

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
 Data File : VN063295.D
 Acq On : 10 Sep 2020 14:44
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 10 15:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	480128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	849418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	759779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	370391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1157578	150.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.20%	
35) Dibromofluoromethane	7.55	113	853687	158.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.02%	
50) Toluene-d8	10.06	98	3190459	153.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.70%	
62) 4-Bromofluorobenzene	12.38	95	1216445	165.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	623901	133.267	ug/l	99
3) Chloromethane	2.04	50	858432	125.987	ug/l	98
4) Vinyl Chloride	2.17	62	912170	123.519	ug/l	98
5) Bromomethane	2.51	94	634420	106.494	ug/l	100
6) Chloroethane	2.67	64	592842	104.999	ug/l	96
7) Trichlorofluoromethane	2.98	101	1456203	130.613	ug/l	98
8) Diethyl Ether	3.37	74	511081	141.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	730348	141.999	ug/l	99
10) Methyl Iodide	3.91	142	1057976	151.838	ug/l	100
11) Tert butyl alcohol	4.73	59	730216	767.511	ug/l	99
12) 1,1-Dichloroethene	3.70	96	743152	142.846	ug/l	98
13) Acrolein	3.57	56	443043	1250.951	ug/l	100
14) Allyl chloride	4.28	41	1491937	159.134	ug/l	98
15) Acrylonitrile	4.93	53	2031308	825.509	ug/l	99
16) Acetone	3.78	43	1770457	788.708	ug/l	99
17) Carbon Disulfide	4.01	76	2210872	142.509	ug/l	100
18) Methyl Acetate	4.28	43	942978	164.773	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	2710062	141.288	ug/l	100
20) Methylene Chloride	4.51	84	865550	129.838	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	826986	144.713	ug/l	99
22) Diisopropyl ether	5.90	45	3048312	146.666	ug/l	99
23) Vinyl Acetate	5.84	43	11530499	697.333	ug/l #	92
24) 1,1-Dichloroethane	5.80	63	1639964	143.770	ug/l	99
25) 2-Butanone	6.78	43	2816567	816.255	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1407043	135.903	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	961511	138.422	ug/l	98
28) Bromochloromethane	7.15	49	818340	140.124	ug/l	98
29) Tetrahydrofuran	7.16	42	1854416	780.531	ug/l	99
30) Chloroform	7.33	83	1668365	140.332	ug/l	99
31) Cyclohexane	7.61	56	1420467	132.498	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	1471380	144.059	ug/l	99
36) 1,1-Dichloropropene	7.75	75	1253981	153.459	ug/l	100
37) Ethyl Acetate	6.88	43	1224017	174.889	ug/l	99
38) Carbon Tetrachloride	7.74	117	1281241	155.096	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1360557	148.984	ug/l	99
40) Benzene	8.00	78	3538078	148.359	ug/l	98
41) Methacrylonitrile	7.16	41	1759564	498.508	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	1395044	155.914	ug/l	99
43) Isopropyl Acetate	8.13	43	2178725	163.687	ug/l #	92
44) Trichloroethene	8.80	130	918518	156.443	ug/l	99
45) 1,2-Dichloropropane	9.08	63	972086	152.632	ug/l	99
46) Dibromomethane	9.18	93	645423	154.744	ug/l	99
47) Bromodichloromethane	9.37	83	1361057	152.459	ug/l	99
48) Methyl methacrylate	9.17	41	1036548	171.989	ug/l	98
49) 1,4-Dioxane	9.17	88	288243	3108.726	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	5420097	748.627	ug/l	93
52) Toluene	10.13	92	2217036	149.821	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	1533952	157.734	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1629451	157.932	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	858420	151.090	ug/l	99
56) Ethyl methacrylate	10.40	69	1420366	163.947	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1530905	151.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	3378435	758.194	ug/l	98
59) 2-Hexanone	10.72	43	4202488	822.748	ug/l	96
60) Dibromochloromethane	10.87	129	1020161	162.480	ug/l	99
61) 1,2-Dibromoethane	10.98	107	907958	154.438	ug/l	100
64) Tetrachloroethene	10.60	164	872174	156.455	ug/l	98
65) Chlorobenzene	11.41	112	2305804	150.930	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	885297	156.980	ug/l	99
67) Ethyl Benzene	11.49	91	4102832	147.314	ug/l	93
68) m/p-Xylenes	11.59	106	3175611	308.890	ug/l	85
69) o-Xylene	11.92	106	1527031	153.710	ug/l	96
70) Styrene	11.94	104	2614795	153.641	ug/l	98
71) Bromoform	12.10	173	650073	168.797	ug/l #	99
73) Isopropylbenzene	12.23	105	3950350	140.234	ug/l	97
74) N-amyl acetate	12.05	43	1981688	168.337	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1185661	146.463	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1695397	214.015	ug/l #	100
77) Bromobenzene	12.50	156	939784	146.792	ug/l	100
78) n-propylbenzene	12.57	91	4514499	138.503	ug/l	96
79) 2-Chlorotoluene	12.65	91	2844948	145.332	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	3416200	145.062	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	458214	153.827	ug/l	99
82) 4-Chlorotoluene	12.75	91	3012084	148.516	ug/l	100
83) tert-Butylbenzene	12.97	119	2865501	142.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	3422840	144.214	ug/l	97
85) sec-Butylbenzene	13.15	105	3692892	141.627	ug/l	98
86) p-Isopropyltoluene	13.26	119	3400752	146.543	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	1758918	149.930	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1760266	145.442	ug/l	99
89) n-Butylbenzene	13.59	91	3147494	146.605	ug/l	98
90) Hexachloroethane	13.85	117	640892	149.793	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1722318	151.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	290285	160.134	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Sep 10 14:25:24 2020
Response via : Initial Calibration

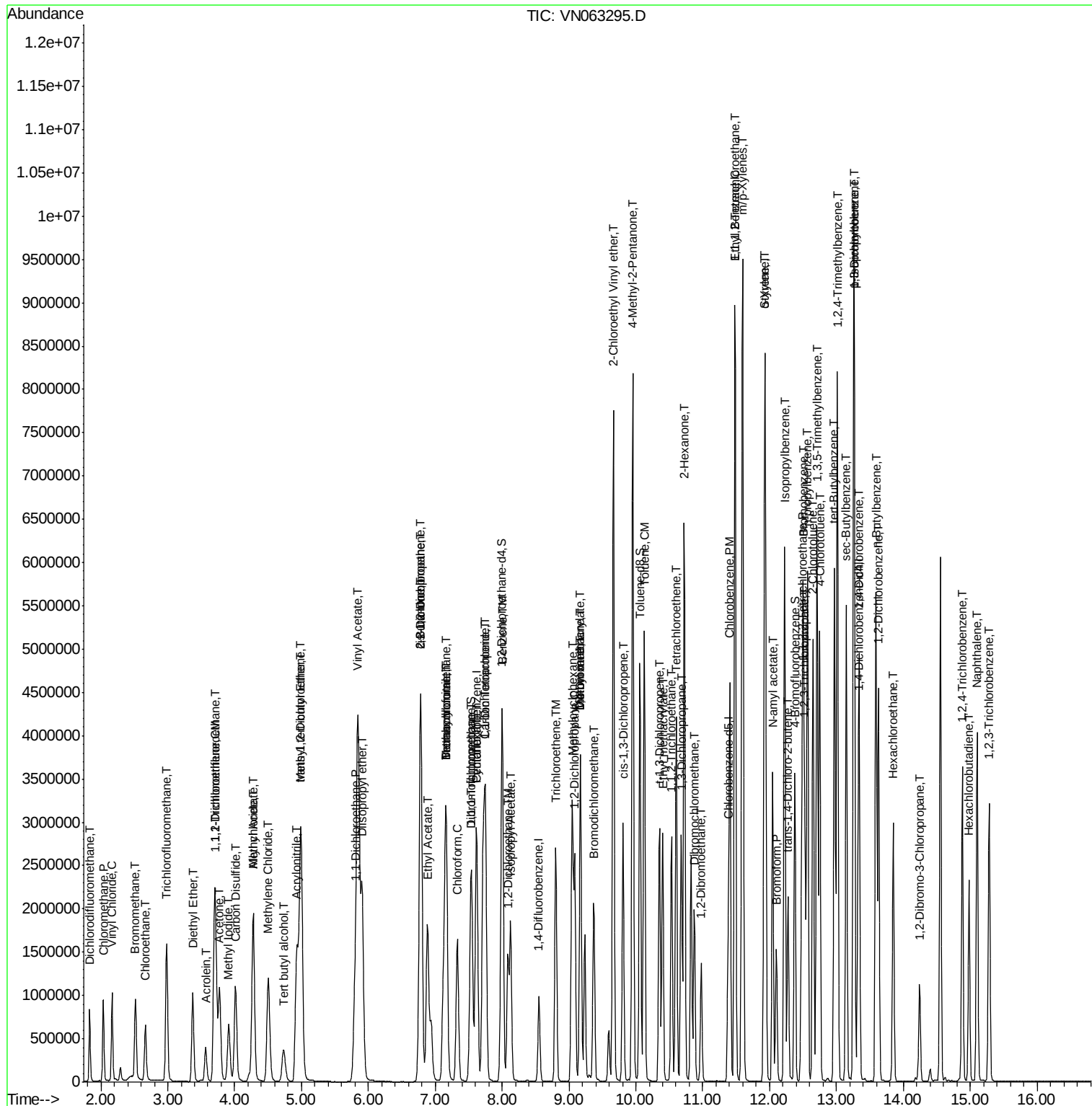
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1031454	160.261	ug/l	99
94) Hexachlorobutadiene	14.98	225	380685	156.497	ug/l	99
95) Naphthalene	15.10	128	3244139	154.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	962989	153.598	ug/l	100

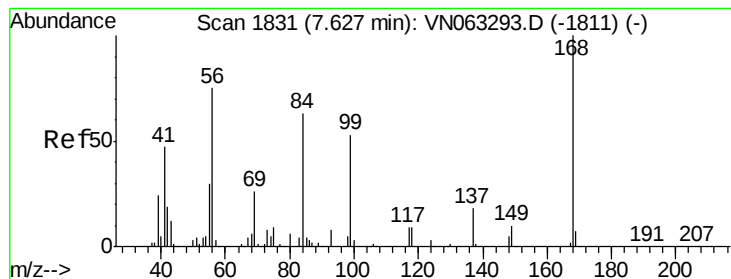
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
Data File : VN063295.D
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Sample : VSTDIC150
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDIC150

Quant Time: Sep 10 15:07:05 2020
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Quant Title : SW846 8260
QLast Update : Thu Sep 10 14:25:24 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

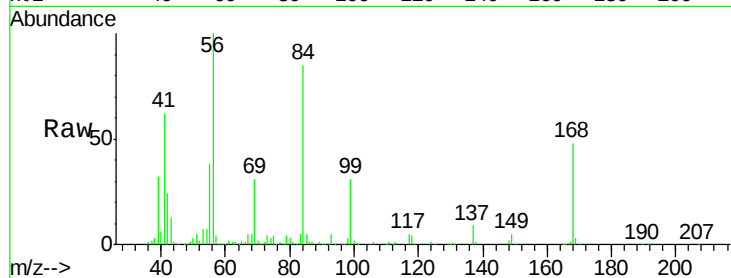
VSTDIC150

Tgt Ion:168 Resp: 480128

Ion Ratio Lower Upper

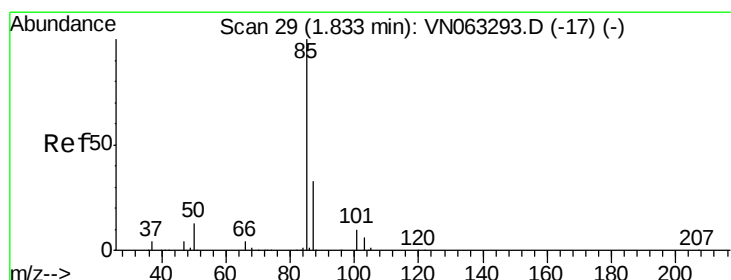
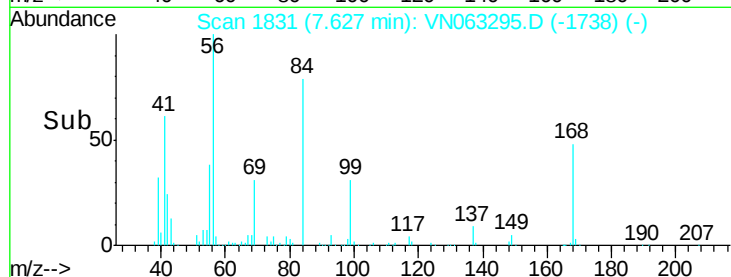
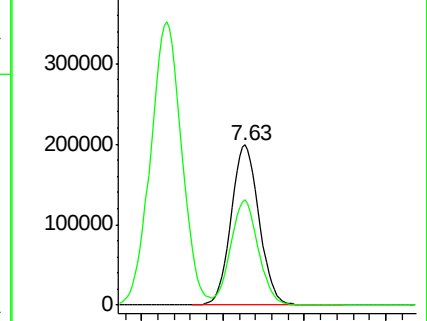
168 100

99 65.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 133.267 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063295.D

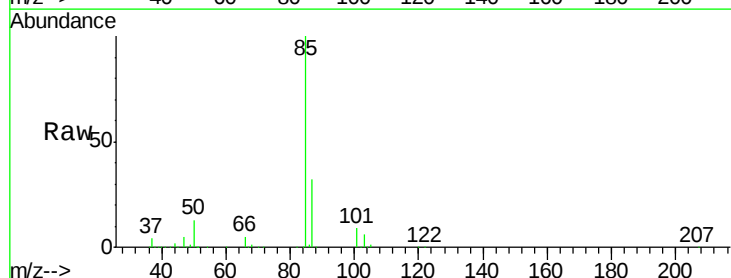
Acq: 10 Sep 2020 14:44

Tgt Ion: 85 Resp: 623901

Ion Ratio Lower Upper

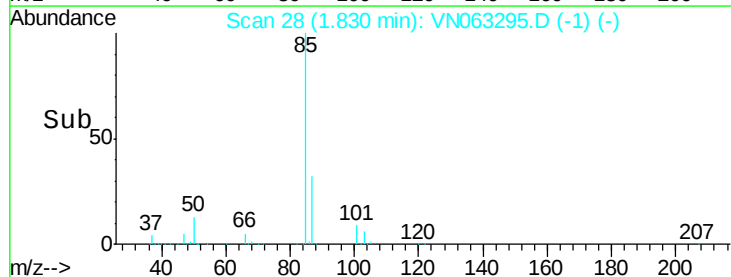
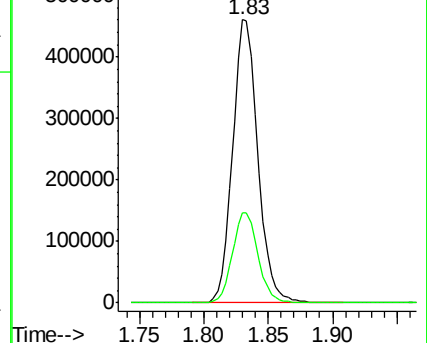
85 100

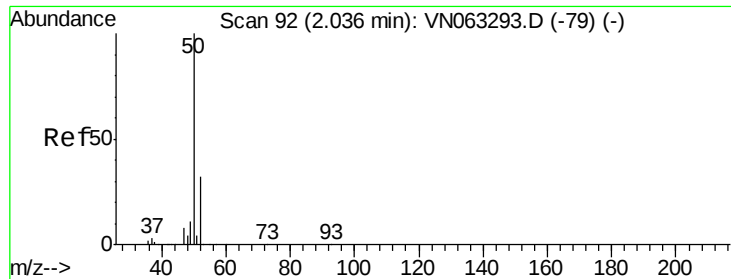
87 31.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 125.987 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

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ClientSampleId :

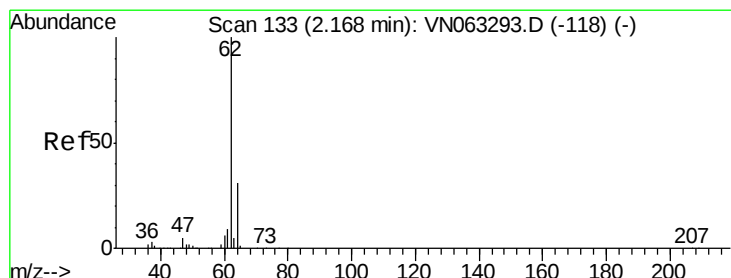
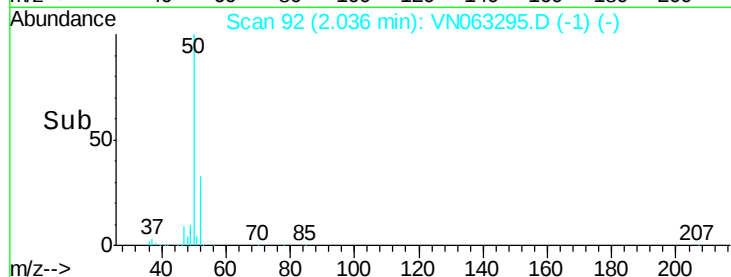
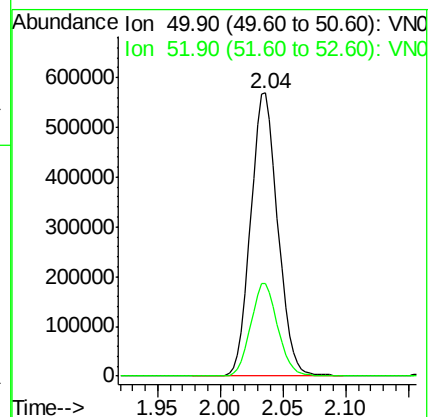
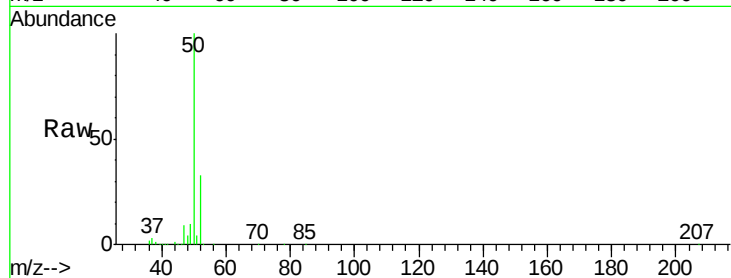
VSTDIC150

Tgt Ion: 50 Resp: 858432

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 123.519 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063295.D

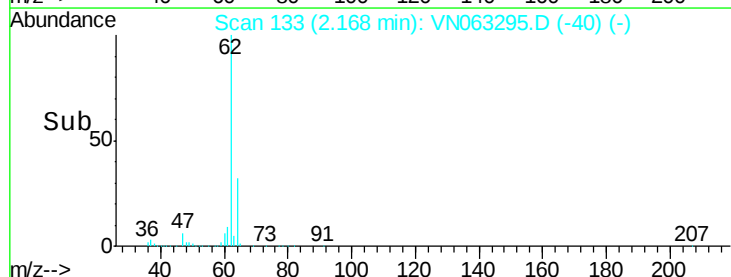
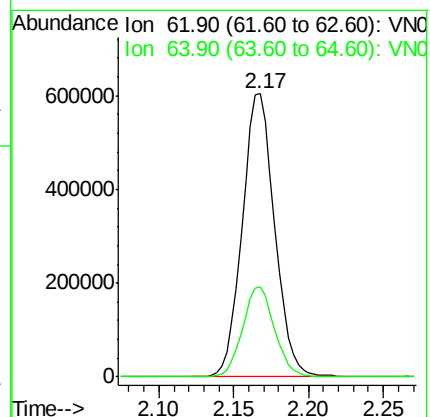
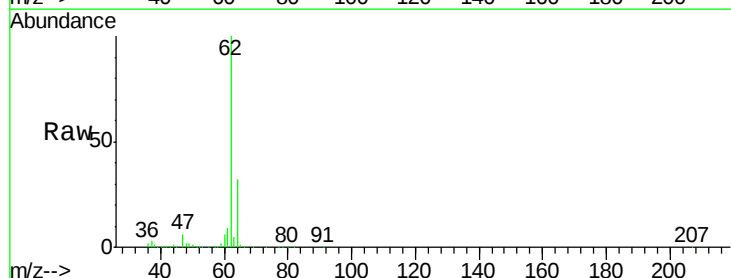
Acq: 10 Sep 2020 14:44

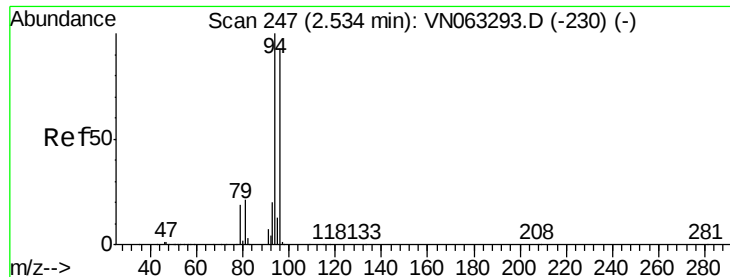
Tgt Ion: 62 Resp: 912170

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0





#5

Bromomethane

Concen: 106.494 ug/l

RT: 2.51 min Scan# 241

Delta R.T. -0.02 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

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ClientSampleId :

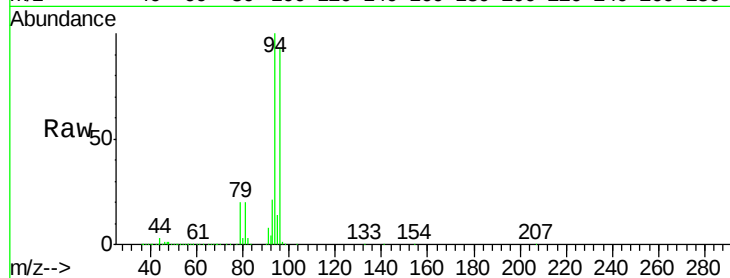
VSTDICC150

Tgt Ion: 94 Resp: 634420

Ion Ratio Lower Upper

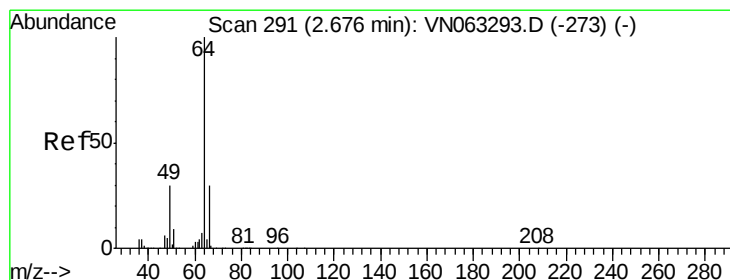
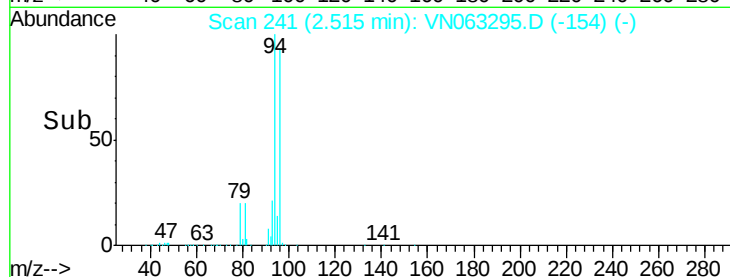
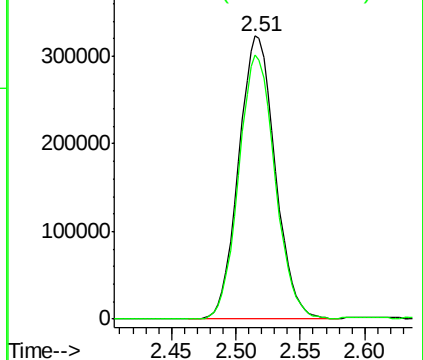
94 100

96 93.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 104.999 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063295.D

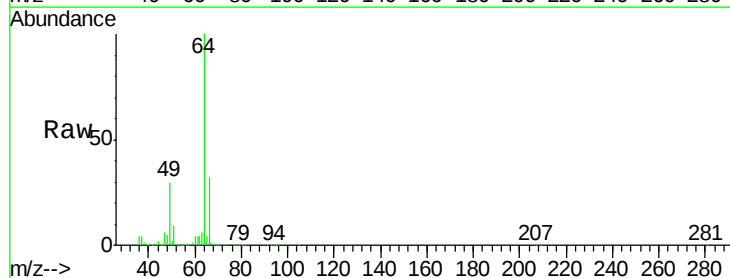
Acq: 10 Sep 2020 14:44

Tgt Ion: 64 Resp: 592842

Ion Ratio Lower Upper

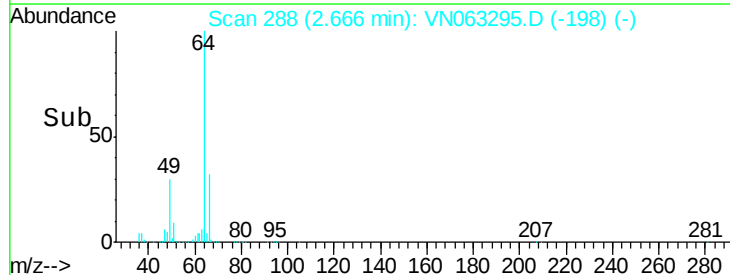
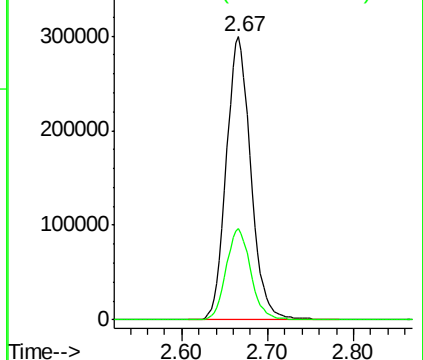
64 100

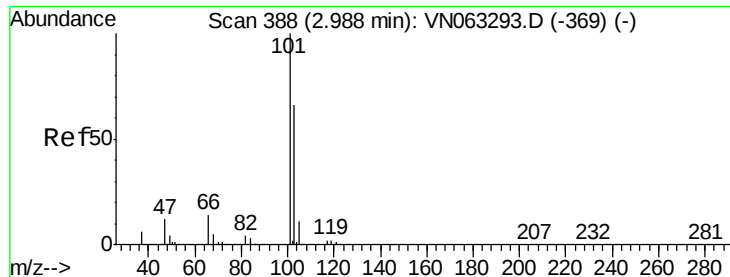
66 32.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



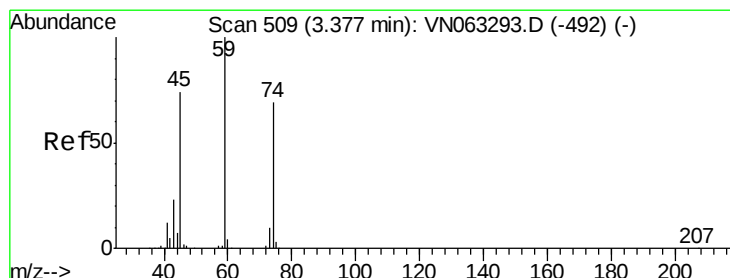
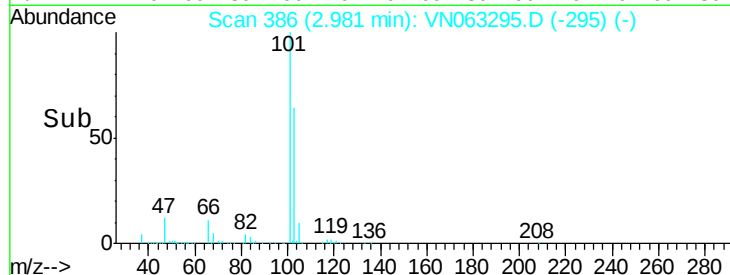
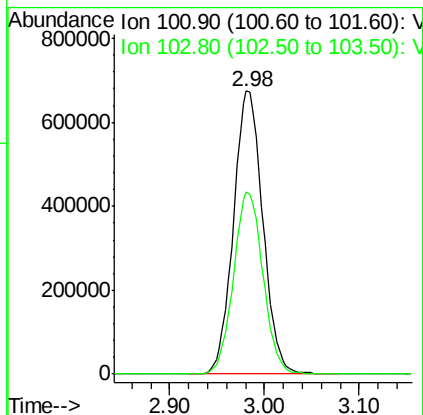
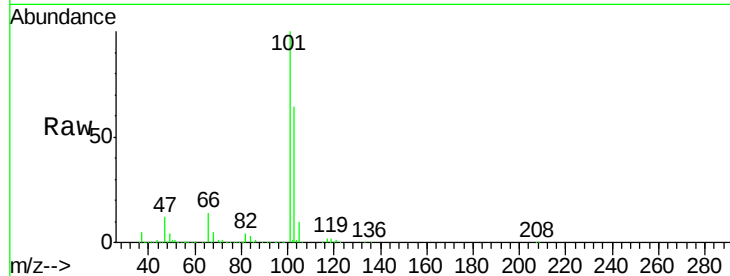


#7

Trichlorofluoromethane
 Concen: 130.613 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
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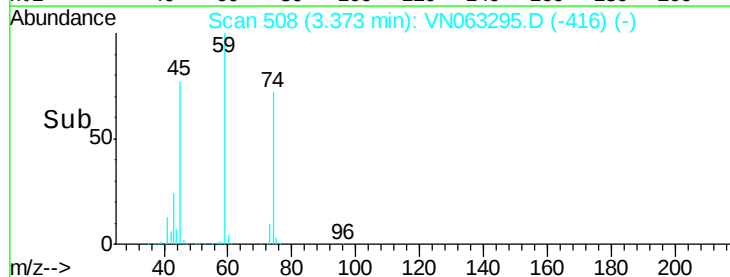
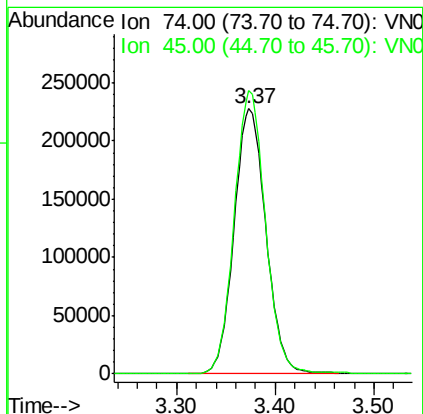
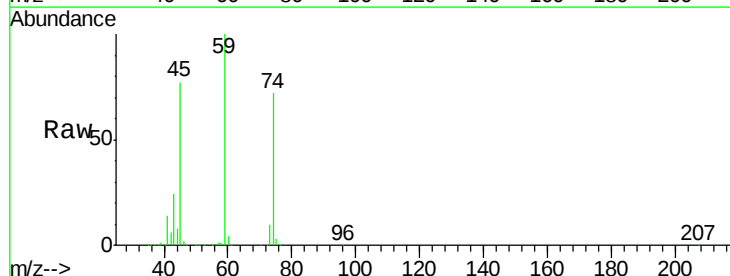
Tgt Ion: 101 Resp: 1456203
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.4 78.6

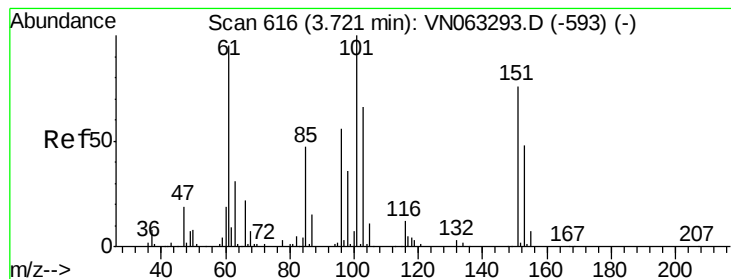


#8

Diethyl Ether
 Concen: 141.477 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 74 Resp: 511081
 Ion Ratio Lower Upper
 74 100
 45 103.8 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.999 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

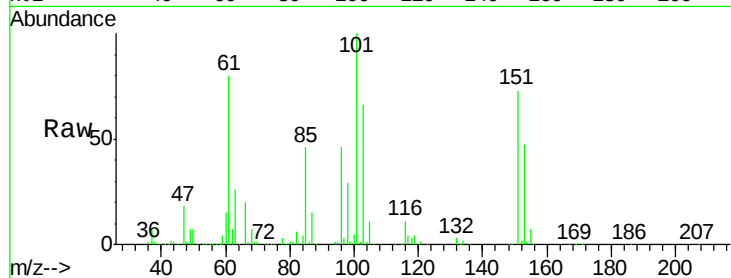
Tgt Ion:101 Resp: 730348

Ion Ratio Lower Upper

101 100

85 46.7 36.9 55.3

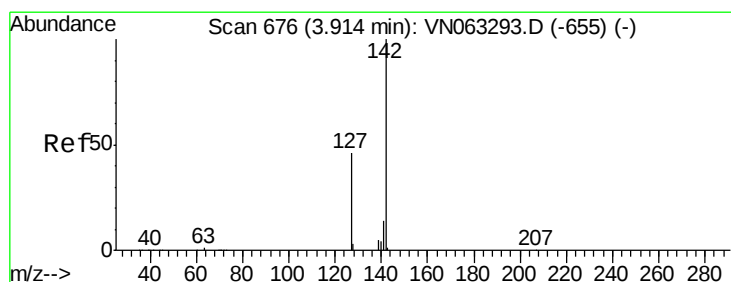
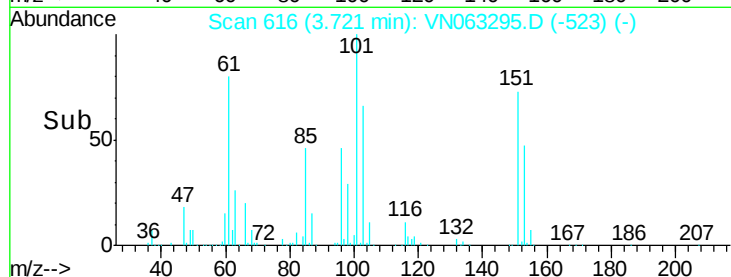
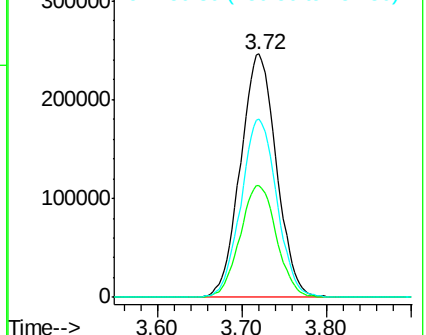
151 73.1 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 151.838 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

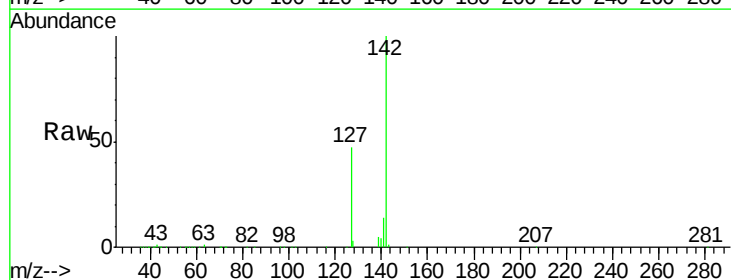
Tgt Ion:142 Resp: 1057976

Ion Ratio Lower Upper

142 100

127 46.4 37.1 55.7

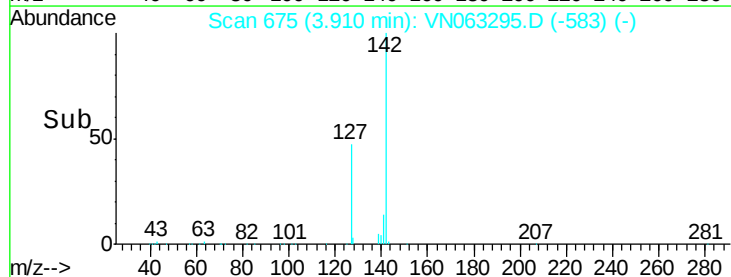
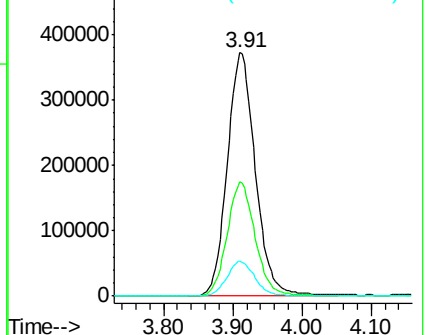
141 14.4 11.6 17.4

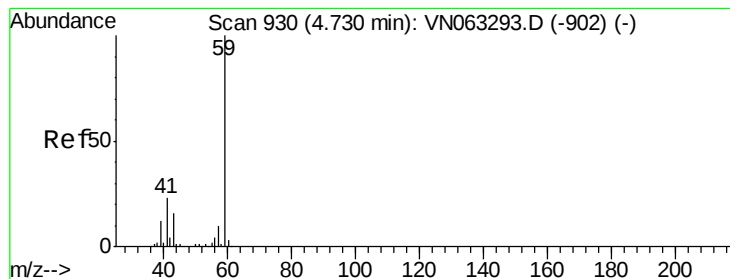


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



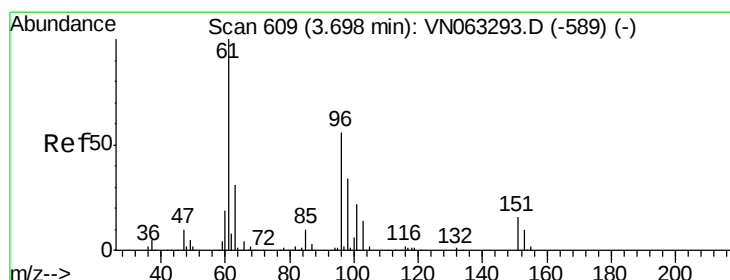
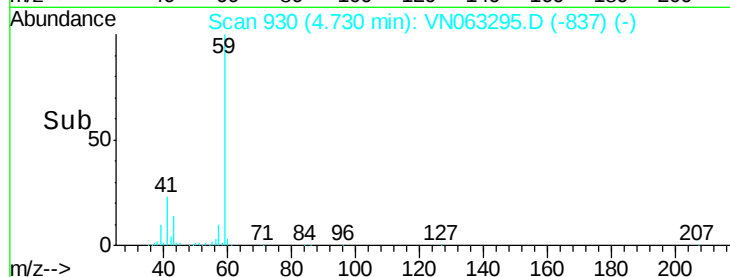
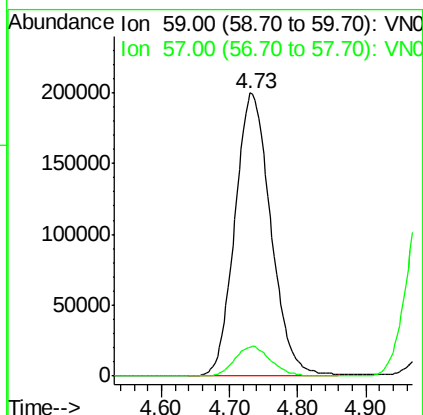
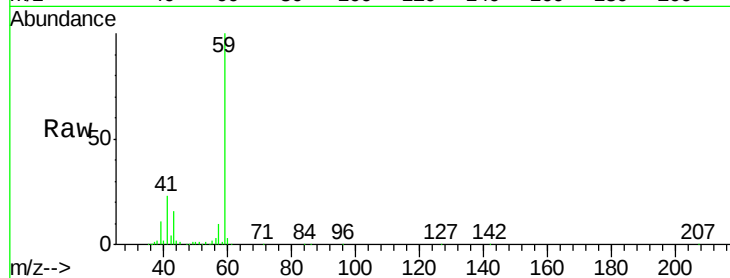


#11

Tert butyl alcohol
 Concen: 767.511 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

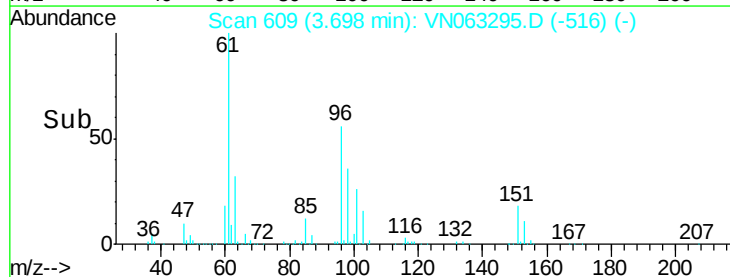
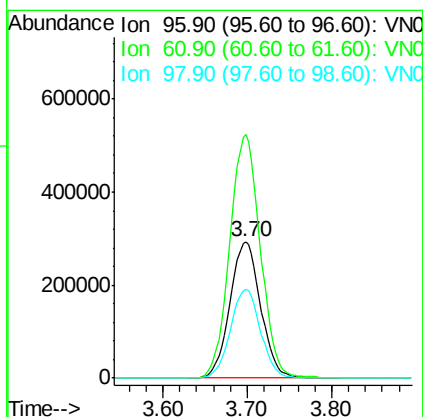
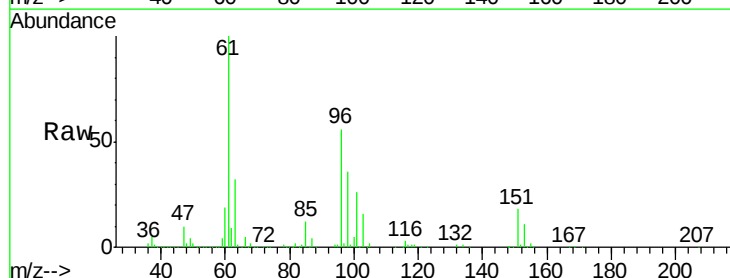
Tgt Ion: 59 Resp: 730216
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

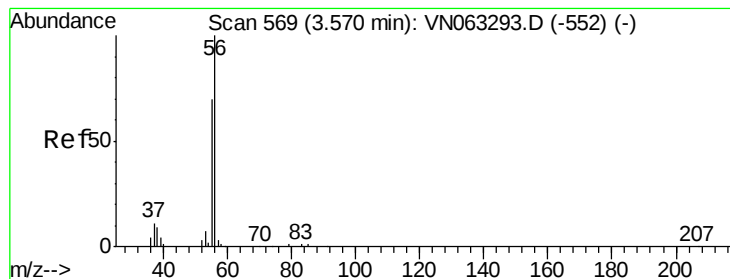


#12

1,1-Dichloroethene
 Concen: 142.846 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 96 Resp: 743152
 Ion Ratio Lower Upper
 96 100
 61 178.5 142.1 213.1
 98 65.1 48.8 73.2





#13

Acrolein

Concen: 1250.951 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

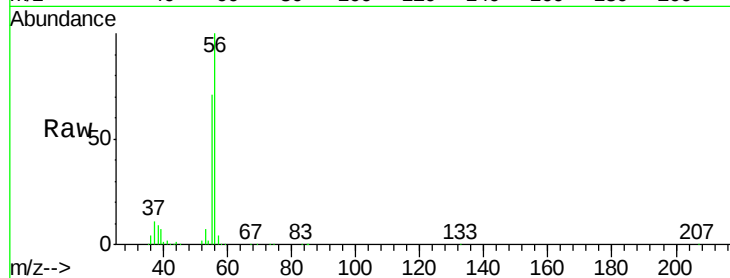
VSTDIC150

Tgt Ion: 56 Resp: 443043

Ion Ratio Lower Upper

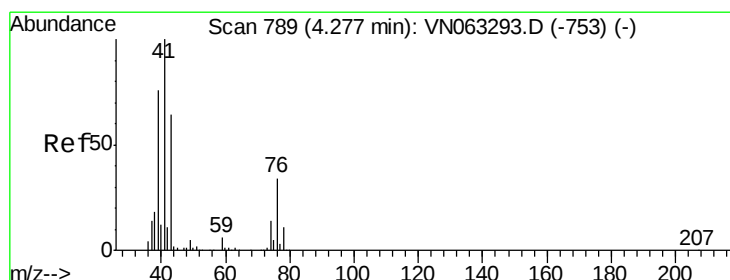
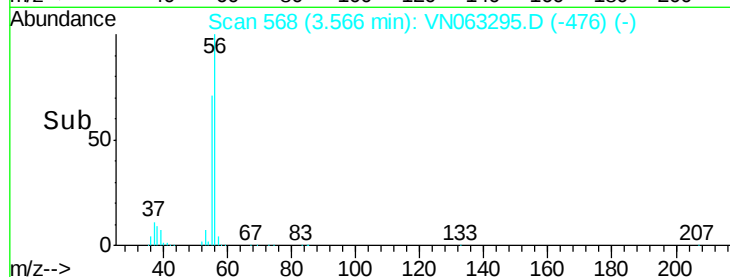
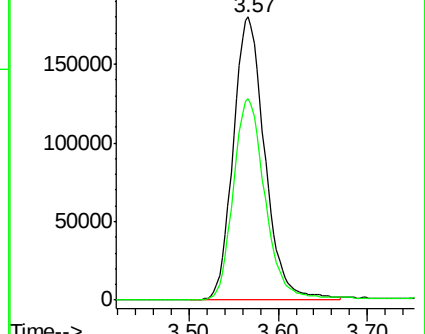
56 100

55 71.6 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN063293.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN063293.D (-552) (-)



#14

Allyl chloride

Concen: 159.134 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

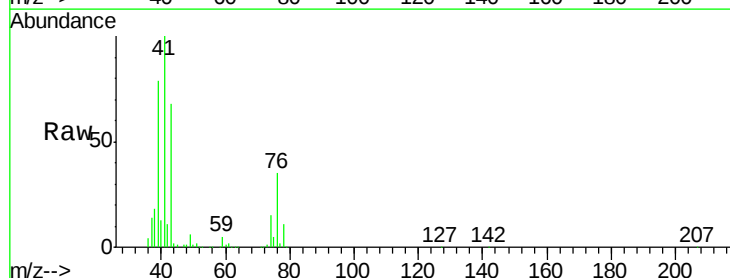
Tgt Ion: 41 Resp: 1491937

Ion Ratio Lower Upper

41 100

39 74.5 57.4 86.2

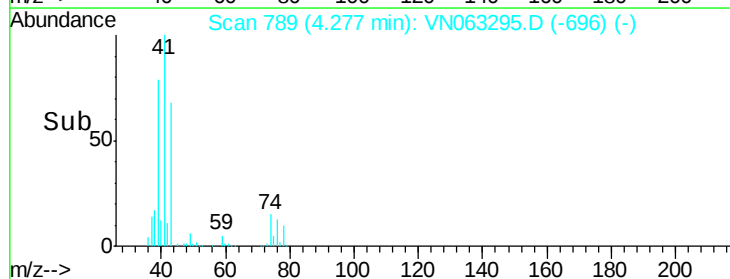
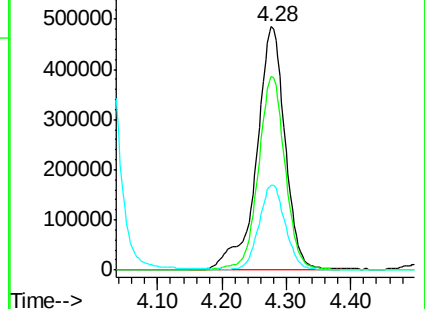
76 31.8 25.7 38.5

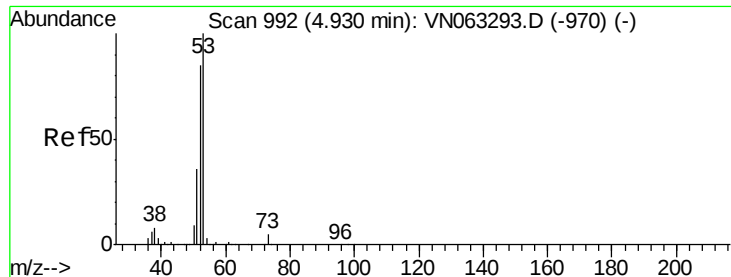


Abundance Ion 41.00 (40.70 to 41.70): VN063293.D (-753) (-)

Ion 39.00 (38.70 to 39.70): VN063293.D (-753) (-)

Ion 75.90 (75.60 to 76.60): VN063293.D (-753) (-)





#15

Acrylonitrile

Concen: 825.509 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

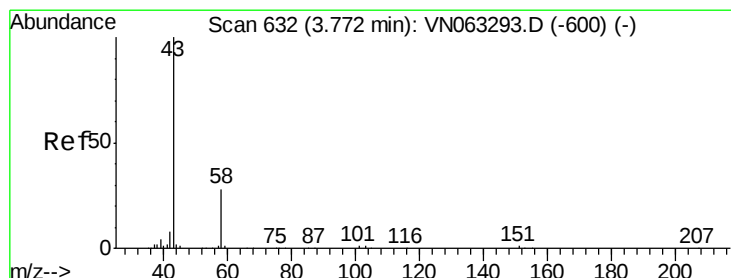
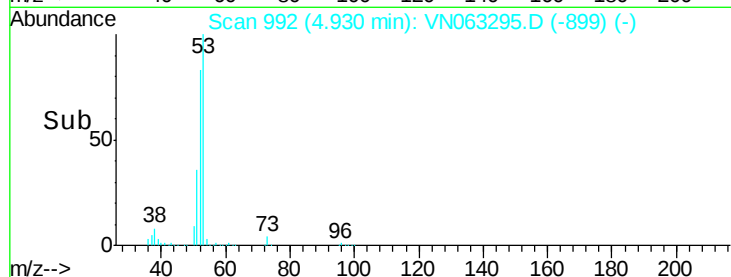
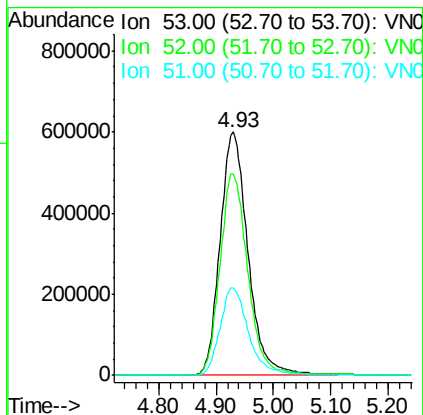
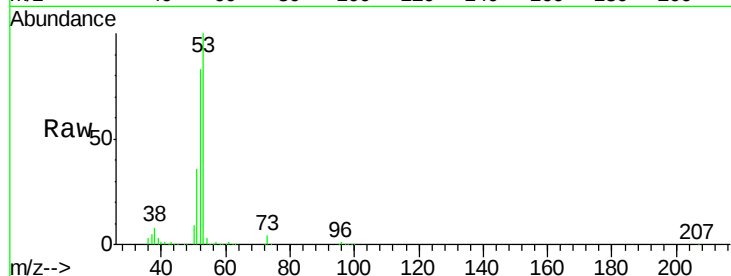
Tgt Ion: 53 Resp: 2031308

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

51 36.9 29.8 44.6



#16

Acetone

Concen: 788.708 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063295.D

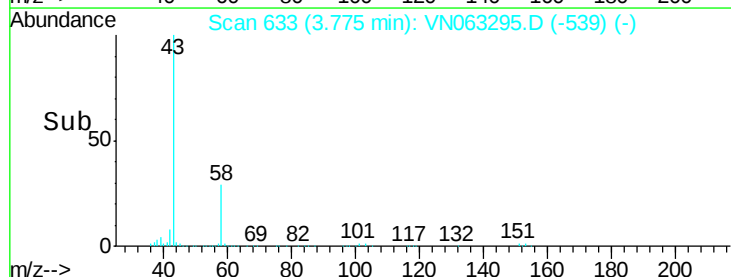
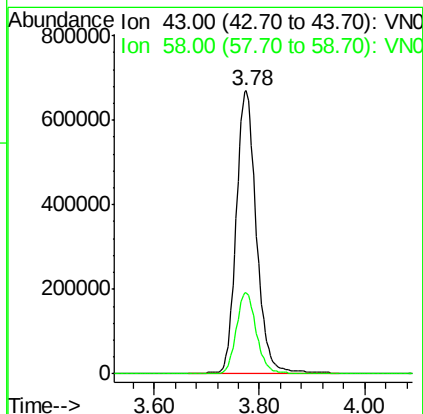
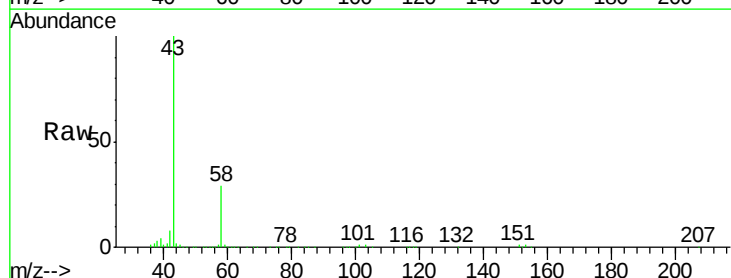
Acq: 10 Sep 2020 14:44

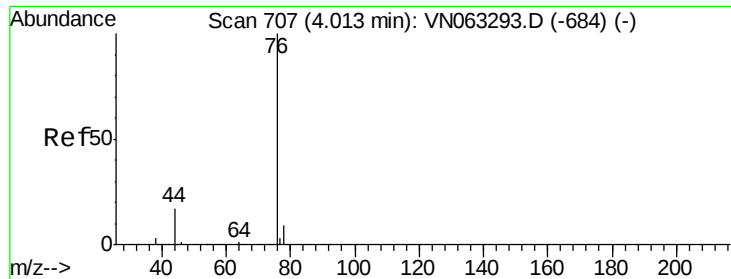
Tgt Ion: 43 Resp: 1770457

Ion Ratio Lower Upper

43 100

58 28.7 22.6 34.0

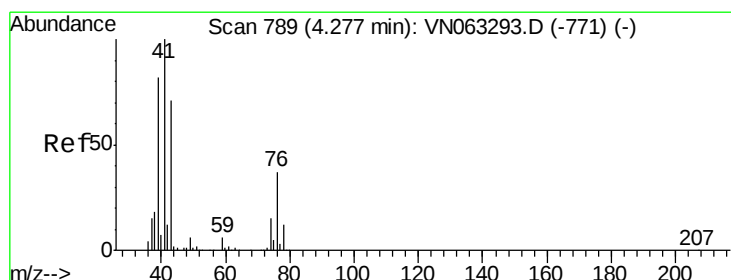
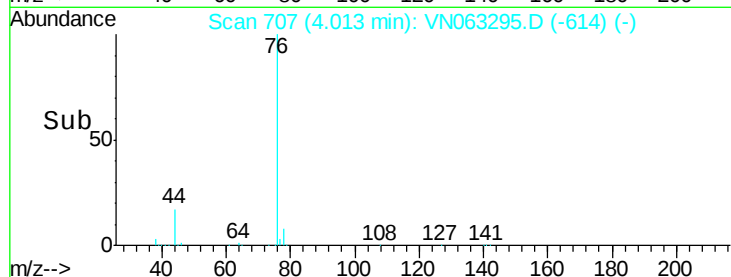
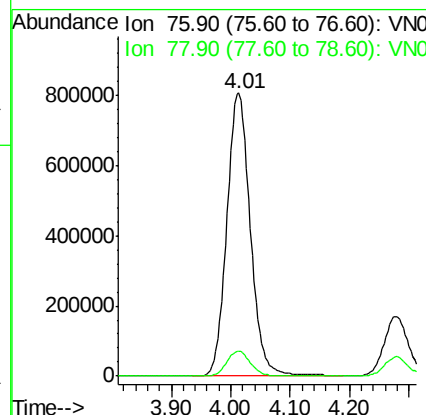
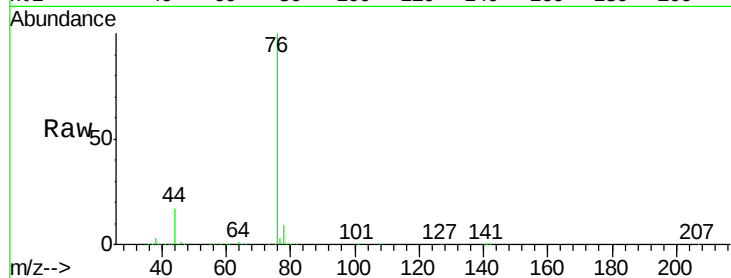




#17
Carbon Disulfide
Concen: 142.509 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

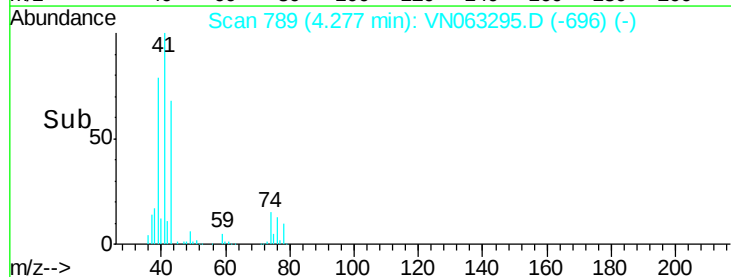
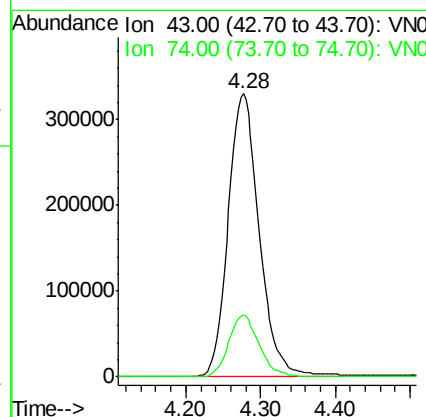
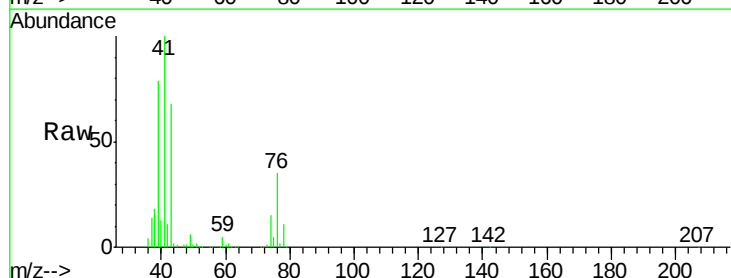
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

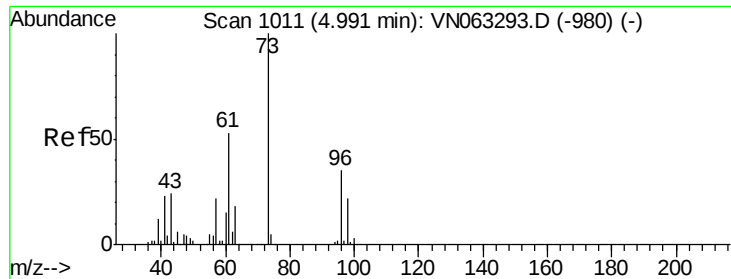
Tgt Ion: 76 Resp: 2210872
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 164.773 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 43 Resp: 942978
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.6

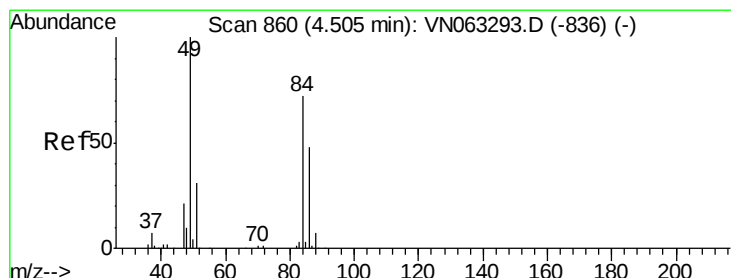
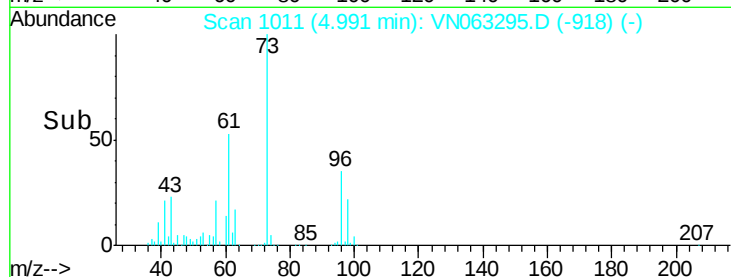
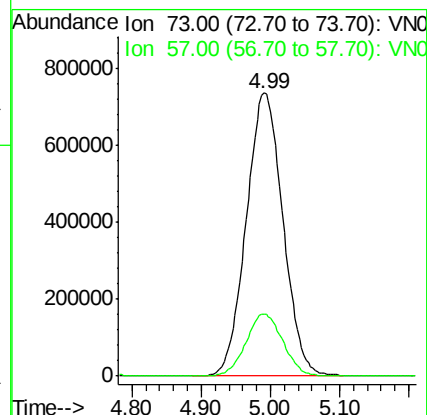
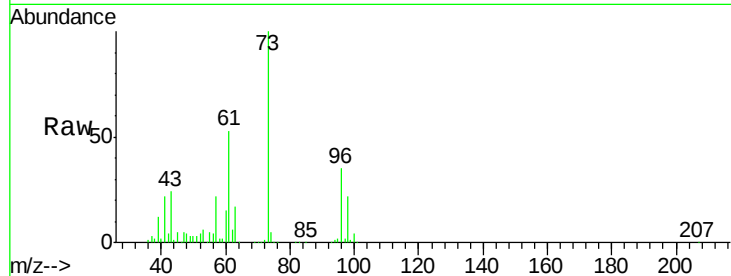




#19
Methyl tert-butyl Ether
Concen: 141.288 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

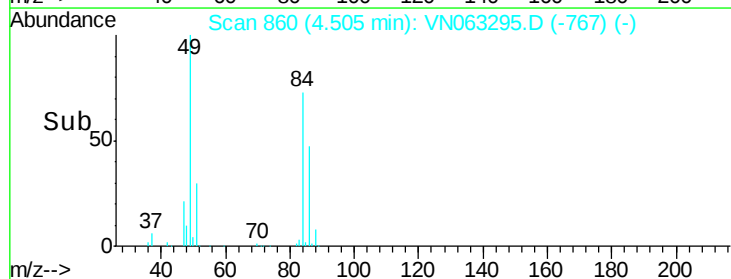
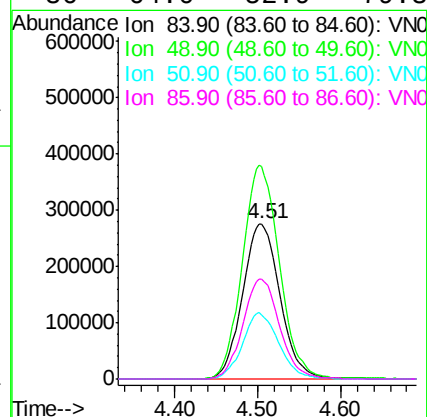
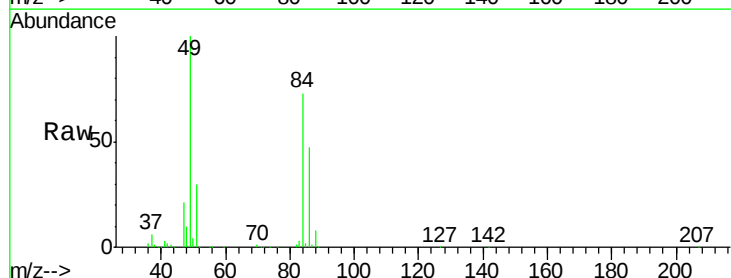
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

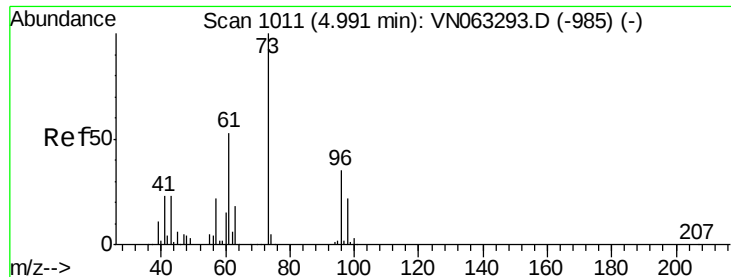
Tgt Ion: 73 Resp: 2710062
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 129.838 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 84 Resp: 865550
Ion Ratio Lower Upper
84 100
49 136.4 111.1 166.7
51 41.4 34.3 51.5
86 64.0 52.9 79.3

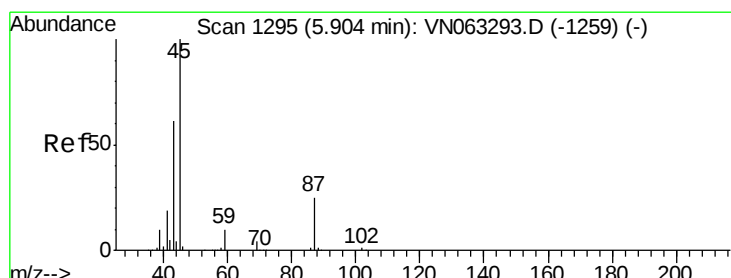
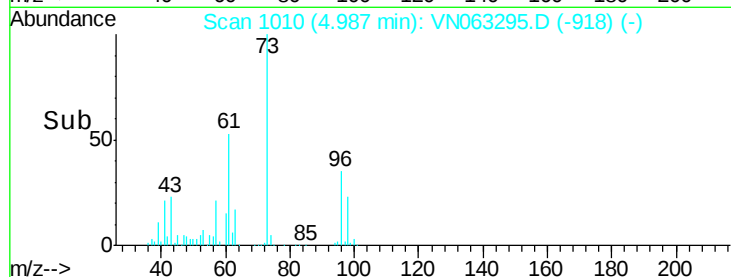
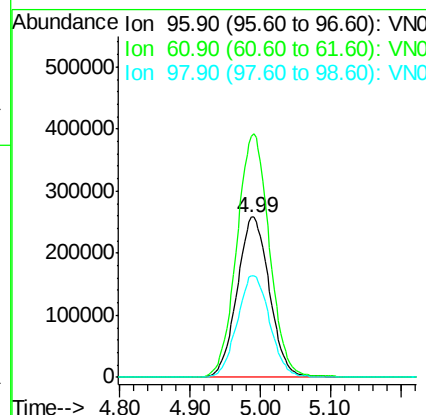
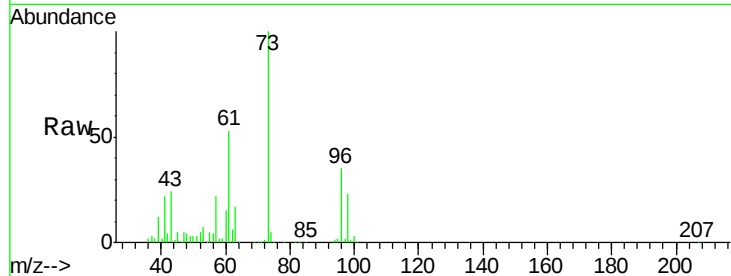




#21
trans-1,2-Dichloroethene
Concen: 144.713 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

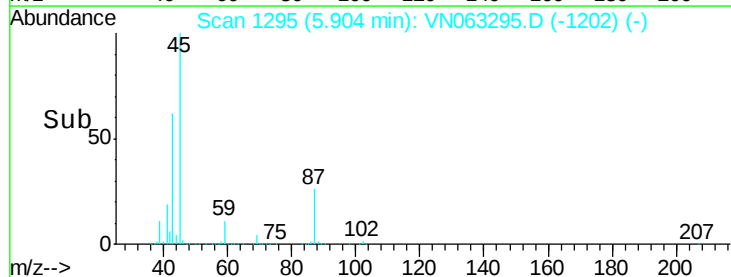
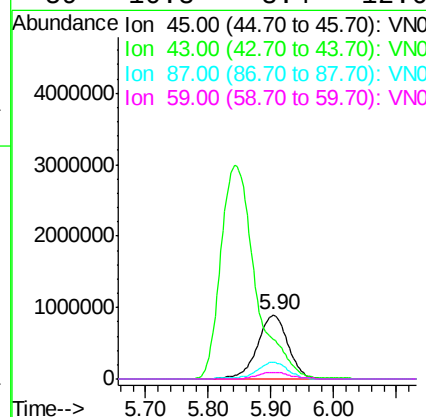
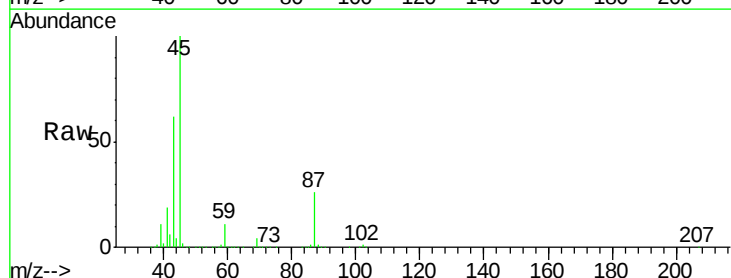
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

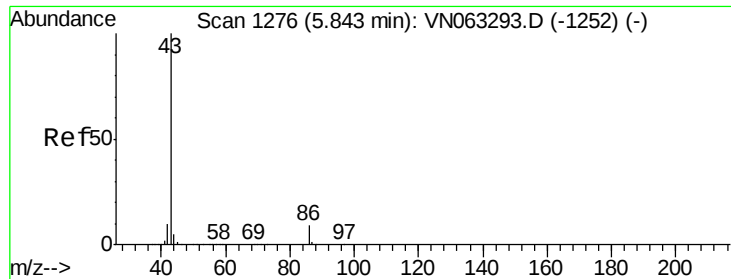
Tgt Ion: 96 Resp: 826986
Ion Ratio Lower Upper
96 100
61 150.3 121.8 182.8
98 63.6 51.2 76.8



#22
Diisopropyl ether
Concen: 146.666 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 45 Resp: 3048312
Ion Ratio Lower Upper
45 100
43 61.4 50.3 75.5
87 26.1 20.7 31.1
59 10.8 8.4 12.6

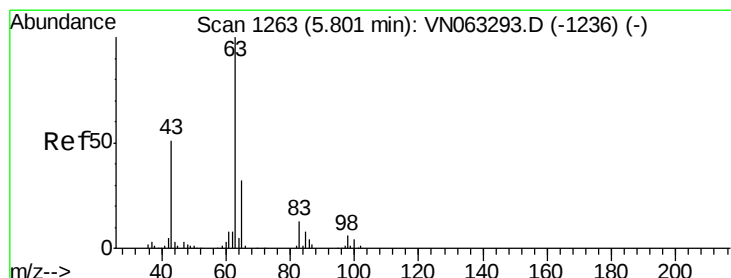
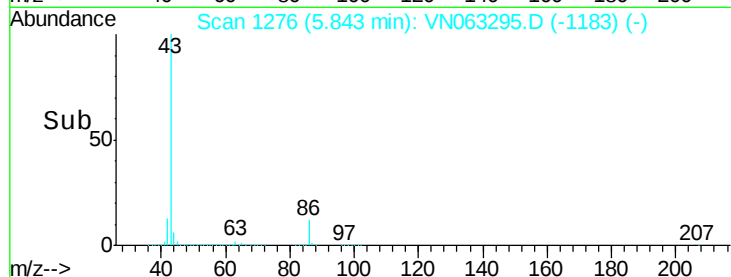
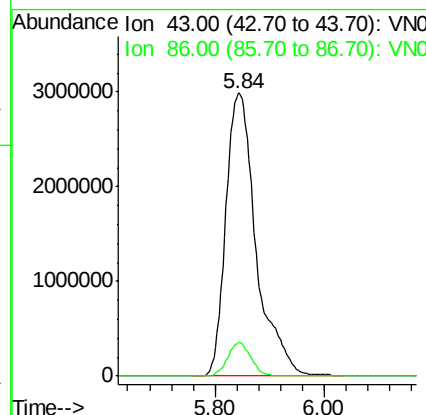
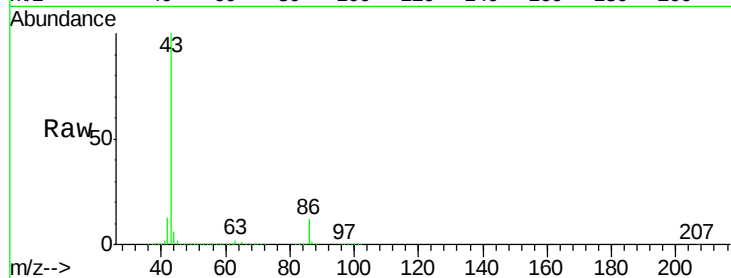




#23
 Vinyl Acetate
 Concen: 697.333 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

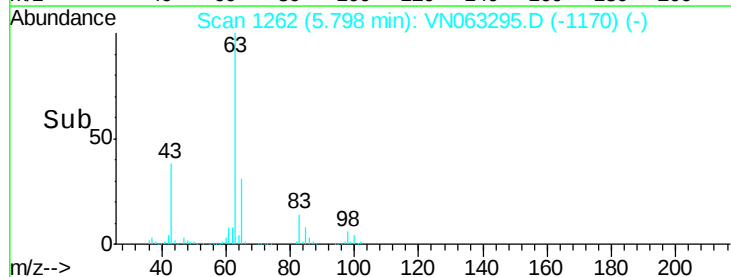
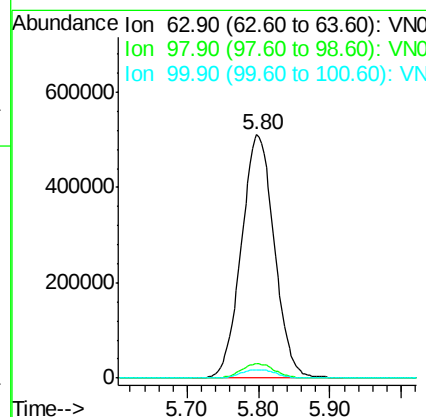
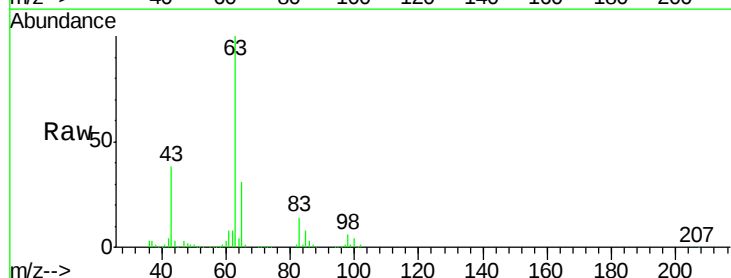
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

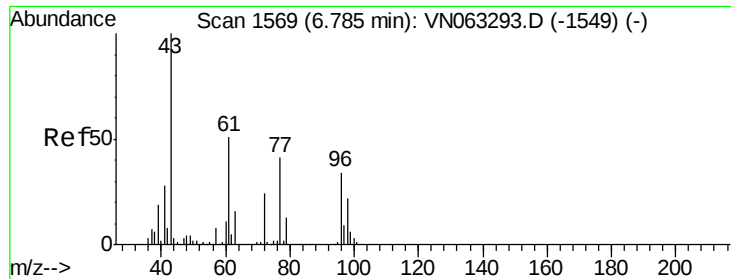
Tgt Ion: 43 Resp:11530499
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.2 10.8#



#24
 1,1-Dichloroethane
 Concen: 143.770 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 63 Resp: 1639964
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.3
 100 3.5 2.0 6.0

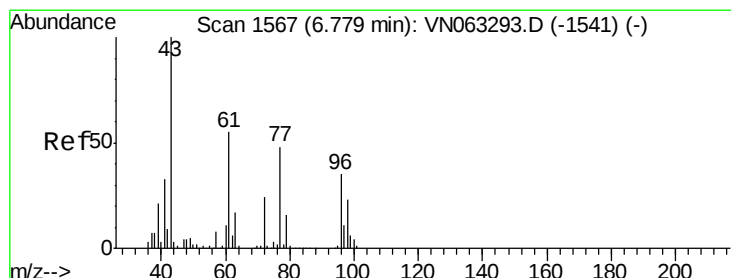
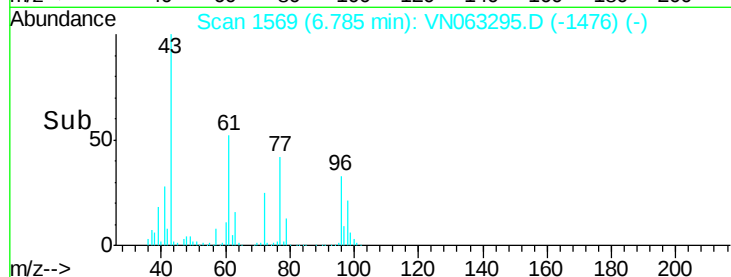
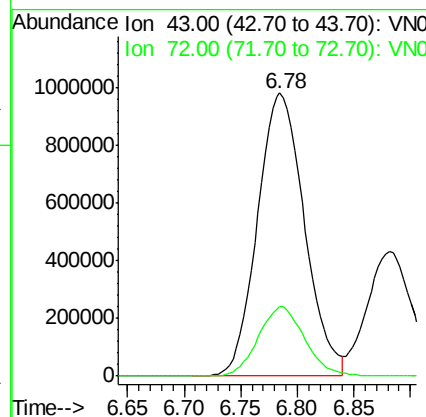
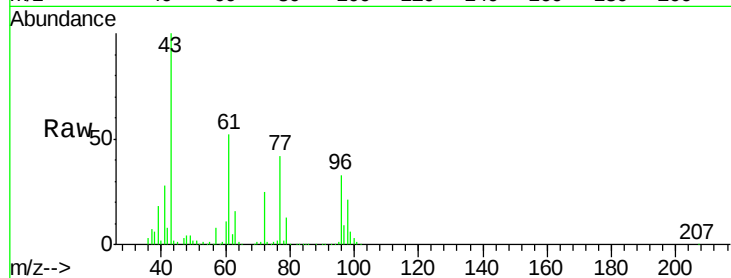




#25
2-Butanone
Concen: 816.255 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

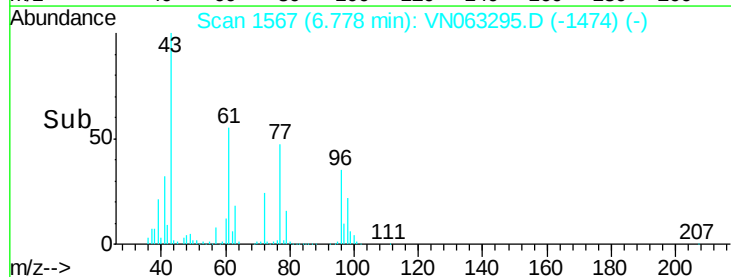
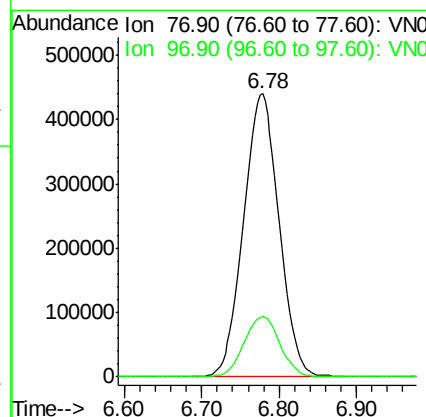
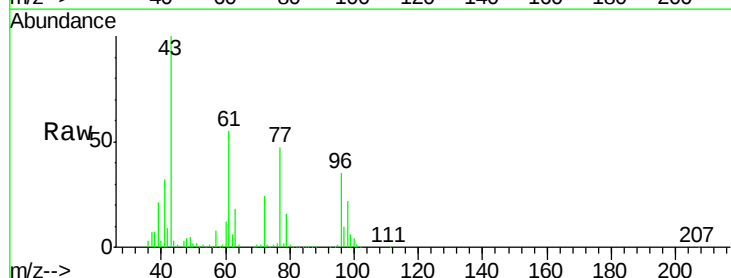
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

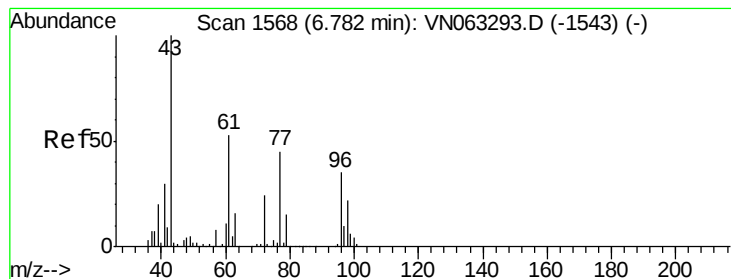
Tgt Ion: 43 Resp: 2816567
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2



#26
2,2-Dichloropropane
Concen: 135.903 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 77 Resp: 1407043
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 138.422 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

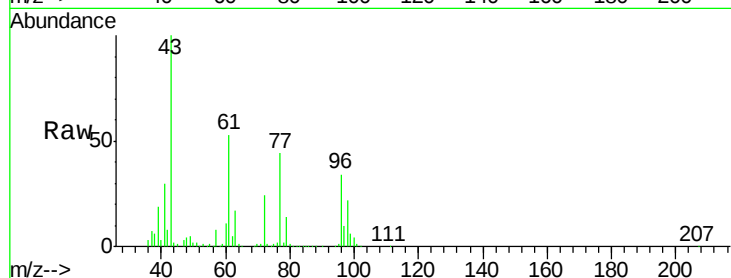
Tgt Ion: 96 Resp: 961511

Ion Ratio Lower Upper

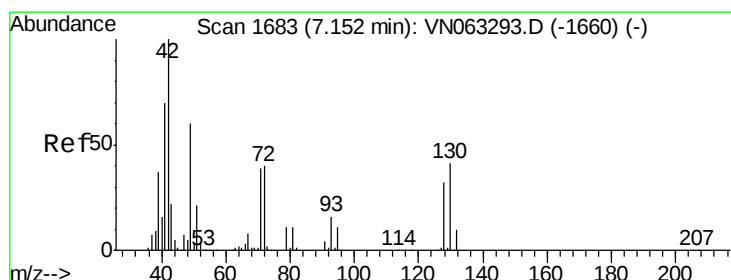
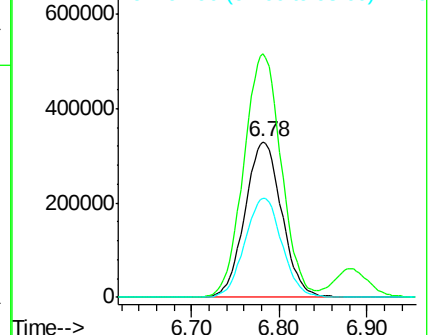
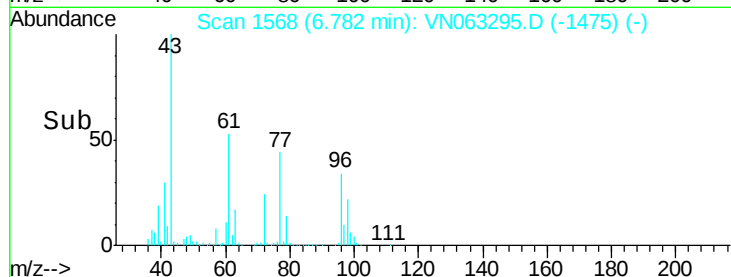
96 100

61 159.3 0.0 322.8

98 64.5 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN063295.D (-1475) (-)



#28

Bromochloromethane

Concen: 140.124 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

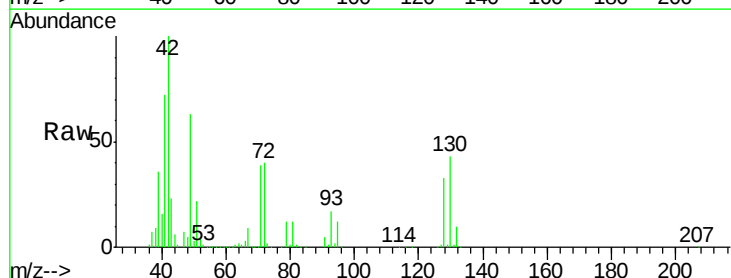
Tgt Ion: 49 Resp: 818340

Ion Ratio Lower Upper

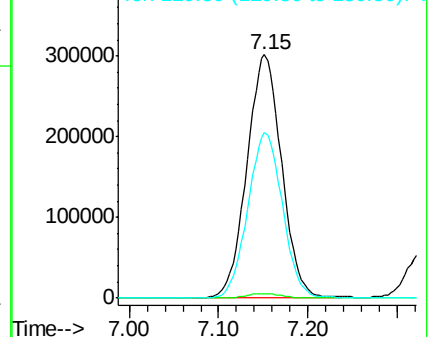
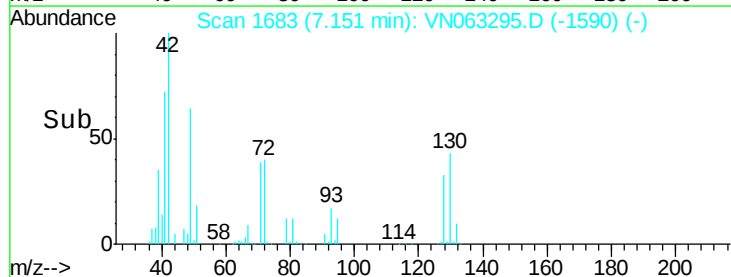
49 100

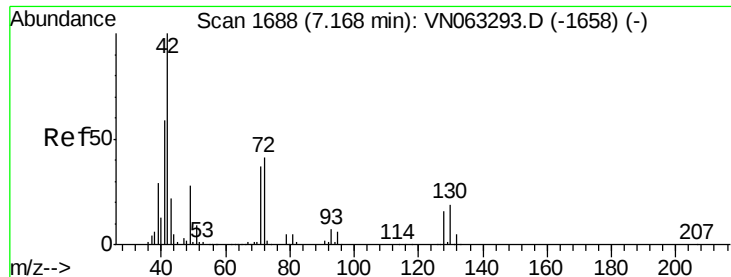
129 1.9 0.0 3.4

130 67.9 53.1 79.7



Abundance Ion 48.90 (48.60 to 49.60): VN063295.D (-1590) (-)

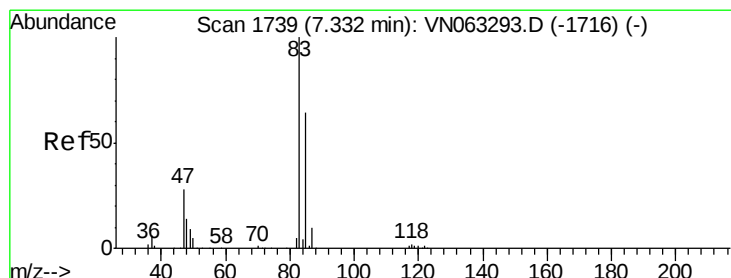
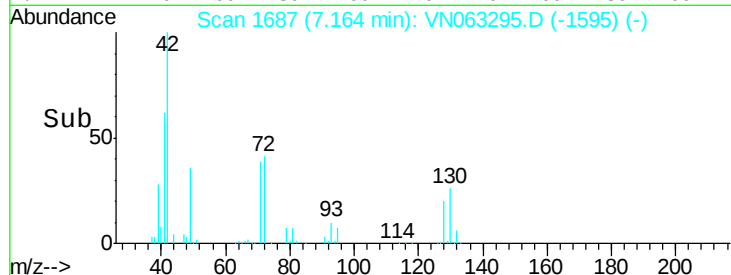
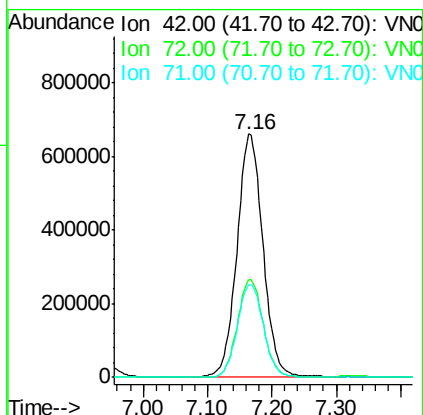
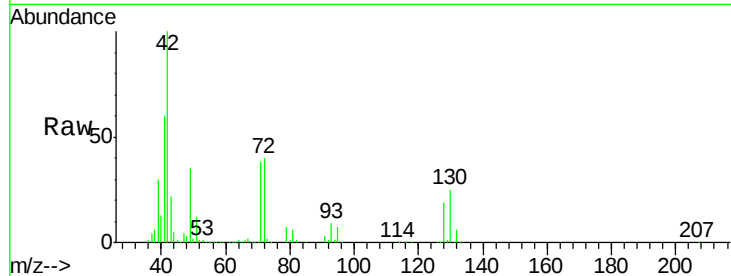




#29
Tetrahydrofuran
Concen: 780.531 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

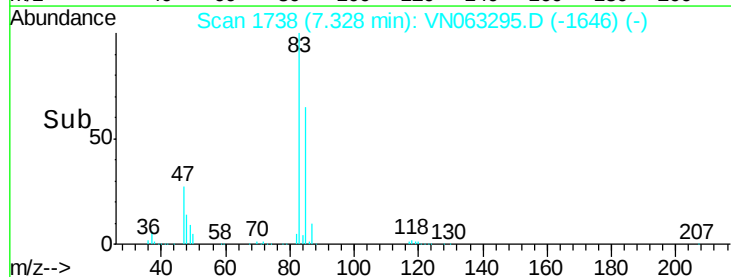
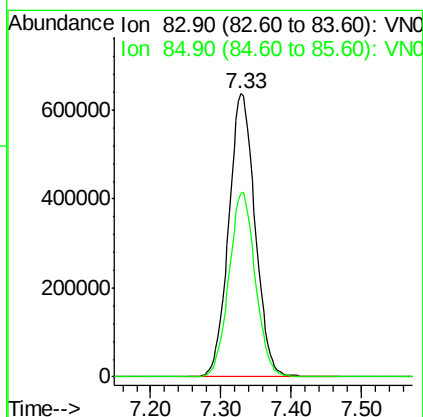
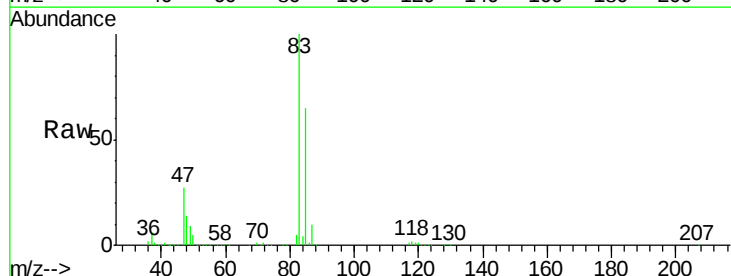
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

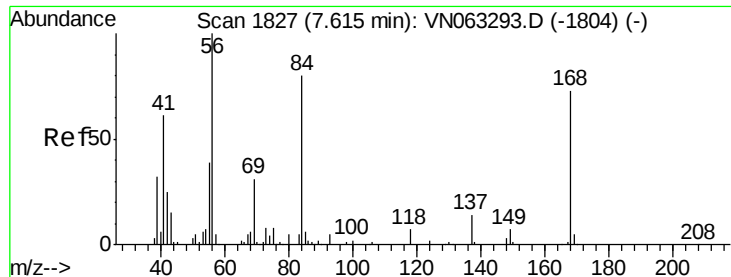
Tgt Ion: 42 Resp: 1854416
Ion Ratio Lower Upper
42 100
72 39.9 31.4 47.2
71 38.3 30.0 45.0



#30
Chloroform
Concen: 140.332 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 83 Resp: 1668365
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8

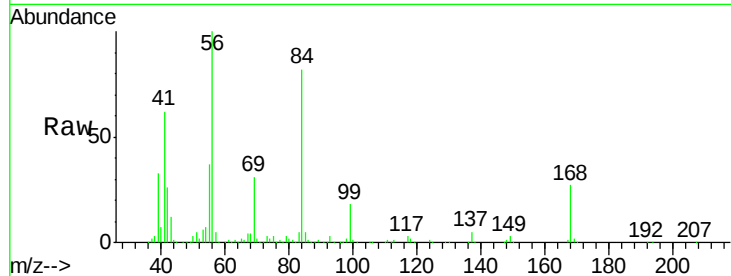




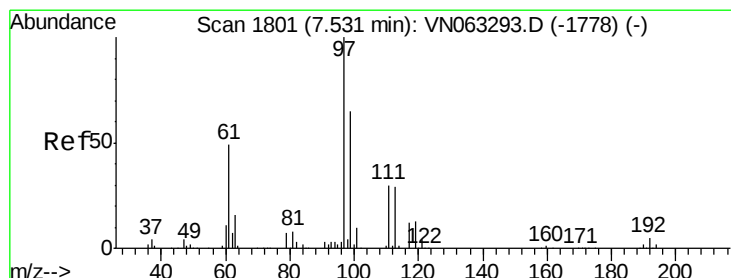
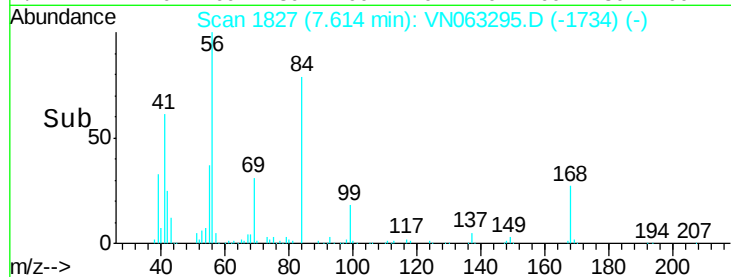
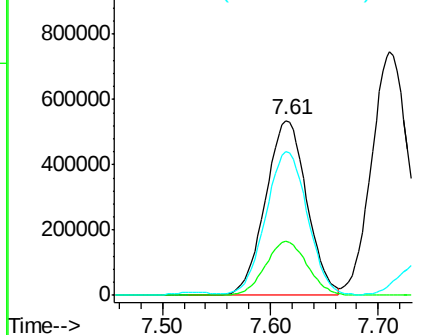
#31
Cyclohexane
Concen: 132.498 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 1420467
Ion Ratio Lower Upper
56 100
69 30.7 25.1 37.7
84 80.4 64.2 96.2

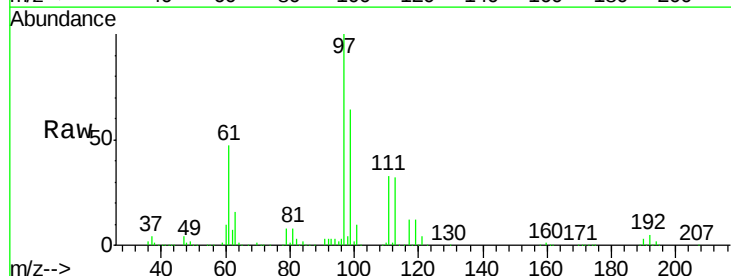


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

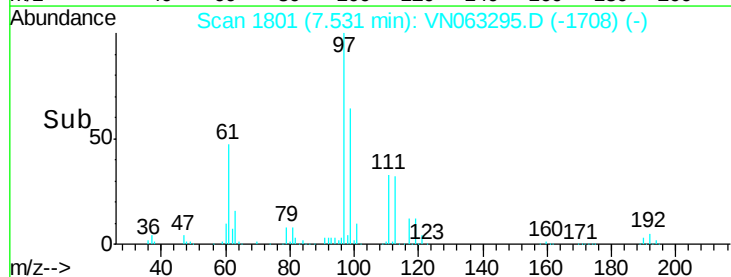
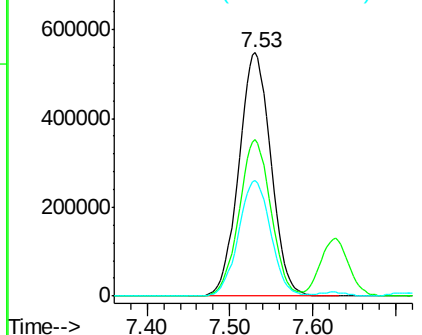


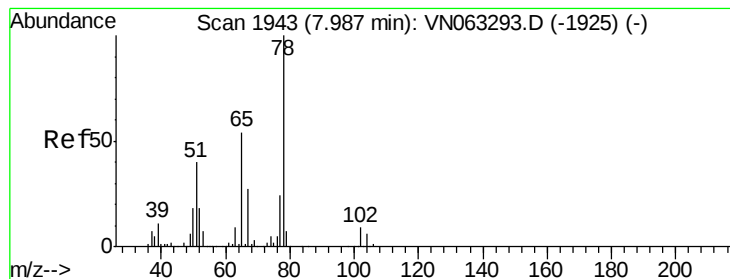
#32
1,1,1-Trichloroethane
Concen: 144.059 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 97 Resp: 1471380
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 47.6 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 150.600 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

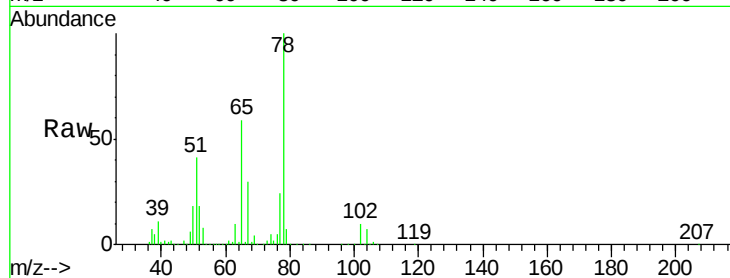
VSTDIC150

Tgt Ion: 65 Resp: 1157578

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN063295.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063295.D (-1850) (-)

7.99

500000

400000

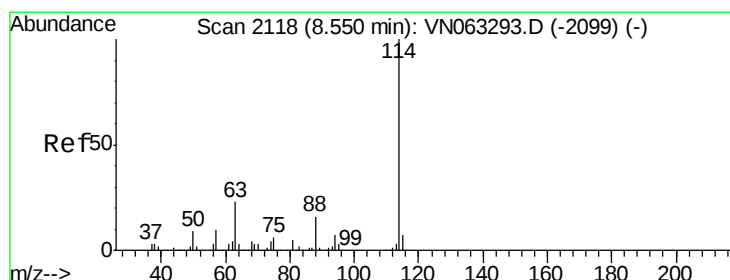
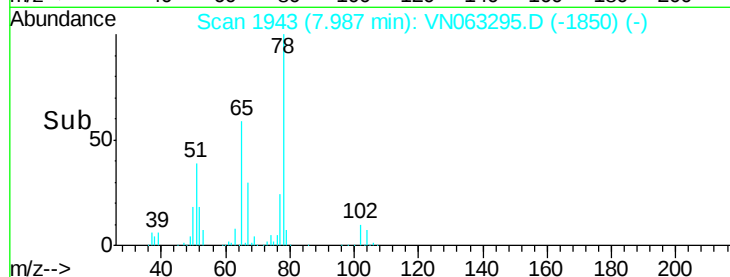
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

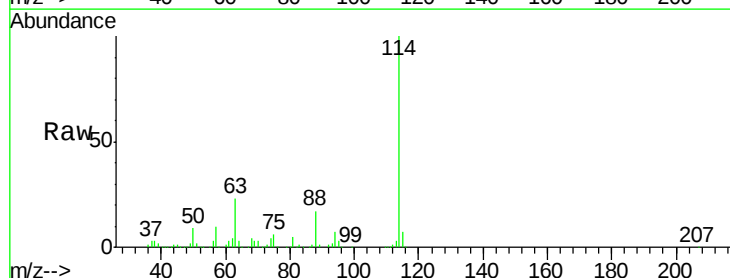
Tgt Ion: 114 Resp: 849418

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.0

88 16.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN063295.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063295.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063295.D (-2025) (-)

8.55

500000

400000

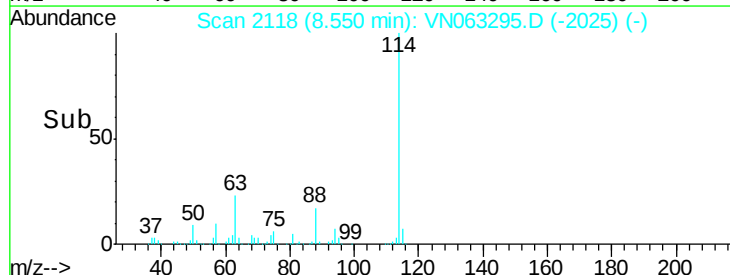
300000

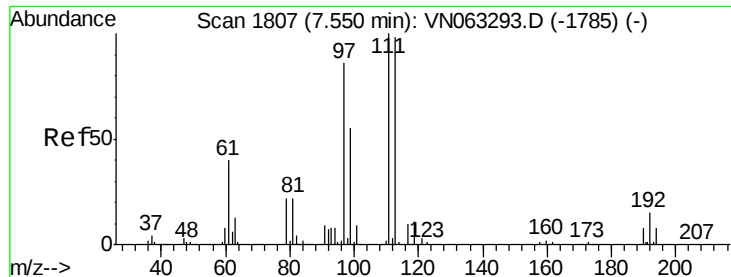
200000

100000

0

Time-->

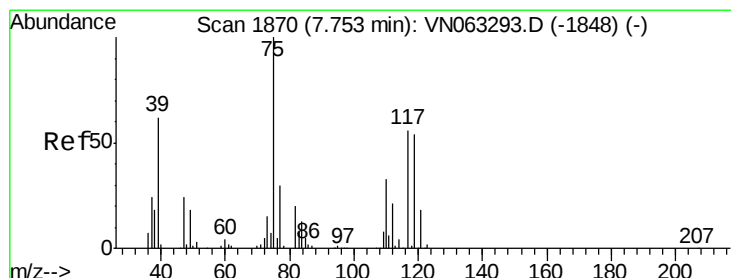
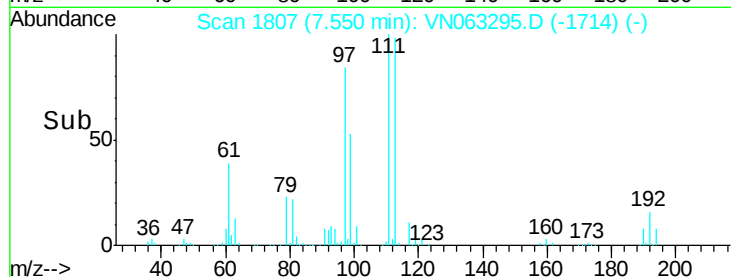
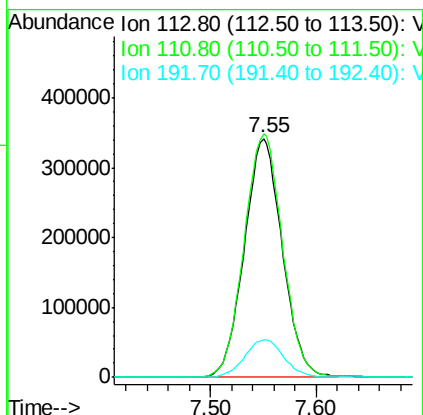
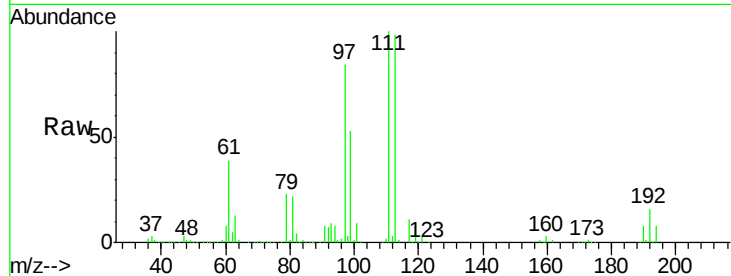




#35
 Dibromofluoromethane
 Concen: 158.013 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

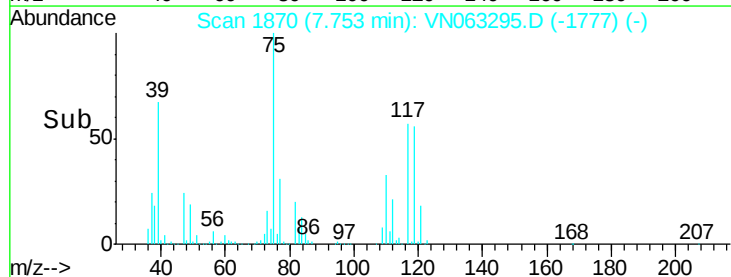
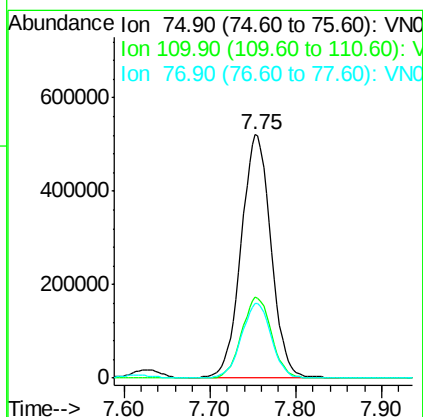
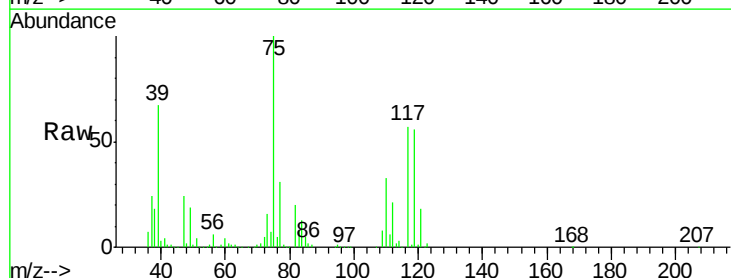
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

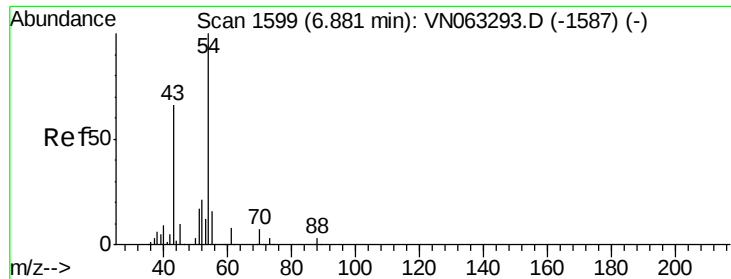
Tgt Ion: 113 Resp: 853687
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 16.4 12.9 19.3



#36
 1,1-Dichloropropene
 Concen: 153.459 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 75 Resp: 1253981
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.4 49.4
 77 30.7 24.8 37.2

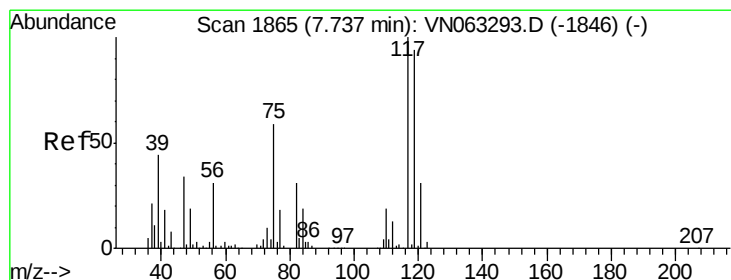
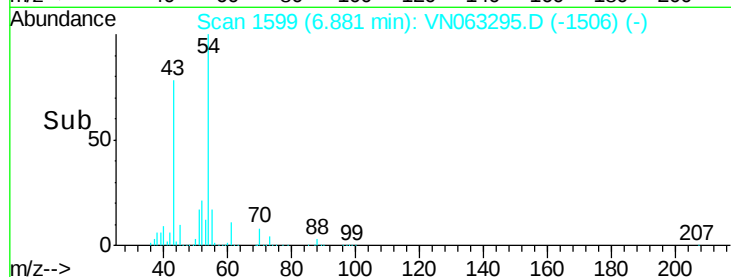
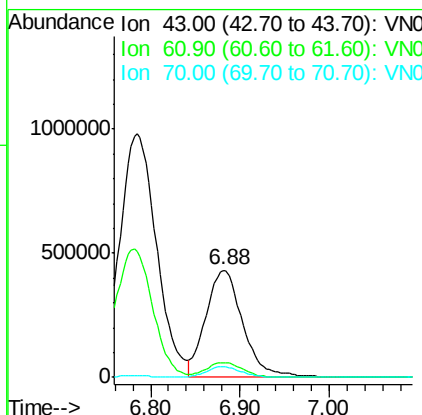
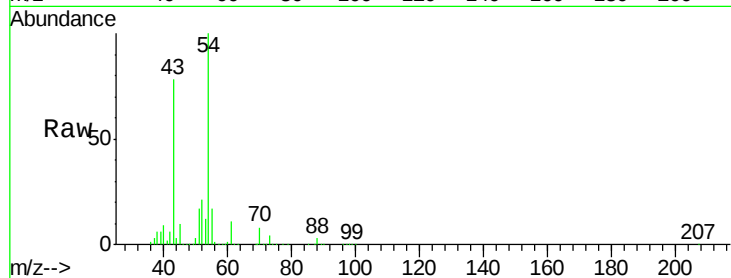




#37
Ethyl Acetate
Concen: 174.889 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

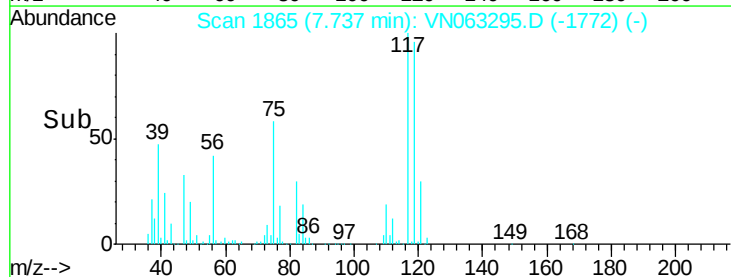
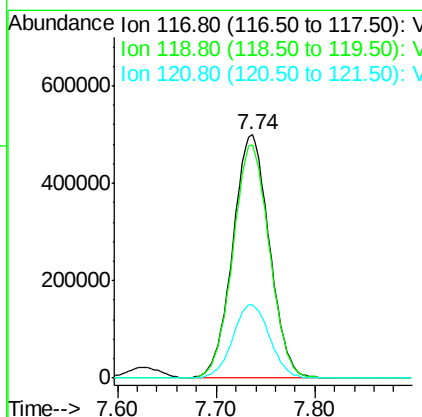
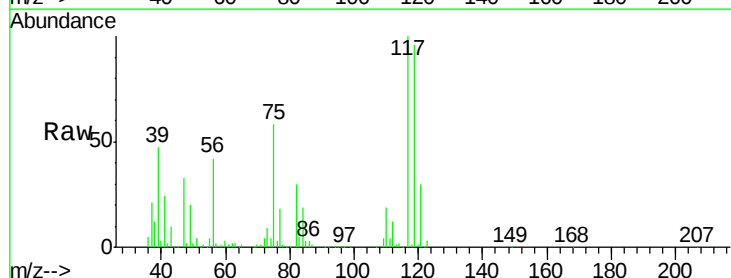
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

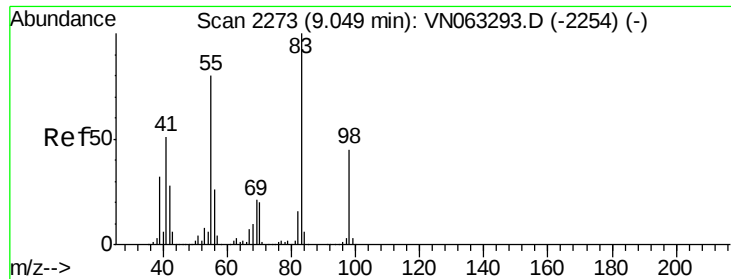
Tgt Ion: 43 Resp: 1224017
Ion Ratio Lower Upper
43 100
61 13.3 10.1 15.1
70 9.6 7.4 11.2



#38
Carbon Tetrachloride
Concen: 155.096 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 117 Resp: 1281241
Ion Ratio Lower Upper
117 100
119 95.8 75.3 112.9
121 30.3 24.6 37.0

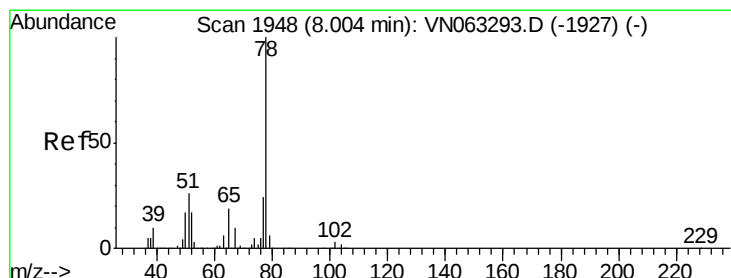
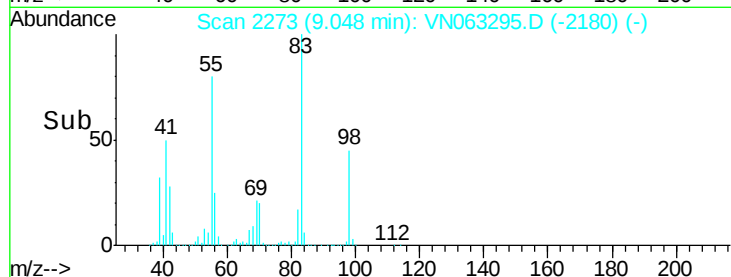
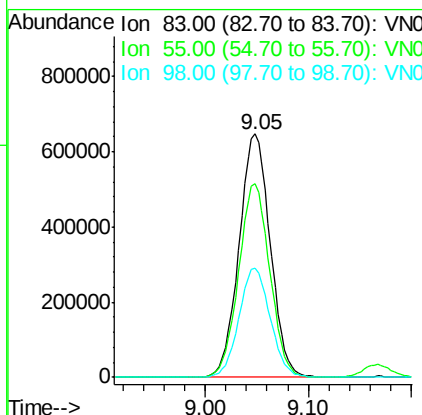
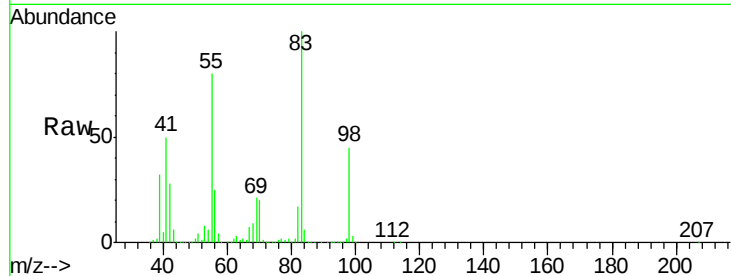




#39
Methylcyclohexane
Concen: 148.984 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

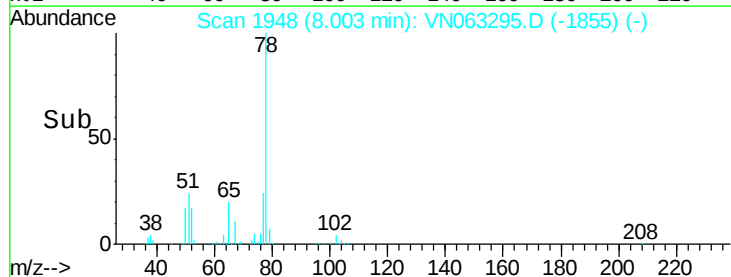
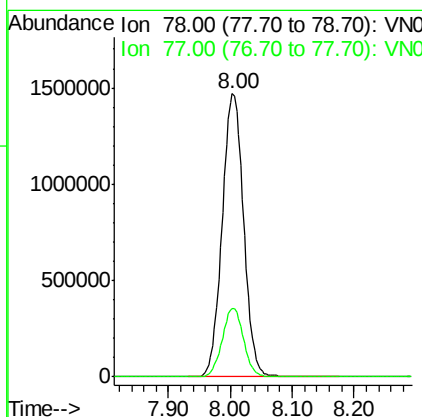
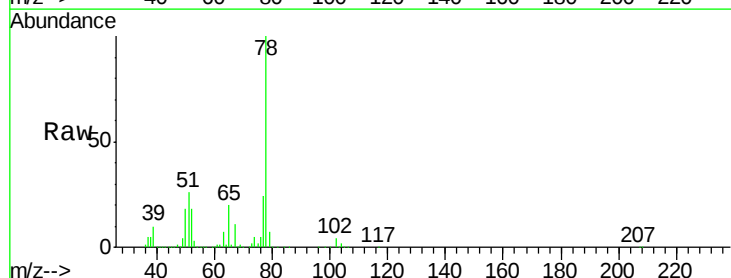
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

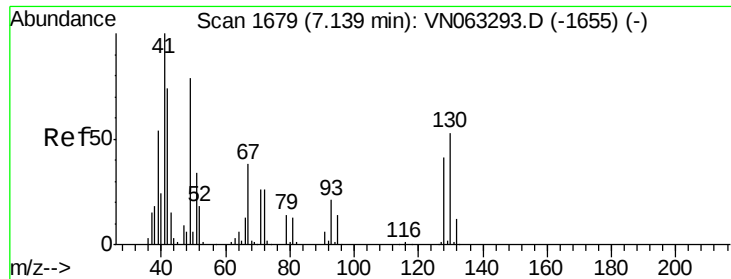
Tgt Ion: 83 Resp: 1360557
Ion Ratio Lower Upper
83 100
55 79.6 64.0 96.0
98 44.8 36.4 54.6



#40
Benzene
Concen: 148.359 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 78 Resp: 3538078
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2



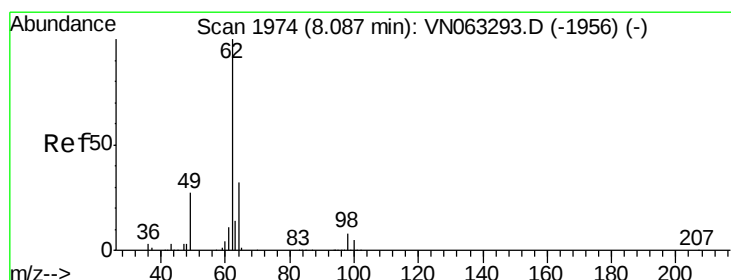
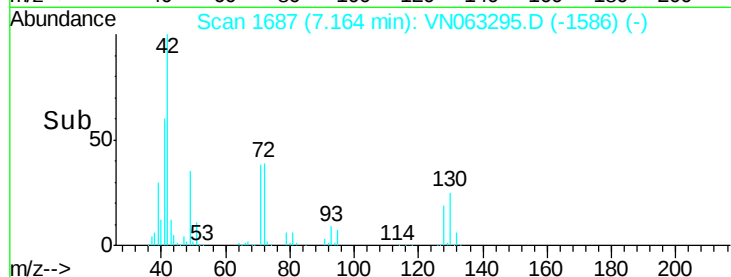
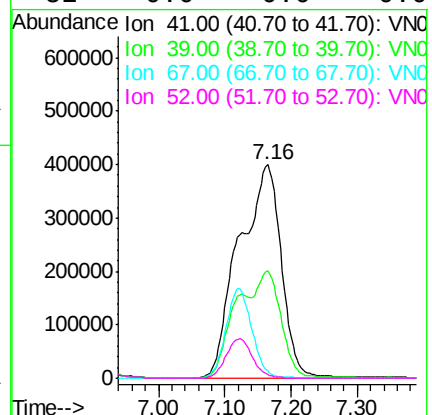
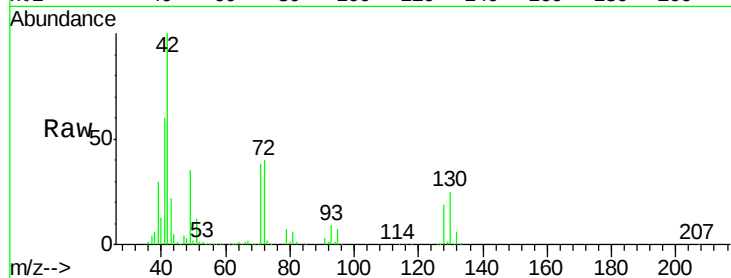


#41
Methacrylonitrile
Concen: 498.508 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 1759564

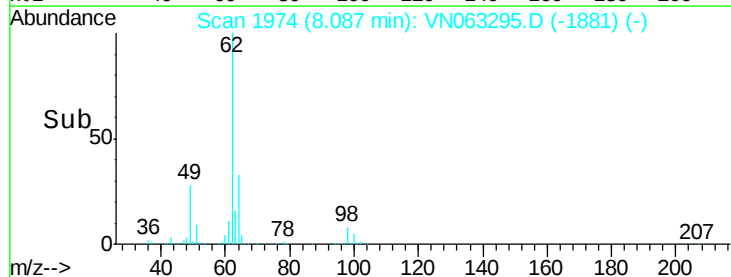
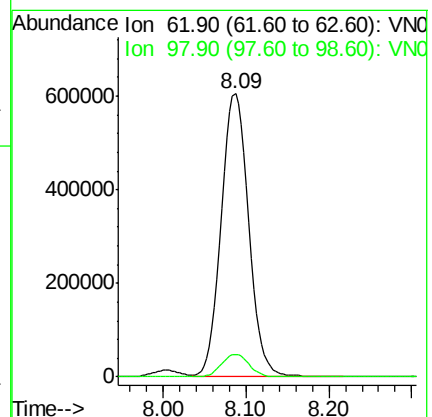
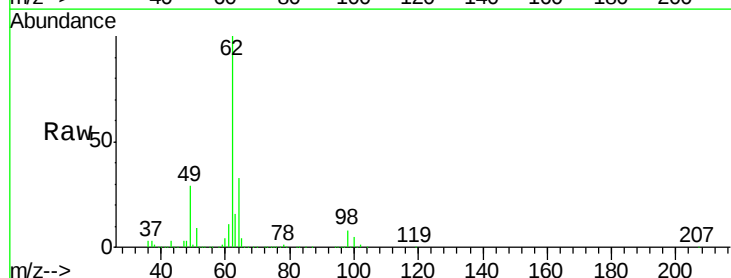
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

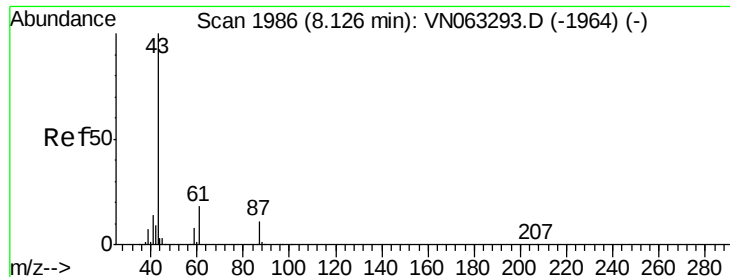


#42
1,2-Dichloroethane
Concen: 155.914 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 62 Resp: 1395044

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.4





#43

Isopropyl Acetate

Concen: 163.687 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

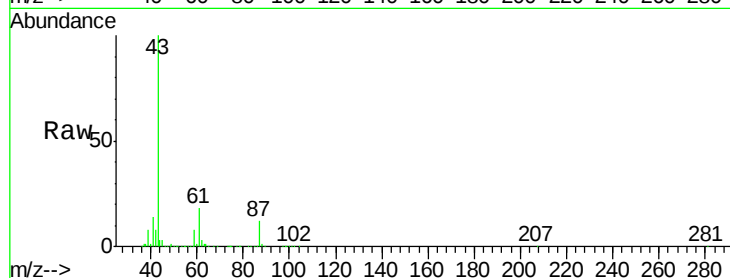
MSVOA_N

ClientSampleId :

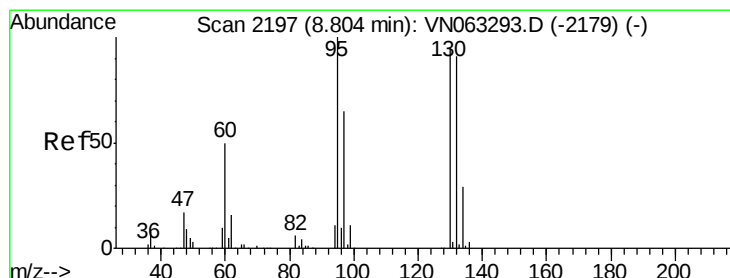
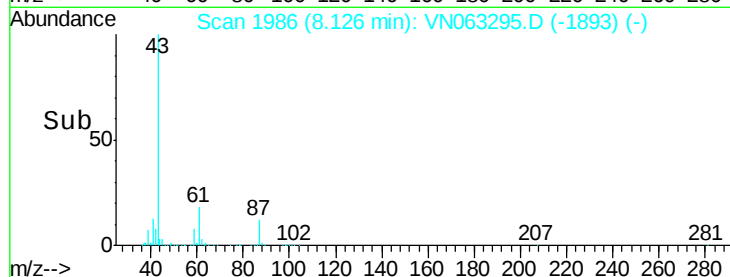
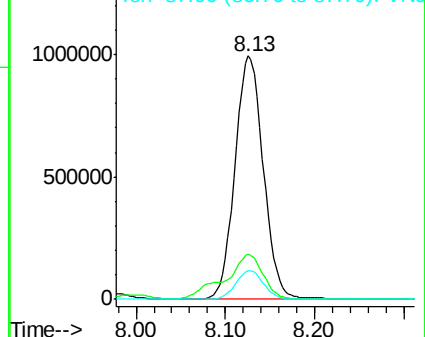
VSTDIC150

Tgt Ion: 43 Resp: 2178725

Ion	Ratio	Lower	Upper
43	100		
61	24.7	15.1	22.7#
87	11.8	9.2	13.8



Abundance Ion 43.00 (42.70 to 43.70): VN063295.D (-1893) (-)



#44

Trichloroethene

Concen: 156.443 ug/l

RT: 8.80 min Scan# 2196

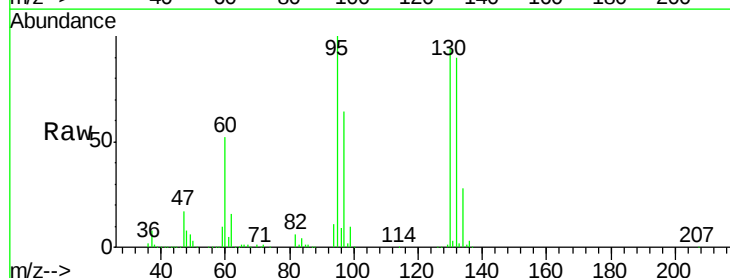
Delta R.T. -0.00 min

Lab File: VN063295.D

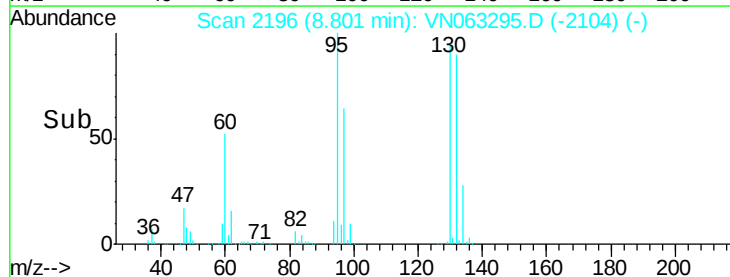
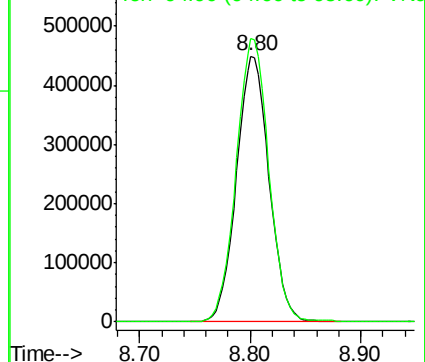
Acq: 10 Sep 2020 14:44

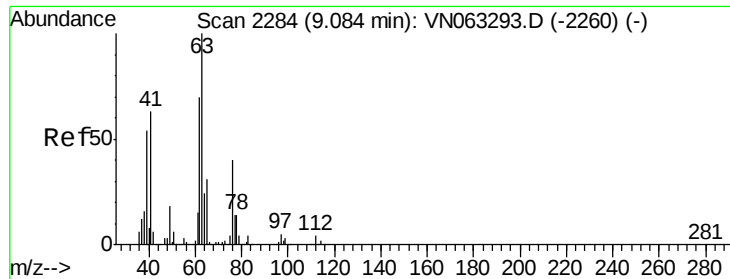
Tgt Ion: 130 Resp: 918518

Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063295.D (-2104) (-)

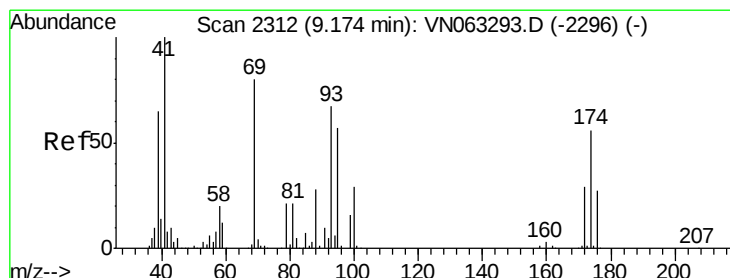
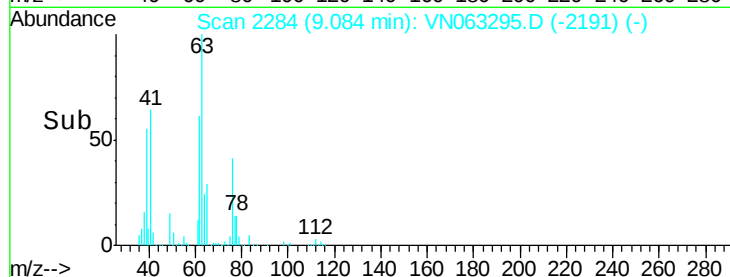
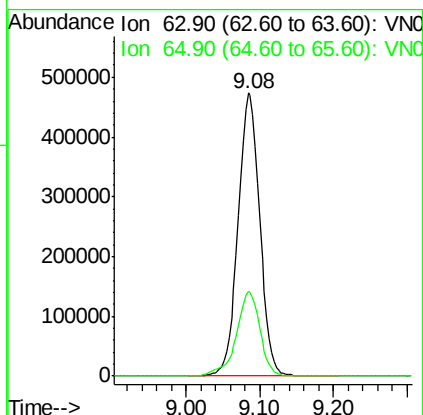
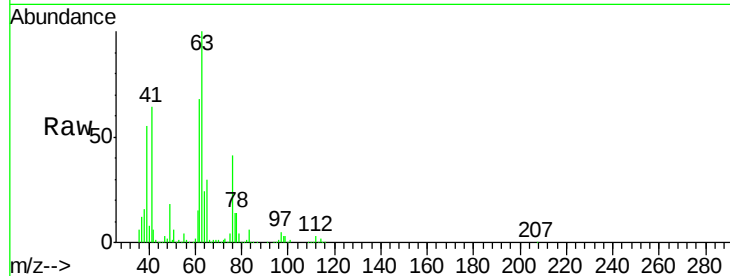




#45
 1,2-Dichloropropane
 Concen: 152.632 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

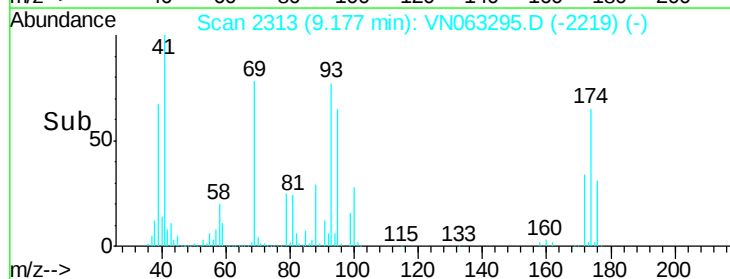
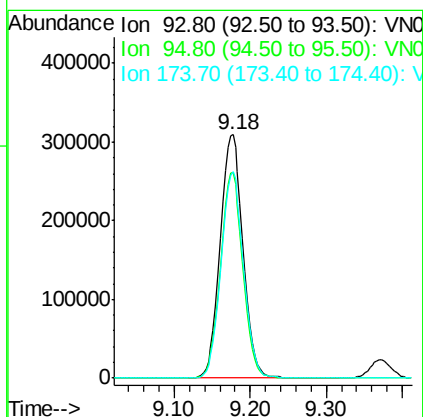
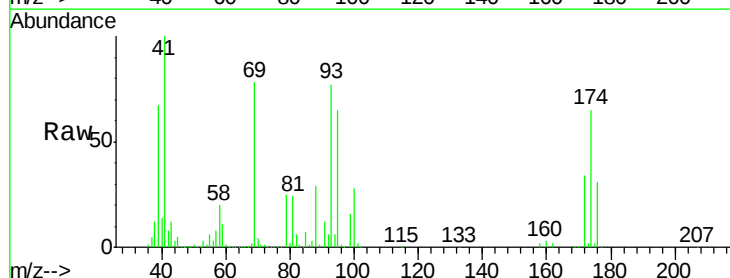
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

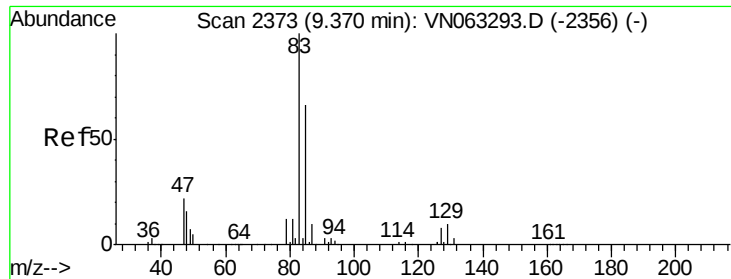
Tgt Ion: 63 Resp: 972086
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 36.8



#46
 Dibromomethane
 Concen: 154.744 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 93 Resp: 645423
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.9 101.9
 174 83.7 66.9 100.3





#47

Bromodichloromethane

Concen: 152.459 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

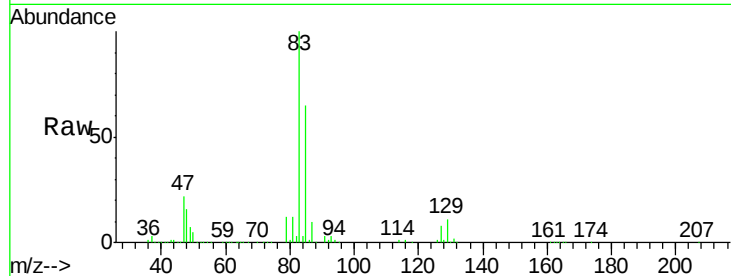
Tgt Ion: 83 Resp: 1361057

Ion Ratio Lower Upper

83 100

85 64.8 52.5 78.7

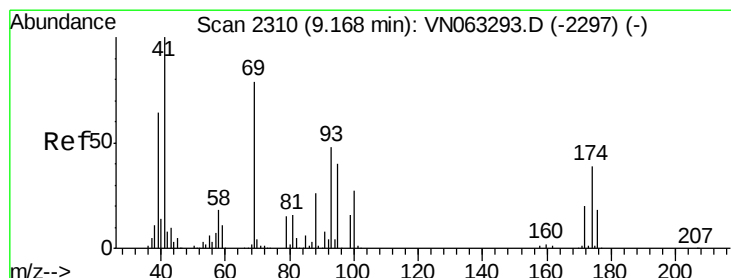
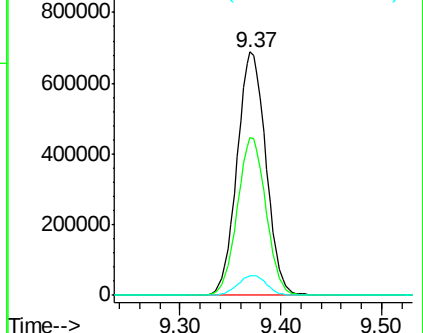
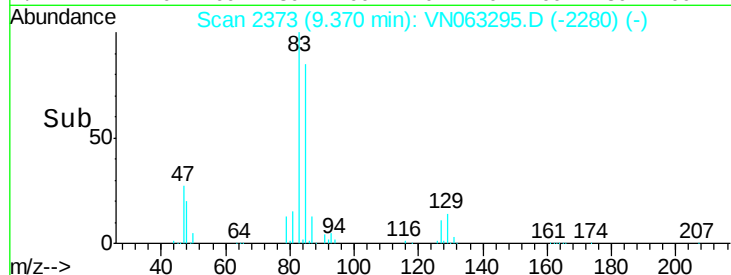
127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN063295.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063295.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063295.D (-2280) (-)



#48

Methyl methacrylate

Concen: 171.989 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

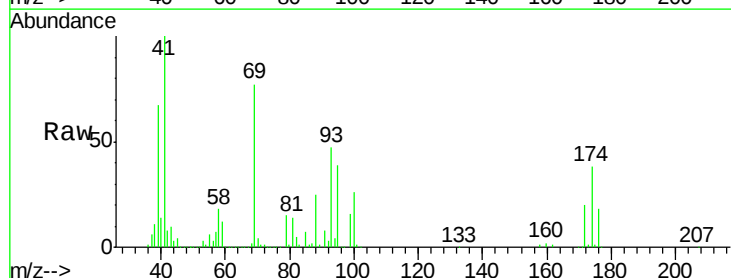
Tgt Ion: 41 Resp: 1036548

Ion Ratio Lower Upper

41 100

69 78.4 63.6 95.4

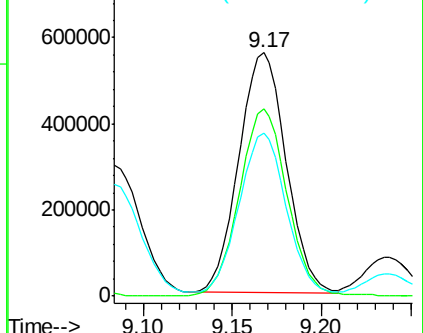
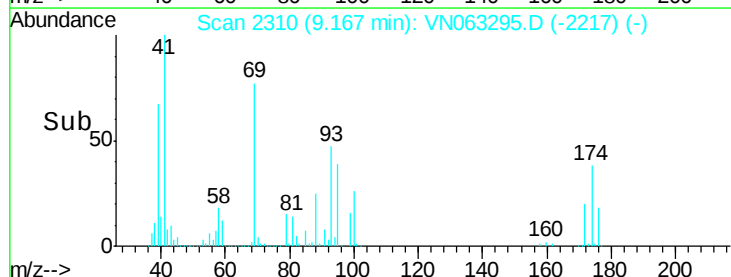
39 68.2 53.2 79.8

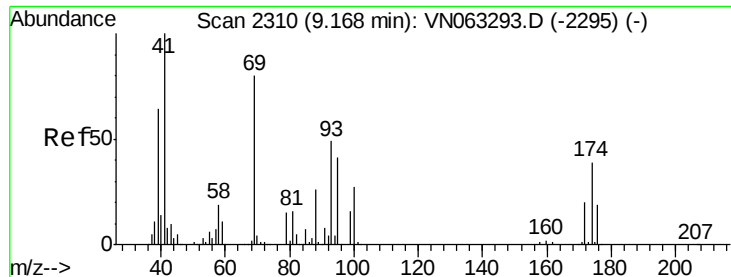


Abundance Ion 41.00 (40.70 to 41.70): VN063295.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063295.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063295.D (-2217) (-)

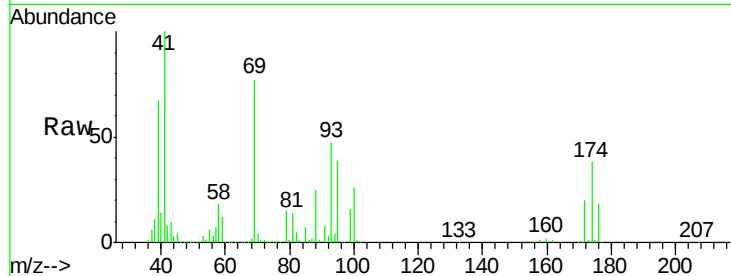




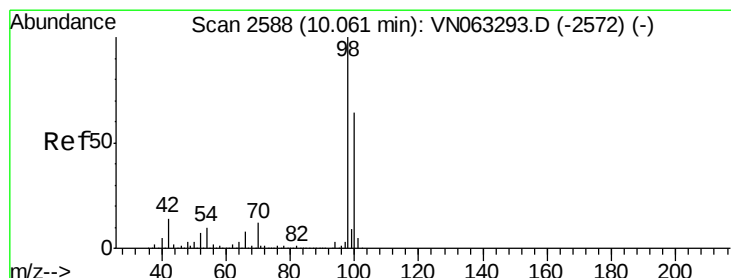
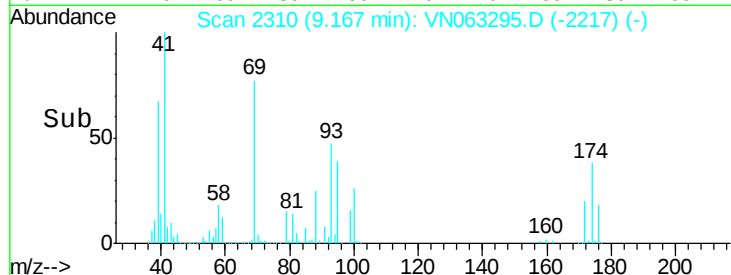
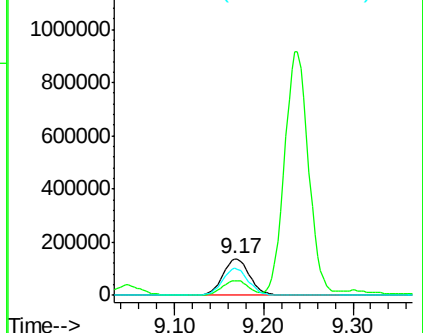
#49
1,4-Dioxane
Concen: 3108.726 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 288243
Ion Ratio Lower Upper
88 100
43 38.1 30.5 45.7
58 70.9 58.9 88.3

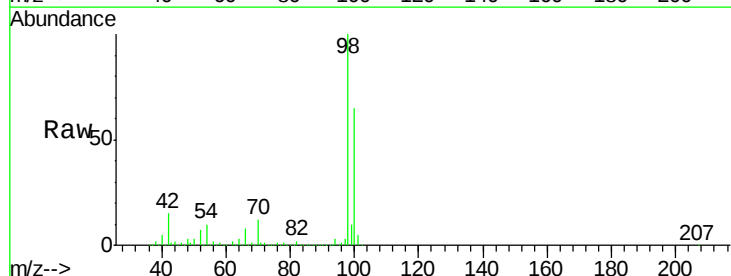


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

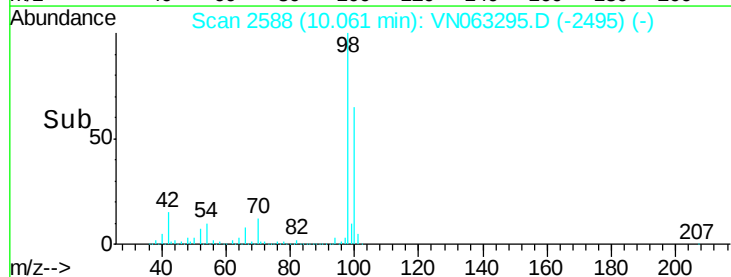
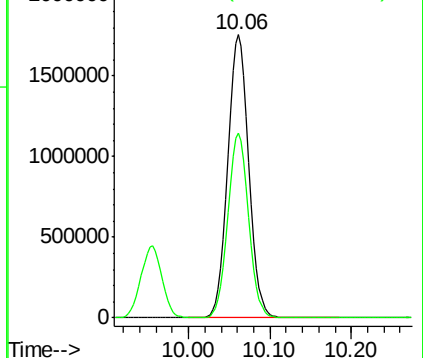


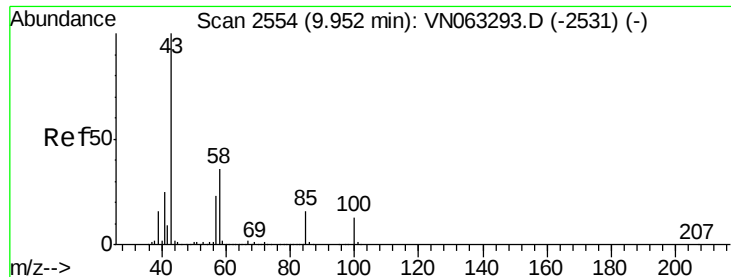
#50
Toluene-d8
Concen: 153.352 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 98 Resp: 3190459
Ion Ratio Lower Upper
98 100
100 64.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

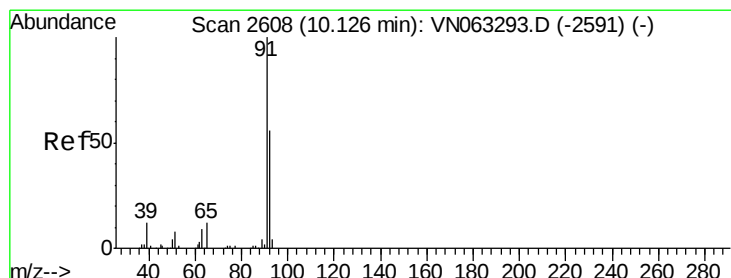
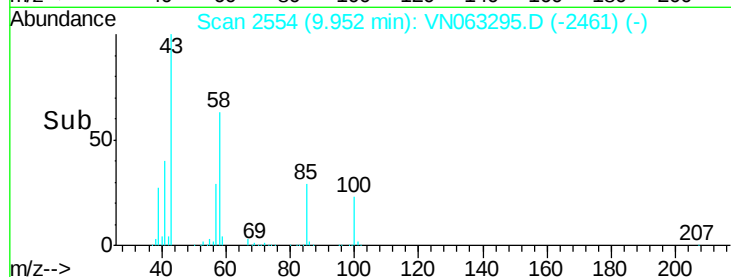
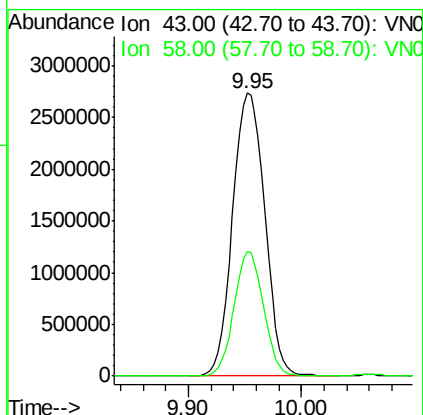
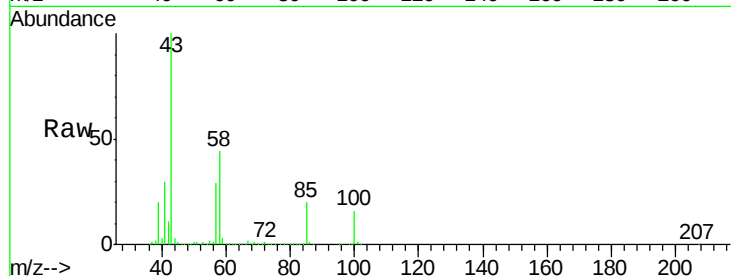




#51
 4-Methyl-2-Pentanone
 Concen: 748.627 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

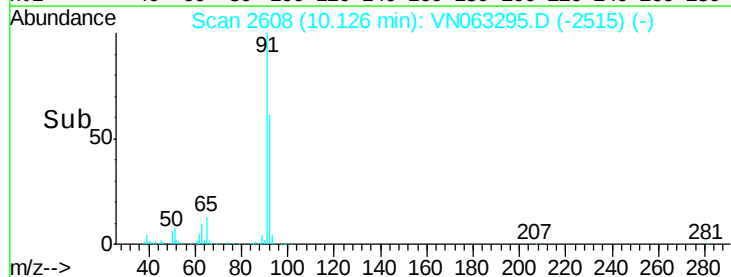
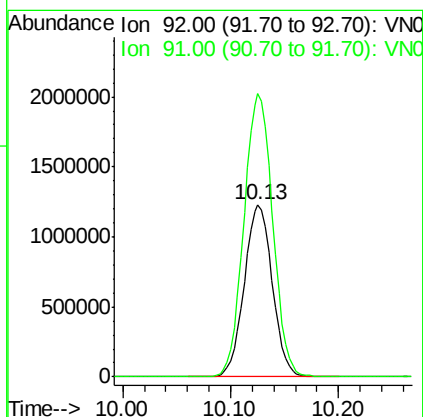
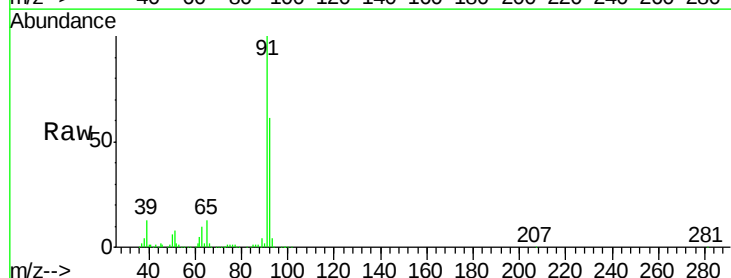
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

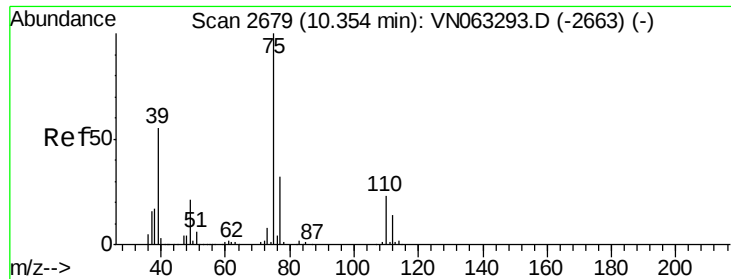
Tgt Ion: 43 Resp: 5420097
 Ion Ratio Lower Upper
 43 100
 58 40.4 29.0 43.4



#52
 Toluene
 Concen: 149.821 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 92 Resp: 2217036
 Ion Ratio Lower Upper
 92 100
 91 169.5 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 157.734 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

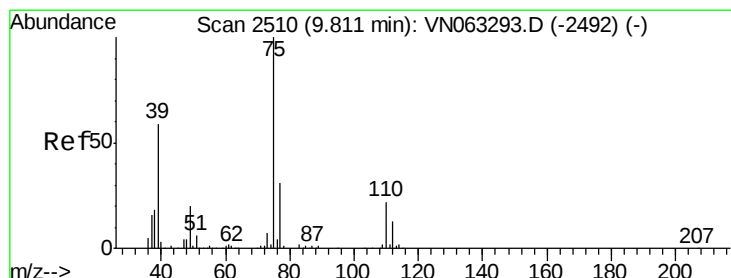
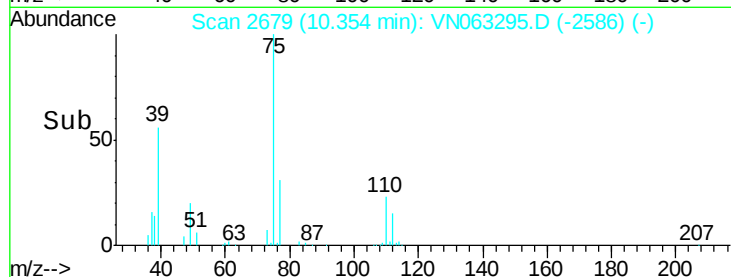
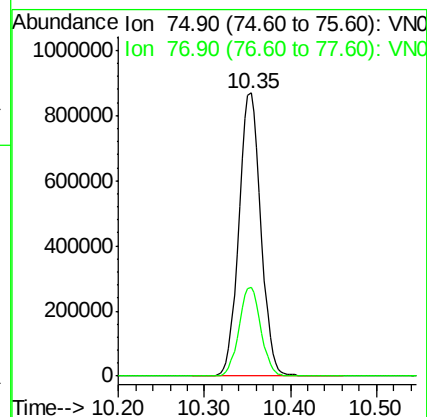
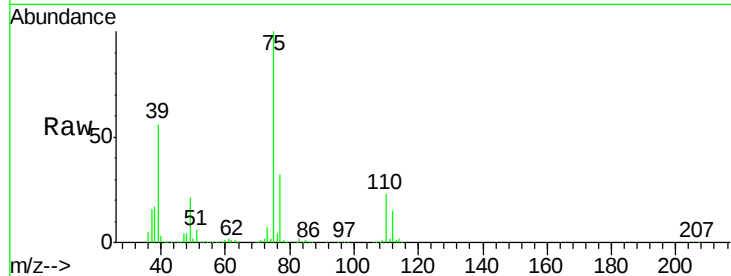
VSTDIC150

Tgt Ion: 75 Resp: 1533952

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 157.932 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

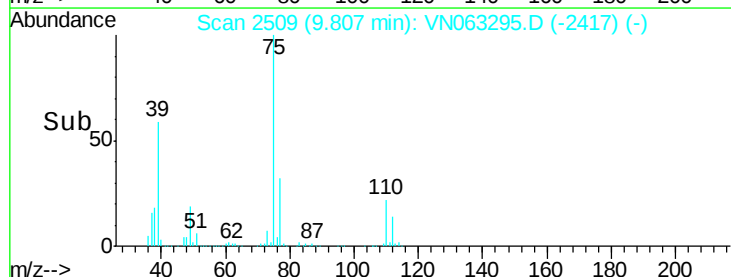
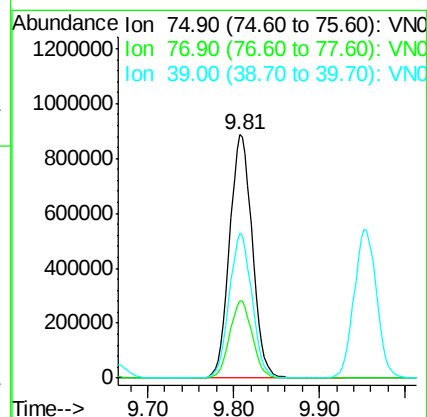
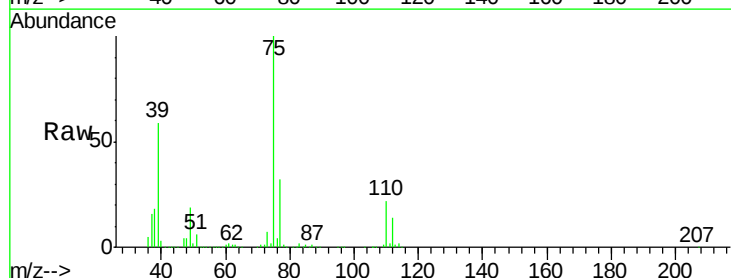
Tgt Ion: 75 Resp: 1629451

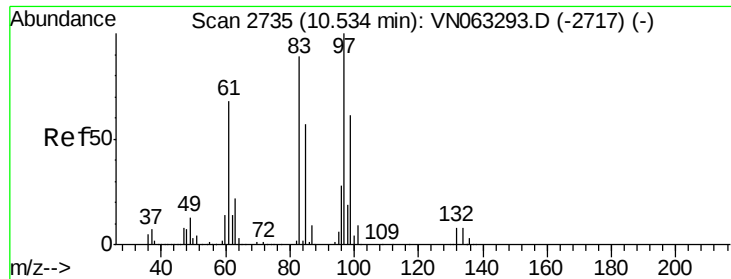
Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

39 59.3 47.2 70.8





#55

1,1,2-Trichloroethane

Concen: 151.090 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 858420

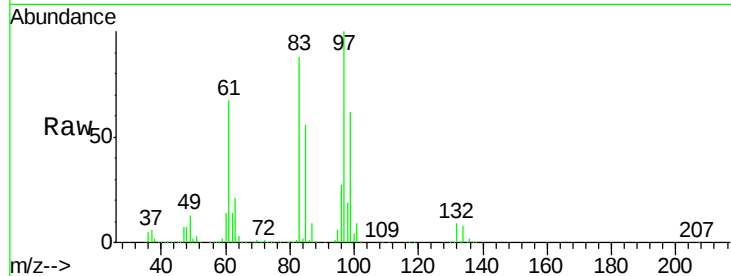
Ion Ratio Lower Upper

97 100

83 87.6 70.8 106.2

85 55.9 45.6 68.4

99 61.7 49.0 73.4

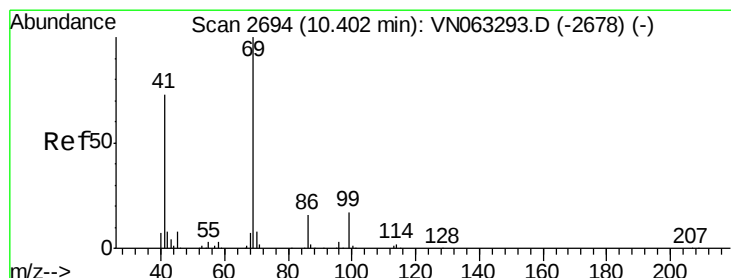
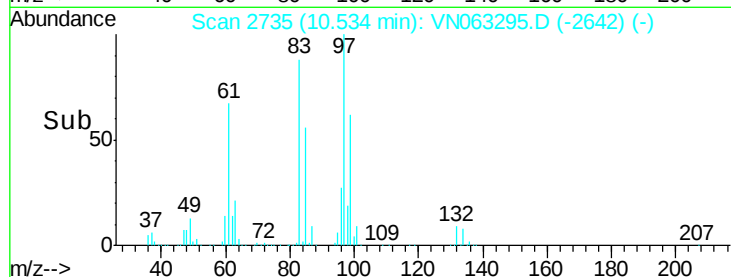
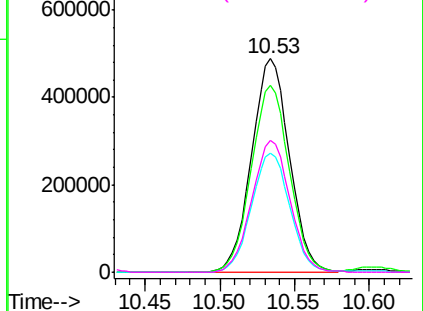


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 163.947 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

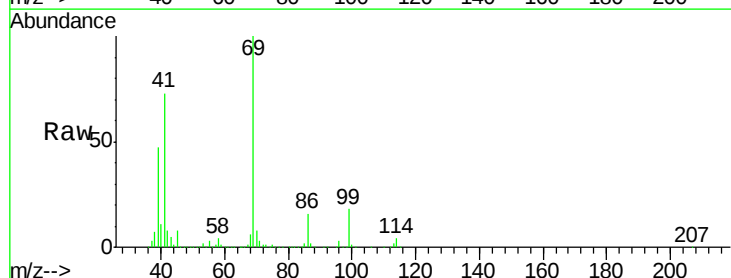
Tgt Ion: 69 Resp: 1420366

Ion Ratio Lower Upper

69 100

41 72.5 58.4 87.6

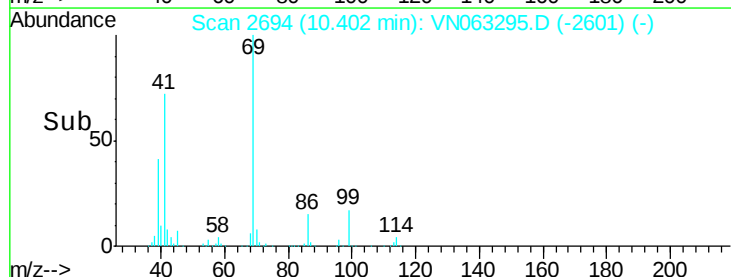
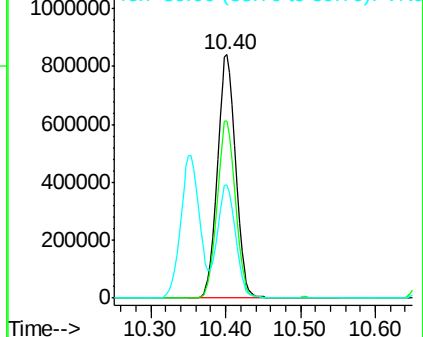
39 47.1 38.6 58.0

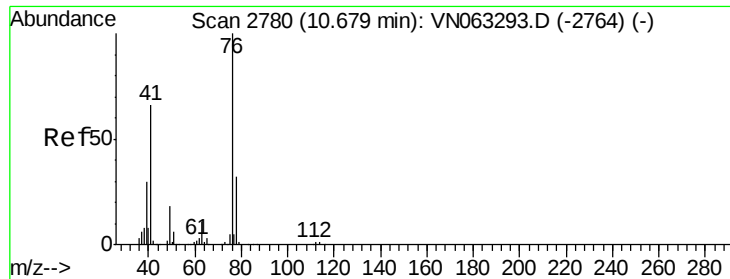


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

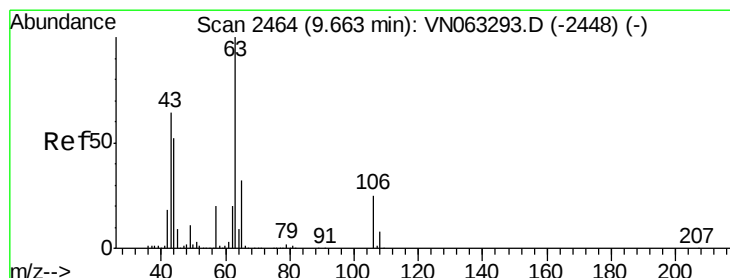
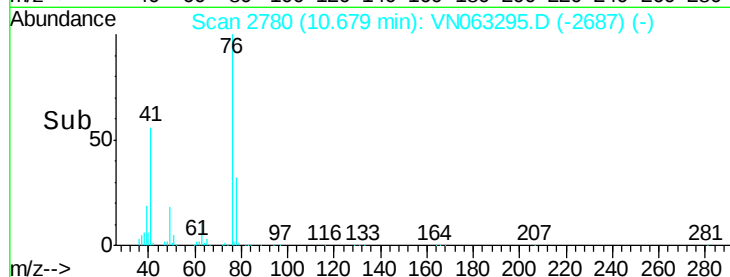
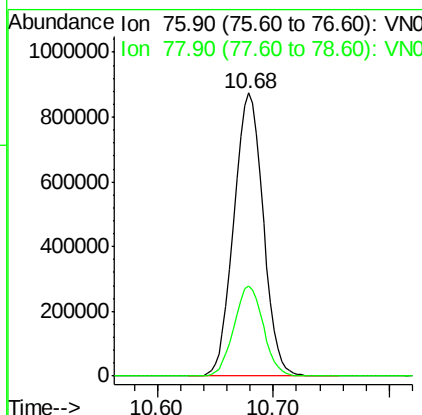
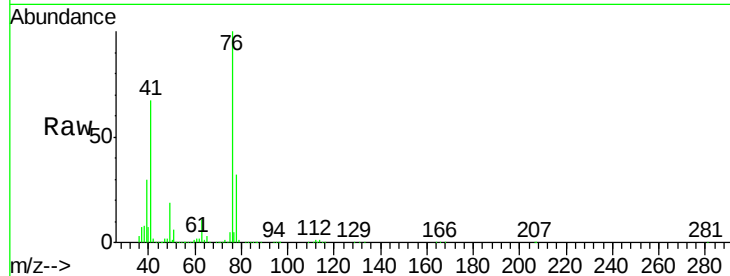




#57
 1,3-Dichloropropane
 Concen: 151.738 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

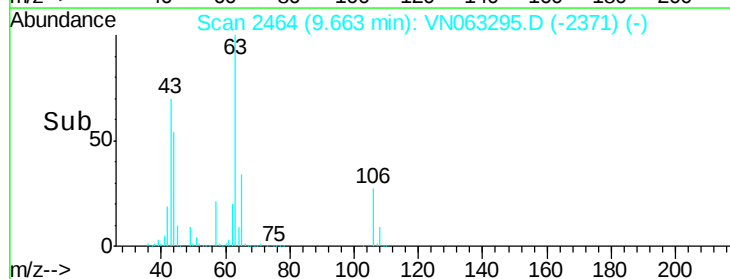
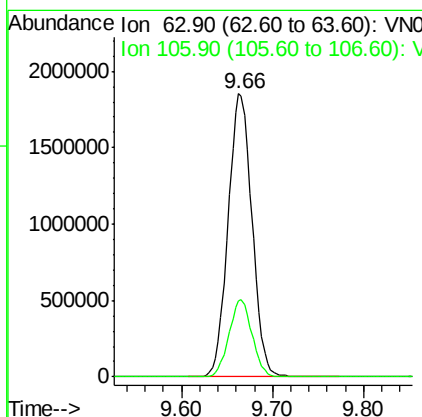
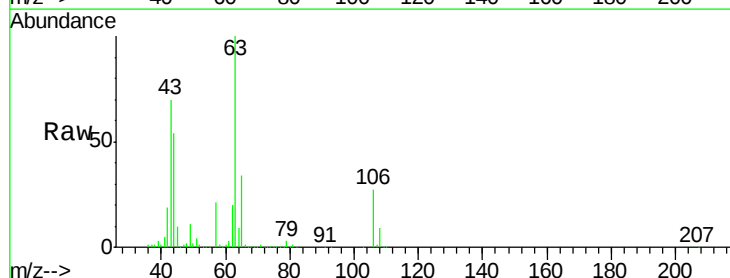
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

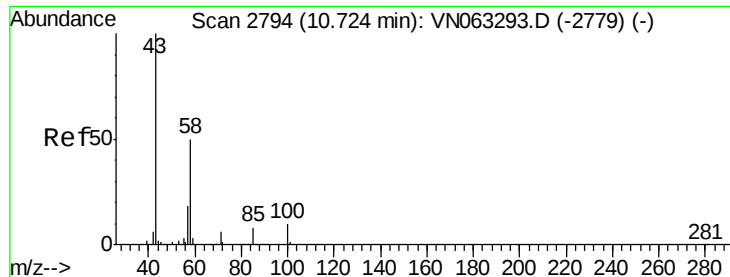
Tgt Ion: 76 Resp: 1530905
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 758.194 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 63 Resp: 3378435
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.2 30.4

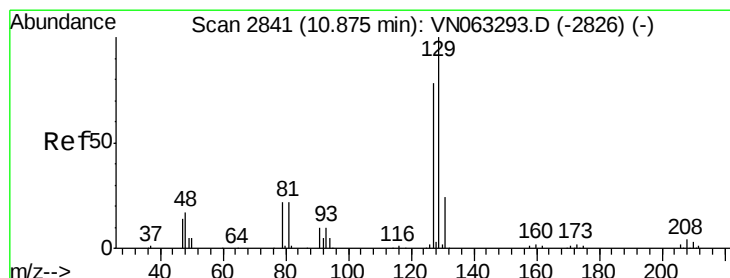
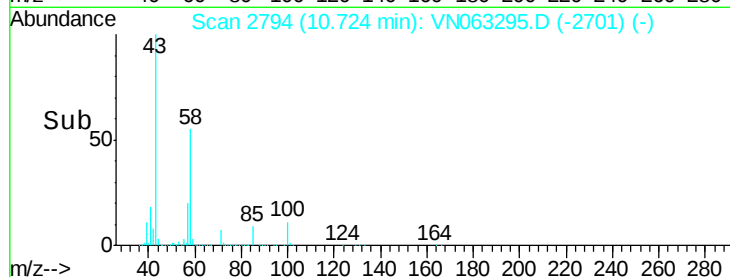
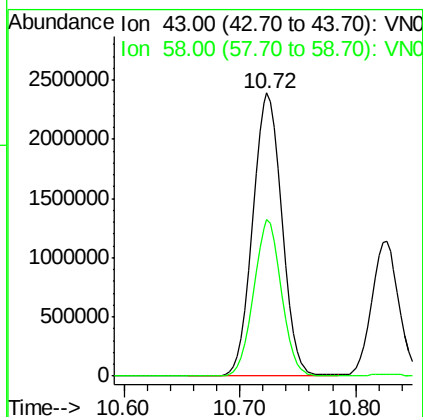
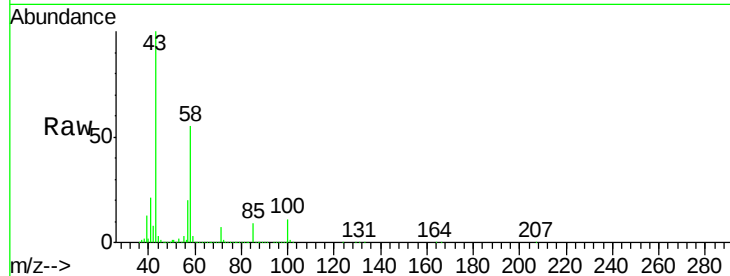




#59
2-Hexanone
Concen: 822.748 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

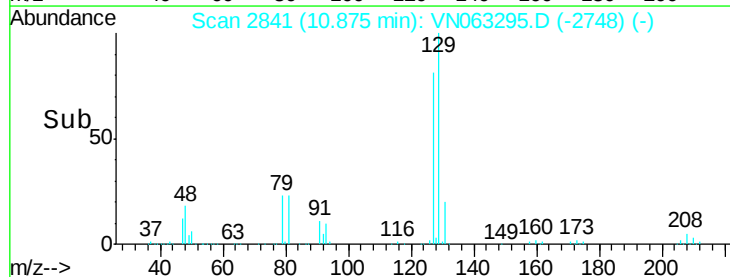
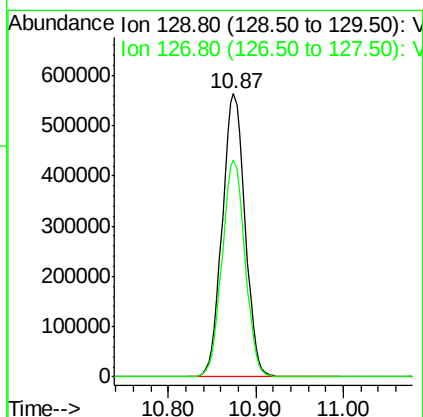
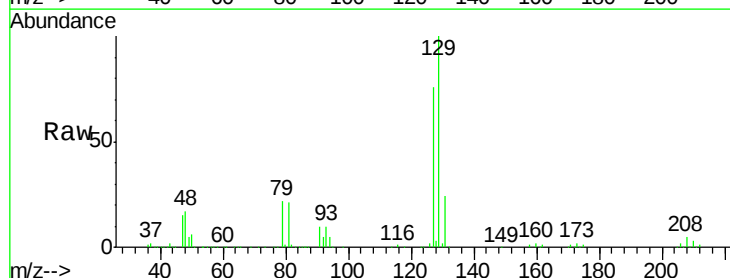
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

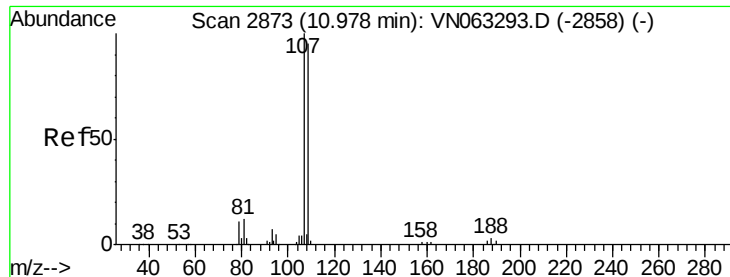
Tgt Ion: 43 Resp: 4202488
Ion Ratio Lower Upper
43 100
58 52.7 25.1 75.3



#60
Dibromochloromethane
Concen: 162.480 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 129 Resp: 1020161
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

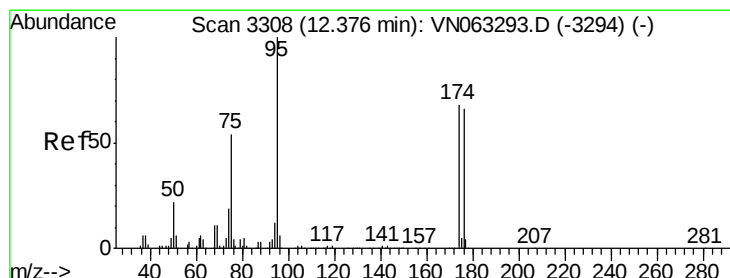
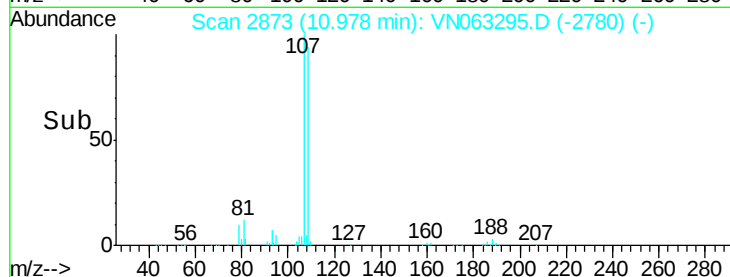
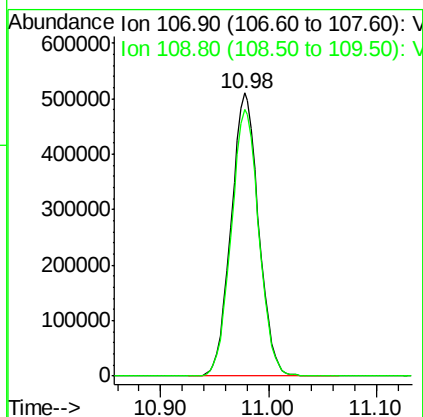
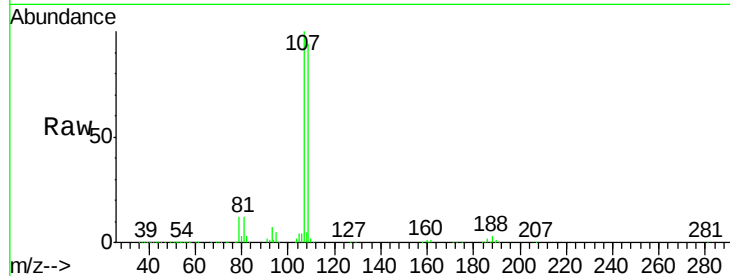




#61
 1,2-Dibromoethane
 Concen: 154.438 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

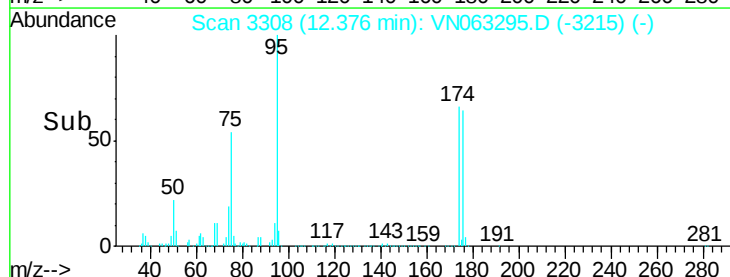
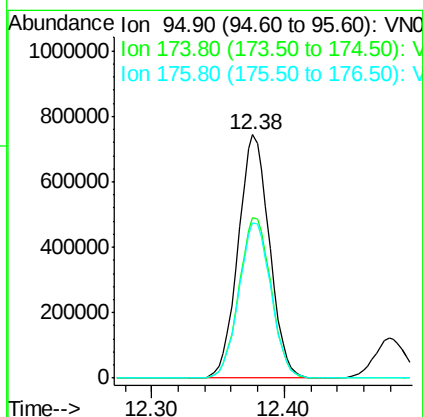
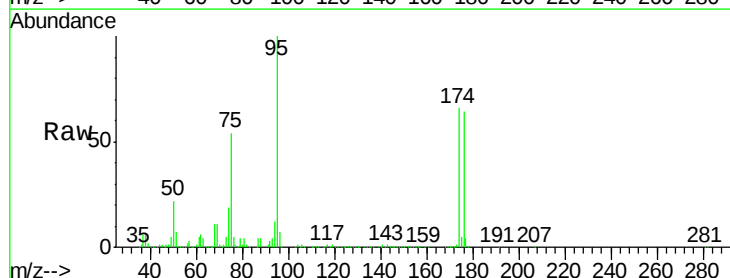
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

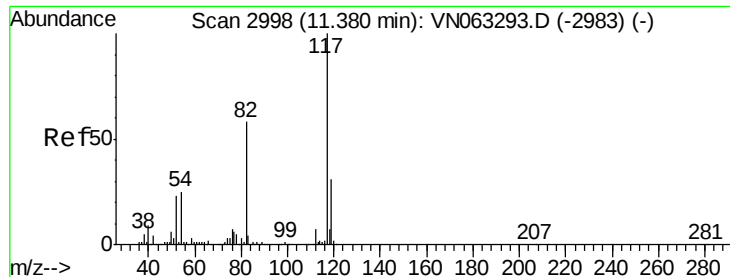
Tgt Ion: 107 Resp: 907958
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 165.962 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 95 Resp: 1216445
 Ion Ratio Lower Upper
 95 100
 174 67.9 0.0 136.6
 176 65.8 0.0 132.8

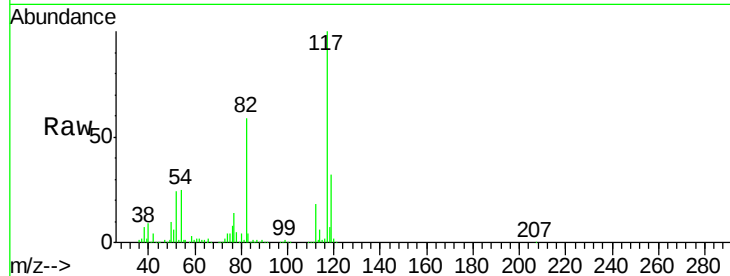




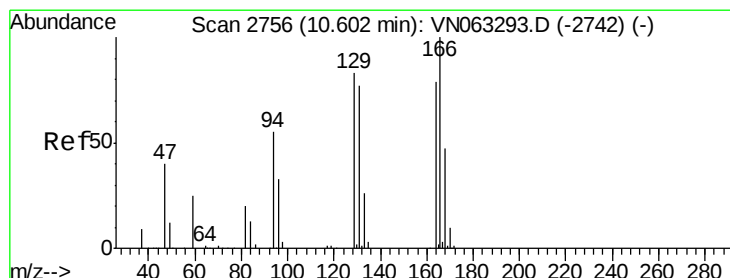
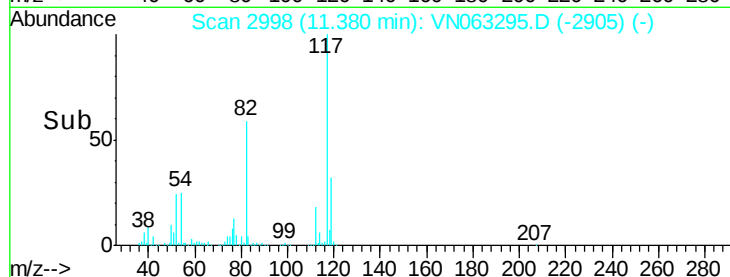
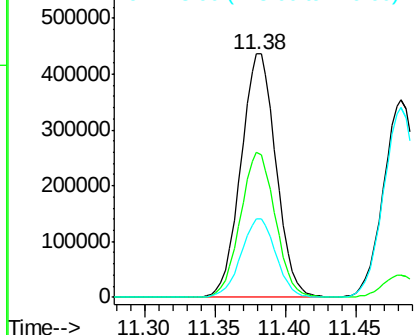
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 759779
Ion Ratio Lower Upper
117 100
82 59.5 46.4 69.6
119 32.1 24.8 37.2

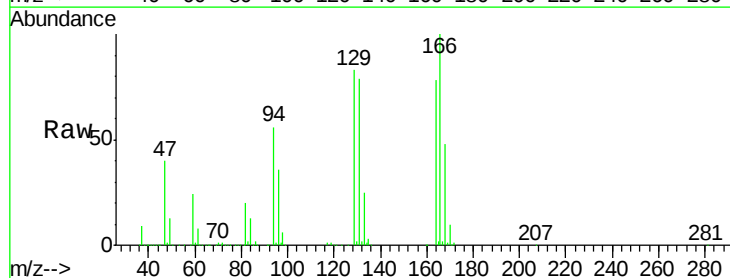


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

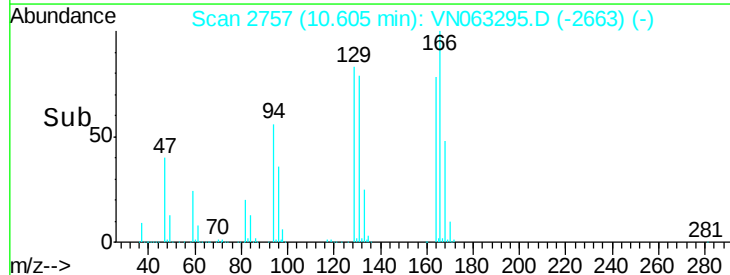
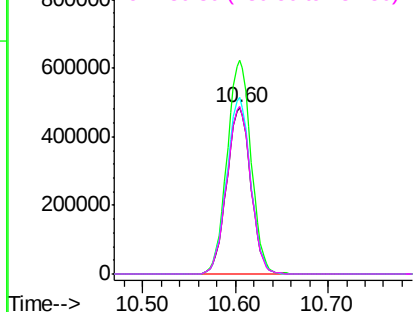


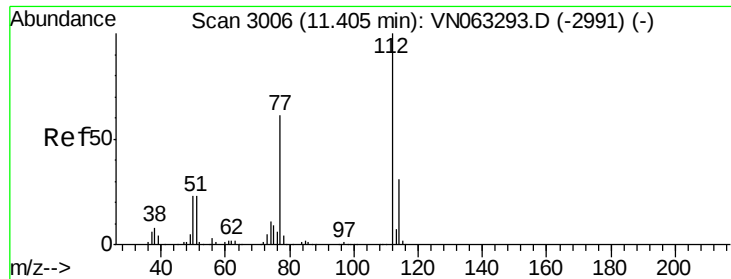
#64
Tetrachloroethene
Concen: 156.455 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion:164 Resp: 872174
Ion Ratio Lower Upper
164 100
166 128.5 101.3 151.9
129 106.6 83.7 125.5
131 101.0 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

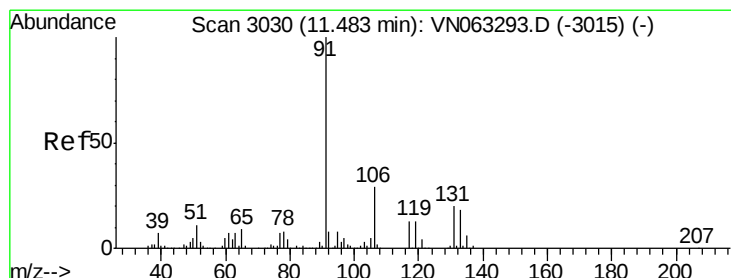
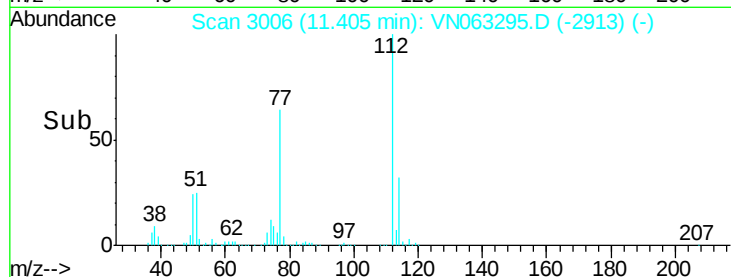
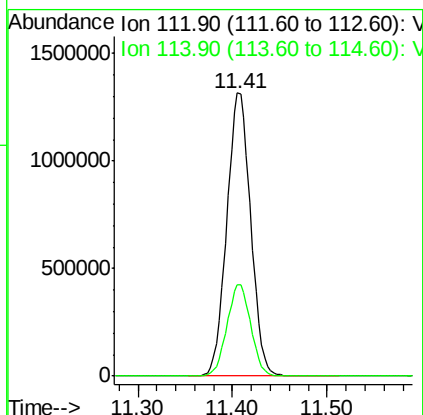
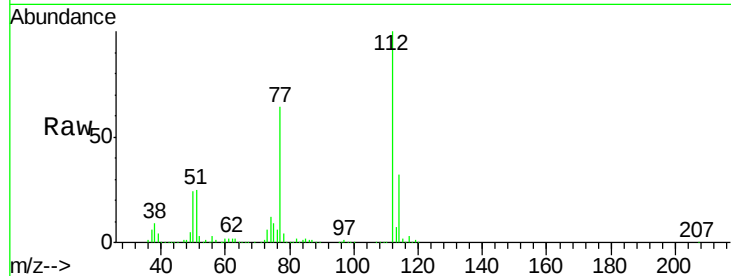




#65
Chlorobenzene
Concen: 150.930 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

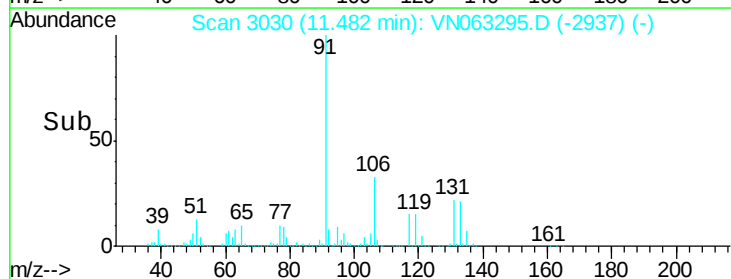
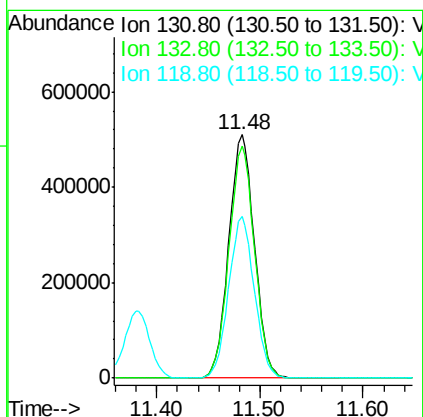
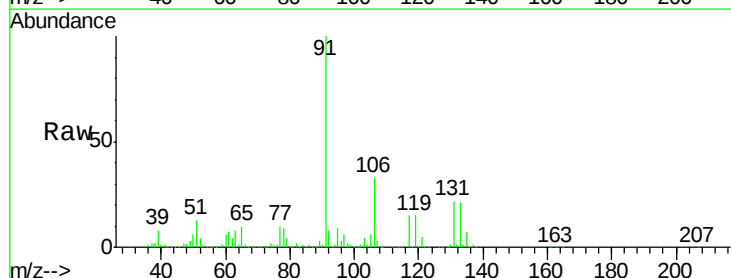
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

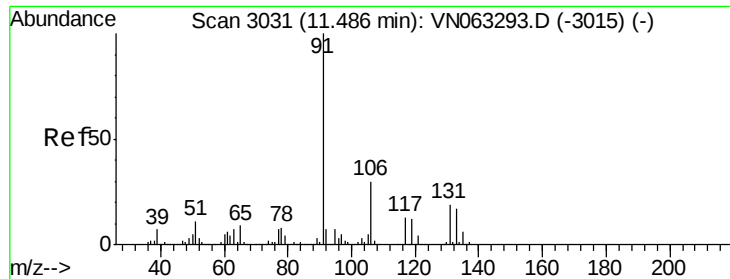
Tgt Ion:112 Resp: 2305804
Ion Ratio Lower Upper
112 100
114 32.2 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 156.980 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion:131 Resp: 885297
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 66.3 33.8 101.3

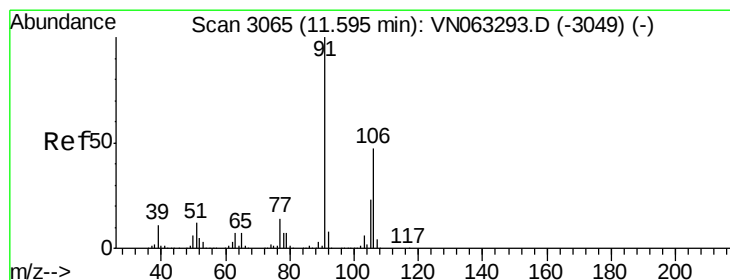
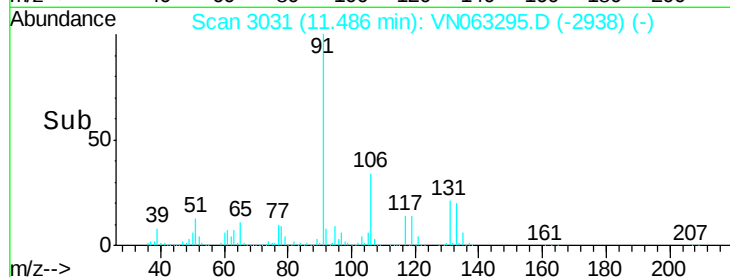
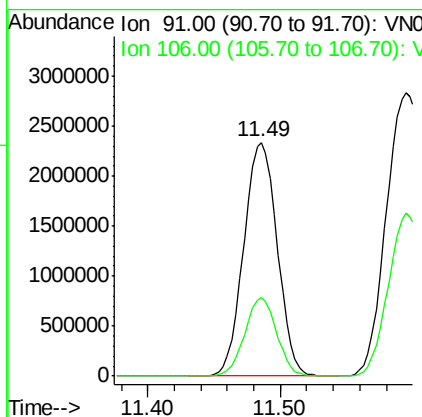
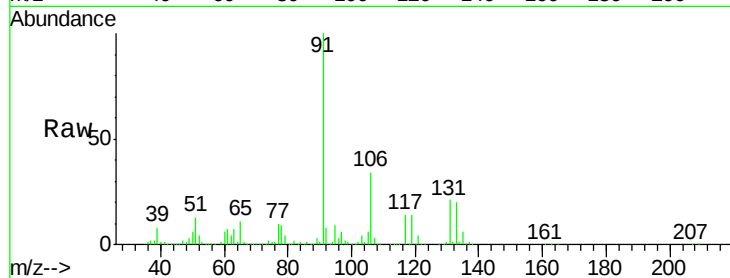




#67
Ethyl Benzene
Concen: 147.314 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

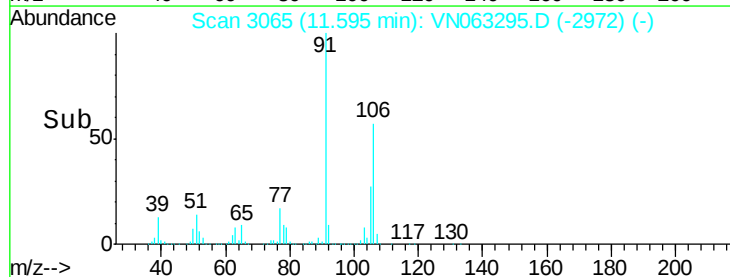
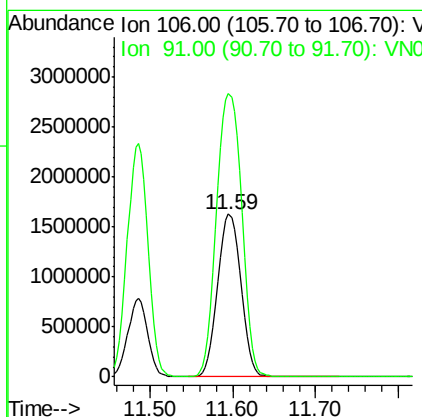
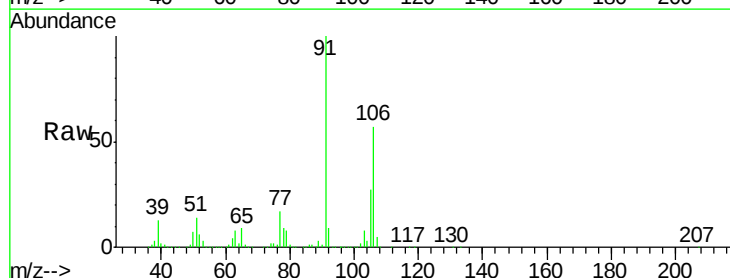
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

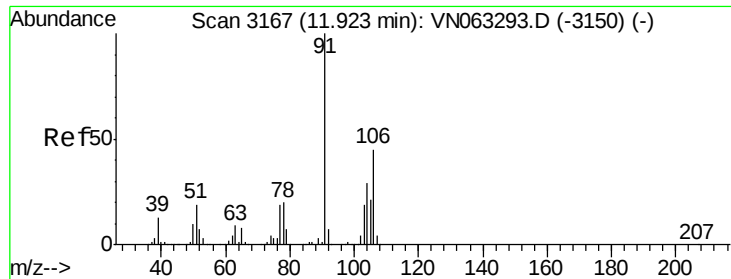
Tgt Ion: 91 Resp: 4102832
Ion Ratio Lower Upper
91 100
106 33.5 23.8 35.6



#68
m/p-Xylenes
Concen: 308.890 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion: 106 Resp: 3175611
Ion Ratio Lower Upper
106 100
91 189.4 169.8 254.8

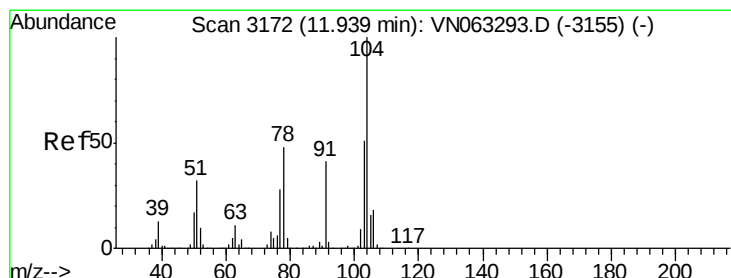
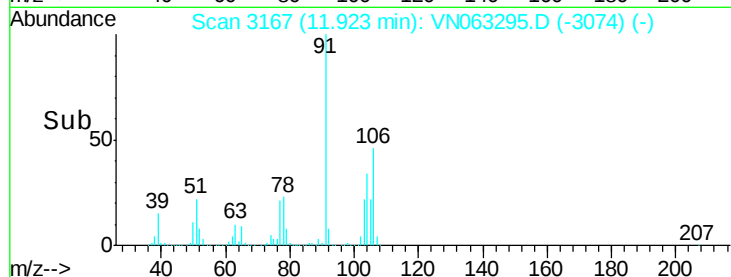
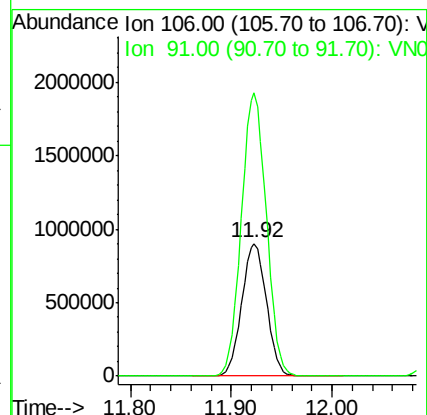
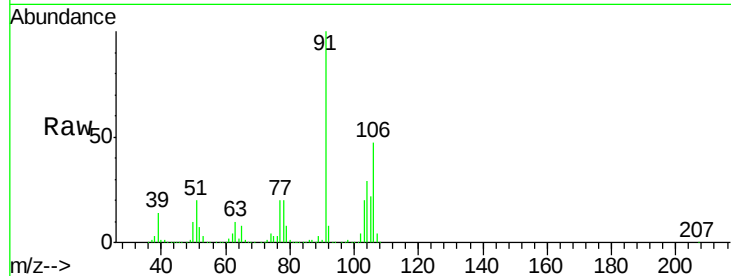




#69
o-Xylene
Concen: 153.710 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

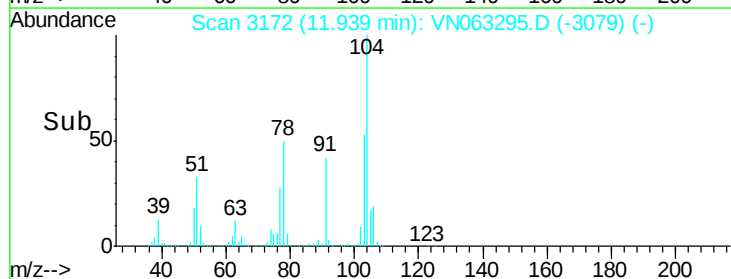
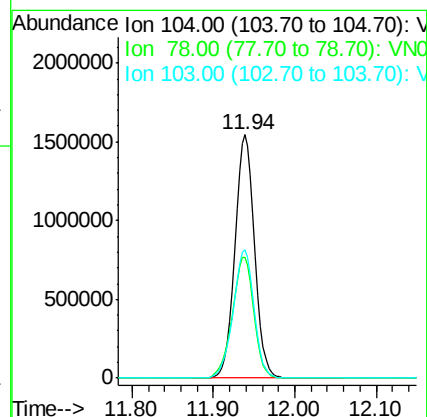
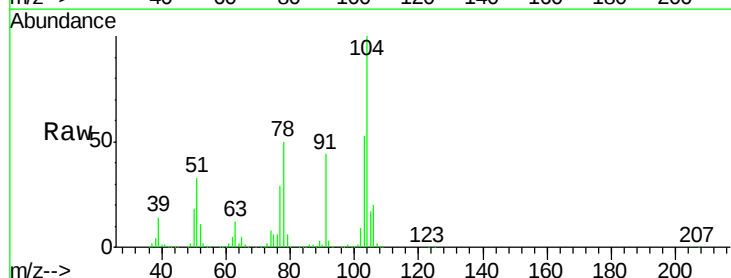
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

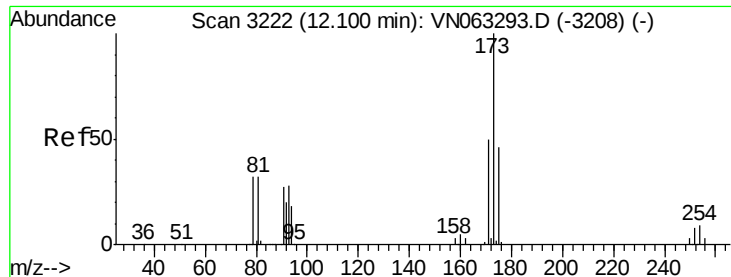
Tgt Ion:106 Resp: 1527031
Ion Ratio Lower Upper
106 100
91 216.5 111.5 334.4



#70
Styrene
Concen: 153.641 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063295.D
Acq: 10 Sep 2020 14:44

Tgt Ion:104 Resp: 2614795
Ion Ratio Lower Upper
104 100
78 54.7 42.9 64.3
103 56.3 44.2 66.2





#71

Bromoform

Concen: 168.797 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

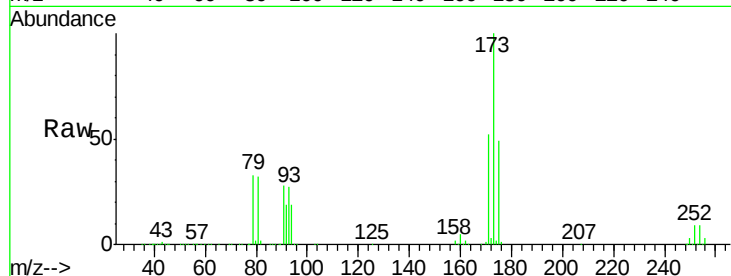
Tgt Ion:173 Resp: 650073

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.5

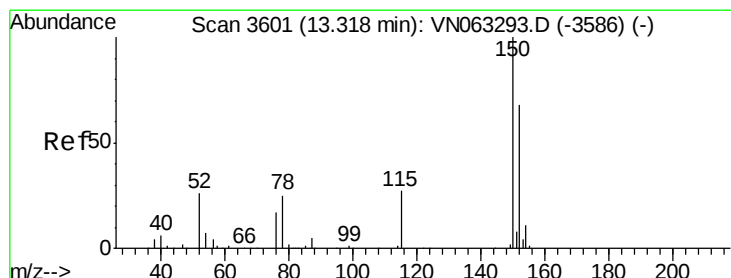
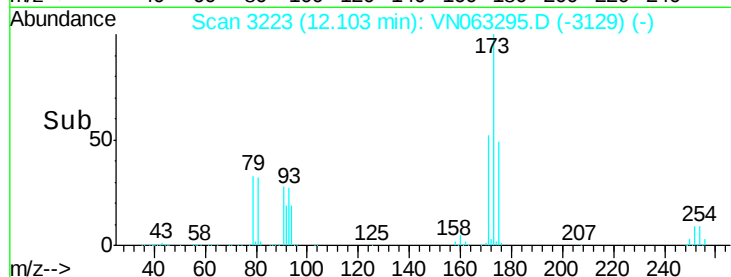
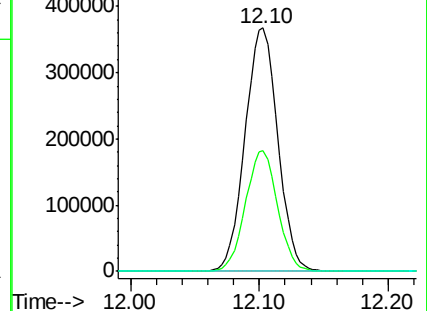
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

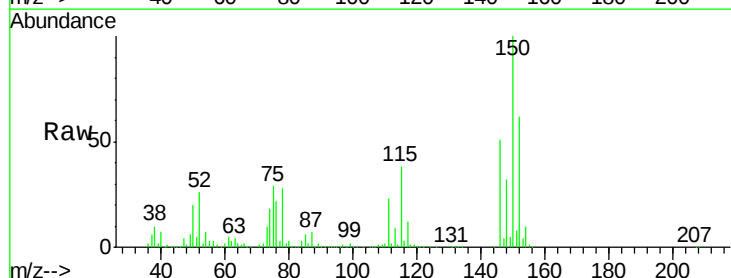
Tgt Ion:152 Resp: 370391

Ion Ratio Lower Upper

152 100

115 62.2 31.5 94.5

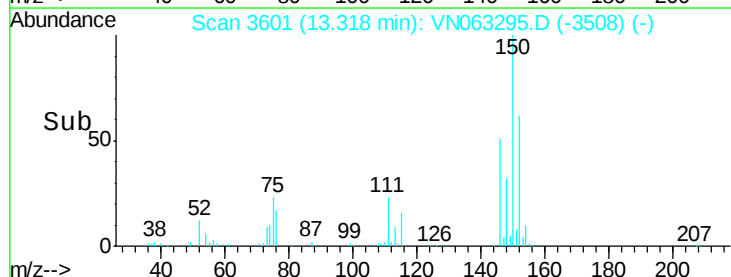
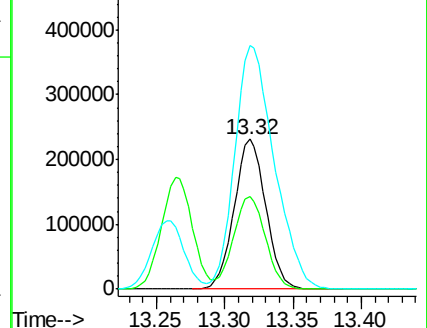
150 203.8 0.0 344.0

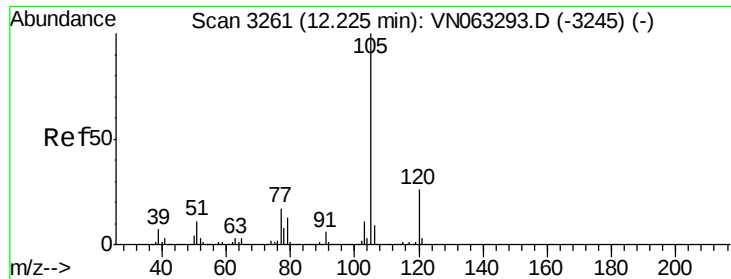


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 140.234 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

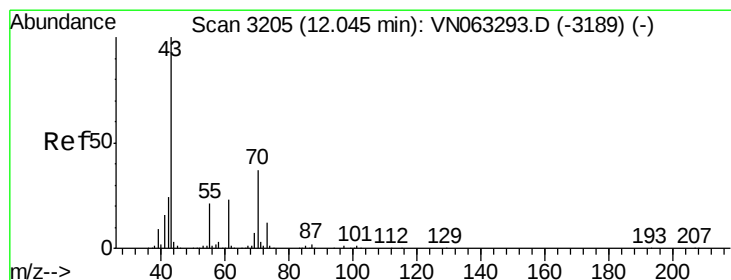
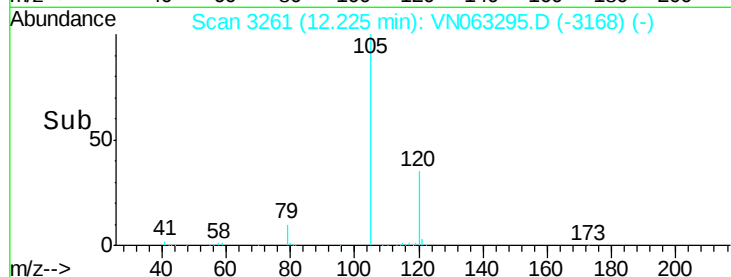
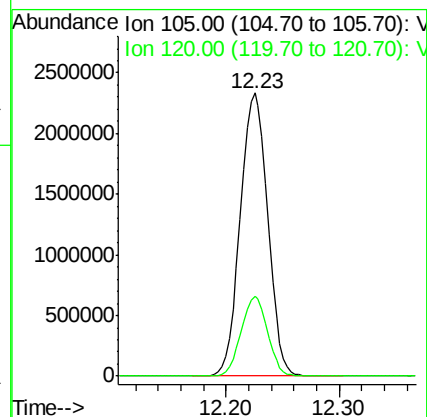
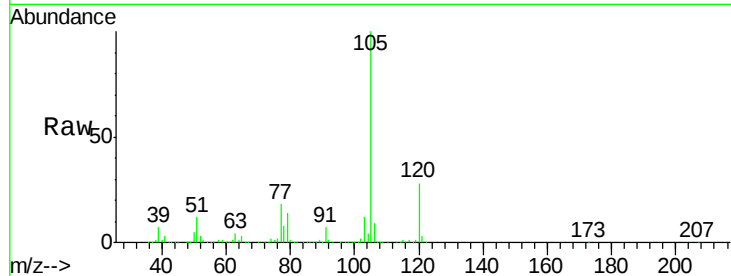
VSTDIC150

Tgt Ion:105 Resp: 3950350

Ion Ratio Lower Upper

105 100

120 27.2 13.0 38.9



#74

N-ethyl acetate

Concen: 168.337 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Tgt Ion: 43 Resp: 1981688

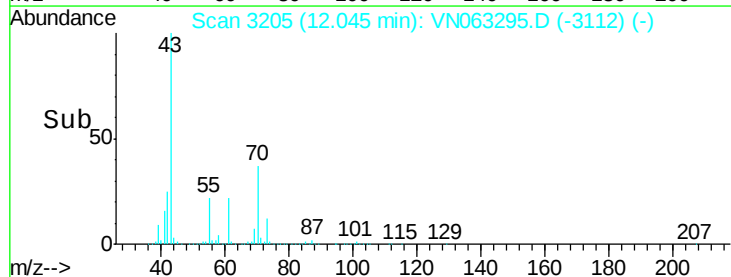
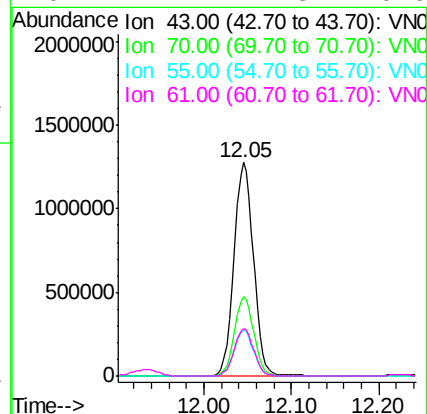
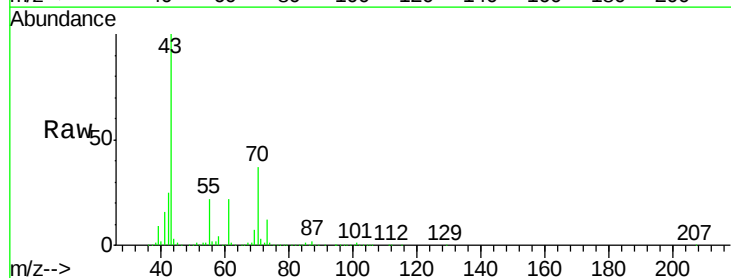
Ion Ratio Lower Upper

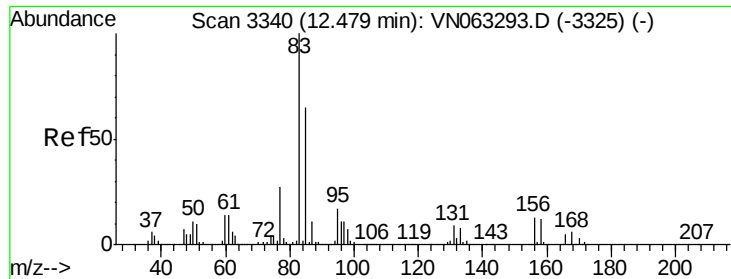
43 100

70 36.8 29.3 43.9

55 21.3 17.0 25.6

61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 146.463 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

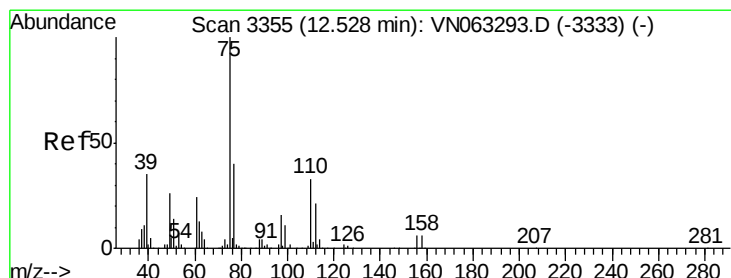
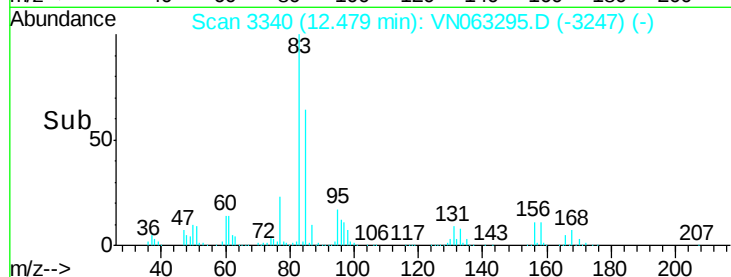
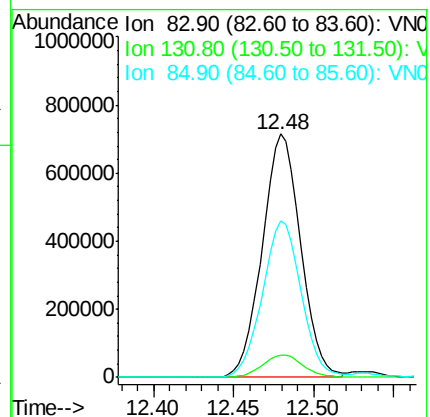
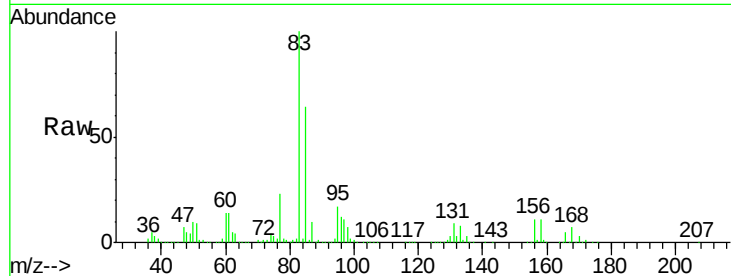
Tgt Ion: 83 Resp: 1185661

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

85 64.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 214.015 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063295.D

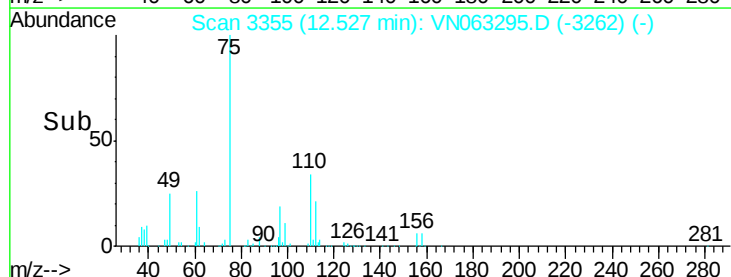
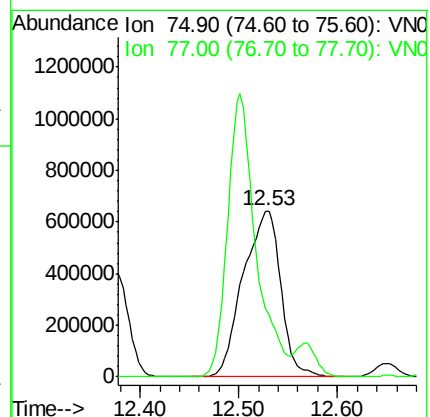
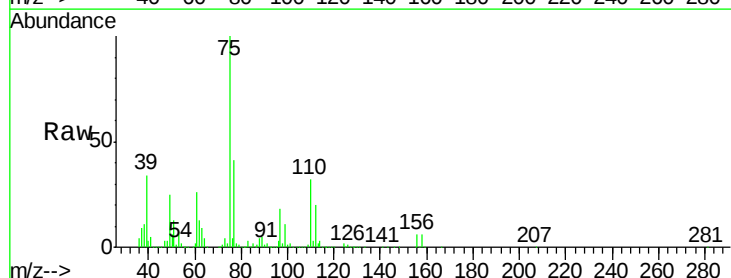
Acq: 10 Sep 2020 14:44

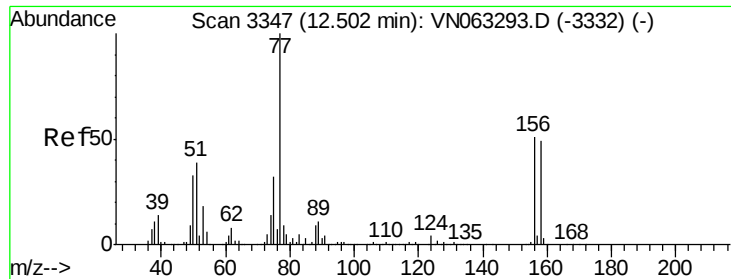
Tgt Ion: 75 Resp: 1695397

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 146.792 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

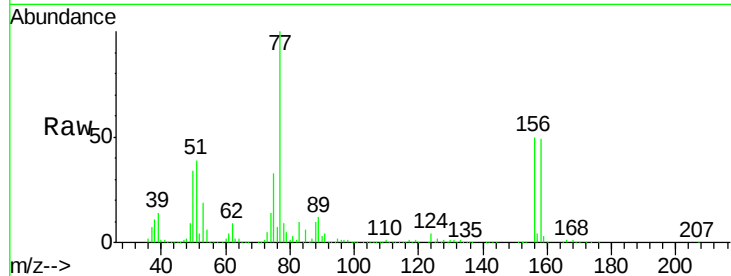
Tgt Ion:156 Resp: 939784

Ion Ratio Lower Upper

156 100

77 234.7 117.4 352.2

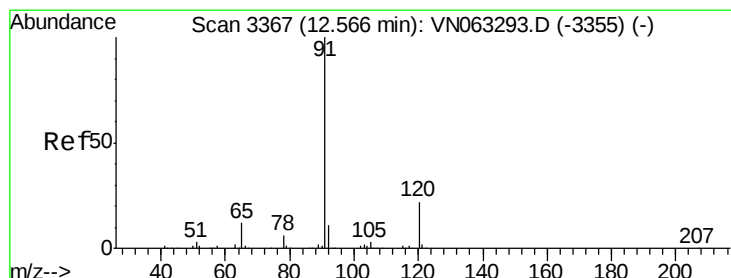
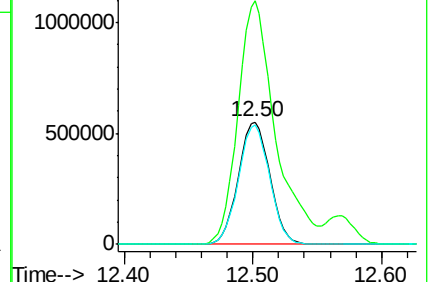
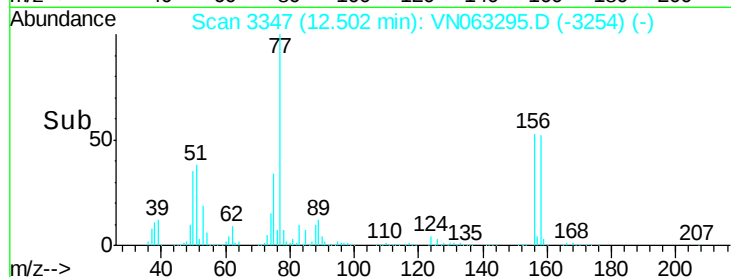
158 96.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.503 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063295.D

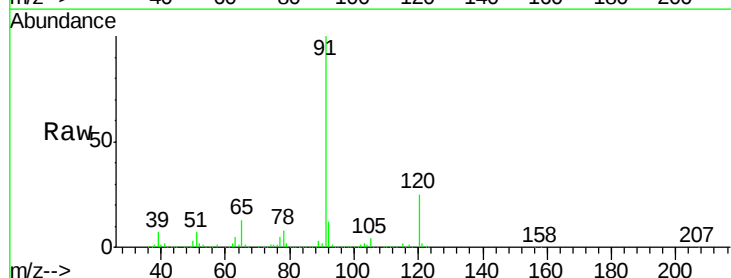
Acq: 10 Sep 2020 14:44

Tgt Ion: 91 Resp: 4514499

Ion Ratio Lower Upper

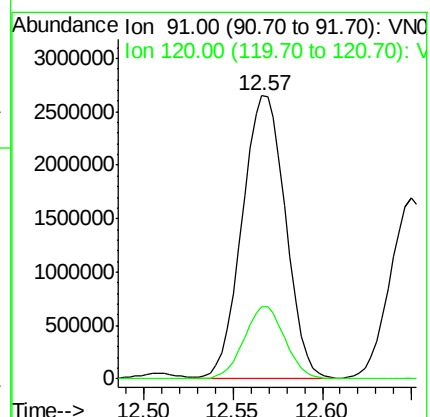
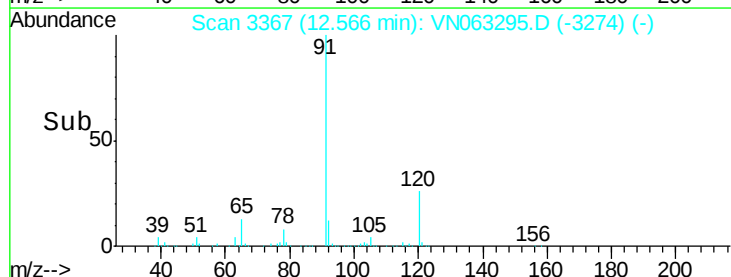
91 100

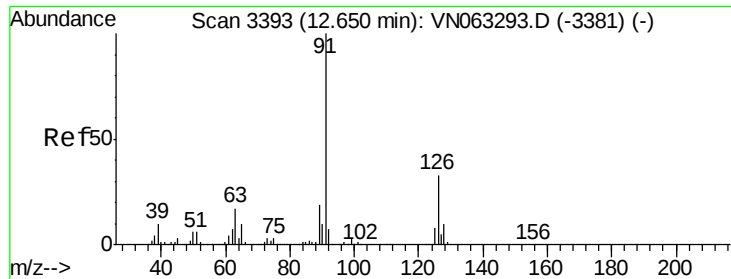
120 24.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 145.332 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

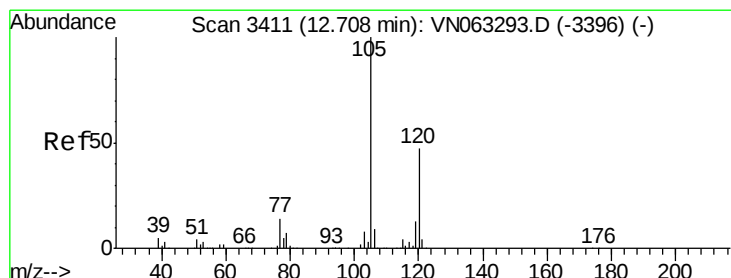
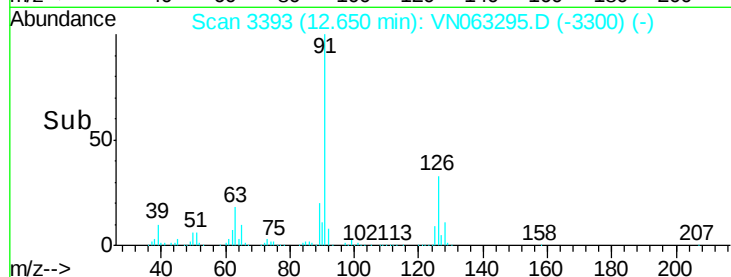
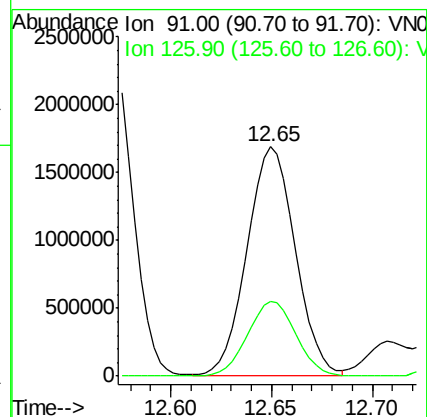
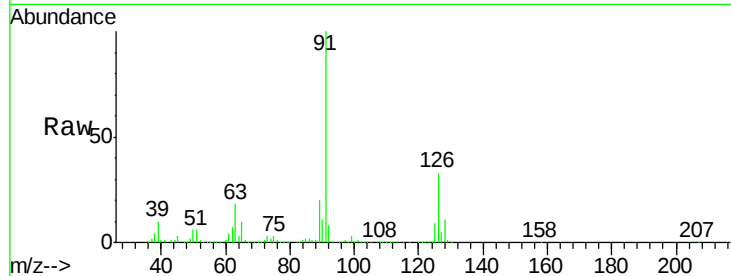
VSTDIC150

Tgt Ion: 91 Resp: 2844948

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 145.062 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063295.D

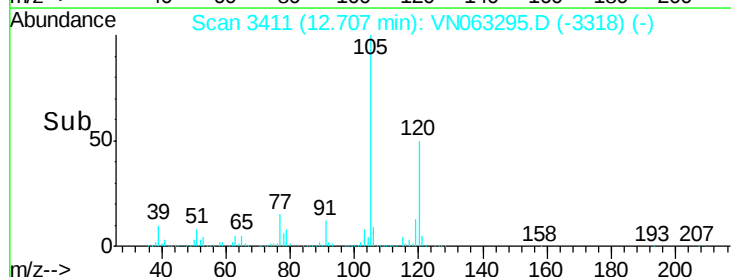
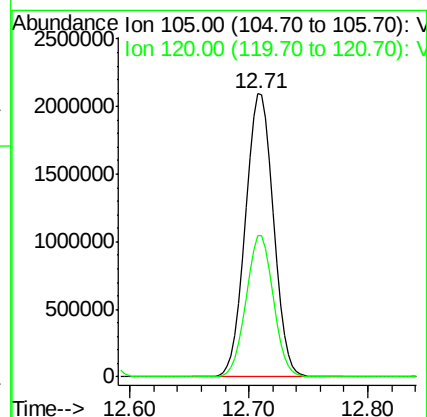
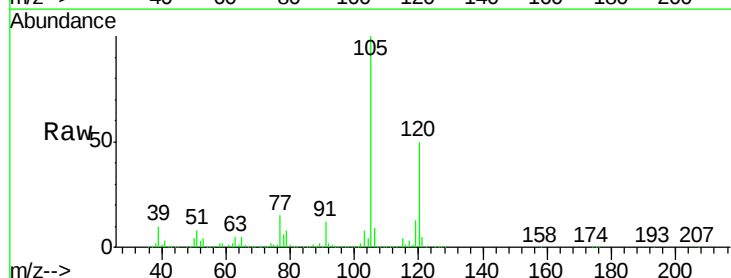
Acq: 10 Sep 2020 14:44

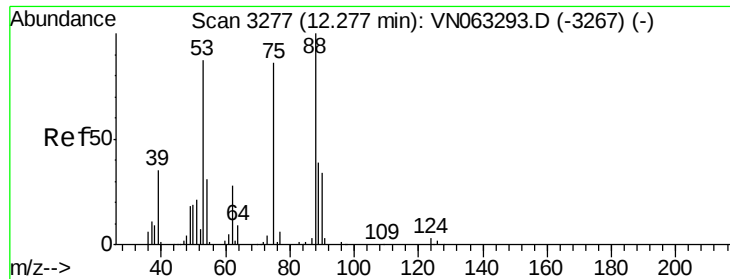
Tgt Ion: 105 Resp: 3416200

Ion Ratio Lower Upper

105 100

120 48.5 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 153.827 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

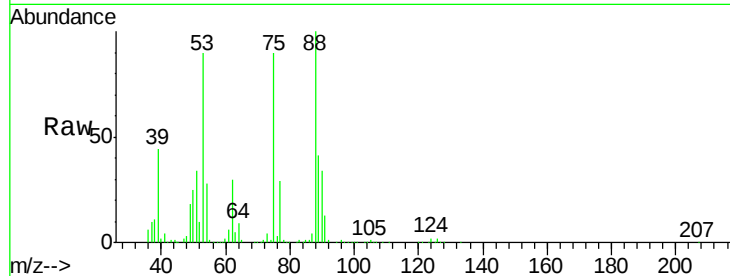
Tgt Ion: 75 Resp: 458214

Ion Ratio Lower Upper

75 100

53 100.8 81.8 122.8

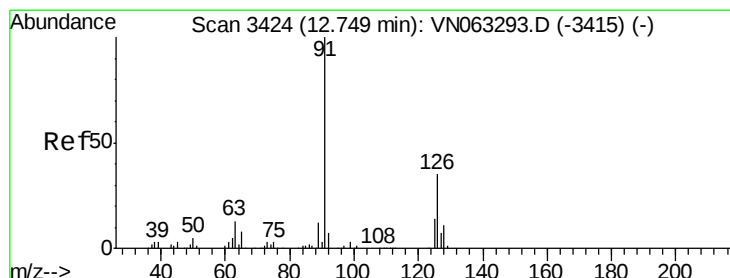
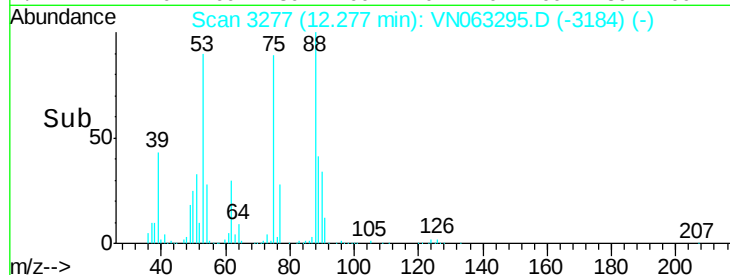
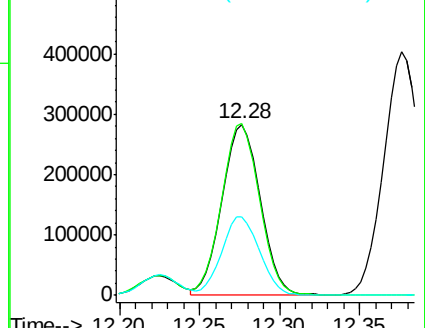
89 46.1 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN063295.D (-3267) (-)

Ion 53.00 (52.70 to 53.70): VN063295.D (-3267) (-)

Ion 88.90 (88.60 to 89.60): VN063295.D (-3267) (-)



#82

4-Chlorotoluene

Concen: 148.516 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063295.D

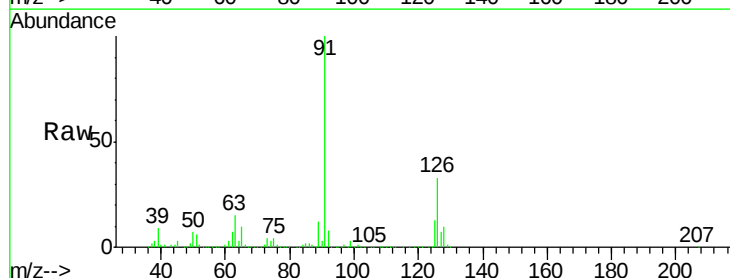
Acq: 10 Sep 2020 14:44

Tgt Ion: 91 Resp: 3012084

Ion Ratio Lower Upper

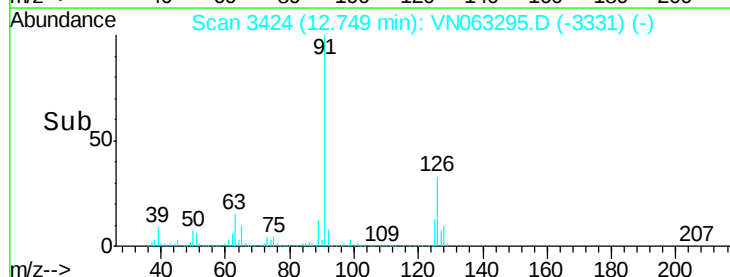
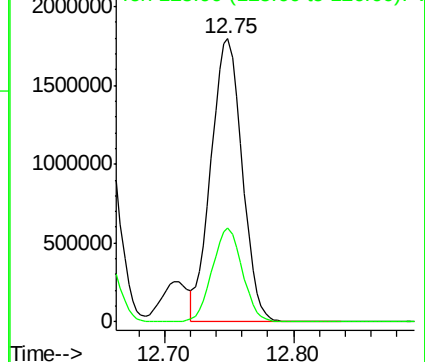
91 100

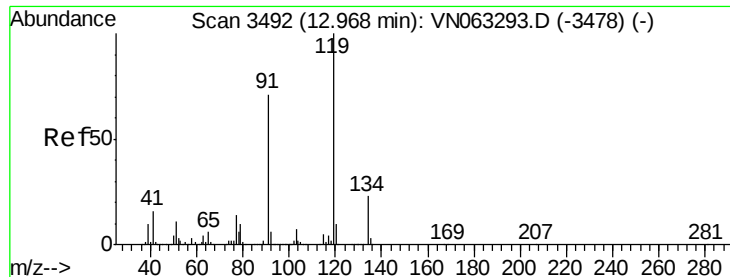
126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063295.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063295.D (-3415) (-)

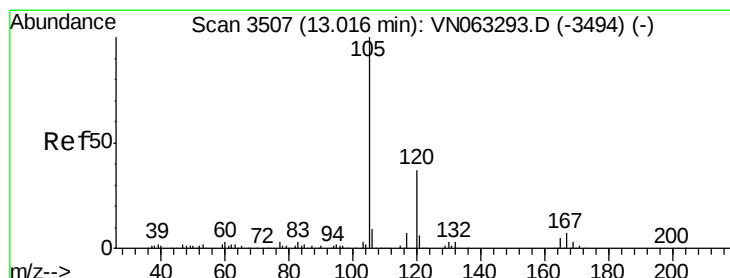
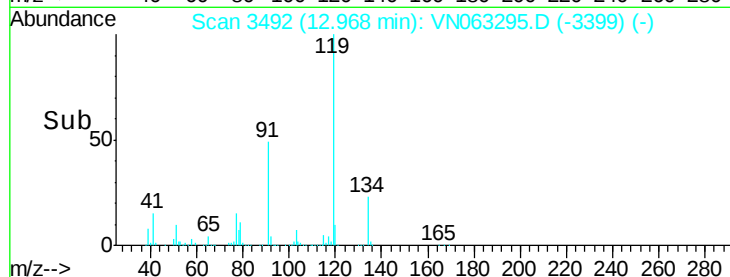
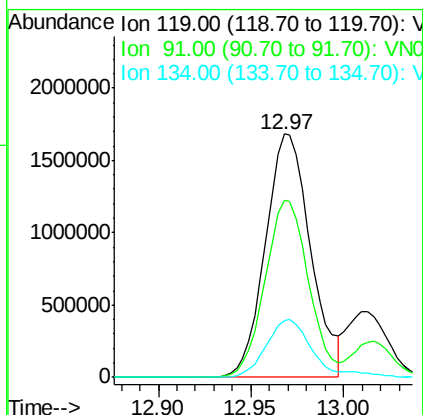
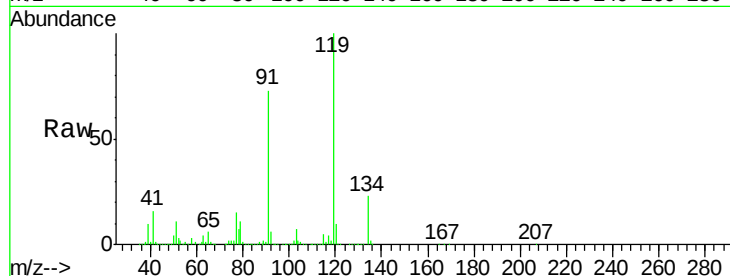




#83
 tert-Butylbenzene
 Concen: 142.556 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

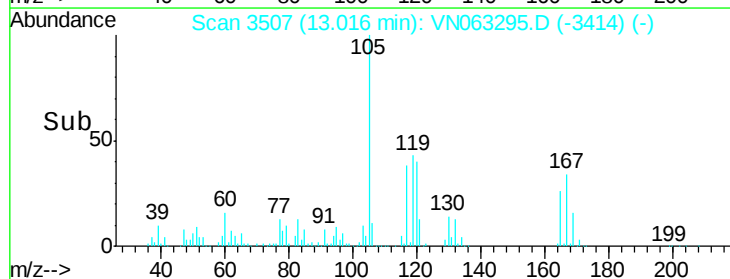
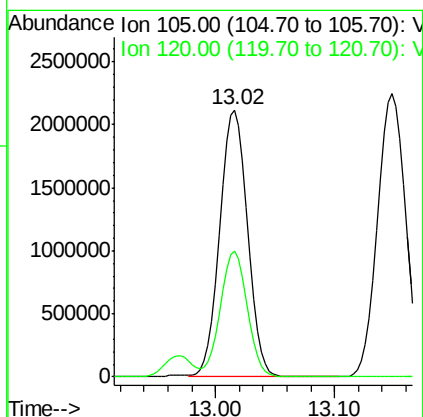
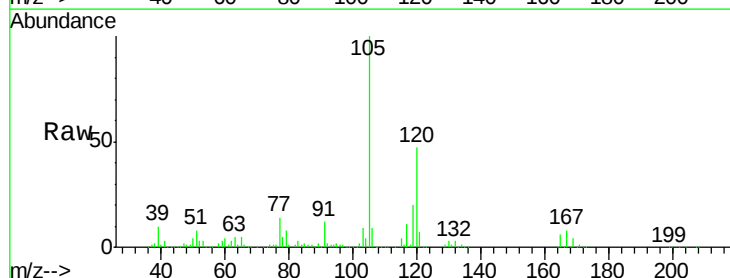
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

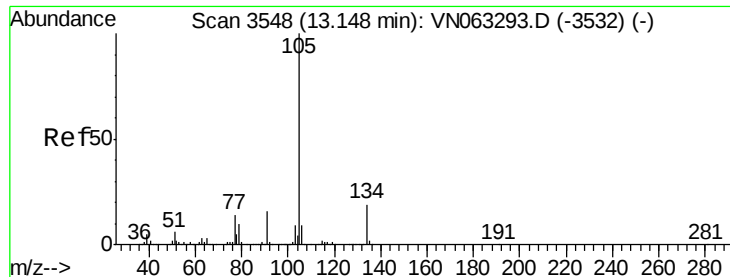
Tgt Ion:119 Resp: 2865501
 Ion Ratio Lower Upper
 119 100
 91 69.9 34.8 104.3
 134 24.5 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 144.214 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion:105 Resp: 3422840
 Ion Ratio Lower Upper
 105 100
 120 45.7 21.8 65.4

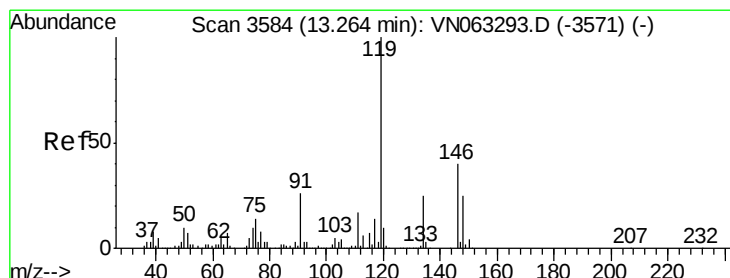
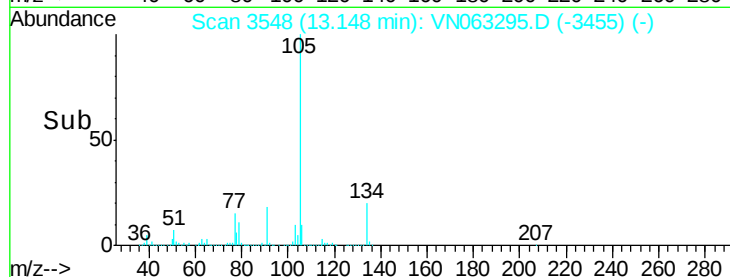
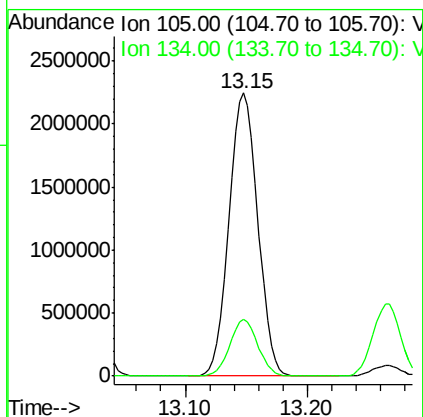
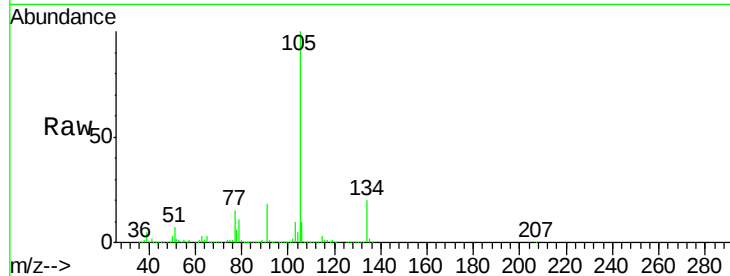




#85
 sec-Butylbenzene
 Concen: 141.627 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

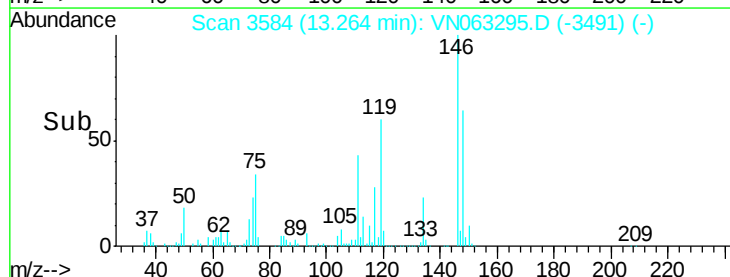
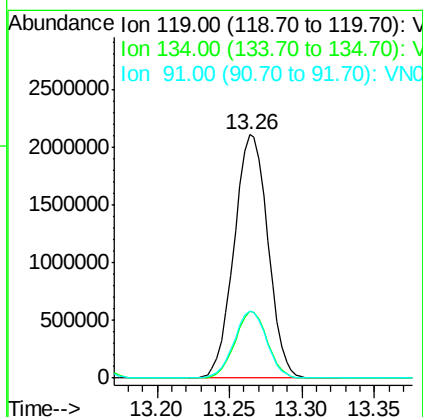
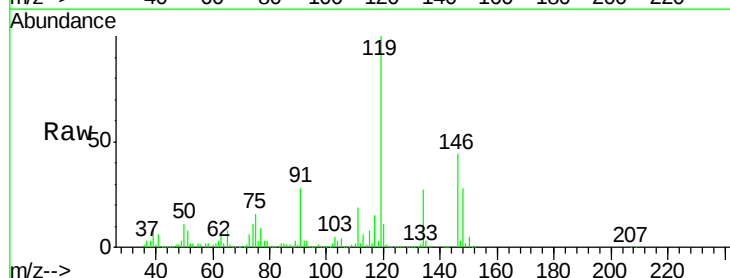
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

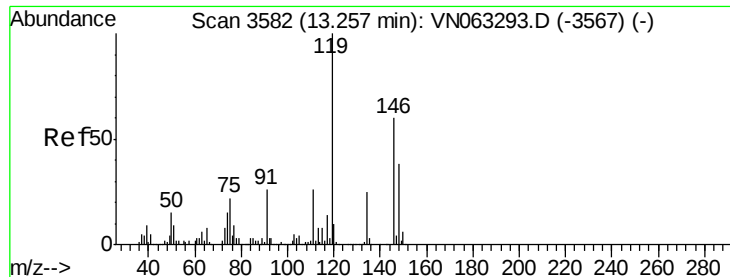
Tgt Ion:105 Resp: 3692892
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 146.543 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion:119 Resp: 3400752
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 26.6 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 149.930 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

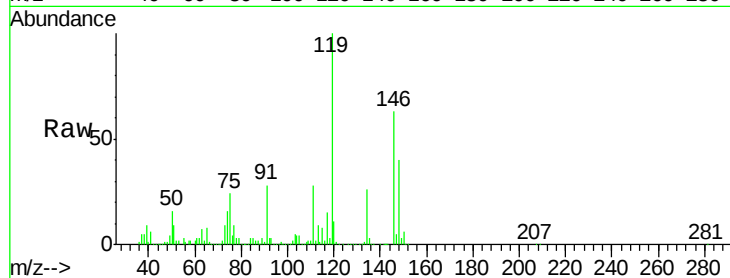
Tgt Ion:146 Resp: 1758918

Ion Ratio Lower Upper

146 100

111 43.9 21.8 65.4

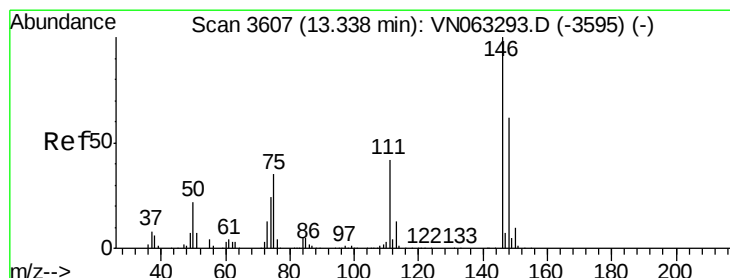
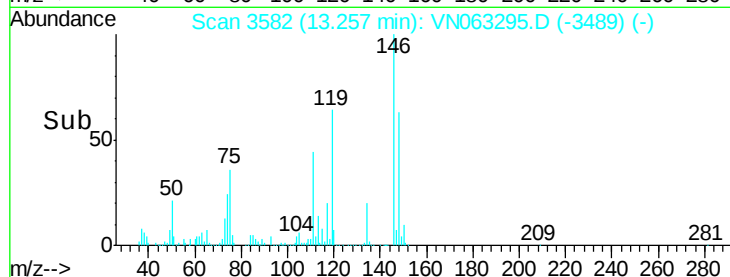
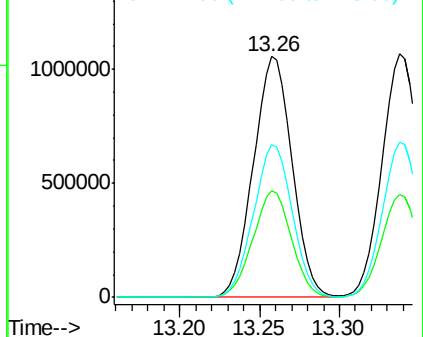
148 63.5 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 145.442 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

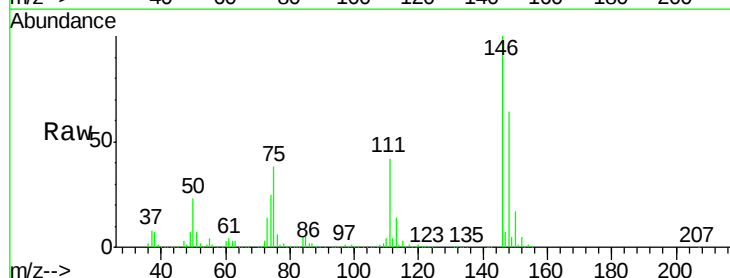
Tgt Ion:146 Resp: 1760266

Ion Ratio Lower Upper

146 100

111 42.2 21.3 64.0

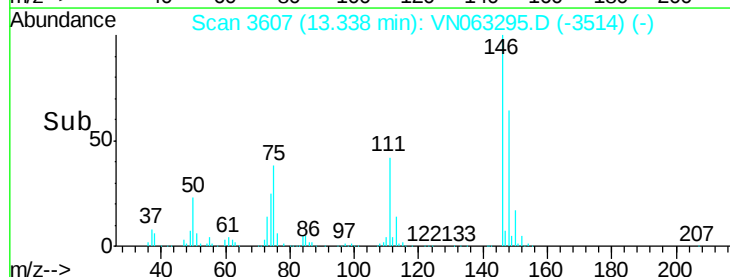
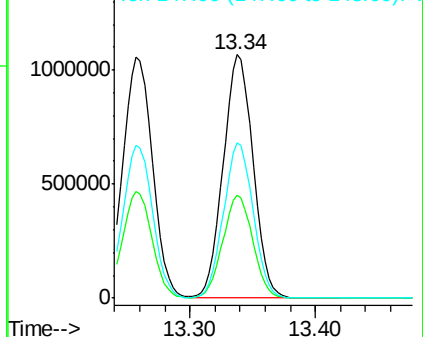
148 63.5 31.5 94.5

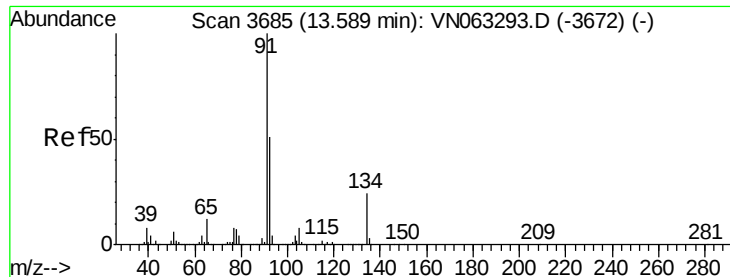


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 146.605 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

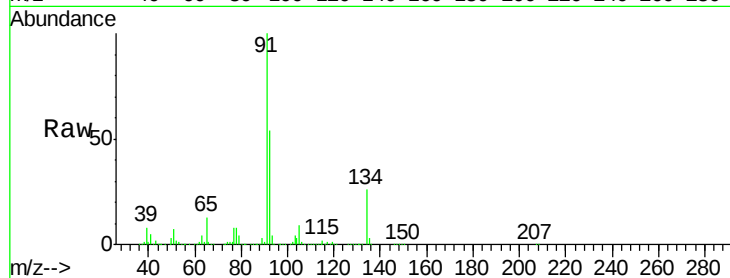
Tgt Ion: 91 Resp: 3147494

Ion Ratio Lower Upper

91 100

92 53.3 25.8 77.3

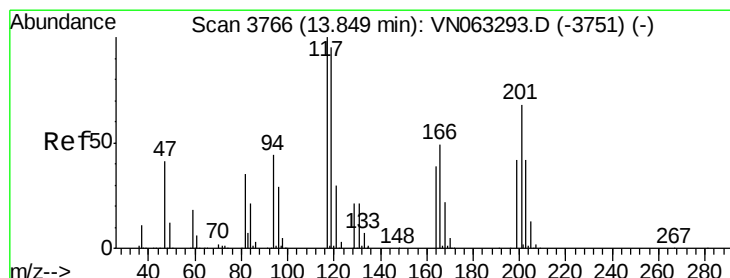
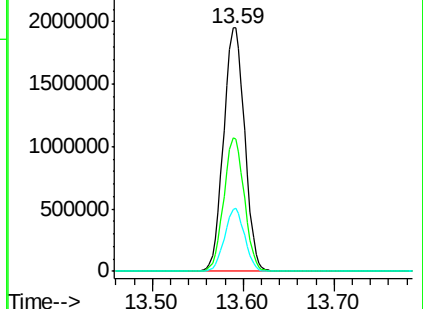
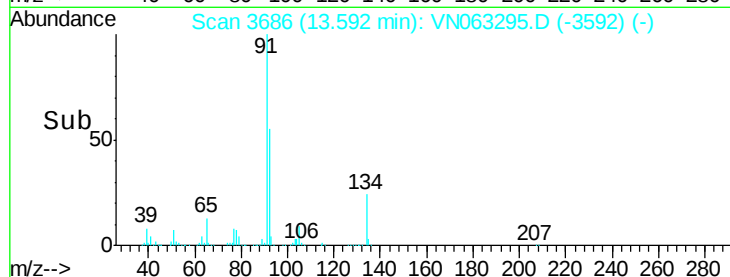
134 24.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063295.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063295.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063295.D (-3672) (-)



#90

Hexachloroethane

Concen: 149.793 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063295.D

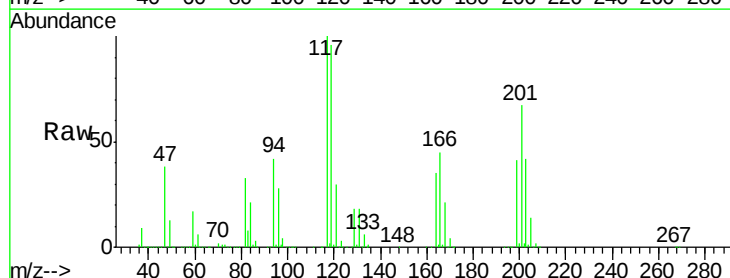
Acq: 10 Sep 2020 14:44

Tgt Ion: 117 Resp: 640892

Ion Ratio Lower Upper

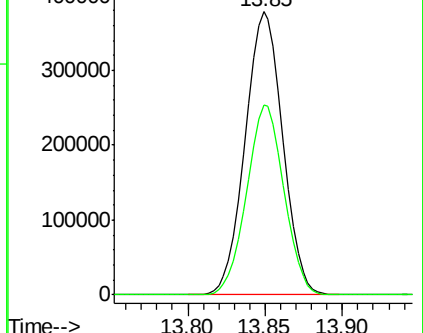
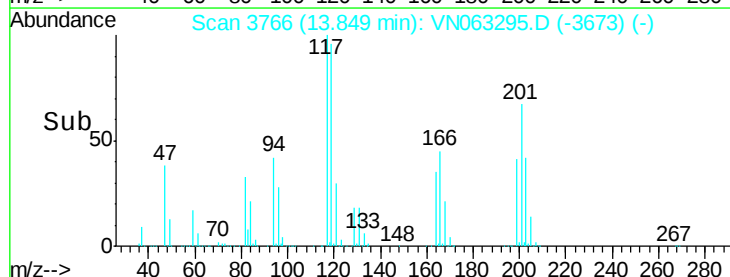
117 100

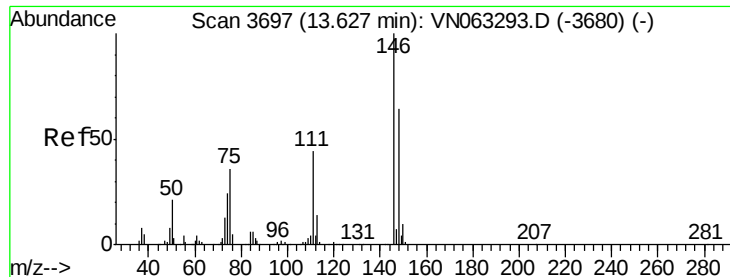
201 66.6 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): VN063295.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN063295.D (-3751) (-)

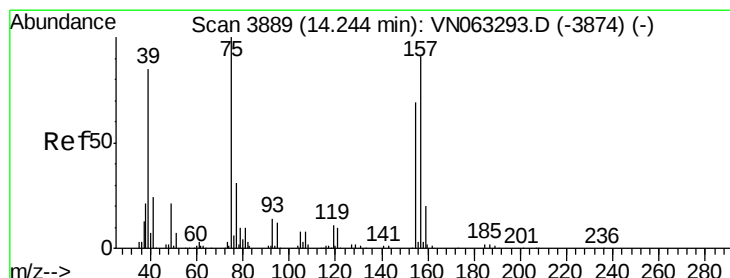
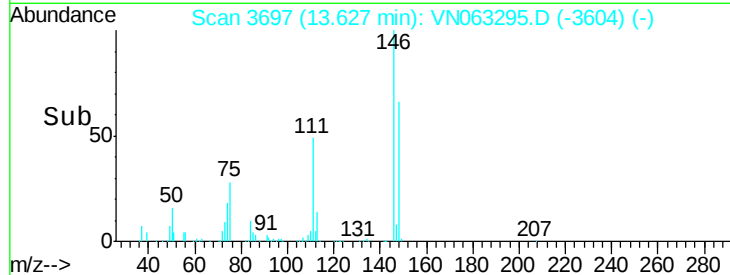
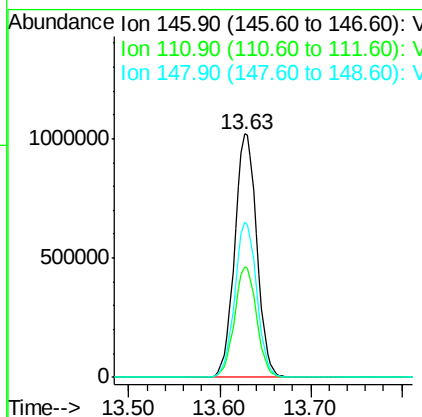
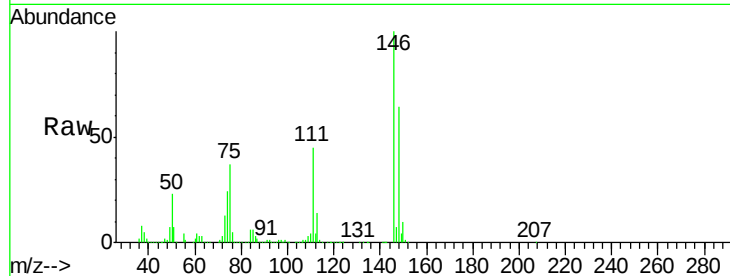




#91
 1,2-Dichlorobenzene
 Concen: 151.231 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

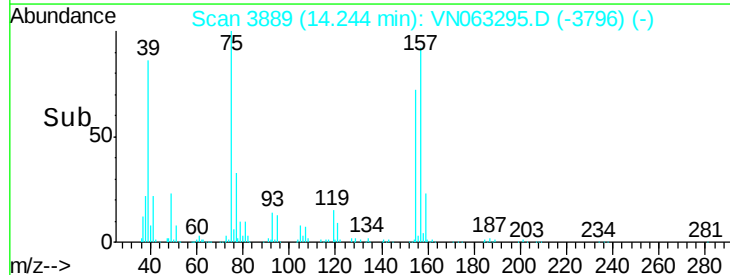
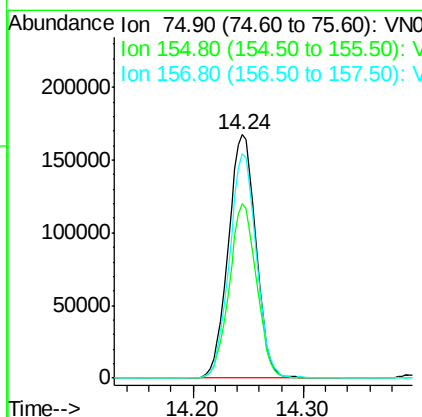
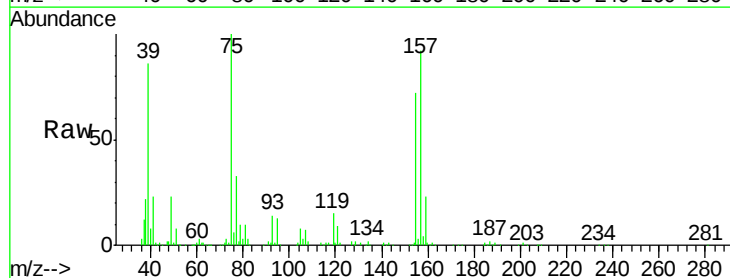
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

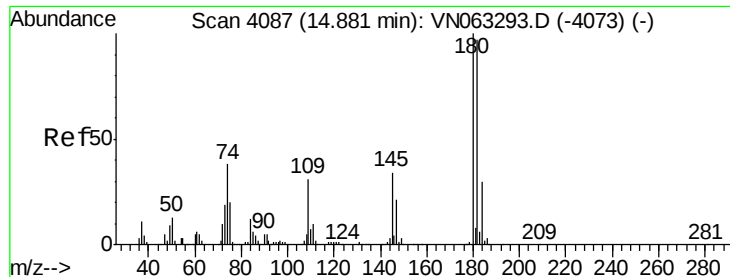
Tgt Ion:146 Resp: 1722318
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.1 66.5
 148 63.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 160.134 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion: 75 Resp: 290285
 Ion Ratio Lower Upper
 75 100
 155 70.9 35.3 105.7
 157 90.1 46.7 140.0

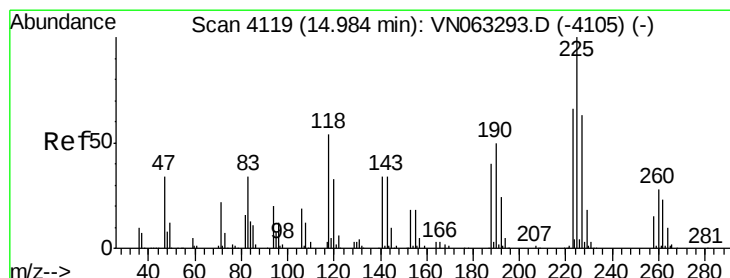
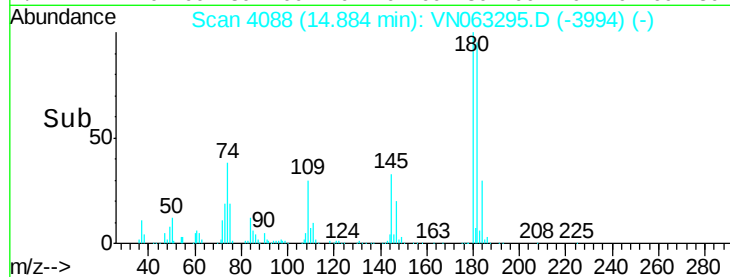
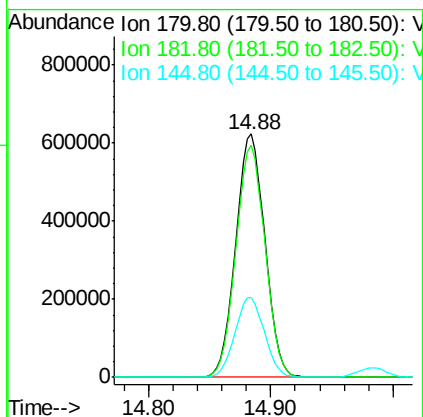
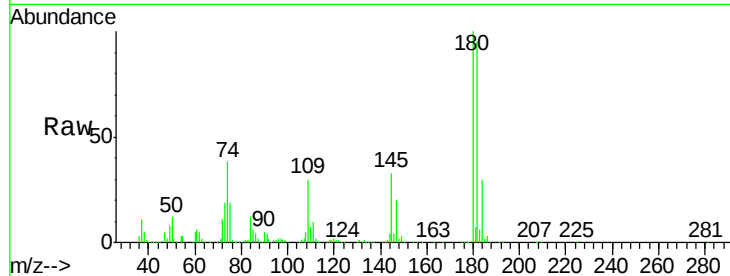




#93
 1,2,4-Trichlorobenzene
 Concen: 160.261 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

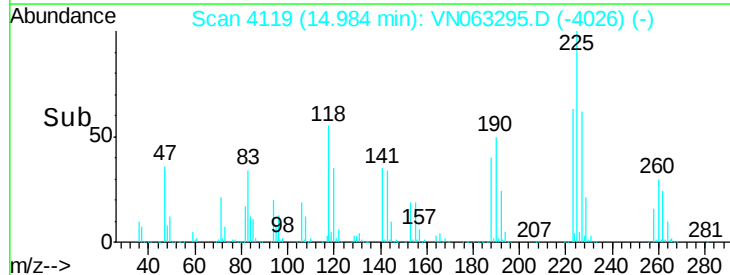
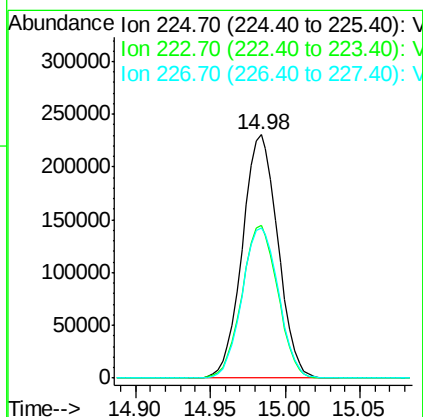
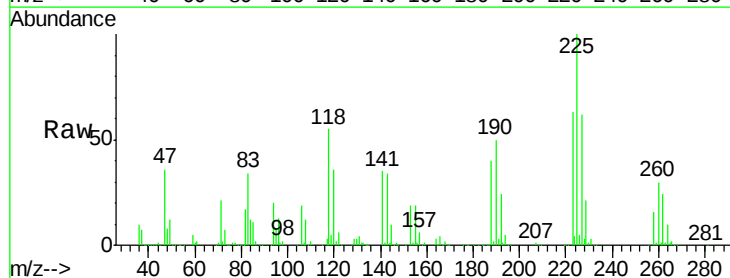
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

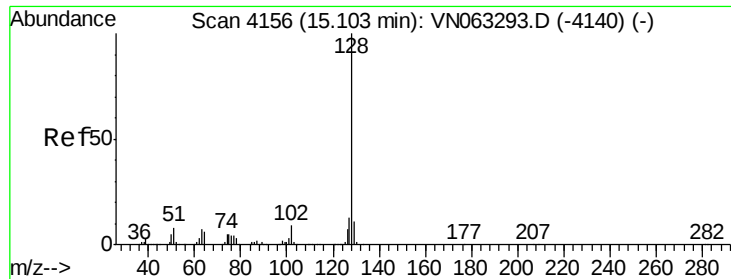
Tgt Ion:180 Resp: 1031454
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.0 144.2
 145 33.3 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 156.497 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063295.D
 Acq: 10 Sep 2020 14:44

Tgt Ion:225 Resp: 380685
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.9
 227 63.5 31.2 93.6





#95

Naphthalene

Concen: 154.040 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

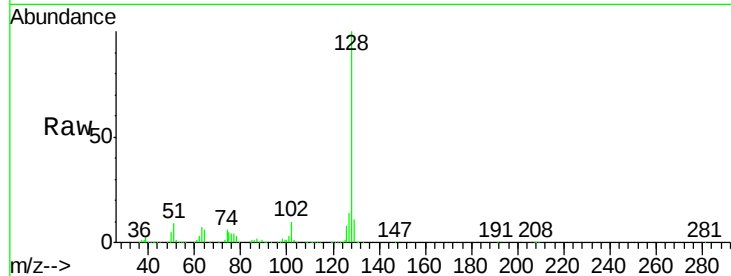
Tgt Ion:128 Resp: 3244139

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

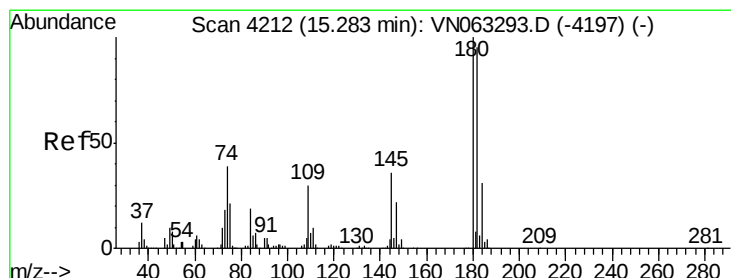
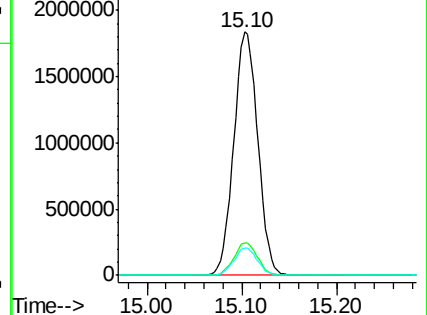
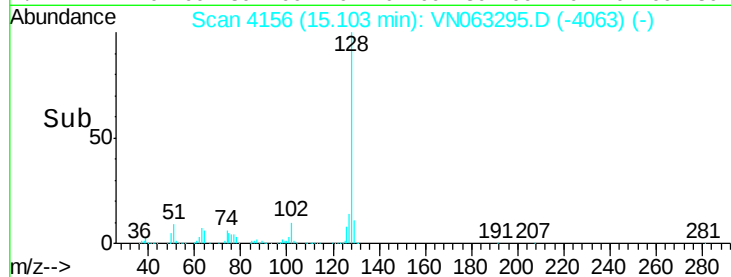
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 153.598 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063295.D

Acq: 10 Sep 2020 14:44

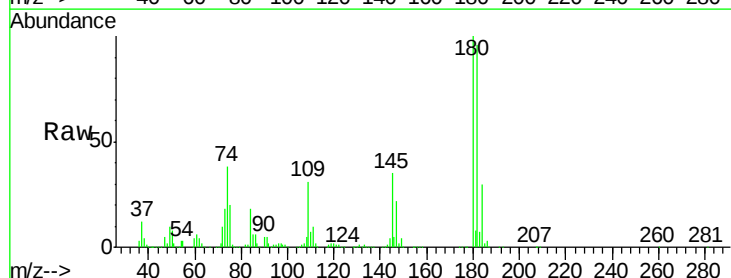
Tgt Ion:180 Resp: 962989

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.3

145 34.8 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

