

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027215.D
 Acq On : 04 Aug 2022 18:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050329

Quant Time: Aug 05 02:30:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:29:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	258641	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	256474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108964	61.793	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	123.580%	
7) Chloroethane-d5	1.558	69	92271	71.577	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	143.160%#	
11) 1,1-Dichloroethene-d2	2.104	63	207945	64.470	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	128.940%#	
21) 2-Butanone-d5	3.870	46	248951	158.607	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	158.610%#	
24) Chloroform-d	4.342	84	256707	71.070	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	142.140%#	
26) 1,2-Dichloroethane-d4	5.027	65	162348	72.392	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	144.780%#	
32) Benzene-d6	5.043	84	429162	69.778	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	139.560%#	
36) 1,2-Dichloropropane-d6	6.066	67	153977	70.379	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	140.760%#	
41) Toluene-d8	7.313	98	366829	69.973	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	139.940%#	
43) trans-1,3-Dichloroprop...	7.619	79	69935	73.337	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	146.680%#	
47) 2-Hexanone-d5	8.085	63	173437	164.593	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	164.590%#	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	272131	76.327	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	152.660%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	175380	73.183	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	146.360%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	163454	71.041	ug/L	100
3) Chloromethane	1.236	50	186343	70.893	ug/L	99
5) Vinyl chloride	1.307	62	173953	66.433	ug/L	99
6) Bromomethane	1.510	94	101344	82.100	ug/L	98
8) Chloroethane	1.577	64	106371	72.919	ug/L	99
9) Trichlorofluoromethane	1.748	101	234234	69.717	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	134096	71.978	ug/L	96
12) 1,1-Dichloroethene	2.114	96	123744	69.049	ug/L	81
13) Acetone	2.156	43	158916	131.303	ug/L	87
14) Carbon disulfide	2.288	76	422551	69.278	ug/L	100
15) Methyl Acetate	2.423	43	185801	67.495	ug/L #	83
16) Methylene chloride	2.500	84	164003	68.510	ug/L	84
17) trans-1,2-Dichloroethene	2.754	96	139583	70.383	ug/L	91
18) Methyl tert-butyl Ether	2.764	73	422133	71.569	ug/L #	94
19) 1,1-Dichloroethane	3.182	63	275745	69.262	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	150423	73.015	ug/L	89
22) 2-Butanone	3.953	43	254819	153.572	ug/L	97
23) Bromochloromethane	4.243	128	81755	71.063	ug/L	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027215.D
 Acq On : 04 Aug 2022 18:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050329

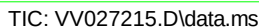
Quant Time: Aug 05 02:30:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:29:34 2022
 Response via : Initial Calibration

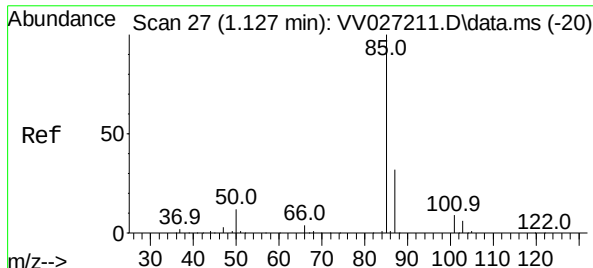
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.368	83	285724	71.015	ug/L	99
27) 1,2-Dichloroethane	5.124	62	229523	73.247	ug/L	95
29) Cyclohexane	4.673	56	224590	76.036	ug/L	93
30) 1,1,1-Trichloroethane	4.603	97	246526	72.520	ug/L	95
31) Carbon tetrachloride	4.821	117	211265	71.582	ug/L	99
33) Benzene	5.095	78	615791	74.715	ug/L	100
34) Trichloroethene	5.908	95	148577	70.404	ug/L	95
35) Methylcyclohexane	6.127	83	232338	74.872	ug/L	92
37) 1,2-Dichloropropane	6.169	63	166924	72.293	ug/L	99
38) Bromodichloromethane	6.506	83	208135	68.796	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	229693	75.100	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	486774	147.777	ug/L #	90
42) Toluene	7.384	91	630668	75.260	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	226407	75.327	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	154356	69.361	ug/L	97
46) Tetrachloroethene	7.972	164	109488	70.885	ug/L	98
48) 2-Hexanone	8.136	43	389847	148.602	ug/L #	91
49) Dibromochloromethane	8.242	129	162397	69.034	ug/L	96
50) 1,2-Dibromoethane	8.349	107	163647	71.466	ug/L	100
51) Chlorobenzene	8.879	112	395559	70.375	ug/L	96
52) Ethylbenzene	9.011	91	646275	74.741	ug/L	100
53) m,p-Xylene	9.136	106	252338	77.217	ug/L	94
54) o-Xylene	9.541	106	242039	76.024	ug/L	97
55) Styrene	9.558	104	444969	79.339	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	260828	69.962	ug/L	100
59) Bromoform	9.728	173	107197	65.017	ug/L	99
60) Isopropylbenzene	9.931	105	628751	71.896	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	210889	66.195	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	522008	72.279	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	526550	74.424	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	299865	70.747	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	306437	68.698	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	311338	70.105	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	58254	65.176	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	201057	70.625	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	167794	70.966	ug/L	98
71) Naphthalene	13.500	128	558092	68.932	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	187996	71.734	ug/L	99

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

Instrument :
MSVOA_V
ClientSampleId :
VSTD050329

Instrument :
MSVOA_V
ClientSampleId :
VSTD050329

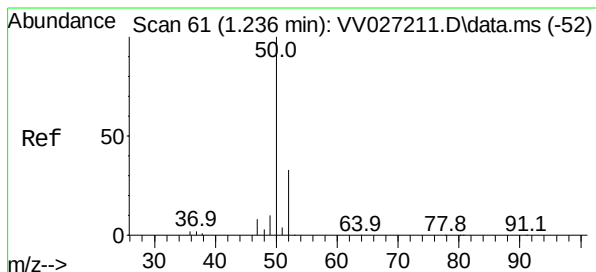
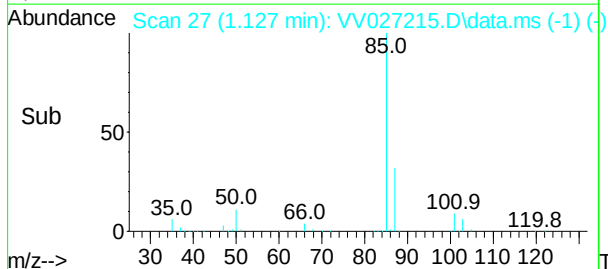
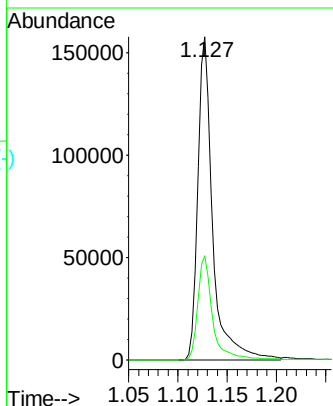
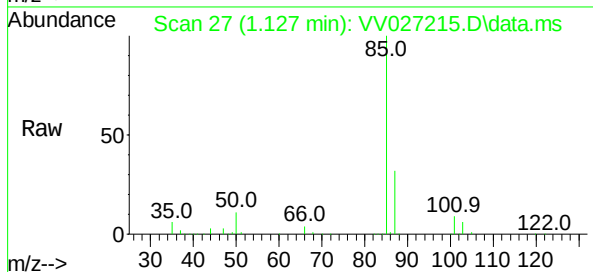




Dichlorodifluoromethane
 Concen: 71.041 ug/L
 RT: 1.127 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VV027215.D
 Acq: 04 Aug 2022 18:21

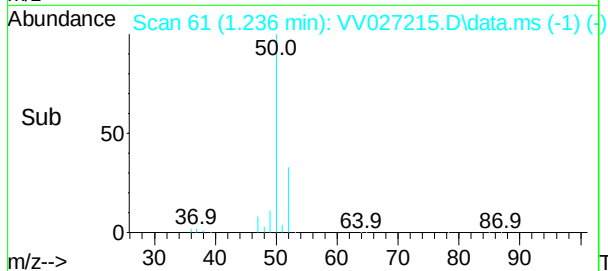
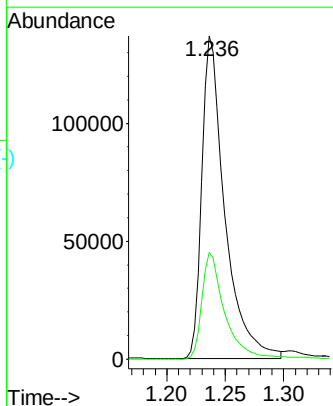
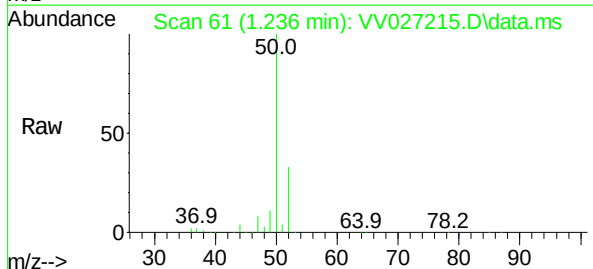
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050329

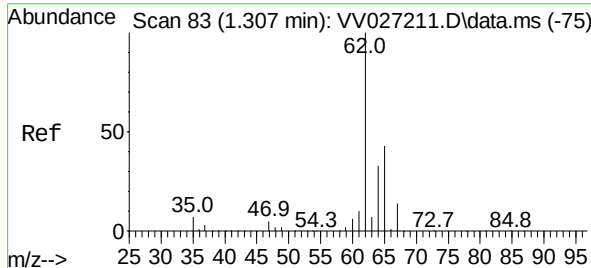
Tgt Ion: 85 Resp: 163454
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1



Chloromethane
 Concen: 70.893 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027215.D
 Acq: 04 Aug 2022 18:21

Tgt Ion: 50 Resp: 186343
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.5 43.7





Vinyl chloride

Concen: 66.433 ug/L

RT: 1.307 min Scan# 83

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

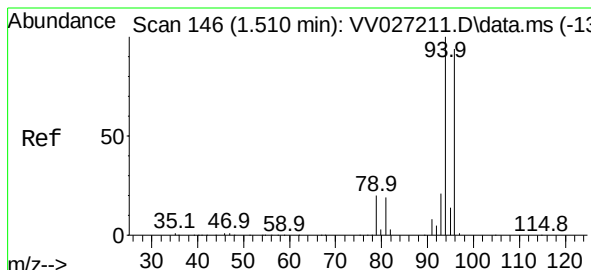
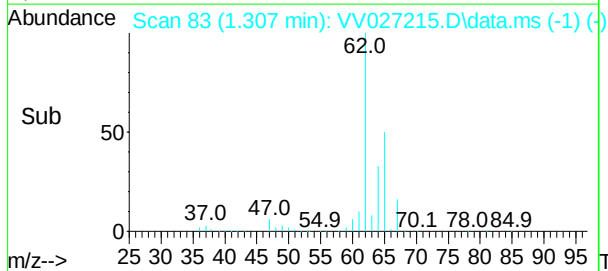
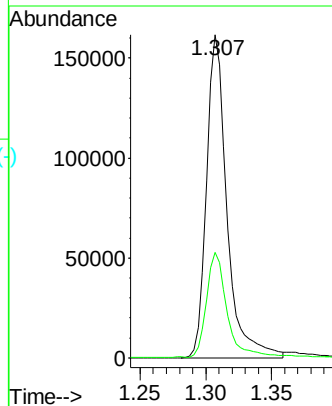
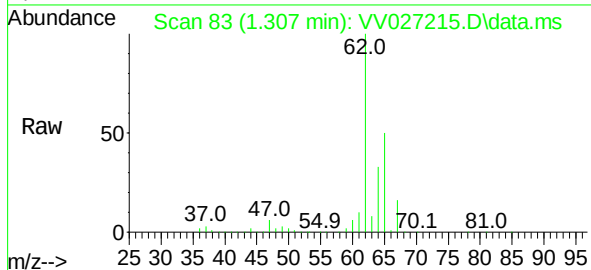
VSTD050329

Tgt Ion: 62 Resp: 173953

Ion Ratio Lower Upper

62 100

64 32.6 23.2 43.2



Bromomethane

Concen: 82.100 ug/L

RT: 1.510 min Scan# 146

Delta R.T. -0.000 min

Lab File: VV027215.D

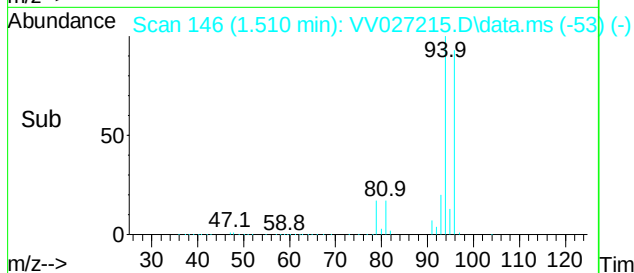
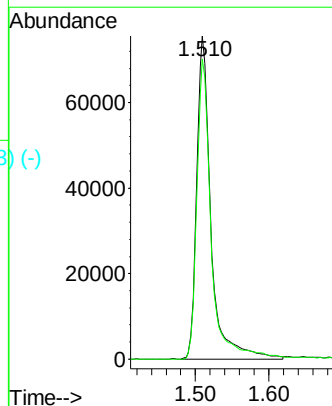
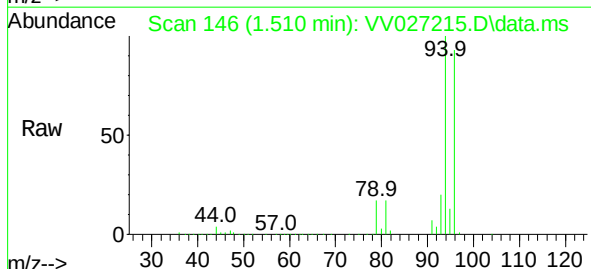
Acq: 04 Aug 2022 18:21

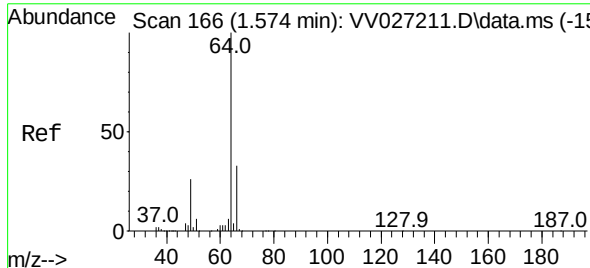
Tgt Ion: 94 Resp: 101344

Ion Ratio Lower Upper

94 100

96 92.8 66.1 122.8





Chloroethane

Concen: 72.919 ug/L

RT: 1.577 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

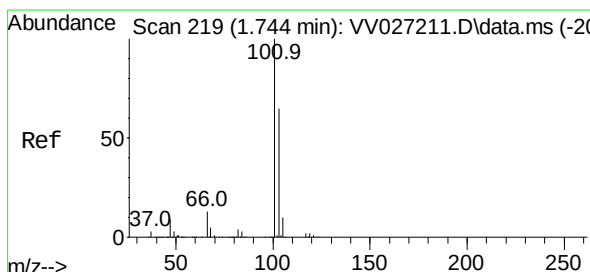
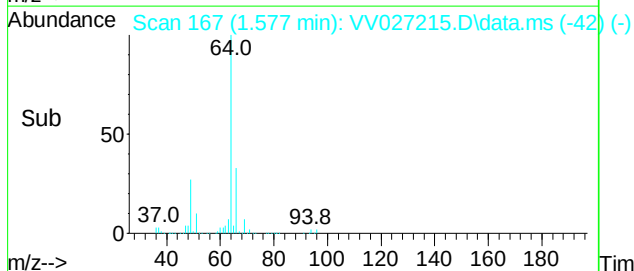
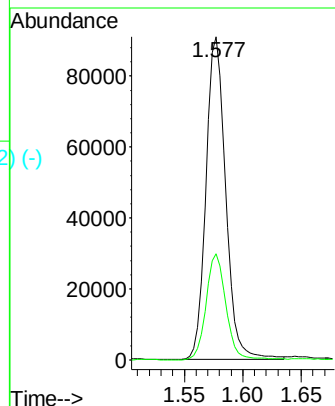
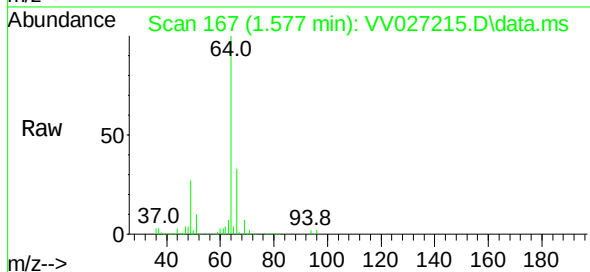
VSTD050329

Tgt Ion: 64 Resp: 106371

Ion Ratio Lower Upper

64 100

66 32.8 22.4 41.6



Trichlorofluoromethane

Concen: 69.717 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.003 min

Lab File: VV027215.D

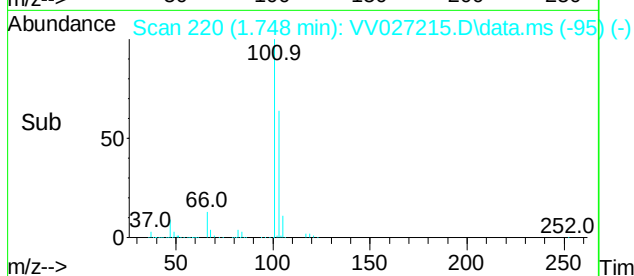
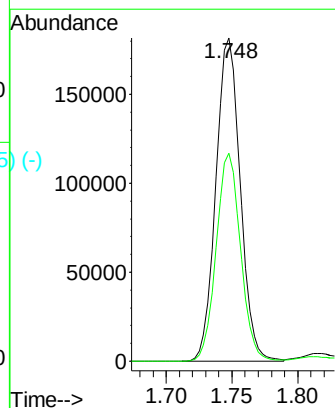
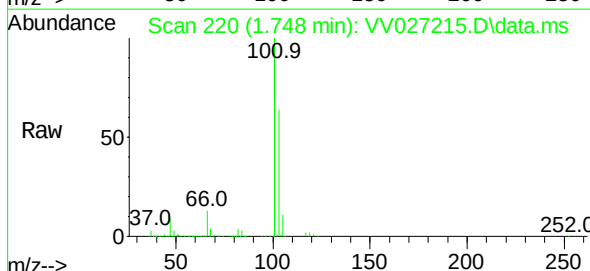
Acq: 04 Aug 2022 18:21

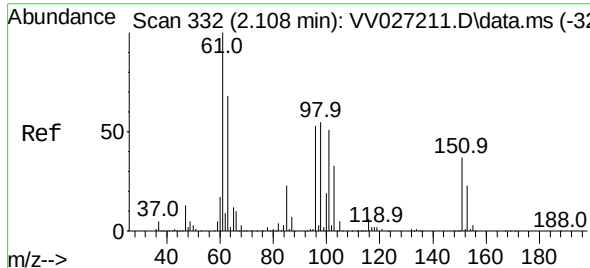
Tgt Ion:101 Resp: 234234

Ion Ratio Lower Upper

101 100

103 64.2 52.4 78.6

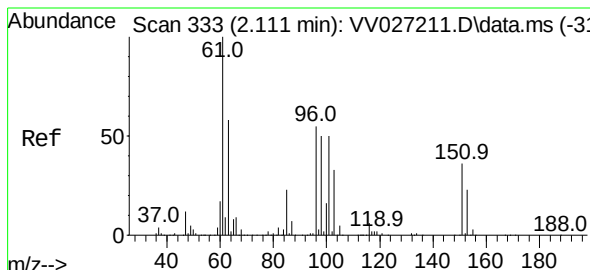
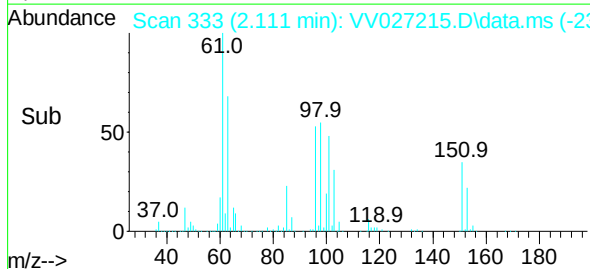
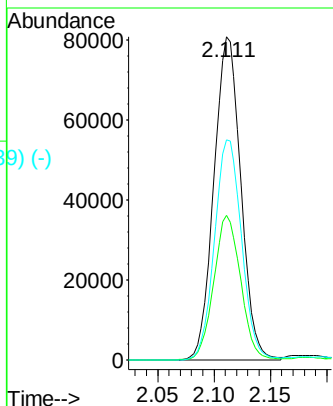
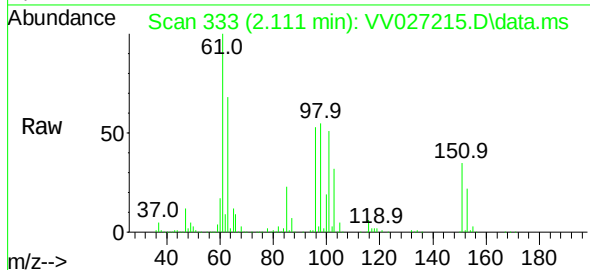




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 71.978 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027215.D
 Acq: 04 Aug 2022 18:21

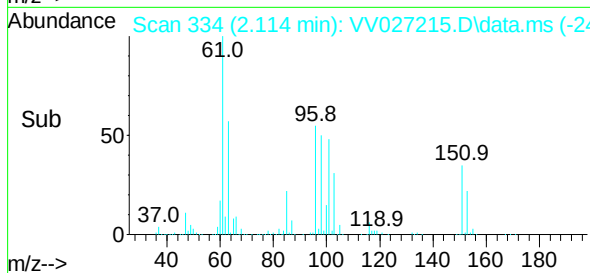
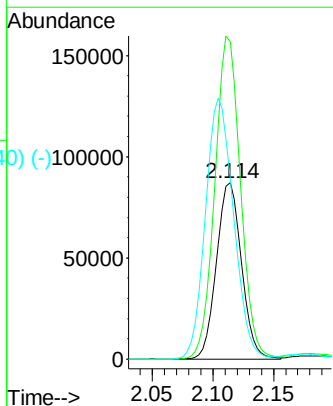
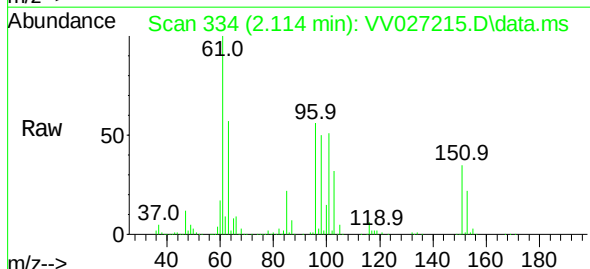
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050329

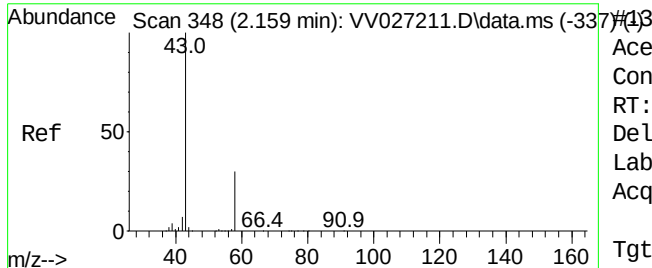
Tgt Ion:	101	Resp:	134096
Ion	Ratio	Lower	Upper
101	100		
85	44.6	34.1	51.1
151	68.6	57.8	86.8



1,1-Dichloroethene
 Concen: 69.049 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027215.D
 Acq: 04 Aug 2022 18:21

Tgt Ion:	96	Resp:	123744
Ion	Ratio	Lower	Upper
96	100		
61	180.0	114.3	212.3
63	102.0	93.4	173.4





Acetone

Concen: 131.303 ug/L

RT: 2.156 min Scan# 348

Delta R.T. -0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

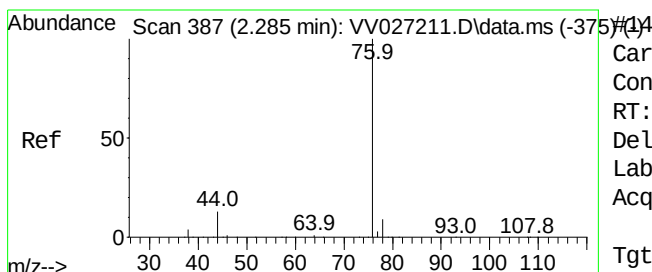
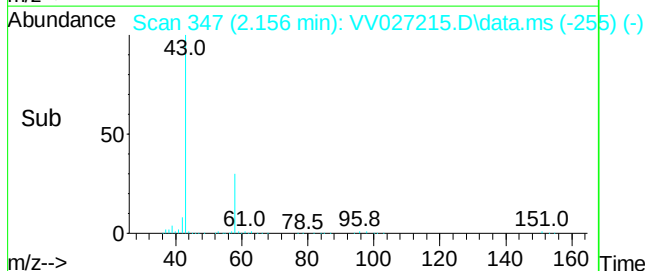
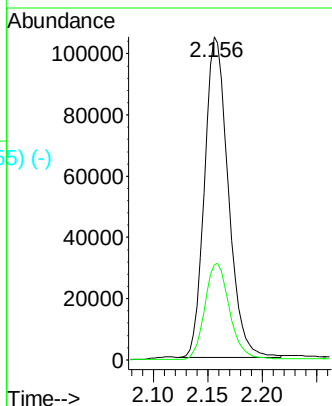
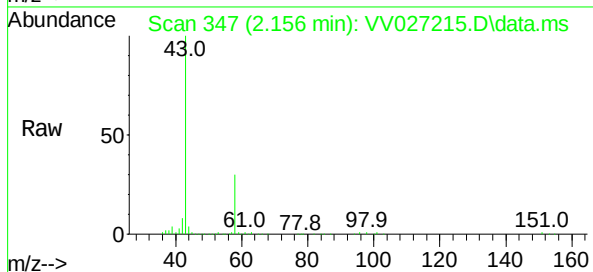
VSTD050329

Tgt Ion: 43 Resp: 158916

Ion Ratio Lower Upper

43 100

58 31.4 0.0 49.6



Carbon disulfide

Concen: 69.278 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027215.D

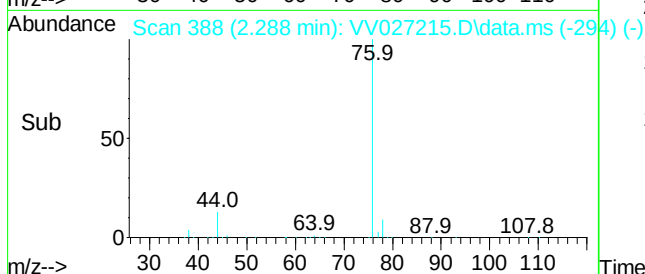
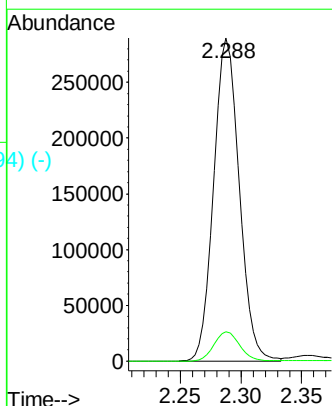
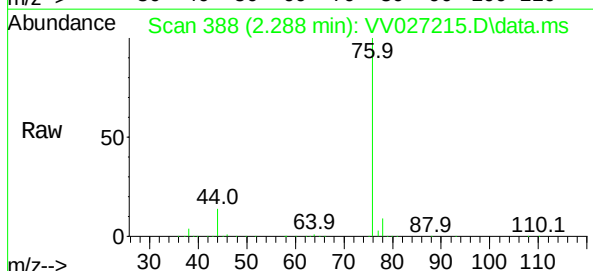
Acq: 04 Aug 2022 18:21

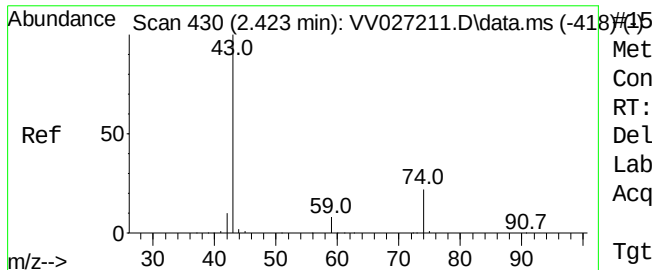
Tgt Ion: 76 Resp: 422551

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





Methyl Acetate

Concen: 67.495 ug/L

RT: 2.423 min Scan# 415

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

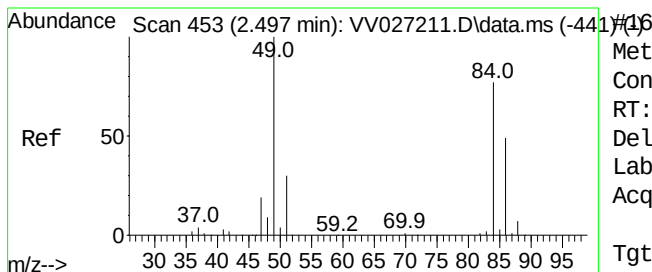
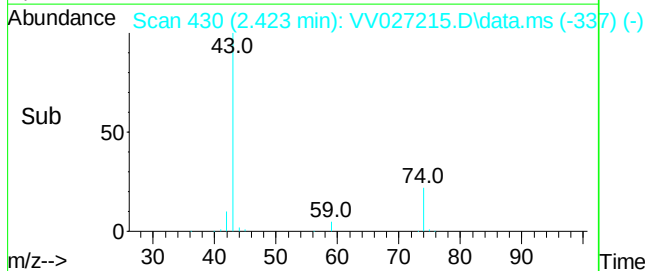
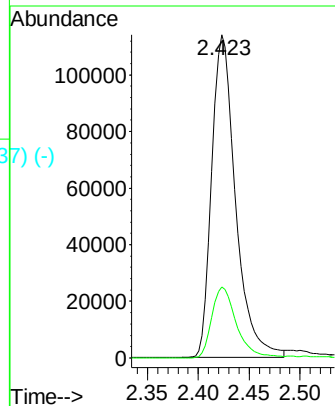
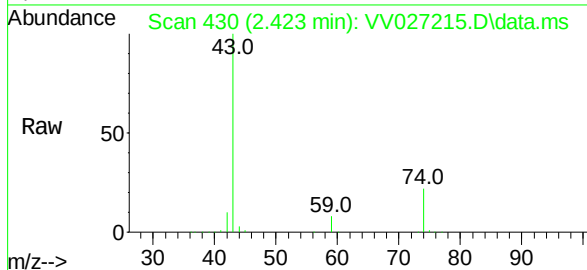
VSTD050329

Tgt Ion: 43 Resp: 185801

Ion Ratio Lower Upper

43 100

74 22.7 25.5 38.3#



Methylene chloride

Concen: 68.510 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

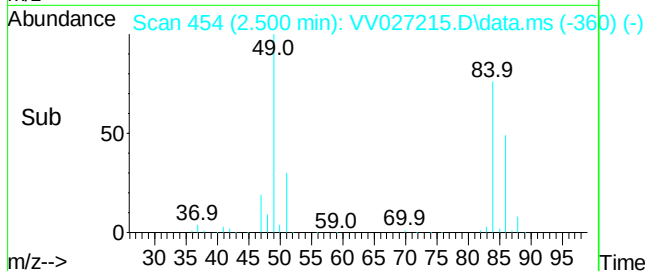
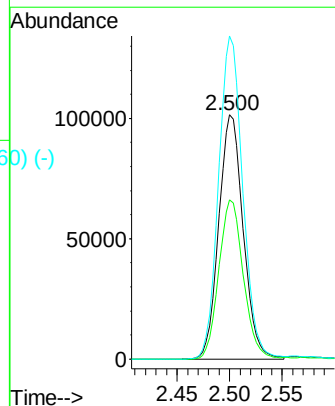
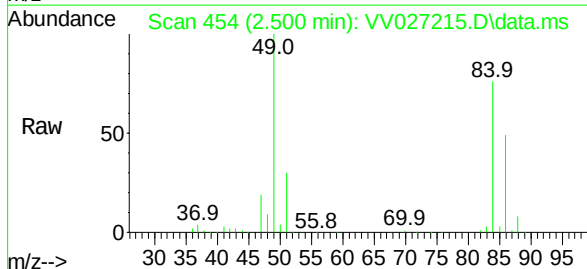
Tgt Ion: 84 Resp: 164003

Ion Ratio Lower Upper

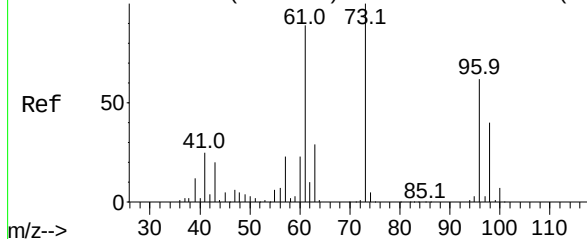
84 100

86 65.2 45.0 83.6

49 132.3 74.1 137.7



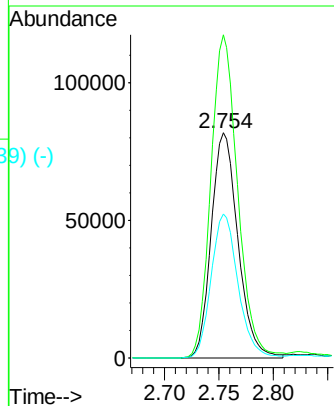
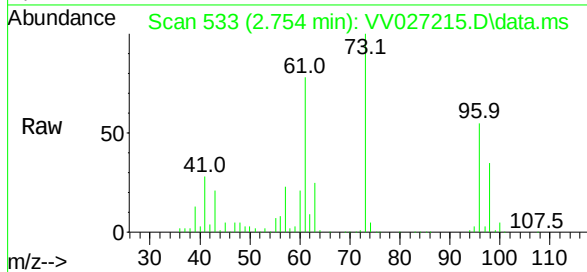
Abundance Scan 532 (2.751 min): VV027211.D\data.ms (-520) #17



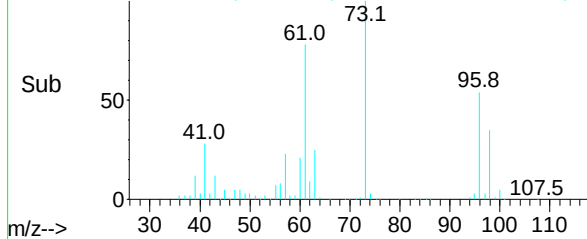
trans-1,2-Dichloroethene
Concen: 70.383 ug/L
RT: 2.754 min Scan# 532
Delta R.T. 0.003 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050329

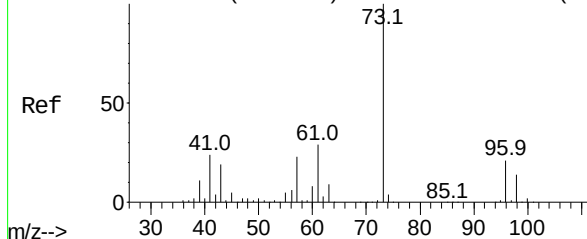
Tgt Ion:	96	Resp:	139583
Ion	Ratio	Lower	Upper
96	100		
61	143.3	89.2	165.6
98	64.0	44.6	82.8



Abundance Scan 533 (2.754 min): VV027215.D\data.ms (-439) (-)

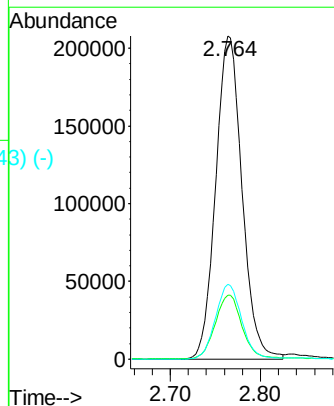
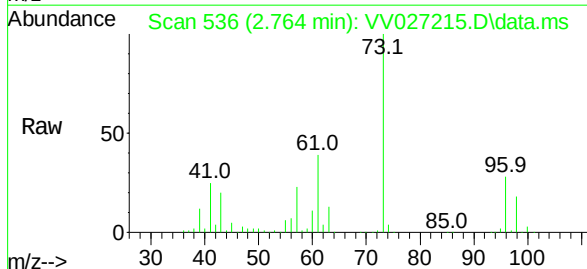


Abundance Scan 536 (2.764 min): VV027211.D\data.ms (-520) #18

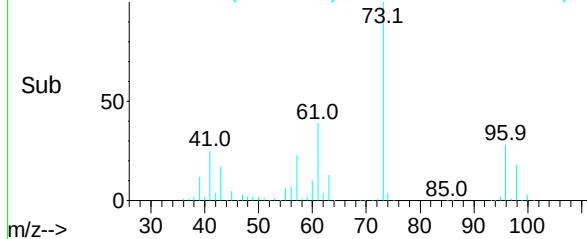


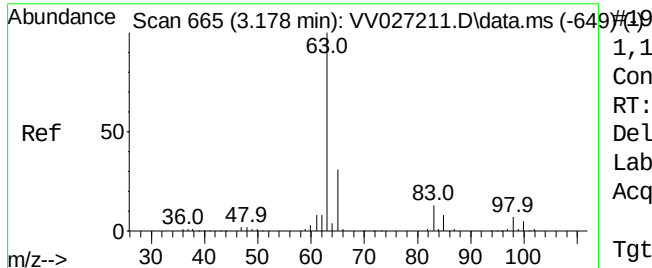
Methyl tert-butyl Ether
Concen: 71.569 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Tgt Ion:	73	Resp:	422133
Ion	Ratio	Lower	Upper
73	100		
43	20.1	12.6	18.8#
57	23.1	17.3	25.9



Abundance Scan 536 (2.764 min): VV027215.D\data.ms (-443) (-)





1,1-Dichloroethane

Concen: 69.262 ug/L

RT: 3.182 min Scan#

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

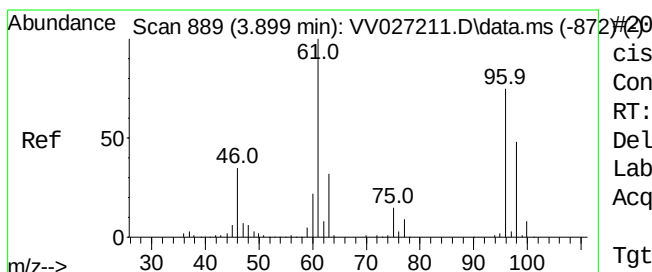
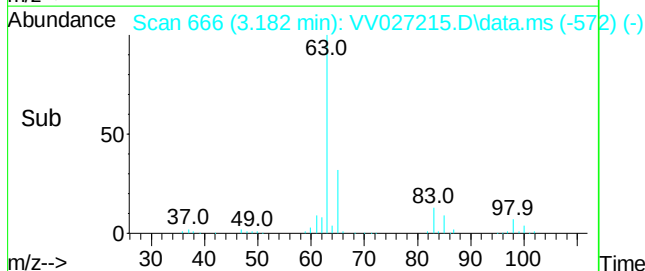
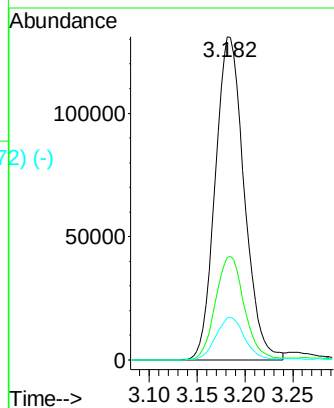
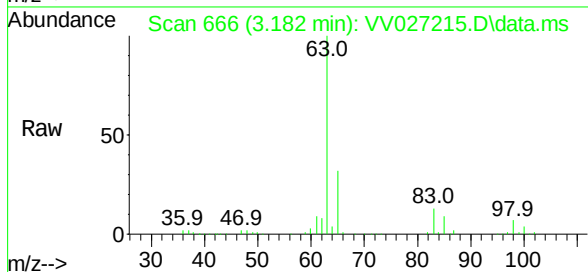
Tgt Ion: 63 Resp: 275745

Ion Ratio Lower Upper

63 100

65 31.6 22.7 42.3

83 13.1 9.5 17.7



cis-1,2-Dichloroethene

Concen: 73.015 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

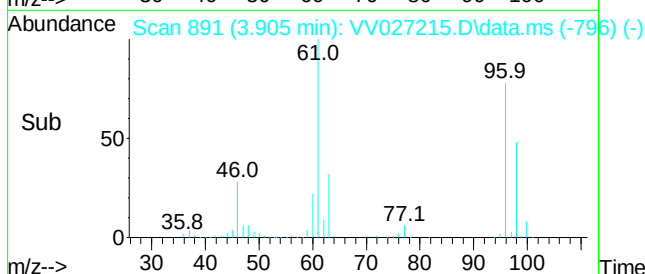
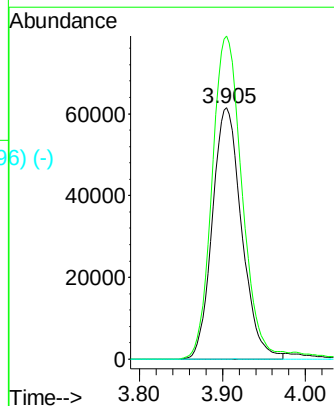
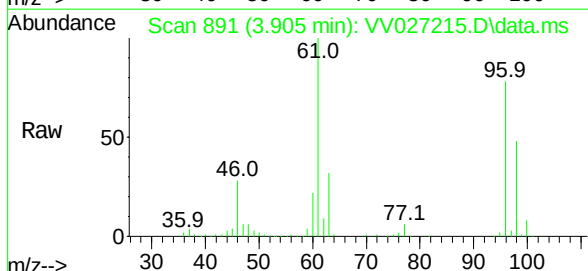
Tgt Ion: 96 Resp: 150423

Ion Ratio Lower Upper

96 100

61 128.4 81.8 151.8

68 0.0 0.0 0.0



Abundance Scan 906 (3.953 min): VV027211.D\data.ms (-891) #22

2-Butanone

Concen: 153.572 ug/L

RT: 3.953 min Scan# 906

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

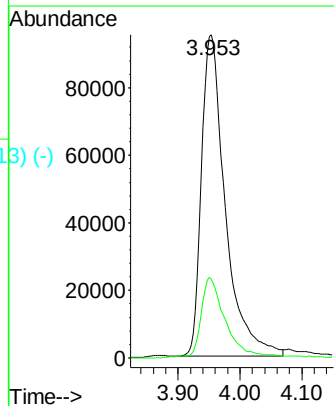
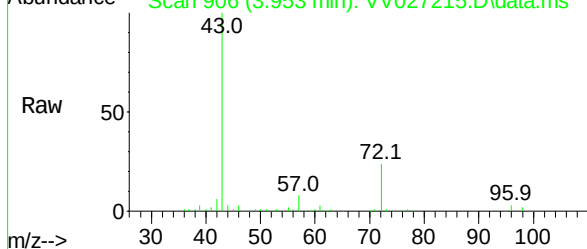
Tgt Ion: 43 Resp: 254819

Ion Ratio Lower Upper

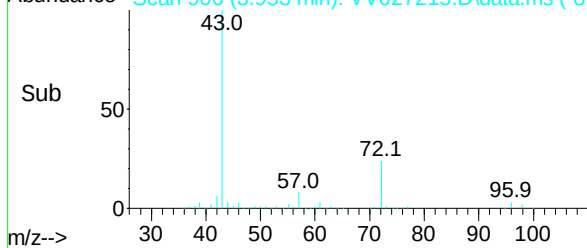
43 100

72 22.5 11.9 35.7

Abundance Scan 906 (3.953 min): VV027215.D\data.ms



Abundance Scan 906 (3.953 min): VV027215.D\data.ms (-813) (-)



Abundance Scan 994 (4.236 min): VV027211.D\data.ms (-979) #23

Bromochloromethane

Concen: 71.063 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.006 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Tgt Ion: 128 Resp: 81755

Ion Ratio Lower Upper

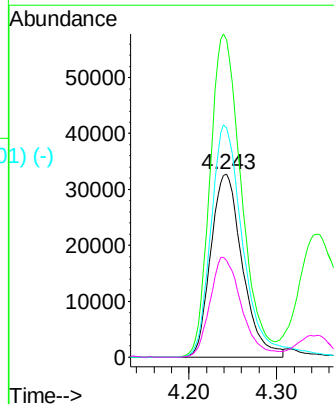
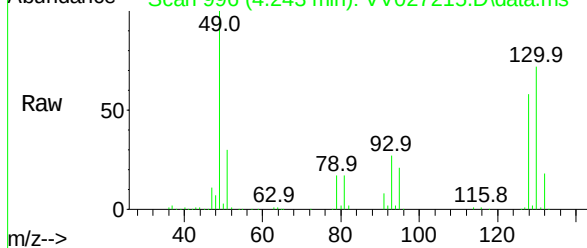
128 100

49 173.1 98.7 183.3

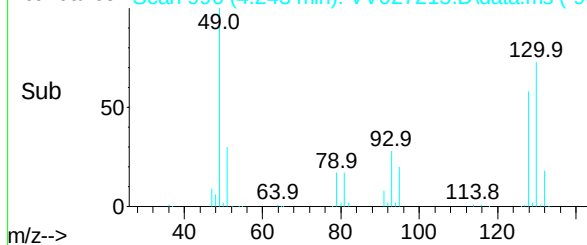
130 125.1 89.5 166.1

51 52.6 37.8 56.8

Abundance Scan 996 (4.243 min): VV027215.D\data.ms



Abundance Scan 996 (4.243 min): VV027215.D\data.ms (-901) (-)



Abundance Scan 1034 (4.365 min): VV027211.D\data.ms (-1025)

Chloroform

Concen: 71.015 ug/L

RT: 4.368 min Scan# 125

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

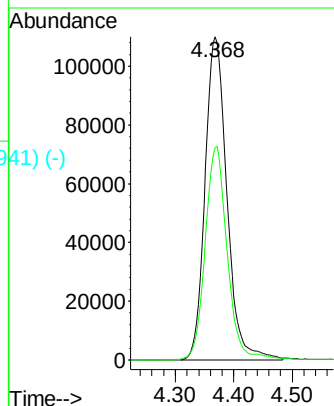
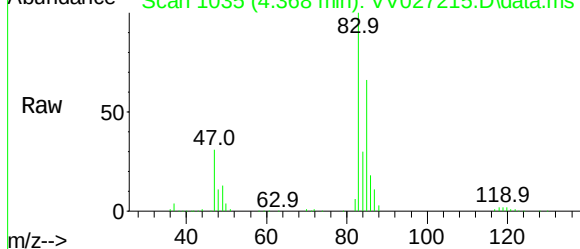
Tgt Ion: 83 Resp: 285724

Ion Ratio Lower Upper

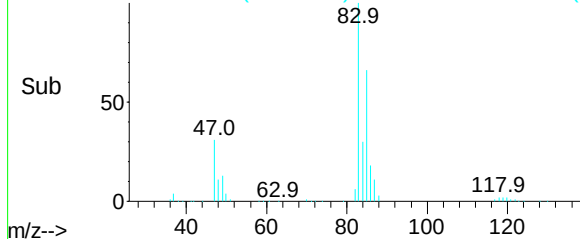
83 100

85 65.8 45.4 84.4

Abundance Scan 1035 (4.368 min): VV027215.D\data.ms



Abundance Scan 1035 (4.368 min): VV027215.D\data.ms (-941) (-)



Abundance Scan 1269 (5.120 min): VV027211.D\data.ms (-12507)

1,2-Dichloroethane

Concen: 73.247 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

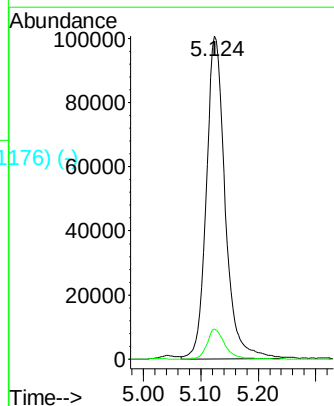
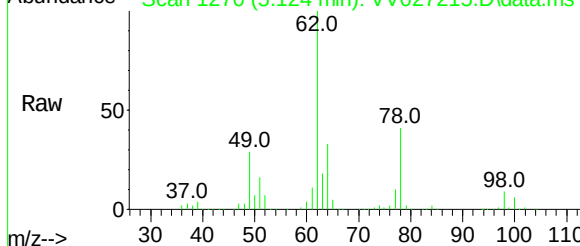
Tgt Ion: 62 Resp: 229523

Ion Ratio Lower Upper

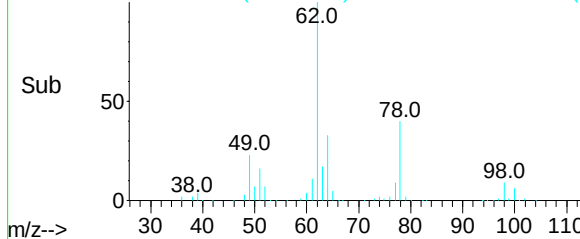
62 100

98 9.3 9.0 13.6

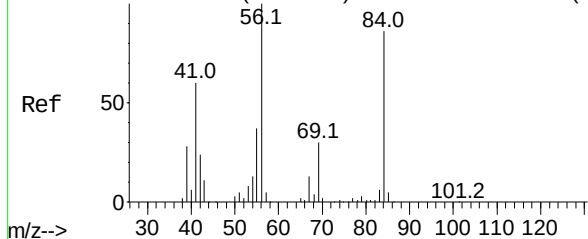
Abundance Scan 1270 (5.124 min): VV027215.D\data.ms



Abundance Scan 1270 (5.124 min): VV027215.D\data.ms (-1176) (-)



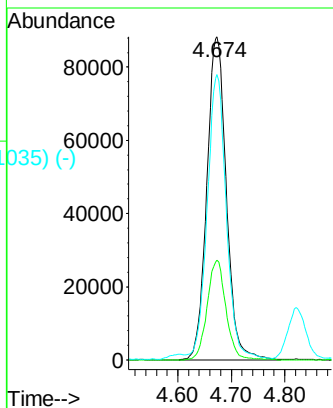
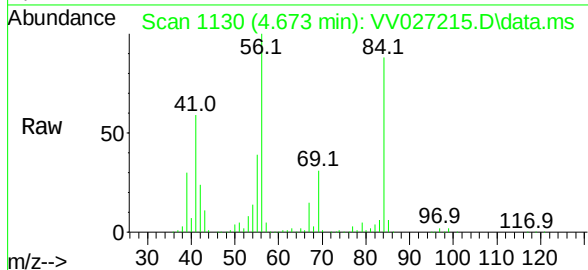
Abundance Scan 1128 (4.667 min): VV027211.D\data.ms (-1029)



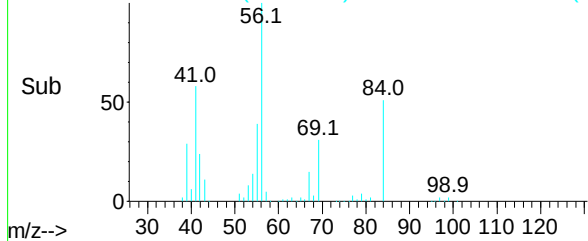
Cyclohexane
Concen: 76.036 ug/L
RT: 4.673 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050329

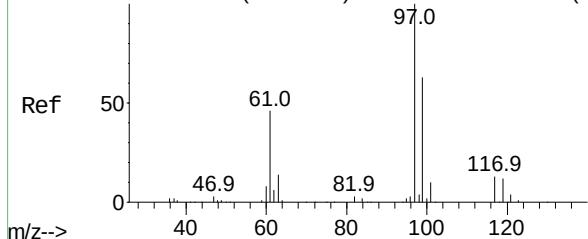
Tgt Ion:	56	Resp:	224590
Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.9	38.9
84	86.5	75.3	112.9



Abundance Scan 1130 (4.673 min): VV027215.D\data.ms (-1035) (-)

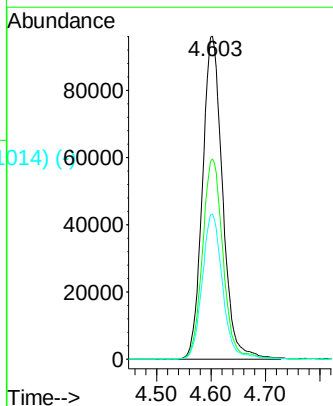
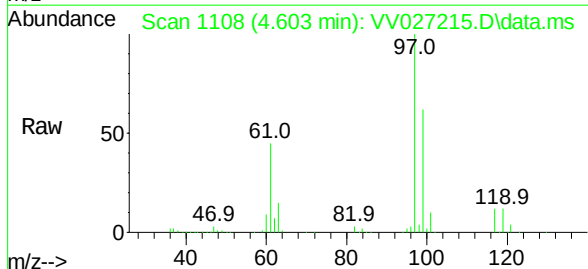


Abundance Scan 1107 (4.600 min): VV027211.D\data.ms (-1030)

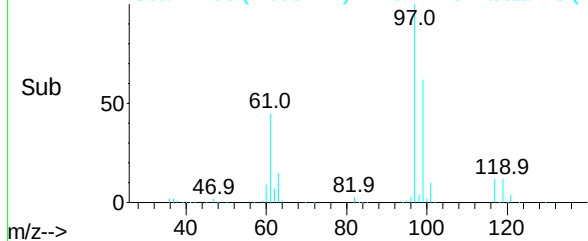


1,1,1-Trichloroethane
Concen: 72.520 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

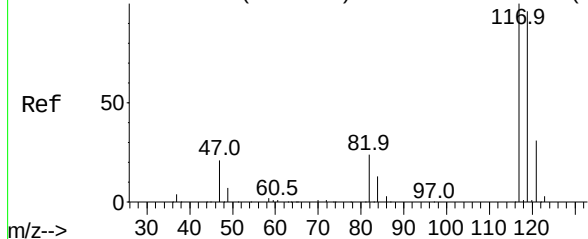
Tgt Ion:	97	Resp:	246526
Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.4	77.2
61	45.4	32.1	48.1



Abundance Scan 1108 (4.603 min): VV027215.D\data.ms (-1014) (-)



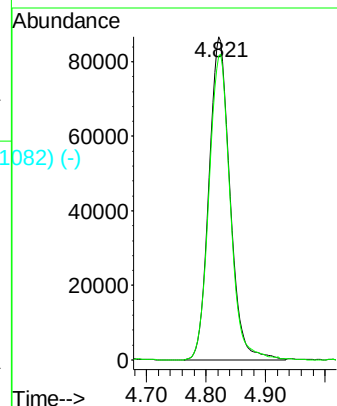
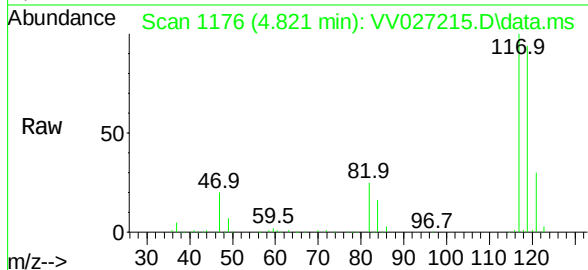
Abundance Scan 1175 (4.818 min): VV027211.D\data.ms (-11571-)



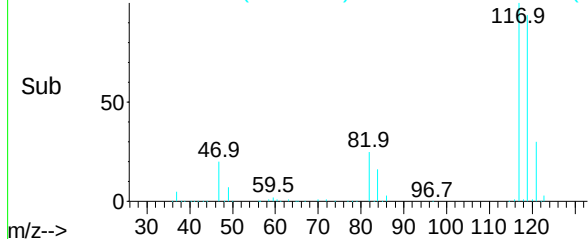
Carbon tetrachloride
Concen: 71.582 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Instrument : MSVOA_V
ClientSampleId : VSTD050329

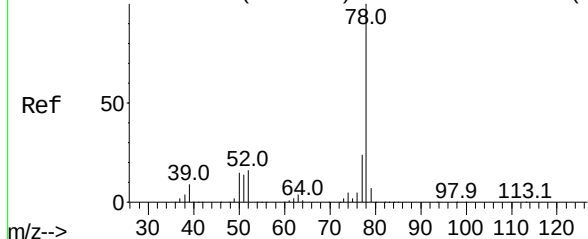
Tgt Ion:117 Resp: 211265
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6



Abundance Scan 1176 (4.821 min): VV027215.D\data.ms (-1082) (-)

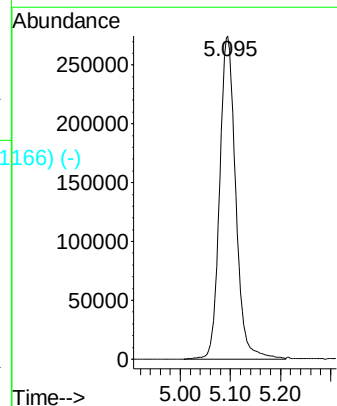
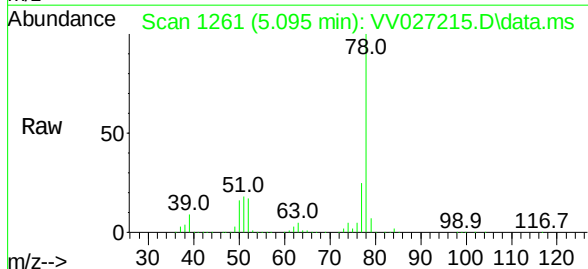


Abundance Scan 1259 (5.088 min): VV027211.D\data.ms (-12333-)

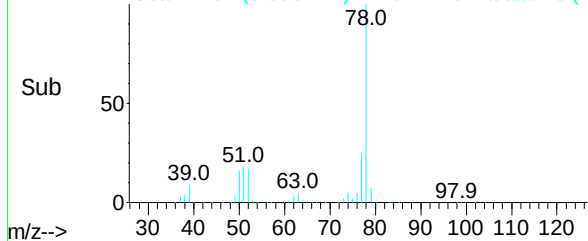


Benzene
Concen: 74.715 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

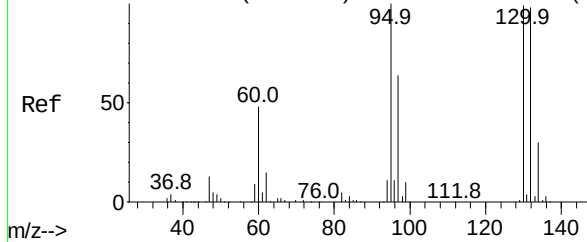
Tgt Ion: 78 Resp: 615791



Abundance Scan 1261 (5.095 min): VV027215.D\data.ms (-1166) (-)



Abundance Scan 1513 (5.905 min): VV027211.D\data.ms (-15094)



Trichloroethene

Concen: 70.404 ug/L

RT: 5.908 min Scan# 1513

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

Tgt Ion: 95 Resp: 148577

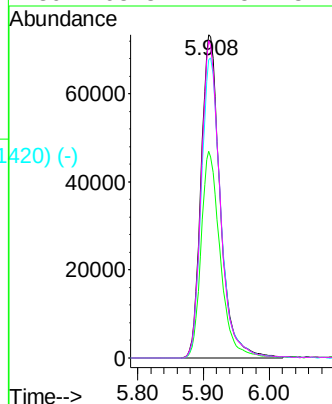
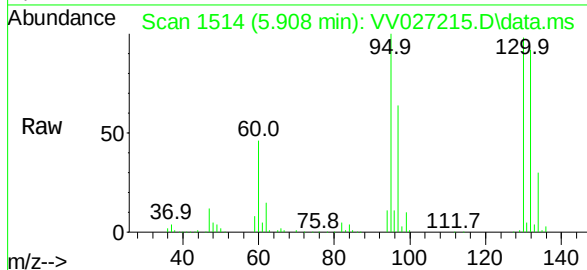
Ion Ratio Lower Upper

95 100

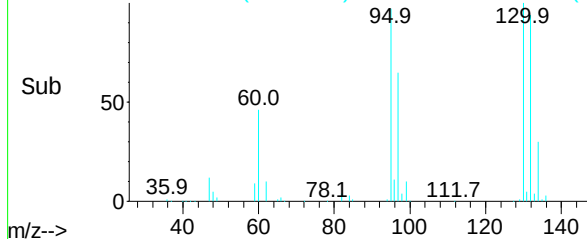
97 64.0 45.9 85.3

132 92.3 69.8 129.6

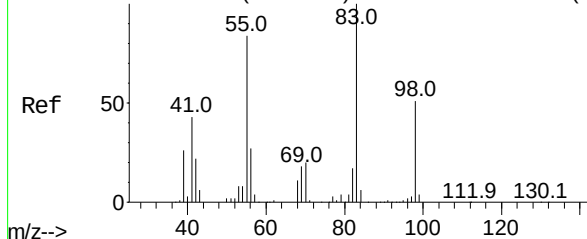
130 98.3 72.5 134.7



Abundance Scan 1514 (5.908 min): VV027215.D\data.ms (-1420) (-)



Abundance Scan 1581 (6.124 min): VV027211.D\data.ms (-15695)



Methylcyclohexane

Concen: 74.872 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

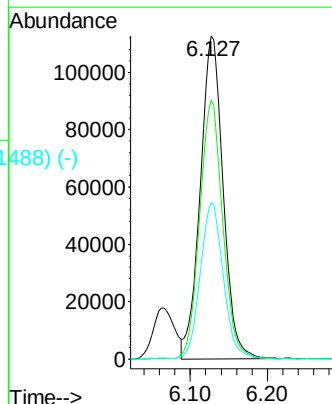
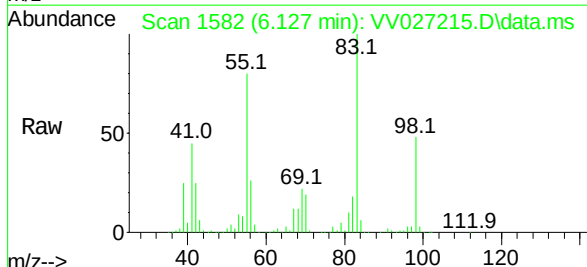
Tgt Ion: 83 Resp: 232338

Ion Ratio Lower Upper

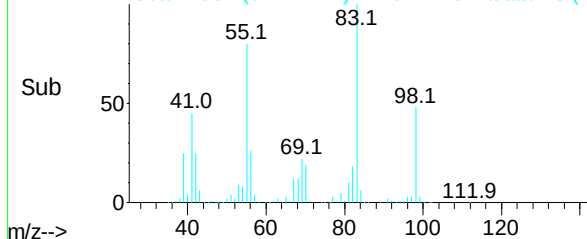
83 100

55 80.6 55.5 83.3

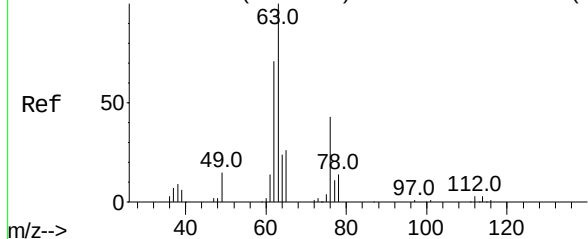
98 48.8 39.0 58.4



Abundance Scan 1582 (6.127 min): VV027215.D\data.ms (-1488) (-)



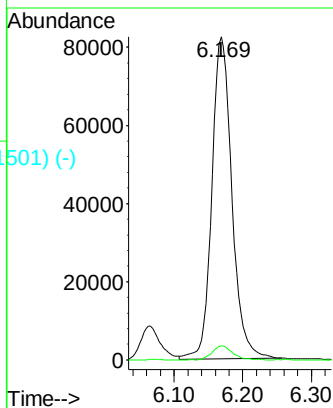
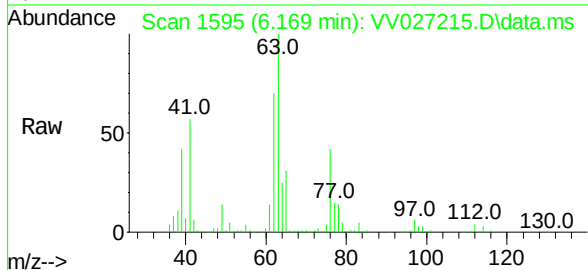
Abundance Scan 1594 (6.165 min): VV027211.D\data.ms (-1594) (-)



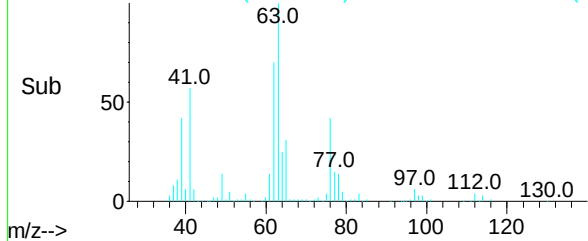
1,2-Dichloropropane
Concen: 72.293 ug/L
RT: 6.169 min Scan# 1594
Delta R.T. 0.003 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050329

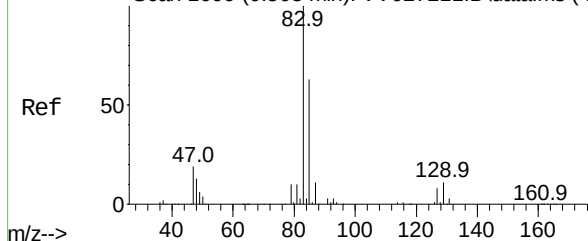
Tgt Ion: 63 Resp: 166924
Ion Ratio Lower Upper
63 100
112 4.4 3.7 5.5



Abundance Scan 1595 (6.169 min): VV027215.D\data.ms (-1501) (-)

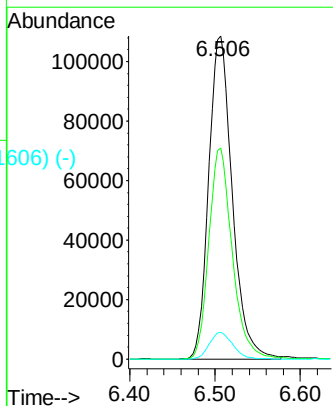
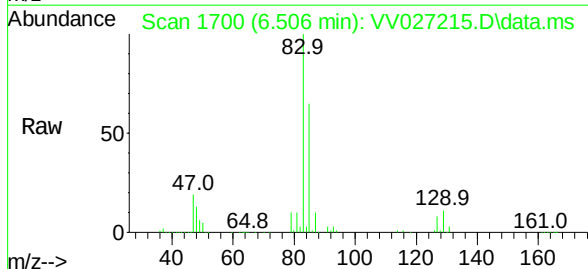


Abundance Scan 1699 (6.503 min): VV027211.D\data.ms (-1699) (-)

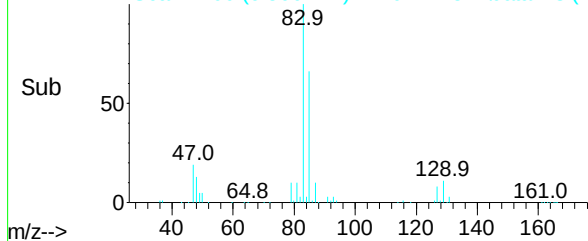


Bromodichloromethane
Concen: 68.796 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

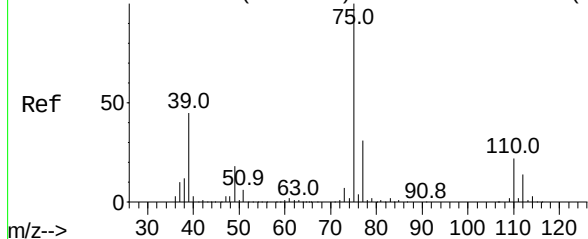
Tgt Ion: 83 Resp: 208135
Ion Ratio Lower Upper
83 100
85 65.3 45.5 84.5
127 8.3 7.0 10.6



Abundance Scan 1700 (6.506 min): VV027215.D\data.ms (-1606) (-)



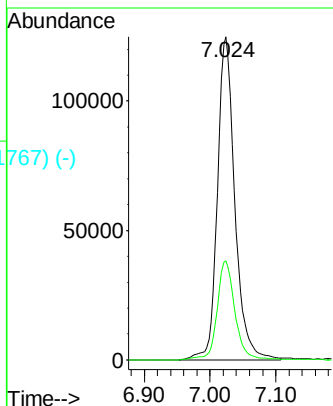
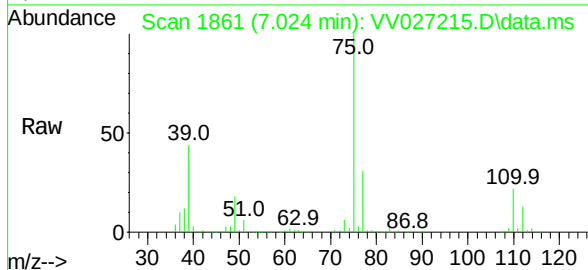
Abundance Scan 1860 (7.021 min): VV027211.D\data.ms (-1836) (-)



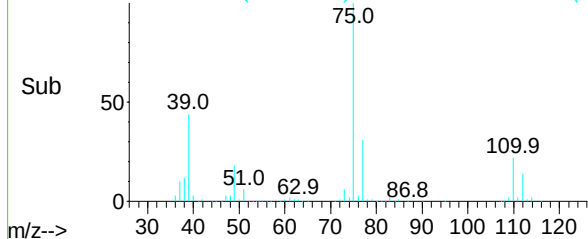
cis-1,3-Dichloropropene
Concen: 75.100 ug/L
RT: 7.024 min Scan# 1860
Delta R.T. 0.003 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050329

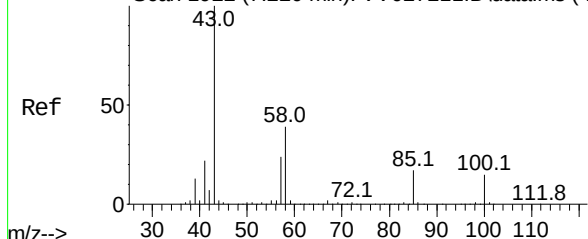
Tgt Ion: 75 Resp: 229693
Ion Ratio Lower Upper
75 100
77 30.8 22.5 41.7



Abundance Scan 1861 (7.024 min): VV027215.D\data.ms (-1767) (-)

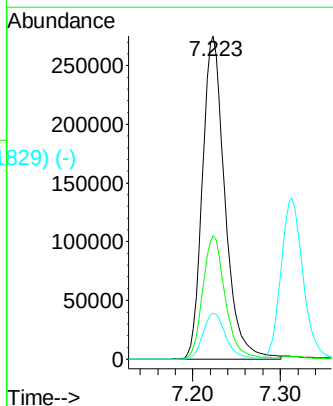
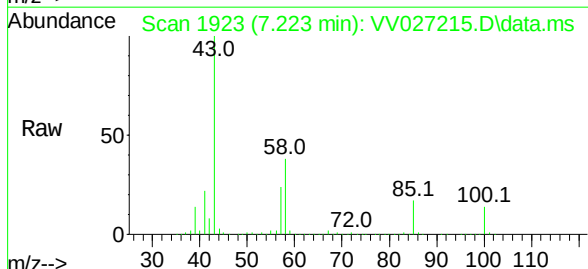


Abundance Scan 1922 (7.220 min): VV027211.D\data.ms (-1916) (-)

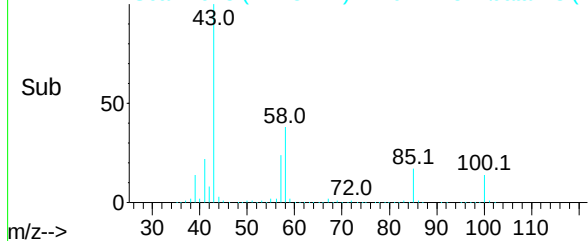


4-Methyl-2-pentanone
Concen: 147.777 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. 0.003 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

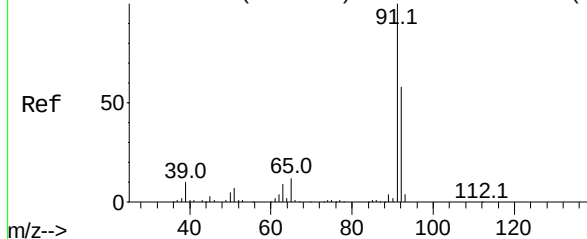
Tgt Ion: 43 Resp: 486774
Ion Ratio Lower Upper
43 100
58 38.3 35.3 52.9
100 14.3 15.7 23.5#



Abundance Scan 1923 (7.223 min): VV027215.D\data.ms (-1829) (-)



Abundance Scan 1972 (7.381 min): VV027211.D\data.ms (-19594-)



Toluene

Concen: 75.260 ug/L

RT: 7.384 min Scan#

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

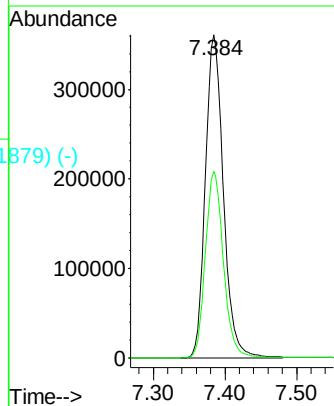
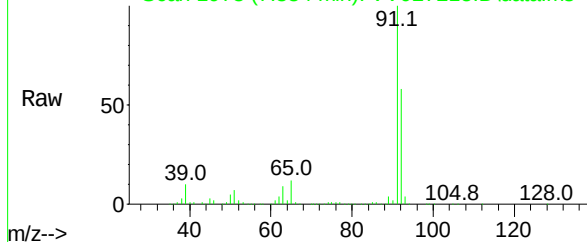
Tgt Ion: 91 Resp: 630668

Ion Ratio Lower Upper

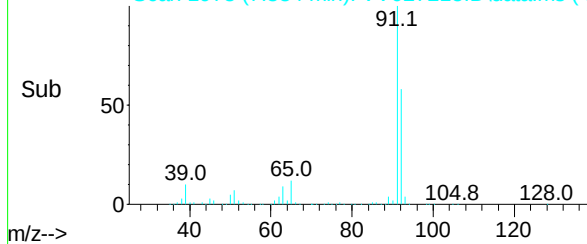
91 100

92 57.8 40.9 76.0

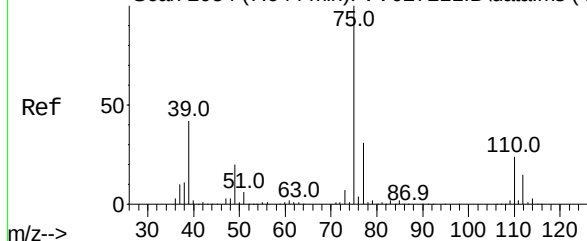
Abundance Scan 1973 (7.384 min): VV027215.D\data.ms



Abundance Scan 1973 (7.384 min): VV027215.D\data.ms (-1879) (-)



Abundance Scan 2054 (7.644 min): VV027211.D\data.ms (-20384-)



trans-1,3-Dichloropropene

Concen: 75.327 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

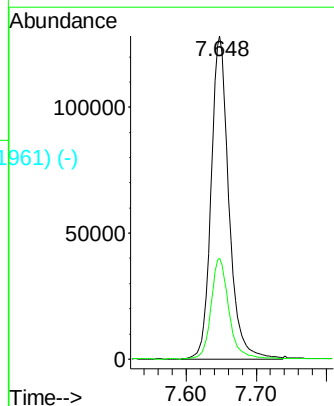
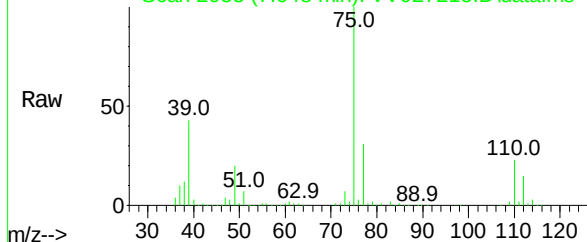
Tgt Ion: 75 Resp: 226407

Ion Ratio Lower Upper

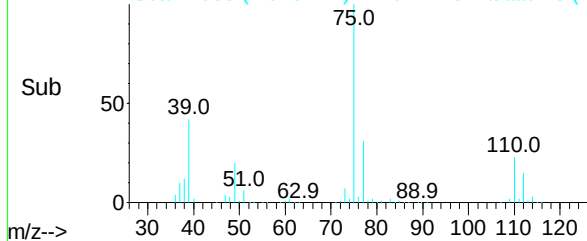
75 100

77 31.3 22.0 41.0

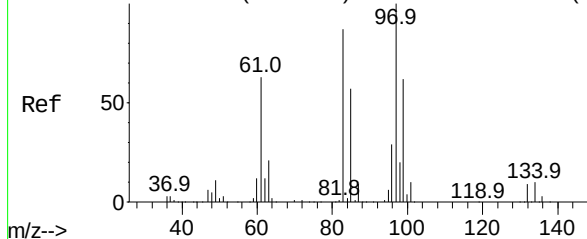
Abundance Scan 2055 (7.648 min): VV027215.D\data.ms



Abundance Scan 2055 (7.648 min): VV027215.D\data.ms (-1961) (-)



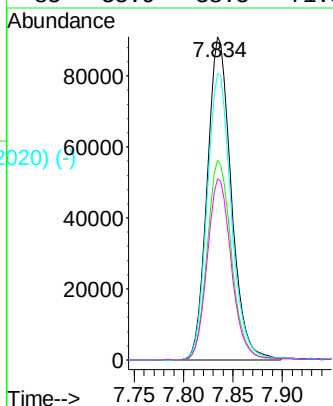
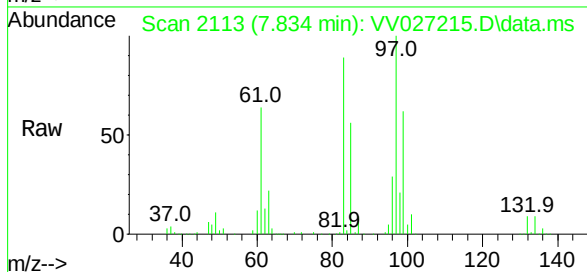
Abundance Scan 2113 (7.834 min): VV027211.D\data.ms (-21045)



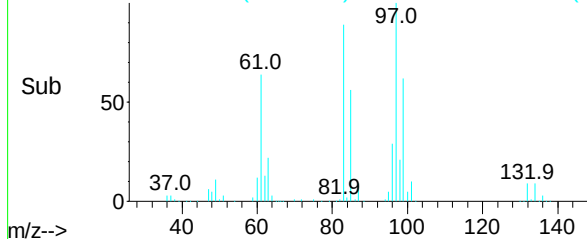
1,1,2-Trichloroethane
Concen: 69.361 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050329

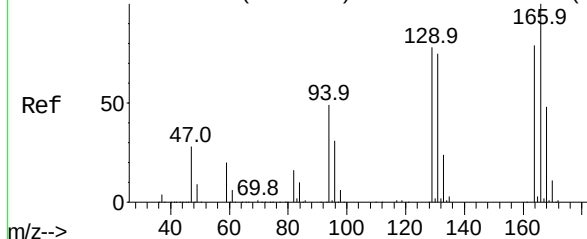
Tgt Ion:	97	Resp:	154356
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.2	80.2
83	88.8	58.0	107.6
85	55.9	38.5	71.5



Abundance Scan 2113 (7.834 min): VV027215.D\data.ms (-2020) (-)

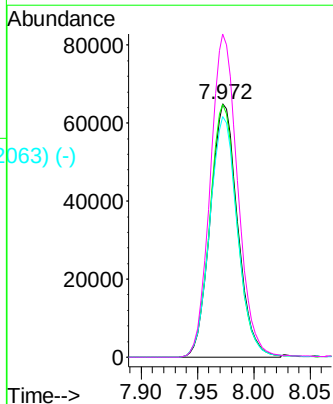
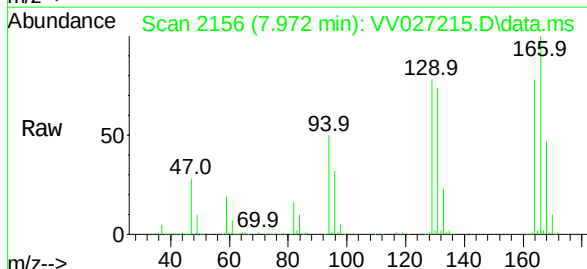


Abundance Scan 2156 (7.972 min): VV027211.D\data.ms (-21436)

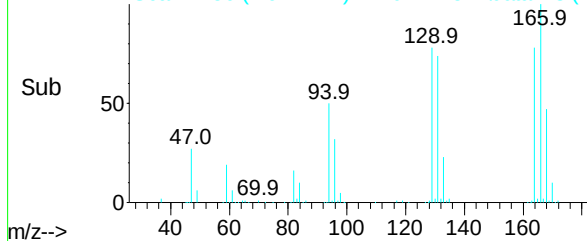


Tetrachloroethene
Concen: 70.885 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Tgt Ion:	164	Resp:	109488
Ion	Ratio	Lower	Upper
164	100		
129	99.9	67.5	125.4
131	94.9	64.3	119.3
166	127.6	88.9	165.1



Abundance Scan 2156 (7.972 min): VV027215.D\data.ms (-2063) (-)



Abundance Scan 2207 (8.136 min): VV027211.D\data.ms (-21974)

2-Hexanone

Concen: 148.602 ug/L

RT: 8.136 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

Tgt Ion: 43 Resp: 389847

Ion Ratio Lower Upper

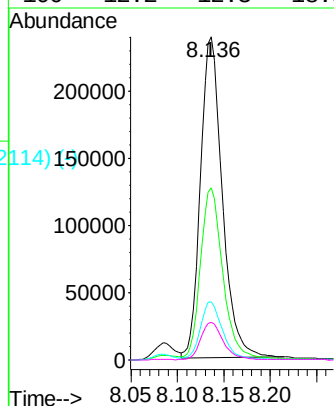
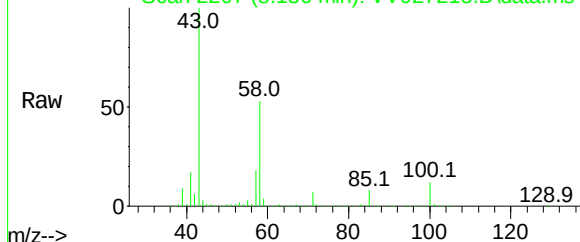
43 100

58 55.3 50.8 76.2

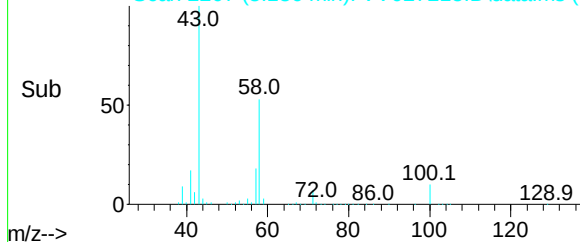
57 18.6 17.1 25.7

100 12.2 12.3 18.5#

Abundance Scan 2207 (8.136 min): VV027215.D\data.ms



Abundance Scan 2207 (8.136 min): VV027215.D\data.ms (-2114)



Abundance Scan 2239 (8.239 min): VV027211.D\data.ms (-22269)

Dibromochloromethane

Concen: 69.034 ug/L

RT: 8.242 min Scan# 2240

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

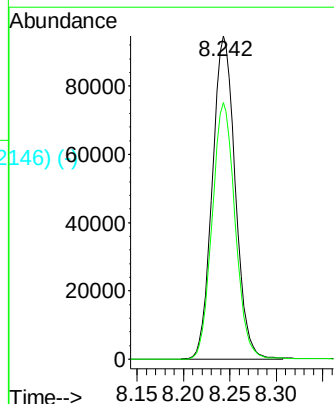
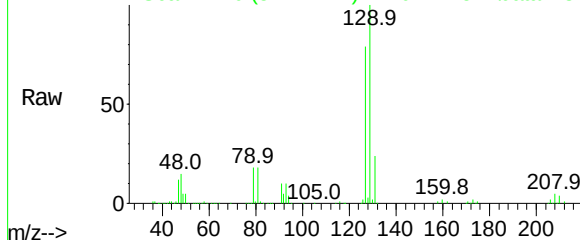
Tgt Ion:129 Resp: 162397

Ion Ratio Lower Upper

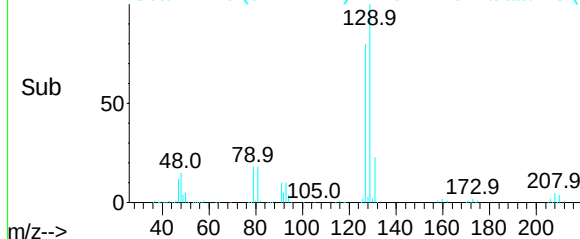
129 100

127 79.4 53.3 98.9

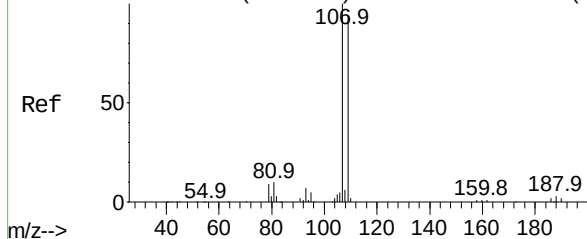
Abundance Scan 2240 (8.242 min): VV027215.D\data.ms



Abundance Scan 2240 (8.242 min): VV027215.D\data.ms (-2146)



Abundance Scan 2273 (8.349 min): VV027211.D\data.ms (-22659)



1,2-Dibromoethane

Concen: 71.466 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

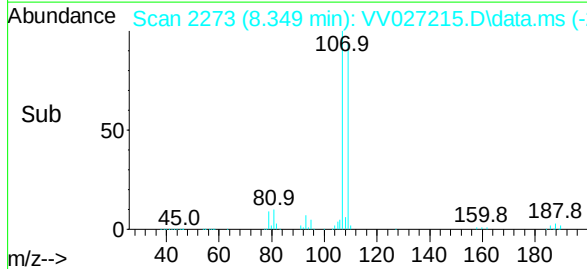
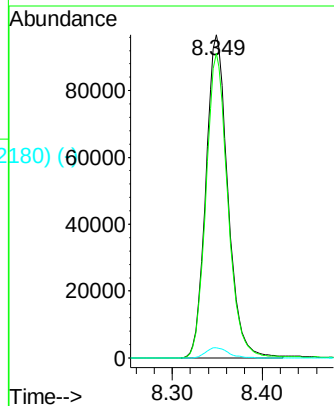
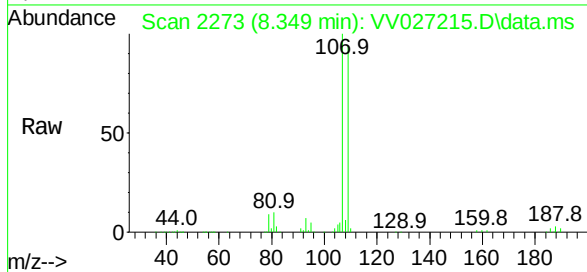
Tgt Ion:107 Resp: 163647

Ion Ratio Lower Upper

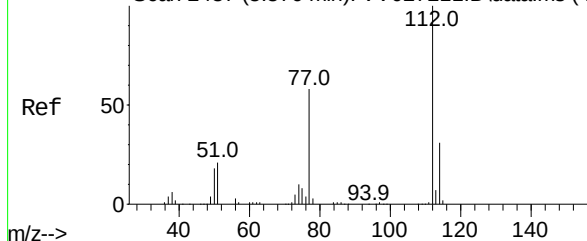
107 100

109 94.2 65.7 121.9

188 3.2 2.7 4.1



Abundance Scan 2437 (8.876 min): VV027211.D\data.ms (-24251)



Chlorobenzene

Concen: 70.375 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

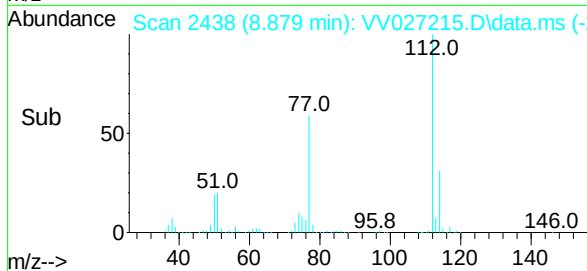
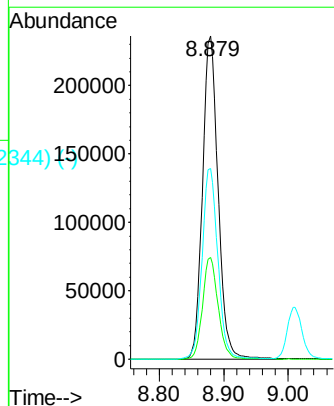
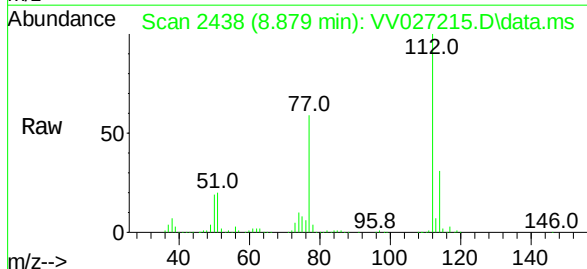
Tgt Ion:112 Resp: 395559

Ion Ratio Lower Upper

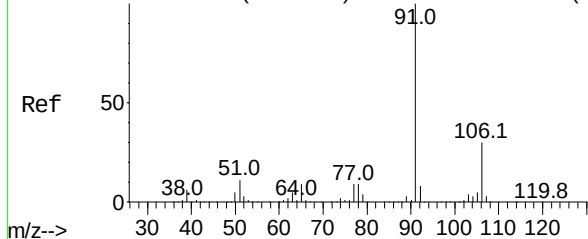
112 100

114 31.5 22.8 42.4

77 59.0 44.2 66.2



Abundance Scan 2478 (9.008 min): VV027211.D\data.ms (-24652-)



Ethylbenzene

Concen: 74.741 ug/L

RT: 9.011 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

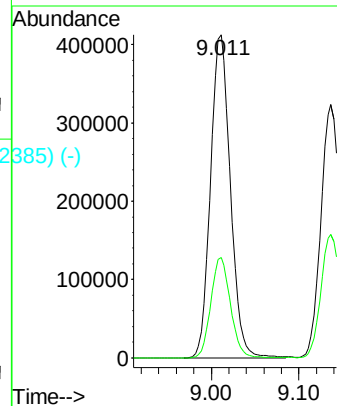
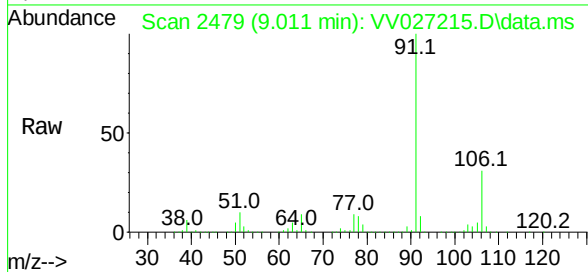
VSTD050329

Tgt Ion: 91 Resp: 646275

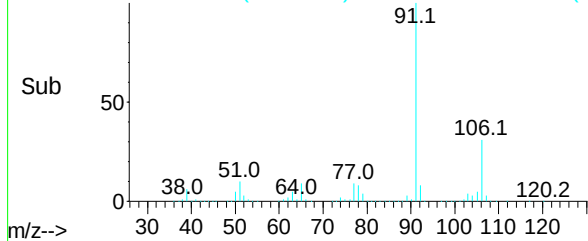
Ion Ratio Lower Upper

91 100

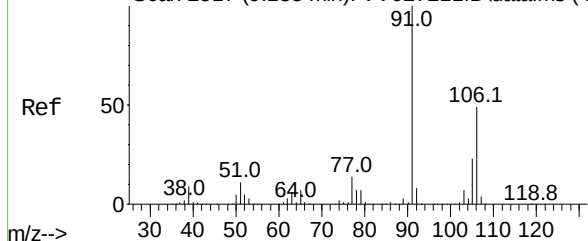
106 31.0 21.8 40.6



Abundance Scan 2479 (9.011 min): VV027215.D\data.ms (-2385-)



Abundance Scan 2517 (9.133 min): VV027211.D\data.ms (-25053-)



m,p-Xylene

Concen: 77.217 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV027215.D

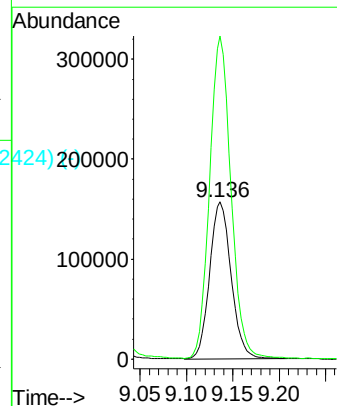
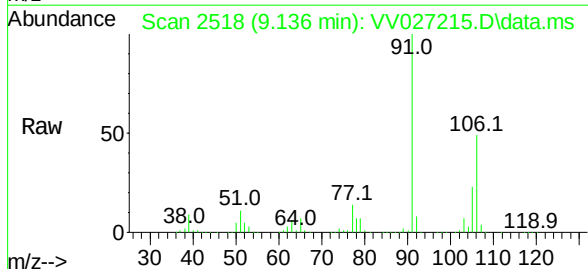
Acq: 04 Aug 2022 18:21

Tgt Ion:106 Resp: 252338

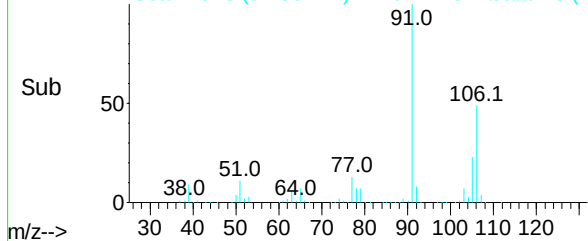
Ion Ratio Lower Upper

106 100

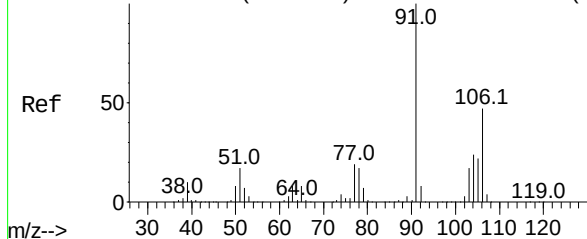
91 205.2 137.5 255.3



Abundance Scan 2518 (9.136 min): VV027215.D\data.ms (-2424-)



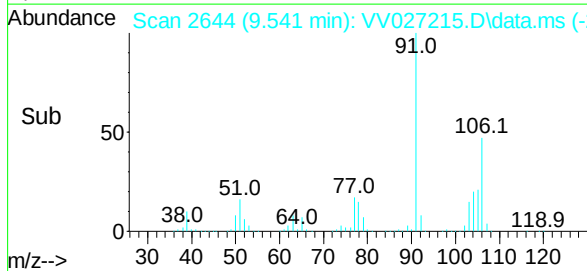
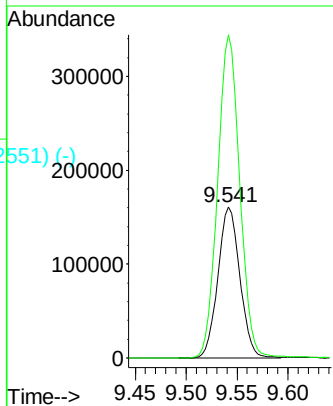
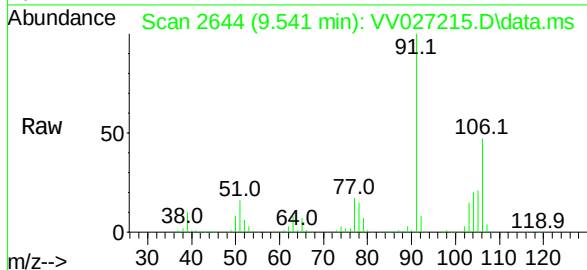
Abundance Scan 2644 (9.542 min): VV027211.D\data.ms (-263254)



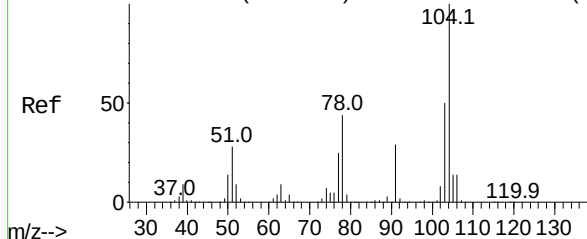
o-Xylene
Concen: 76.024 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Instrument : MSVOA_V
ClientSampleId : VSTD050329

Tgt Ion:106 Resp: 242039
Ion Ratio Lower Upper
106 100
91 213.8 146.6 272.2

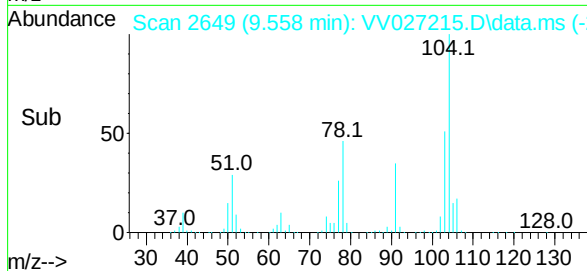
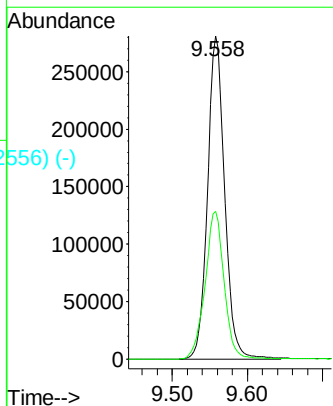
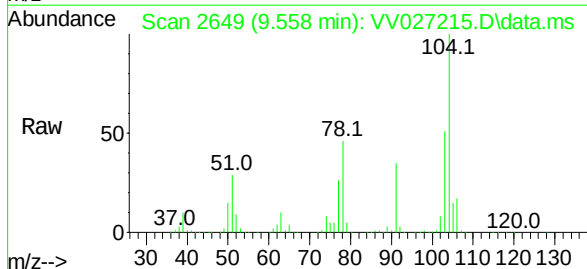


Abundance Scan 2649 (9.558 min): VV027211.D\data.ms (-263255)



Styrene
Concen: 79.339 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

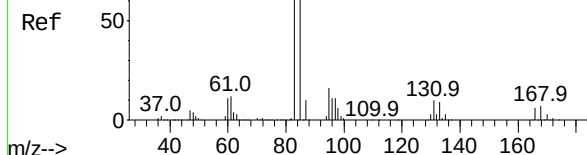
Tgt Ion:104 Resp: 444969
Ion Ratio Lower Upper
104 100
78 45.8 29.6 55.0



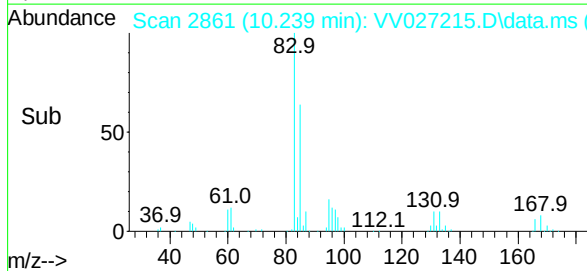
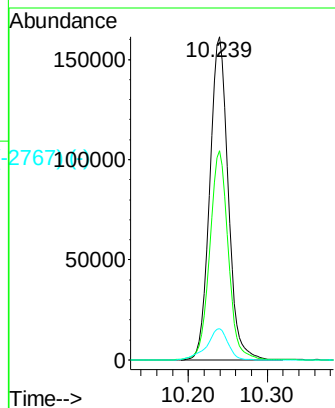
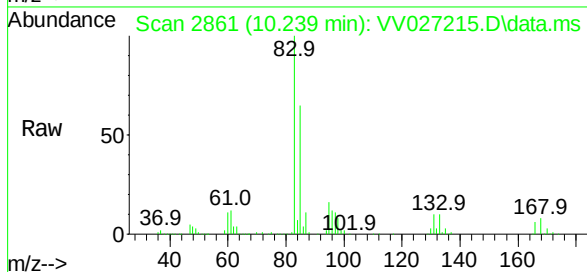
Abundance Scan 2860 (10.236 min): VV027211.D\data.ms (-2659) (-)

1,1,2,2-Tetrachloroethane
Concen: 69.962 ug/L
RT: 10.239 min Scan# 2860
Delta R.T. 0.003 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050329



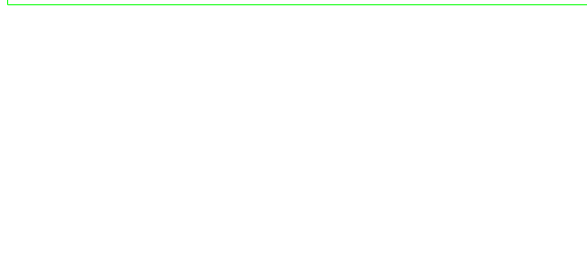
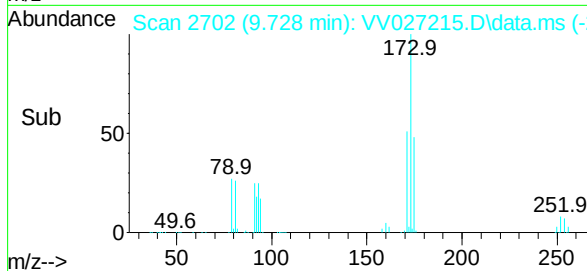
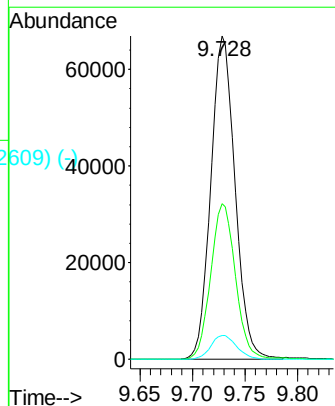
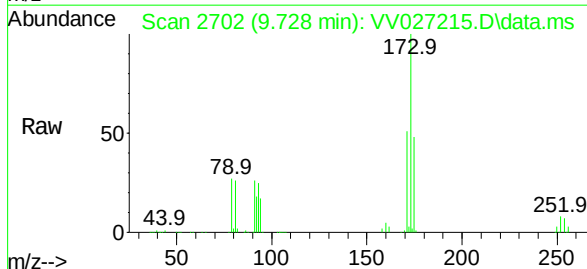
Tgt Ion:	83	Resp:	260828
Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.2	84.0
131	9.7	8.1	12.1



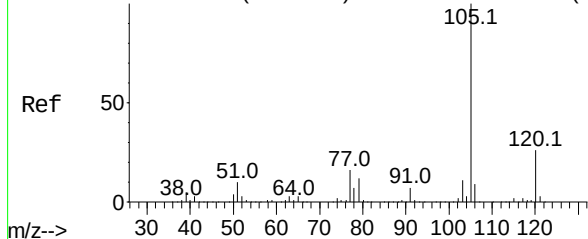
Abundance Scan 2702 (9.728 min): VV027211.D\data.ms (-2659) (-)

Bromoform
Concen: 65.017 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027215.D
Acq: 04 Aug 2022 18:21

Tgt Ion:	173	Resp:	107197
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.0	58.4
254	7.7	6.9	10.3



Abundance Scan 2764 (9.927 min): VV027211.D\data.ms (-2759) (-)



Isopropylbenzene

Concen: 71.896 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

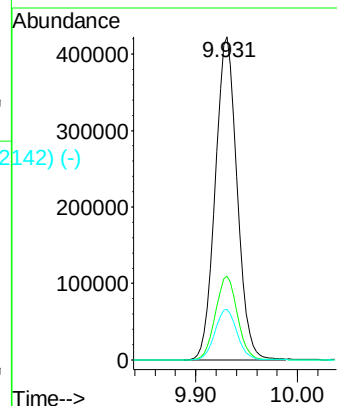
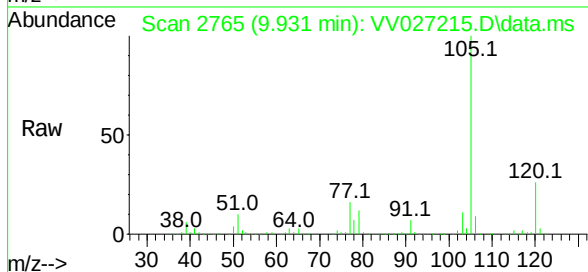
Tgt Ion:105 Resp: 628751

Ion Ratio Lower Upper

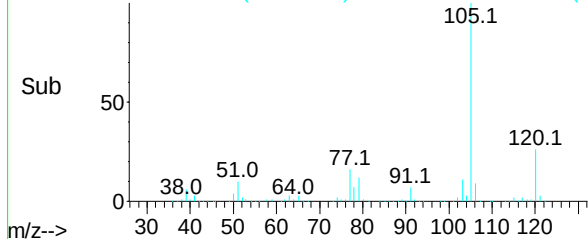
105 100

120 26.2 21.4 32.0

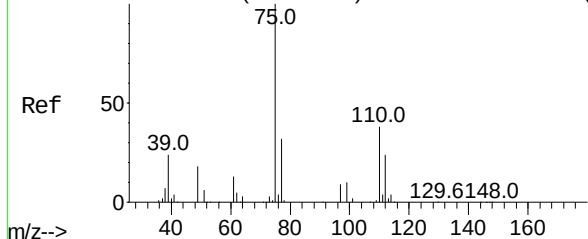
77 15.9 11.8 17.6



Abundance Scan 2765 (9.931 min): VV027215.D\data.ms (-2142) (-)



Abundance Scan 2870 (10.268 min): VV027211.D\data.ms (-2868) (-)



1,2,3-Trichloropropane

Concen: 66.195 ug/L

RT: 10.271 min Scan# 2871

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

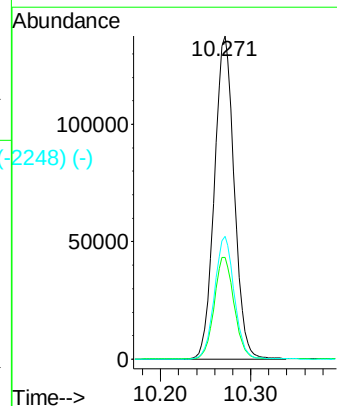
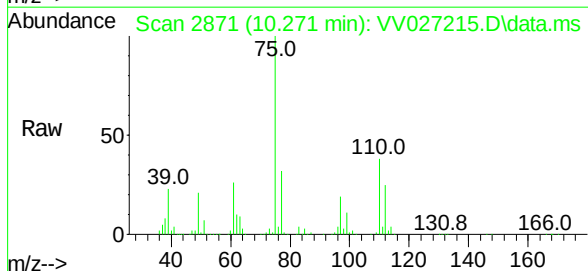
Tgt Ion: 75 Resp: 210889

Ion Ratio Lower Upper

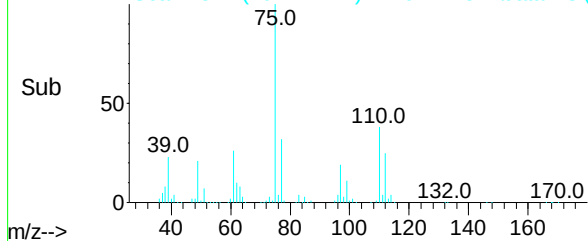
75 100

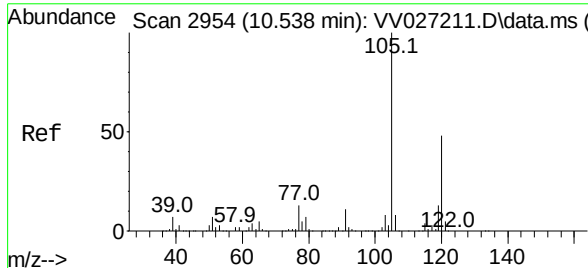
77 31.3 25.8 38.8

110 37.8 32.7 49.1



Abundance Scan 2871 (10.271 min): VV027215.D\data.ms (-2248) (-)

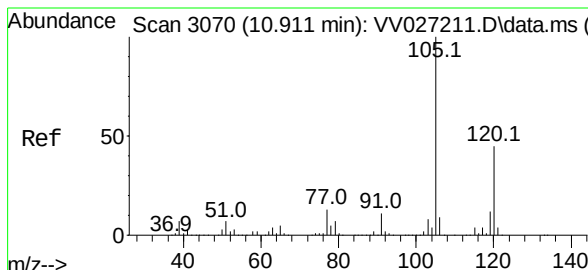
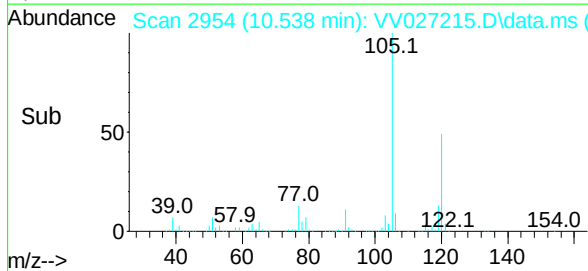
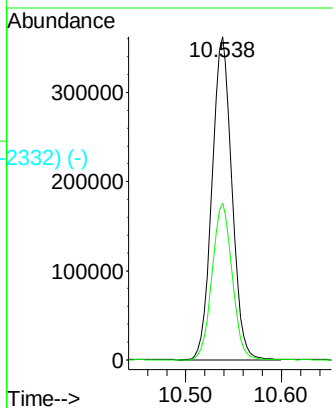
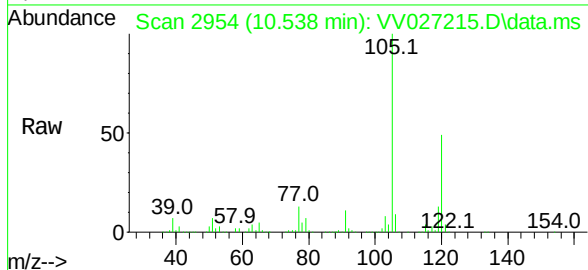




Scan 2954 (10.538 min): VV027211.D\data.ms (-2960) (-)
 1,3,5-Trimethylbenzene
 Concen: 72.279 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027215.D
 Acq: 04 Aug 2022 18:21

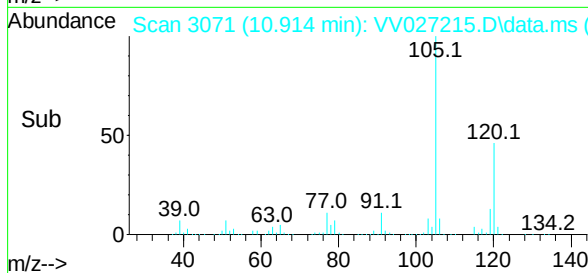
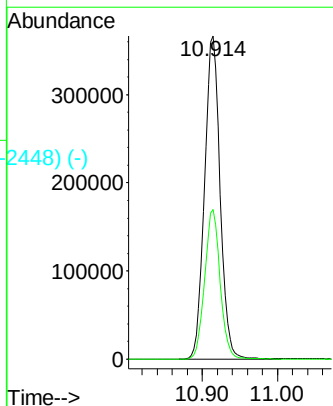
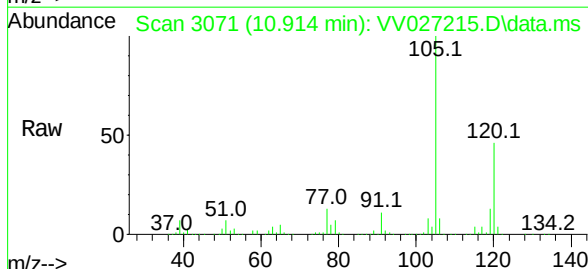
Instrument : MSVOA_V
 ClientSampleId : VSTD050329

Tgt Ion:105 Resp: 522008
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.3 58.9



Scan 3070 (10.911 min): VV027211.D\data.ms (-3053) (-)
 1,2,4-Trimethylbenzene
 Concen: 74.424 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027215.D
 Acq: 04 Aug 2022 18:21

Tgt Ion:105 Resp: 526550
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.0 55.6



Abundance Scan 3153 (11.178 min): VV027211.D\data.ms (-3161) (-)

1,3-Dichlorobenzene

Concen: 70.747 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

Tgt Ion:146 Resp: 299865

Ion Ratio Lower Upper

146 100

111 42.2 28.4 52.8

148 64.9 44.7 82.9

Abundance Scan 3153 (11.178 min): VV027215.D\data.ms

Ref 50 146.0

75.0 111.0

50.0 93.9

Raw 50 146.0

75.0 111.0

50.0 93.9

Sub 50 146.0

75.0 111.0

50.0 93.9

m/z-->

Abundance Scan 3153 (11.178 min): VV027215.D\data.ms (-3060) (-)

Ref 50 146.0

75.0 111.0

50.0 93.9

Raw 50 146.0

75.0 111.0

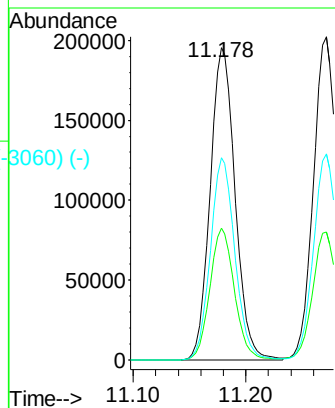
50.0 93.9

Sub 50 146.0

75.0 111.0

50.0 93.9

m/z-->



Abundance Scan 3181 (11.268 min): VV027211.D\data.ms (-3165) (-)

1,4-Dichlorobenzene

Concen: 68.698 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Tgt Ion:146 Resp: 306437

Ion Ratio Lower Upper

146 100

111 39.5 27.4 51.0

148 63.8 44.6 82.8

Abundance Scan 3182 (11.271 min): VV027215.D\data.ms

Ref 50 146.0

75.0 111.0

50.0 93.6

Raw 50 146.0

75.0 111.0

50.0 93.6

Sub 50 146.0

75.0 111.0

50.0 93.7

m/z-->

Abundance Scan 3182 (11.271 min): VV027215.D\data.ms (-3057) (-)

Ref 50 146.0

75.0 111.0

50.0 93.7

Raw 50 146.0

75.0 111.0

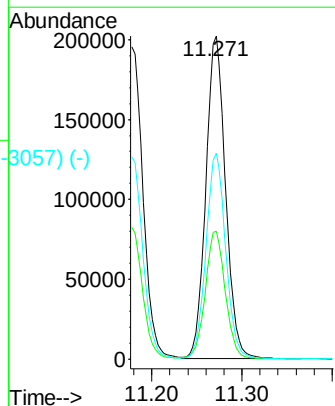
50.0 93.7

Sub 50 146.0

75.0 111.0

50.0 93.7

m/z-->



Abundance Scan 3297 (11.641 min): VV027211.D\data.ms (-3297) (-)

1,2-Dichlorobenzene

Concen: 70.105 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329

Tgt Ion:146 Resp: 311338

Ion Ratio Lower Upper

146 100

111 42.9 34.0 51.0

148 62.1 50.5 75.7

Abundance Scan 3297 (11.641 min): VV027215.D\data.ms

Ref 50 146.0

Raw 50 146.0

Sub 50 146.0

m/z--> 40 60 80 100 120 140 160

Abundance Scan 3297 (11.641 min): VV027215.D\data.ms (-3173) (-)

Ref 50 146.0

Raw 50 146.0

Sub 50 146.0

m/z--> 40 60 80 100 120 140 160

Abundance

11.641

150000

100000

50000

0

Time--> 11.60 11.70

Abundance Scan 3541 (12.426 min): VV027211.D\data.ms (-3541) (-)

1,2-Dibromo-3-chloropropane

Concen: 65.176 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

Tgt Ion: 75 Resp: 58254

Ion Ratio Lower Upper

75 100

155 73.0 69.1 103.7

157 96.6 87.8 131.8

Abundance Scan 3541 (12.426 min): VV027215.D\data.ms

Ref 50 75.0

Raw 50 75.0

Sub 50 75.0

m/z--> 40 60 80 100 120 140 160 180 200 220 240

Abundance

12.426

30000

20000

10000

0

Time--> 12.40 12.50

Abundance Scan 3541 (12.426 min): VV027215.D\data.ms (-3417) (-)

Ref 50 75.0

Raw 50 75.0

Sub 50 75.0

m/z--> 40 60 80 100 120 140 160 180 200 220 240

Abundance Scan 3608 (12.641 min): VV027211.D\data.ms (-3559) (-)

1,3,5-Trichlorobenzene

Concen: 70.625 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV027215.D

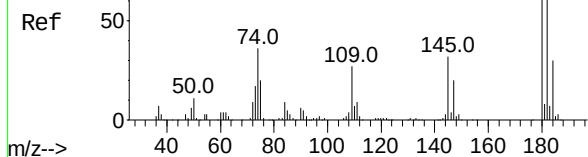
Acq: 04 Aug 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD050329



Tgt Ion:180 Resp: 201057

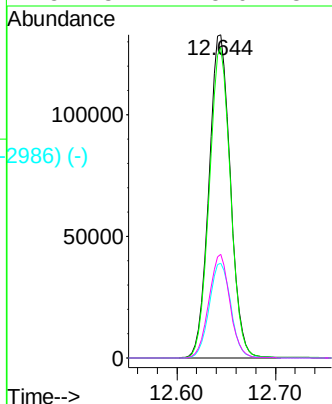
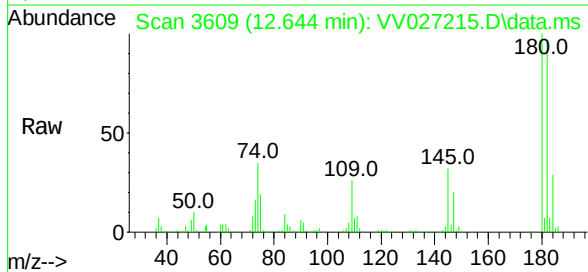
Ion Ratio Lower Upper

180 100

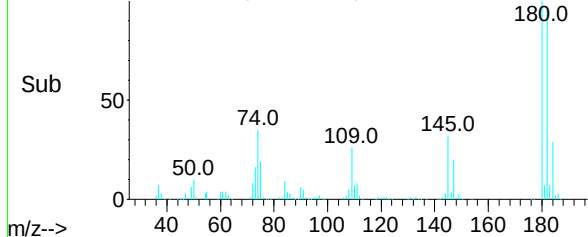
182 94.9 76.2 114.4

184 29.4 24.8 37.2

145 31.4 25.0 37.6



Abundance Scan 3609 (12.644 min): VV027215.D\data.ms (-2986) (-)



Abundance Scan 3800 (13.258 min): VV027211.D\data.ms (-3780) (-)

1,2,4-trichlorobenzene

Concen: 70.966 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027215.D

Acq: 04 Aug 2022 18:21

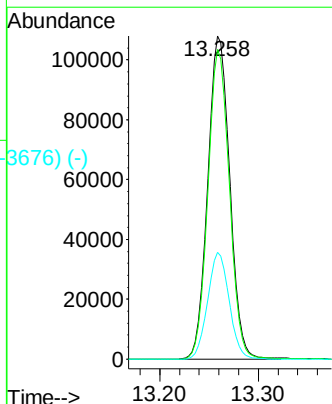
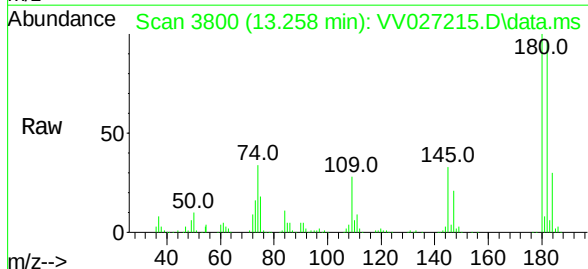
Tgt Ion:180 Resp: 167794

Ion Ratio Lower Upper

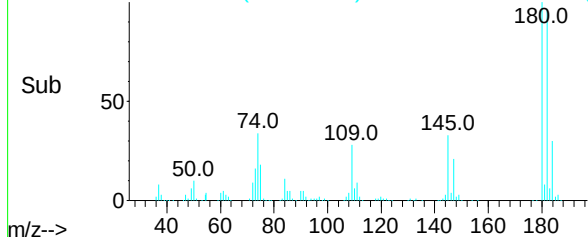
180 100

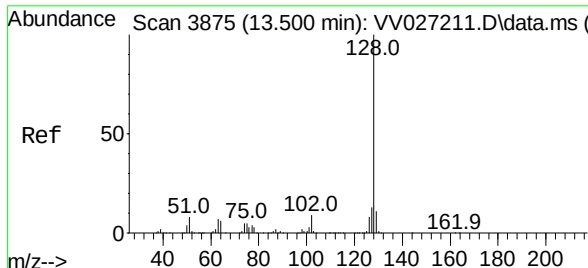
182 93.4 75.9 113.9

145 32.2 24.7 37.1



Abundance Scan 3800 (13.258 min): VV027215.D\data.ms (-3676) (-)

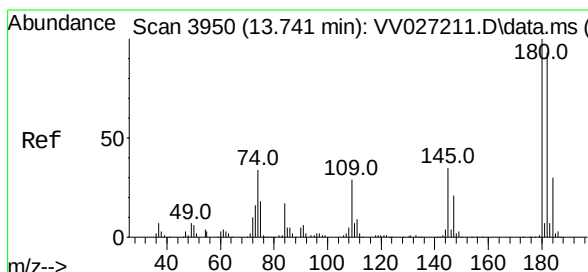
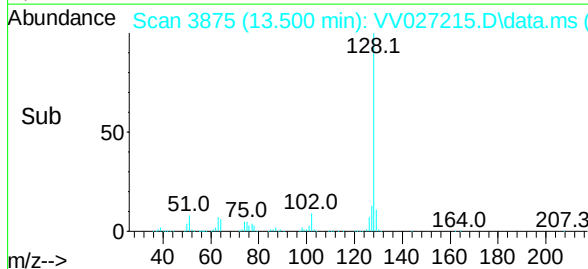
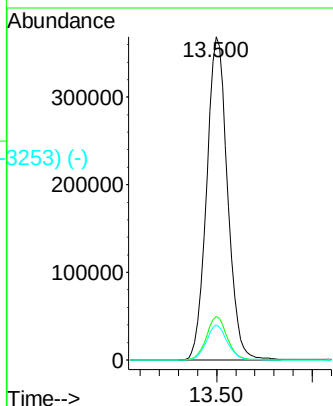
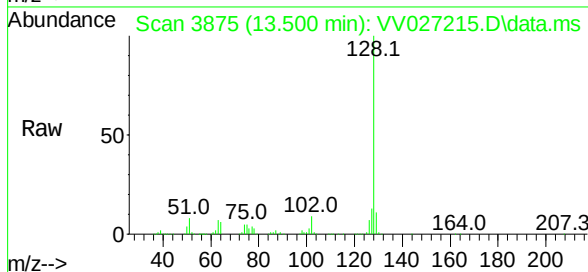




Naphthalene
 Concen: 68.932 ug/L
 RT: 13.500 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: VV027215.D
 Acq: 04 Aug 2022 18:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050329

Tgt Ion:	128	Resp:	558092
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.7	8.6	13.0



1,2,3-Trichlorobenzene
 Concen: 71.734 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. -0.000 min
 Lab File: VV027215.D
 Acq: 04 Aug 2022 18:21

Tgt Ion:	180	Resp:	187996
Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.3	114.5
145	34.8	27.4	41.0

