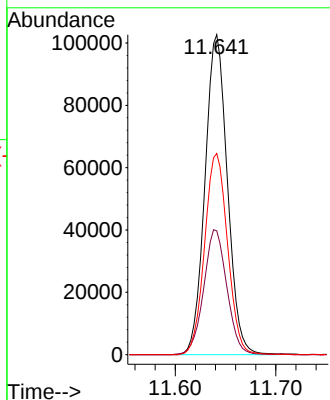
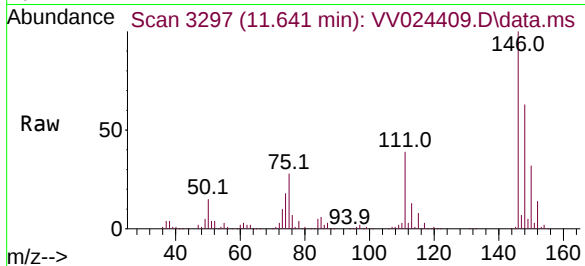




#67
1,2-Dichlorobenzene
Concen: 41.436 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

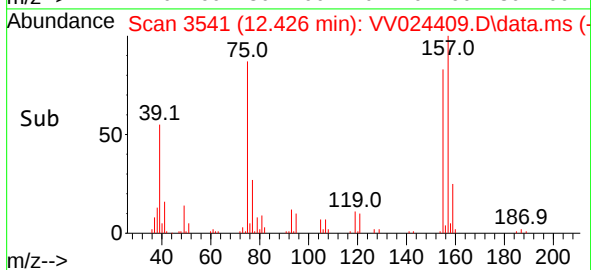
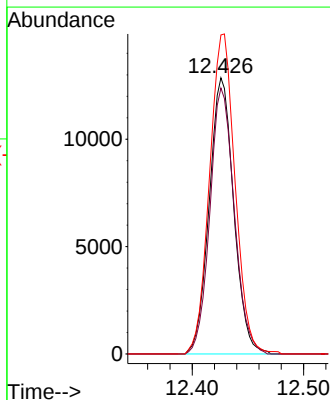
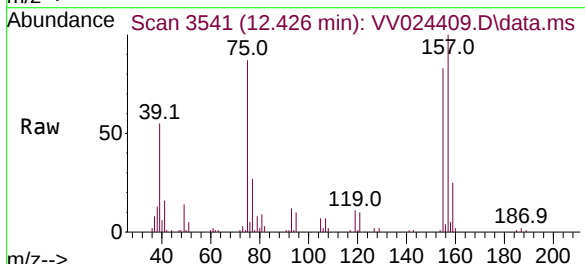
Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

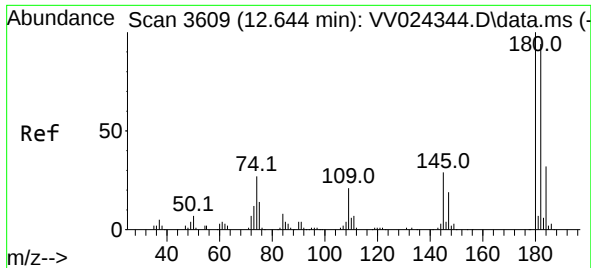
Tgt Ion:146 Resp: 159149
Ion Ratio Lower Upper
146 100
111 38.7 32.0 48.0
148 62.9 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 35.619 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion: 75 Resp: 19676
Ion Ratio Lower Upper
75 100
155 96.3 73.2 109.8
157 115.5 98.5 147.7

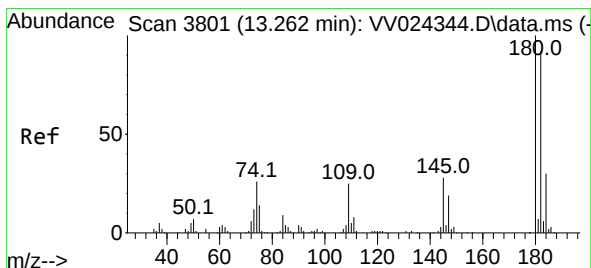
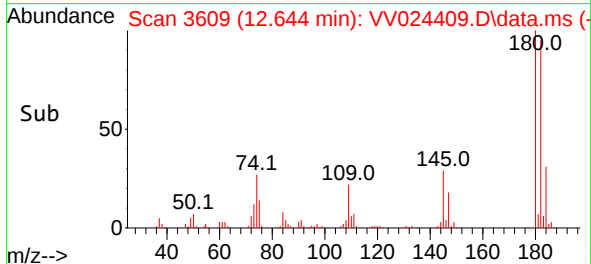
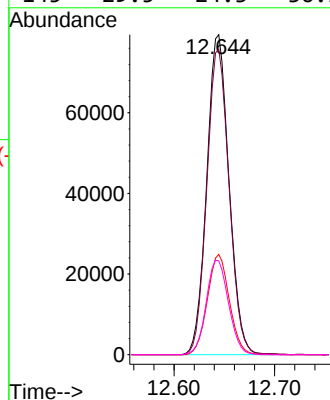
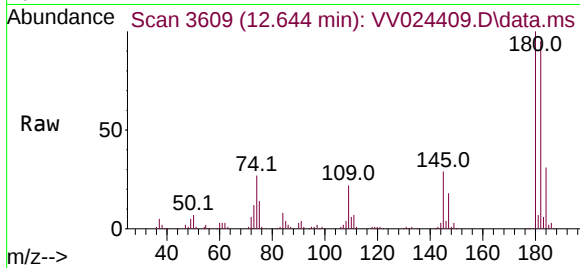




#69
 1,3,5-Trichlorobenzene
 Concen: 42.633 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

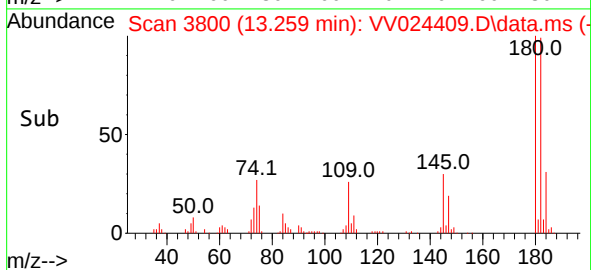
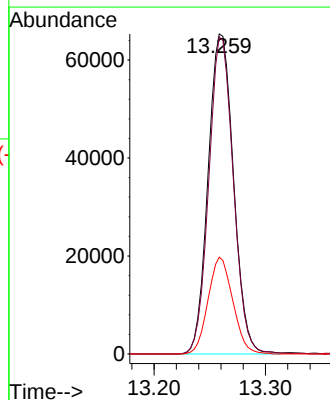
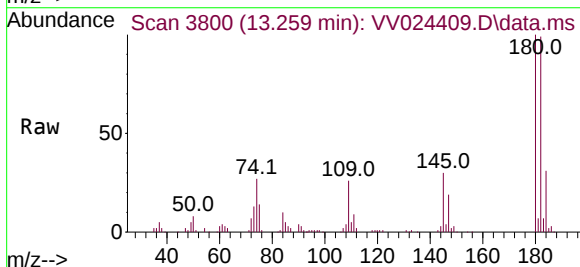
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050396

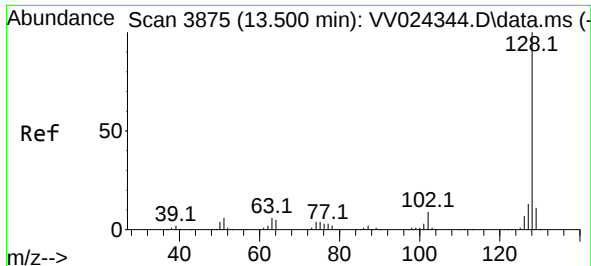
Tgt Ion:180 Resp: 122209
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.4 113.2
 184 30.8 24.7 37.1
 145 29.5 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 42.186 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024409.D
 Acq: 20 Jan 2022 11:23

Tgt Ion:180 Resp: 103420
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.6 113.4
 145 29.4 23.9 35.9

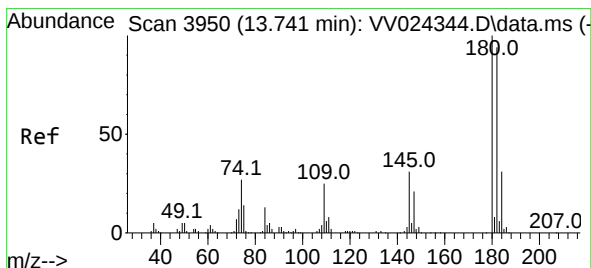
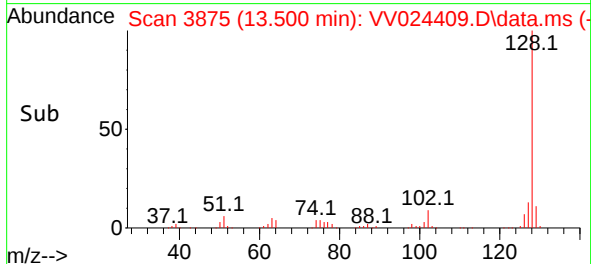
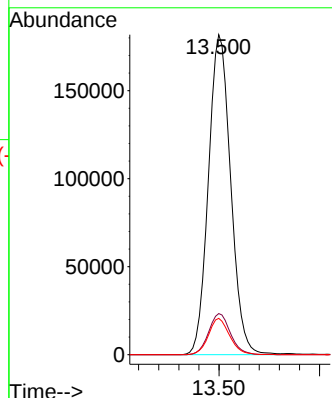
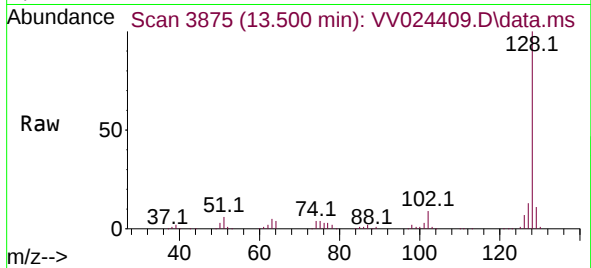




#71
Naphthalene
Concen: 39.425 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD050396

Tgt Ion:128 Resp: 279632
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 40.825 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024409.D
Acq: 20 Jan 2022 11:23

Tgt Ion:180 Resp: 103439
Ion Ratio Lower Upper
180 100
182 94.6 76.1 114.1
145 31.8 25.0 37.4

