

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112922\
 Data File : VW029375.D
 Acq On : 29 Nov 2022 09:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Quant Time: Nov 30 00:15:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	309756	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	274726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	145178	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89723	4.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.564	69	70297	5.038	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.105	63	146072	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.896	46	149121	46.762	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.520%
24) Chloroform-d	4.336	84	169677	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.024	65	74801	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.040	84	356963	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.059	67	102879	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.307	98	335338	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.612	79	40848	4.966	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.082	63	160648	54.789	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.580%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73107	5.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	124214	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	112387	4.863	ug/L	100
3) Chloromethane	1.240	50	121358	5.731	ug/L	98
5) Vinyl chloride	1.307	62	111272	5.273	ug/L	98
6) Bromomethane	1.519	94	48558	3.688	ug/L	100
8) Chloroethane	1.580	64	65249	5.203	ug/L	96
9) Trichlorofluoromethane	1.751	101	146452	4.958	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	83187	5.051	ug/L	99
12) 1,1-Dichloroethene	2.114	96	81238	5.101	ug/L	94
13) Acetone	2.195	43	86617	37.357	ug/L	96
14) Carbon disulfide	2.291	76	233675	5.049	ug/L	100
15) Methyl Acetate	2.436	43	25198	3.781	ug/L	90
16) Methylene chloride	2.500	84	105190	4.322	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	202937	4.983	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	94465	5.168	ug/L	98
19) 1,1-Dichloroethane	3.182	63	171068	5.200	ug/L	98
21) 2-Butanone	3.979	43	161061	44.372	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	104905	5.017	ug/L	95
23) Bromochloromethane	4.236	128	44024	5.256	ug/L	96
25) Chloroform	4.362	83	174850	5.090	ug/L	99

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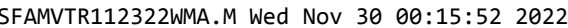
Instrument :
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 ClientSampleId :
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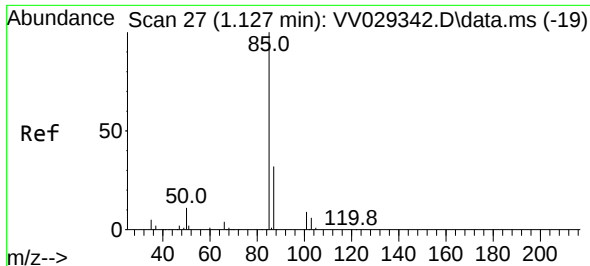
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	93900	5.045	ug/L	97
29) 1,1,1-Trichloroethane	4.596	97	153646	4.862	ug/L	100
30) Cyclohexane	4.667	56	152209	4.873	ug/L	97
31) Carbon tetrachloride	4.818	117	130213	4.873	ug/L	98
33) Benzene	5.088	78	392128	4.772	ug/L	100
34) Trichloroethene	5.905	95	101172	4.827	ug/L	97
35) Methylcyclohexane	6.120	83	172493	4.875	ug/L	99
37) 1,2-Dichloropropane	6.162	63	95595	4.939	ug/L	100
38) Bromodichloromethane	6.500	83	117406	5.067	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	139729	4.938	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	445481	49.185	ug/L	100
42) Toluene	7.378	91	427778	4.851	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	112621	5.025	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	66561	5.079	ug/L	99
47) Tetrachloroethene	7.966	164	82640	4.810	ug/L	97
48) 2-Hexanone	8.133	43	322640	51.098	ug/L	98
49) Dibromochloromethane	8.236	129	77255	5.241	ug/L	97
50) 1,2-Dibromoethane	8.342	107	59736	5.224	ug/L	98
51) Chlorobenzene	8.873	112	276974	5.025	ug/L	98
52) Ethylbenzene	9.001	91	459190	4.994	ug/L	100
53) m,p-Xylene	9.130	106	181113	4.994	ug/L	97
54) o-Xylene	9.535	106	179101	5.028	ug/L	97
55) Styrene	9.551	104	308966	5.138	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	74510	5.495	ug/L	99
59) Bromoform	9.722	173	41759	5.475	ug/L	99
60) Isopropylbenzene	9.921	105	476302	5.074	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	53517	5.315	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	405628	4.991	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	398471	4.875	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	221493	5.058	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	217605	5.023	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	202980	5.031	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	10397	5.258	ug/L	99
69) 1,3,5-Trichlorobenzene	12.631	180	183263	5.080	ug/L	97
70) 1,2,4-trichlorobenzene	13.249	180	144432	4.940	ug/L	100
71) Naphthalene	13.493	128	114435	4.522	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	120081	5.046	ug/L	99

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

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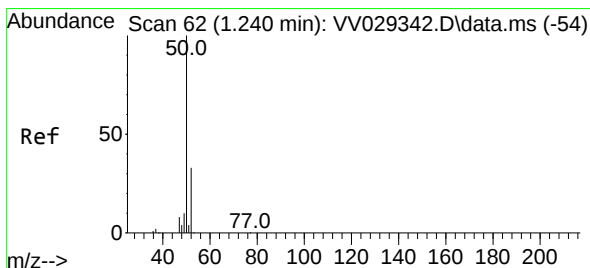
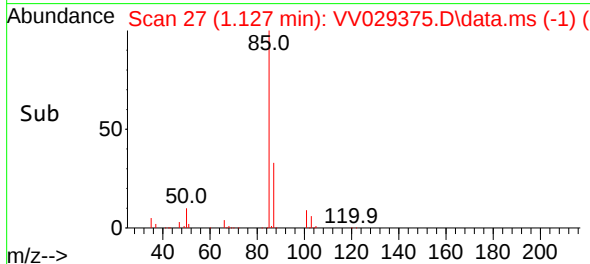
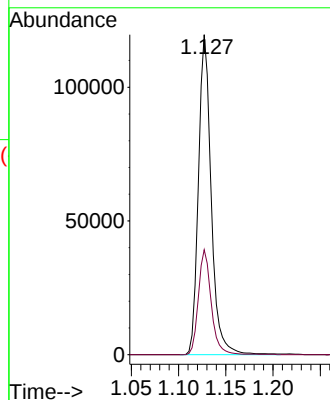
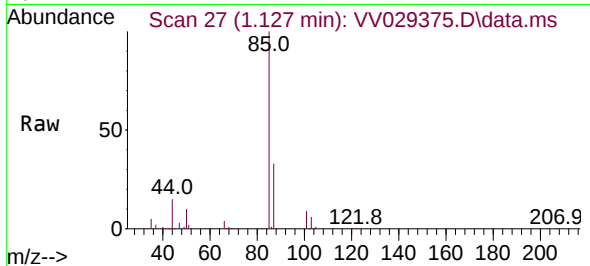




#2
 Dichlorodifluoromethane
 Concen: 4.863 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029375.D
 Acq: 29 Nov 2022 09:27

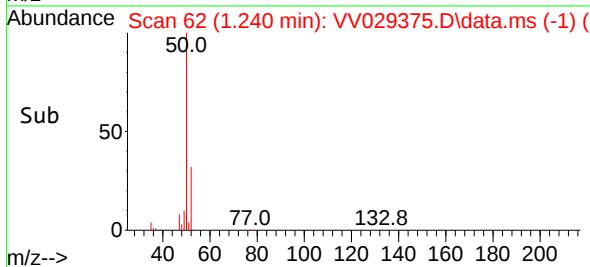
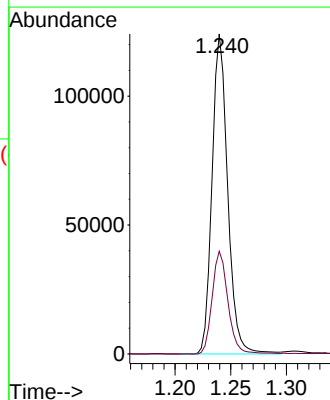
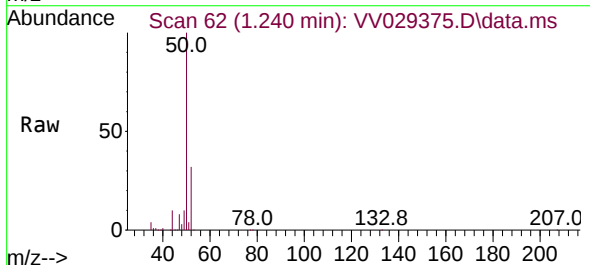
Instrument :
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 ClientSampleId :
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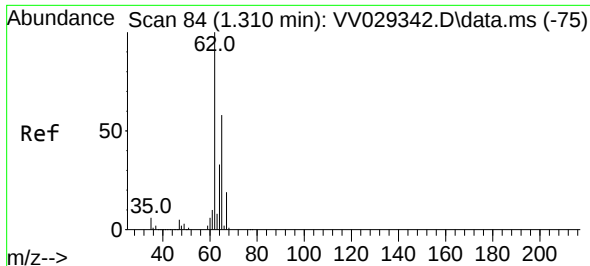
Tgt Ion: 85 Resp: 112387
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 5.731 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029375.D
 Acq: 29 Nov 2022 09:27

Tgt Ion: 50 Resp: 121358
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.2 43.2

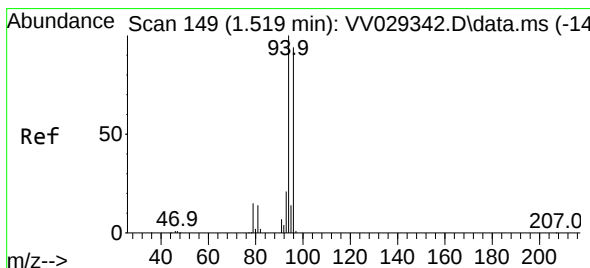
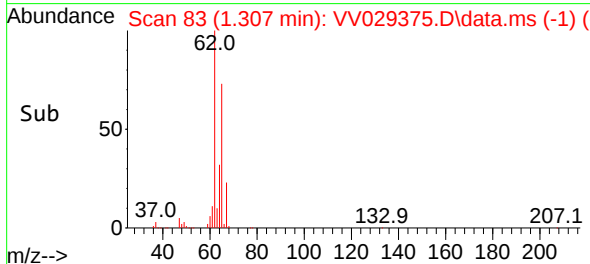
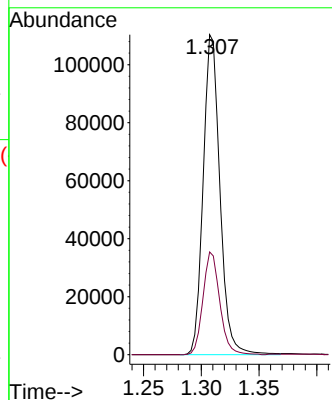
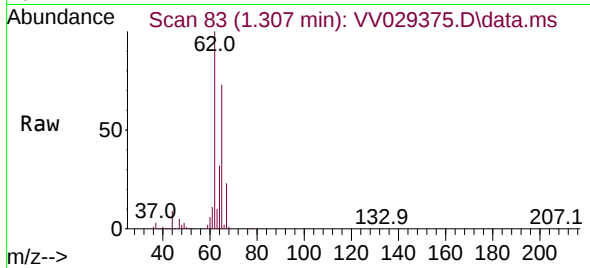




#5
 Vinyl chloride
 Concen: 5.273 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029375.D
 Acq: 29 Nov 2022 09:27

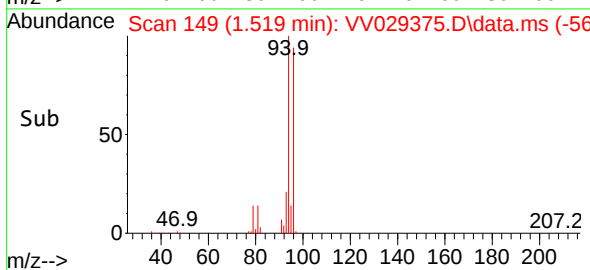
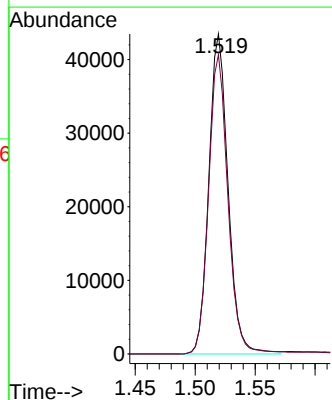
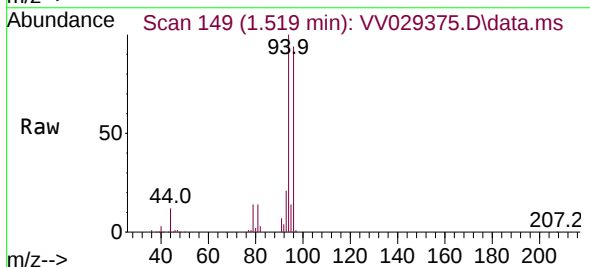
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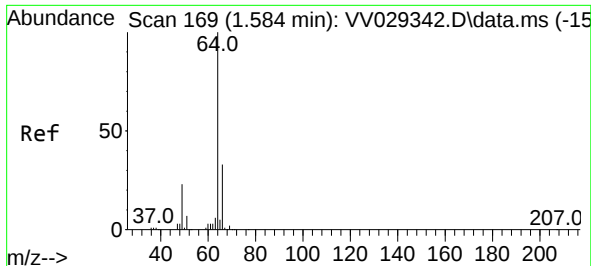
Tgt Ion: 62 Resp: 111272
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.4



#6
 Bromomethane
 Concen: 3.688 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029375.D
 Acq: 29 Nov 2022 09:27

Tgt Ion: 94 Resp: 48558
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.4 121.4

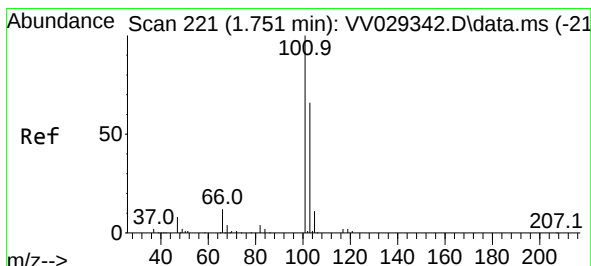
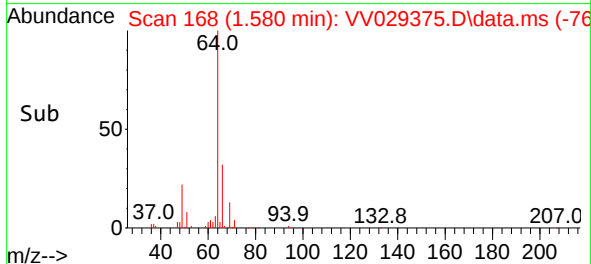
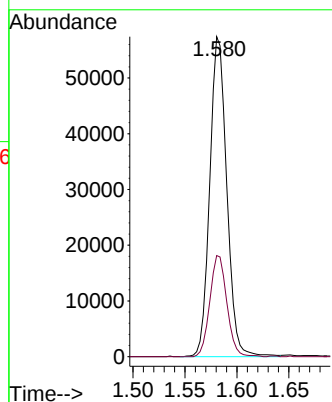
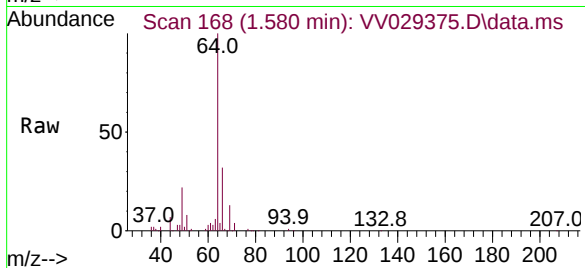




#8
Chloroethane
Concen: 5.203 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

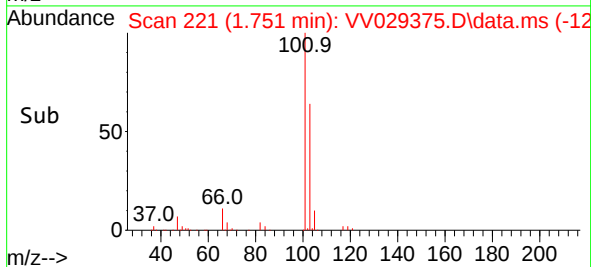
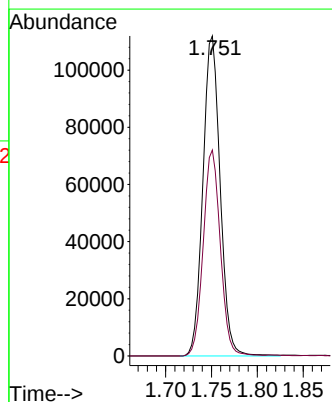
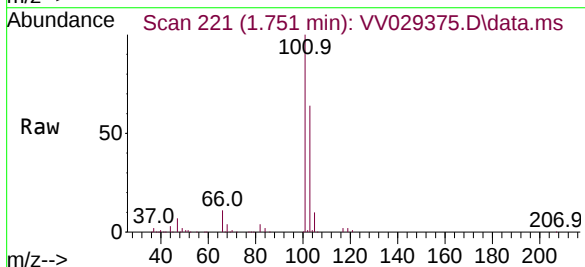
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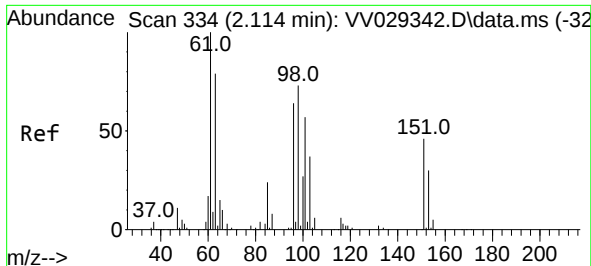
Tgt Ion: 64 Resp: 65249
Ion Ratio Lower Upper
64 100
66 31.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.958 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 101 Resp: 146452
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.8

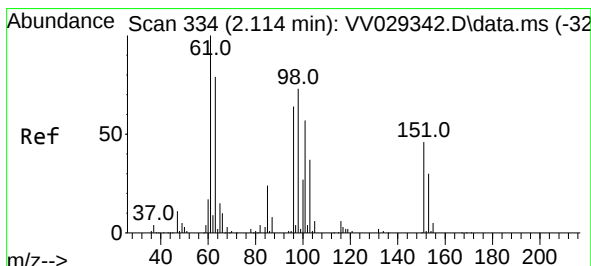
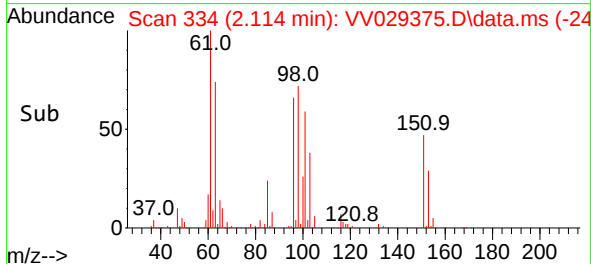
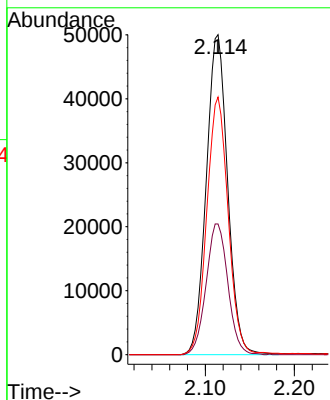
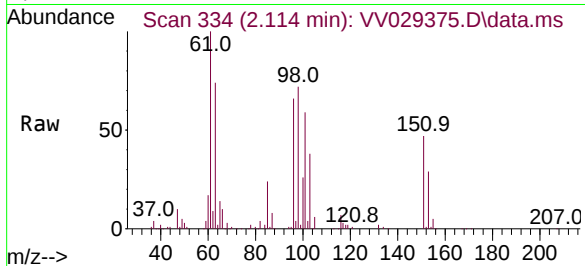




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.051 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029375.D
 Acq: 29 Nov 2022 09:27

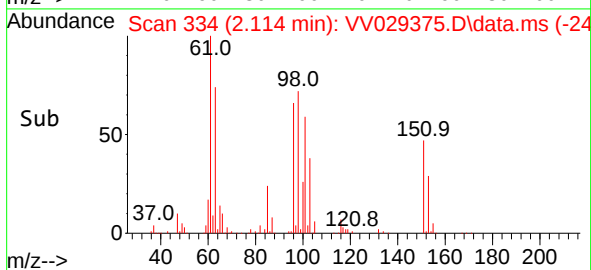
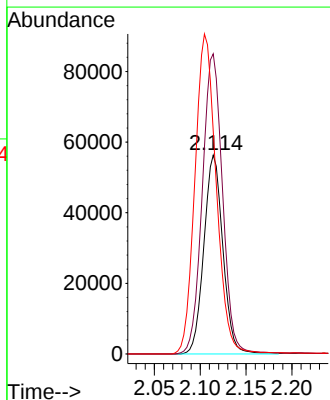
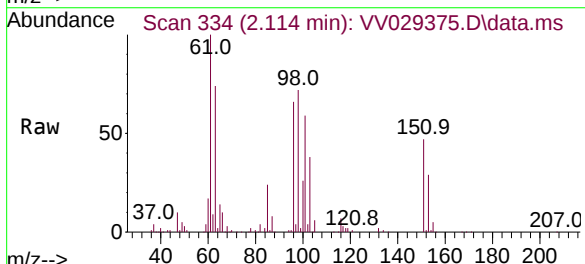
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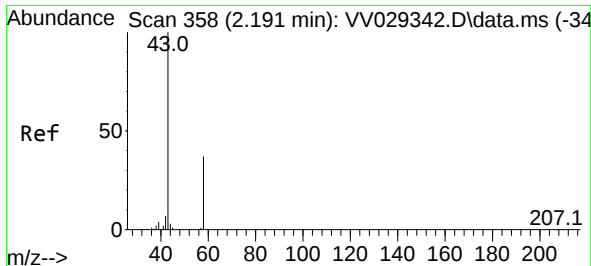
Tgt Ion:101 Resp: 83187
 Ion Ratio Lower Upper
 101 100
 85 41.7 33.6 50.4
 151 80.9 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 5.101 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029375.D
 Acq: 29 Nov 2022 09:27

Tgt Ion: 96 Resp: 81238
 Ion Ratio Lower Upper
 96 100
 61 150.9 110.3 204.9
 63 112.0 84.4 156.8





#13

Acetone

Concen: 37.357 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.003 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

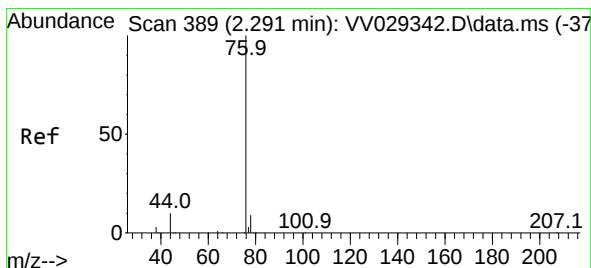
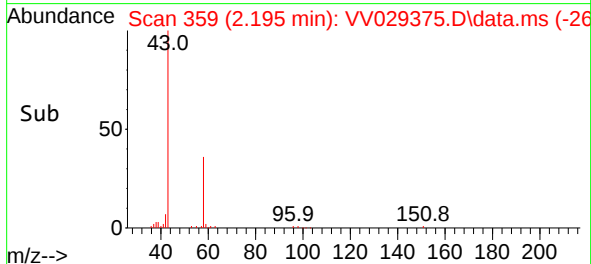
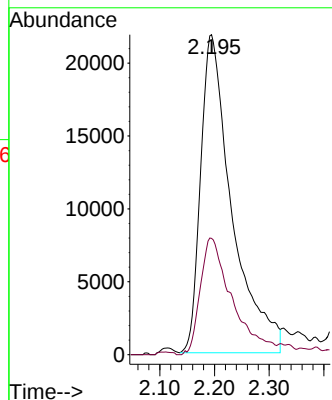
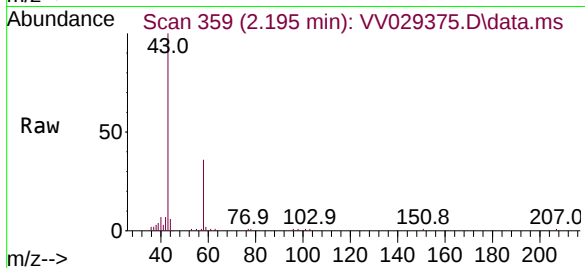
VSTD005372

Tgt Ion: 43 Resp: 86617

Ion Ratio Lower Upper

43 100

58 37.6 0.0 70.8



#14

Carbon disulfide

Concen: 5.049 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029375.D

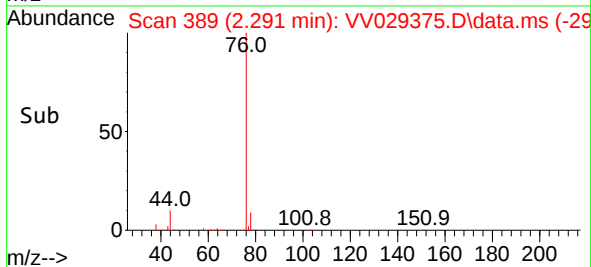
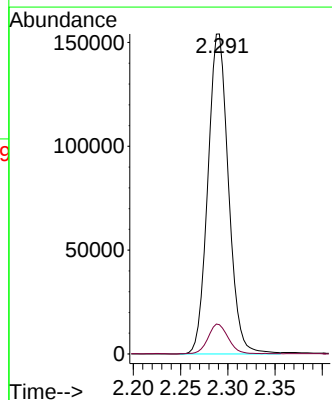
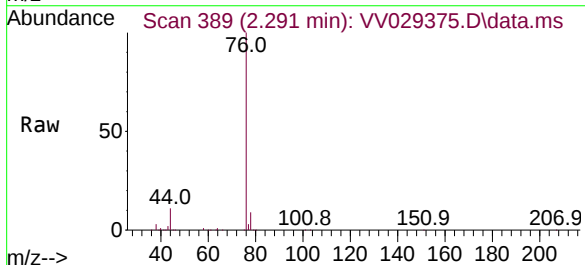
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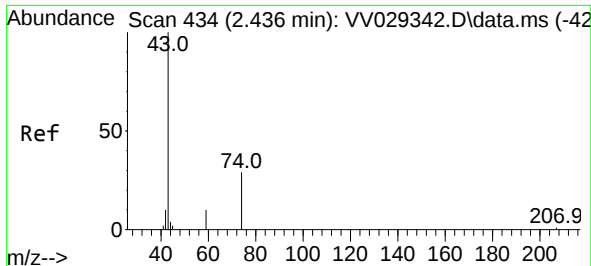
Tgt Ion: 76 Resp: 233675

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

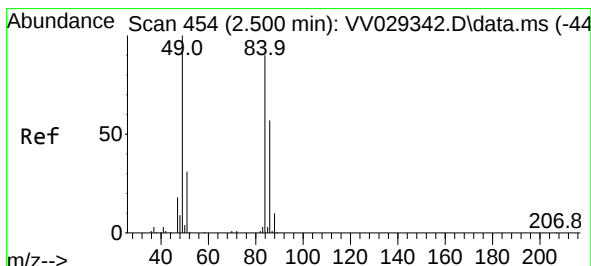
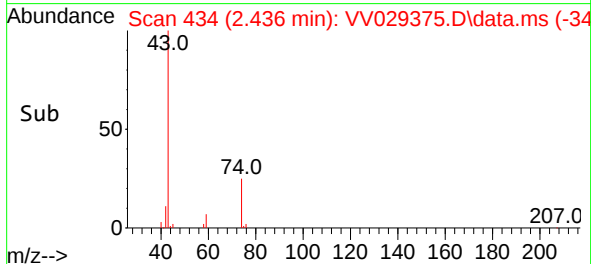
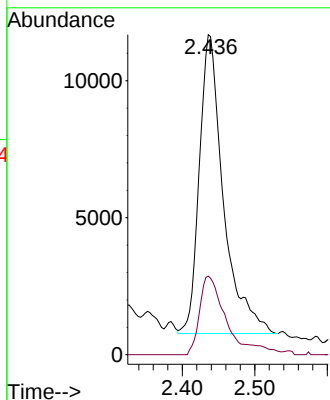
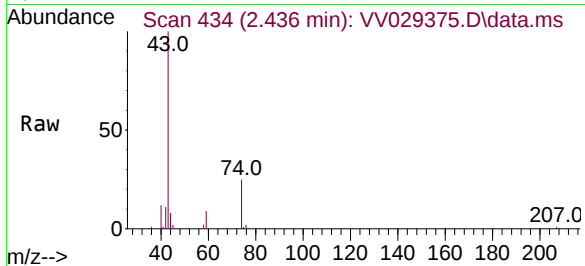




#15
Methyl Acetate
Concen: 3.781 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

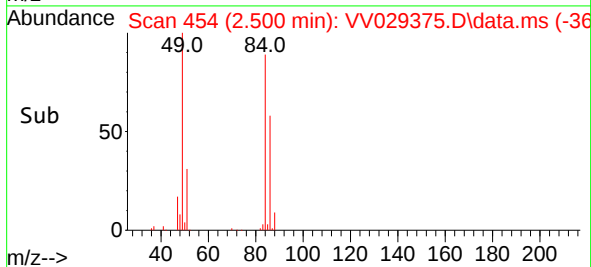
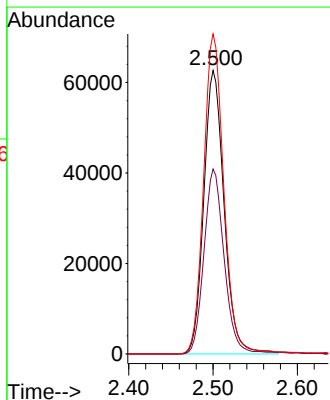
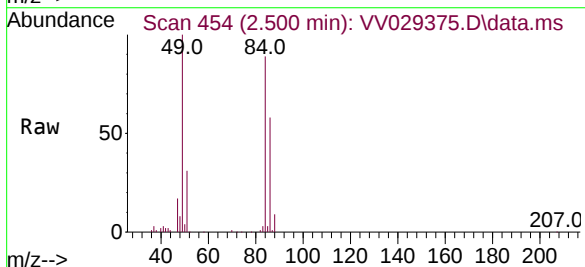
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

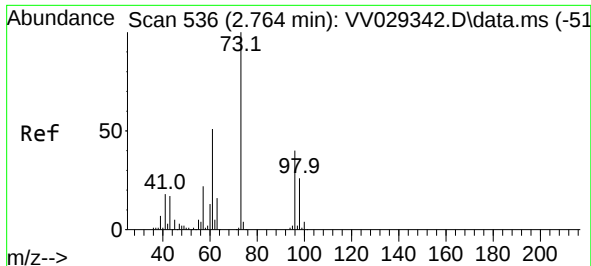
Tgt Ion: 43 Resp: 25198
Ion Ratio Lower Upper
43 100
74 29.3 19.6 29.4



#16
Methylene chloride
Concen: 4.322 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 84 Resp: 105190
Ion Ratio Lower Upper
84 100
86 65.3 45.6 84.6
49 112.9 77.8 144.4

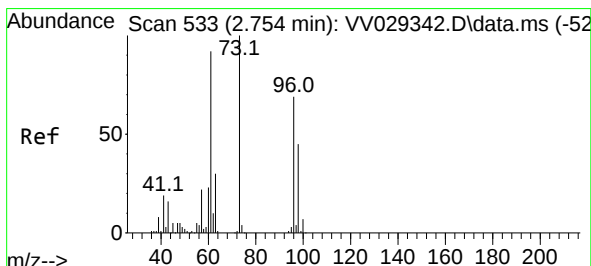
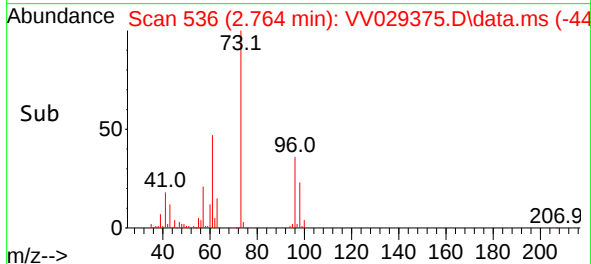
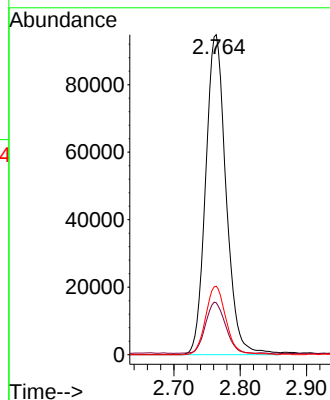
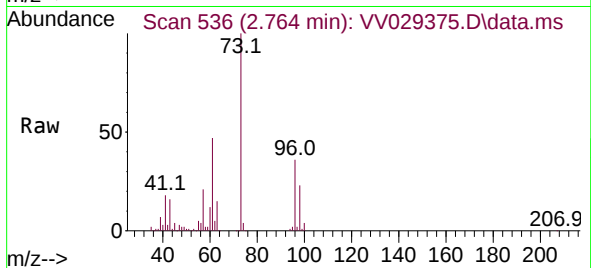




#17
Methyl tert-butyl Ether
Concen: 4.983 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

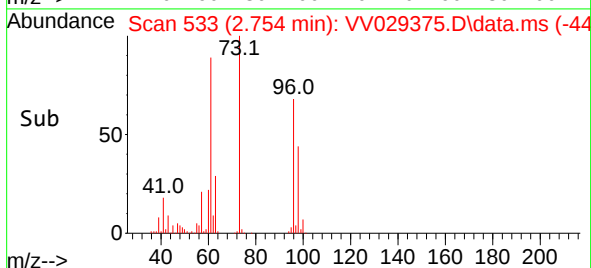
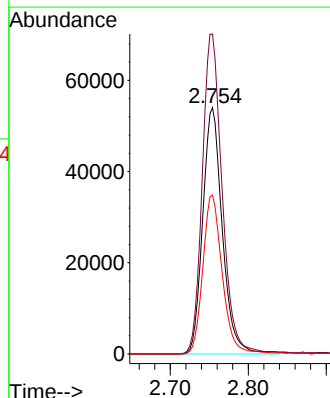
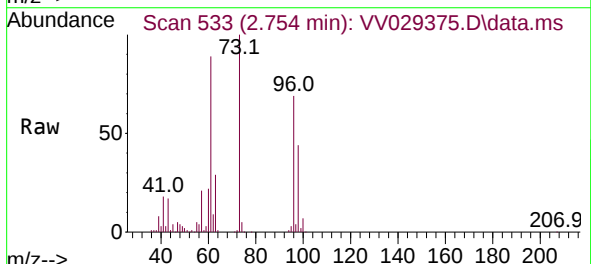
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

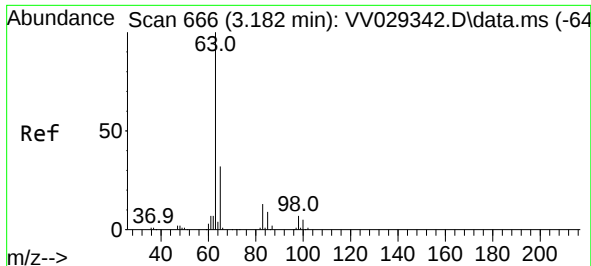
Tgt Ion: 73 Resp: 202937
Ion Ratio Lower Upper
73 100
43 15.6 13.2 19.8
57 21.3 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.168 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 96 Resp: 94465
Ion Ratio Lower Upper
96 100
61 129.9 93.0 172.6
98 64.5 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.200 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

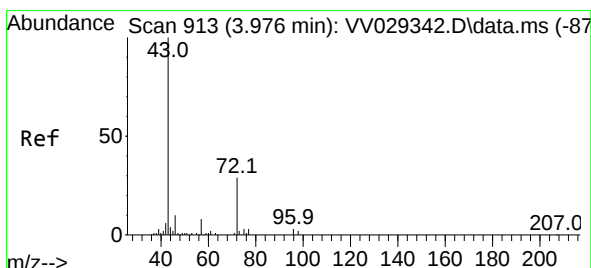
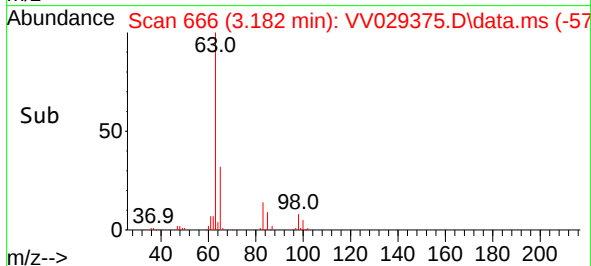
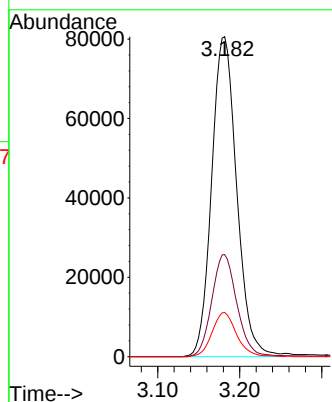
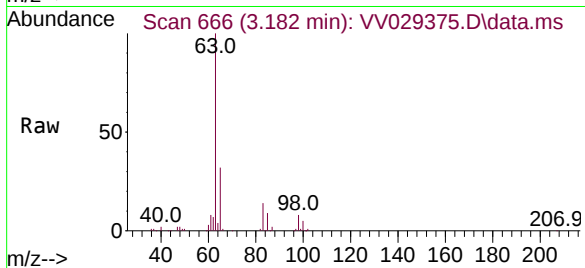
Tgt Ion: 63 Resp: 171068

Ion Ratio Lower Upper

63 100

65 31.9 21.6 40.2

83 13.8 10.3 19.1



#21

2-Butanone

Concen: 44.372 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.003 min

Lab File: VV029375.D

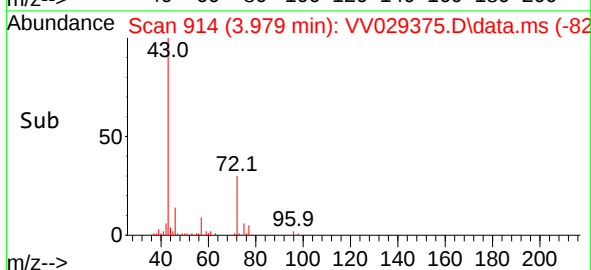
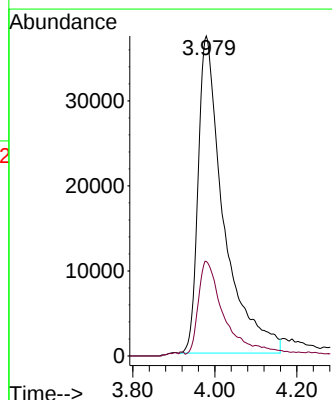
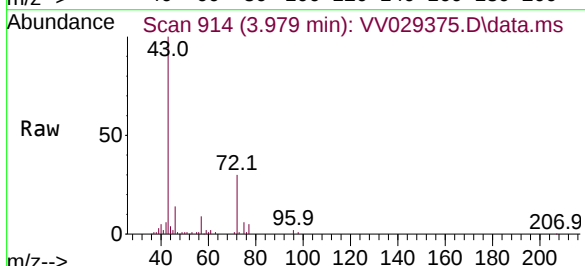
Acq: 29 Nov 2022 09:27

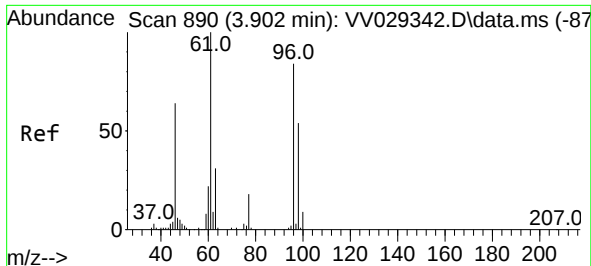
Tgt Ion: 43 Resp: 161061

Ion Ratio Lower Upper

43 100

72 27.4 13.8 41.3

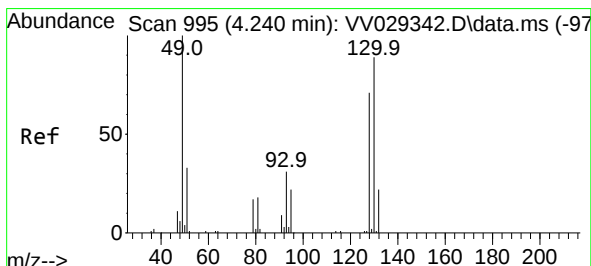
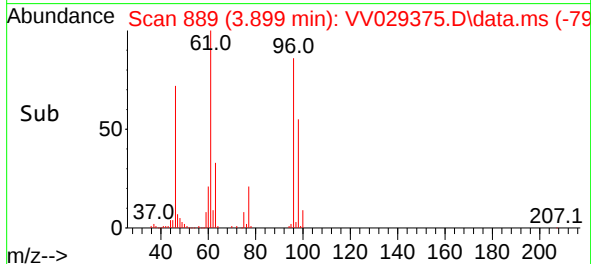
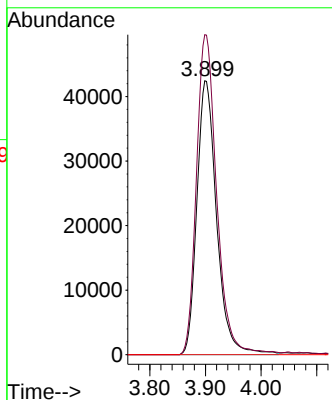
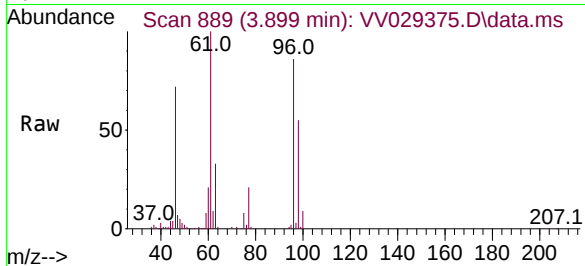




#22
 cis-1,2-Dichloroethene
 Concen: 5.017 ug/L
 RT: 3.899 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV029375.D
 Acq: 29 Nov 2022 09:27

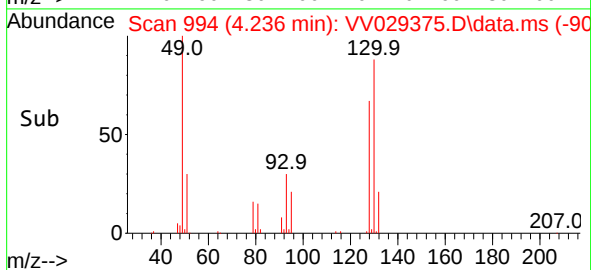
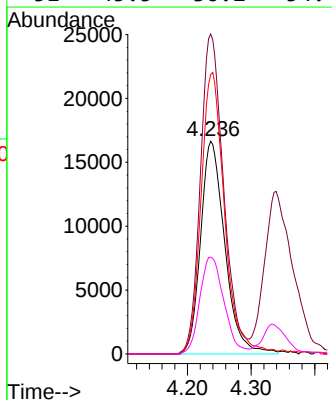
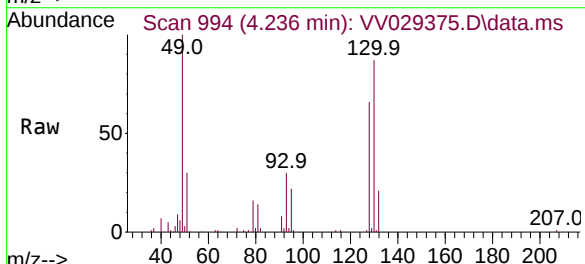
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

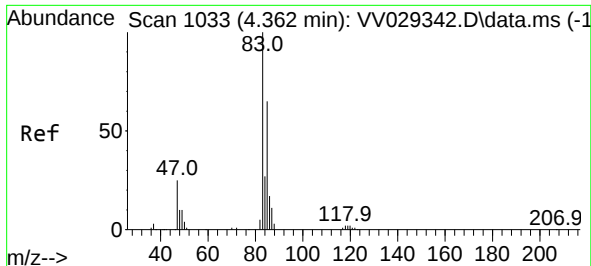
Tgt Ion: 96 Resp: 104905
 Ion Ratio Lower Upper
 96 100
 61 116.8 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.256 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV029375.D
 Acq: 29 Nov 2022 09:27

Tgt Ion: 128 Resp: 44024
 Ion Ratio Lower Upper
 128 100
 49 150.4 100.0 185.8
 130 131.4 90.2 167.6
 51 45.5 36.2 54.4





#25

Chloroform

Concen: 5.090 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

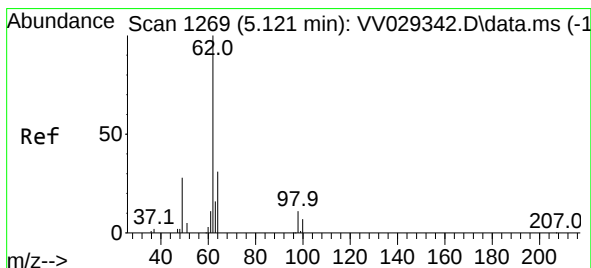
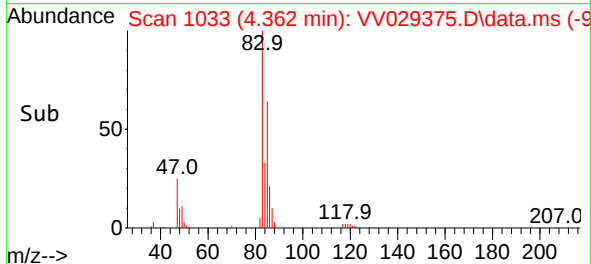
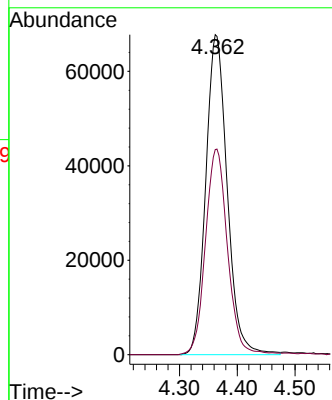
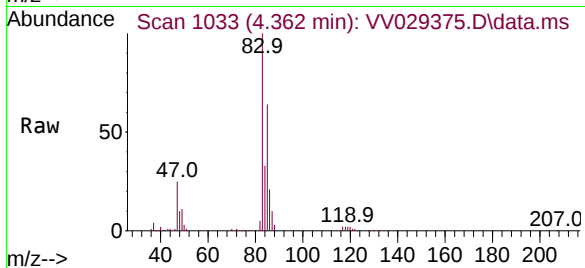
VSTD005372

Tgt Ion: 83 Resp: 174850

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.045 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VV029375.D

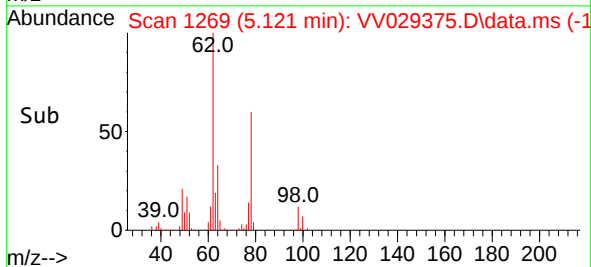
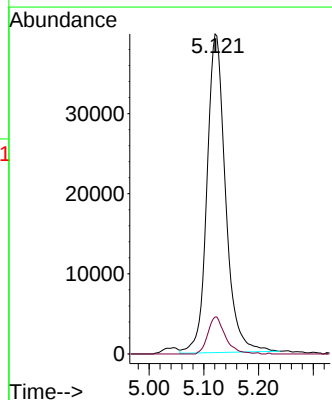
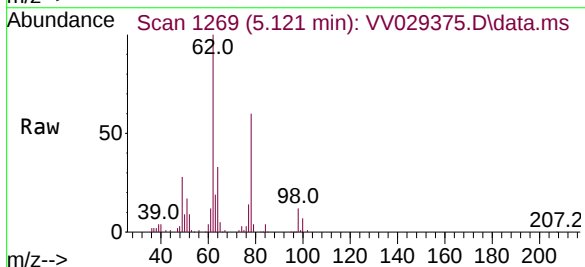
Acq: 29 Nov 2022 09:27

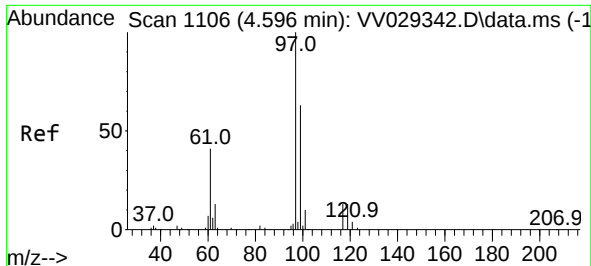
Tgt Ion: 62 Resp: 93900

Ion Ratio Lower Upper

62 100

98 11.5 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.862 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

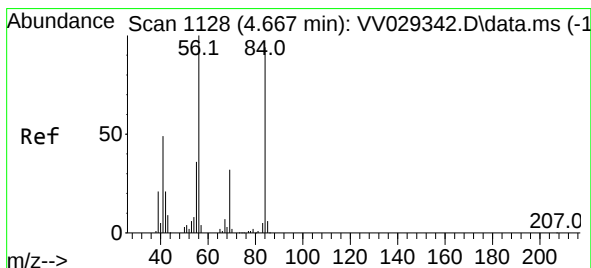
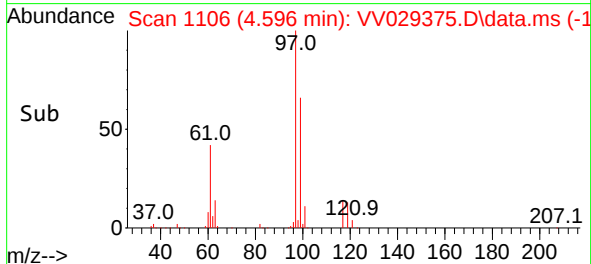
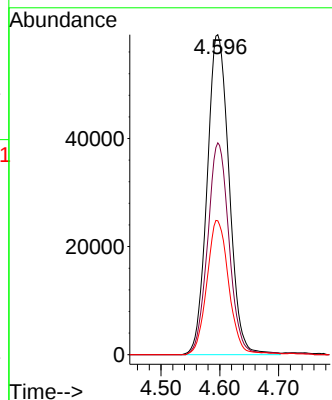
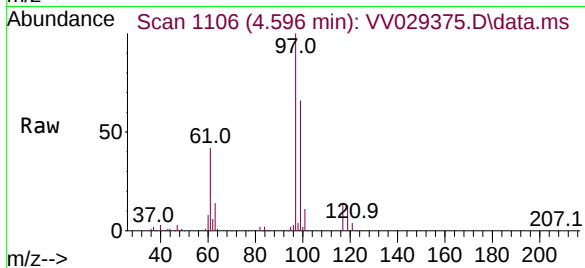
Tgt Ion: 97 Resp: 153646

Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 41.9 33.3 49.9



#30

Cyclohexane

Concen: 4.873 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

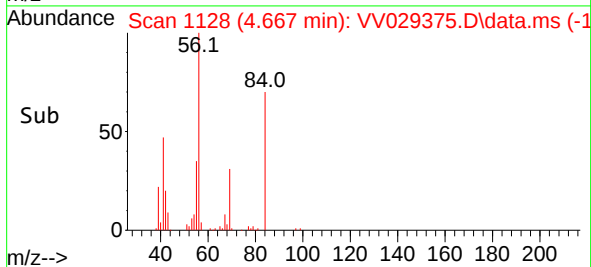
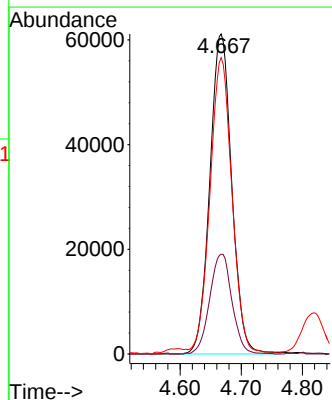
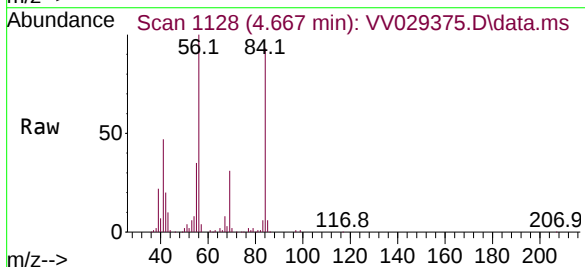
Tgt Ion: 56 Resp: 152209

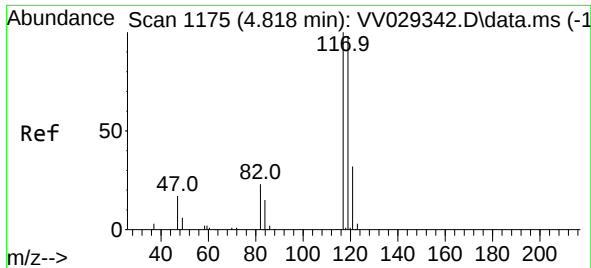
Ion Ratio Lower Upper

56 100

69 31.7 26.1 39.1

84 91.4 75.6 113.4

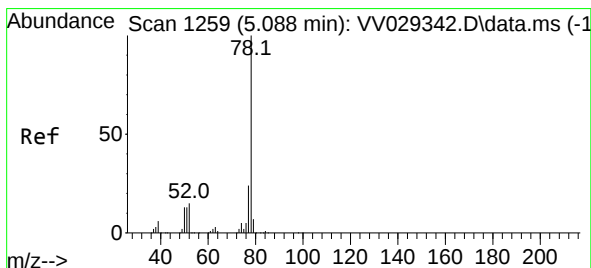
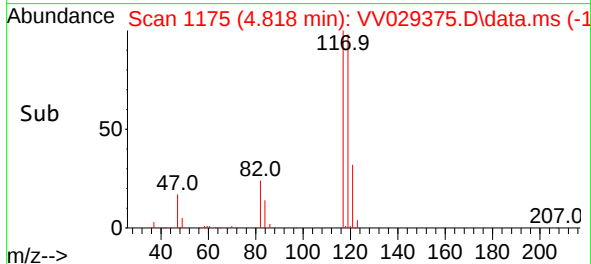
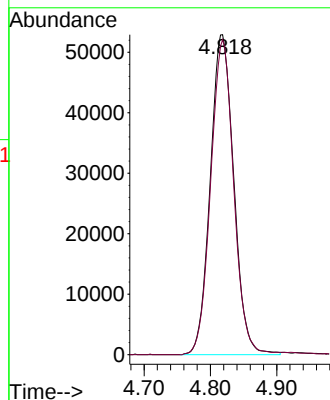
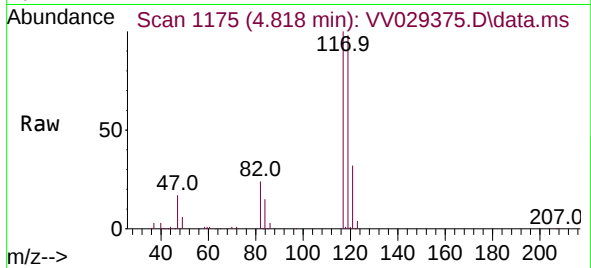




#31
Carbon tetrachloride
Concen: 4.873 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

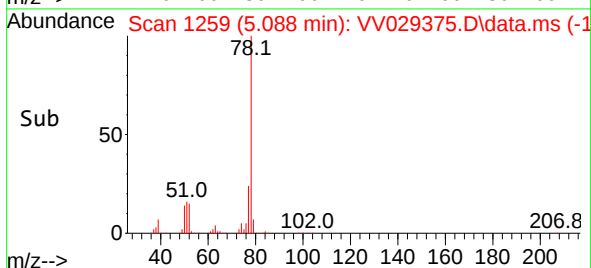
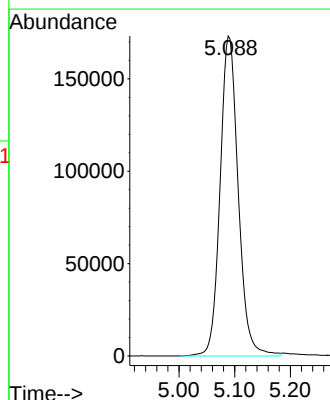
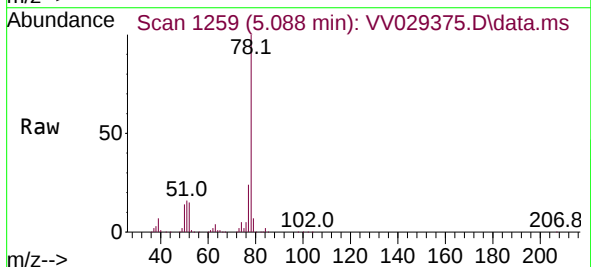
Instrument : MSVOA_V
ClientSampleId : VSTD005372

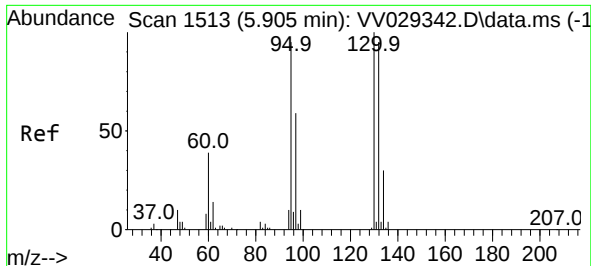
Tgt Ion:117 Resp: 130213
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5



#33
Benzene
Concen: 4.772 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 78 Resp: 392128



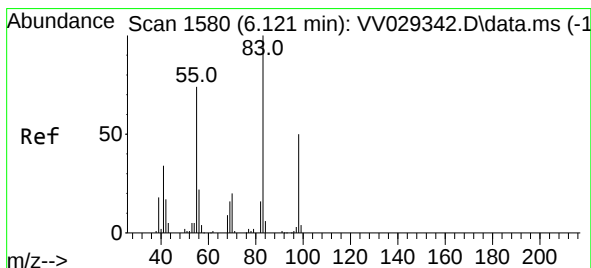
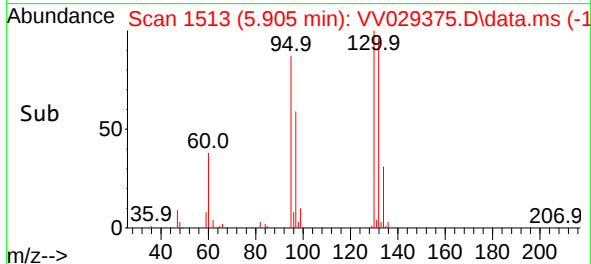
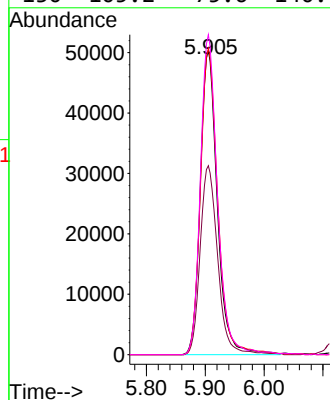
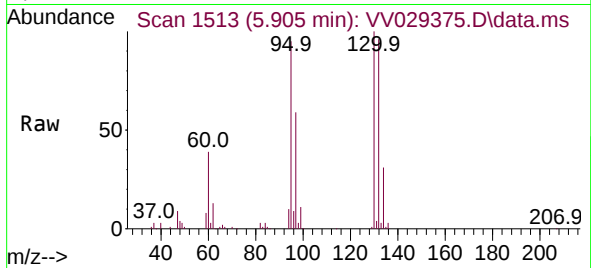


#34
Trichloroethene
Concen: 4.827 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

Tgt Ion: 95 Resp: 101172

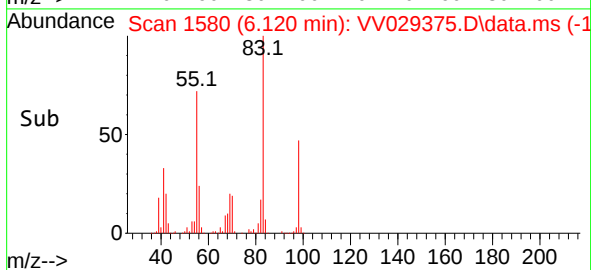
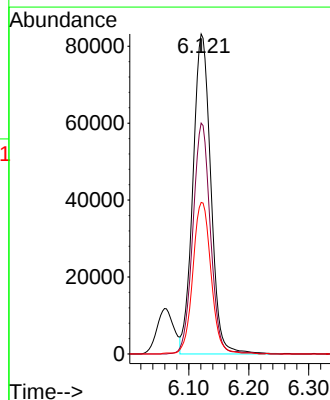
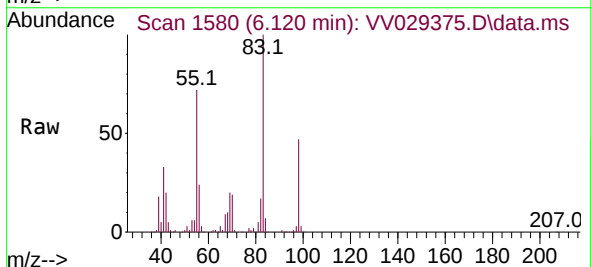
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.4	84.4
132	100.7	73.3	136.1
130	105.2	75.6	140.4

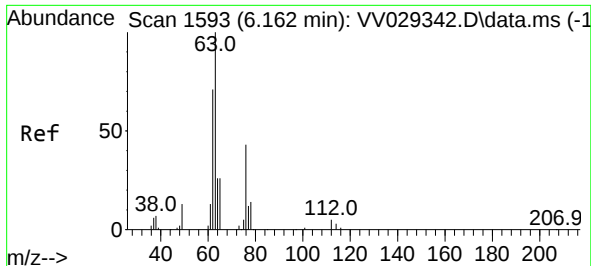


#35
Methylcyclohexane
Concen: 4.875 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 83 Resp: 172493

Ion	Ratio	Lower	Upper
83	100		
55	70.3	55.4	83.2
98	48.3	39.4	59.2





#37

1,2-Dichloropropane

Concen: 4.939 ug/L

RT: 6.162 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

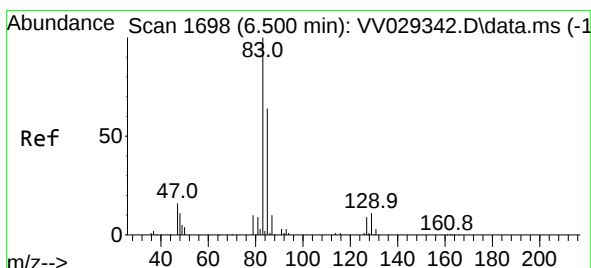
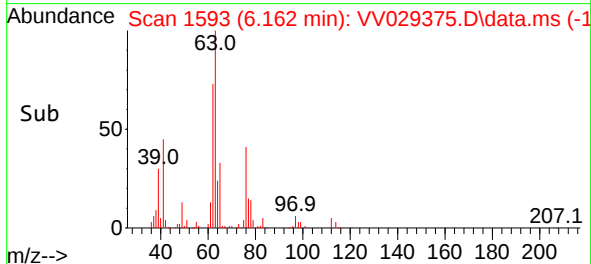
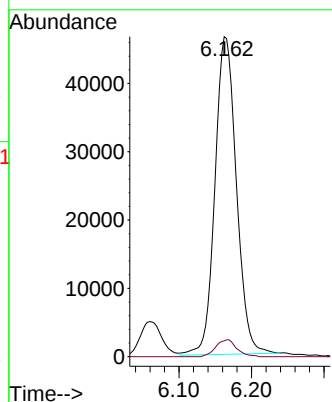
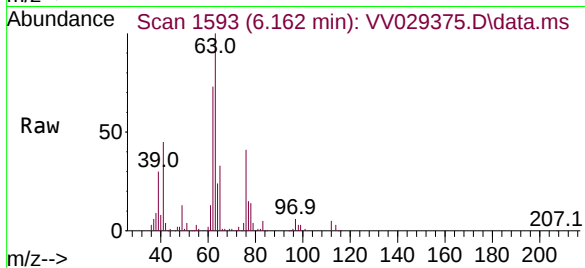
VSTD005372

Tgt Ion: 63 Resp: 95595

Ion Ratio Lower Upper

63 100

112 5.2 4.1 6.1



#38

Bromodichloromethane

Concen: 5.067 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

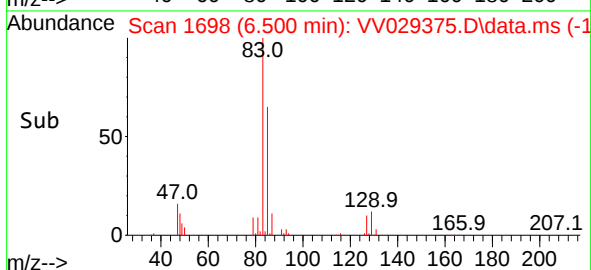
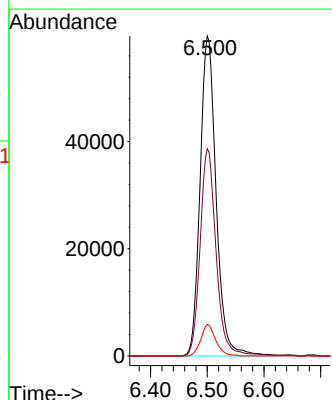
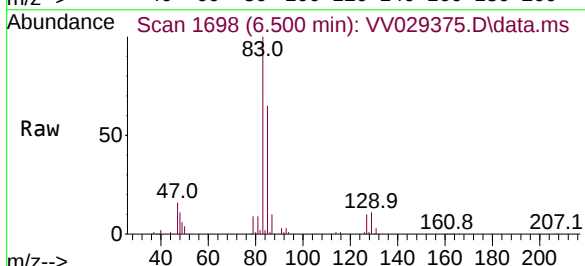
Tgt Ion: 83 Resp: 117406

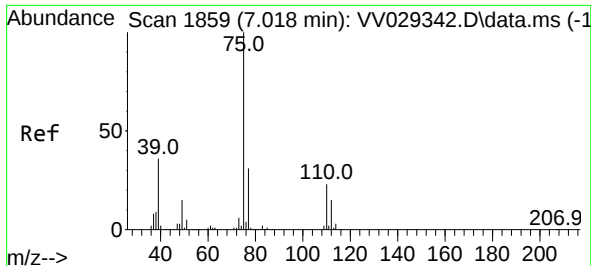
Ion Ratio Lower Upper

83 100

85 64.7 44.7 83.1

127 9.9 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 4.938 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

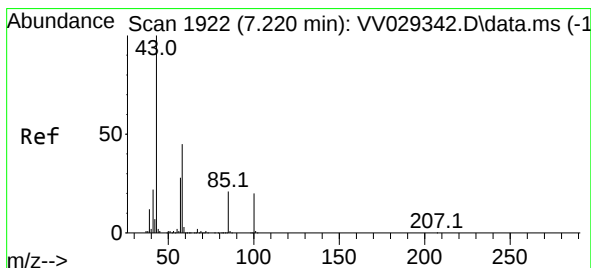
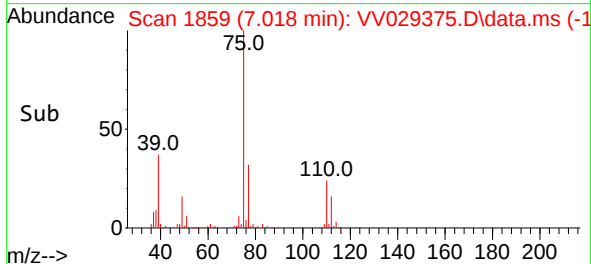
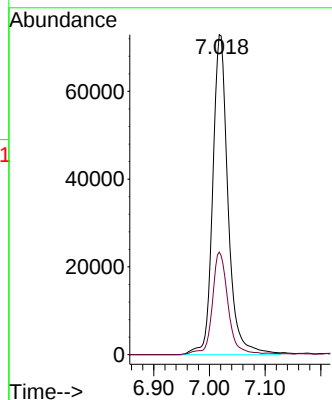
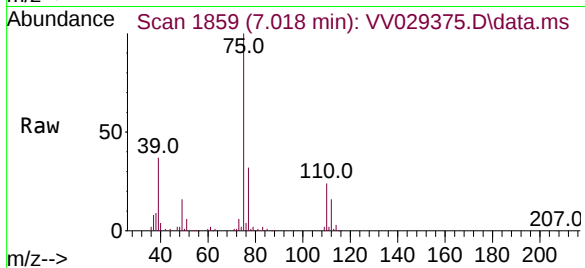
VSTD005372

Tgt Ion: 75 Resp: 139729

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 49.185 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

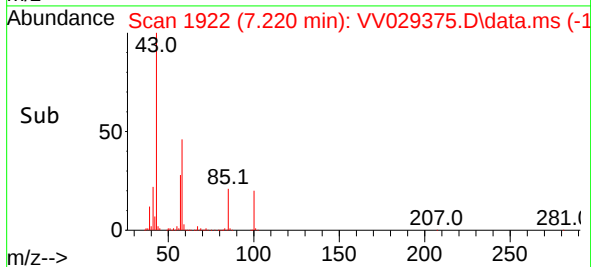
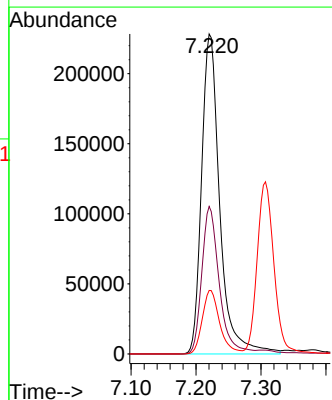
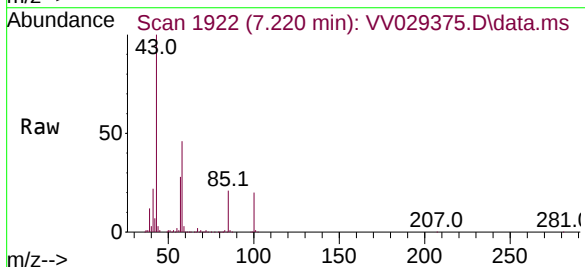
Tgt Ion: 43 Resp: 445481

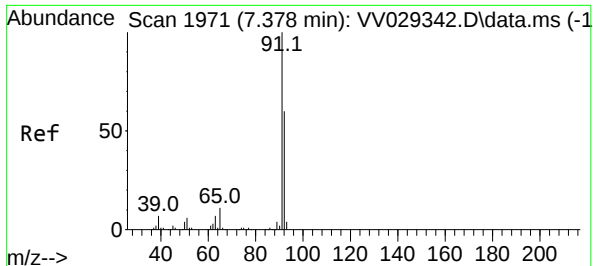
Ion Ratio Lower Upper

43 100

58 44.2 35.3 52.9

100 19.0 15.3 22.9

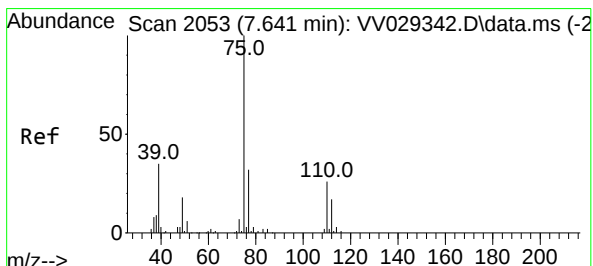
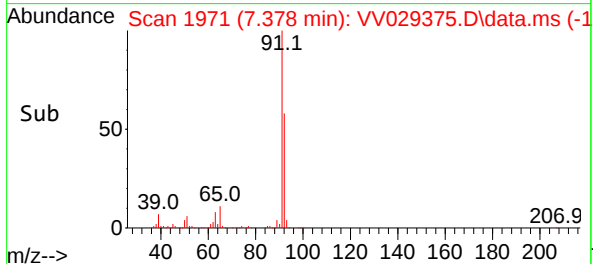
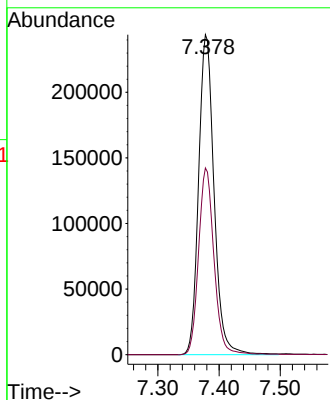
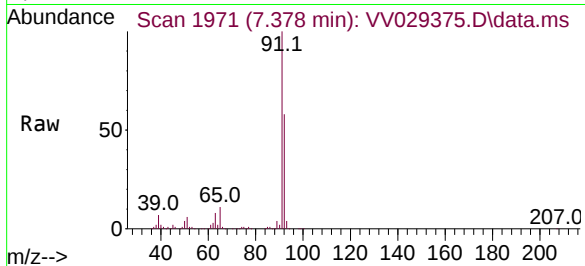




#42
Toluene
Concen: 4.851 ug/L
RT: 7.378 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

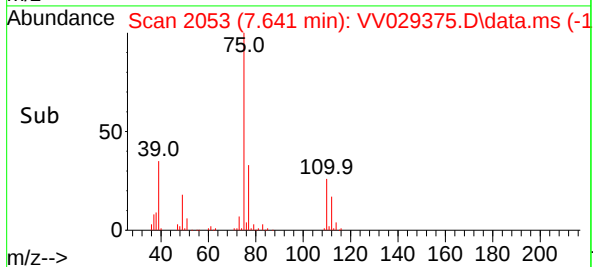
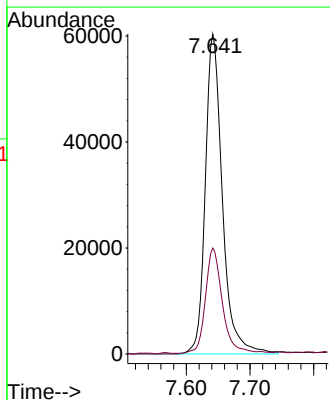
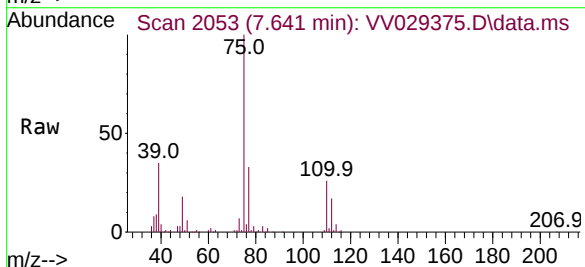
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

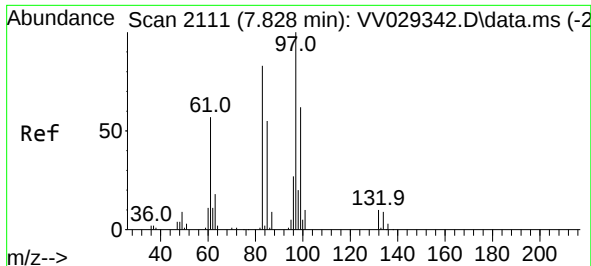
Tgt Ion: 91 Resp: 427778
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.025 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 75 Resp: 112621
Ion Ratio Lower Upper
75 100
77 33.1 22.4 41.6

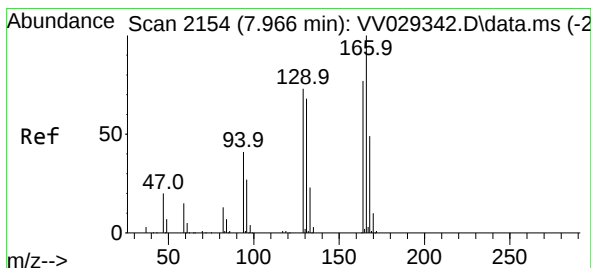
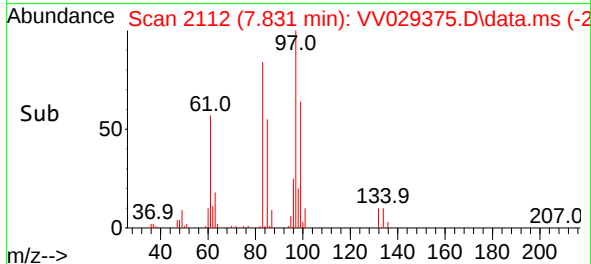
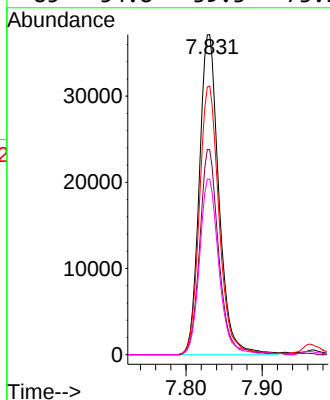
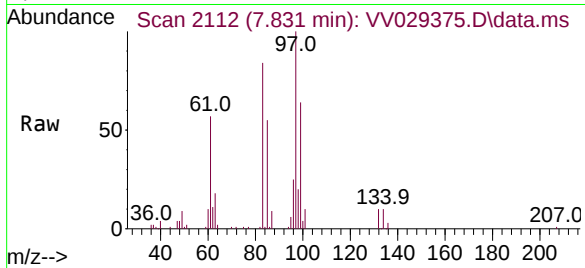




#45
1,1,2-Trichloroethane
Concen: 5.079 ug/L
RT: 7.831 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

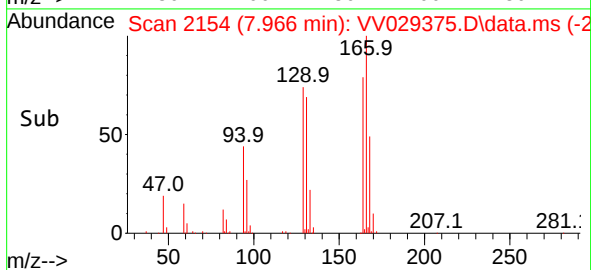
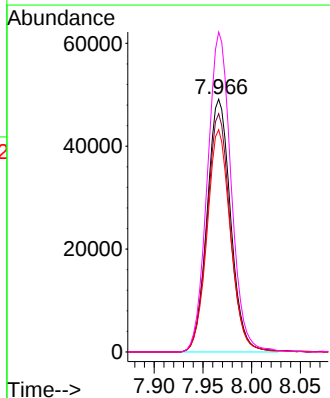
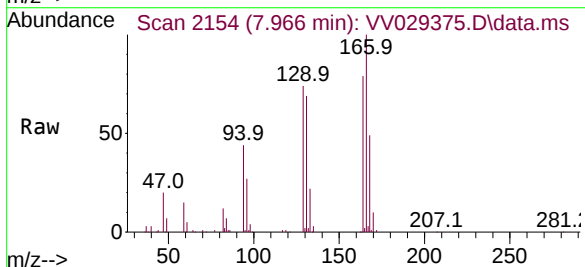
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

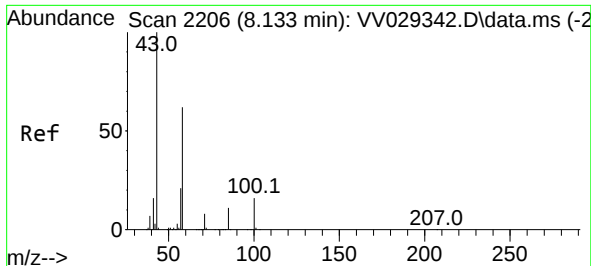
Tgt Ion:	97	Resp:	66561
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.4	82.5
83	84.0	59.5	110.5
85	54.8	39.3	73.1



#47
Tetrachloroethene
Concen: 4.810 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion:	164	Resp:	82640
Ion	Ratio	Lower	Upper
164	100		
129	94.3	61.7	114.7
131	88.0	62.9	116.9
166	126.6	88.5	164.3

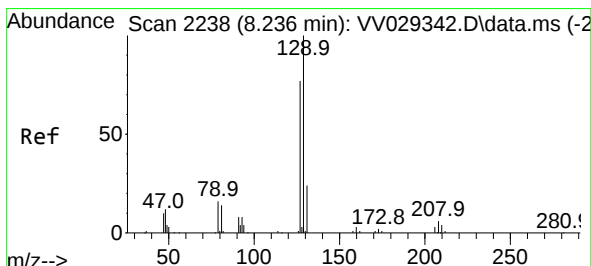
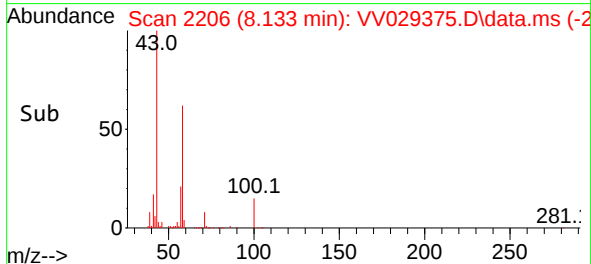
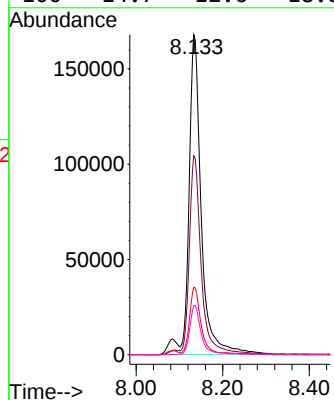
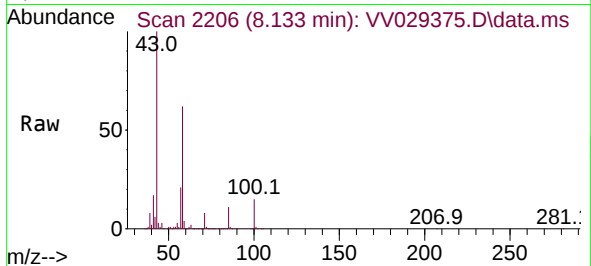




#48
2-Hexanone
Concen: 51.098 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

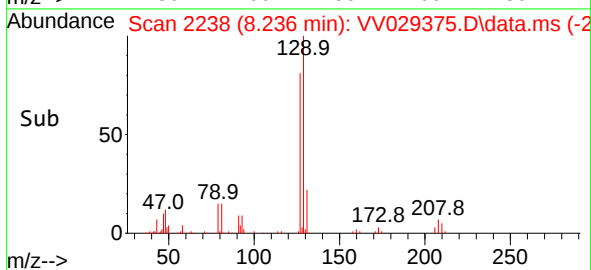
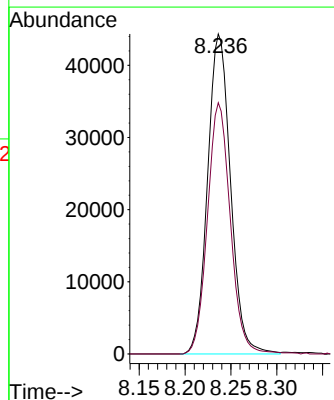
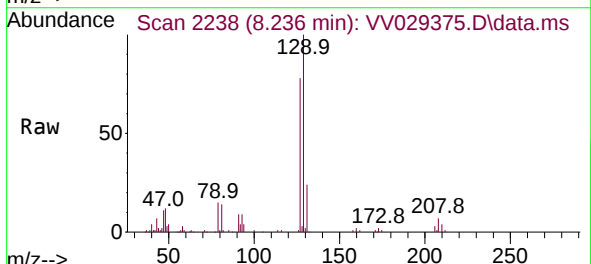
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

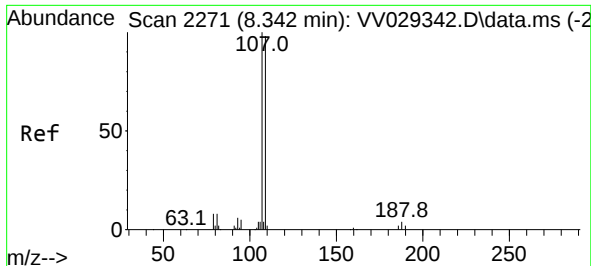
Tgt Ion: 43 Resp: 322640
Ion Ratio Lower Upper
43 100
58 61.2 49.4 74.0
57 19.0 16.9 25.3
100 14.7 12.6 18.8



#49
Dibromochloromethane
Concen: 5.241 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 129 Resp: 77255
Ion Ratio Lower Upper
129 100
127 78.5 53.1 98.7





#50

1,2-Dibromoethane

Concen: 5.224 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

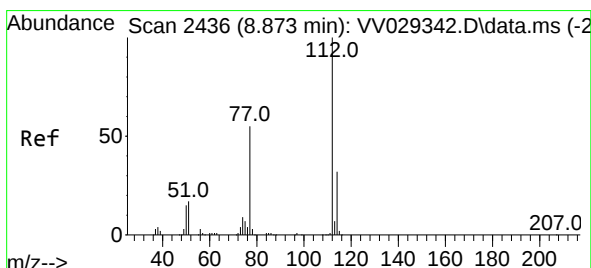
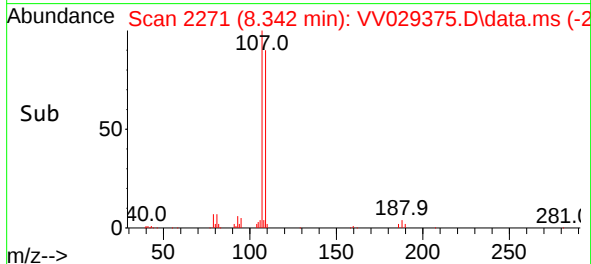
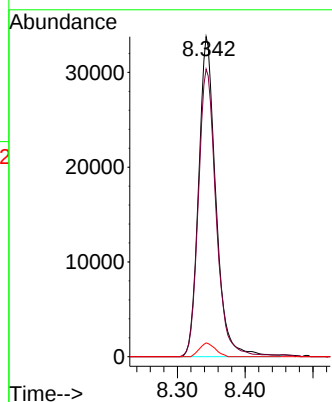
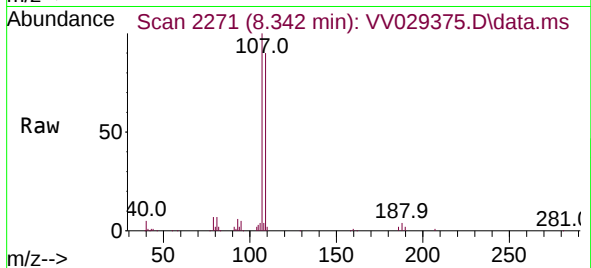
Tgt Ion:107 Resp: 59736

Ion Ratio Lower Upper

107 100

109 89.9 64.0 118.8

188 4.3 3.0 4.4



#51

Chlorobenzene

Concen: 5.025 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

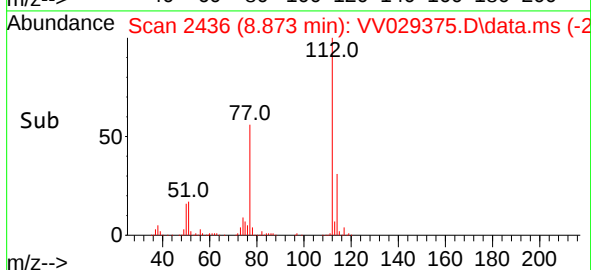
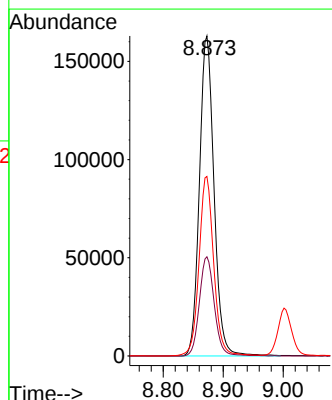
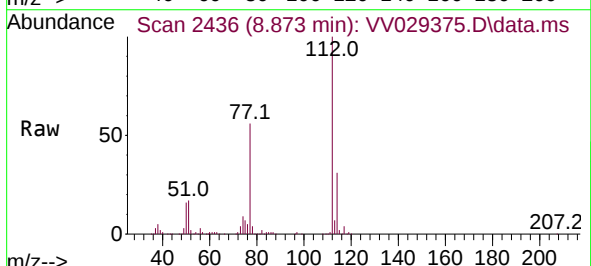
Tgt Ion:112 Resp: 276974

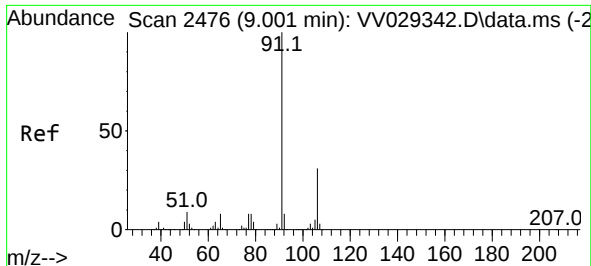
Ion Ratio Lower Upper

112 100

114 31.0 22.9 42.5

77 56.1 45.3 67.9





#52

Ethylbenzene

Concen: 4.994 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

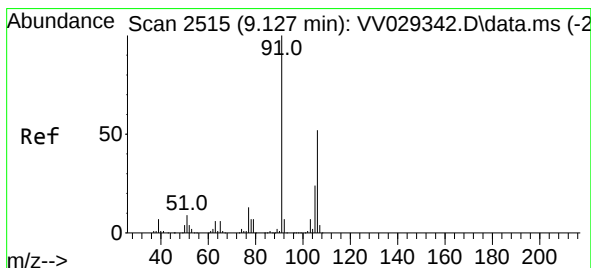
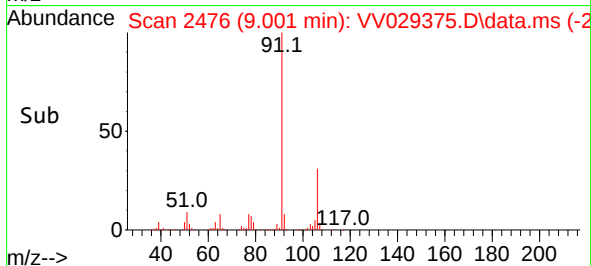
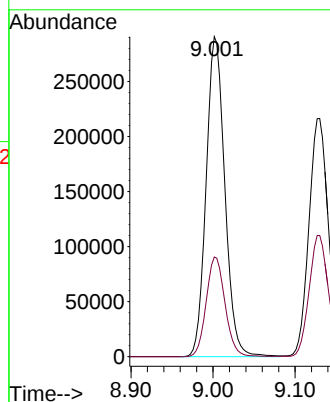
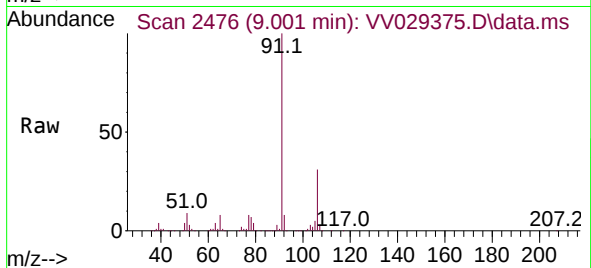
VSTD005372

Tgt Ion: 91 Resp: 459190

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 4.994 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.003 min

Lab File: VV029375.D

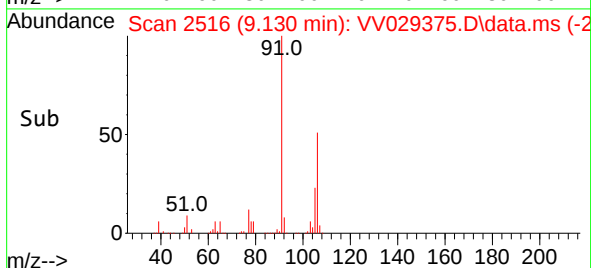
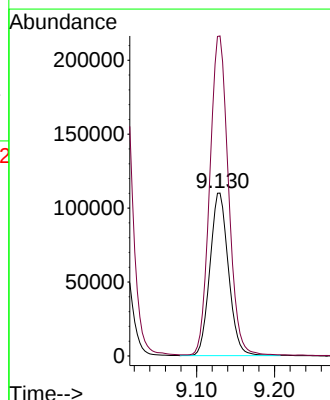
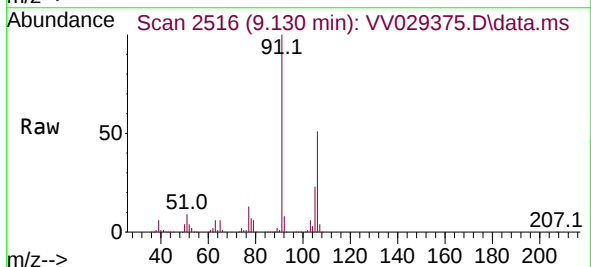
Acq: 29 Nov 2022 09:27

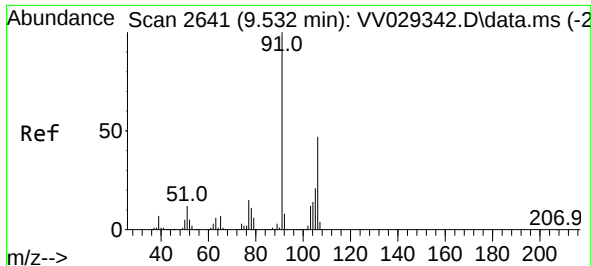
Tgt Ion: 106 Resp: 181113

Ion Ratio Lower Upper

106 100

91 196.5 140.6 261.2

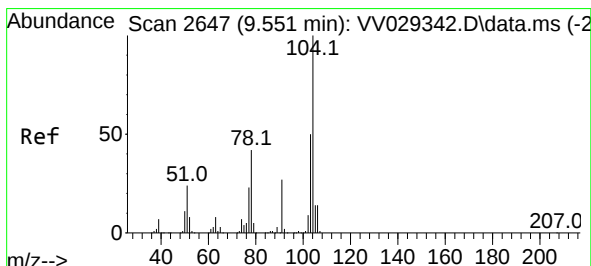
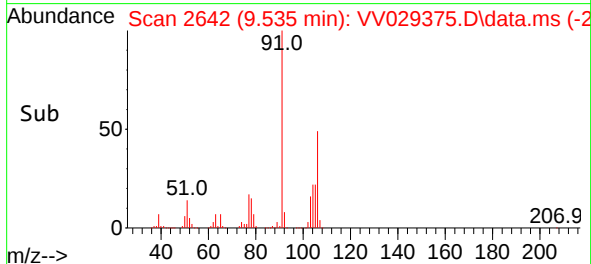
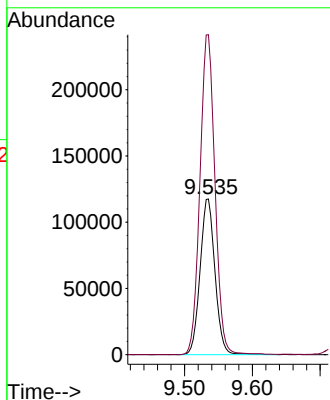
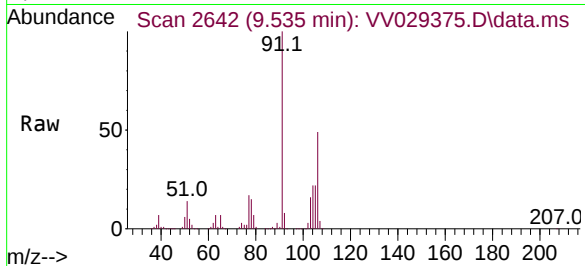




#54
o-Xylene
Concen: 5.028 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

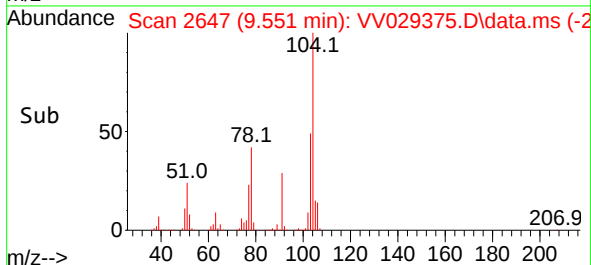
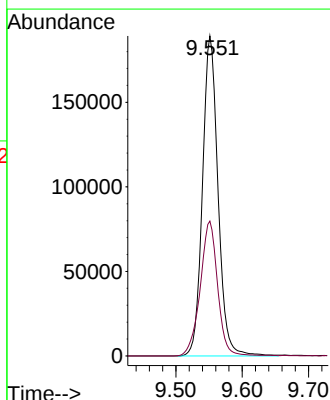
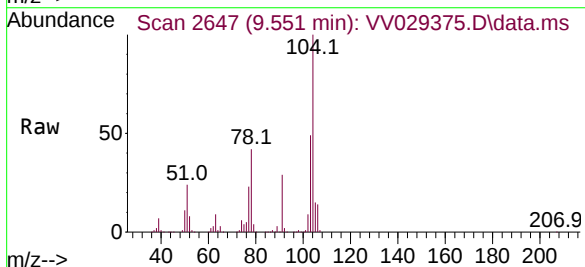
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

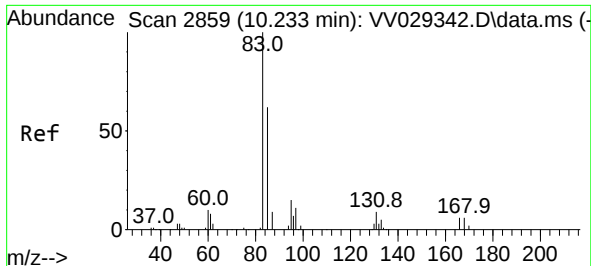
Tgt Ion:106 Resp: 179101
Ion Ratio Lower Upper
106 100
91 205.5 146.9 272.9



#55
Styrene
Concen: 5.138 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion:104 Resp: 308966
Ion Ratio Lower Upper
104 100
78 42.1 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.495 ug/L

RT: 10.230 min Scan# 2859

Delta R.T. -0.003 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

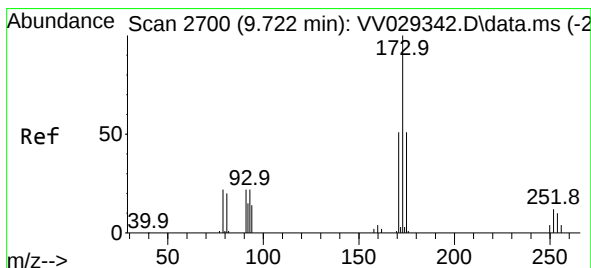
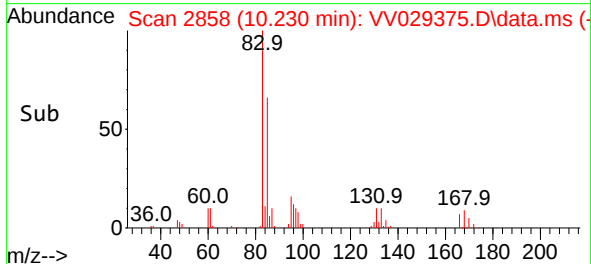
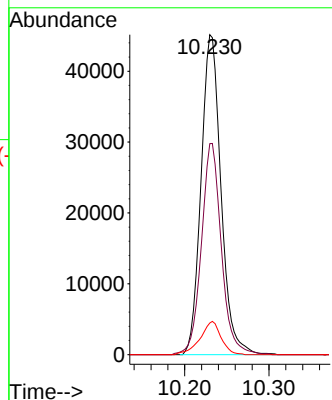
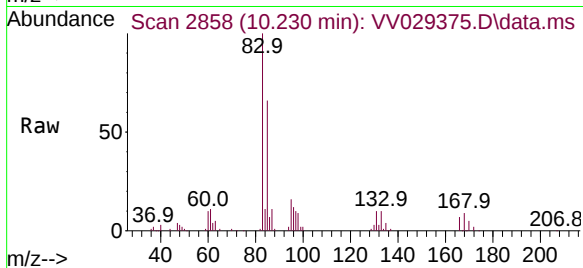
Tgt Ion: 83 Resp: 74510

Ion Ratio Lower Upper

83 100

85 65.9 45.5 84.5

131 9.9 8.2 12.2



#59

Bromoform

Concen: 5.475 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

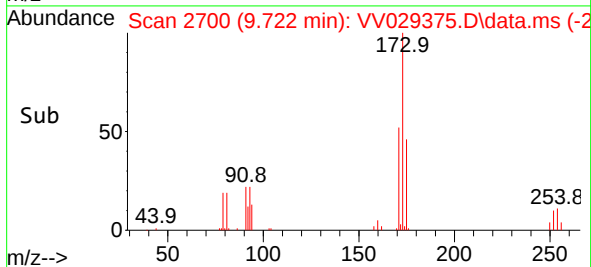
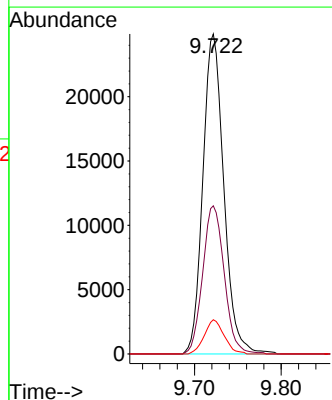
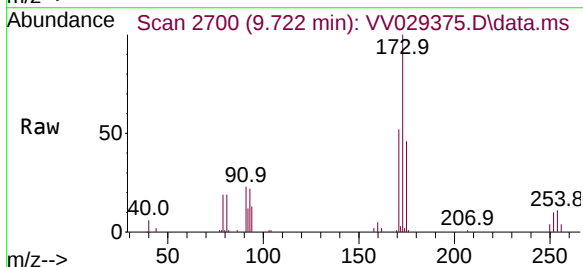
Tgt Ion: 173 Resp: 41759

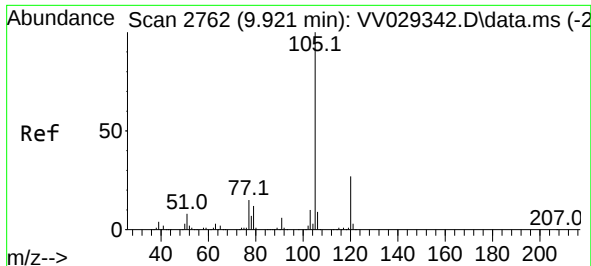
Ion Ratio Lower Upper

173 100

175 47.6 38.6 58.0

254 10.1 8.3 12.5

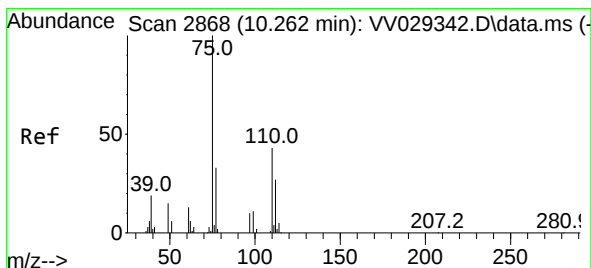
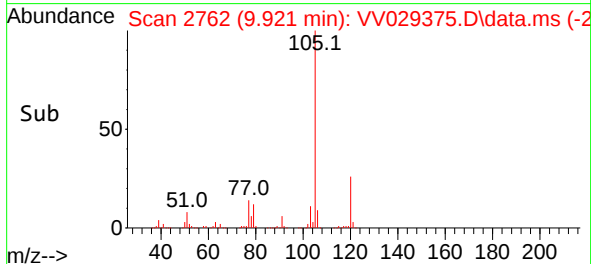
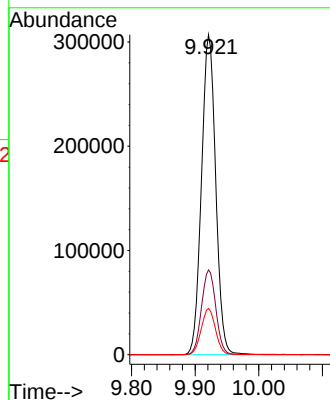
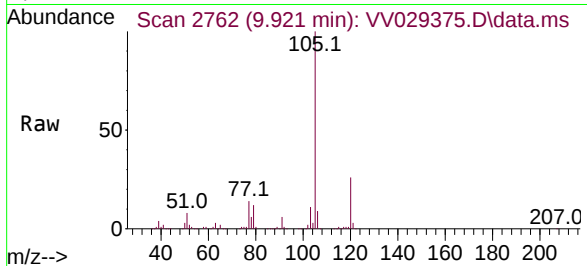




#60
Isopropylbenzene
Concen: 5.074 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

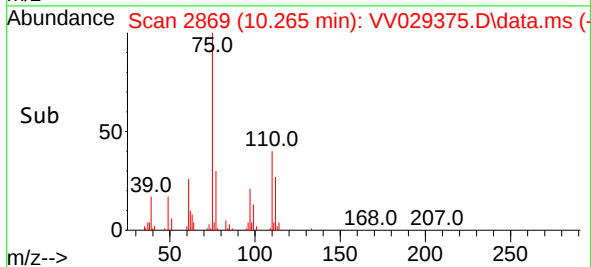
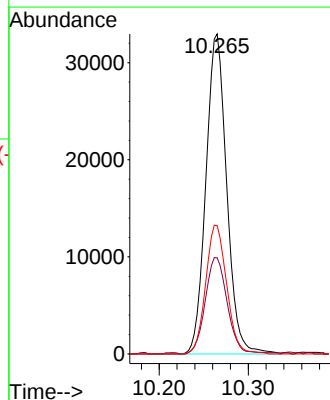
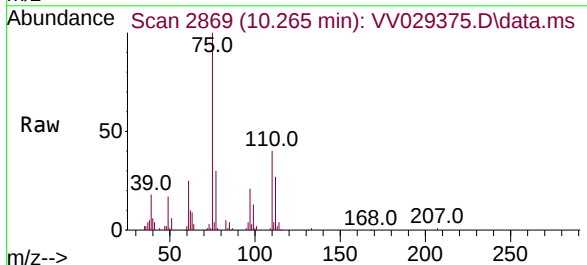
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

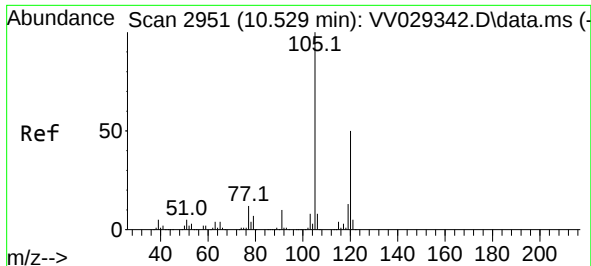
Tgt Ion:105 Resp: 476302
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.315 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 75 Resp: 53517
Ion Ratio Lower Upper
75 100
77 31.9 26.7 40.1
110 40.6 32.2 48.4

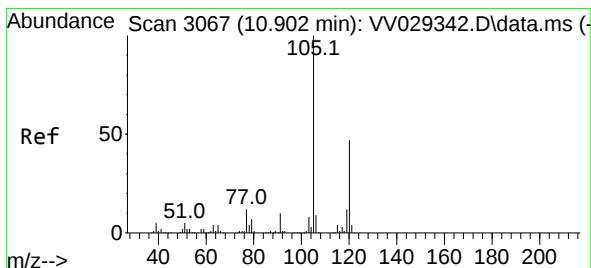
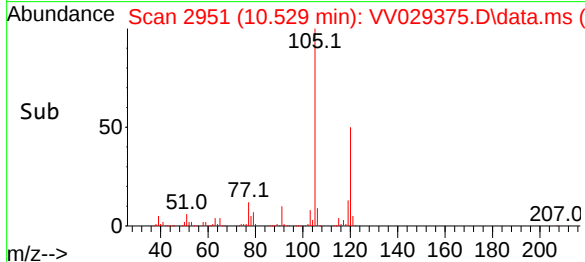
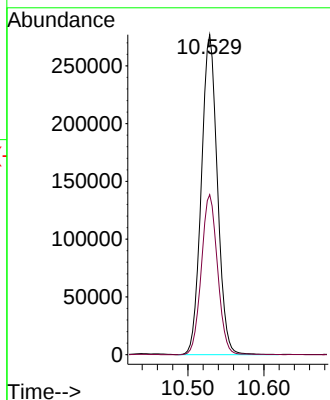
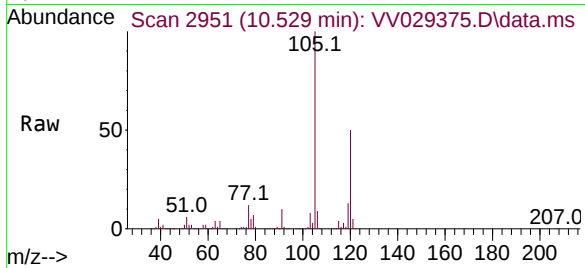




#62
1,3,5-Trimethylbenzene
Concen: 4.991 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

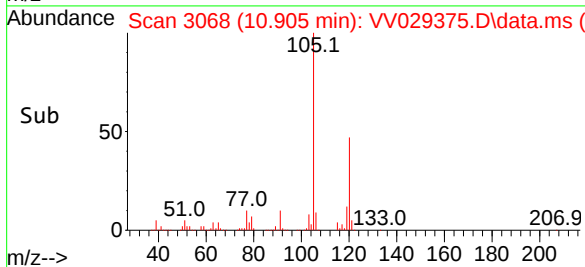
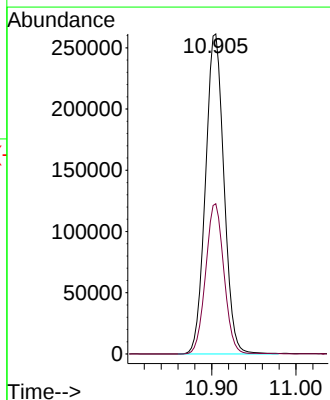
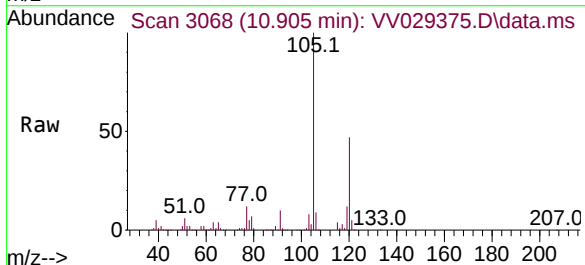
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

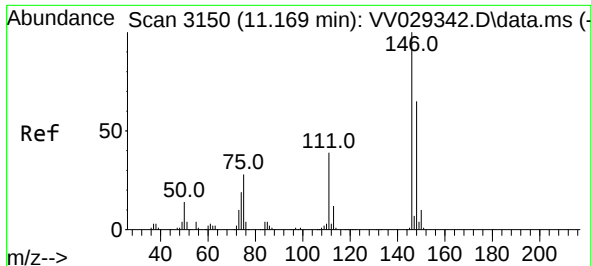
Tgt Ion:105 Resp: 405628
Ion Ratio Lower Upper
105 100
120 50.4 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.875 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.003 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion:105 Resp: 398471
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8

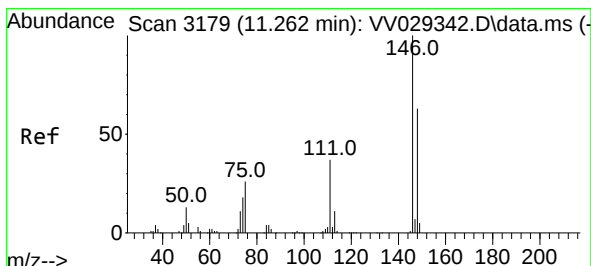
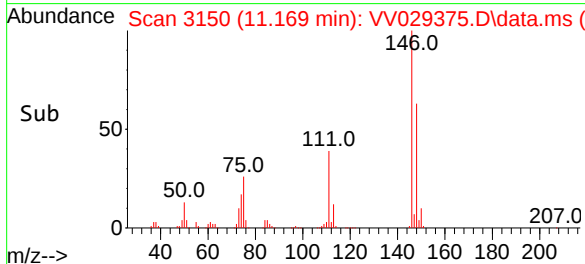
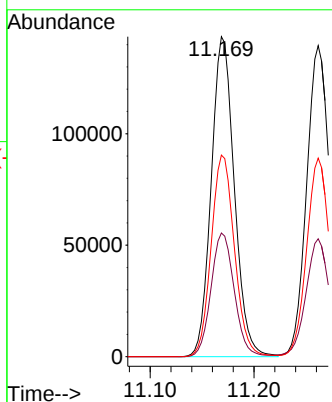
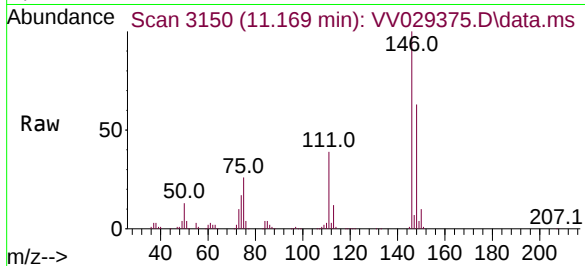




#64
1,3-Dichlorobenzene
Concen: 5.058 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

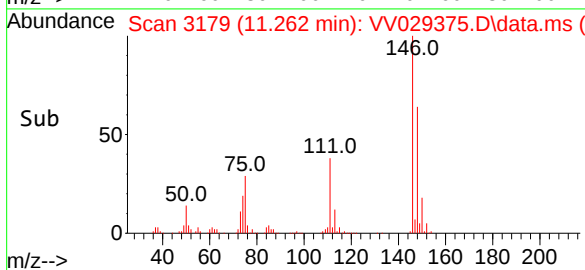
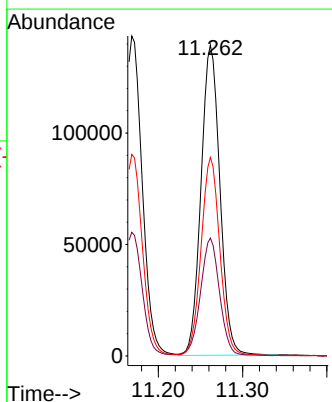
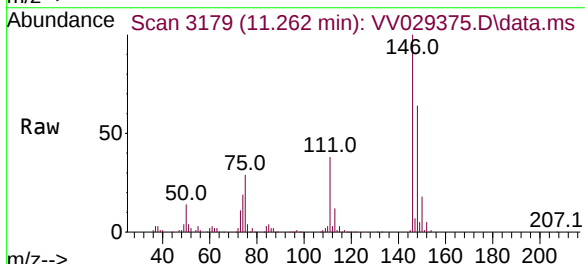
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

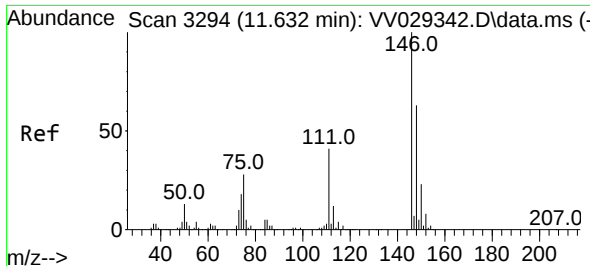
Tgt Ion:146 Resp: 221493
Ion Ratio Lower Upper
146 100
111 38.7 26.3 48.9
148 63.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.023 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion:146 Resp: 217605
Ion Ratio Lower Upper
146 100
111 37.9 26.0 48.4
148 63.8 44.7 82.9

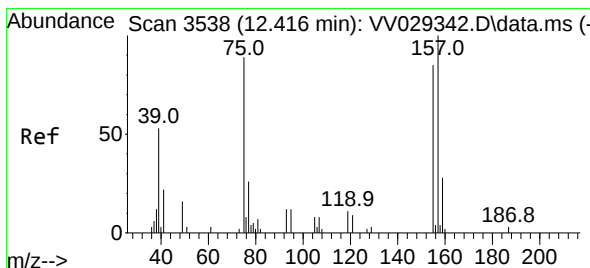
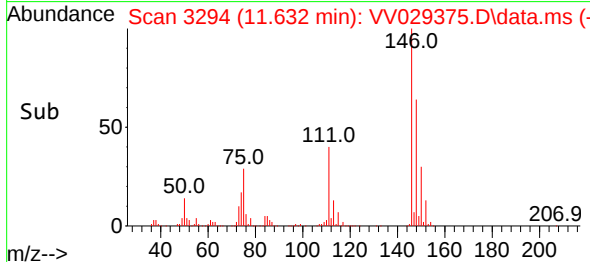
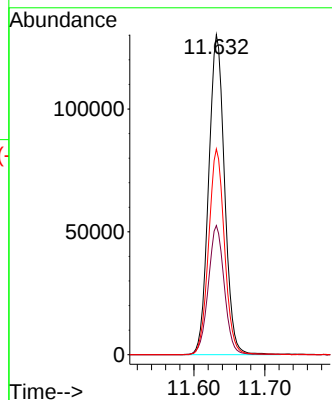
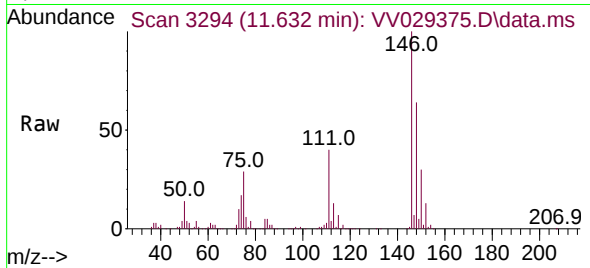




#67
1,2-Dichlorobenzene
Concen: 5.031 ug/L
RT: 11.632 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

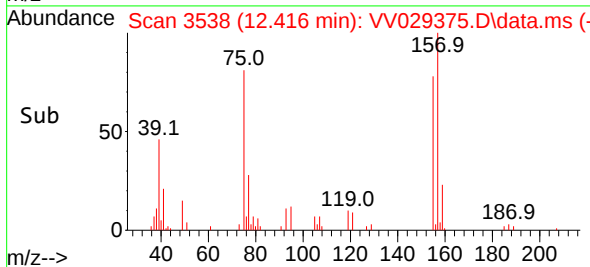
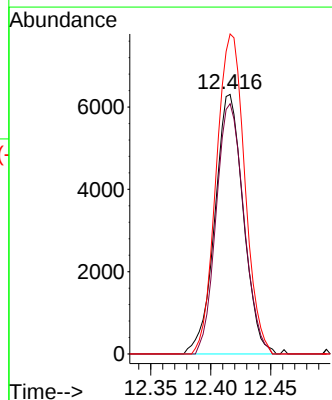
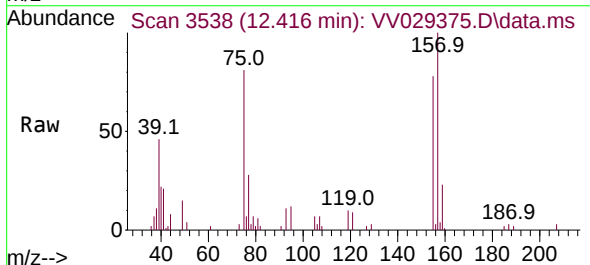
Instrument :
MSVOA_V
ClientSampleId :
VSTD005372

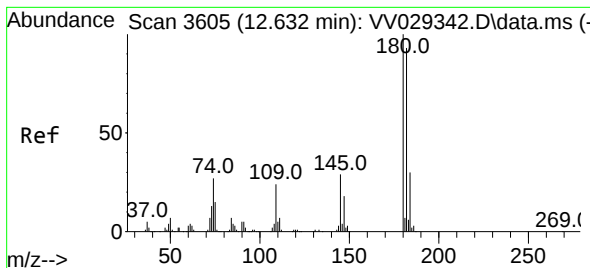
Tgt Ion:146 Resp: 202980
Ion Ratio Lower Upper
146 100
111 40.4 33.5 50.3
148 64.3 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.258 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029375.D
Acq: 29 Nov 2022 09:27

Tgt Ion: 75 Resp: 10397
Ion Ratio Lower Upper
75 100
155 96.4 76.6 115.0
157 123.3 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 5.080 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

Tgt Ion:180 Resp: 183263

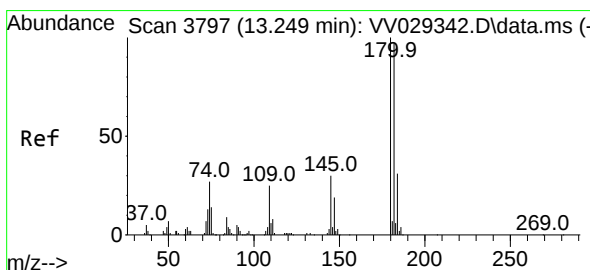
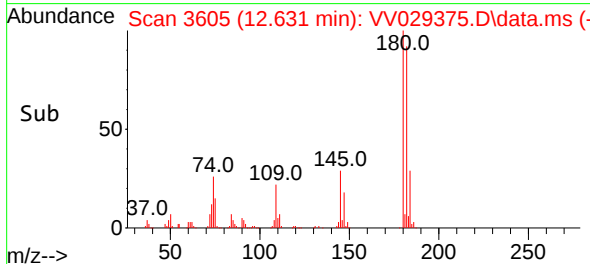
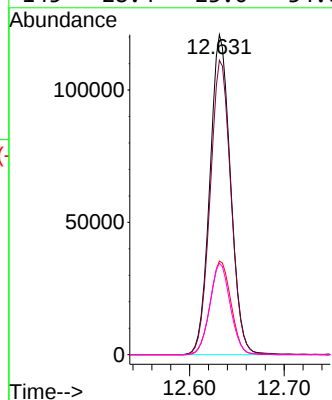
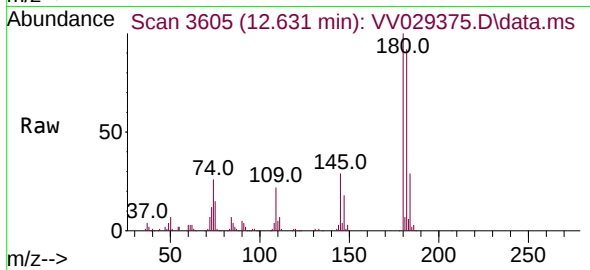
Ion Ratio Lower Upper

180 100

182 93.0 77.0 115.6

184 29.5 24.4 36.6

145 28.4 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 4.940 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

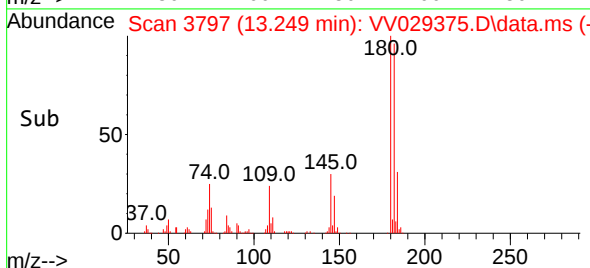
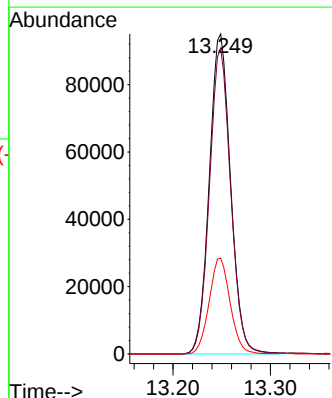
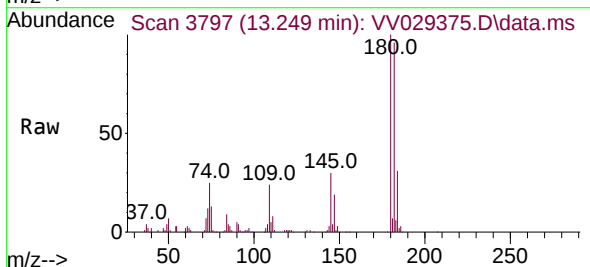
Tgt Ion:180 Resp: 144432

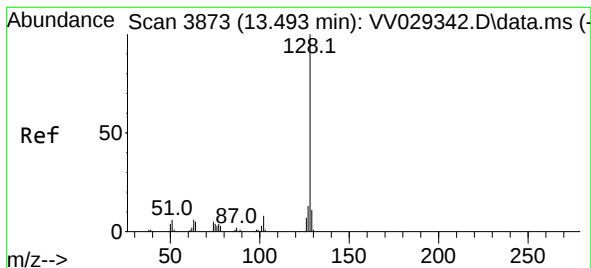
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

145 29.5 23.4 35.0





#71

Naphthalene

Concen: 4.522 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005372

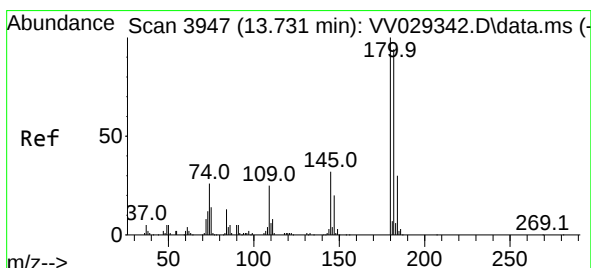
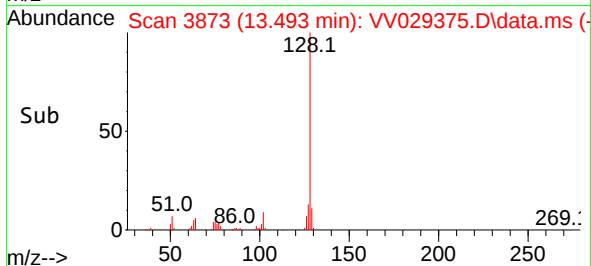
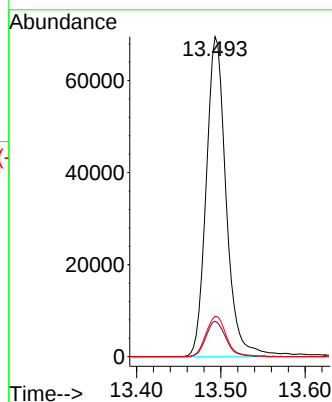
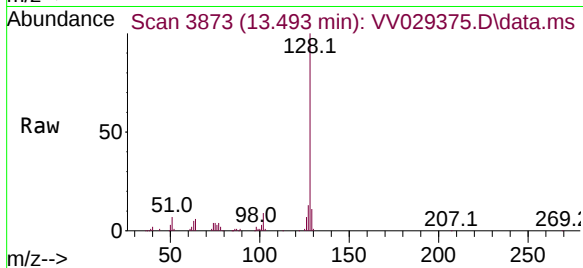
Tgt Ion:128 Resp: 114435

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.1 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.046 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029375.D

Acq: 29 Nov 2022 09:27

Tgt Ion:180 Resp: 120081

Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.4

145 31.3 25.2 37.8

