

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069510.D
 Acq On : 16 Nov 2021 15:59
 Operator : JC/MD
 Sample : VN1116MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 00:54:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : Sw846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1014519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1692942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1532877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	652283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	748895	50.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.82%			
35) Dibromofluoromethane	8.021	113	515204	50.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.48%			
50) Toluene-d8	10.440	98	1989950	49.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.66%			
62) 4-Bromofluorobenzene	12.731	95	694031	47.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.62%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	209370	19.32	ug/l	99
3) Chloromethane	2.303	50	225451	17.94	ug/l	98
4) Vinyl Chloride	2.448	62	224443	17.83	ug/l	99
5) Bromomethane	2.861	94	142571	17.44	ug/l	99
6) Chloroethane	3.022	64	147389	17.35	ug/l	98
7) Trichlorofluoromethane	3.376	101	347838	17.88	ug/l	97
8) Diethyl Ether	3.824	74	124237	19.74	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	181377	19.79	ug/l	95
10) Methyl Iodide	4.419	142	217359	19.34	ug/l	97
11) Tert butyl alcohol	5.380	59	240754	90.83	ug/l	98
12) 1,1-Dichloroethene	4.181	96	158631	19.29	ug/l	91
13) Acrolein	4.041	56	27128	67.44	ug/l	98
14) Allyl chloride	4.840	41	340594	18.74	ug/l	95
15) Acrylonitrile	5.557	53	691467	101.87	ug/l	99
16) Acetone	4.288	43	697217	87.85	ug/l	96
17) Carbon Disulfide	4.529	76	291779	15.01	ug/l	97
18) Methyl Acetate	4.857	43	505322	19.59	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	708063	20.35	ug/l	98
20) Methylene Chloride	5.093	84	216704	19.26	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	175286	19.09	ug/l	90
22) Diisopropyl ether	6.498	45	807350	20.62	ug/l	95
23) Vinyl Acetate	6.436	43	3068162	101.30	ug/l	95
24) 1,1-Dichloroethane	6.388	63	398817	19.99	ug/l	98
25) 2-Butanone	7.337	43	1033077	96.13	ug/l	92
26) 2,2-Dichloropropane	7.324	77	277357	17.77	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	228641	20.08	ug/l	89
28) Bromochloromethane	7.659	49	220161	21.55	ug/l #	81
29) Tetrahydrofuran	7.686	42	668398	101.35	ug/l	89
30) Chloroform	7.817	83	418696	20.48	ug/l	100
31) Cyclohexane	8.094	56	367360	18.28	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	329958	19.33	ug/l	96
36) 1,1-Dichloropropene	8.222	75	281575	19.77	ug/l	96
37) Ethyl Acetate	7.415	43	396460	20.59	ug/l	96
38) Carbon Tetrachloride	8.206	117	262504	19.09	ug/l	97
39) Methylcyclohexane	9.462	83	333813	18.84	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.461	78	887116	20.18	ug/l	98
41) Methacrylonitrile	7.638	41	189753	19.07	ug/l	92
42) 1,2-Dichloroethane	8.531	62	362864	21.08	ug/l	97
43) Isopropyl Acetate	8.563	43	630188	20.37	ug/l	94
44) Trichloroethene	9.215	130	210688	20.02	ug/l	96
45) 1,2-Dichloropropane	9.491	63	245108	20.86	ug/l	100
46) Dibromomethane	9.577	93	163198	20.74	ug/l	92
47) Bromodichloromethane	9.762	83	293234	19.97	ug/l	99
48) Methyl methacrylate	9.561	41	283906	19.51	ug/l	92
49) 1,4-Dioxane	9.569	88	104250	386.44	ug/l #	89
51) 4-Methyl-2-Pentanone	10.330	43	2087872	104.58	ug/l	95
52) Toluene	10.505	92	552180	20.16	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	287284	17.71	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	330403	18.50	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	233021	21.10	ug/l	98
56) Ethyl methacrylate	10.762	69	367634	18.99	ug/l	87
57) 1,3-Dichloropropane	11.044	76	401159	20.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	399842	90.69	ug/l	91
59) 2-Hexanone	11.087	43	1455885	91.57	ug/l	93
60) Dibromochloromethane	11.237	129	198852	18.03	ug/l	97
61) 1,2-Dibromoethane	11.347	107	227699	19.15	ug/l	99
64) Tetrachloroethene	10.977	164	191689	20.71	ug/l	94
65) Chlorobenzene	11.771	112	589620	20.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	208023	21.02	ug/l	99
67) Ethyl Benzene	11.846	91	1069613	20.33	ug/l	97
68) m/p-Xylenes	11.953	106	776098	40.10	ug/l	92
69) o-Xylene	12.280	106	389299	20.18	ug/l	92
70) Styrene	12.294	104	629724	19.15	ug/l	96
71) Bromoform	12.457	173	132460	17.79	ug/l #	100
73) Isopropylbenzene	12.578	105	1025146	19.74	ug/l	98
74) N-amyl acetate	12.390	43	424194	19.27	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	364225	20.79	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	417374	27.73	ug/l	72
77) Bromobenzene	12.860	156	240241	20.23	ug/l	82
78) n-propylbenzene	12.921	91	1161691	19.88	ug/l	97
79) 2-Chlorotoluene	13.007	91	724338	20.02	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	848843	20.22	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	69806	17.99	ug/l #	82
82) 4-Chlorotoluene	13.106	91	687808	19.94	ug/l	93
83) tert-Butylbenzene	13.324	119	751271	20.42	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	826783	20.40	ug/l	98
85) sec-Butylbenzene	13.501	105	1019476	19.84	ug/l	98
86) p-Isopropyltoluene	13.616	119	806667	19.77	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	412531	20.03	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	400815	19.84	ug/l	96
89) n-Butylbenzene	13.943	91	630122	18.52	ug/l	97
90) Hexachloroethane	14.211	117	119665	17.43	ug/l	84
91) 1,2-Dichlorobenzene	13.989	146	411757	21.01	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56290	18.46	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	169172	18.56	ug/l	99
94) Hexachlorobutadiene	15.370	225	105413	20.70	ug/l	97
95) Naphthalene	15.507	128	443123	18.39	ug/l	99

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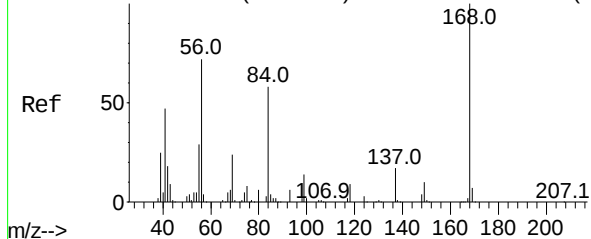
Instrument :
MSVOA_N
ClientSampleId :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.700	180	168012	19.20	ug/l	98

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

Abundance Scan 2273 (8.086 min): VN069417.D\data.ms (-2241) (-)



Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

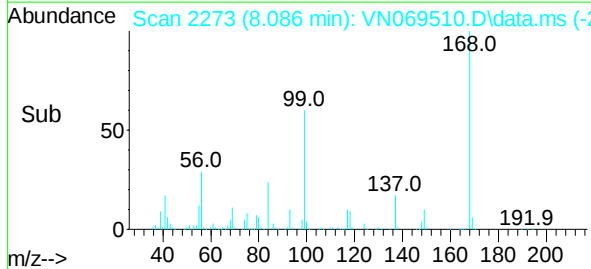
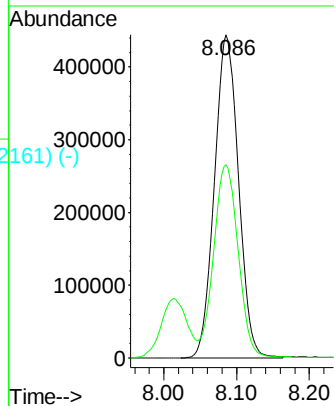
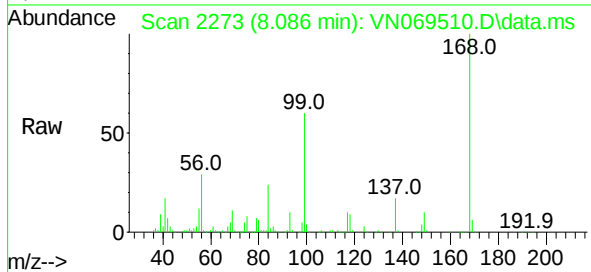
ClientSampleId :

Tgt Ion:168 Resp: 1014519

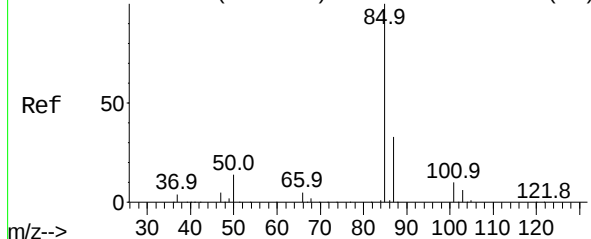
Ion Ratio Lower Upper

168 100

99 59.5 41.3 61.9



Abundance Scan 31 (2.073 min): VN069417.D\data.ms (-16) (-#2)



Dichlorodifluoromethane

Concen: 19.32 ug/l

RT: 2.075 min Scan# 32

Delta R.T. 0.002 min

Lab File: VN069510.D

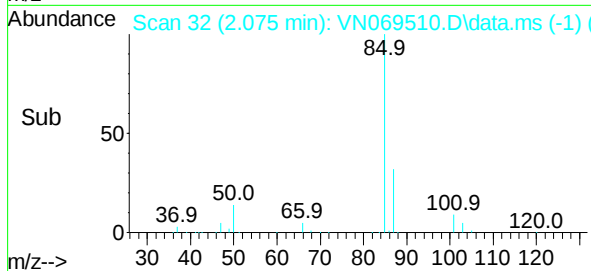
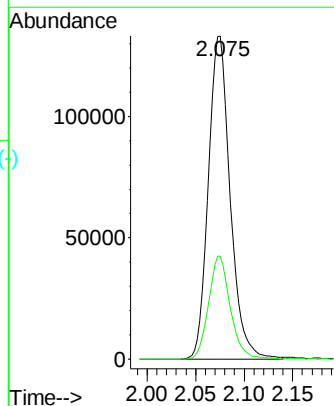
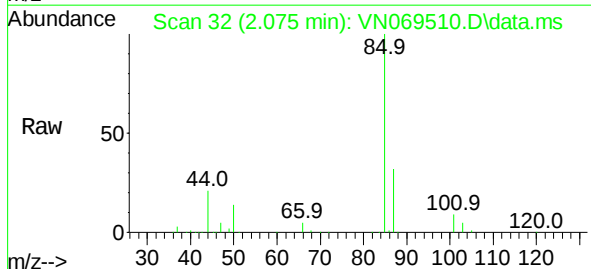
Acq: 16 Nov 2021 15:59

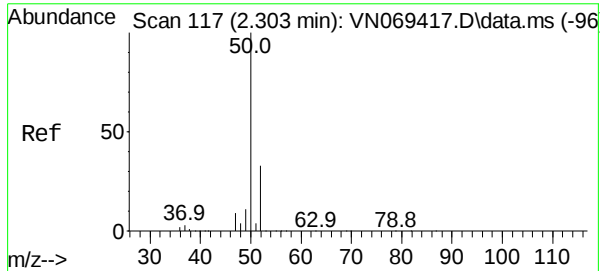
Tgt Ion: 85 Resp: 209370

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9





Chloromethane

Concen: 17.94 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

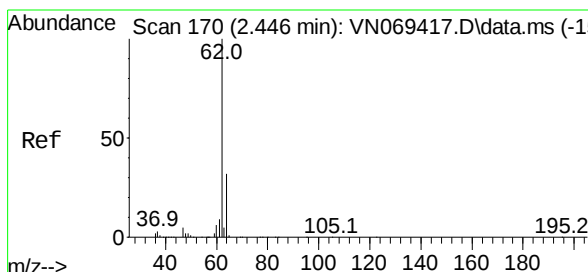
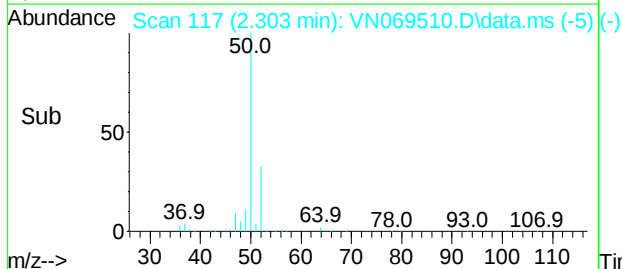
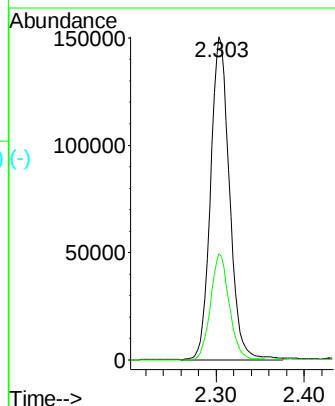
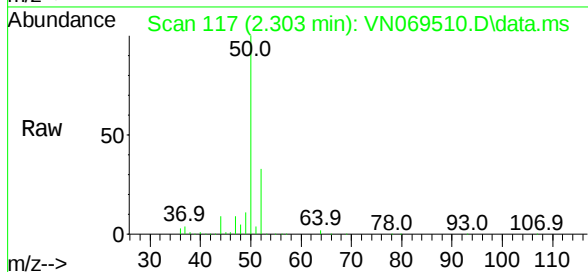
ClientSampleId :

Tgt Ion: 50 Resp: 225451

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.0



Vinyl Chloride

Concen: 17.83 ug/l

RT: 2.448 min Scan# 171

Delta R.T. 0.002 min

Lab File: VN069510.D

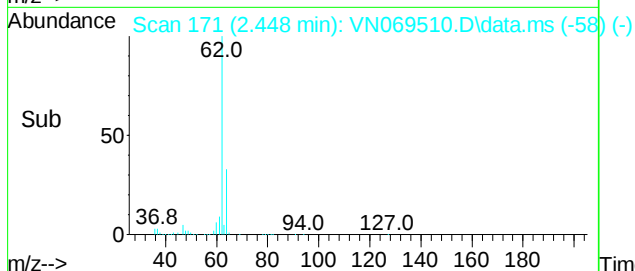
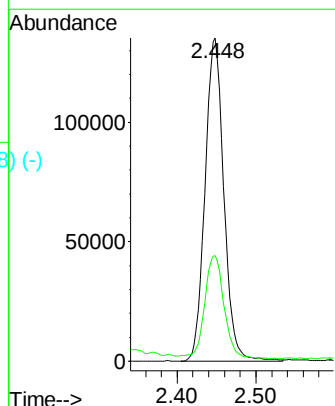
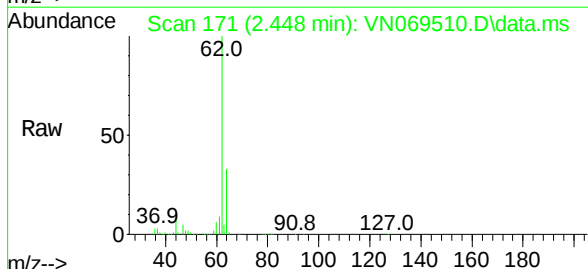
Acq: 16 Nov 2021 15:59

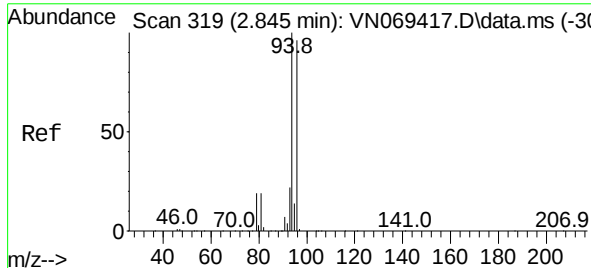
Tgt Ion: 62 Resp: 224443

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.6





Bromomethane

Concen: 17.44 ug/l

RT: 2.861 min Scan#

Delta R.T. 0.016 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

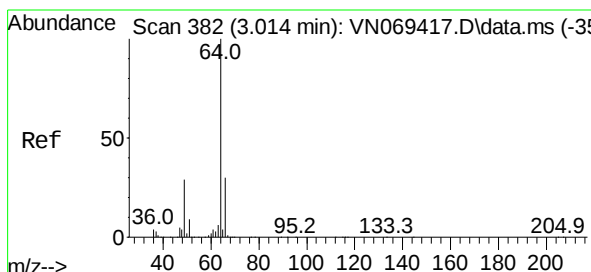
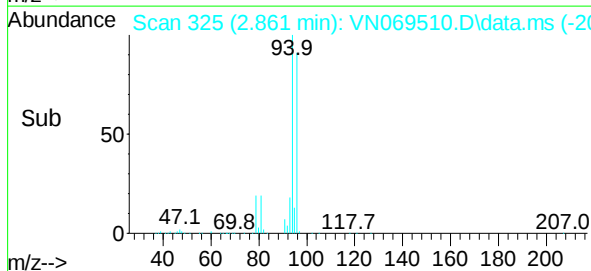
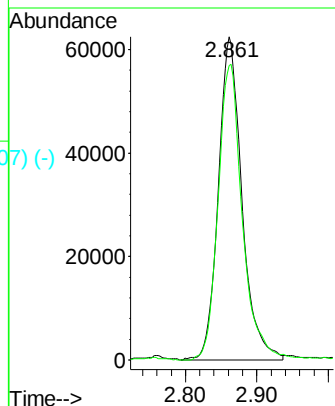
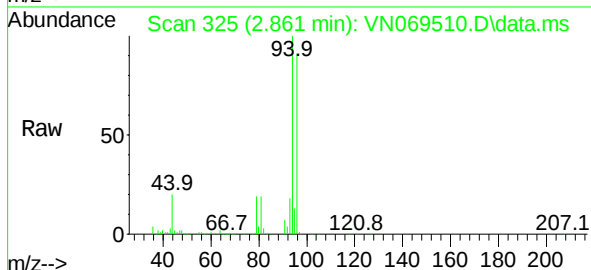
ClientSampleId :

Tgt Ion: 94 Resp: 142571

Ion Ratio Lower Upper

94 100

96 91.1 73.8 110.8



Chloroethane

Concen: 17.35 ug/l

RT: 3.022 min Scan# 385

Delta R.T. 0.008 min

Lab File: VN069510.D

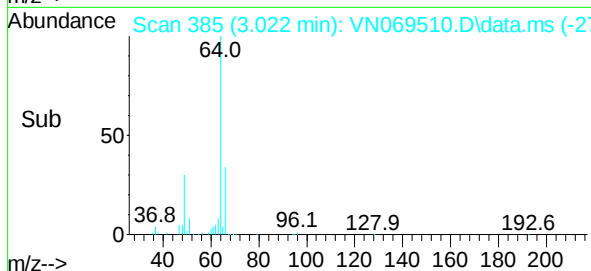
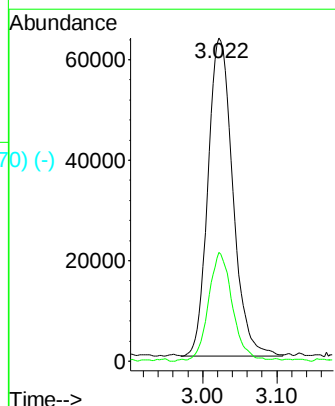
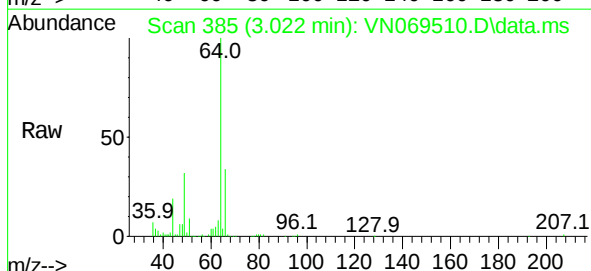
Acq: 16 Nov 2021 15:59

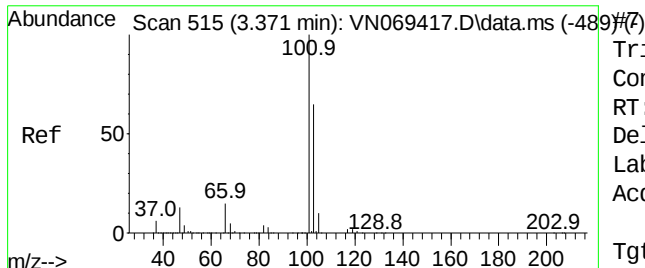
Tgt Ion: 64 Resp: 147389

Ion Ratio Lower Upper

64 100

66 33.8 26.3 39.5

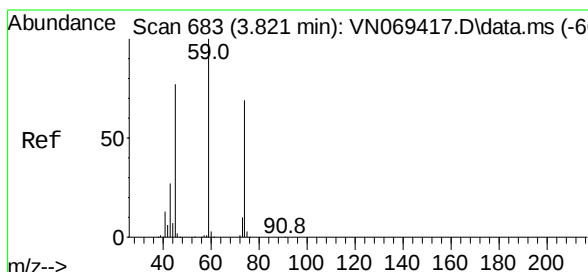
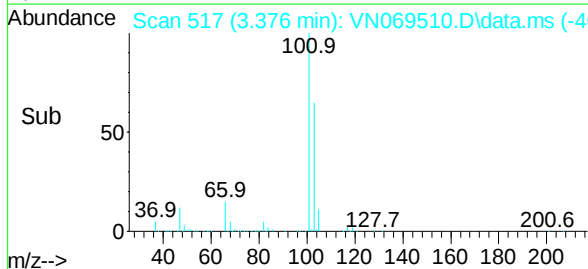
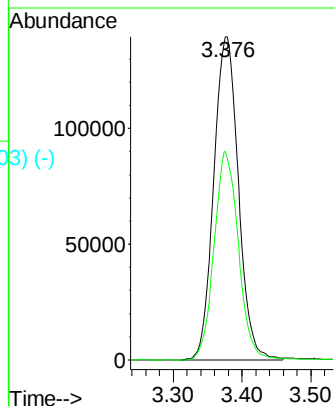
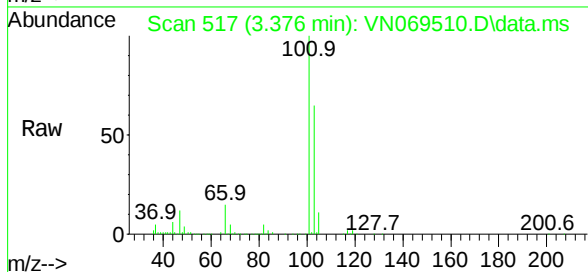




Trichlorofluoromethane
 Concen: 17.88 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069510.D
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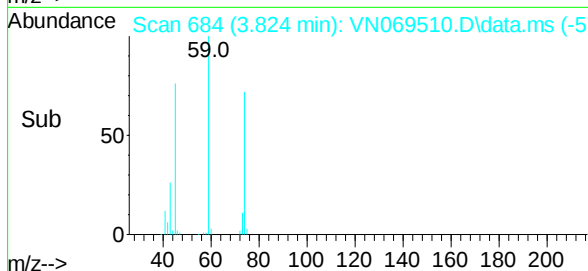
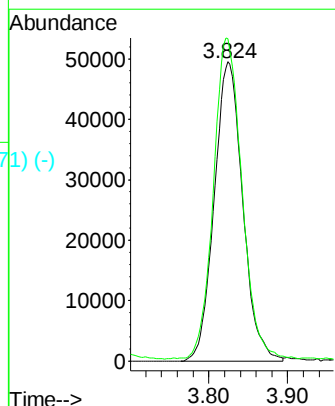
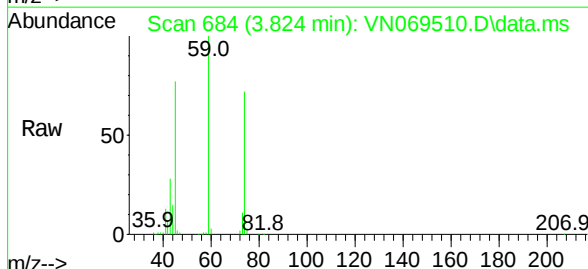
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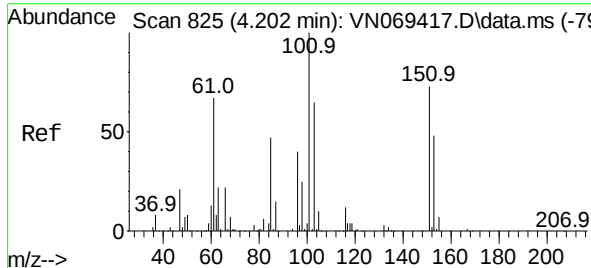
Tgt Ion:101 Resp: 347838
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.1 75.1



Diethyl Ether
 Concen: 19.74 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069510.D
 Acq: 16 Nov 2021 15:59

Tgt Ion: 74 Resp: 124237
 Ion Ratio Lower Upper
 74 100
 45 106.6 47.0 141.2





1,1,2-Trichlorotrifluoroethane

Concen: 19.79 ug/l

RT: 4.205 min Scan# 825

Delta R.T. 0.003 min MSVOA_N

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

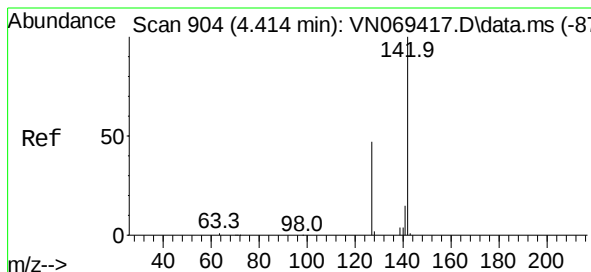
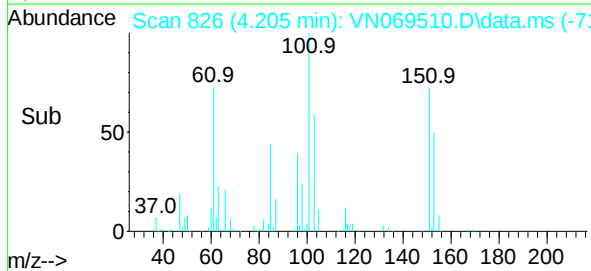
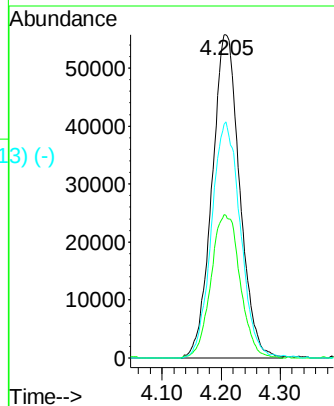
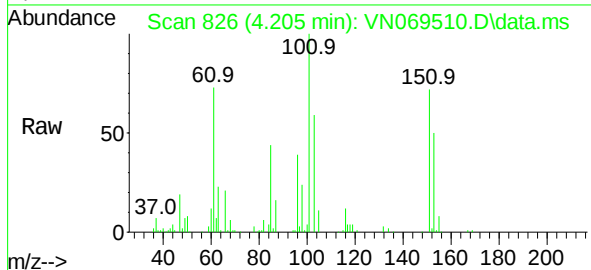
Tgt Ion:101 Resp: 181377

Ion Ratio Lower Upper

101 100

85 46.7 37.2 55.8

151 75.9 65.9 98.9



Methyl Iodide

Concen: 19.34 ug/l

RT: 4.419 min Scan# 906

Delta R.T. 0.005 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

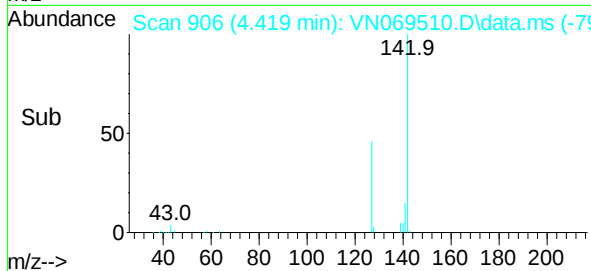
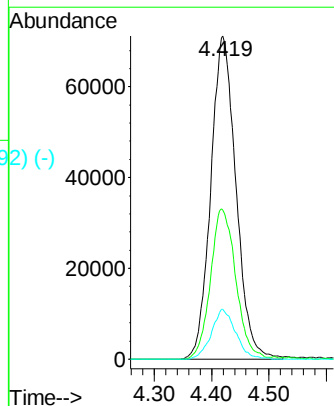
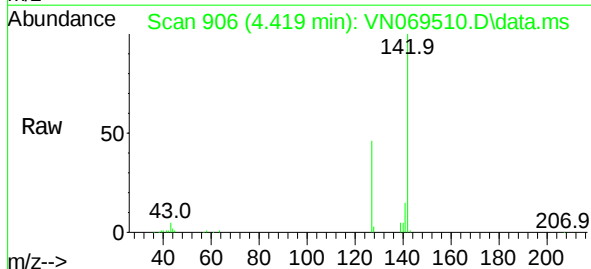
Tgt Ion:142 Resp: 217359

Ion Ratio Lower Upper

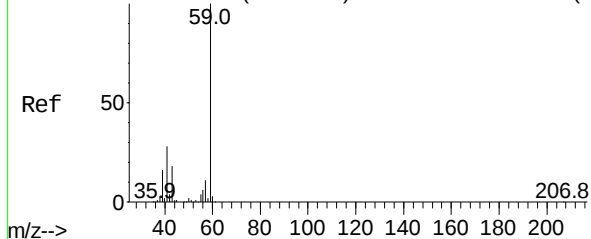
142 100

127 46.7 35.4 53.0

141 14.7 11.6 17.4



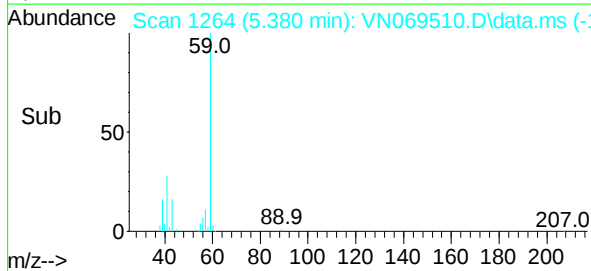
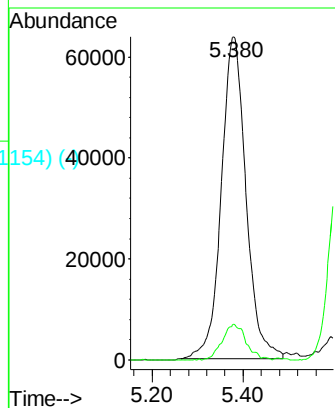
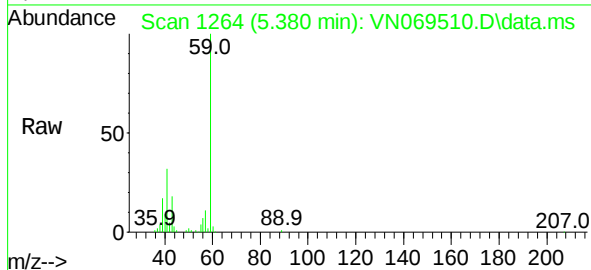
Abundance Scan 1266 (5.385 min): VN069417.D\data.ms (-12321)



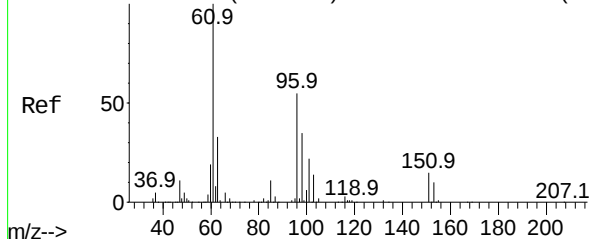
Tert butyl alcohol
Concen: 90.83 ug/l
RT: 5.380 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 240754
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

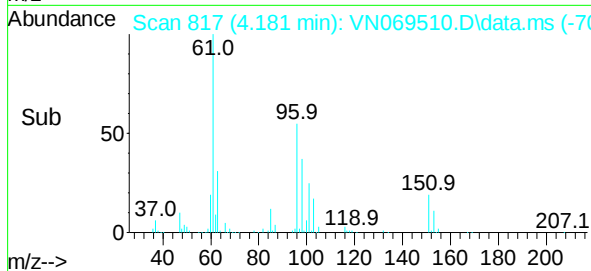
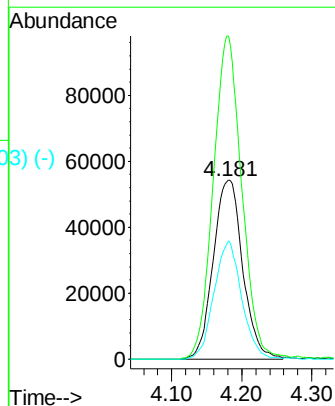
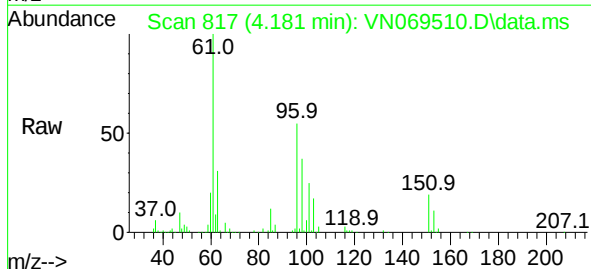


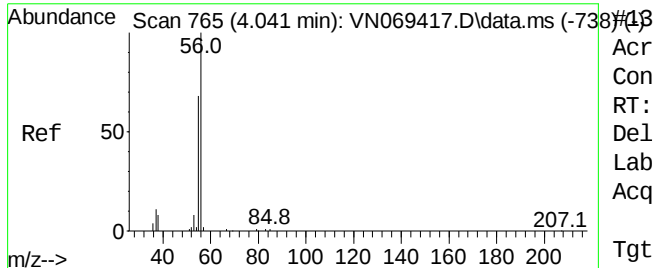
Abundance Scan 815 (4.175 min): VN069417.D\data.ms (-7894)



1,1-Dichloroethene
Concen: 19.29 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 96 Resp: 158631
Ion Ratio Lower Upper
96 100
61 180.2 131.0 196.6
98 66.1 52.4 78.6





Acrolein

Concen: 67.44 ug/l

RT: 4.041 min Scan#

Delta R.T. 0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

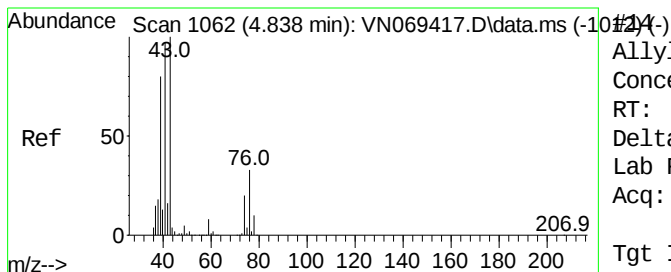
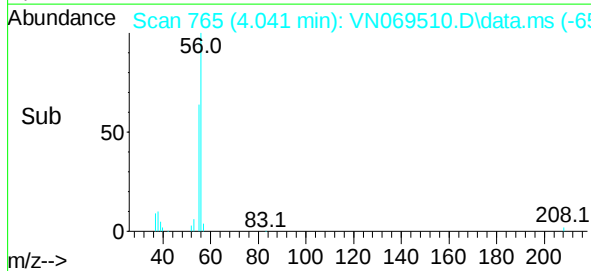
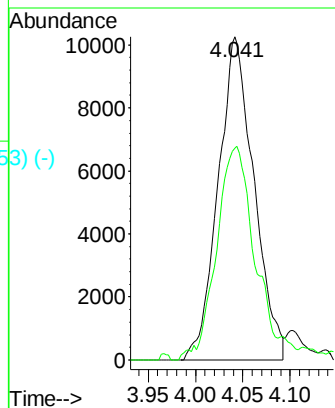
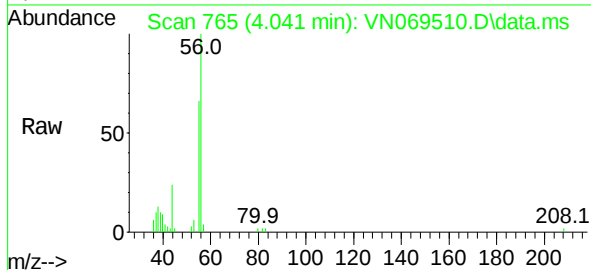
ClientSampleId :

Tgt Ion: 56 Resp: 27128

Ion Ratio Lower Upper

56 100

55 68.9 56.6 85.0



Allyl chloride

Concen: 18.74 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.002 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

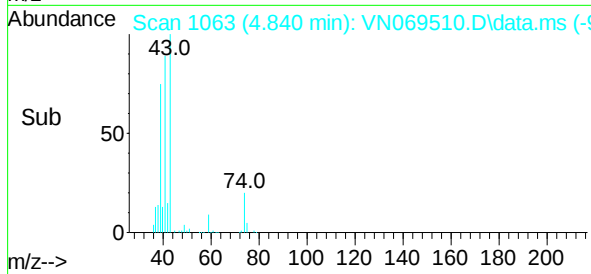
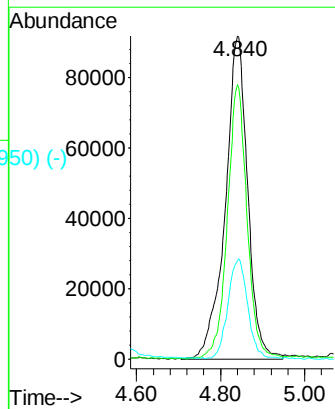
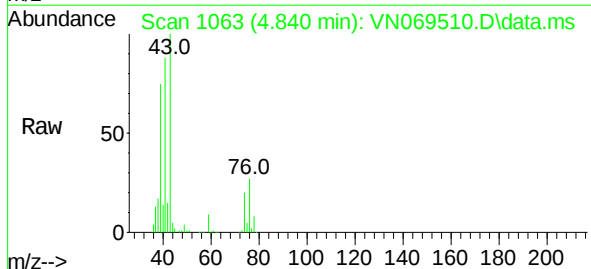
Tgt Ion: 41 Resp: 340594

Ion Ratio Lower Upper

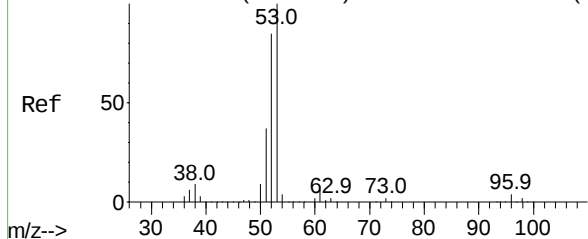
41 100

39 73.9 61.2 91.8

76 26.7 26.0 39.0



Abundance Scan 1329 (5.554 min): VN069417.D\data.ms (-1293)



Acrylonitrile

Concen: 101.87 ug/l

RT: 5.557 min Scan# 1330

Delta R.T. 0.003 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

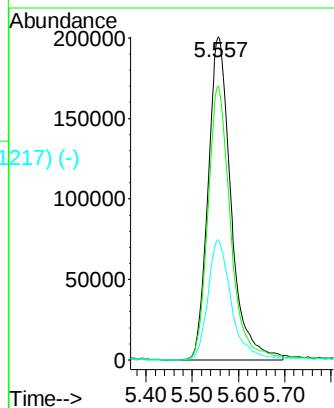
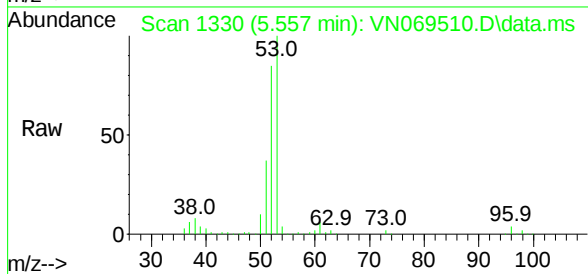
Tgt Ion: 53 Resp: 691467

Ion Ratio Lower Upper

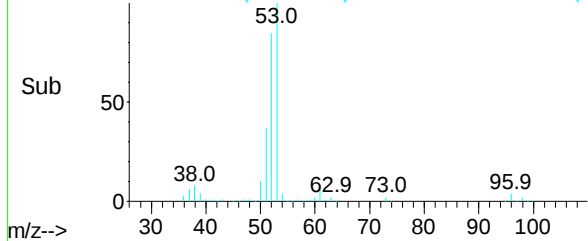
53 100

52 83.6 66.2 99.2

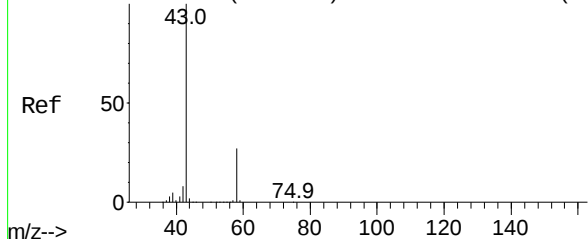
51 37.5 29.6 44.4



Abundance Scan 1330 (5.557 min): VN069510.D\data.ms (-1217) (-)



Abundance Scan 857 (4.288 min): VN069417.D\data.ms (-833) (-)



Acetone

Concen: 87.85 ug/l

RT: 4.288 min Scan# 857

Delta R.T. 0.000 min

Lab File: VN069510.D

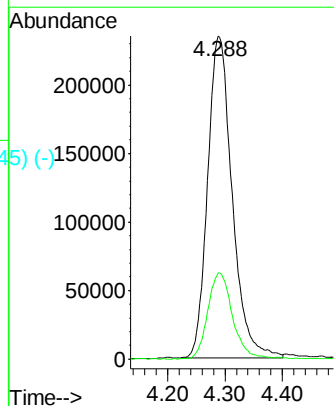
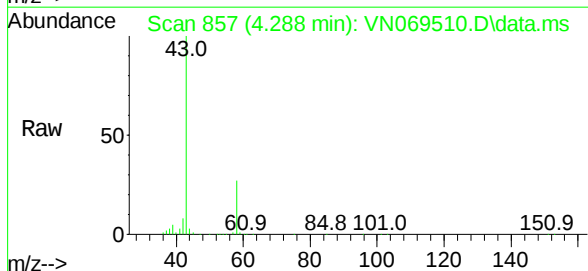
Acq: 16 Nov 2021 15:59

Tgt Ion: 43 Resp: 697217

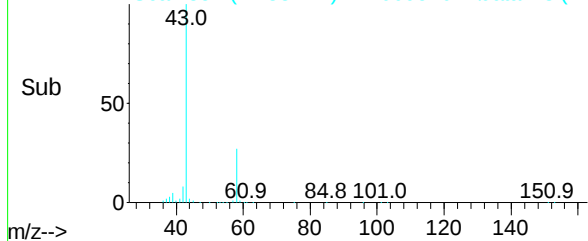
Ion Ratio Lower Upper

43 100

58 26.7 23.1 34.7



Abundance Scan 857 (4.288 min): VN069510.D\data.ms (-745) (-)



Abundance Scan 945 (4.524 min): VN069417.D\data.ms (-916) (-)

Carbon Disulfide

Concen: 15.01 ug/l

RT: 4.529 min Scan# 17

Delta R.T. 0.005 min MSVOA_N

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

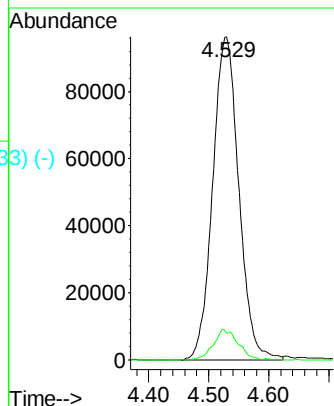
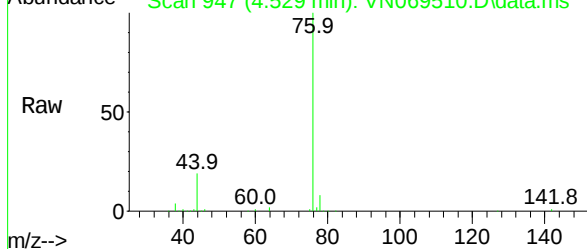
Tgt Ion: 76 Resp: 291779

Ion Ratio Lower Upper

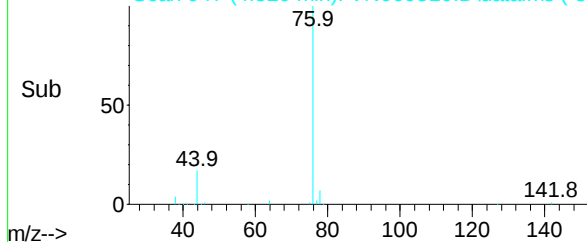
76 100

78 8.3 7.5 11.3

Abundance Scan 947 (4.529 min): VN069510.D\data.ms



Abundance Scan 947 (4.529 min): VN069510.D\data.ms (-833) (-)



Abundance Scan 1069 (4.857 min): VN069417.D\data.ms (-1034) (-)

Methyl Acetate

Concen: 19.59 ug/l

RT: 4.857 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

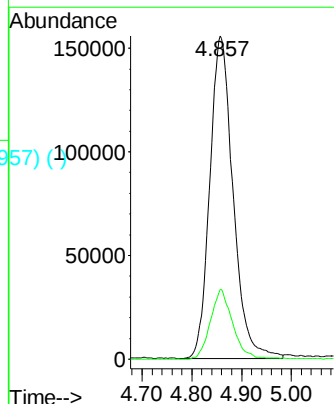
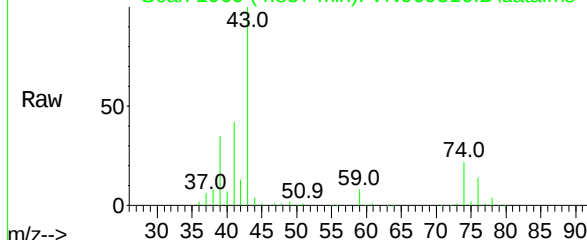
Tgt Ion: 43 Resp: 505322

Ion Ratio Lower Upper

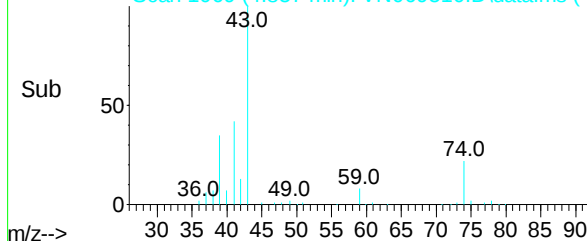
43 100

74 20.4 19.4 29.2

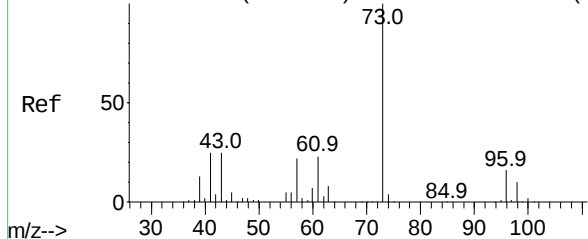
Abundance Scan 1069 (4.857 min): VN069510.D\data.ms



Abundance Scan 1069 (4.857 min): VN069510.D\data.ms (-957) (-)



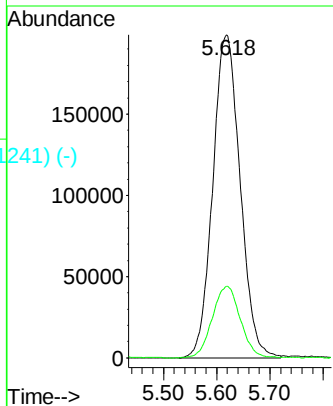
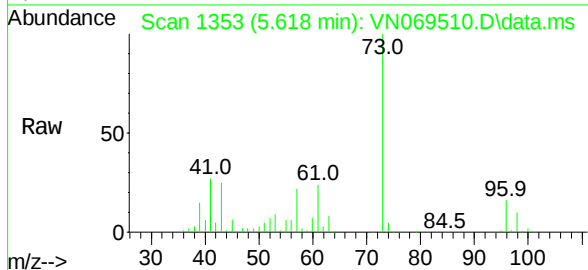
Abundance Scan 1353 (5.618 min): VN069417.D\data.ms (-1319-)



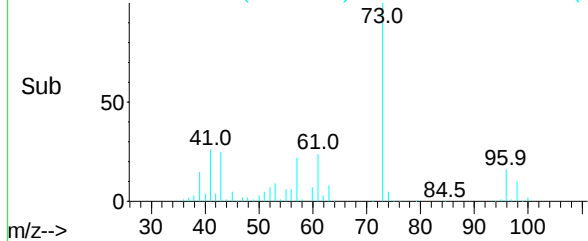
Methyl tert-butyl Ether
Concen: 20.35 ug/l
RT: 5.618 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

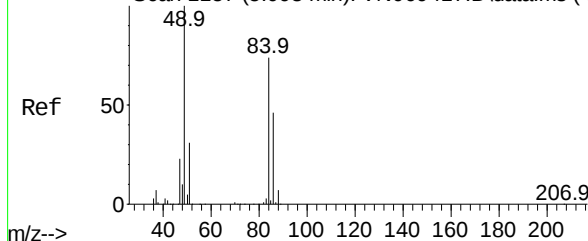
Tgt Ion: 73 Resp: 708063
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2



Abundance Scan 1353 (5.618 min): VN069510.D\data.ms (-1241-)

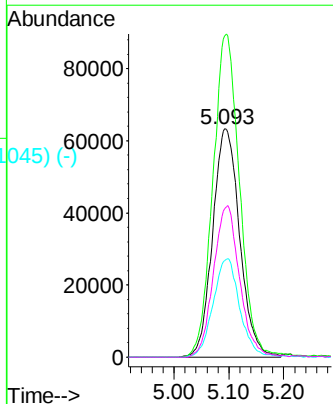
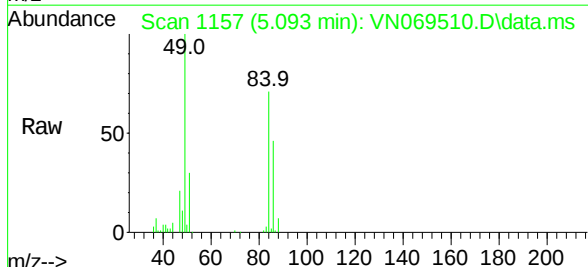


Abundance Scan 1157 (5.093 min): VN069417.D\data.ms (-1120-)

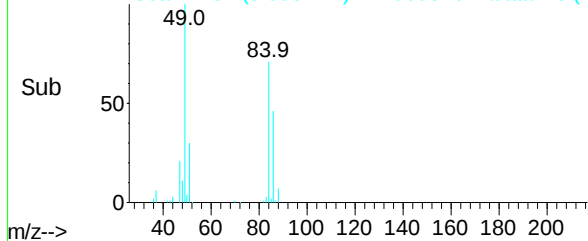


Methylene Chloride
Concen: 19.26 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

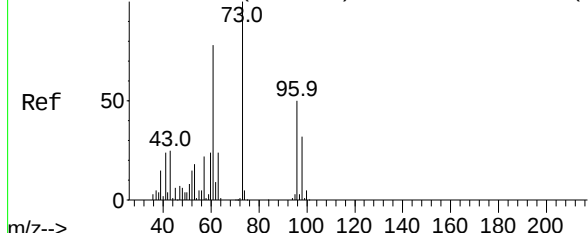
Tgt Ion: 84 Resp: 216704
Ion Ratio Lower Upper
84 100
49 140.6 93.5 140.3#
51 42.4 29.4 44.2
86 64.8 53.0 79.4



Abundance Scan 1157 (5.093 min): VN069510.D\data.ms (-1045-)



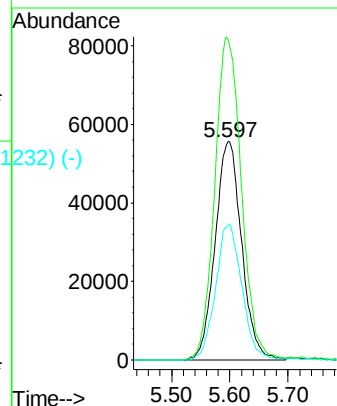
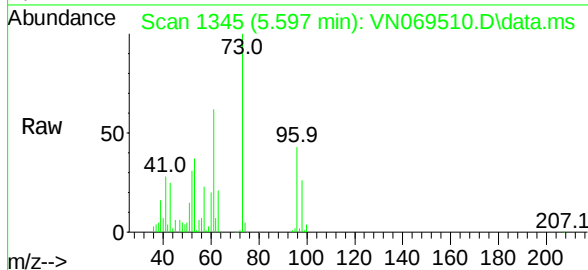
Abundance Scan 1344 (5.594 min): VN069417.D\data.ms (-13121-)



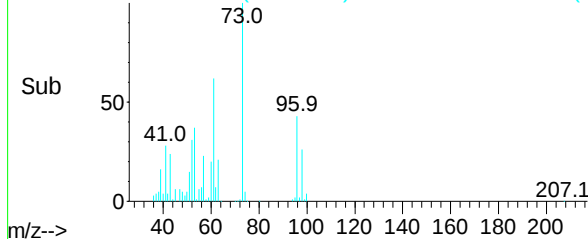
trans-1,2-Dichloroethene
Concen: 19.09 ug/l
RT: 5.597 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

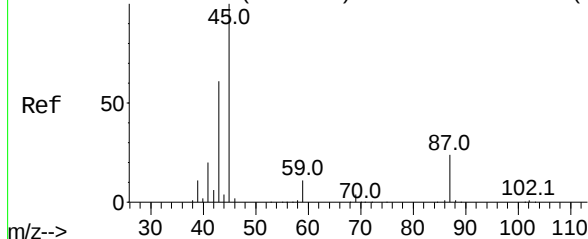
Tgt Ion: 96 Resp: 175286
Ion Ratio Lower Upper
96 100
61 146.4 105.8 158.6
98 61.4 52.0 78.0



Abundance Scan 1345 (5.597 min): VN069510.D\data.ms (-1232) (-)

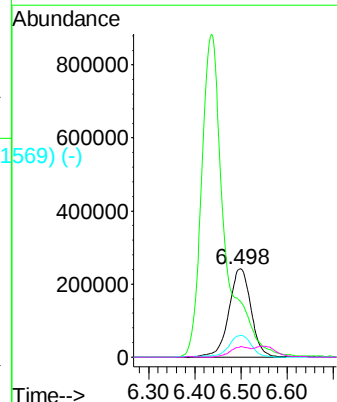
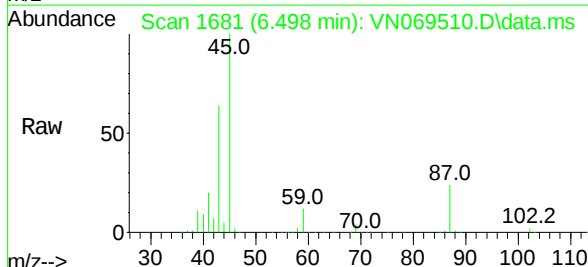


Abundance Scan 1681 (6.498 min): VN069417.D\data.ms (-16321-)

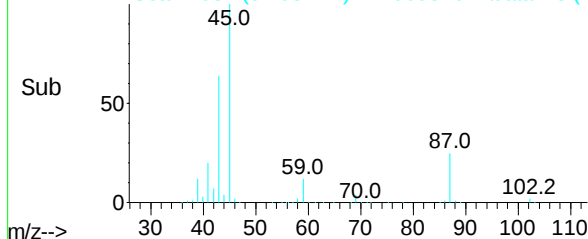


Diisopropyl ether
Concen: 20.62 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

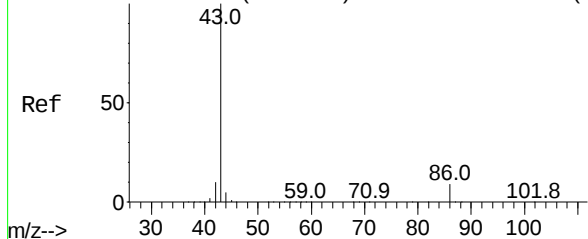
Tgt Ion: 45 Resp: 807350
Ion Ratio Lower Upper
45 100
43 61.3 51.7 77.5
87 24.3 23.2 34.8
59 11.4 9.4 14.0



Abundance Scan 1681 (6.498 min): VN069510.D\data.ms (-1569) (-)



Abundance Scan 1657 (6.434 min): VN069417.D\data.ms (-1623-)



Vinyl Acetate

Concen: 101.30 ug/l

RT: 6.436 min Scan# 1657

Delta R.T. 0.002 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

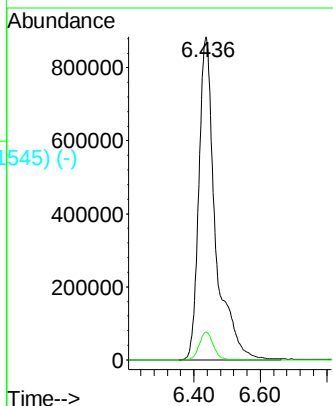
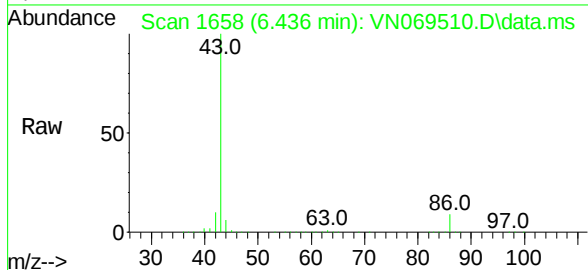
ClientSampleId :

Tgt Ion: 43 Resp: 3068162

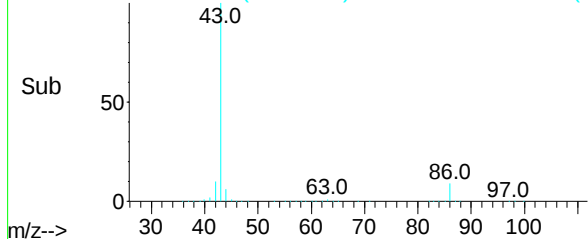
Ion Ratio Lower Upper

43 100

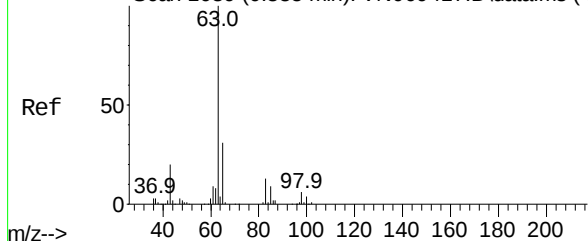
86 8.7 8.5 12.7



Abundance Scan 1658 (6.436 min): VN069510.D\data.ms (-1545-)



Abundance Scan 1639 (6.385 min): VN069417.D\data.ms (-1602-)



1,1-Dichloroethane

Concen: 19.99 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.003 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

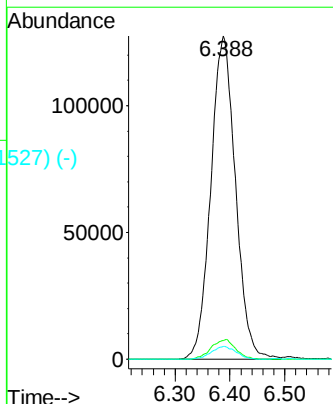
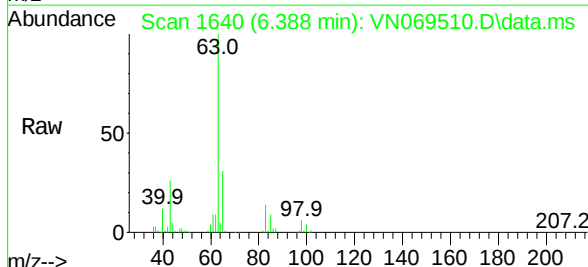
Tgt Ion: 63 Resp: 398817

Ion Ratio Lower Upper

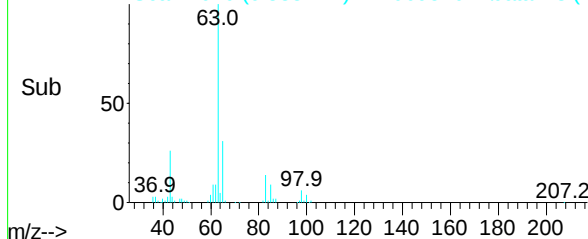
63 100

98 5.7 3.3 9.9

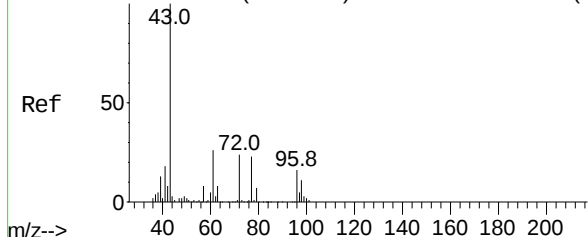
100 3.9 2.1 6.5



Abundance Scan 1640 (6.388 min): VN069510.D\data.ms (-1527-)



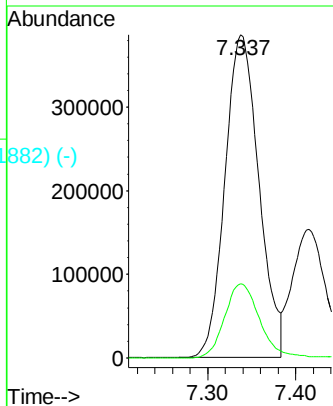
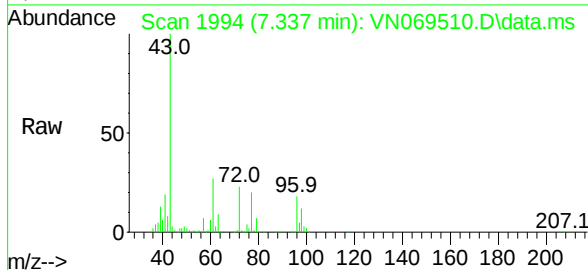
Abundance Scan 1994 (7.337 min): VN069417.D\data.ms (-19625-)



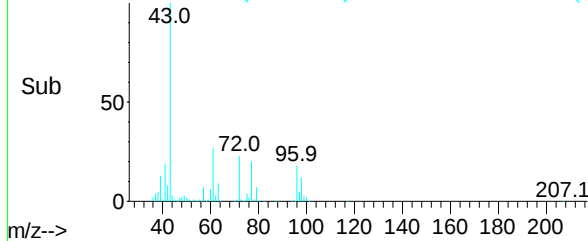
2-Butanone
Concen: 96.13 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

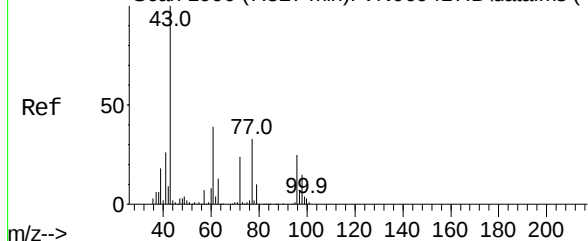
Tgt Ion: 43 Resp: 1033077
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5



Abundance Scan 1994 (7.337 min): VN069510.D\data.ms (-1882-)

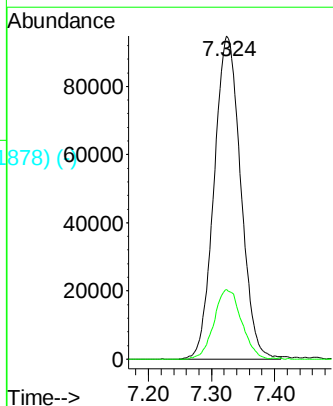
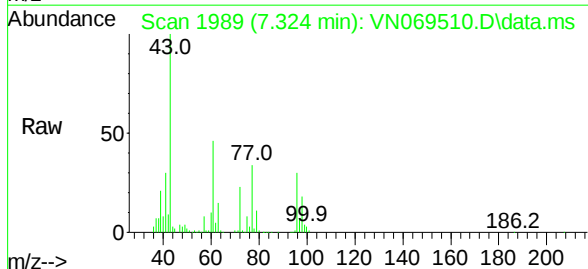


Abundance Scan 1990 (7.327 min): VN069417.D\data.ms (-19526-)

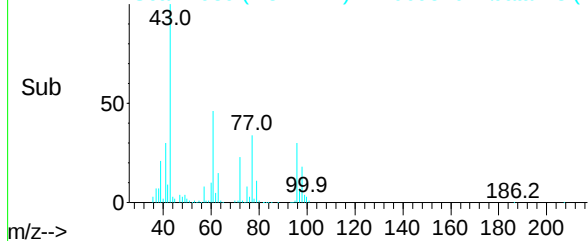


2,2-Dichloropropane
Concen: 17.77 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 77 Resp: 277357
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8



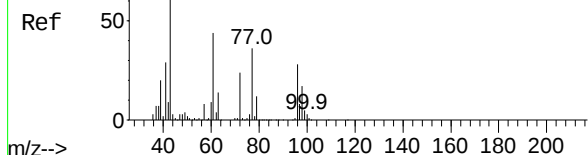
Abundance Scan 1989 (7.324 min): VN069510.D\data.ms (-1878-)



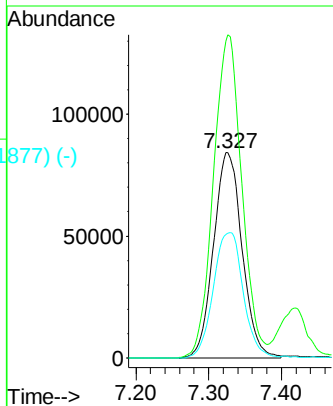
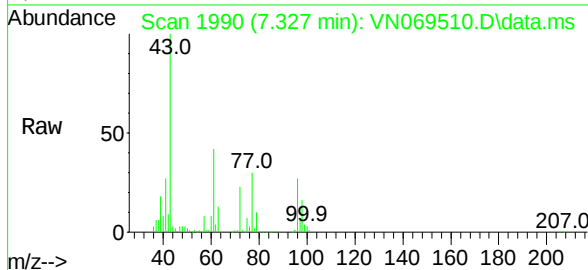
Abundance Scan 1989 (7.324 min): VN069417.D\data.ms (-19627-)

cis-1,2-Dichloroethene
Concen: 20.08 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

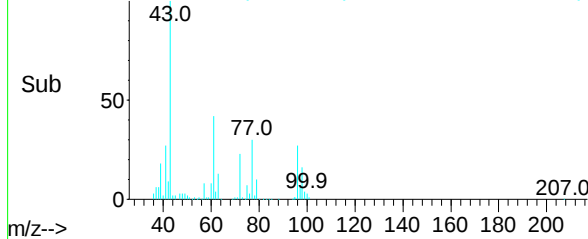
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	96	Resp:	228641
Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	275.0
98	63.9	0.0	129.6



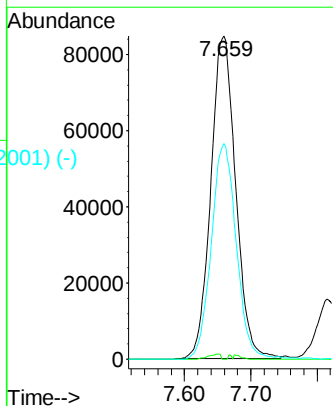
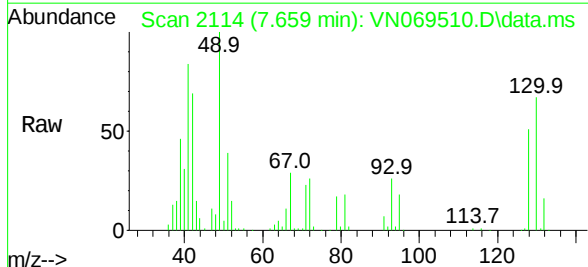
Abundance Scan 1990 (7.327 min): VN069510.D\data.ms (-1877-)



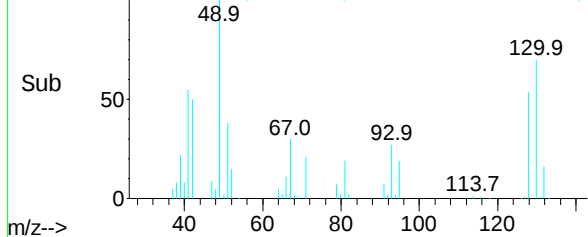
Abundance Scan 2113 (7.657 min): VN069417.D\data.ms (-20628-)

Bromochloromethane
Concen: 21.55 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

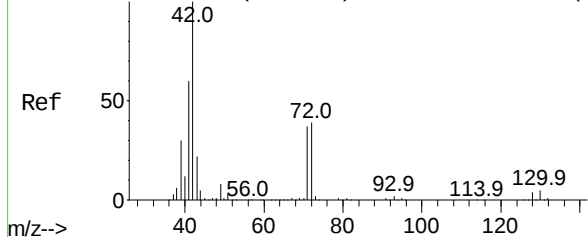
Tgt Ion:	49	Resp:	220161
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.0
130	67.0	67.8	101.8#



Abundance Scan 2114 (7.659 min): VN069510.D\data.ms (-2001-)



Abundance Scan 2124 (7.686 min): VN069417.D\data.ms (-20629)



Tetrahydrofuran

Concen: 101.35 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

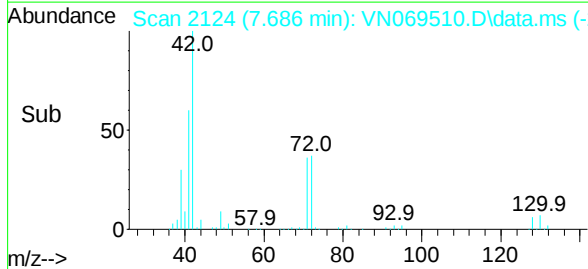
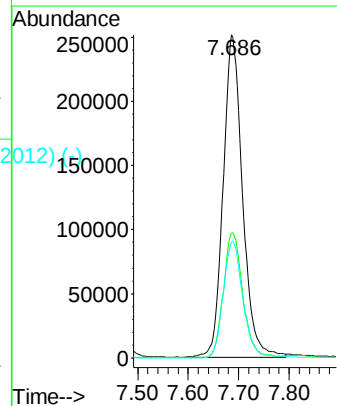
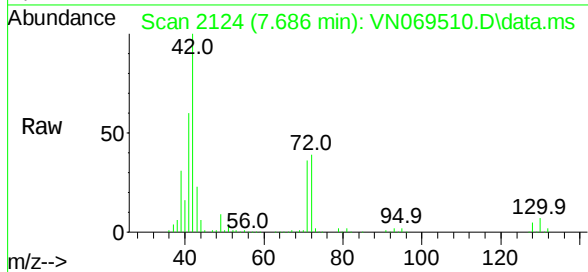
Tgt Ion: 42 Resp: 668398

Ion Ratio Lower Upper

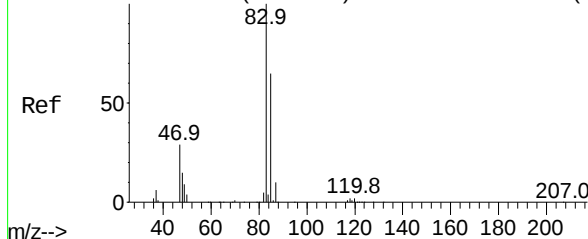
42 100

72 38.3 36.3 54.5

71 36.5 34.7 52.1



Abundance Scan 2174 (7.820 min): VN069417.D\data.ms (-21430)



Chloroform

Concen: 20.48 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069510.D

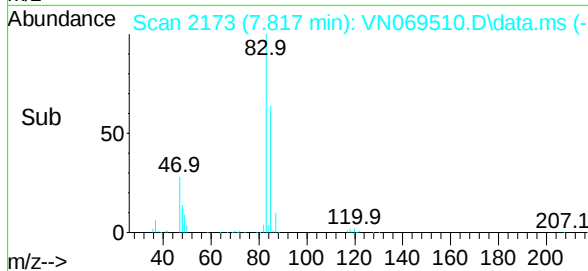
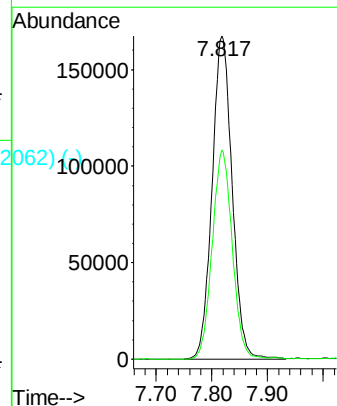
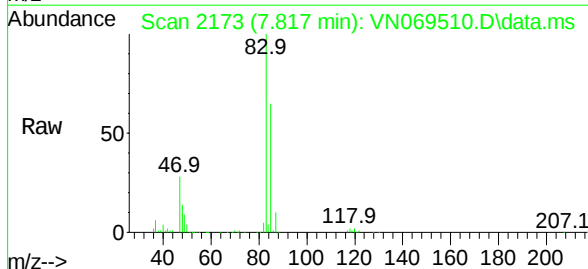
Acq: 16 Nov 2021 15:59

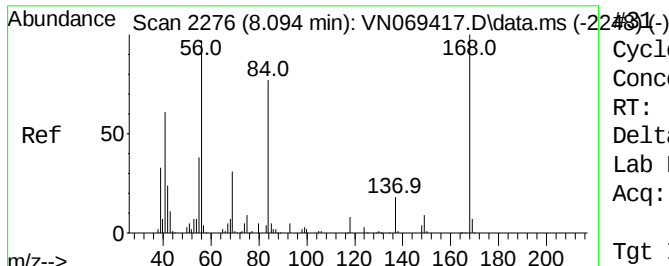
Tgt Ion: 83 Resp: 418696

Ion Ratio Lower Upper

83 100

85 64.7 51.9 77.9





Cyclohexane

Concen: 18.28 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

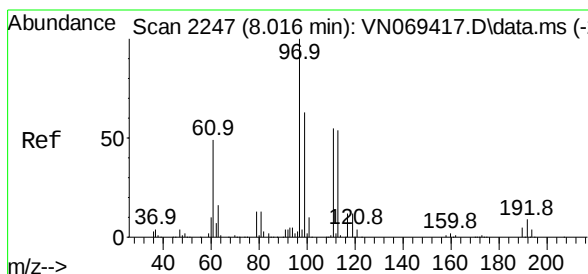
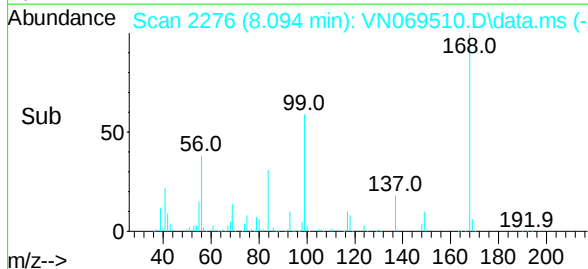
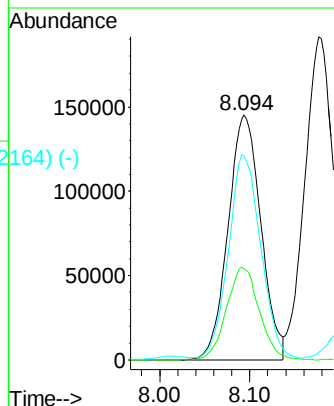
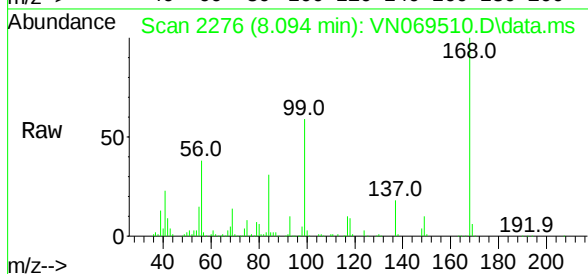
Tgt Ion: 56 Resp: 367360

Ion Ratio Lower Upper

56 100

69 37.2 27.1 40.7

84 82.0 73.4 110.0



1,1,1-Trichloroethane

Concen: 19.33 ug/l

RT: 8.013 min Scan# 2246

Delta R.T. -0.003 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

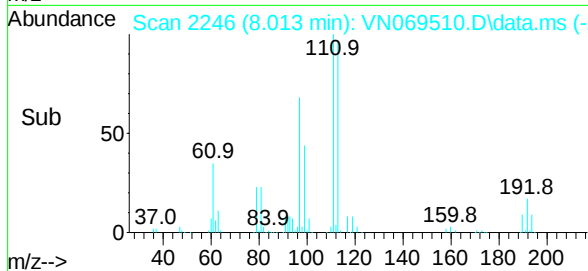
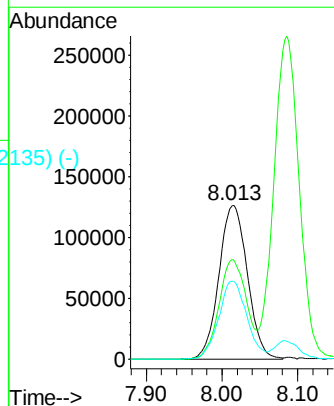
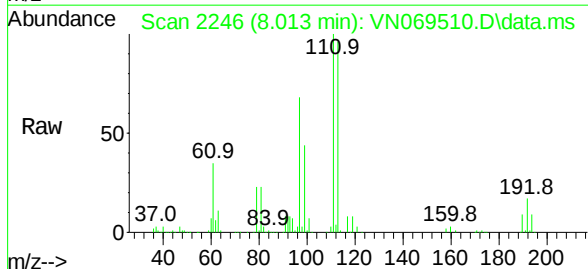
Tgt Ion: 97 Resp: 329958

Ion Ratio Lower Upper

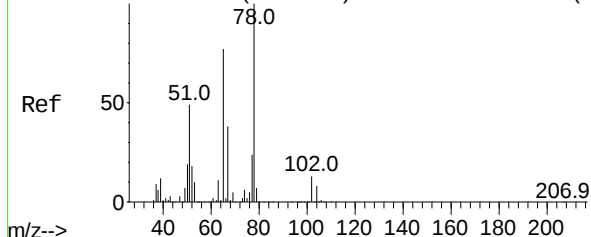
97 100

99 62.4 50.1 75.1

61 50.3 35.2 52.8



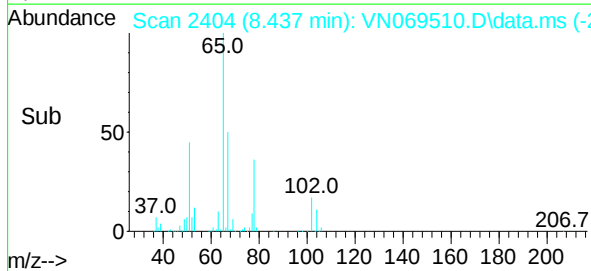
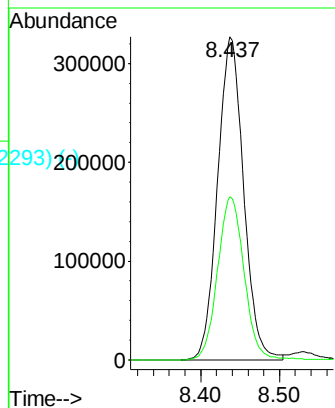
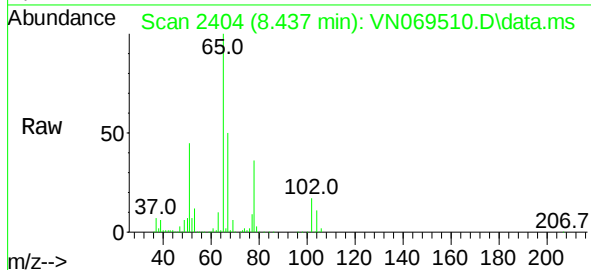
Abundance Scan 2405 (8.440 min): VN069417.D\data.ms (-2363)



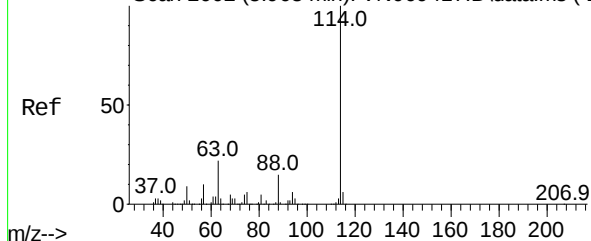
1,2-Dichloroethane-d4
Concen: 50.91 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 748895
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

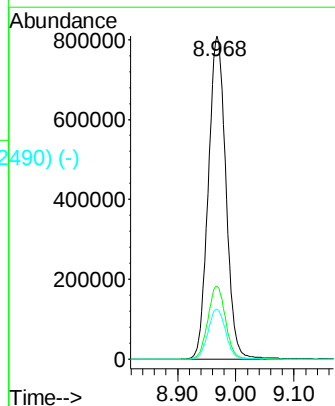
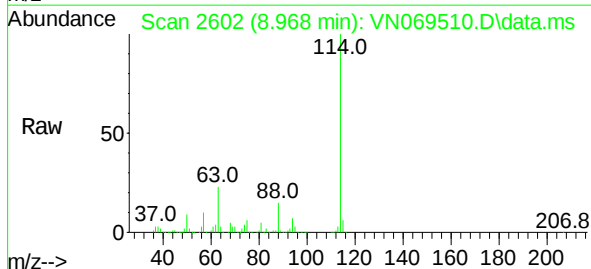


Abundance Scan 2602 (8.968 min): VN069417.D\data.ms (-2579)

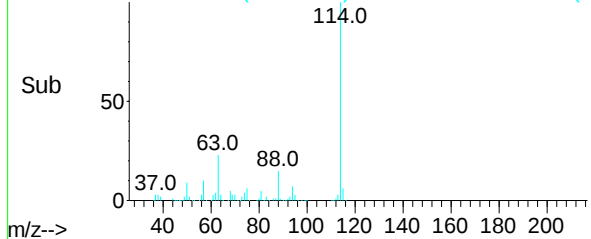


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

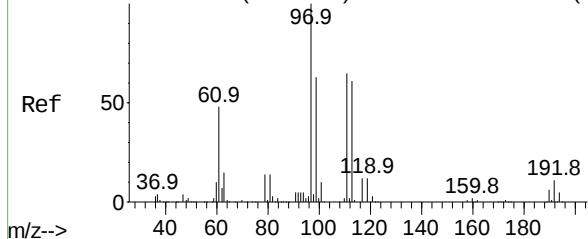
Tgt Ion:114 Resp: 1692942
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.4 0.0 27.4



Abundance Scan 2602 (8.968 min): VN069510.D\data.ms (-2490)



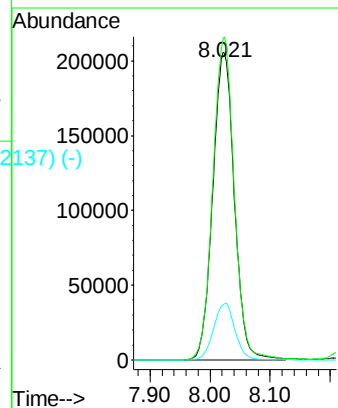
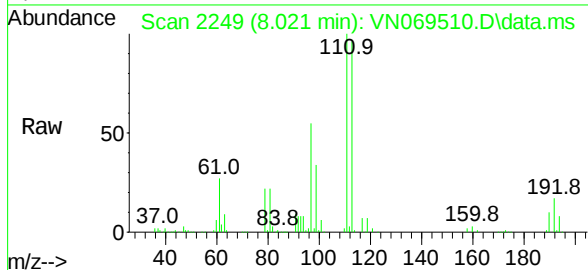
Abundance Scan 2249 (8.021 min): VN069417.D\data.ms (-2229) (-)



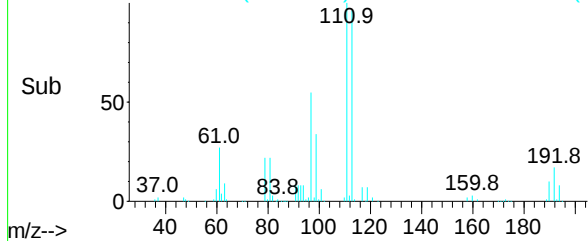
Dibromofluoromethane
Concen: 50.74 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

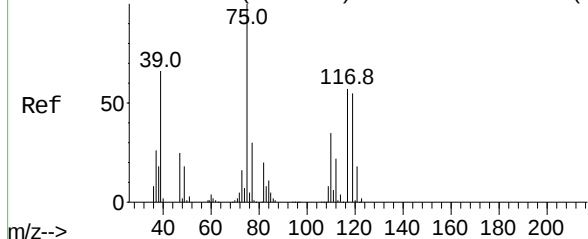
Tgt Ion:113 Resp: 515204
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.2 16.9 25.3



Abundance Scan 2249 (8.021 min): VN069510.D\data.ms (-2137) (-)

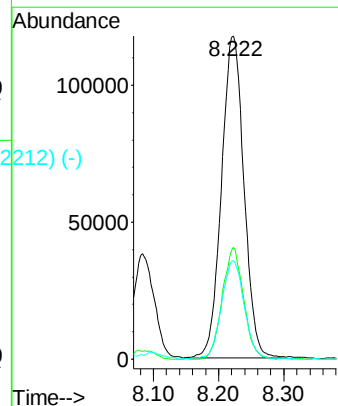
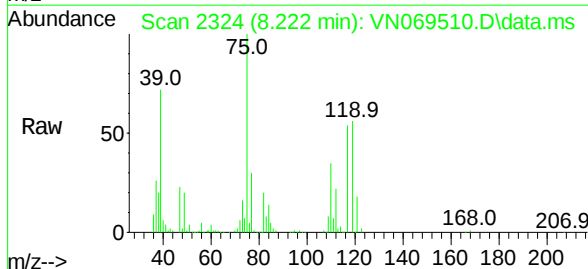


Abundance Scan 2324 (8.223 min): VN069417.D\data.ms (-2293) (-)

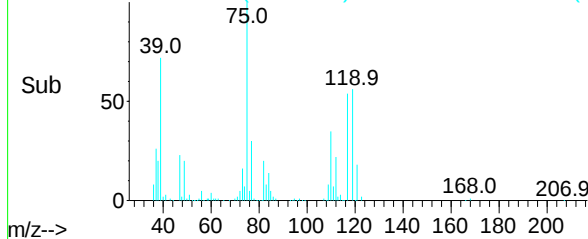


1,1-Dichloropropene
Concen: 19.77 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

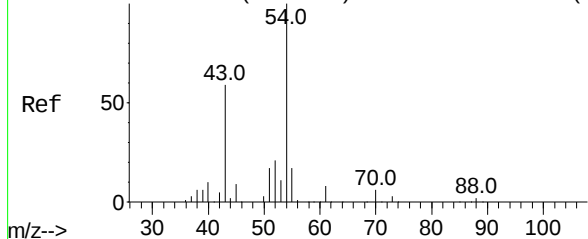
Tgt Ion: 75 Resp: 281575
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 31.1 24.4 36.6



Abundance Scan 2324 (8.222 min): VN069510.D\data.ms (-2212) (-)



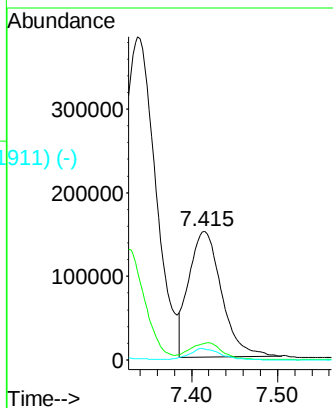
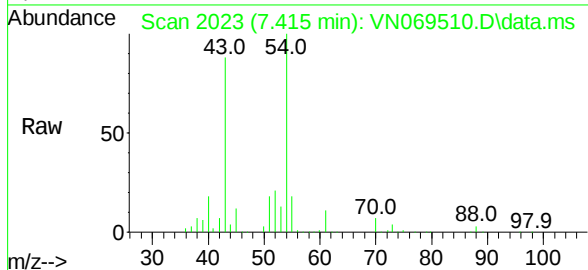
Abundance Scan 2023 (7.415 min): VN069417.D\data.ms (-20127-)



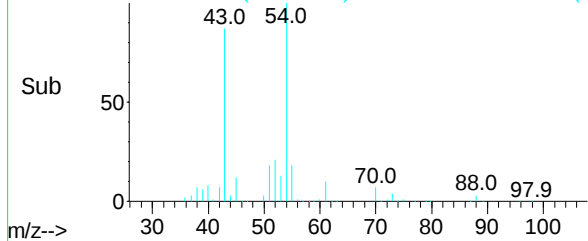
Ethyl Acetate
Concen: 20.59 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

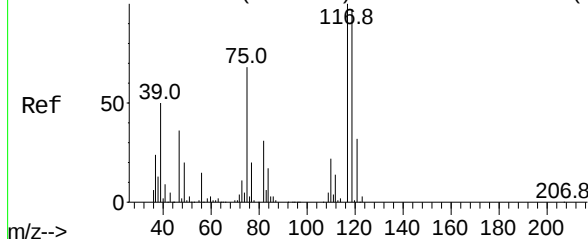
Tgt Ion: 43 Resp: 396460
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 8.4 7.9 11.9



Abundance Scan 2023 (7.415 min): VN069510.D\data.ms (-1911) (-)

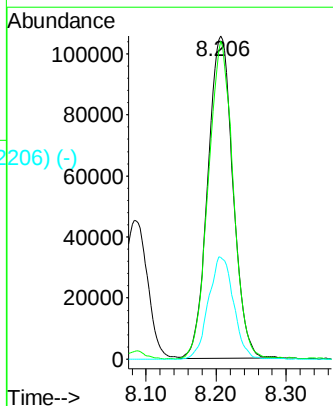
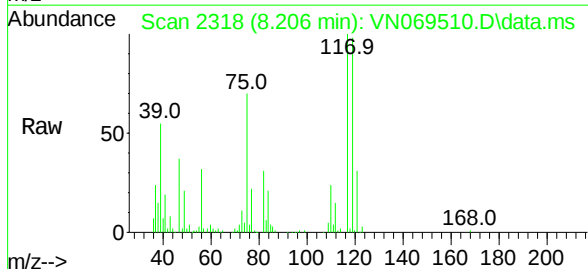


Abundance Scan 2318 (8.206 min): VN069417.D\data.ms (-22948-)

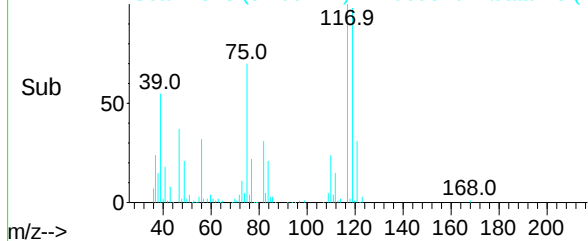


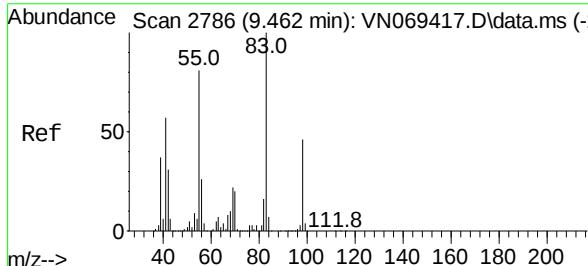
Carbon Tetrachloride
Concen: 19.09 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:117 Resp: 262504
Ion Ratio Lower Upper
117 100
119 98.7 76.1 114.1
121 31.6 24.2 36.2



Abundance Scan 2318 (8.206 min): VN069510.D\data.ms (-2206) (-)

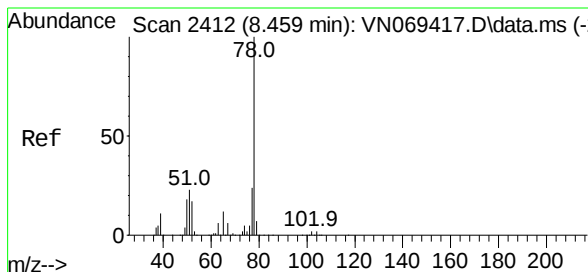
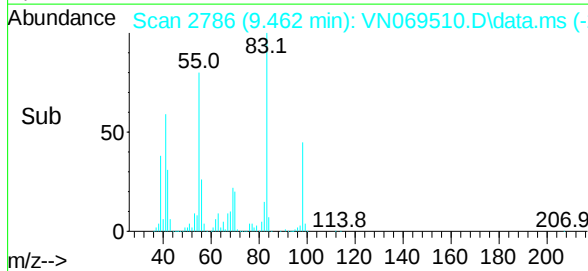
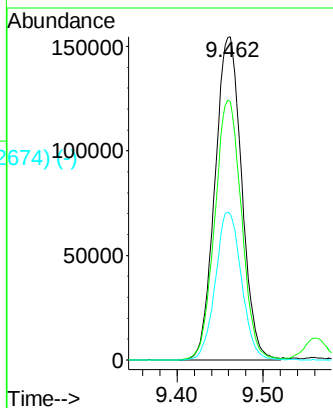
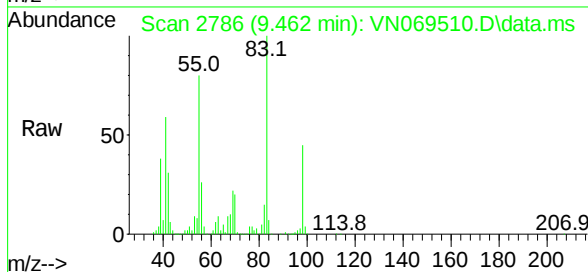




Methylcyclohexane
Concen: 18.84 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

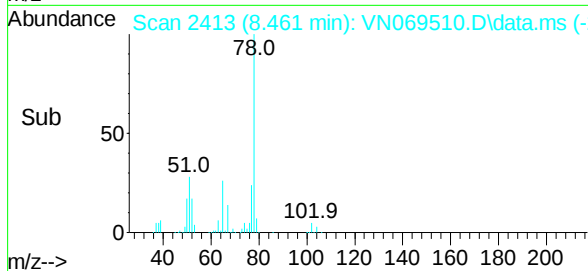
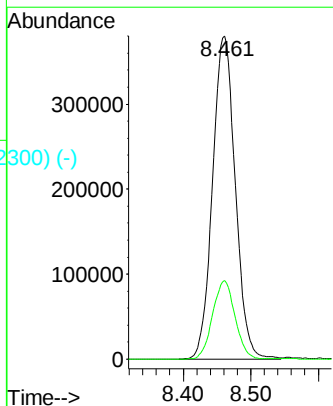
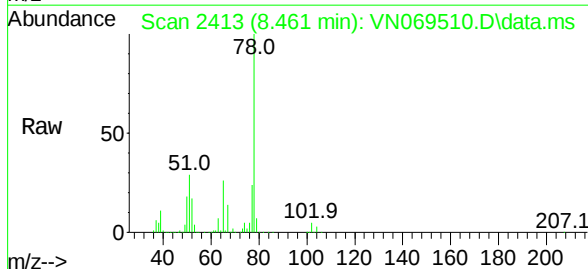
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	83	Resp:	333813
Ion	Ratio	Lower	Upper
83	100		
55	80.0	58.1	87.1
98	45.1	38.4	57.6



Benzene
Concen: 20.18 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:	78	Resp:	887116
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	27.8



Abundance Scan 2106 (7.638 min): VN069417.D\data.ms (-20781-)

Methacrylonitrile

Concen: 19.07 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. -0.000 min

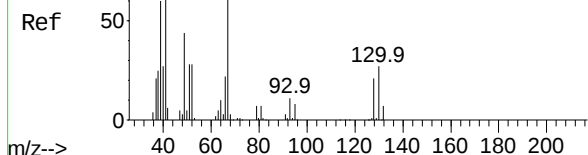
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41 Resp: 189753

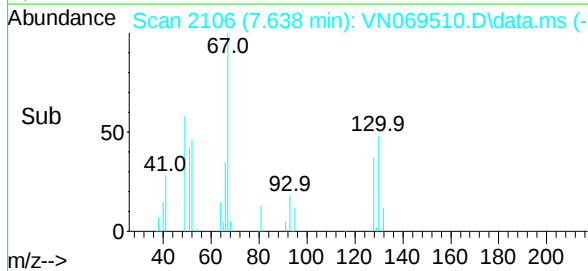
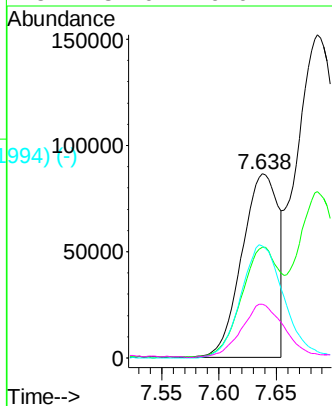
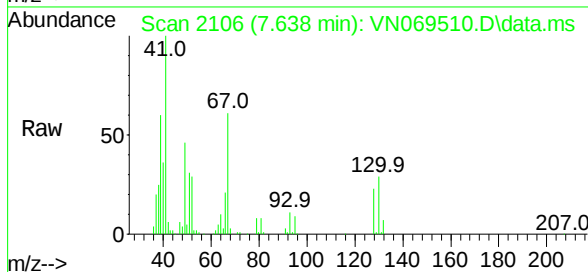
Ion Ratio Lower Upper

41 100

39 62.6 48.1 72.1

67 74.1 68.3 102.5

52 34.6 29.6 44.4



Abundance Scan 2439 (8.531 min): VN069417.D\data.ms (-24212-)

1,2-Dichloroethane

Concen: 21.08 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VN069510.D

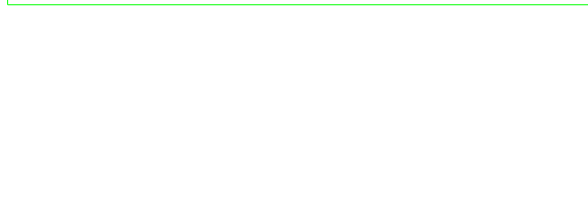
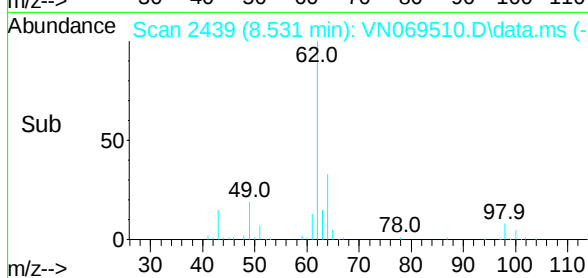
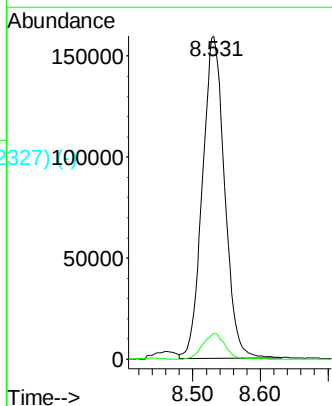
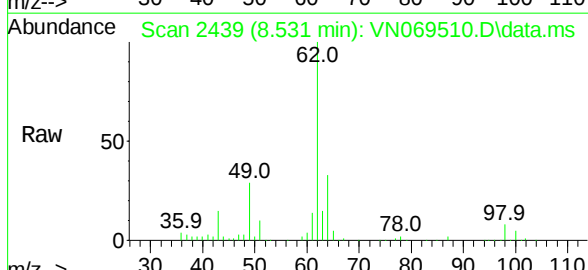
Acq: 16 Nov 2021 15:59

Tgt Ion: 62 Resp: 362864

Ion Ratio Lower Upper

62 100

98 7.9 0.0 17.6



Abundance Scan 2451 (8.563 min): VN069417.D\data.ms (-2429) (-)

Isopropyl Acetate

Concen: 20.37 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.000 min

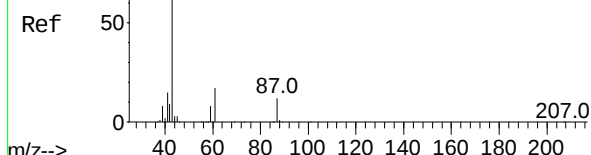
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :



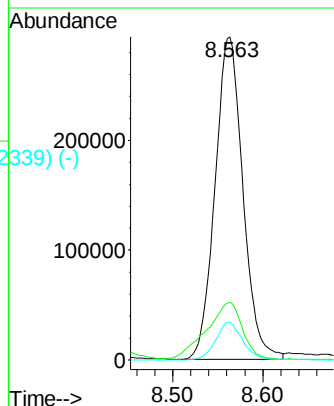
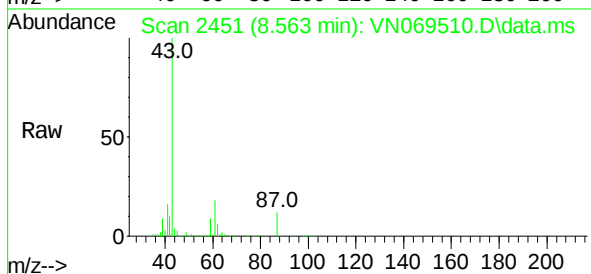
Tgt Ion: 43 Resp: 630188

Ion Ratio Lower Upper

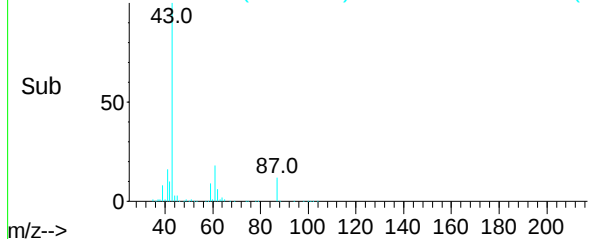
43 100

61 22.9 20.4 30.6

87 11.3 11.2 16.8



Abundance Scan 2451 (8.563 min): VN069510.D\data.ms (-2339) (-)



Abundance Scan 2695 (9.218 min): VN069417.D\data.ms (-2674) (-)

Trichloroethene

Concen: 20.02 ug/l

RT: 9.215 min Scan# 2694

Delta R.T. -0.003 min

Lab File: VN069510.D

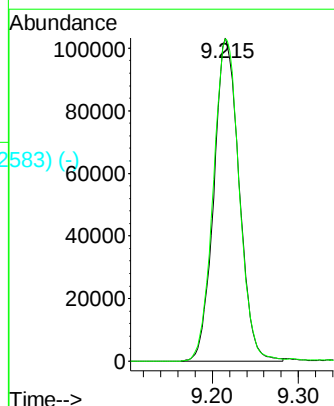
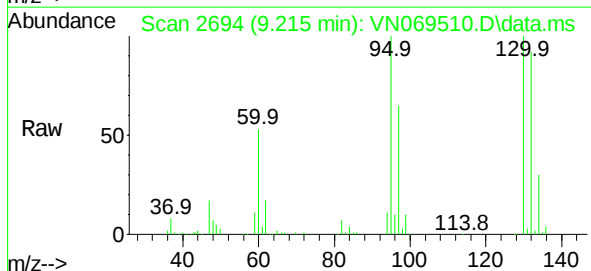
Acq: 16 Nov 2021 15:59

Tgt Ion:130 Resp: 210688

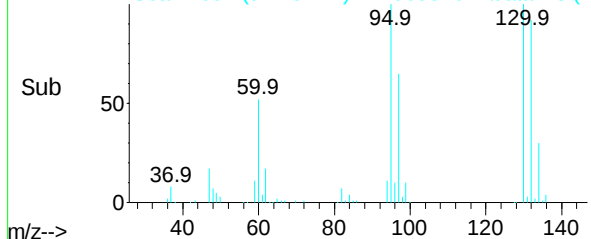
Ion Ratio Lower Upper

130 100

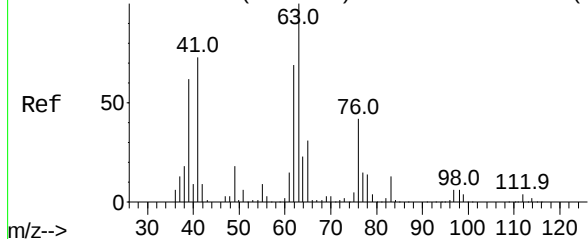
95 99.7 0.0 191.2



Abundance Scan 2694 (9.215 min): VN069510.D\data.ms (-2583) (-)



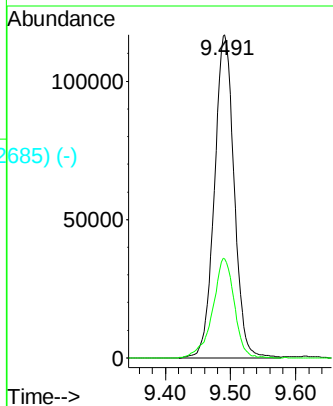
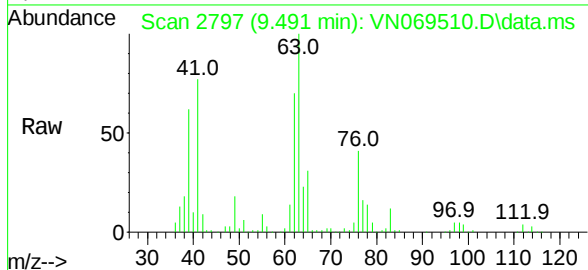
Abundance Scan 2797 (9.491 min): VN069417.D\data.ms (-2765) (-)



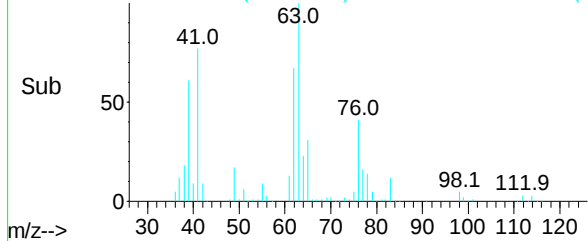
1,2-Dichloropropane
Concen: 20.86 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

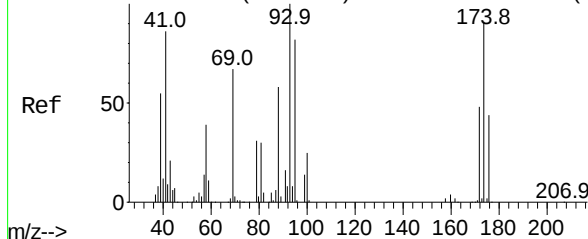
Tgt Ion: 63 Resp: 245108
Ion Ratio Lower Upper
63 100
65 30.7 24.7 37.1



Abundance Scan 2797 (9.491 min): VN069510.D\data.ms (-2685) (-)

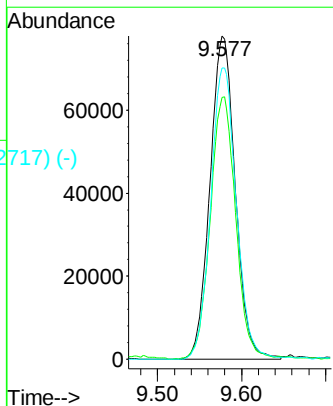
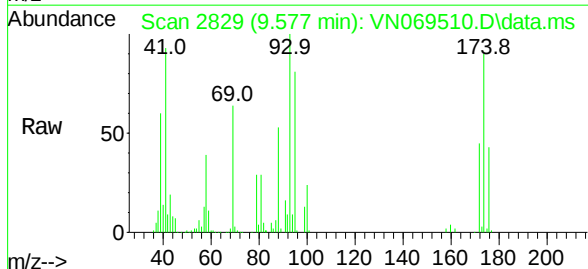


Abundance Scan 2829 (9.577 min): VN069417.D\data.ms (-2809) (-)

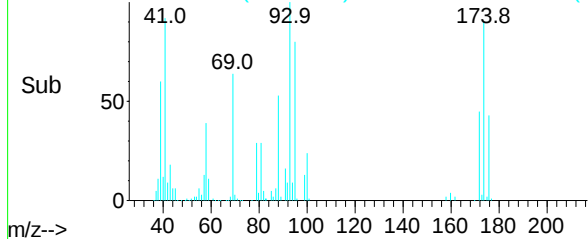


Dibromomethane
Concen: 20.74 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 93 Resp: 163198
Ion Ratio Lower Upper
93 100
95 81.6 65.9 98.9
174 91.3 84.6 127.0



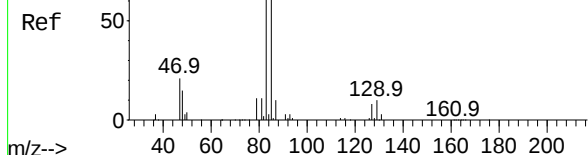
Abundance Scan 2829 (9.577 min): VN069510.D\data.ms (-2717) (-)



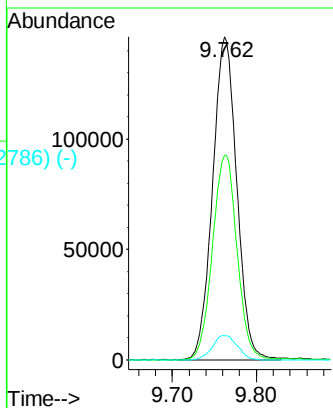
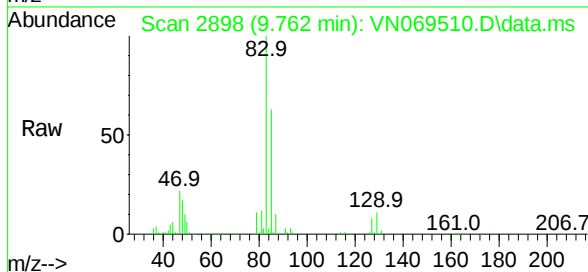
Abundance Scan 2898 (9.762 min): VN069417.D\data.ms (-2878) (-)

Bromodichloromethane
Concen: 19.97 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

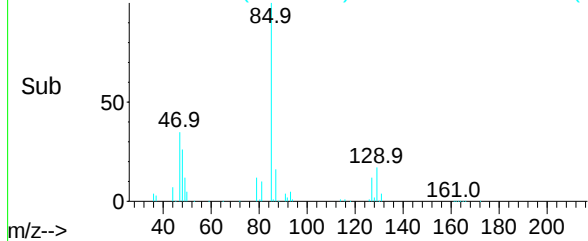
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	83	Resp:	293234
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	7.6	7.1	10.7



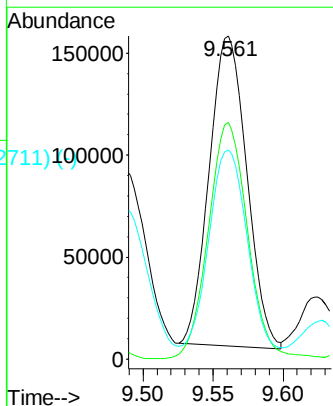
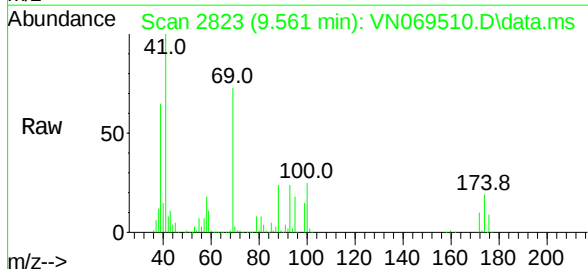
Abundance Scan 2898 (9.762 min): VN069510.D\data.ms (-2786) (-)



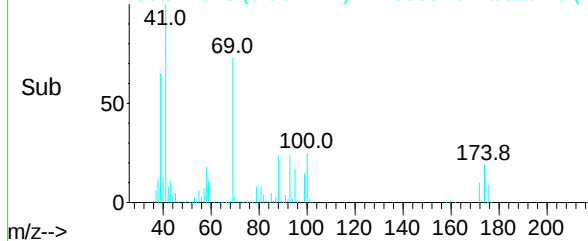
Abundance Scan 2823 (9.561 min): VN069417.D\data.ms (-2810) (-)

Methyl methacrylate
Concen: 19.51 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:	41	Resp:	283906
Ion	Ratio	Lower	Upper
41	100		
69	79.2	72.4	108.6
39	70.6	58.4	87.6



Abundance Scan 2823 (9.561 min): VN069510.D\data.ms (-2711) (-)



Abundance Scan 2827 (9.572 min): VN069417.D\data.ms (-28079) (-)

1,4-Dioxane

Concen: 386.44 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

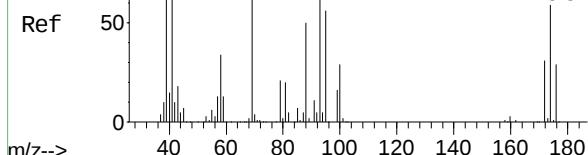
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :



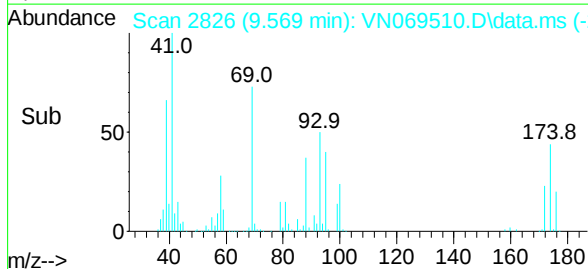
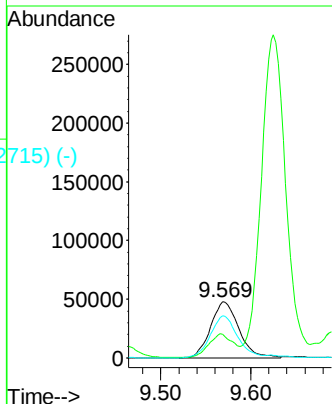
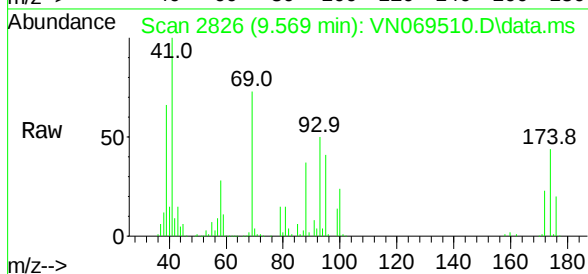
Tgt Ion: 88 Resp: 104250

Ion Ratio Lower Upper

88 100

43 35.5 23.4 35.2#

58 72.1 50.6 75.8



Abundance Scan 3151 (10.441 min): VN069417.D\data.ms (-3150) (-)

Toluene-d8

Concen: 49.83 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069510.D

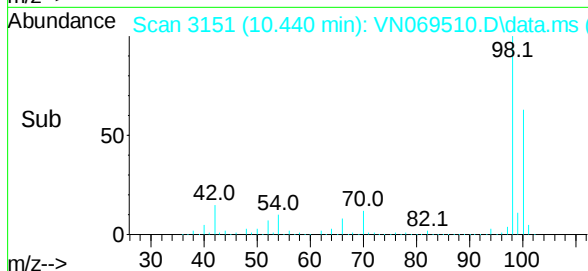
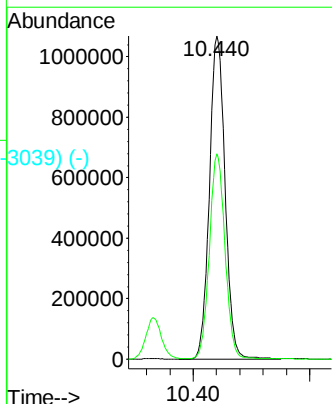
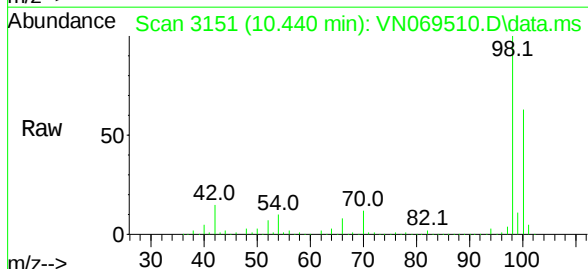
Acq: 16 Nov 2021 15:59

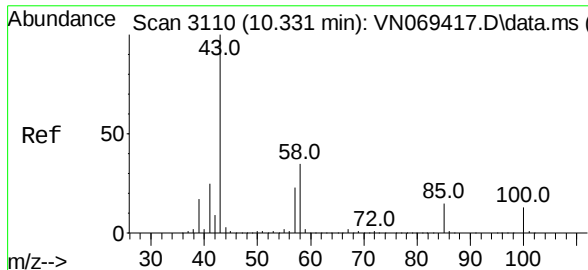
Tgt Ion: 98 Resp: 1989950

Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6

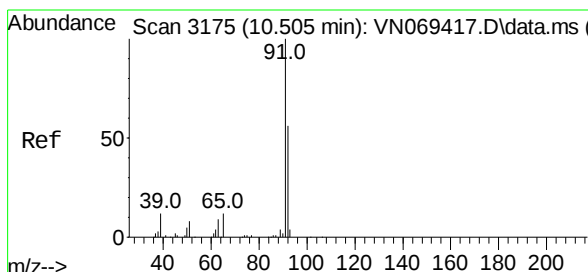
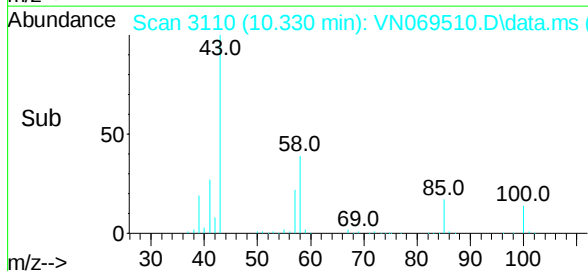
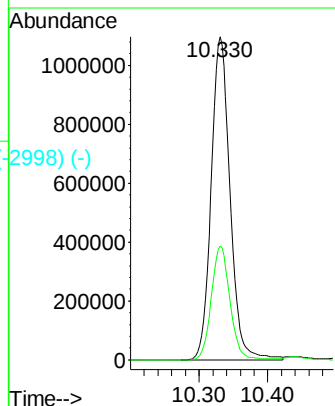
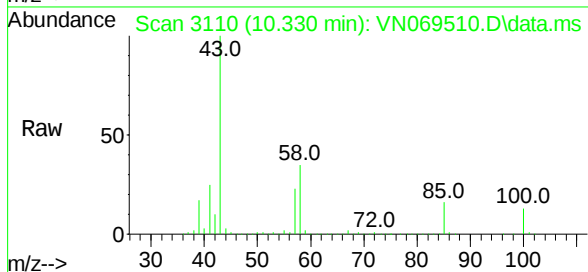




4-Methyl-2-Pentanone
Concen: 104.58 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

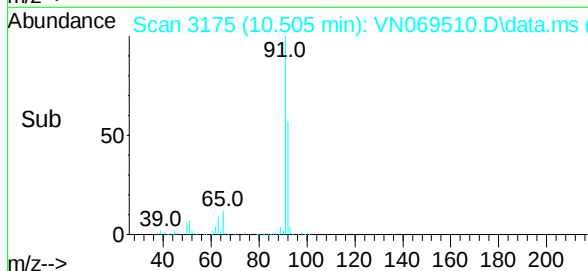
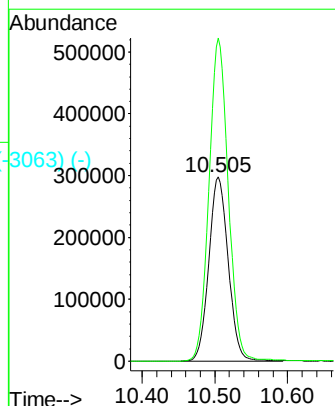
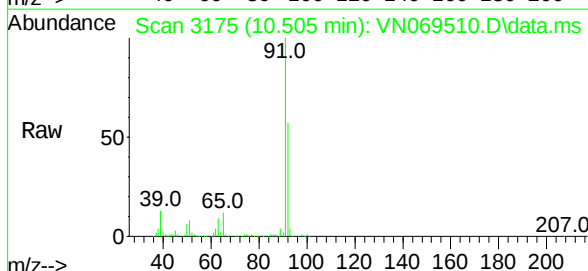
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2087872
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6



Toluene
Concen: 20.16 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 92 Resp: 552180
Ion Ratio Lower Upper
92 100
91 174.1 142.0 213.0



Abundance Scan 3255 (10.719 min): VN069417.D\data.ms (-3255) (-)

t-1,3-Dichloropropene

Concen: 17.71 ug/l

RT: 10.719 min Scan# 3255

Delta R.T. 0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75 Resp: 287284

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

Abundance Scan 3255 (10.719 min): VN069510.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 3255 (10.719 min): VN069510.D\data.ms (-3143) (-)

Ref

Raw

Sub

m/z-->

Abundance

150000

100000

50000

0

Time-->

10.70 10.80

Abundance Scan 3057 (10.188 min): VN069417.D\data.ms (-3057) (-)

cis-1,3-Dichloropropene

Concen: 18.50 ug/l

RT: 10.188 min Scan# 3057

Delta R.T. 0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Tgt Ion: 75 Resp: 330403

Ion Ratio Lower Upper

75 100

77 30.7 26.4 39.6

39 64.4 42.5 63.7#

Abundance Scan 3057 (10.188 min): VN069510.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 3057 (10.188 min): VN069510.D\data.ms (-2945) (-)

Ref

Raw

Sub

m/z-->

Abundance

150000

100000

50000

0

Time-->

10.10 10.20

Abundance Scan 3322 (10.899 min): VN069417.D\data.ms (-3352) (-)

1,1,2-Trichloroethane

Concen: 21.10 ug/l

RT: 10.896 min Scan#

Delta R.T. -0.003 min

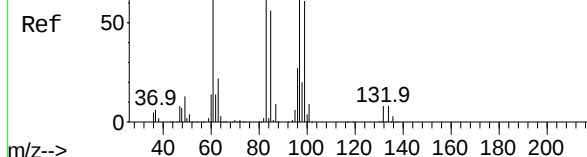
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 233021

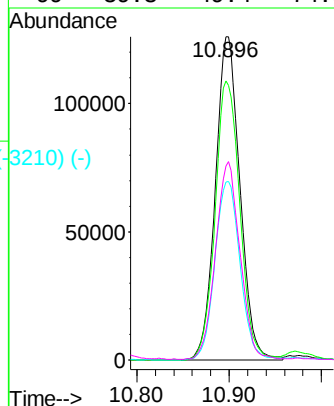
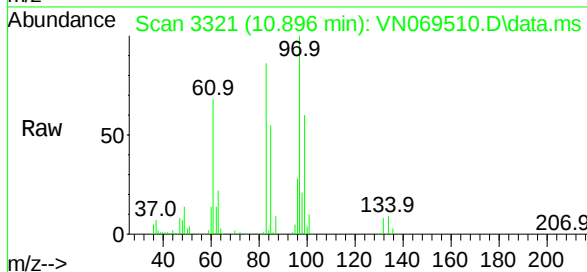
Ion Ratio Lower Upper

97 100

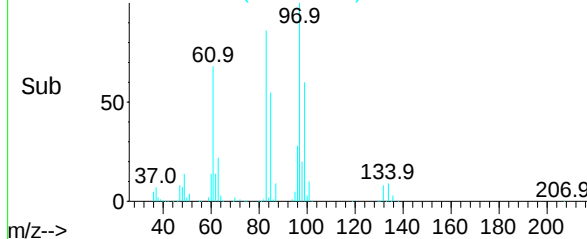
83 86.4 67.8 101.6

85 55.0 45.4 68.2

99 59.8 49.4 74.0



Abundance Scan 3321 (10.896 min): VN069510.D\data.ms (-3210) (-)



Abundance Scan 3271 (10.762 min): VN069417.D\data.ms (-3256) (-)

Ethyl methacrylate

Concen: 18.99 ug/l

RT: 10.762 min Scan# 3271

Delta R.T. 0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

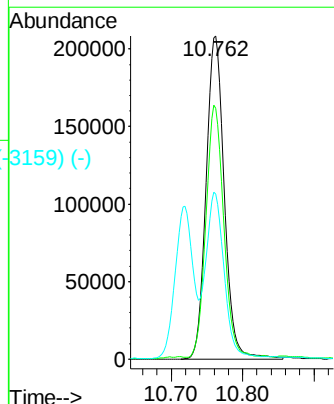
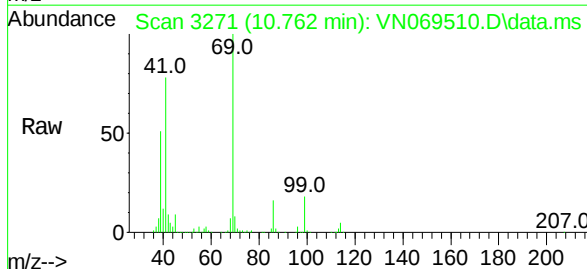
Tgt Ion: 69 Resp: 367634

Ion Ratio Lower Upper

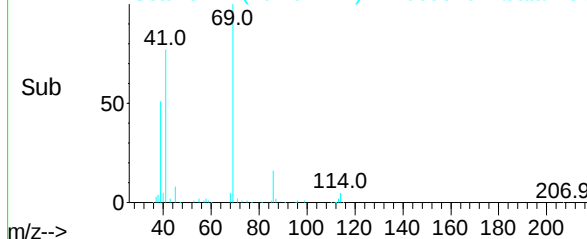
69 100

41 76.3 51.4 77.0

39 49.8 34.6 52.0



Abundance Scan 3271 (10.762 min): VN069510.D\data.ms (-3159) (-)



Abundance Scan 3376 (11.044 min): VN069417.D\data.ms (-3357) (-)

1,3-Dichloropropane

Concen: 20.67 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

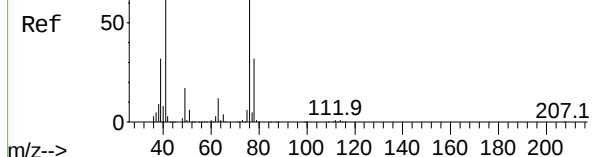
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

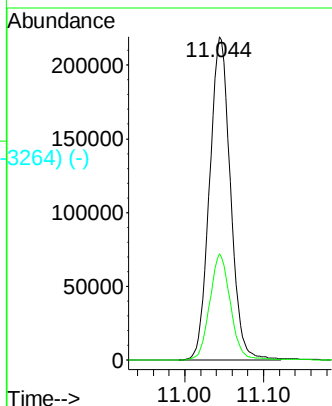
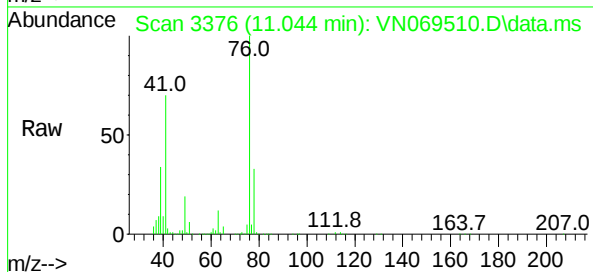


Tgt Ion: 76 Resp: 401159

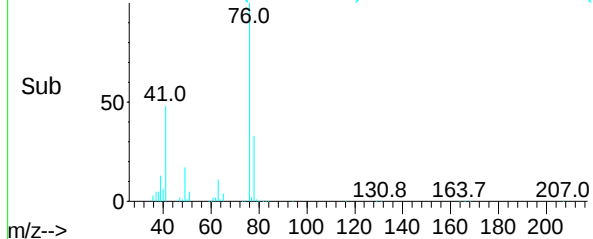
Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



Abundance Scan 3376 (11.044 min): VN069510.D\data.ms (-3264) (-)



Abundance Scan 3002 (10.041 min): VN069417.D\data.ms (-2950) (-)

2-Chloroethyl Vinyl ether

Concen: 90.69 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069510.D

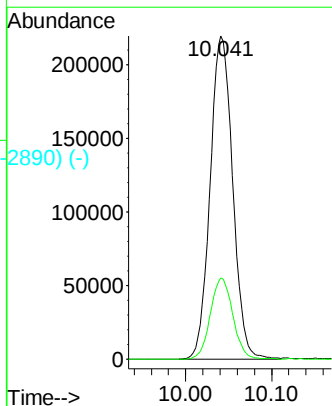
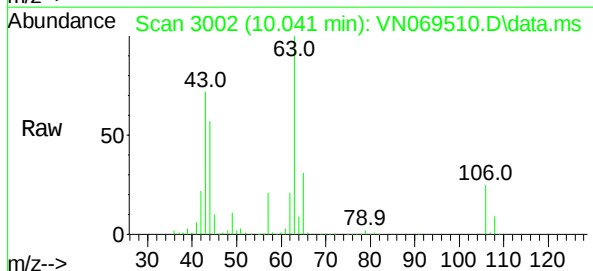
Acq: 16 Nov 2021 15:59

Tgt Ion: 63 Resp: 399842

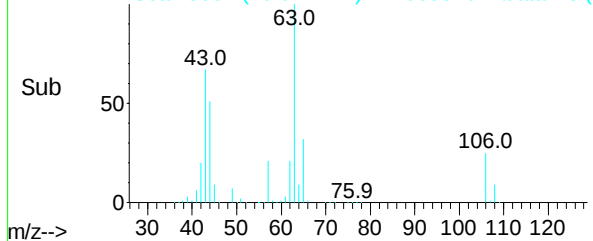
Ion Ratio Lower Upper

63 100

106 25.0 23.9 35.9



Abundance Scan 3002 (10.041 min): VN069510.D\data.ms (-2890) (-)



Abundance Scan 3392 (11.087 min): VN069417.D\data.ms (-3359) (-)

2-Hexanone

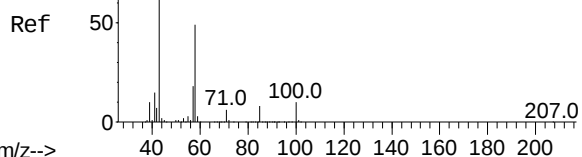
Concen: 91.57 ug/l

RT: 11.087 min Scan# 3392

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59



Instrument :

MSVOA_N

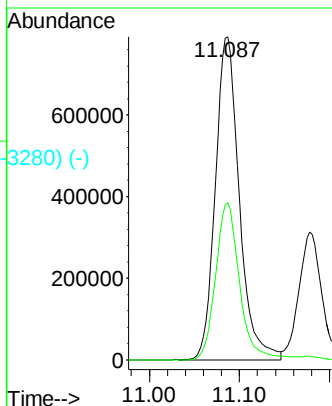
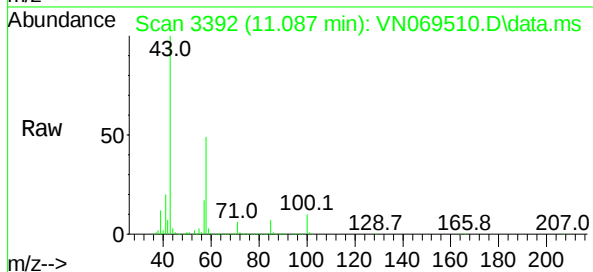
ClientSampleId :

Tgt Ion: 43 Resp: 1455885

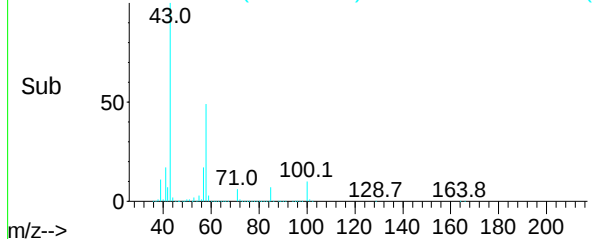
Ion Ratio Lower Upper

43 100

58 48.8 26.9 80.7



Abundance Scan 3392 (11.087 min): VN069510.D\data.ms (-3280) (-)



Abundance Scan 3449 (11.240 min): VN069417.D\data.ms (-3428) (-)

Dibromochloromethane

Concen: 18.03 ug/l

RT: 11.237 min Scan# 3448

Delta R.T. -0.003 min

Lab File: VN069510.D

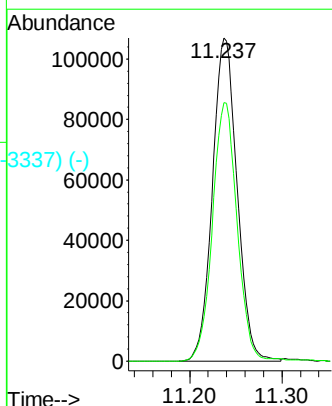
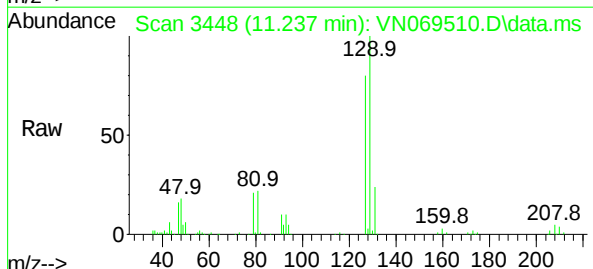
Acq: 16 Nov 2021 15:59

Tgt Ion:129 Resp: 198852

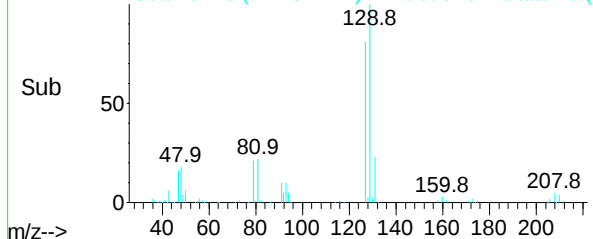
Ion Ratio Lower Upper

129 100

127 79.9 38.6 116.0



Abundance Scan 3448 (11.237 min): VN069510.D\data.ms (-3337) (-)



Abundance Scan 3489 (11.347 min): VN069417.D\data.ms (-3469) (-)

1,2-Dibromoethane

Concen: 19.15 ug/l

RT: 11.347 min Scan# 469

Delta R.T. -0.000 min

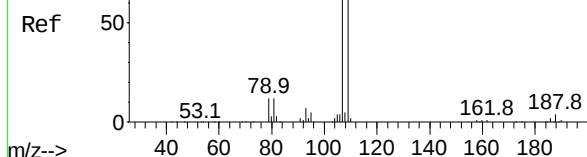
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

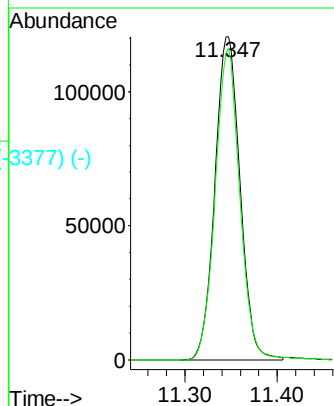
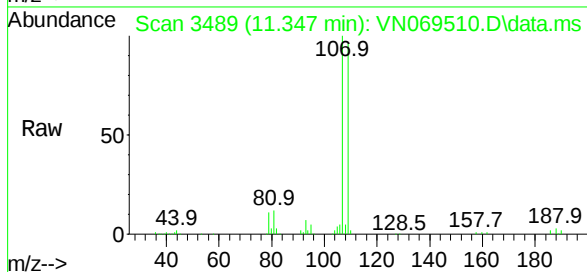


Tgt Ion:107 Resp: 227699

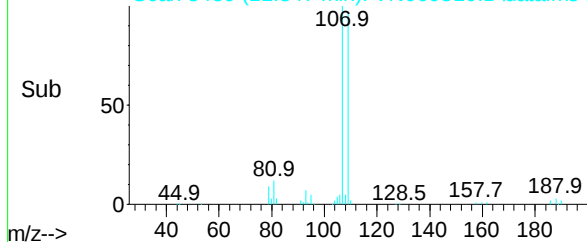
Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5



Abundance Scan 3489 (11.347 min): VN069510.D\data.ms (-3377) (-)



Abundance Scan 4006 (12.734 min): VN069417.D\data.ms (-3962) (-)

4-Bromofluorobenzene

Concen: 47.31 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.003 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

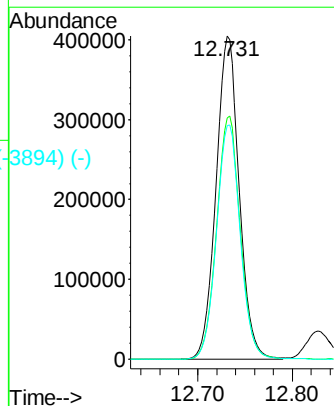
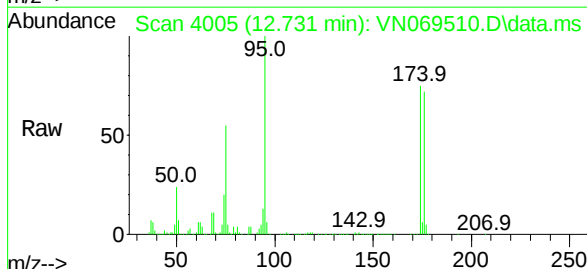
Tgt Ion: 95 Resp: 694031

Ion Ratio Lower Upper

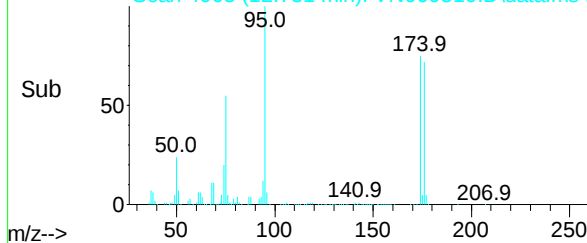
95 100

174 76.9 0.0 187.2

176 74.5 0.0 181.4



Abundance Scan 4005 (12.731 min): VN069510.D\data.ms (-3894) (-)



Abundance Scan 3638 (11.747 min): VN069417.D\data.ms (-3638) (-)

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.744 min Scan#

Delta R.T. -0.003 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Raw

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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Abundance Scan 3637 (11.744 min): VN069510.D\data.ms

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m/z-->

Tgt Ion:117 Resp: 1532877

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 31.7 25.4 38.2

Abundance

800000

600000

400000

200000

0

Time-->

11.70 11.80

11.744

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Abundance Scan 3351 (10.977 min): VN069417.D\data.ms (-3351) (-)

Tetrachloroethene

Concen: 20.71 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Tgt Ion:164 Resp: 191689

Ion Ratio Lower Upper

164 100

166 127.8 101.9 152.9

129 99.8 72.0 108.0

131 96.5 70.9 106.3

Abundance

100000

50000

0

Time-->

10.90 11.00

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Abundance Scan 3647 (11.771 min): VN069417.D\data.ms (-3655)

Chlorobenzene

Concen: 20.67 ug/l

RT: 11.771 min Scan# 3647

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

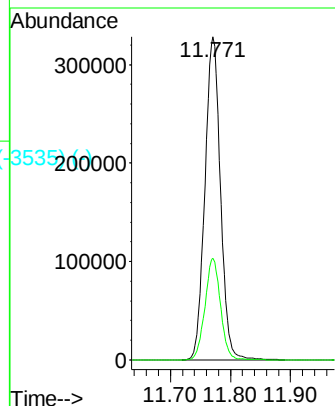
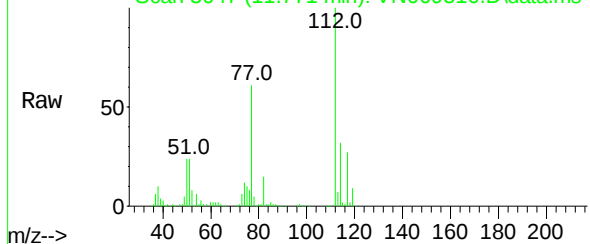
Tgt Ion:112 Resp: 589620

Ion Ratio Lower Upper

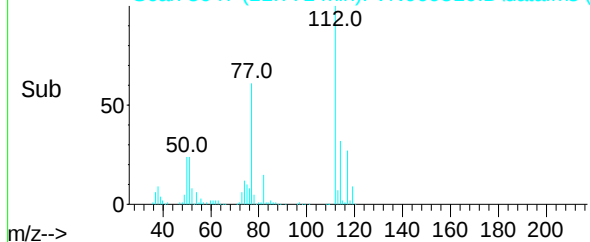
112 100

114 31.6 25.4 38.0

Abundance Scan 3647 (11.771 min): VN069510.D\data.ms



Abundance Scan 3647 (11.771 min): VN069510.D\data.ms (-3535)



Abundance Scan 3674 (11.843 min): VN069417.D\data.ms (-3656)

1,1,1,2-Tetrachloroethane

Concen: 21.02 ug/l

RT: 11.840 min Scan# 3673

Delta R.T. -0.003 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Tgt Ion:131 Resp: 208023

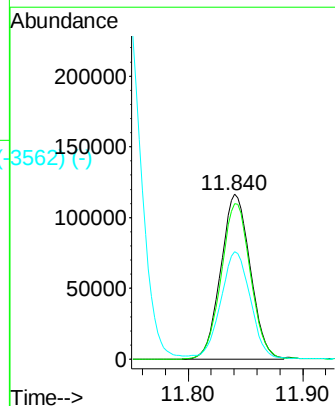
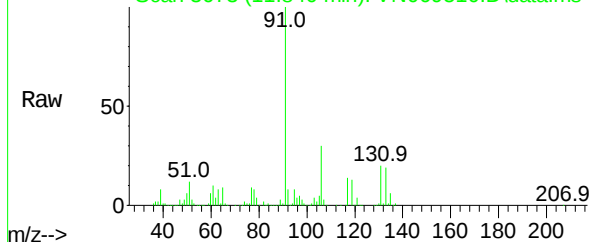
Ion Ratio Lower Upper

131 100

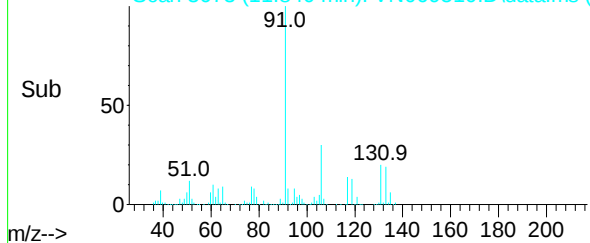
133 93.9 47.9 143.7

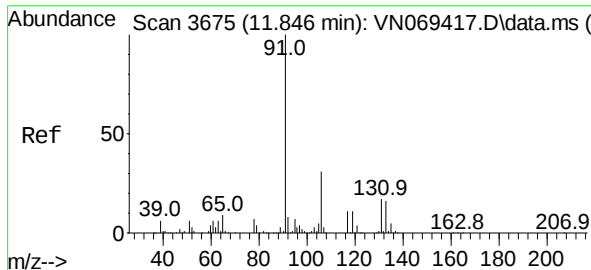
119 64.6 32.1 96.5

Abundance Scan 3673 (11.840 min): VN069510.D\data.ms



Abundance Scan 3673 (11.840 min): VN069510.D\data.ms (-3562)

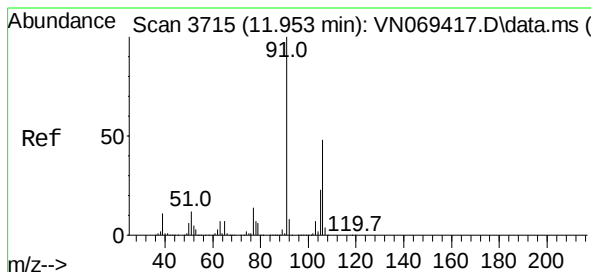
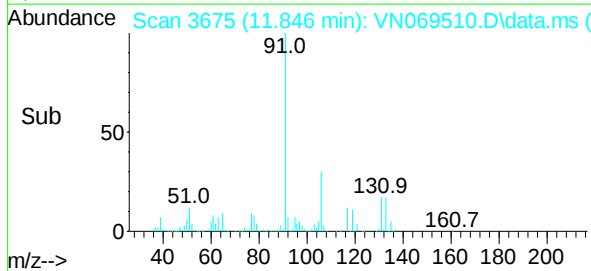
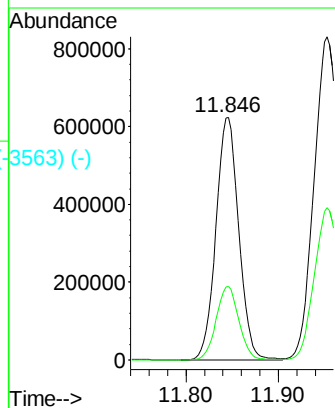
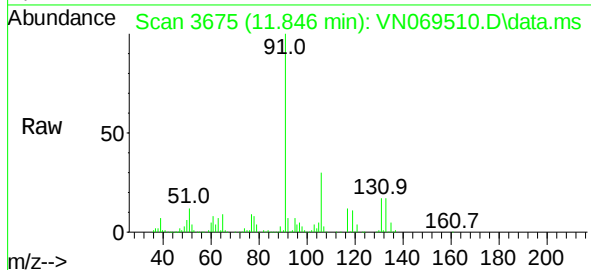




Ethyl Benzene
Concen: 20.33 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

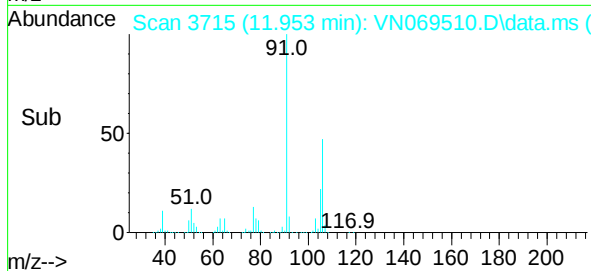
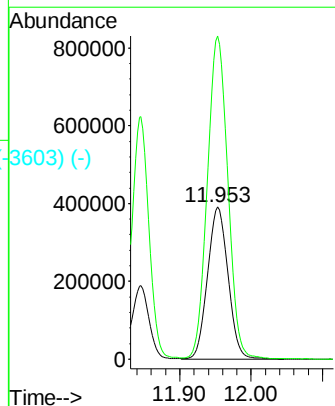
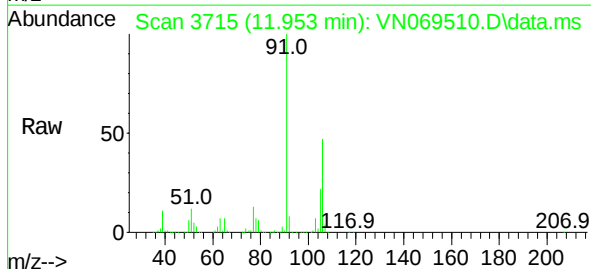
Instrument :
MSVOA_N
ClientSampleId :

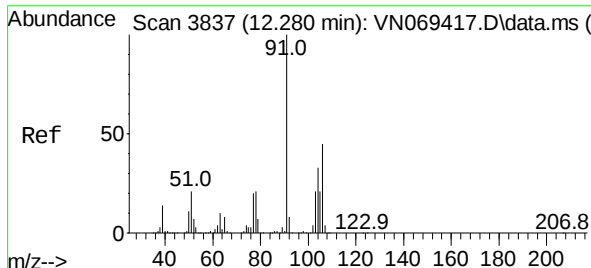
Tgt Ion: 91 Resp: 1069613
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



m/p-Xylenes
Concen: 40.10 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:106 Resp: 776098
Ion Ratio Lower Upper
106 100
91 212.8 160.6 240.8

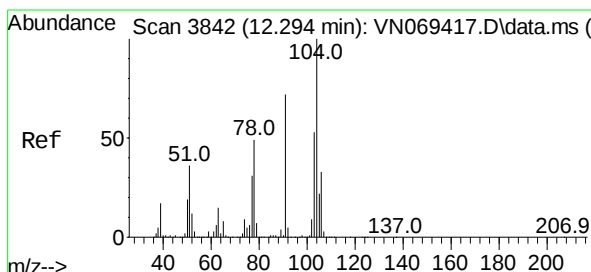
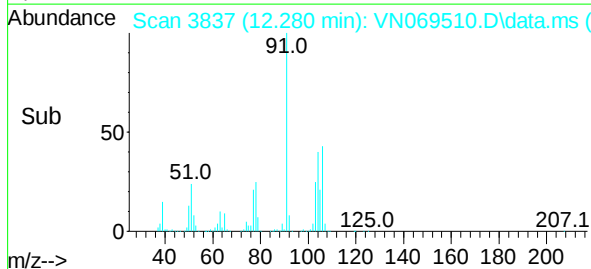
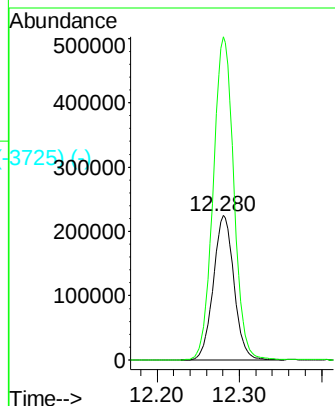
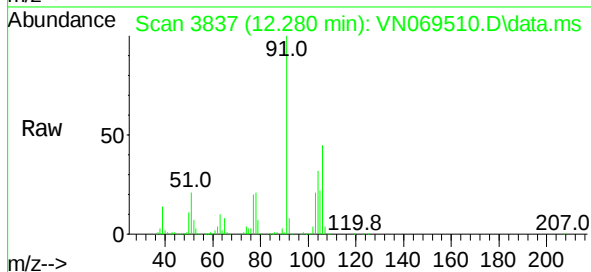




o-Xylene
Concen: 20.18 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

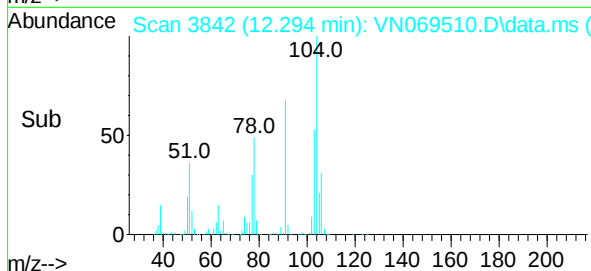
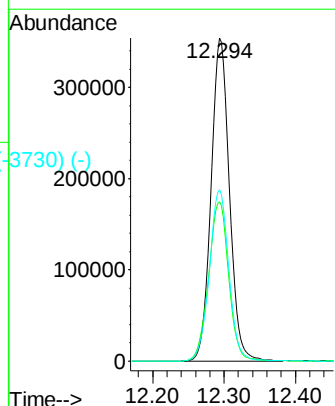
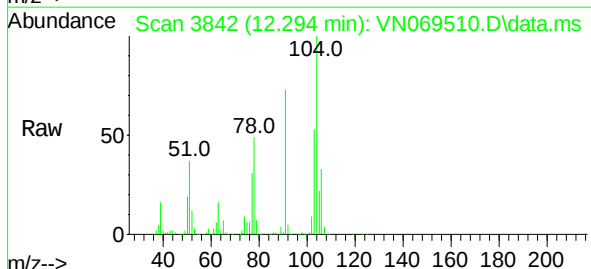
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 389299
Ion Ratio Lower Upper
106 100
91 224.6 105.8 317.3

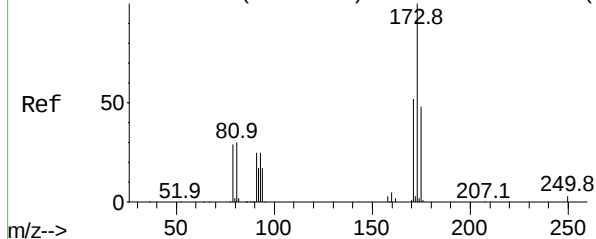


Styrene
Concen: 19.15 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:104 Resp: 629724
Ion Ratio Lower Upper
104 100
78 54.1 38.7 58.1
103 56.2 45.0 67.6



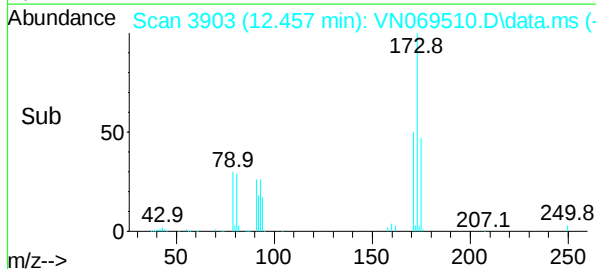
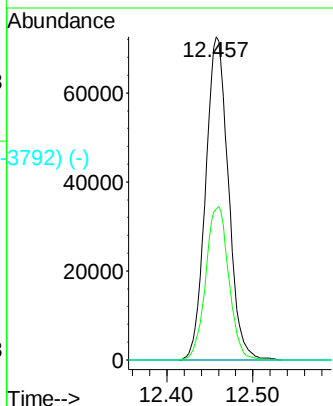
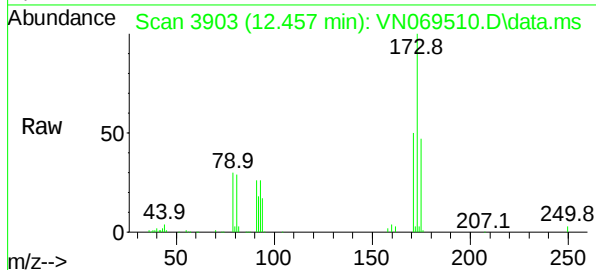
Abundance Scan 3904 (12.460 min): VN069417.D\data.ms (-3675) (-)



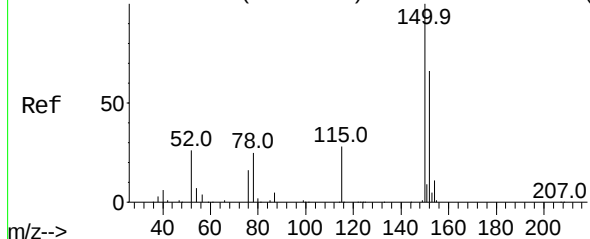
Bromoform
Concen: 17.79 ug/l
RT: 12.457 min Scan# 4375
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 132460
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

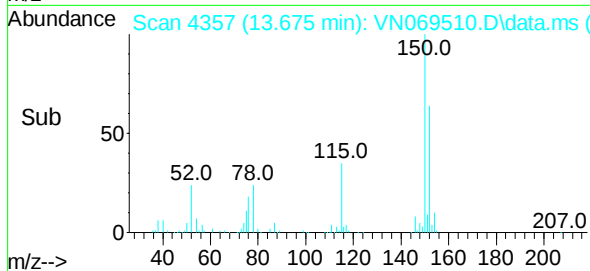
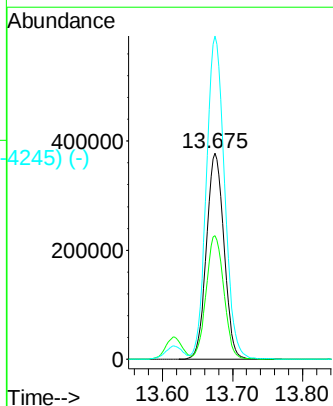
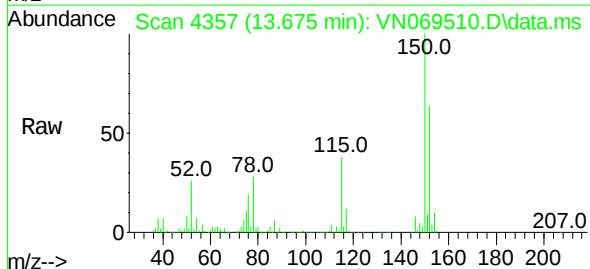


Abundance Scan 4357 (13.675 min): VN069417.D\data.ms (-4379) (-)

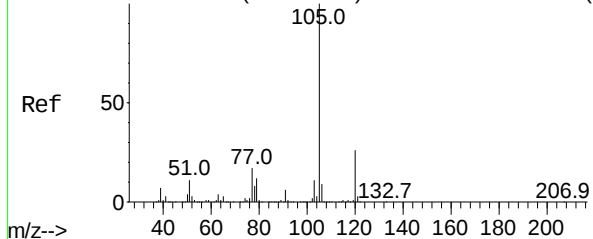


1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:152 Resp: 652283
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 162.7 0.0 344.4



Abundance Scan 3948 (12.578 min): VN069417.D\data.ms (-3979) (-)



Isopropylbenzene

Concen: 19.74 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

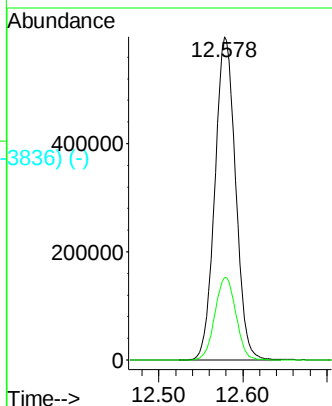
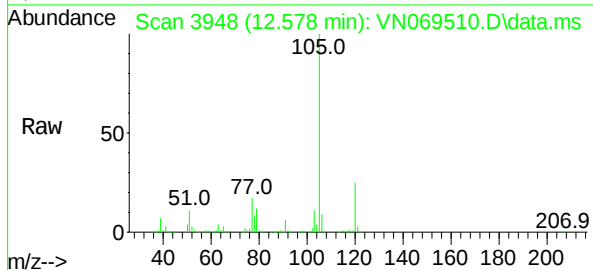
ClientSampleId :

Tgt Ion:105 Resp: 1025146

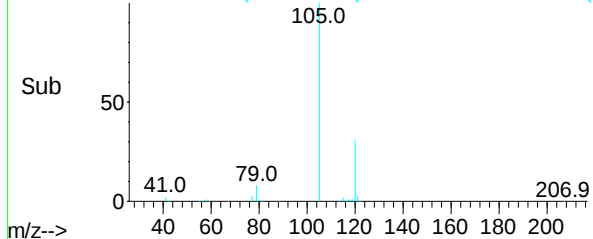
Ion Ratio Lower Upper

105 100

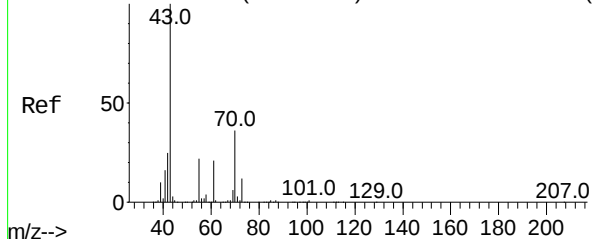
120 25.9 13.4 40.1



Abundance Scan 3948 (12.578 min): VN069510.D\data.ms (-3836) (-)



Abundance Scan 3877 (12.388 min): VN069417.D\data.ms (-3874) (-)



N-amyI acetate

Concen: 19.27 ug/l

RT: 12.390 min Scan# 3878

Delta R.T. 0.002 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Tgt Ion: 43 Resp: 424194

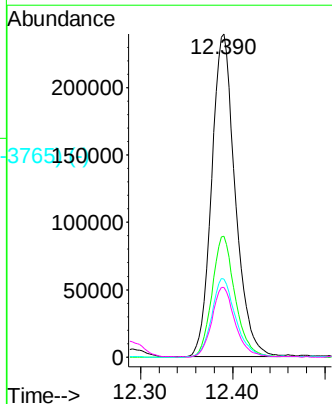
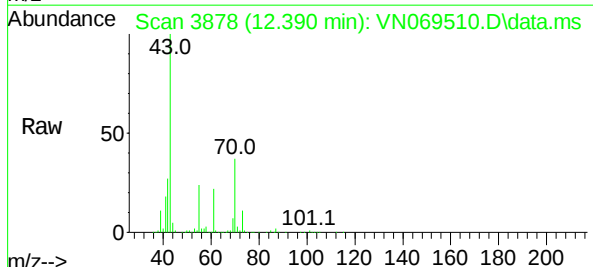
Ion Ratio Lower Upper

43 100

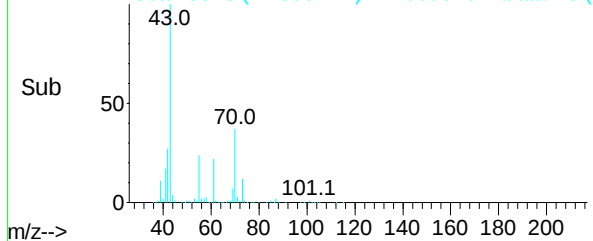
70 36.7 33.4 50.0

55 24.6 19.3 28.9

61 21.1 18.5 27.7



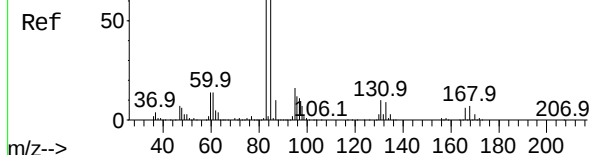
Abundance Scan 3878 (12.390 min): VN069510.D\data.ms (-3765) (-)



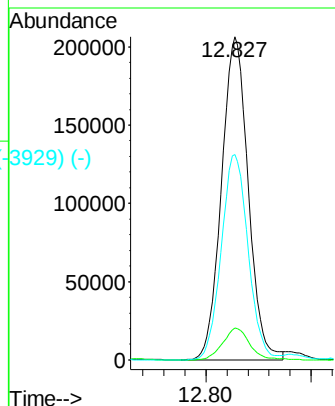
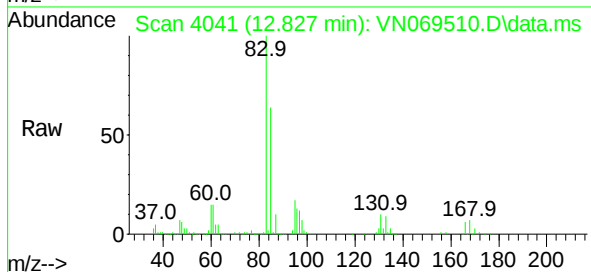
Abundance Scan 4041 (12.827 min): VN069417.D\data.ms (-4075) (-)

1,1,2,2-Tetrachloroethane
Concen: 20.79 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

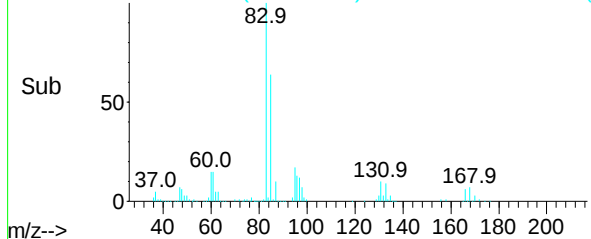
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 83 Resp: 364225
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.8 32.4 97.2



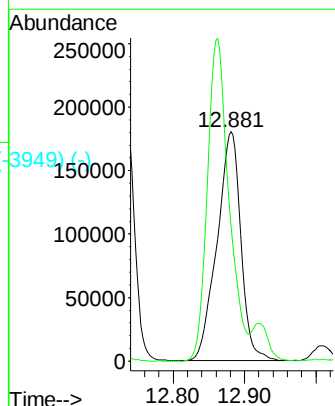
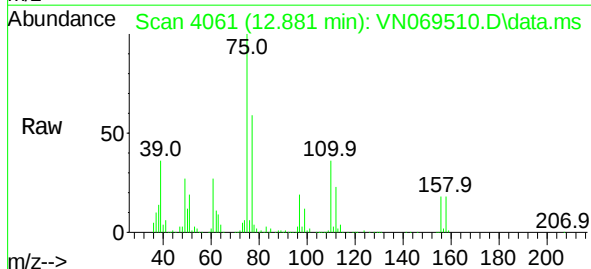
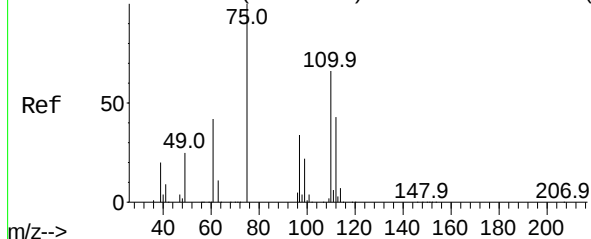
Abundance Scan 4041 (12.827 min): VN069510.D\data.ms (-3929) (-)



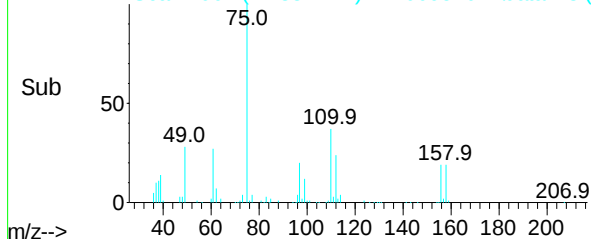
Abundance Scan 4061 (12.881 min): VN069417.D\data.ms (-4075) (-)

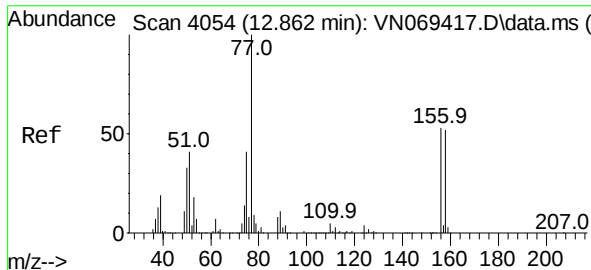
1,2,3-Trichloropropane
Concen: 27.73 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 75 Resp: 417374
Ion Ratio Lower Upper
75 100
77 127.4 82.6 247.8



Abundance Scan 4061 (12.881 min): VN069510.D\data.ms (-3949) (-)

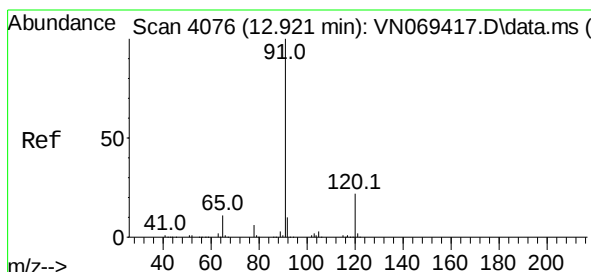
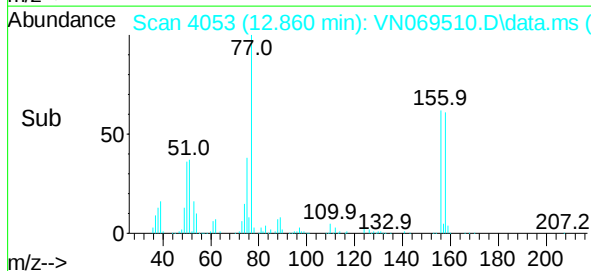
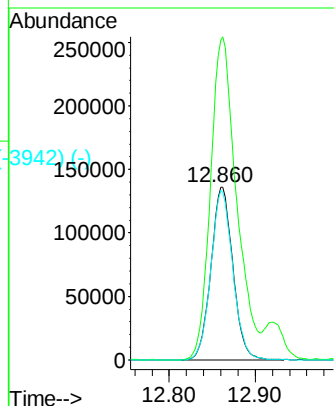
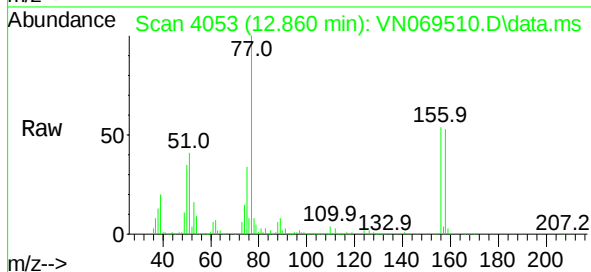




Bromobenzene
Concen: 20.23 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

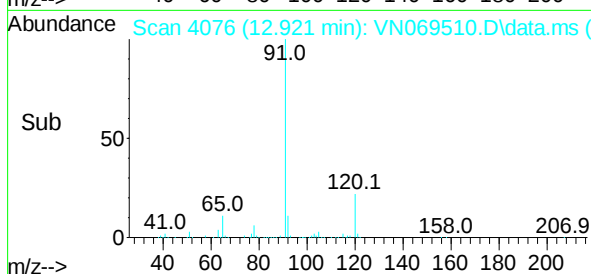
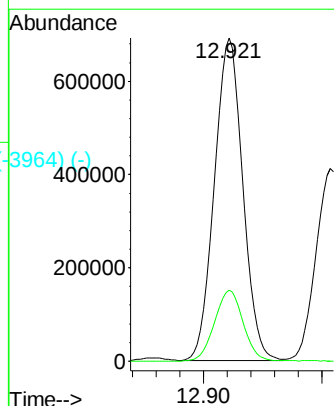
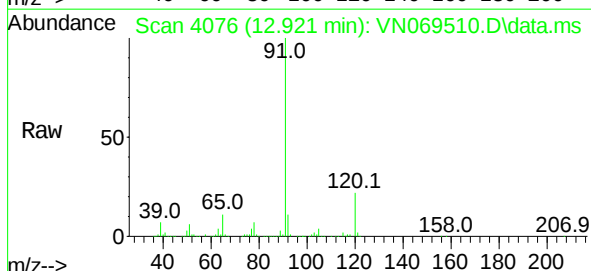
Instrument :
MSVOA_N
ClientSampleId :

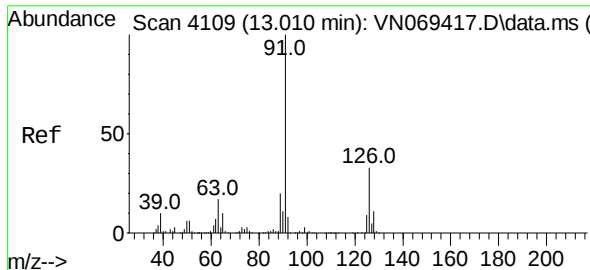
Tgt Ion:156 Resp: 240241
Ion Ratio Lower Upper
156 100
77 221.2 90.6 271.8
158 98.2 48.9 146.7



n-propylbenzene
Concen: 19.88 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 91 Resp: 1161691
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9

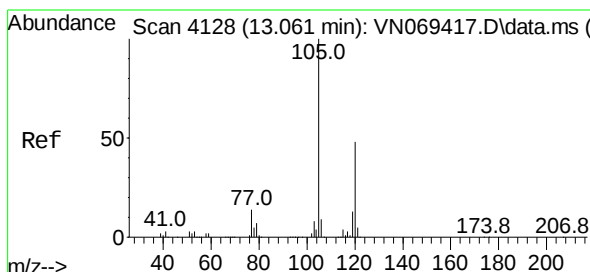
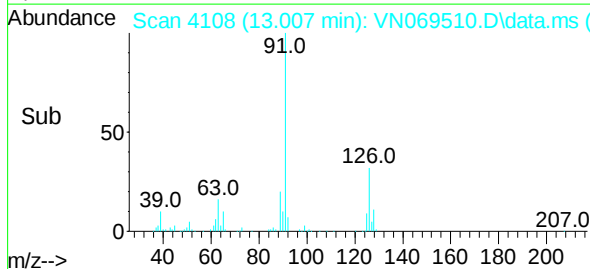
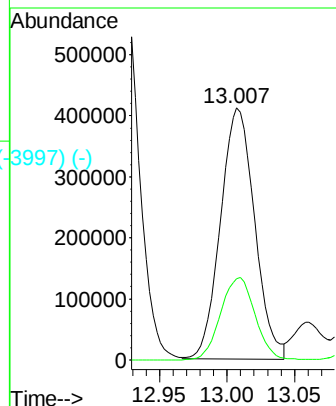
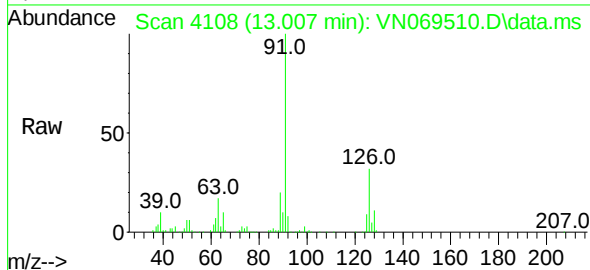




2-Chlorotoluene
Concen: 20.02 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

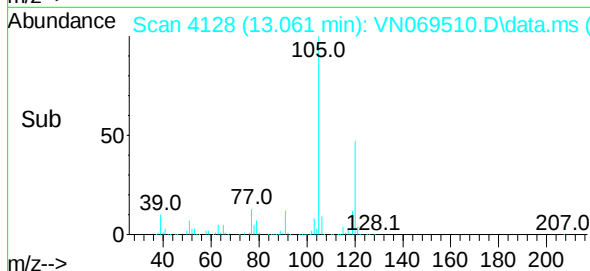
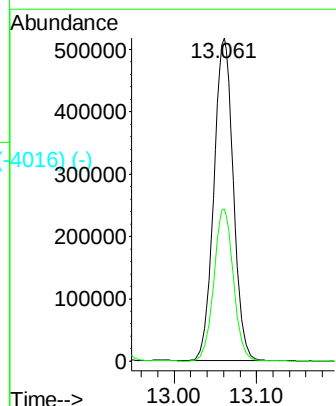
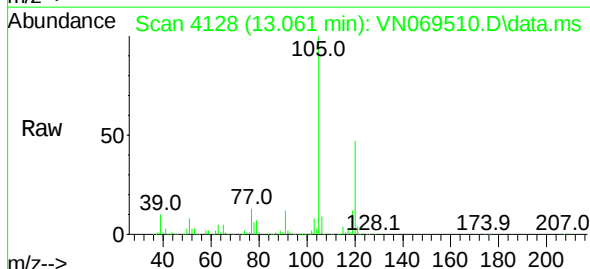
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 724338
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8



1,3,5-Trimethylbenzene
Concen: 20.22 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:105 Resp: 848843
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6



Abundance Scan 3966 (12.626 min): VN069417.D\data.ms (-3954) (-)

trans-1,4-Dichloro-2-butene

Concen: 17.99 ug/l

RT: 12.626 min Scan# 3966

Delta R.T. 0.000 min

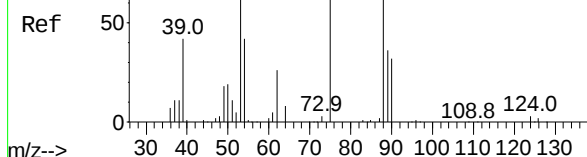
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :



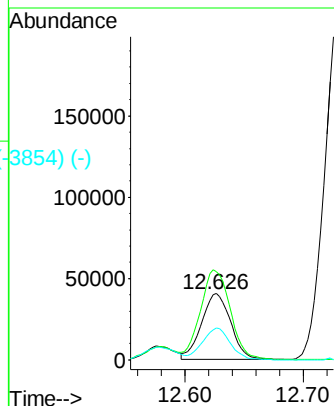
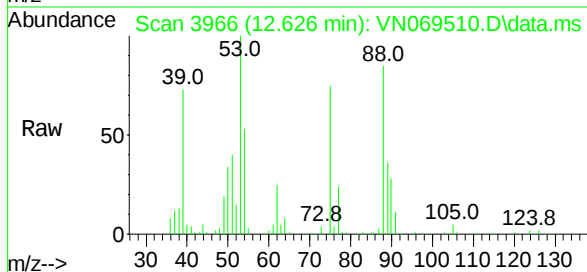
Tgt Ion: 75 Resp: 69806

Ion Ratio Lower Upper

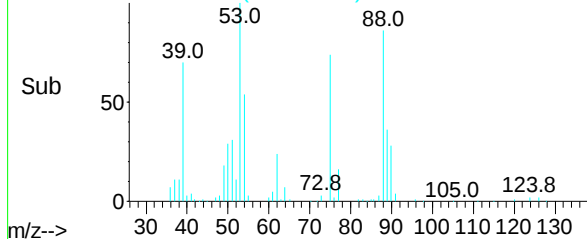
75 100

53 140.5 90.5 135.7#

89 46.6 38.2 57.4



Abundance Scan 3966 (12.626 min): VN069510.D\data.ms (-3854) (-)



Abundance Scan 4145 (13.106 min): VN069417.D\data.ms (-4134) (-)

4-Chlorotoluene

Concen: 19.94 ug/l

RT: 13.106 min Scan# 4145

Delta R.T. 0.000 min

Lab File: VN069510.D

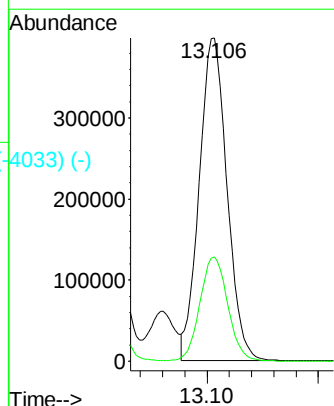
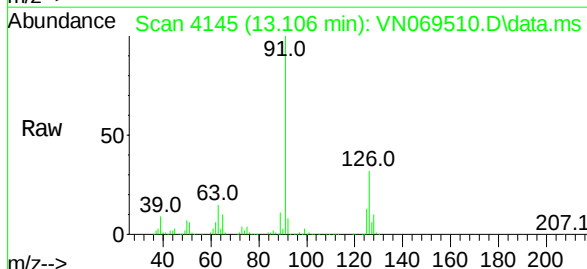
Acq: 16 Nov 2021 15:59

Tgt Ion: 91 Resp: 687808

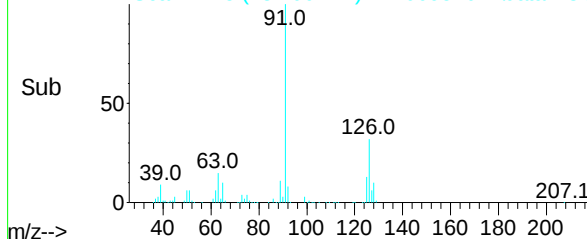
Ion Ratio Lower Upper

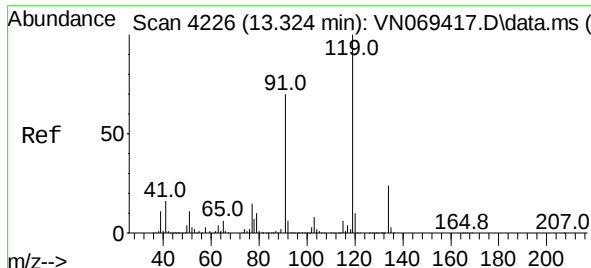
91 100

126 32.5 18.2 54.6



Abundance Scan 4145 (13.106 min): VN069510.D\data.ms (-4033) (-)

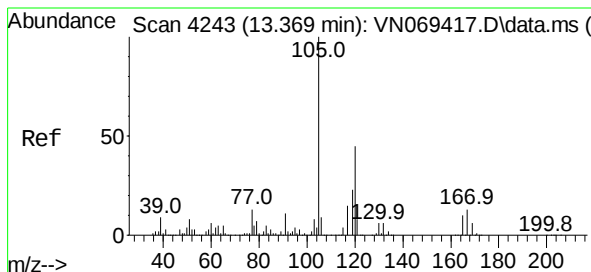
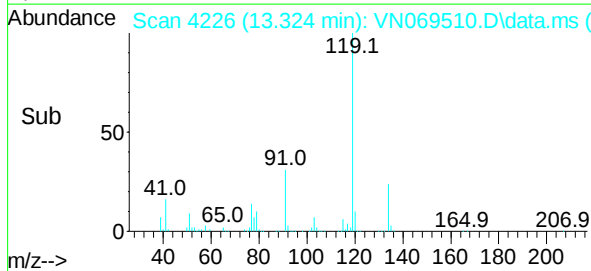
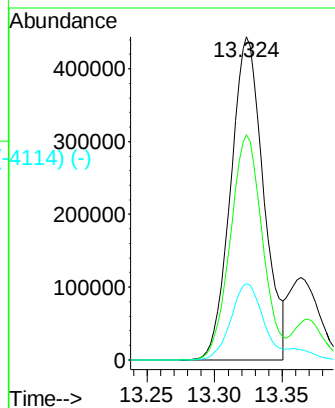
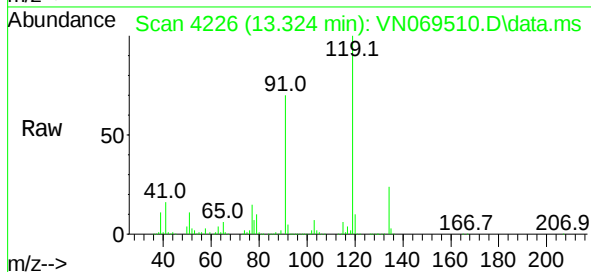




tert-Butylbenzene
Concen: 20.42 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

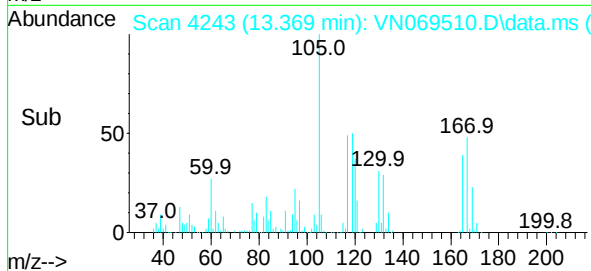
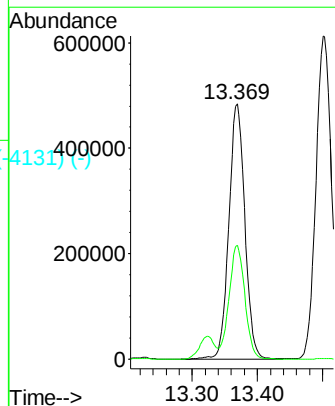
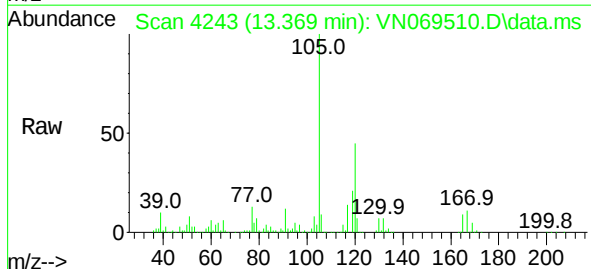
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	119	Resp:	751271
Ion	Ratio	Lower	Upper
119	100		
91	68.9	31.5	94.5
134	23.5	12.4	37.4

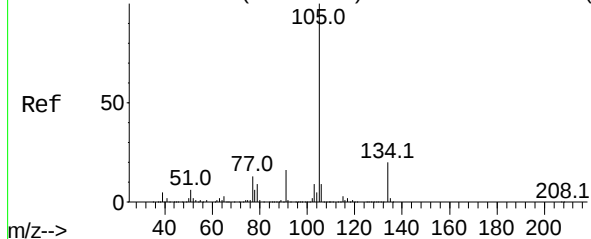


1,2,4-Trimethylbenzene
Concen: 20.40 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:	105	Resp:	826783
Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.8	68.4



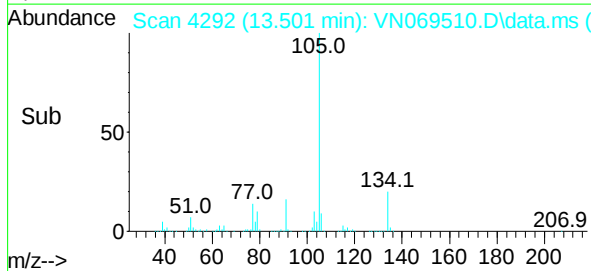
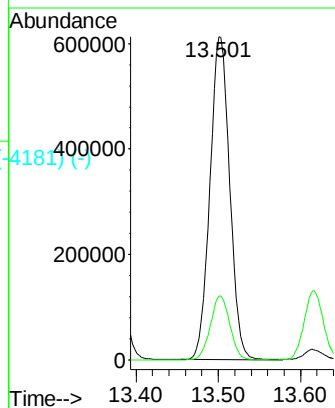
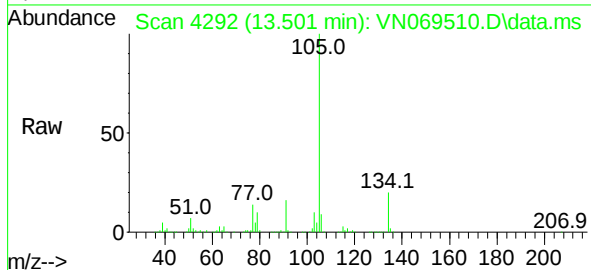
Abundance Scan 4293 (13.503 min): VN069417.D\data.ms (-4293) (-)



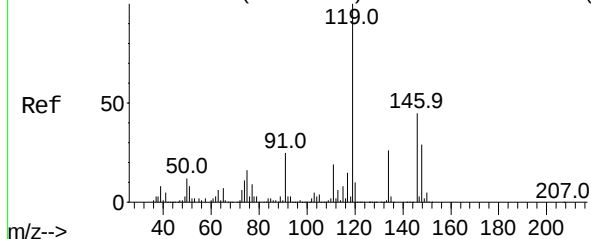
sec-Butylbenzene
Concen: 19.84 ug/l
RT: 13.501 min Scan# 4293
Delta R.T. -0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1019476
Ion Ratio Lower Upper
105 100
134 19.6 10.4 31.1

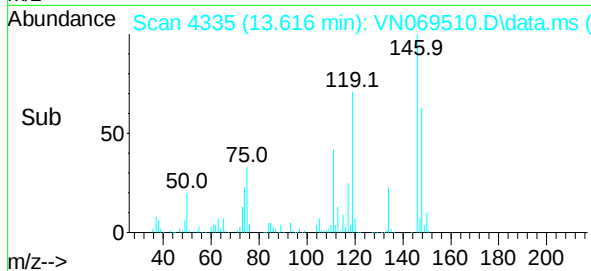
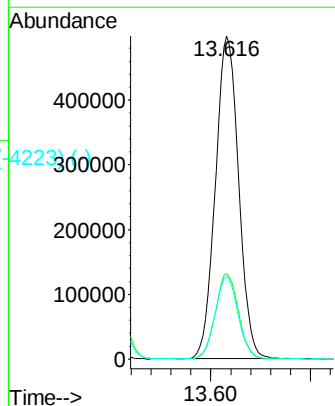
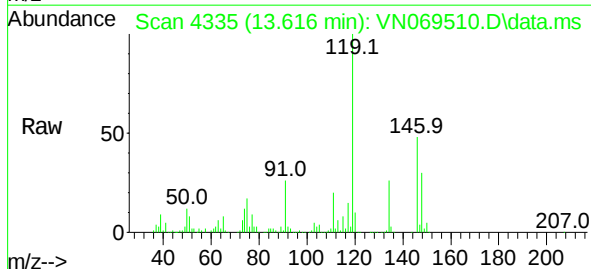


Abundance Scan 4335 (13.616 min): VN069417.D\data.ms (-4335) (-)

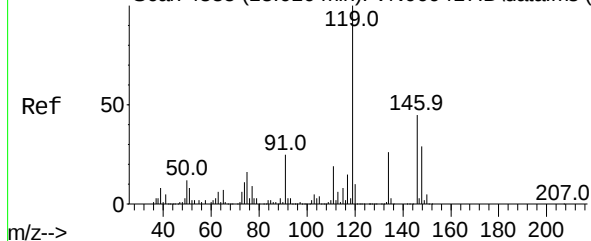


p-Isopropyltoluene
Concen: 19.77 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:119 Resp: 806667
Ion Ratio Lower Upper
119 100
134 26.4 13.6 40.7
91 25.0 11.4 34.1



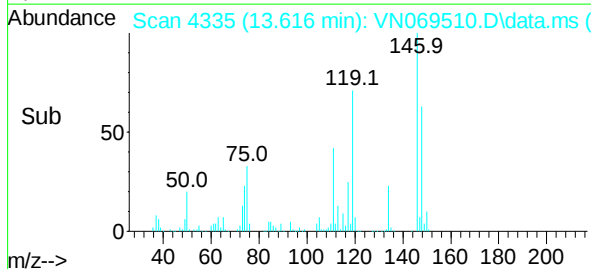
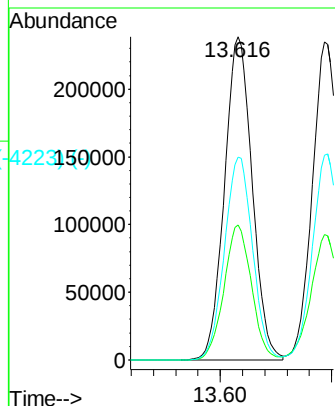
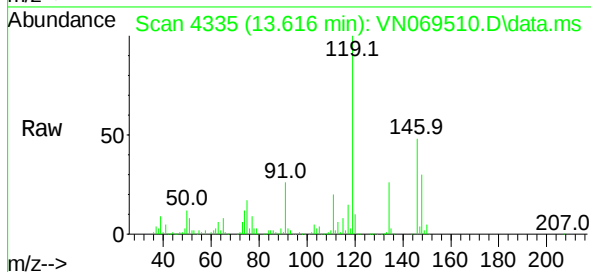
Abundance Scan 4335 (13.616 min): VN069417.D\data.ms (-4335) (-)



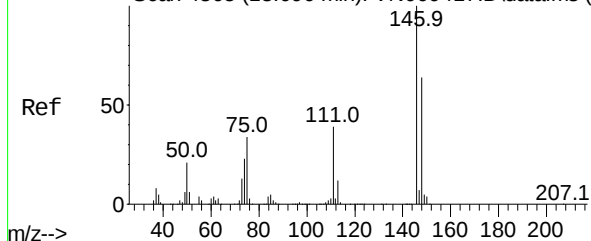
1,3-Dichlorobenzene
Concen: 20.03 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	146	Resp:	412531
Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.6	55.6
148	63.9	31.6	95.0

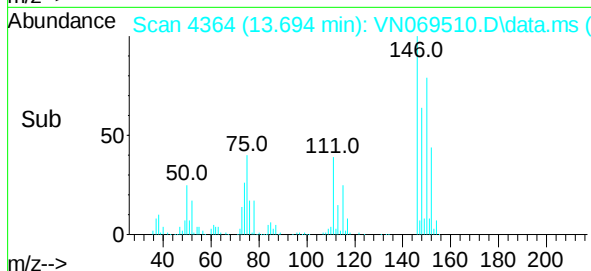
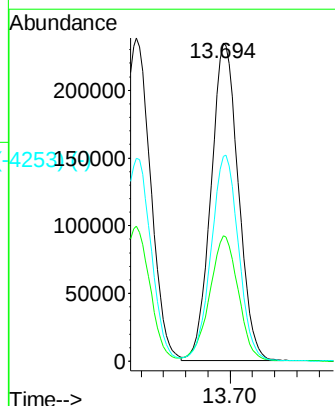
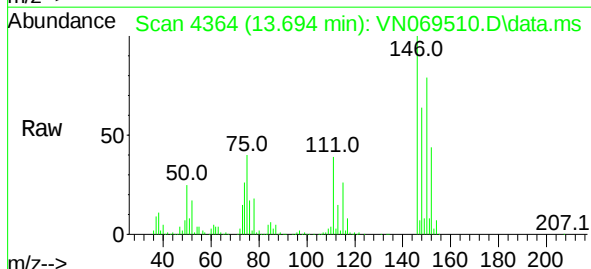


Abundance Scan 4365 (13.696 min): VN069417.D\data.ms (-4365) (-)

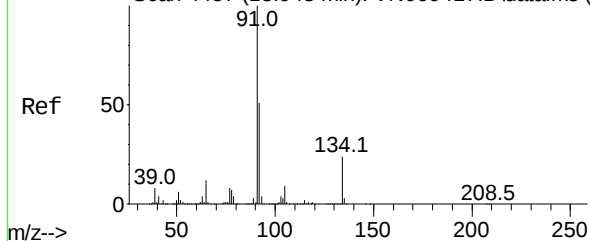


1,4-Dichlorobenzene
Concen: 19.84 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:	146	Resp:	400815
Ion	Ratio	Lower	Upper
146	100		
111	41.2	18.3	54.8
148	65.4	31.8	95.4



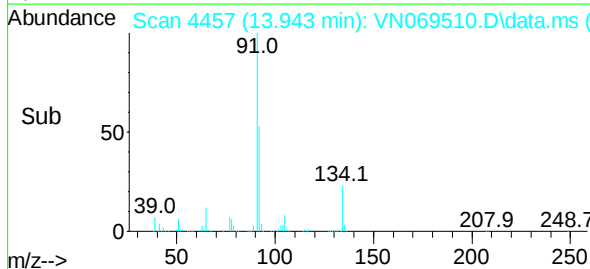
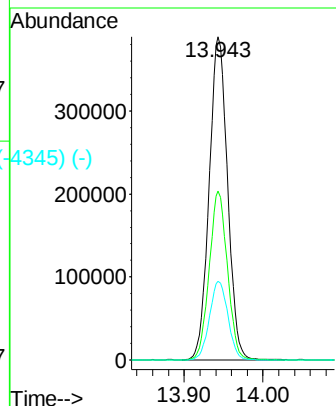
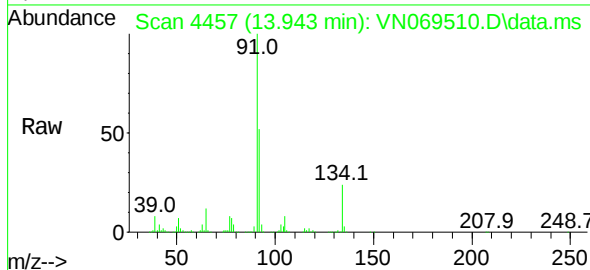
Abundance Scan 4457 (13.943 min): VN069417.D\data.ms (-4457) (-)



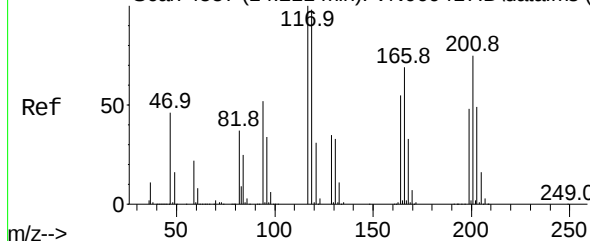
n-Butylbenzene
Concen: 18.52 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	91	Resp:	630122
Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.4	76.0
134	24.4	13.6	40.8

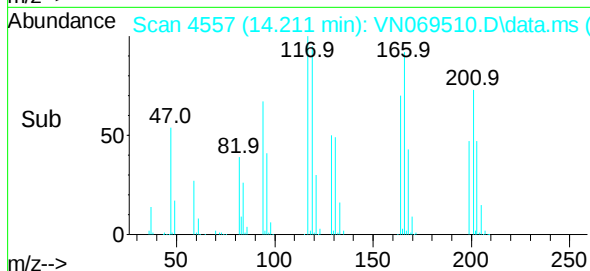
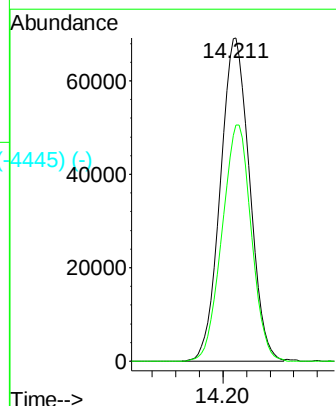
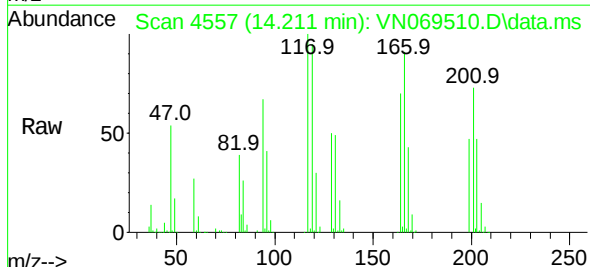


Abundance Scan 4557 (14.211 min): VN069417.D\data.ms (-4557) (-)

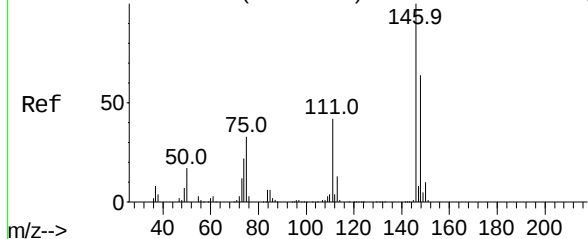


Hexachloroethane
Concen: 17.43 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:	117	Resp:	119665
Ion	Ratio	Lower	Upper
117	100		
201	73.3	43.9	131.6



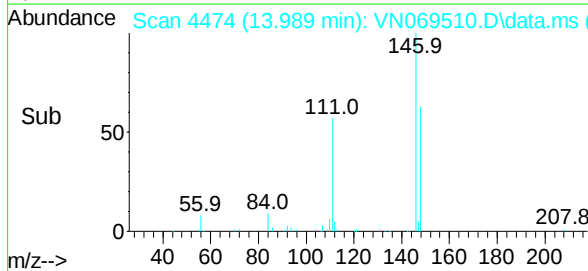
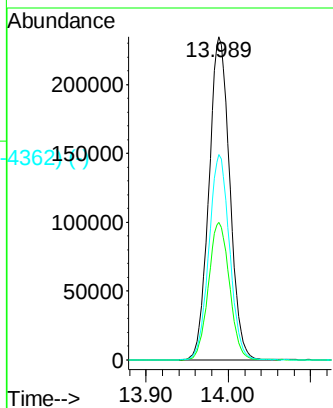
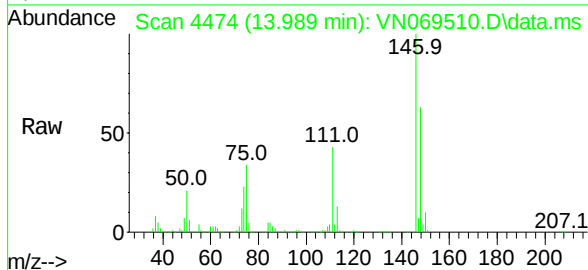
Abundance Scan 4474 (13.989 min): VN069417.D\data.ms (-4496)



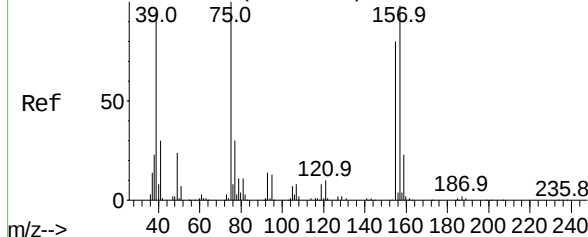
1,2-Dichlorobenzene
Concen: 21.01 ug/l
RT: 13.989 min Scan# 4496
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	146	Resp:	411757
Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.1	57.3
148	63.0	32.1	96.3

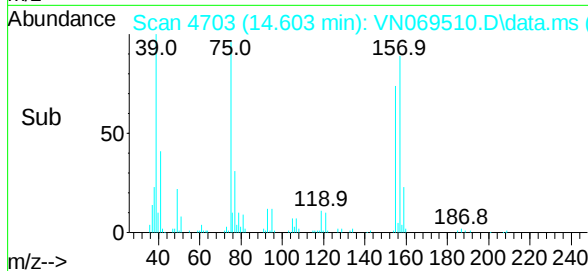
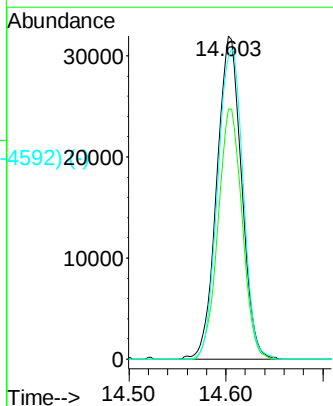
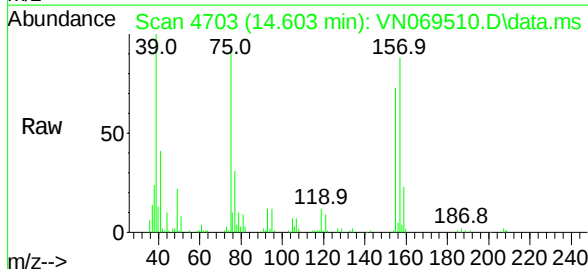


Abundance Scan 4704 (14.606 min): VN069417.D\data.ms (-4692)



1,2-Dibromo-3-Chloropropane
Concen: 18.46 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:	75	Resp:	56290
Ion	Ratio	Lower	Upper
75	100		
155	75.1	46.9	140.7
157	98.0	60.6	181.7



Abundance Scan 4950 (15.265 min): VN069417.D\data.ms (-4928) (-)

1,2,4-Trichlorobenzene

Concen: 18.56 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

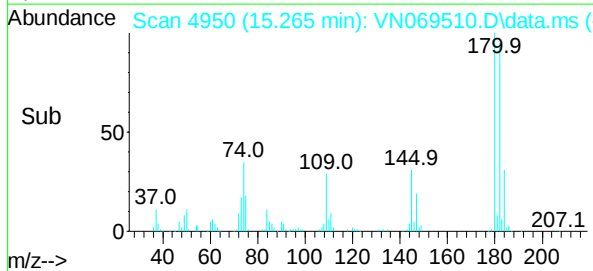
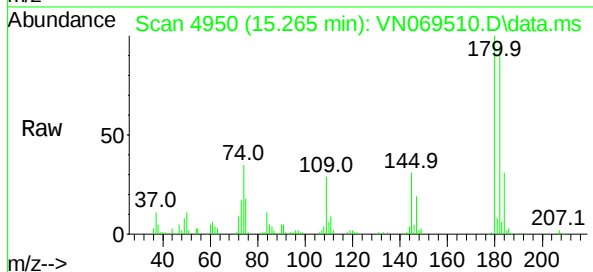
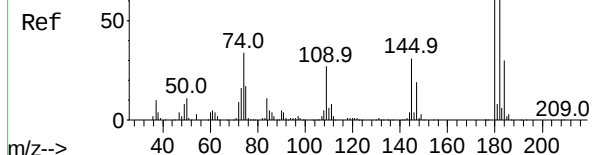
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

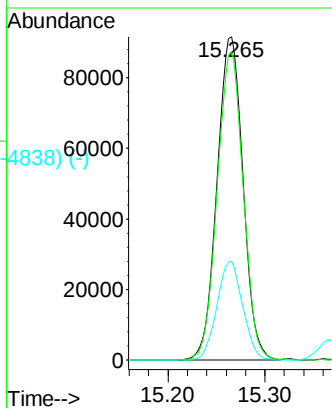
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	180	Resp:	169172
Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.3	144.9
145	30.3	14.5	43.5



Abundance Scan 4989 (15.370 min): VN069417.D\data.ms (-4969) (-)

Hexachlorobutadiene

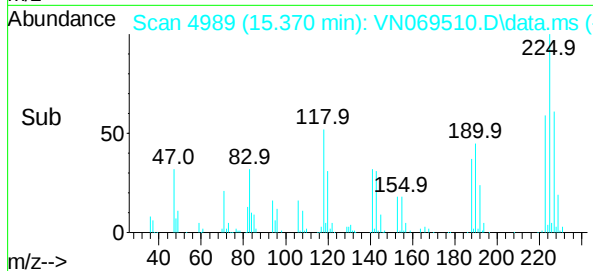
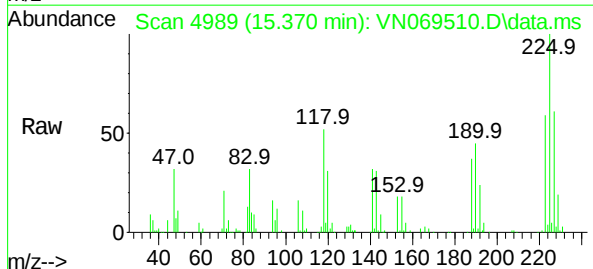
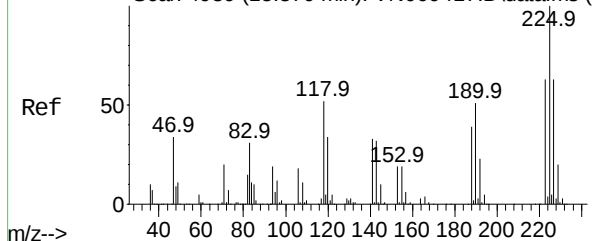
Concen: 20.70 ug/l

RT: 15.370 min Scan# 4989

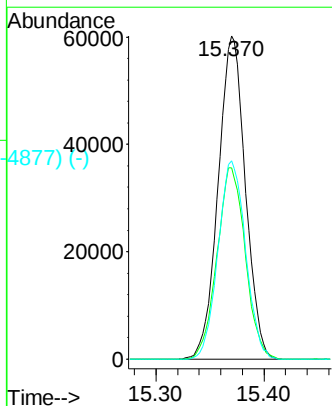
Delta R.T. -0.000 min

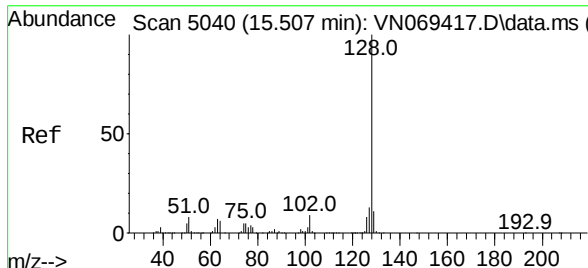
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59



Tgt Ion:	225	Resp:	105413
Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.9	95.7
227	62.1	32.1	96.3

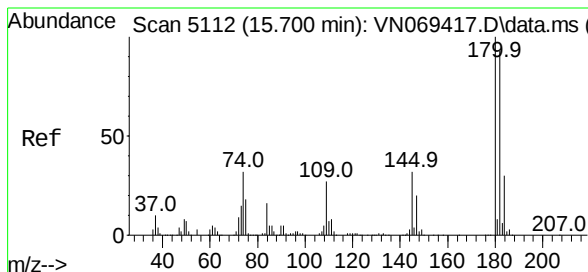
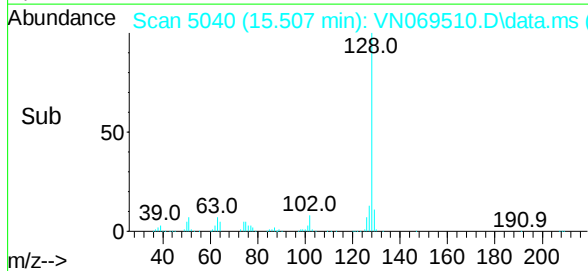
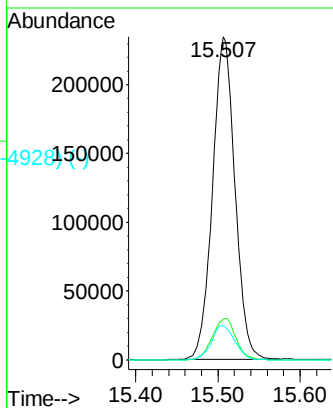
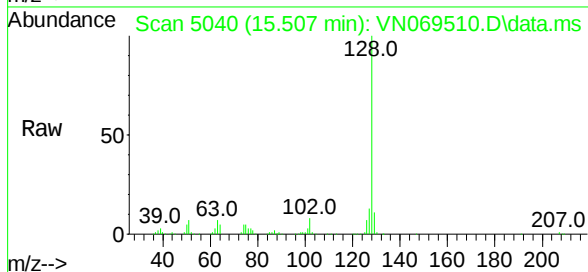




Naphthalene
Concen: 18.39 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	443123
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.2	8.7	13.1



1,2,3-Trichlorobenzene
Concen: 19.20 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:	180	Resp:	168012
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.2
145	34.1	15.0	45.1

