

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063328.D
 Acq On : 11 Sep 2020 20:42
 Operator : JC/MD
 Sample : L3988-23MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 00:44:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	417528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	750024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	693981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	325329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	324112	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	7.55	113	239981	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.06	98	946100	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.38	95	343096	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	196023	48.884	ug/l	98
3) Chloromethane	2.04	50	283849	54.273	ug/l	98
4) Vinyl Chloride	2.17	62	294461	51.904	ug/l	99
5) Bromomethane	2.53	94	191166	48.297	ug/l	99
6) Chloroethane	2.68	64	189510	51.065	ug/l	95
7) Trichlorofluoromethane	2.99	101	443659	50.570	ug/l	98
8) Diethyl Ether	3.37	74	158855	50.781	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	224444	48.967	ug/l	99
10) Methyl Iodide	3.91	142	320063	53.868	ug/l	99
11) Tert butyl alcohol	4.73	59	203284	234.384	ug/l	99
12) 1,1-Dichloroethene	3.70	96	231175	50.526	ug/l	96
13) Acrolein	3.57	56	213627	425.627	ug/l	99
14) Allyl chloride	4.28	41	442594	47.122	ug/l	98
15) Acrylonitrile	4.93	53	633296	267.060	ug/l	99
16) Acetone	3.77	43	547701	241.793	ug/l	99
17) Carbon Disulfide	4.01	76	652296	50.375	ug/l	99
18) Methyl Acetate	4.28	43	271908	47.752	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	837989	51.256	ug/l	99
20) Methylene Chloride	4.51	84	274529	53.317	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	251374	49.094	ug/l	99
22) Diisopropyl ether	5.90	45	953015	51.559	ug/l	98
23) Vinyl Acetate	5.84	43	3701513	254.412	ug/l	99
24) 1,1-Dichloroethane	5.80	63	508973	50.847	ug/l	99
25) 2-Butanone	6.78	43	862492	257.763	ug/l	100
26) 2,2-Dichloropropane	6.78	77	360526	41.092	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	295278	49.483	ug/l	97
28) Bromochloromethane	7.15	49	233759	48.159	ug/l	98
29) Tetrahydrofuran	7.17	42	575962	264.354	ug/l	99
30) Chloroform	7.33	83	511249	51.010	ug/l	99
31) Cyclohexane	7.61	56	463396	50.366	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	442629	50.662	ug/l	99
36) 1,1-Dichloropropene	7.75	75	380290	49.328	ug/l	100
37) Ethyl Acetate	6.88	43	363107	47.875	ug/l	99
38) Carbon Tetrachloride	7.74	117	381840	50.324	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	475320	56.515	ug/l	100
40) Benzene	8.00	78	1123180	51.008	ug/l	100
41) Methacrylonitrile	7.16	41	545831	159.101	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	422095	50.524	ug/l	97
43) Isopropyl Acetate	8.13	43	675454	52.587	ug/l	98
44) Trichloroethene	8.80	130	287385	49.906	ug/l	100
45) 1,2-Dichloropropane	9.08	63	306219	50.700	ug/l	99
46) Dibromomethane	9.18	93	200276	51.135	ug/l	99
47) Bromodichloromethane	9.37	83	412534	50.543	ug/l	97
48) Methyl methacrylate	9.17	41	310857	50.721	ug/l	99
49) 1,4-Dioxane	9.16	88	84058	885.839	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1941469	274.274	ug/l	99
52) Toluene	10.13	92	690973	51.396	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	447780	50.309	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	475878	49.658	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	307245	58.323	ug/l	98
56) Ethyl methacrylate	10.40	69	446997	55.798	ug/l	96
57) 1,3-Dichloropropane	10.68	76	480069	52.150	ug/l	100
59) 2-Hexanone	10.72	43	1411343	270.346	ug/l	99
60) Dibromochloromethane	10.87	129	305422	52.796	ug/l	99
61) 1,2-Dibromoethane	10.98	107	284643	51.829	ug/l	100
64) Tetrachloroethene	10.60	164	283419	49.853	ug/l	100
65) Chlorobenzene	11.41	112	738455	49.427	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	274599	50.447	ug/l	99
67) Ethyl Benzene	11.49	91	2744231	102.315	ug/l	98
68) m/p-Xylenes	11.60	106	1013446	102.149	ug/l	98
69) o-Xylene	11.92	106	484364	50.872	ug/l	99
70) Stvrene	11.94	104	816212	51.579	ug/l	99
71) Bromoform	12.10	173	196679	52.240	ug/l #	99
73) Isopropylbenzene	12.23	105	1835881	69.962	ug/l	100
74) N-amyl acetate	12.05	43	570069	52.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	378711	50.392	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	532102	74.137	ug/l #	100
77) Bromobenzene	12.50	156	305700	50.681	ug/l	97
78) n-propylbenzene	12.57	91	2183695	73.253	ug/l	100
79) 2-Chlorotoluene	12.65	91	904575	49.351	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1244932	57.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	128901	48.254	ug/l	99
82) 4-Chlorotoluene	12.75	91	945815	49.226	ug/l	99
83) tert-Butylbenzene	12.97	119	921592	49.872	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	2105904	95.887	ug/l	99
85) sec-Butylbenzene	13.15	105	1324290	56.328	ug/l	98
86) p-Isopropyltoluene	13.27	119	1080111	50.113	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	544473	49.376	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	545472	51.765	ug/l	100
89) n-Butylbenzene	13.59	91	1024388	52.650	ug/l	99
90) Hexachloroethane	13.85	117	218360	61.591	ug/l	89
91) 1,2-Dichlorobenzene	13.63	146	554868	50.911	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	81828	47.882	ug/l	97
93) 1,2,4-Trichlorobenzene	14.88	180	298940	46.860	ug/l	93

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Quant Title : SW846 8260
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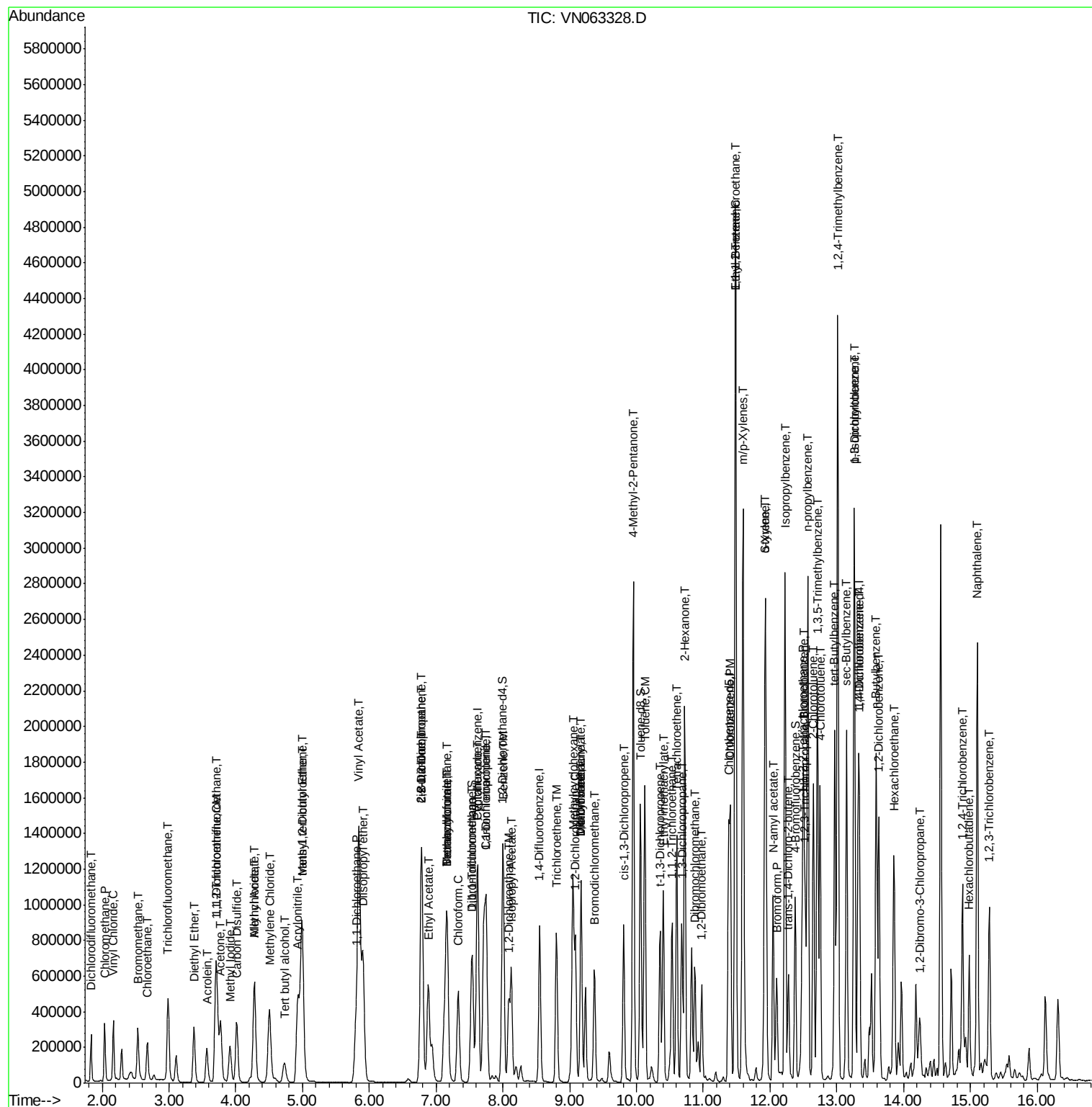
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	112221	48.769	ug/l	98
95) Naphthalene	15.10	128	1979681	103.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	290282	50.717	ug/l	96

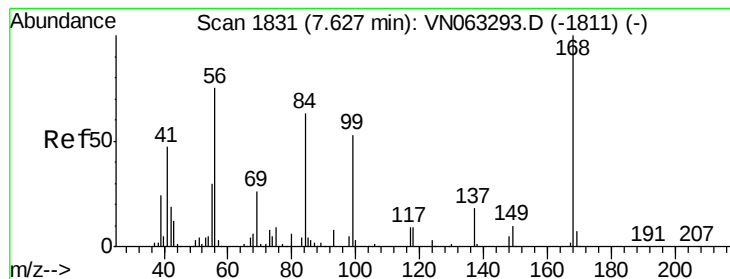
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

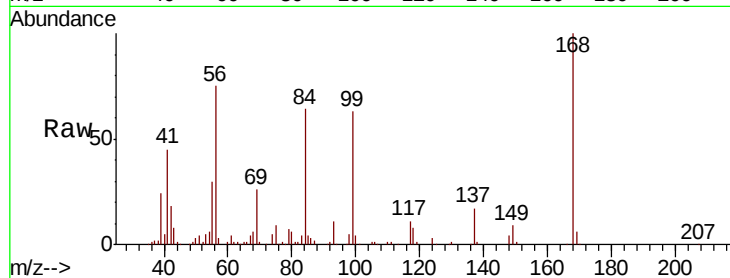
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 417528

Ion Ratio Lower Upper

168 100

99 62.4 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

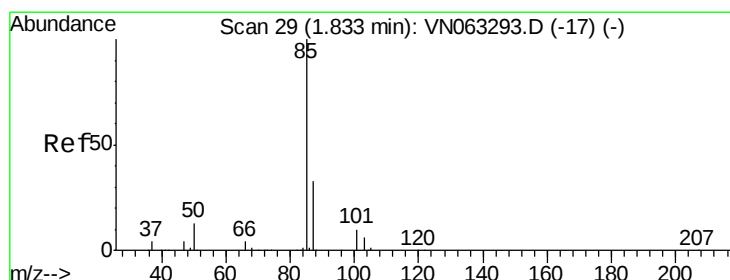
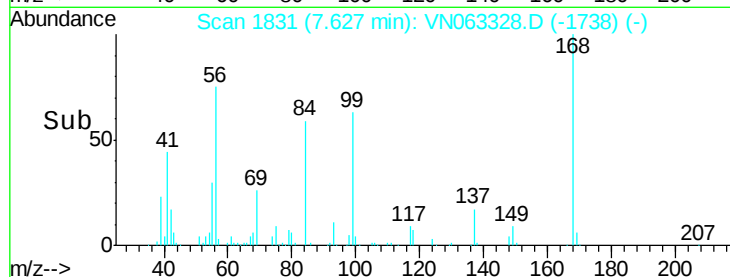
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 48.884 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063328.D

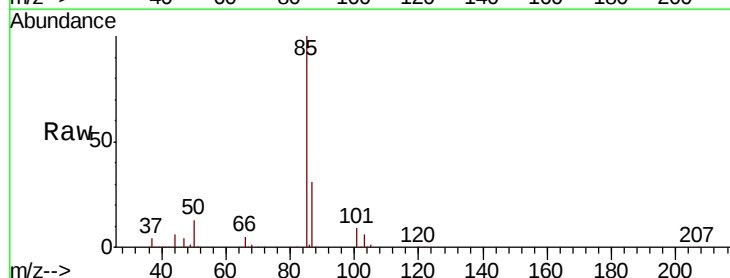
Acq: 11 Sep 2020 20:42

Tgt Ion: 85 Resp: 196023

Ion Ratio Lower Upper

85 100

87 31.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

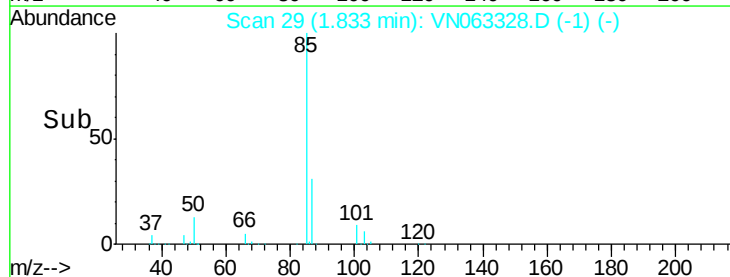
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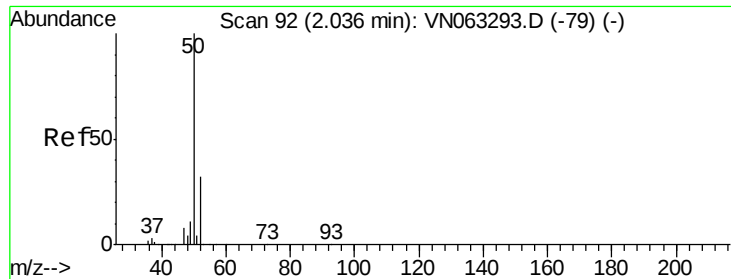
100000

50000

0

Time--> 1.80 1.85 1.90

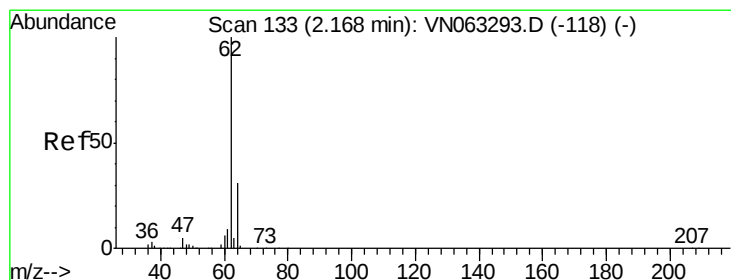
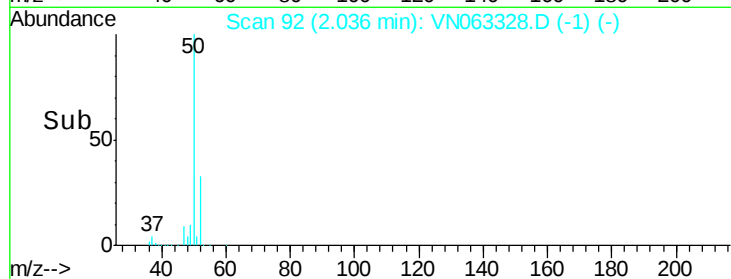
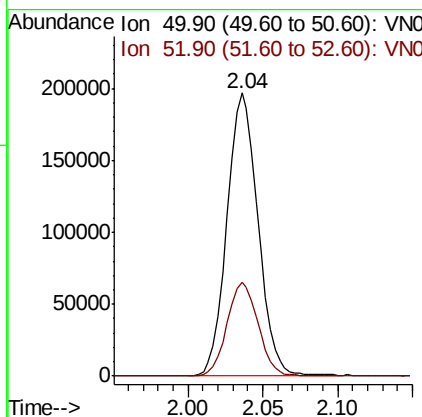
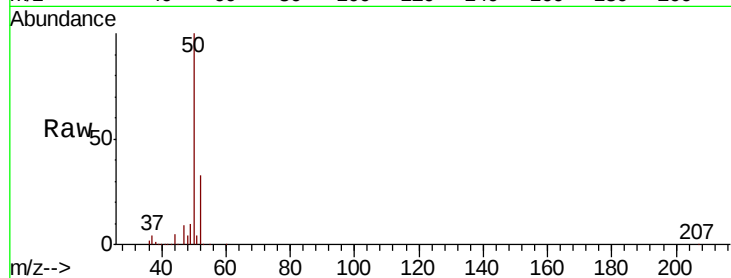




#3
Chloromethane
Concen: 54.273 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

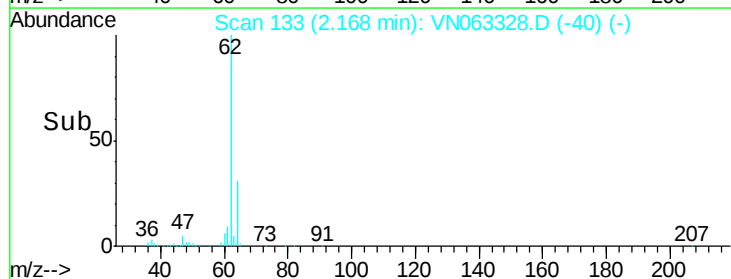
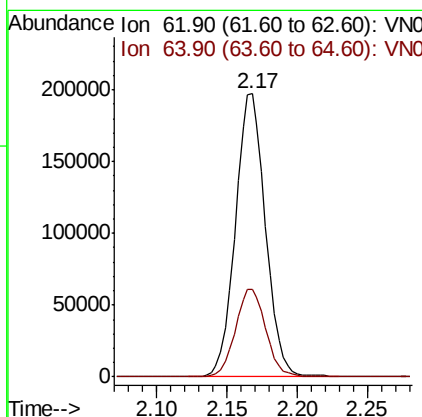
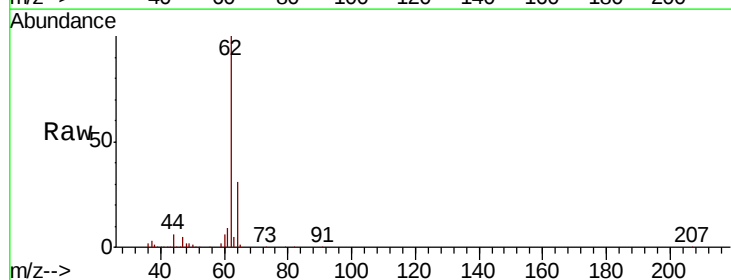
Instrument :
MSVOA_N
ClientSampled :

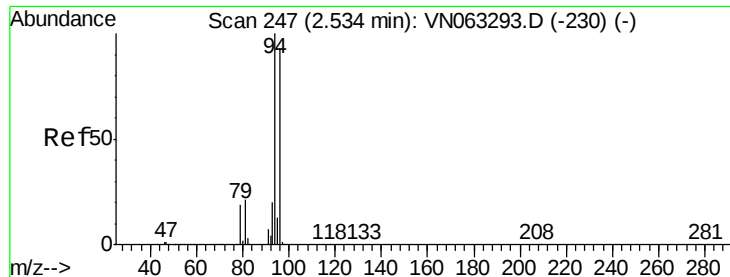
Tot Ion: 50 Resp: 283849
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 51.904 ug/l
RT: 2.17 min Scan# 133
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 62 Resp: 294461
Ion Ratio Lower Upper
62 100
64 31.1 24.6 37.0





#5

Bromomethane

Concen: 48.297 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

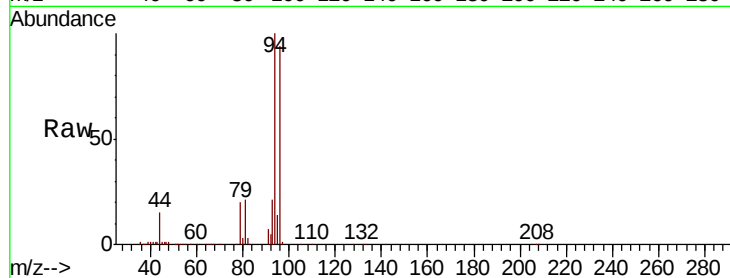
ClientSampled :

Tot Ion: 94 Resp: 191166

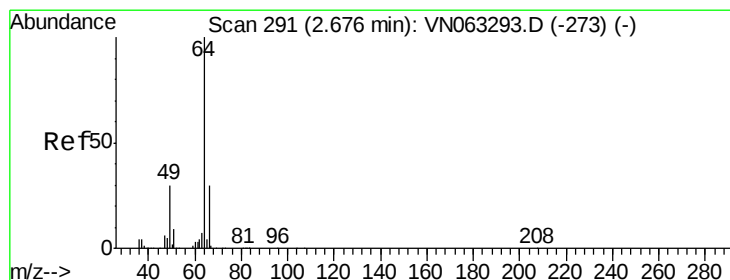
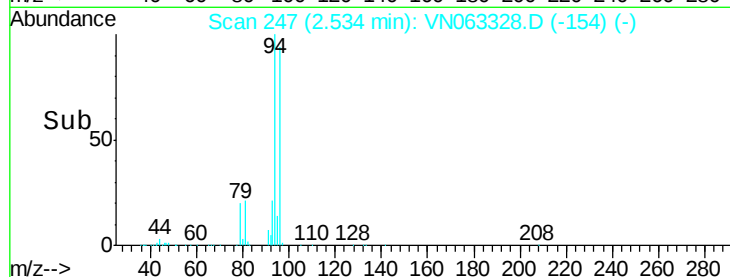
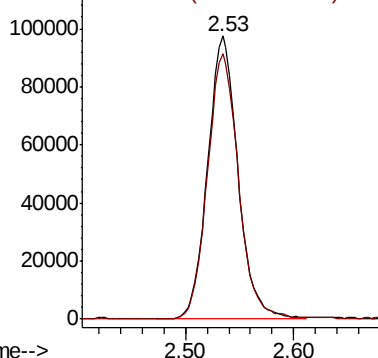
Ion Ratio Lower Upper

94 100

96 93.6 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 51.065 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063328.D

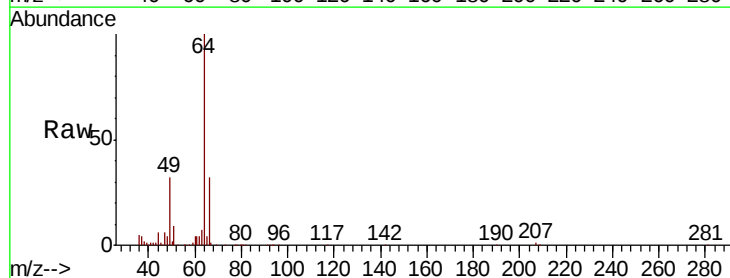
Acq: 11 Sep 2020 20:42

Tgt Ion: 64 Resp: 189510

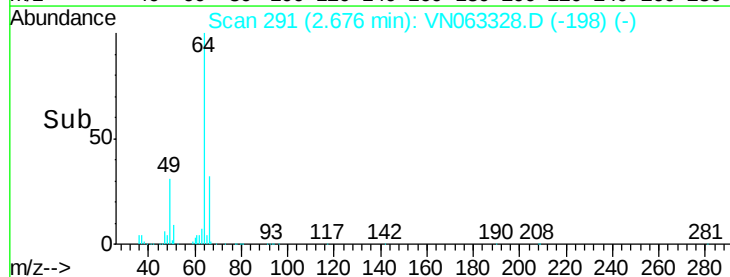
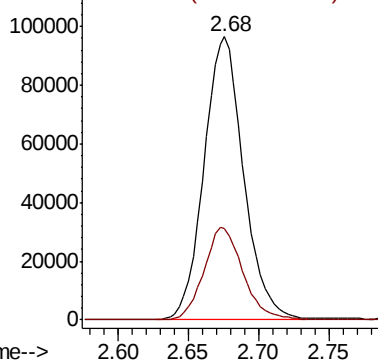
Ion Ratio Lower Upper

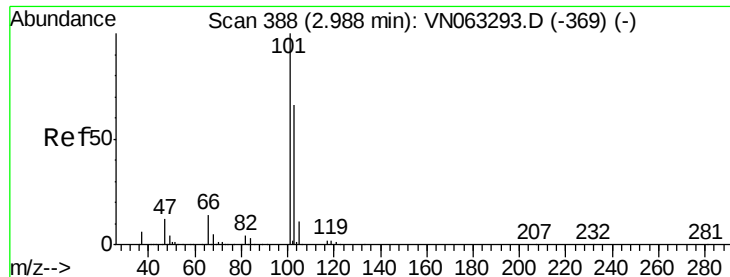
64 100

66 32.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



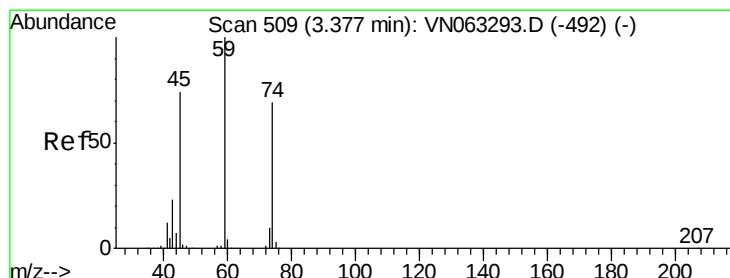
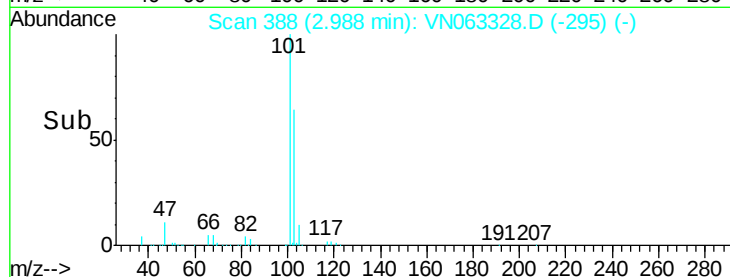
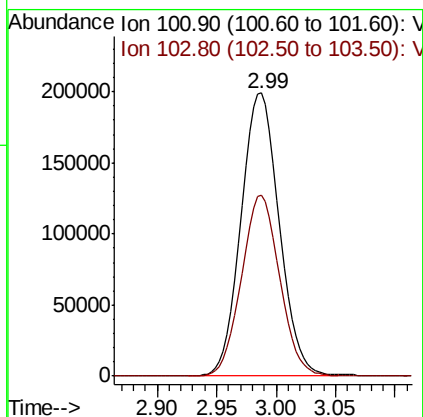
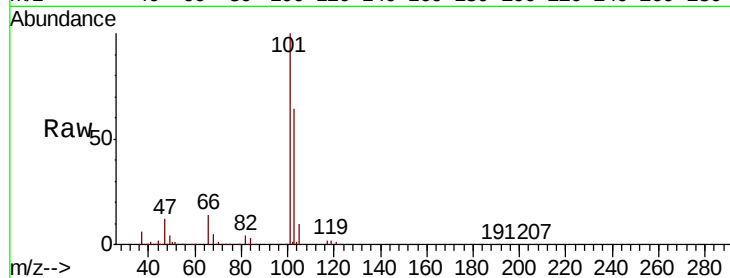


#7

Trichlorofluoromethane
Concen: 50.570 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :

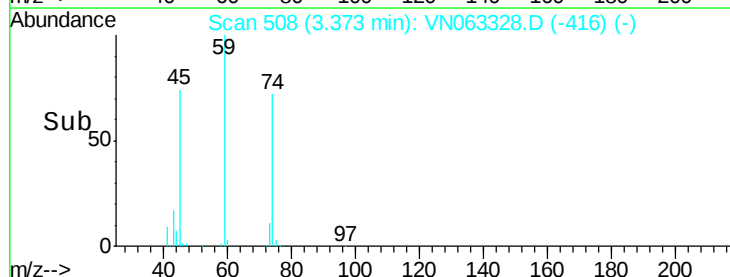
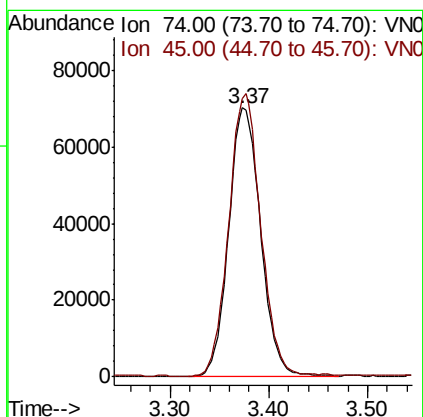
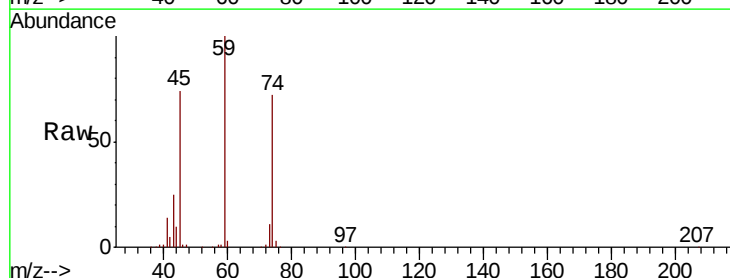
Tot Ion:101 Resp: 443659
Ion Ratio Lower Upper
101 100
103 63.9 52.4 78.6

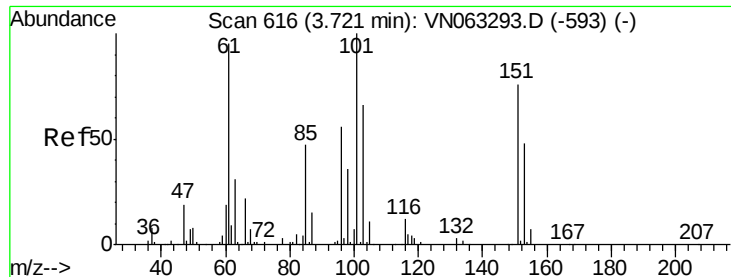


#8

Diethyl Ether
Concen: 50.781 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 74 Resp: 158855
Ion Ratio Lower Upper
74 100
45 105.0 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.967 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampled :

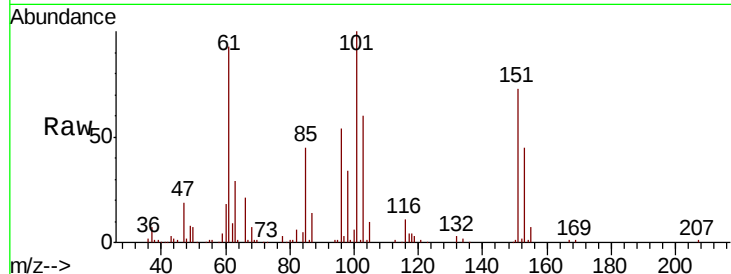
Tot Ion:101 Resp: 224444

Ion Ratio Lower Upper

101 100

85 46.6 36.9 55.3

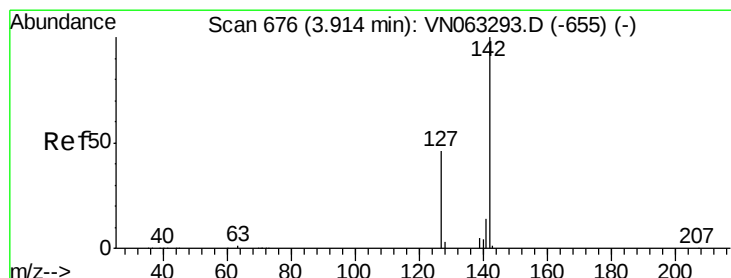
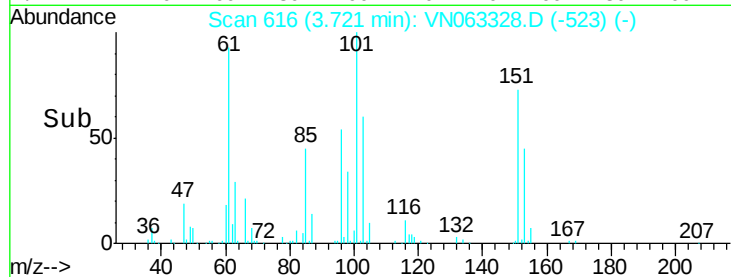
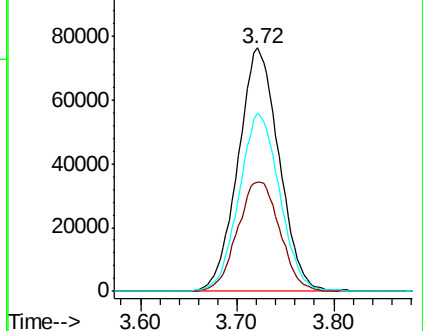
151 72.7 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.868 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

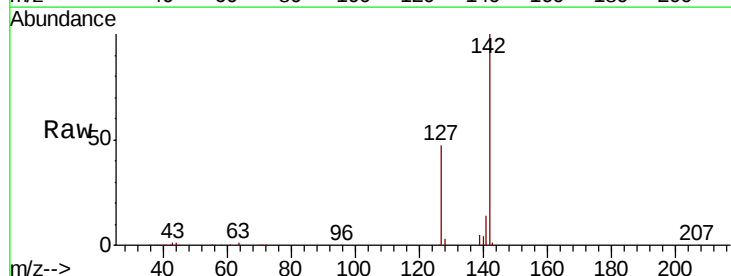
Tgt Ion:142 Resp: 320063

Ion Ratio Lower Upper

142 100

127 46.8 37.1 55.7

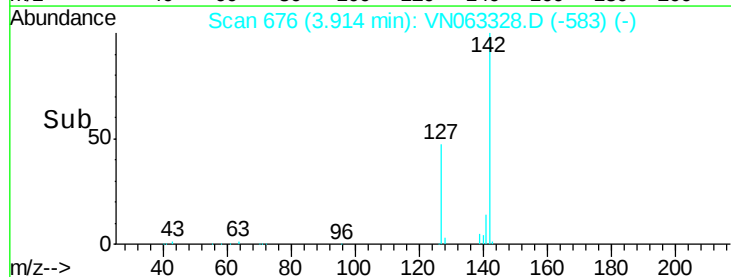
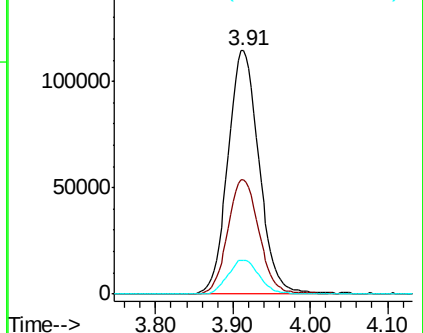
141 14.0 11.6 17.4

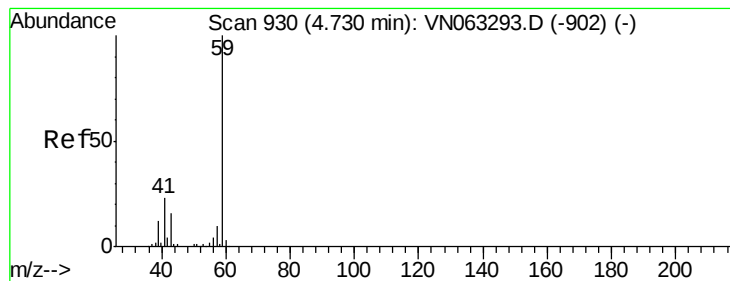


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 234.384 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

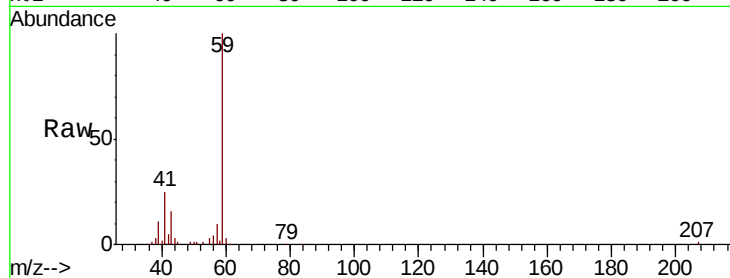
ClientSampleId :

Tot Ion: 59 Resp: 203284

Ion Ratio Lower Upper

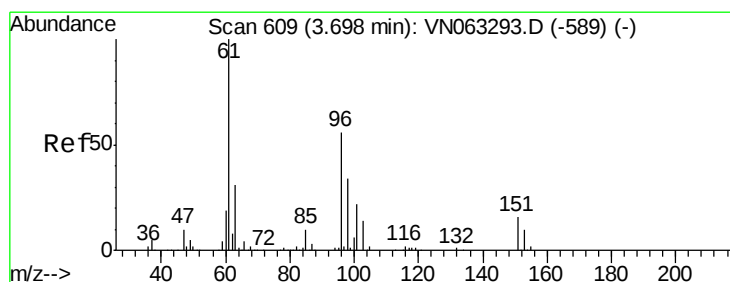
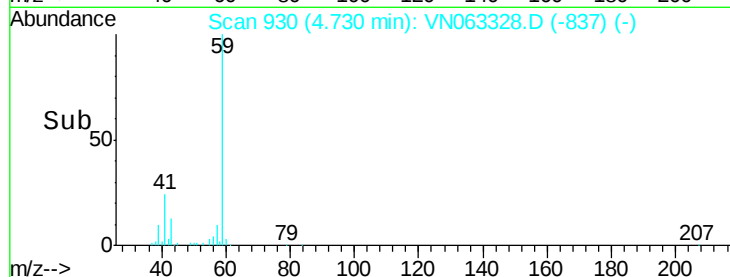
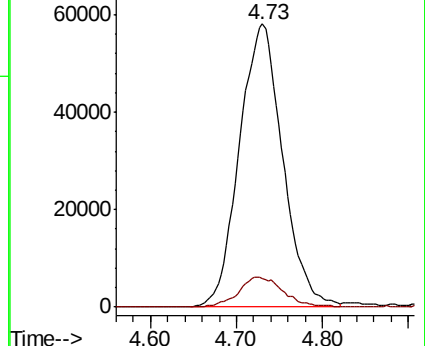
59 100

57 10.9 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 50.526 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

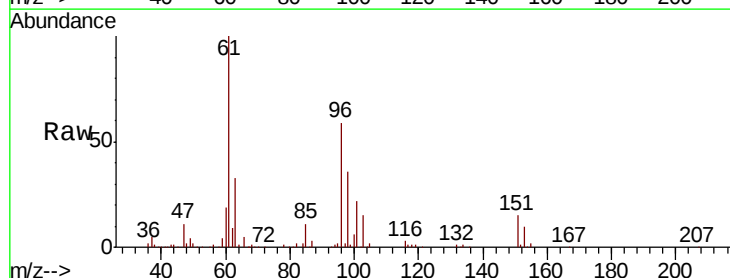
Tgt Ion: 96 Resp: 231175

Ion Ratio Lower Upper

96 100

61 170.9 142.1 213.1

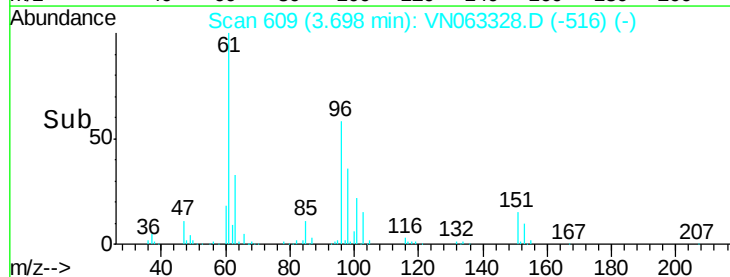
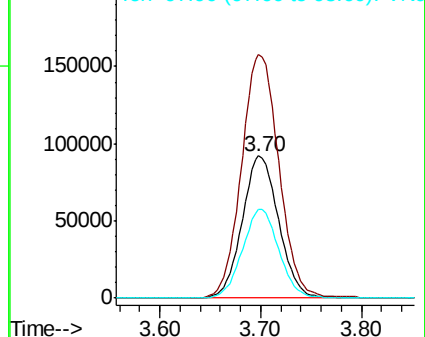
98 62.1 48.8 73.2

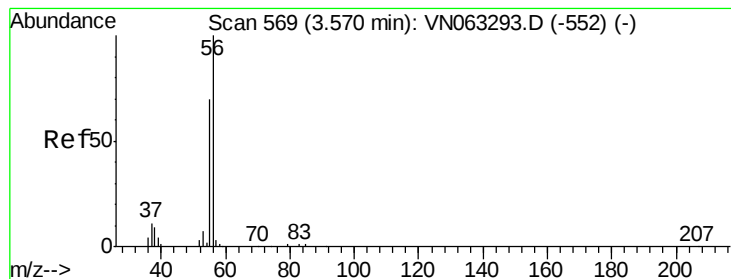


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 425.627 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

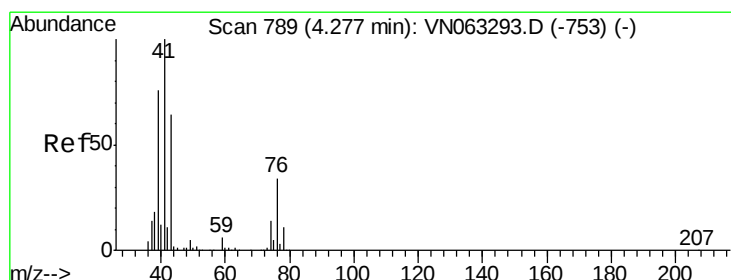
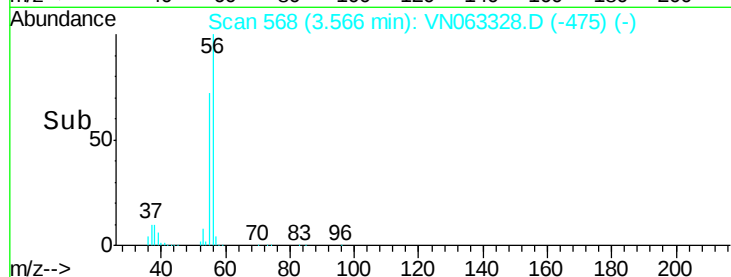
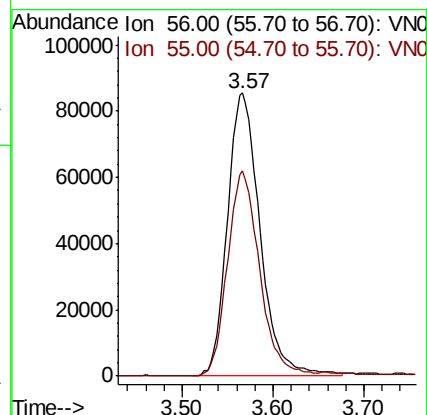
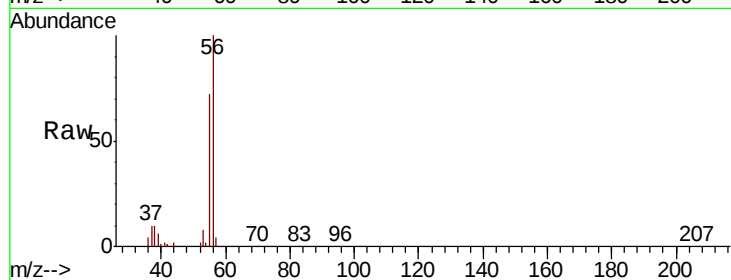
ClientSampleId :

Tot Ion: 56 Resp: 213627

Ion Ratio Lower Upper

56 100

55 70.4 57.2 85.8



#14

Allyl chloride

Concen: 47.122 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

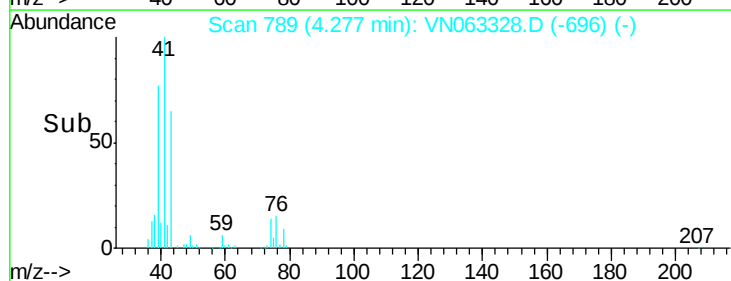
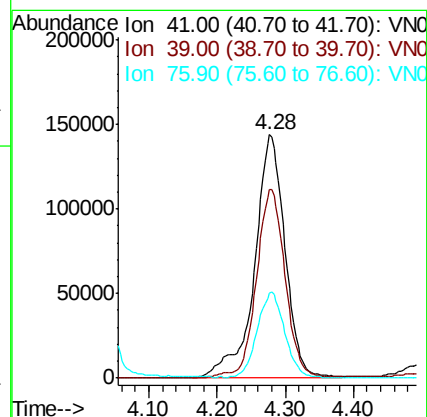
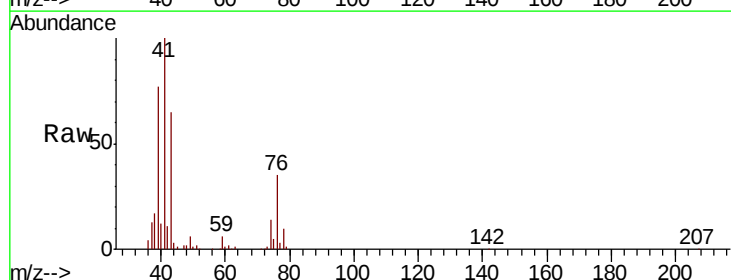
Tgt Ion: 41 Resp: 442594

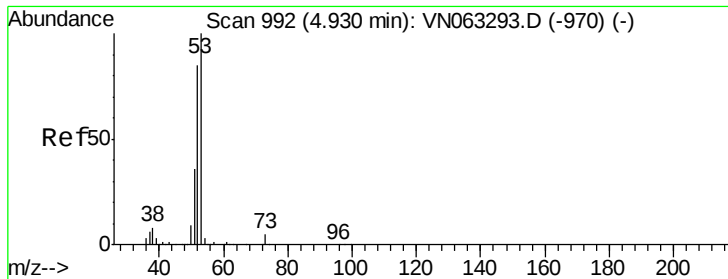
Ion Ratio Lower Upper

41 100

39 73.8 57.4 86.2

76 31.6 25.7 38.5





#15

Acrylonitrile

Concen: 267.060 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampled :

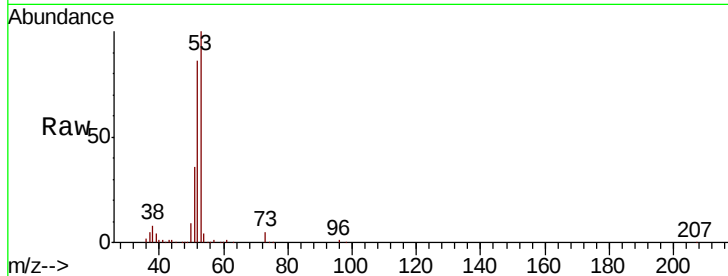
Tot Ion: 53 Resp: 633296

Ion Ratio Lower Upper

53 100

52 84.3 66.5 99.7

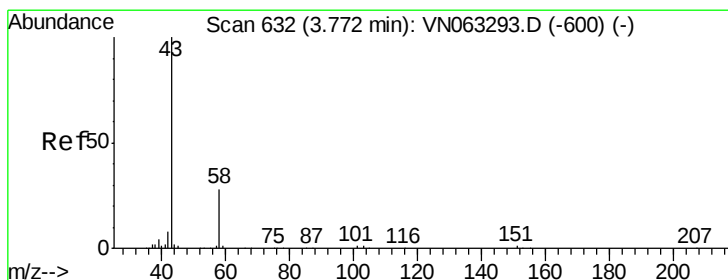
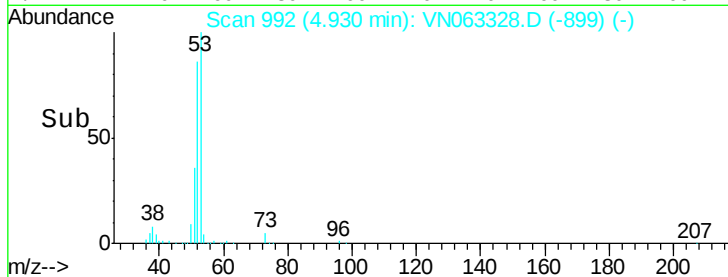
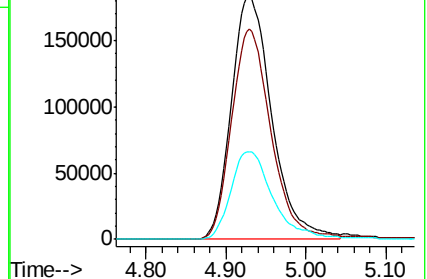
51 37.4 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN063328.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063328.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063328.D (-899) (-)



#16

Acetone

Concen: 241.793 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063328.D

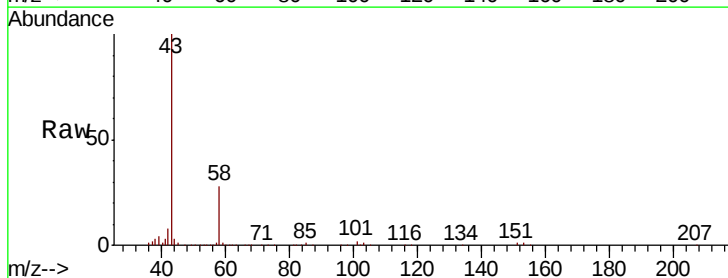
Acq: 11 Sep 2020 20:42

Tgt Ion: 43 Resp: 547701

Ion Ratio Lower Upper

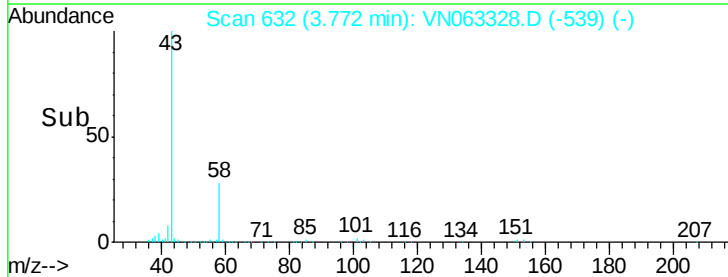
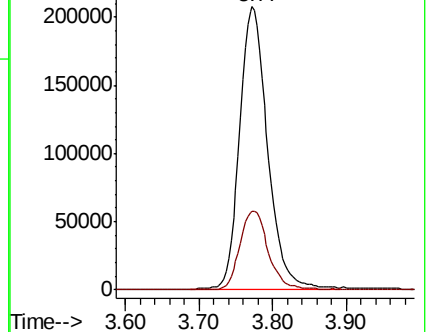
43 100

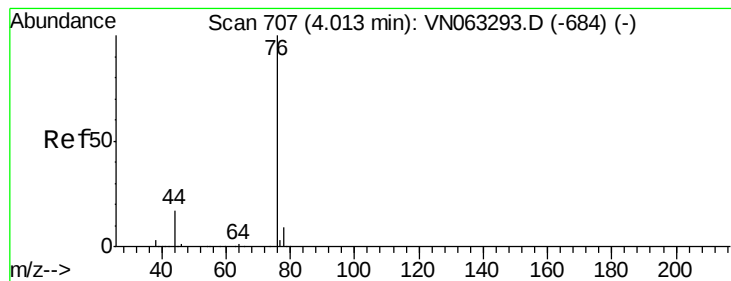
58 27.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN063328.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063328.D (-539) (-)





#17

Carbon Disulfide

Concen: 50.375 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

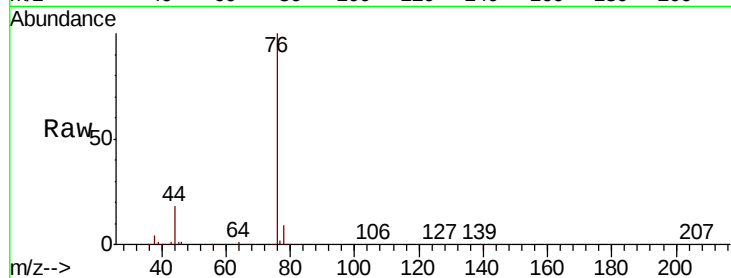
ClientSampled :

Tot Ion: 76 Resp: 652296

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN063328.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063328.D (-614) (-)

4.01

250000

200000

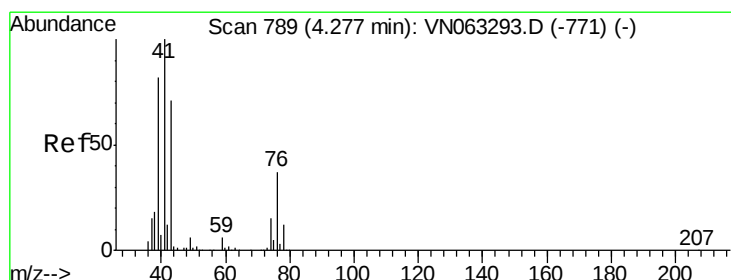
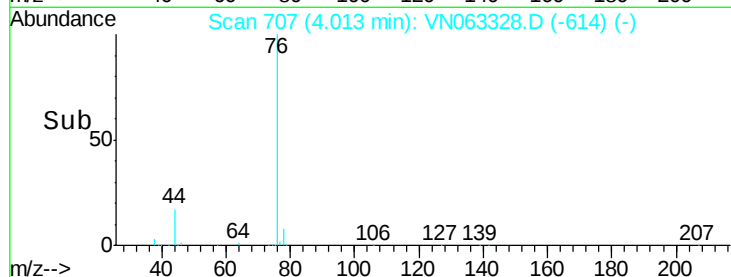
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.752 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063328.D

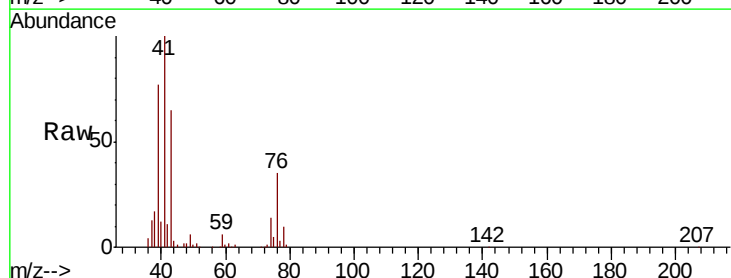
Acq: 11 Sep 2020 20:42

Tgt Ion: 43 Resp: 271908

Ion Ratio Lower Upper

43 100

74 21.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN063328.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063328.D (-696) (-)

4.28

100000

80000

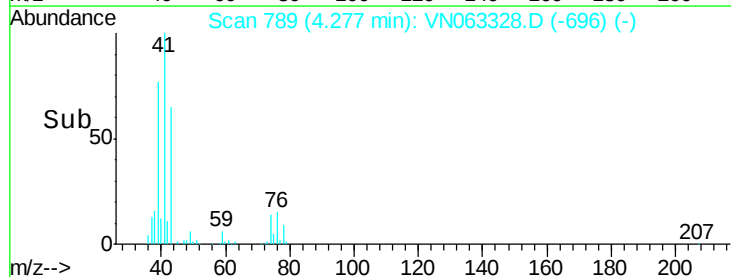
60000

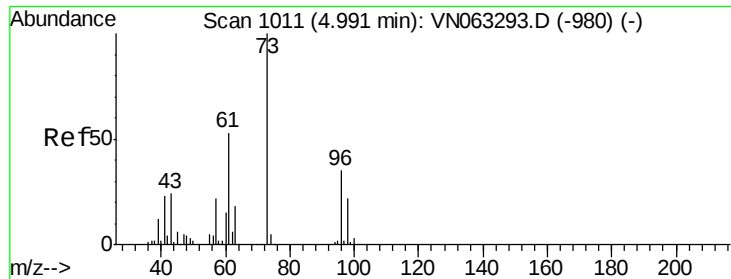
40000

20000

0

Time-->

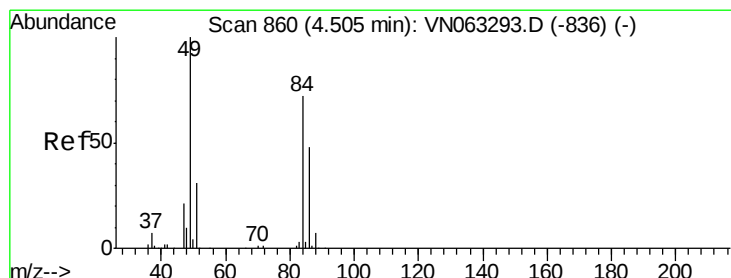
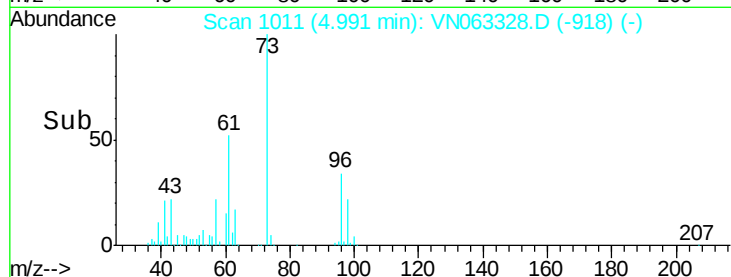
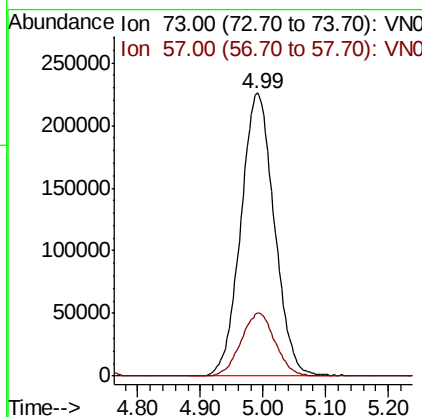
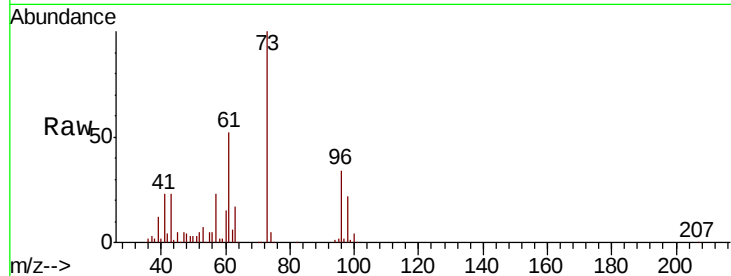




#19
Methyl tert-butyl Ether
Concen: 51.256 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

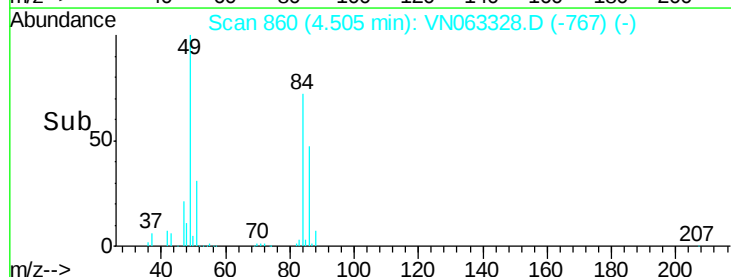
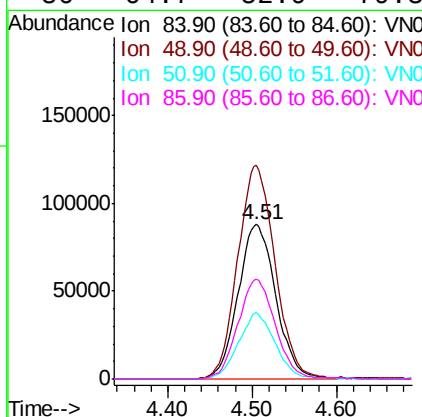
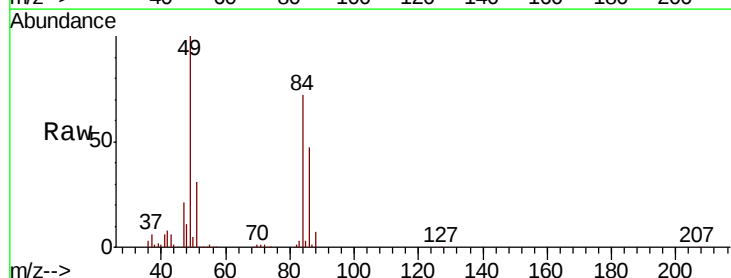
Instrument :
MSVOA_N
ClientSampled :

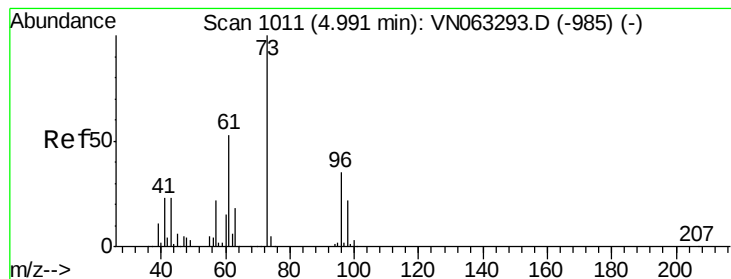
Tot Ion: 73 Resp: 837989
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3



#20
Methylene Chloride
Concen: 53.317 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 84 Resp: 274529
Ion Ratio Lower Upper
84 100
49 138.4 111.1 166.7
51 42.7 34.3 51.5
86 64.7 52.9 79.3



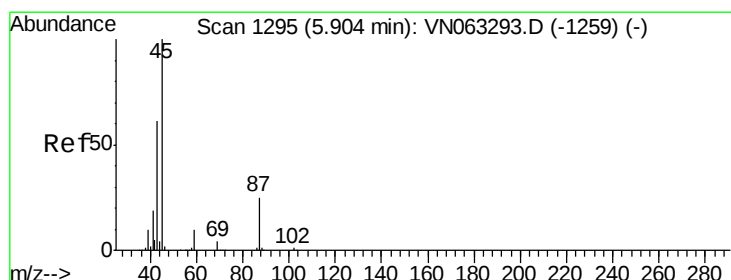
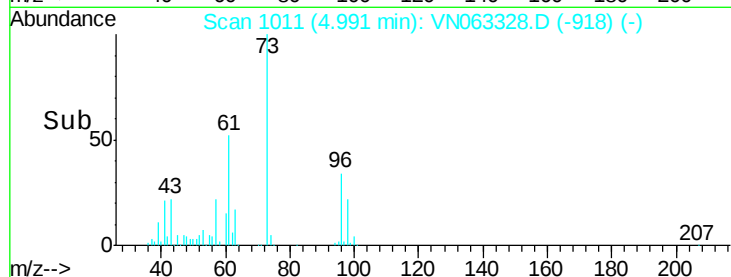
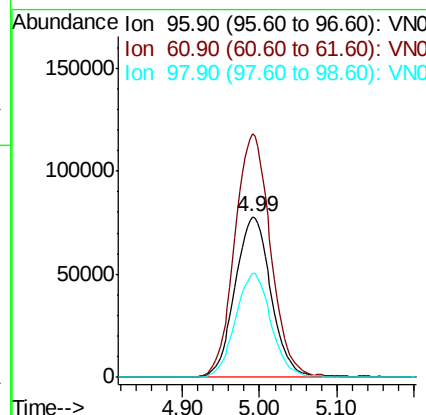
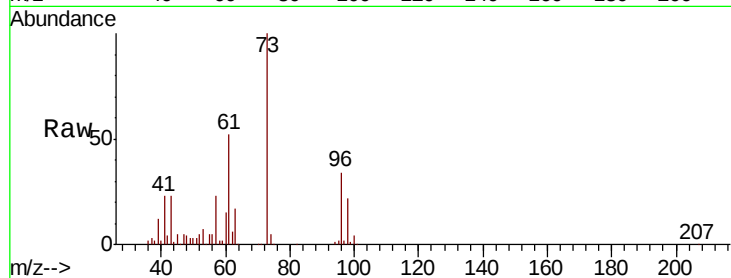


#21

trans-1,2-Dichloroethene
Concen: 49.094 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampled :

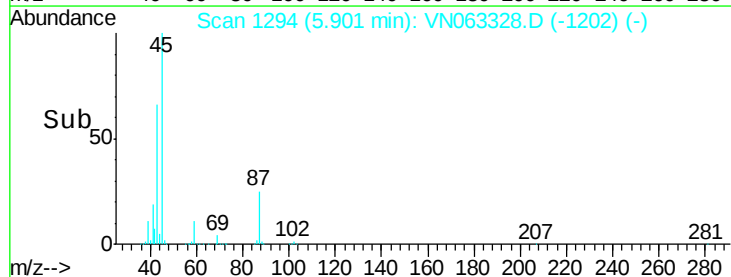
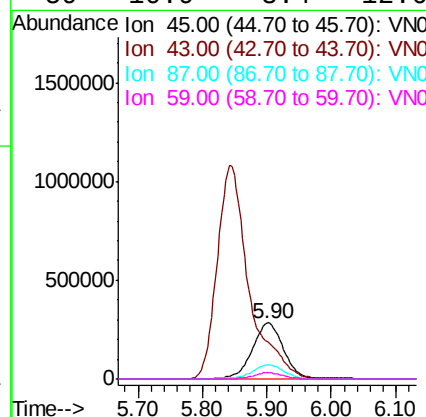
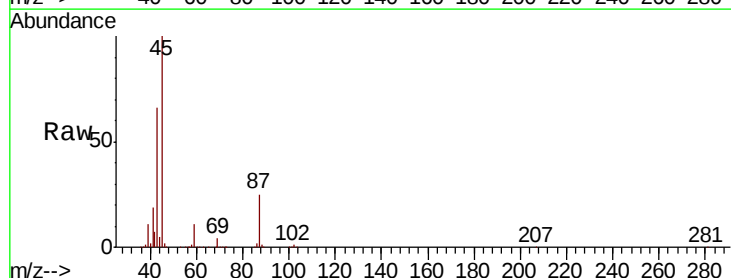
Tot Ion: 96 Resp: 251374
Ion Ratio Lower Upper
96 100
61 151.6 121.8 182.8
98 64.8 51.2 76.8

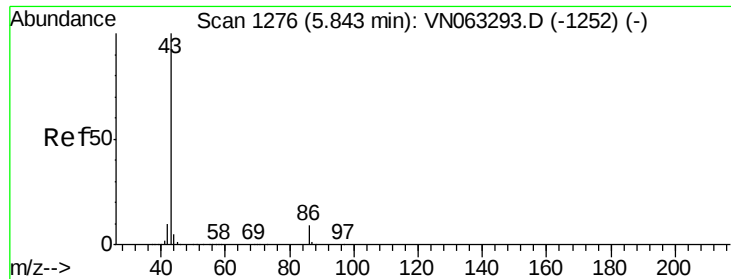


#22

Diisopropyl ether
Concen: 51.559 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 45 Resp: 953015
Ion Ratio Lower Upper
45 100
43 65.0 50.3 75.5
87 24.9 20.7 31.1
59 10.9 8.4 12.6

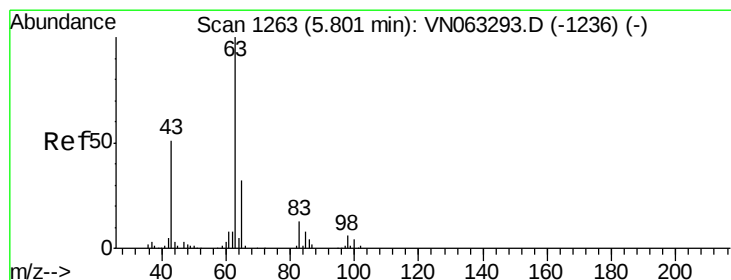
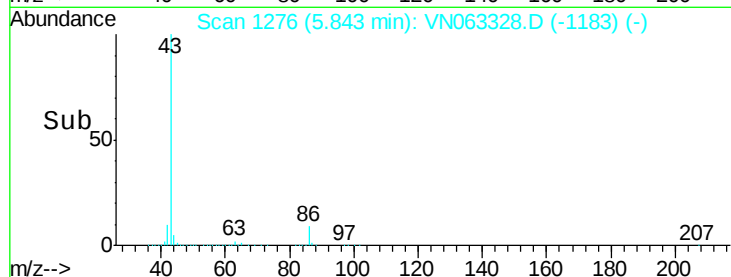
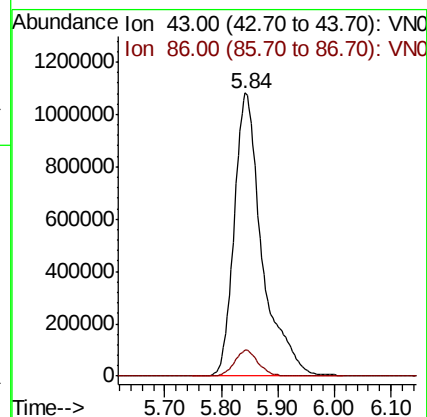
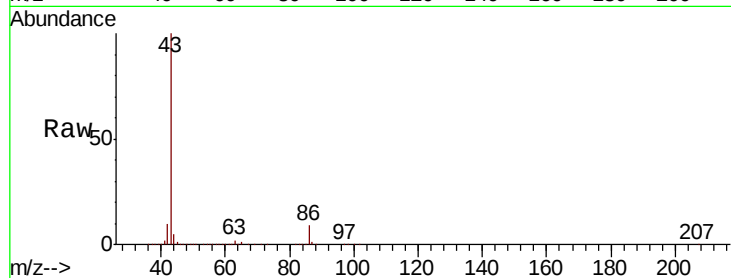




#23
 Vinyl Acetate
 Concen: 254.412 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

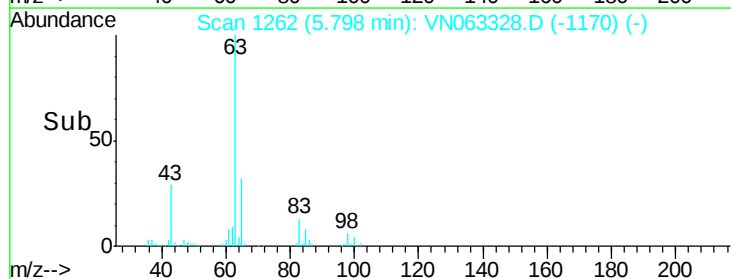
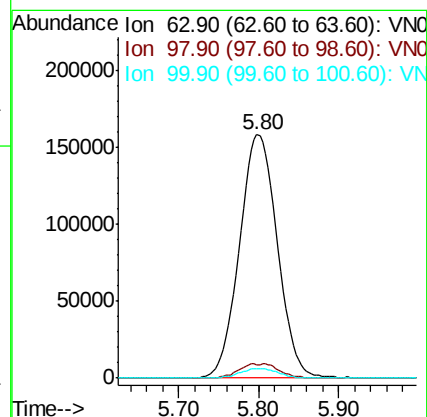
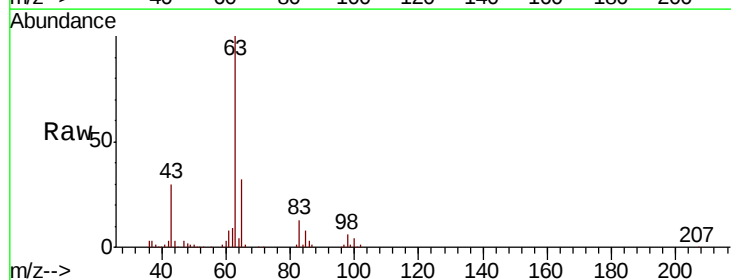
Instrument :
 MSVOA_N
 ClientSampleId :

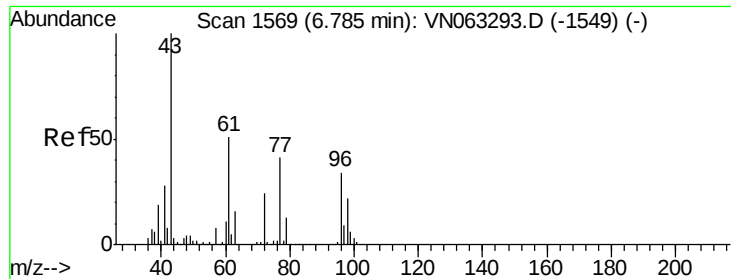
Tot Ion: 43 Resp: 3701513
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 50.847 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 63 Resp: 508973
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.1 9.3
 100 3.9 2.0 6.0

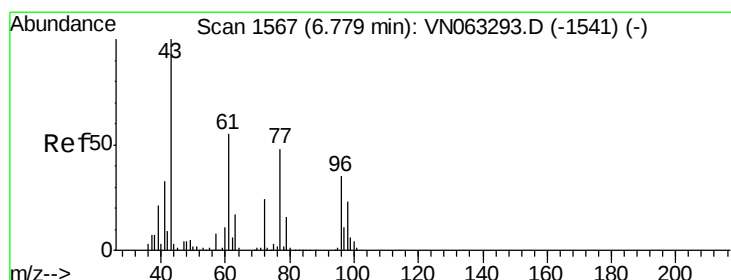
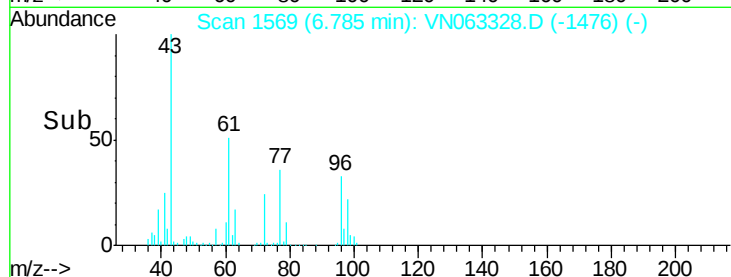
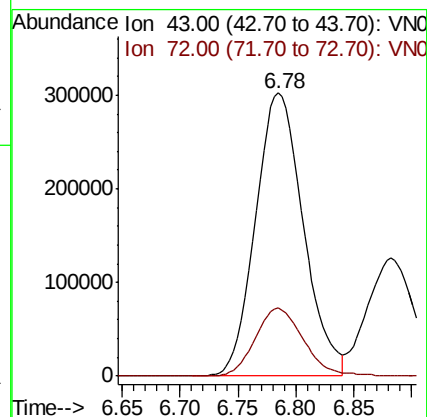
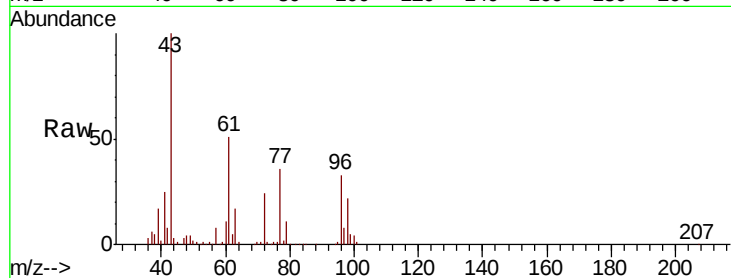




#25
2-Butanone
Concen: 257.763 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

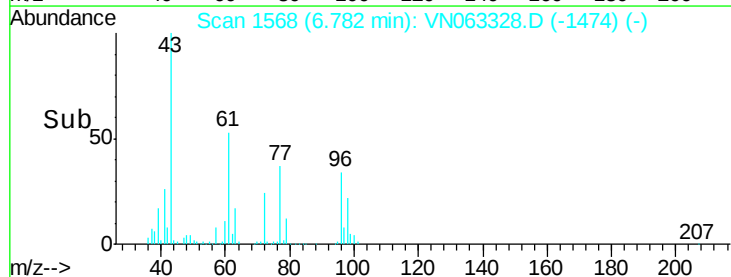
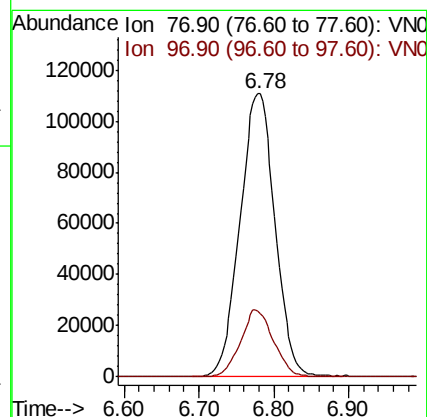
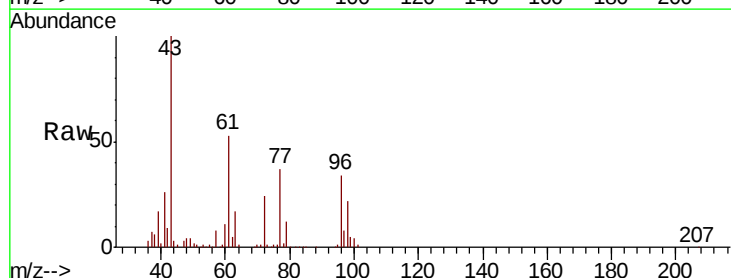
Instrument :
MSVOA_N
ClientSampled :

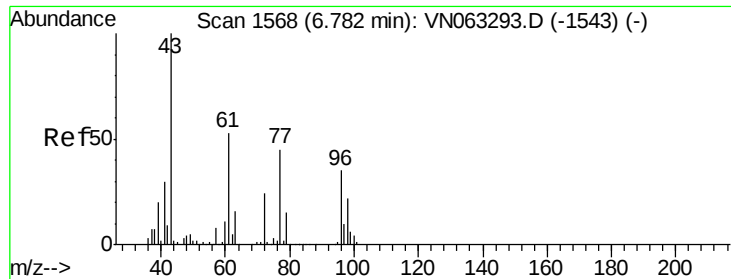
Tot Ion: 43 Resp: 862492
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 41.092 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 77 Resp: 360526
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.483 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

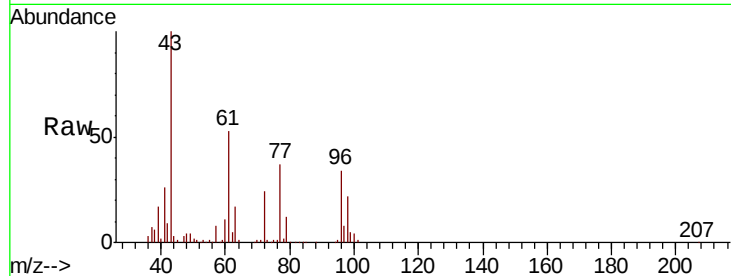
Tot Ion: 96 Resp: 295278

Ion Ratio Lower Upper

96 100

61 156.2 0.0 322.8

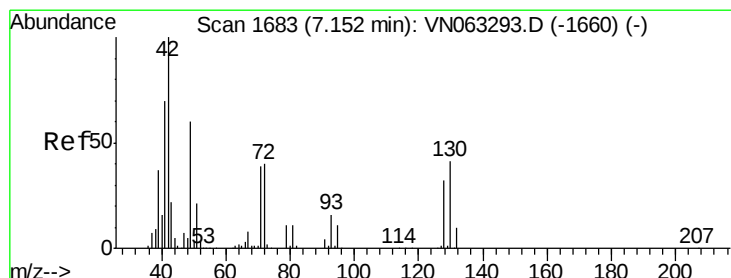
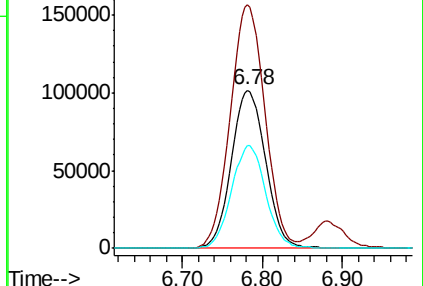
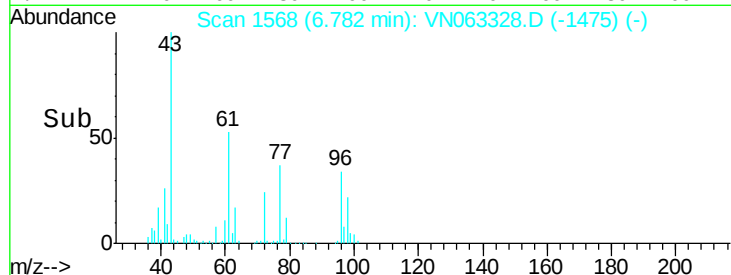
98 64.9 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN063328.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063328.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063328.D (-1475) (-)



#28

Bromochloromethane

Concen: 48.159 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

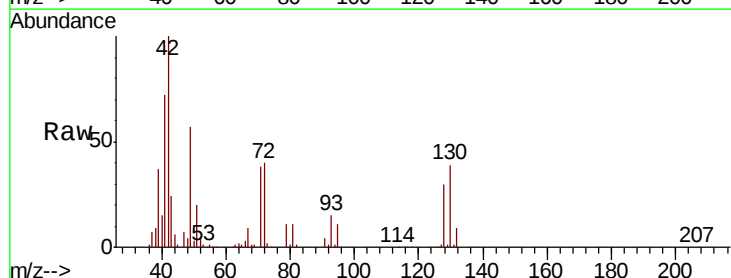
Tgt Ion: 49 Resp: 233759

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.4

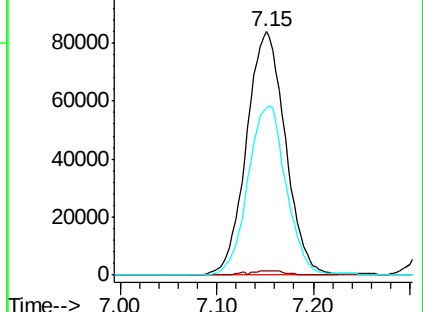
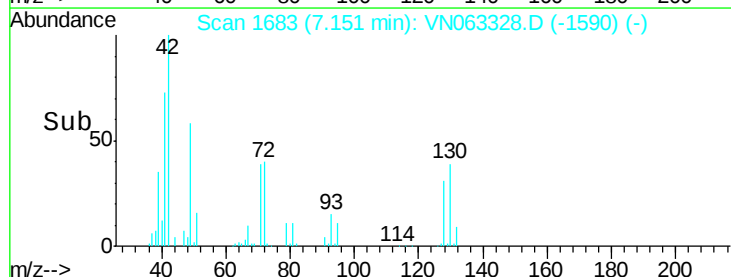
130 68.0 53.1 79.7

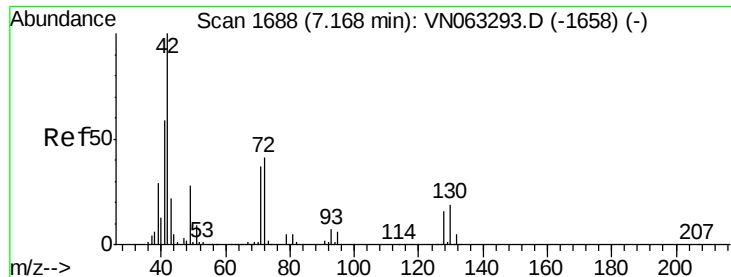


Abundance Ion 48.90 (48.60 to 49.60): VN063328.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063328.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063328.D (-1590) (-)

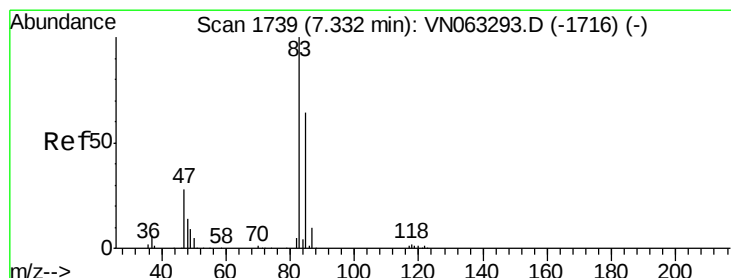
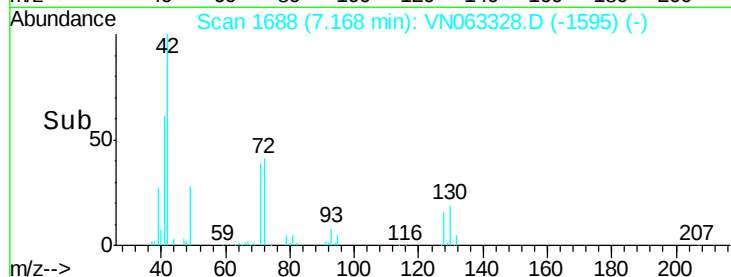
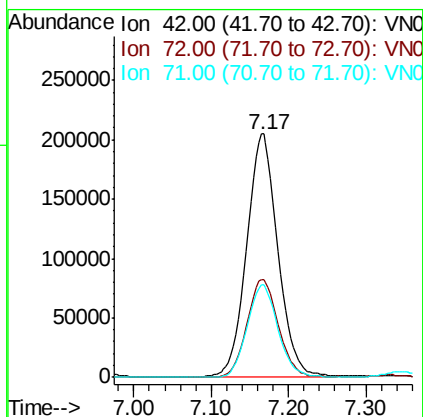
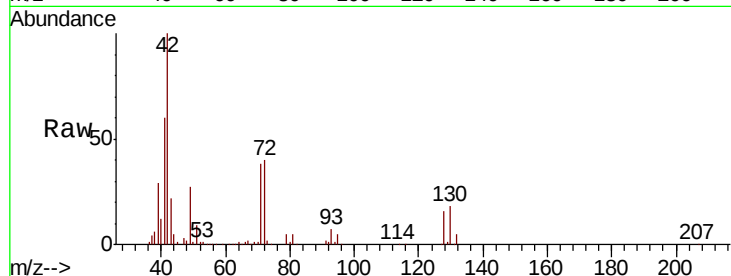




#29
Tetrahydrofuran
Concen: 264.354 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

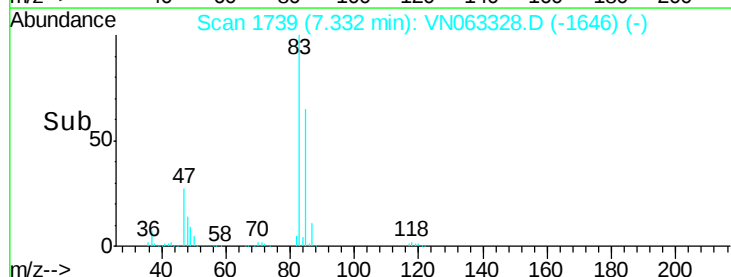
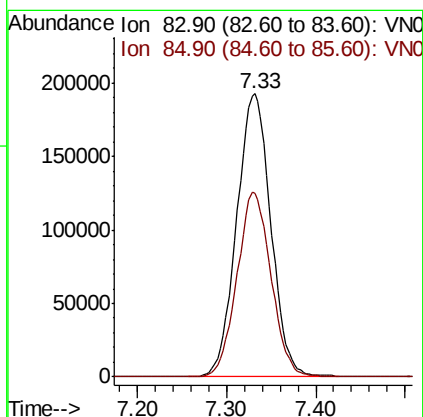
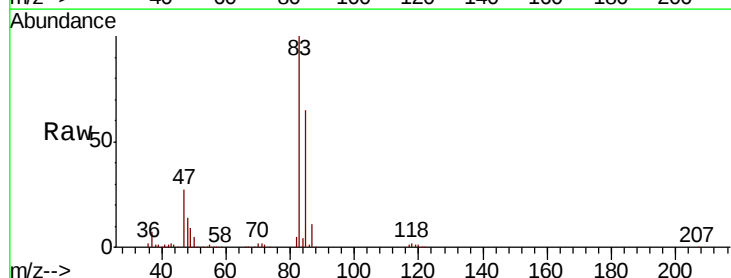
Instrument :
MSVOA_N
ClientSampled :

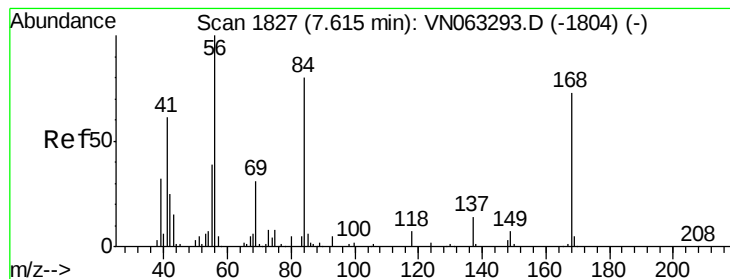
Tot Ion: 42 Resp: 575962
Ion Ratio Lower Upper
42 100
72 40.6 31.4 47.2
71 37.8 30.0 45.0



#30
Chloroform
Concen: 51.010 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 83 Resp: 511249
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8





#31

Cyclohexane

Concen: 50.366 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampled :

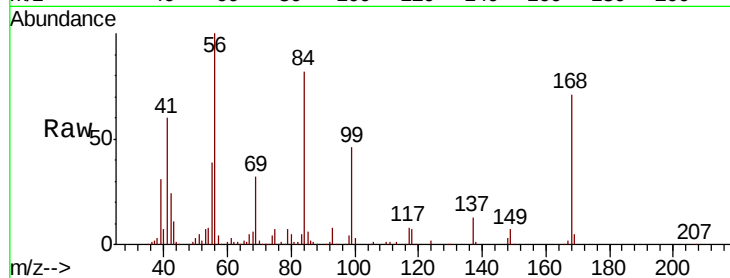
Tot Ion: 56 Resp: 463396

Ion Ratio Lower Upper

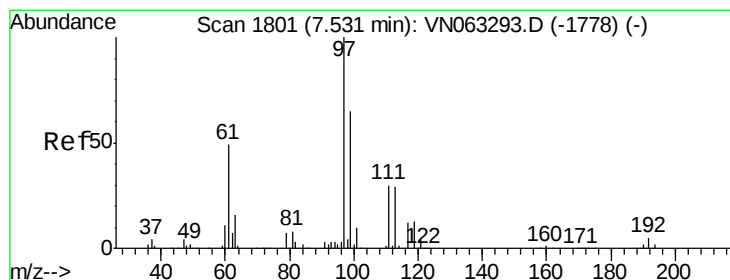
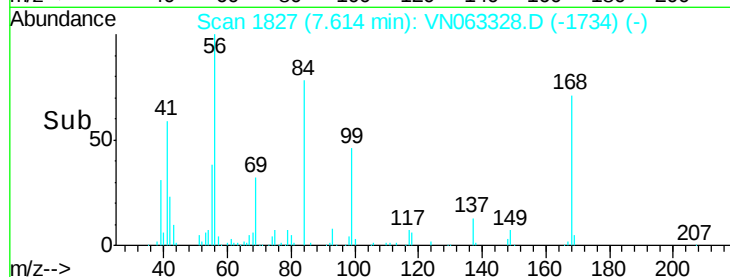
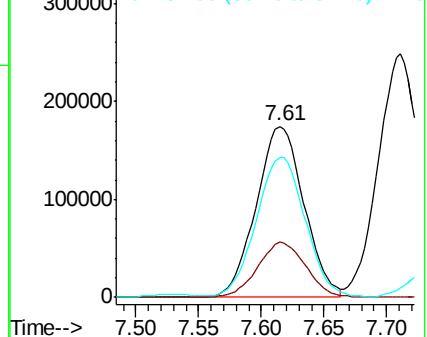
56 100

69 32.0 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: 50.662 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

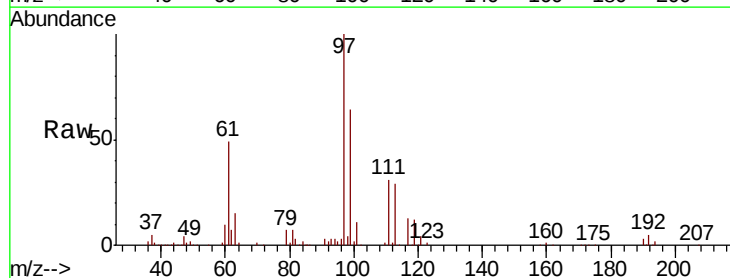
Tgt Ion: 97 Resp: 442629

Ion Ratio Lower Upper

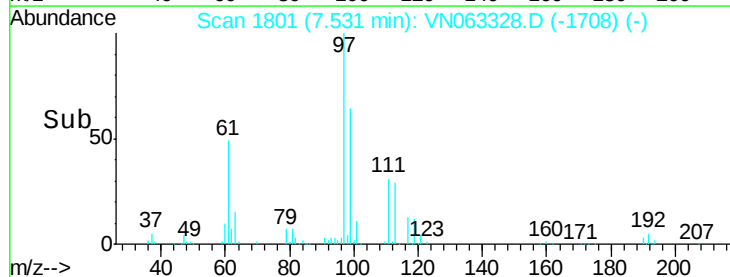
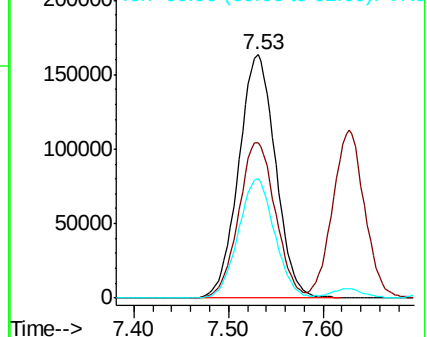
97 100

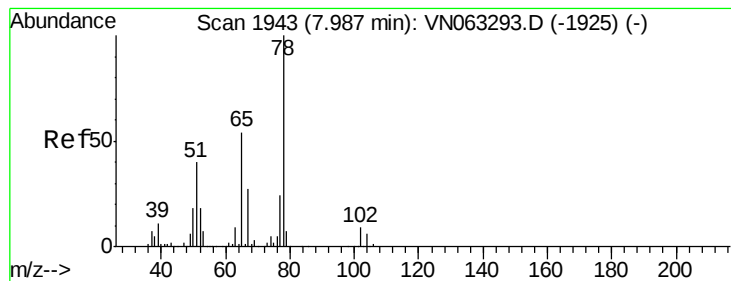
99 63.8 51.4 77.2

61 48.3 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: 49.408 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

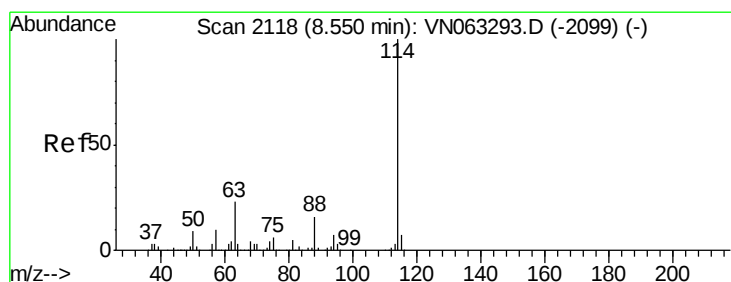
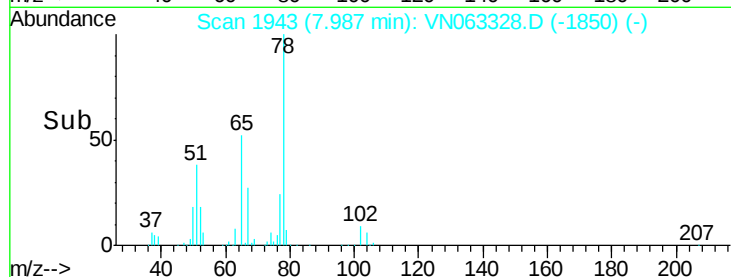
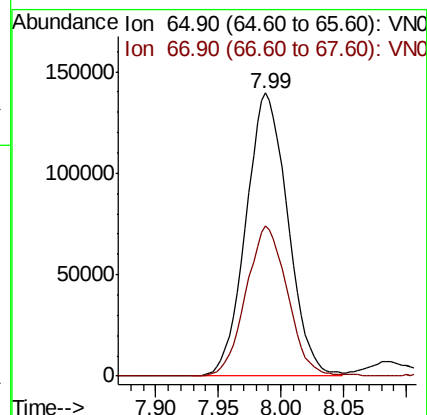
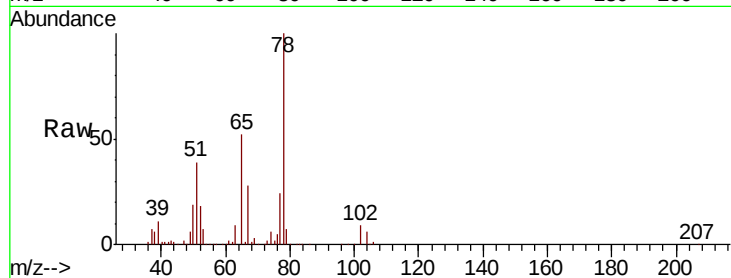
ClientSampleId :

Tot Ion: 65 Resp: 324112

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

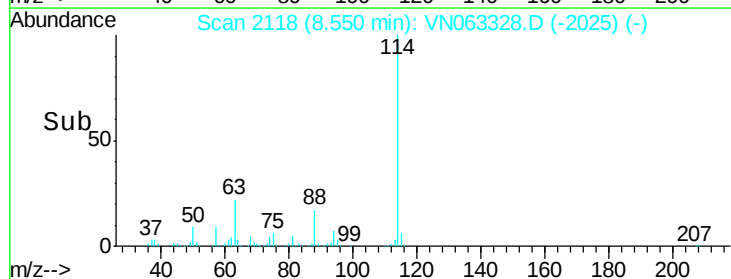
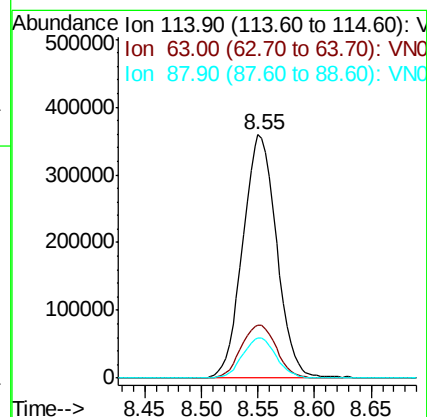
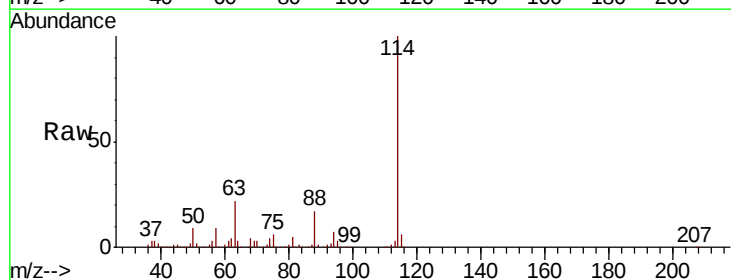
Tgt Ion: 114 Resp: 750024

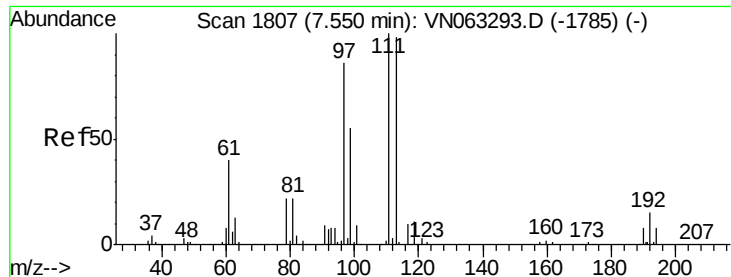
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.0

88 16.7 0.0 32.8

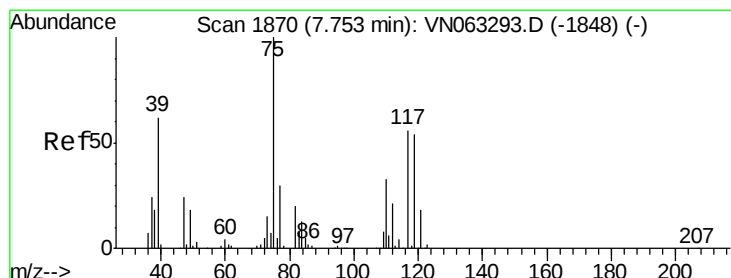
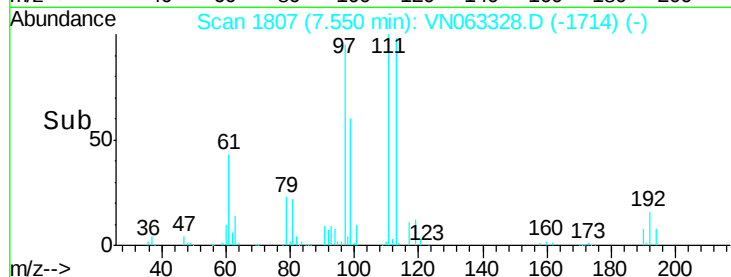
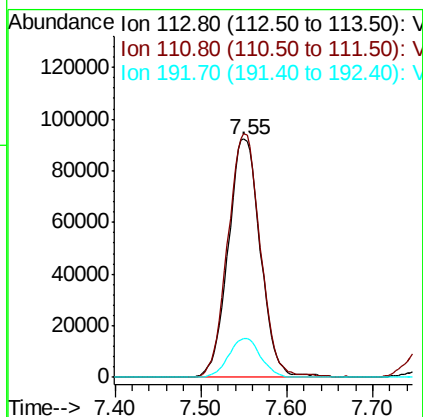
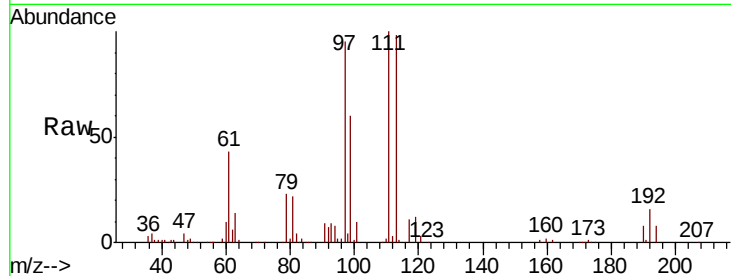




#35
 Dibromofluoromethane
 Concen: 49.597 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

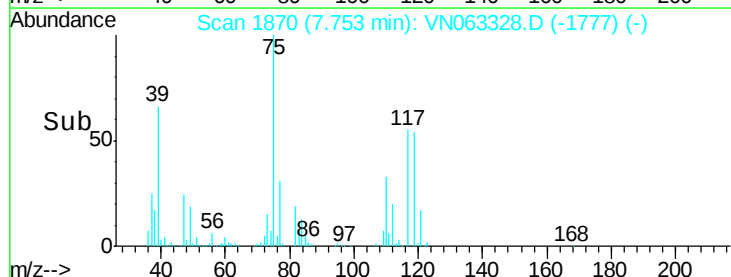
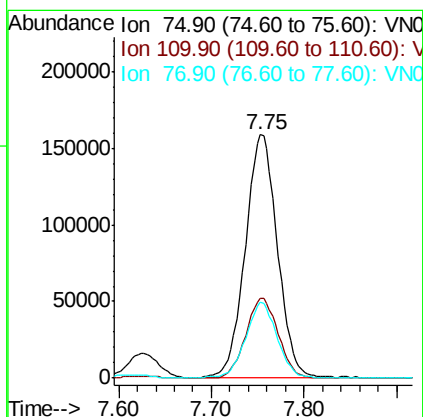
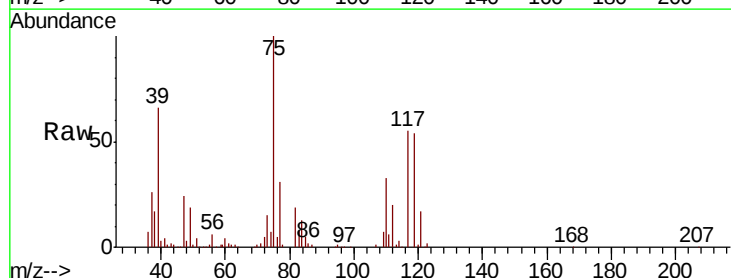
Instrument :
 MSVOA_N
 ClientSampleId :

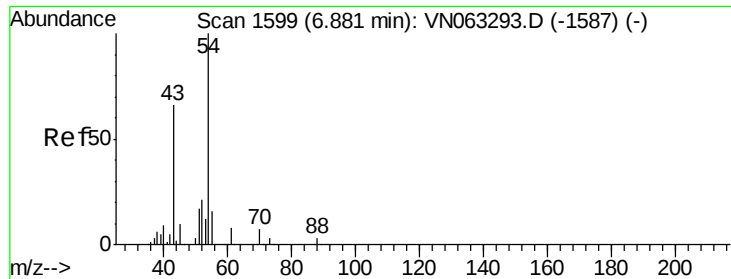
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	16.3	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 49.328 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.4	49.4
77	30.7	24.8	37.2

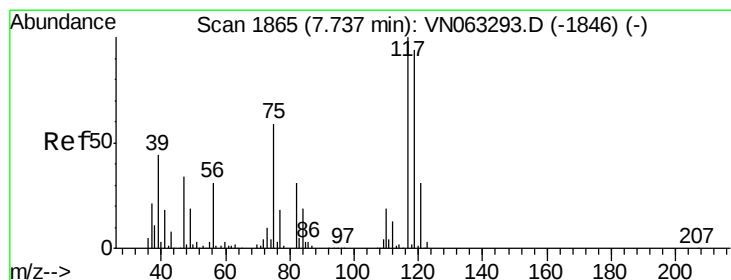
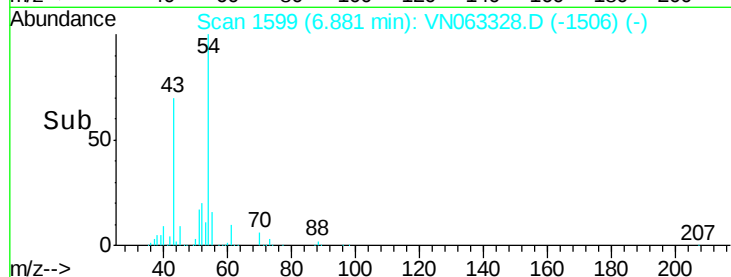
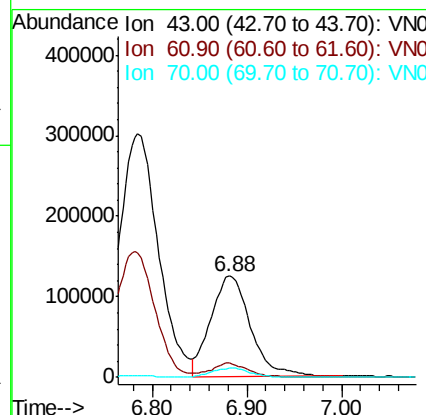
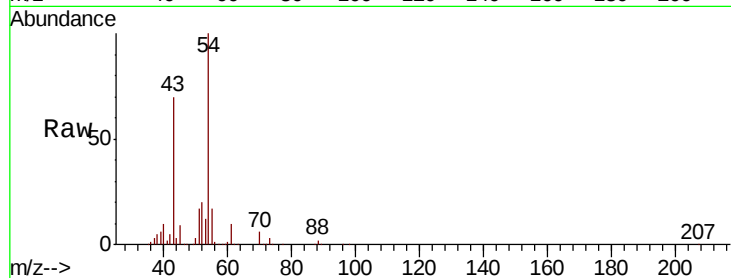




#37
Ethyl Acetate
Concen: 47.875 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

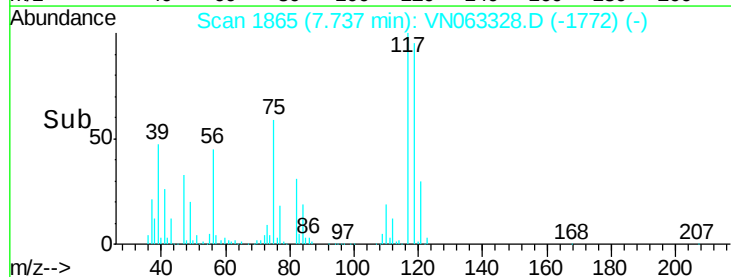
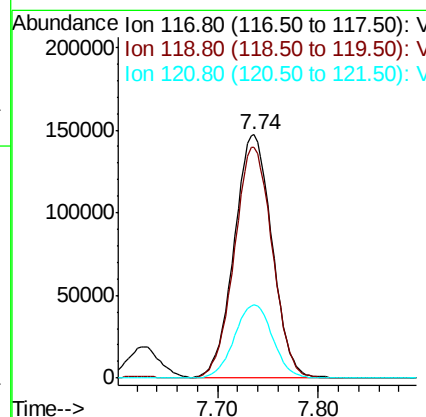
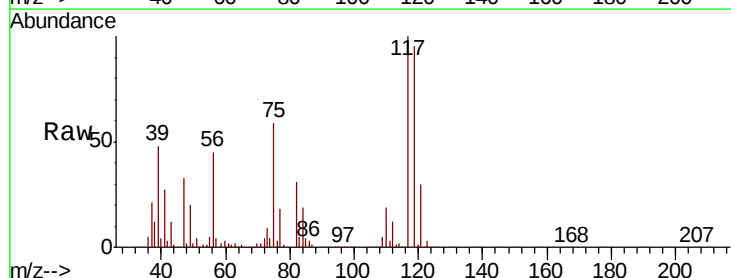
Instrument :
MSVOA_N
ClientSampleId :

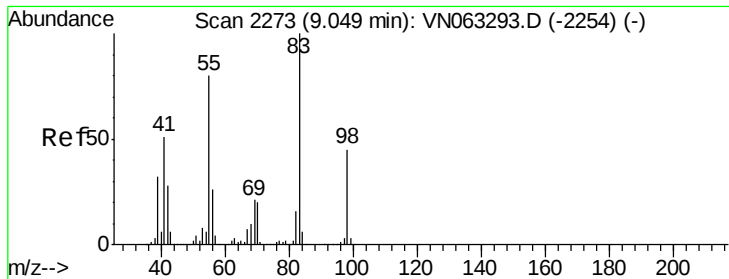
Tot Ion: 43 Resp: 363107
Ion Ratio Lower Upper
43 100
61 13.1 10.1 15.1
70 9.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 50.324 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 117 Resp: 381840
Ion Ratio Lower Upper
117 100
119 94.9 75.3 112.9
121 30.2 24.6 37.0

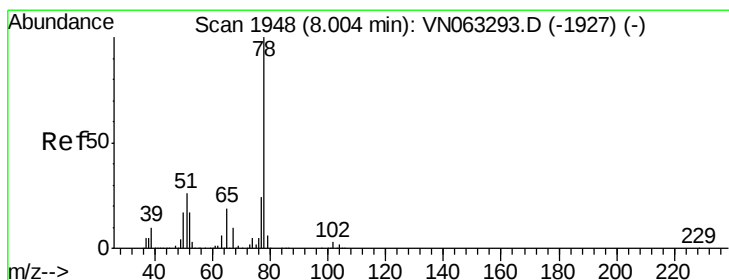
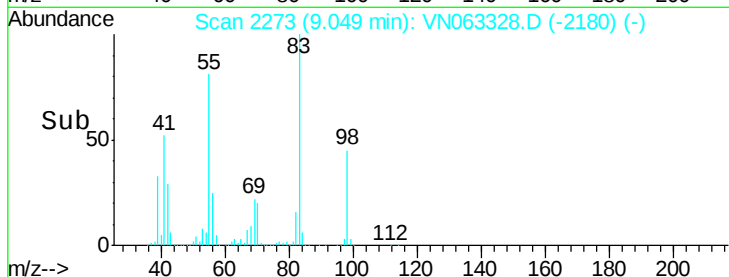
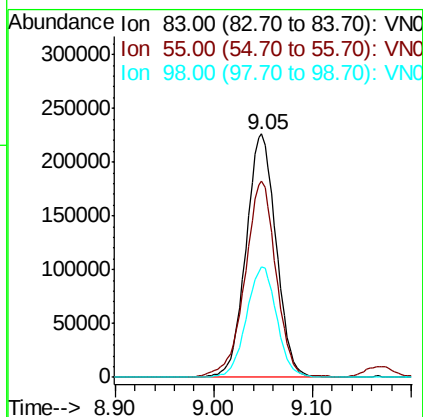
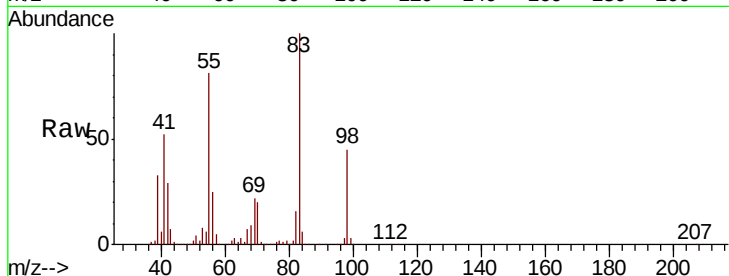




#39
Methvlcvclohexane
Concen: 56.515 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

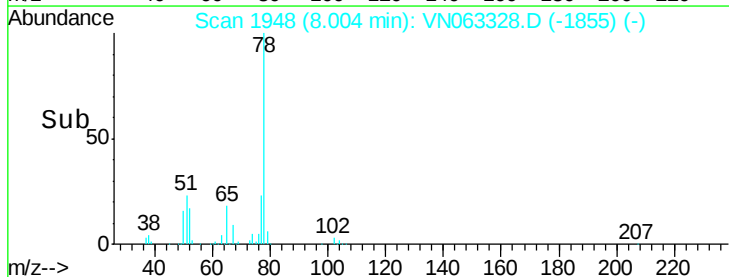
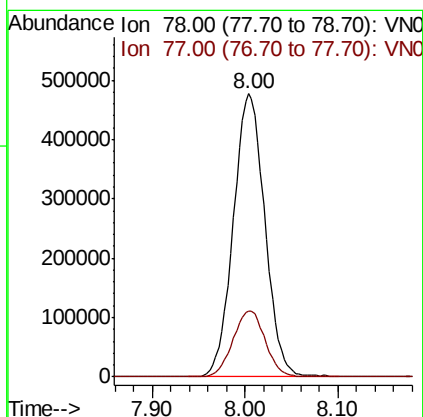
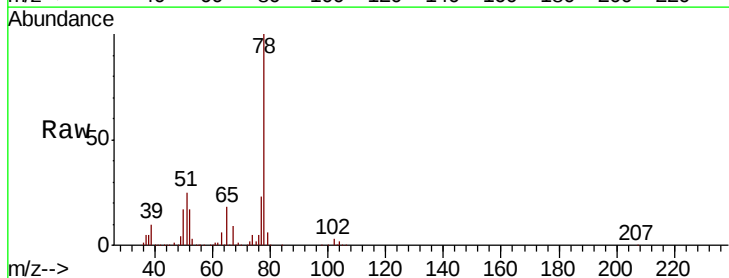
Instrument :
MSVOA_N
ClientSampled :

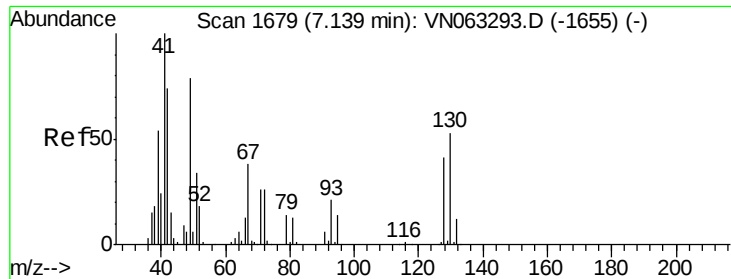
Tot Ion	83.00	Resp	475320
Ion	Ratio	Lower	Upper
83	100		
55	80.6	64.0	96.0
98	45.4	36.4	54.6



#40
Benzene
Concen: 51.008 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	78	Resp	1123180
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2

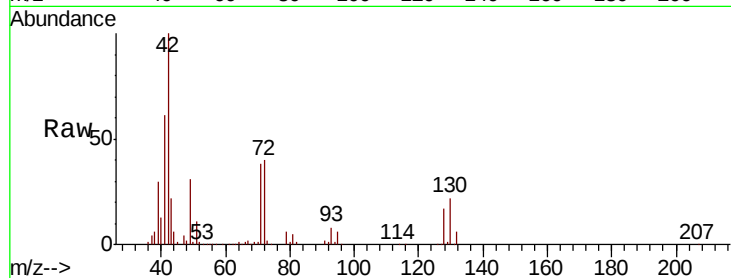




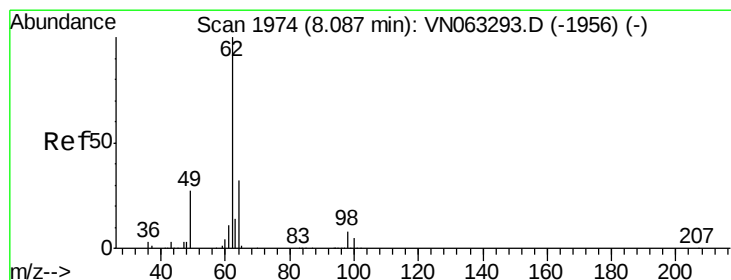
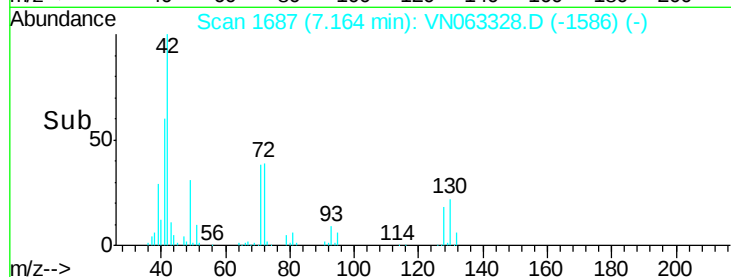
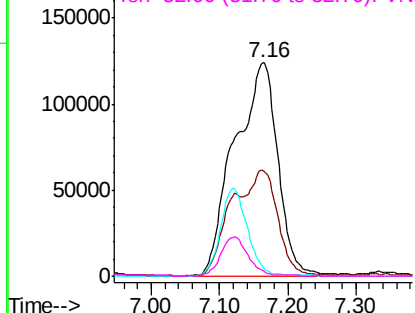
#41
Methacrylonitrile
Concen: 159.101 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	545831
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

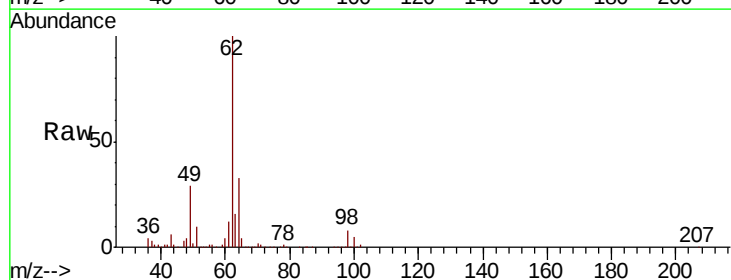


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

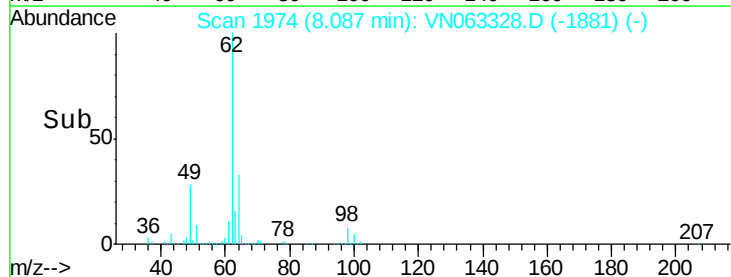
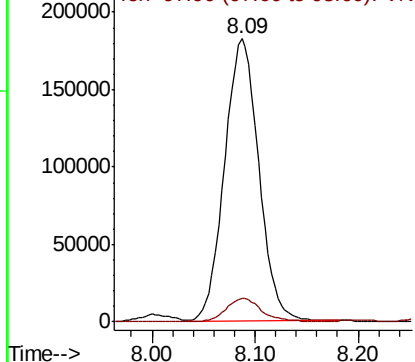


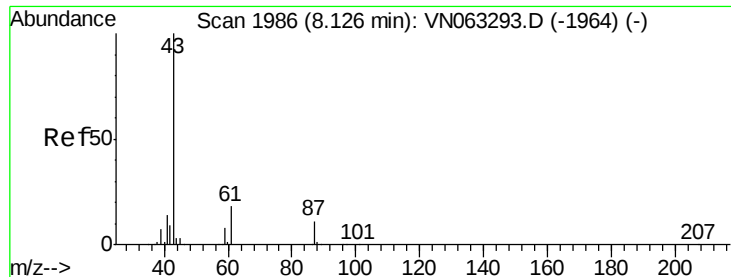
#42
1,2-Dichloroethane
Concen: 50.524 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion:	62	Resp:	422095
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

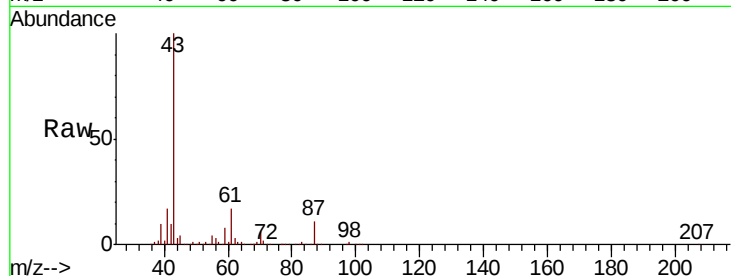




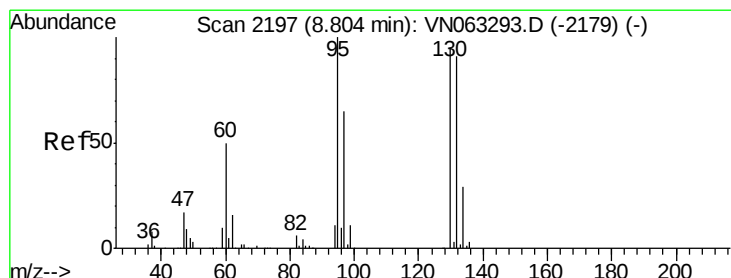
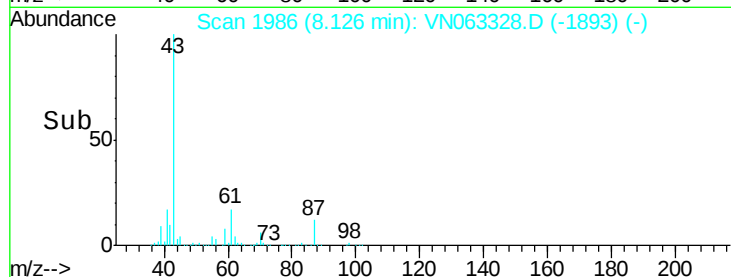
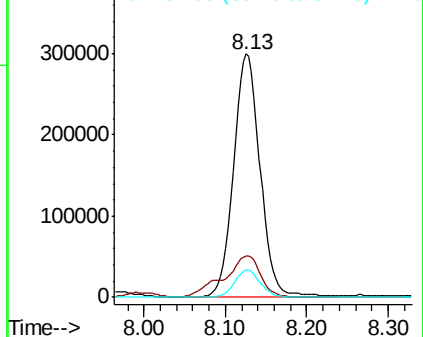
#43
Isopropyl Acetate
Concen: 52.587 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 675454
Ion Ratio Lower Upper
43 100
61 17.8 15.1 22.7
87 11.0 9.2 13.8

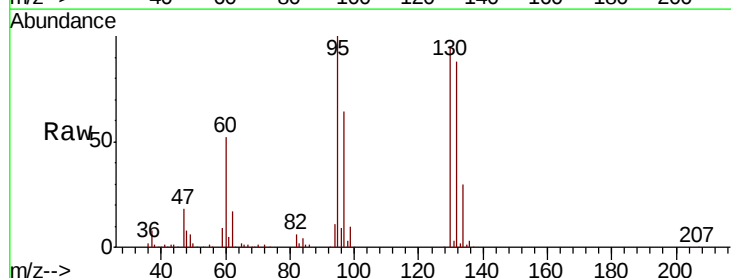


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

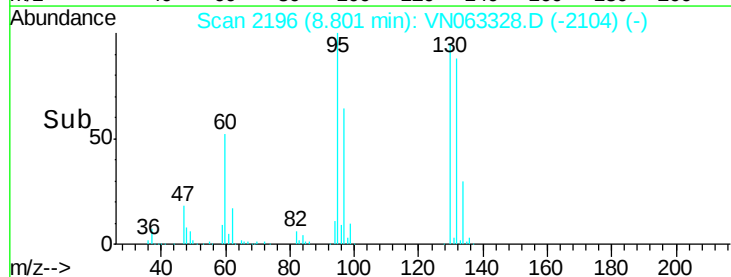
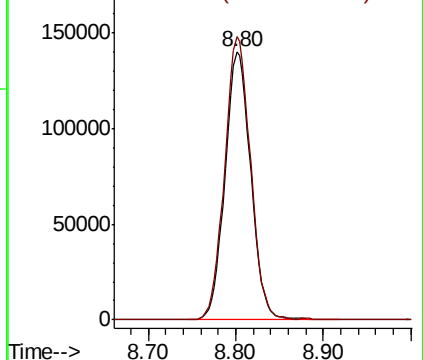


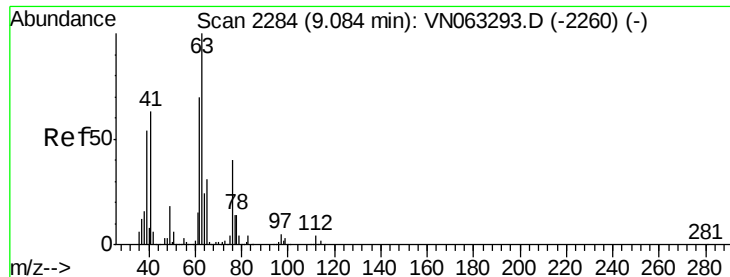
#44
Trichloroethene
Concen: 49.906 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 130 Resp: 287385
Ion Ratio Lower Upper
130 100
95 105.5 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

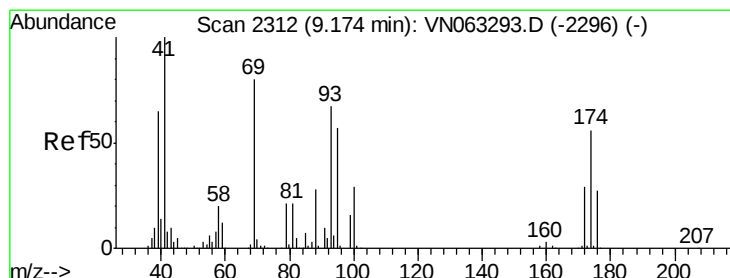
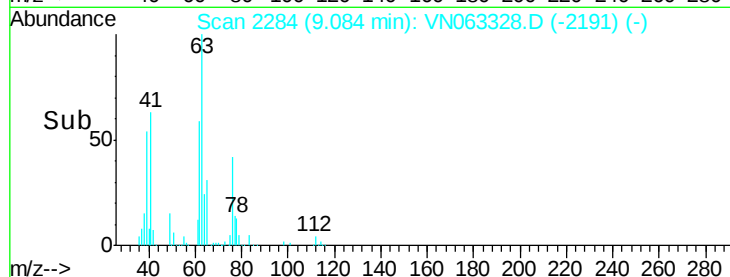
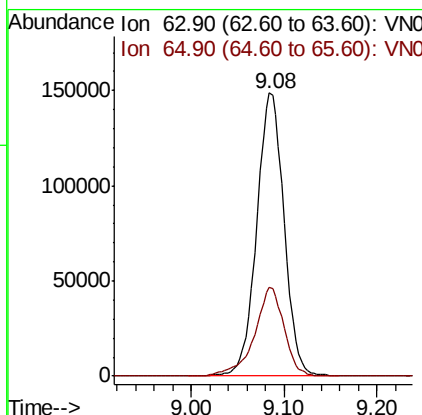
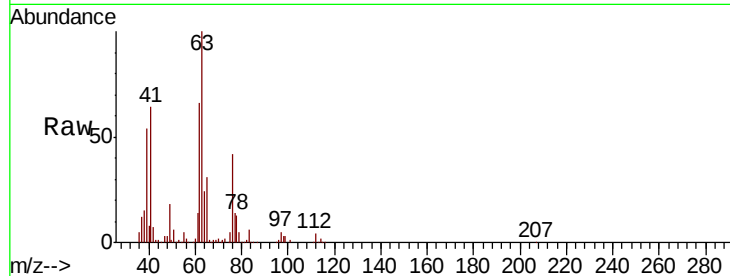




#45
 1,2-Dichloropropane
 Concen: 50.700 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

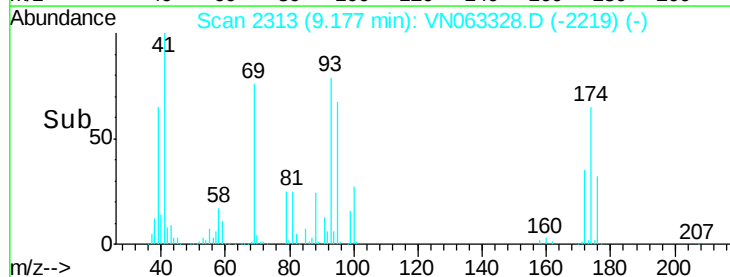
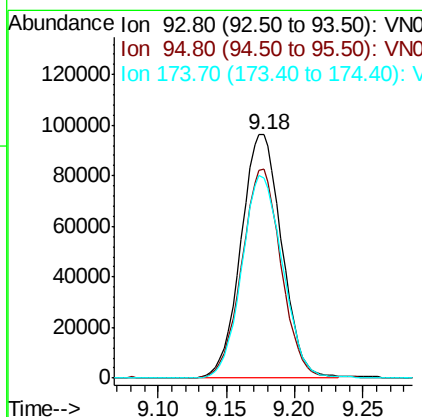
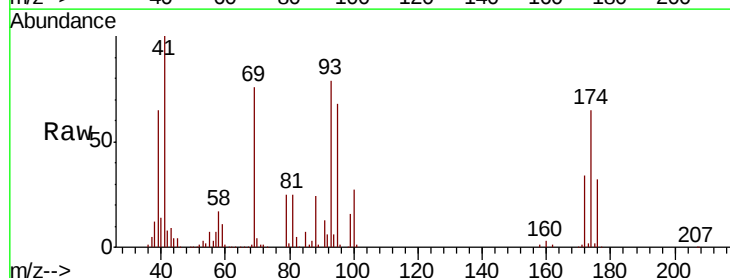
Instrument :
 MSVOA_N
 ClientSampleId :

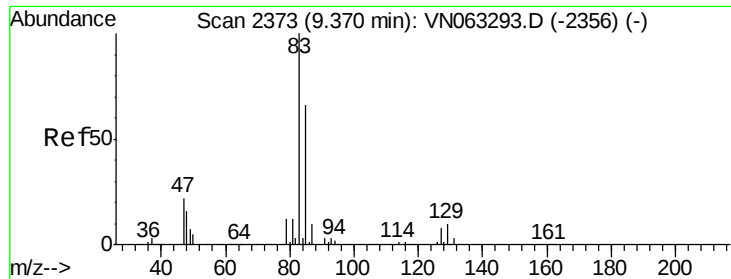
Tot Ion: 63 Resp: 306219
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 51.135 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 93 Resp: 200276
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.9 101.9
 174 83.2 66.9 100.3





#47

Bromodichloromethane

Concen: 50.543 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

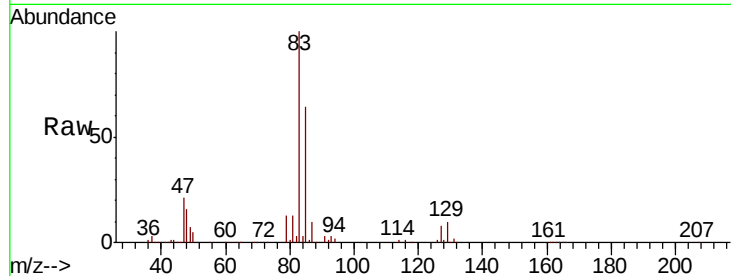
Tot Ion: 83 Resp: 412534

Ion Ratio Lower Upper

83 100

85 63.2 52.5 78.7

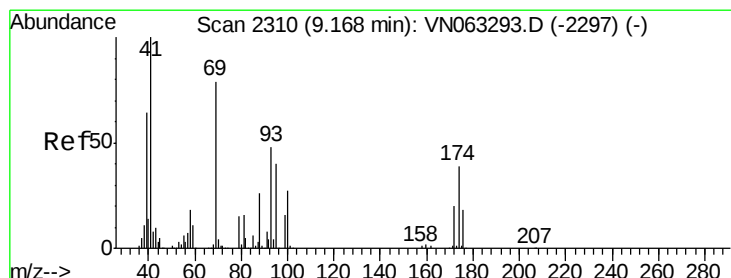
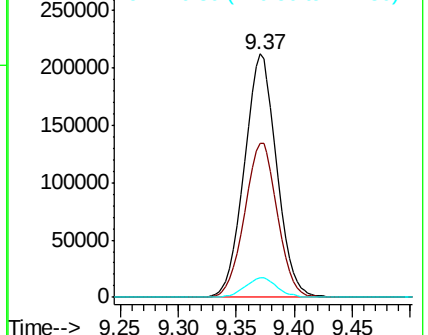
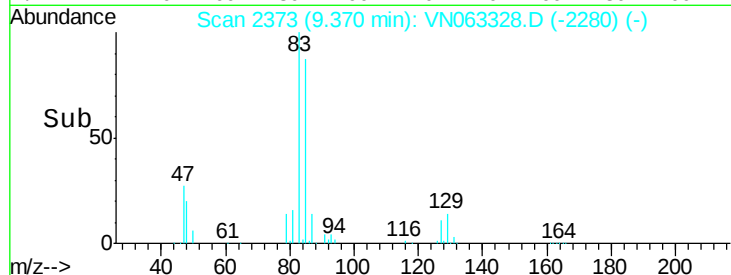
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN063328.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063328.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063328.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.721 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

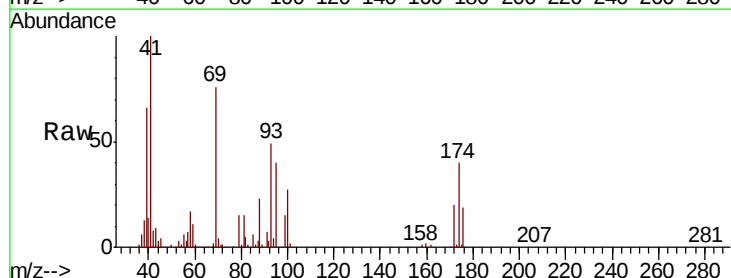
Tgt Ion: 41 Resp: 310857

Ion Ratio Lower Upper

41 100

69 78.8 63.6 95.4

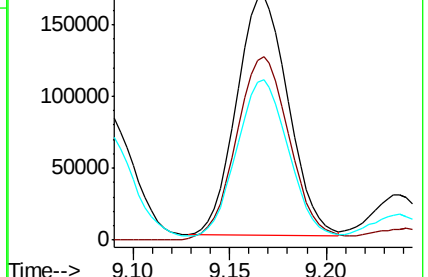
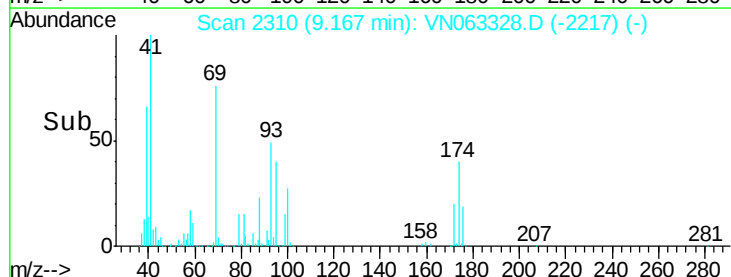
39 67.8 53.2 79.8

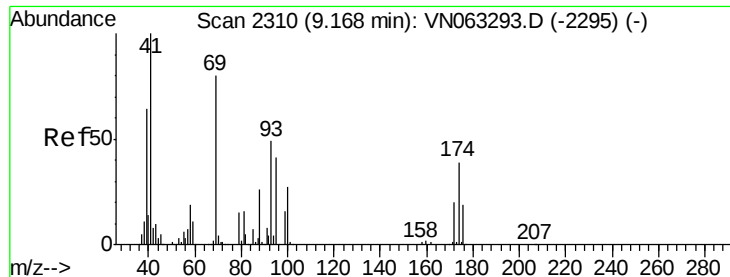


Abundance Ion 41.00 (40.70 to 41.70): VN063328.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063328.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063328.D (-2217) (-)





#49

1,4-Dioxane

Concen: 885.839 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

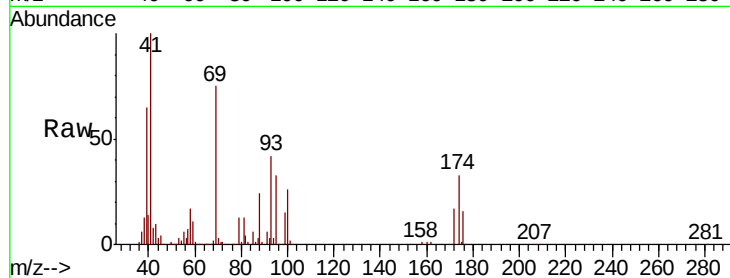
Tot Ion: 88 Resp: 84058

Ion Ratio Lower Upper

88 100

43 31.5 30.5 45.7

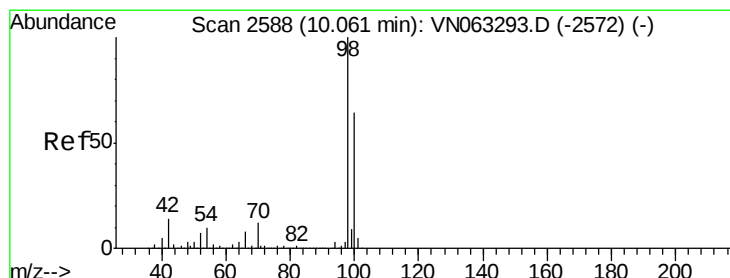
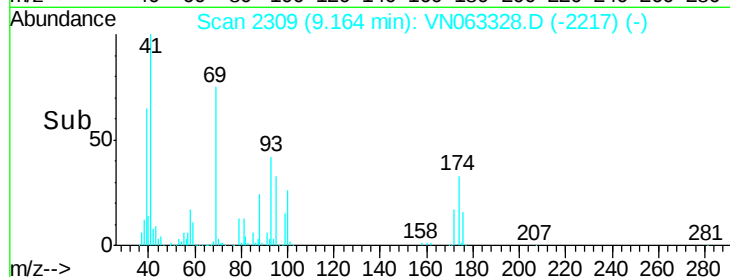
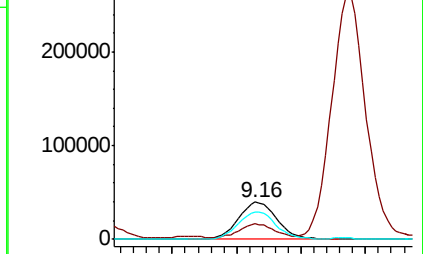
58 71.8 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063328.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN063328.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN063328.D (-2217) (-)



#50

Toluene-d8

Concen: 51.023 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063328.D

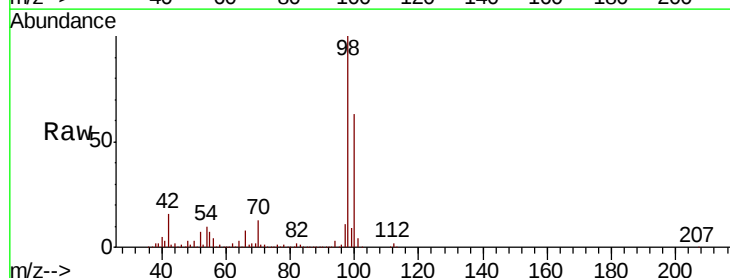
Acq: 11 Sep 2020 20:42

Tgt Ion: 98 Resp: 946100

Ion Ratio Lower Upper

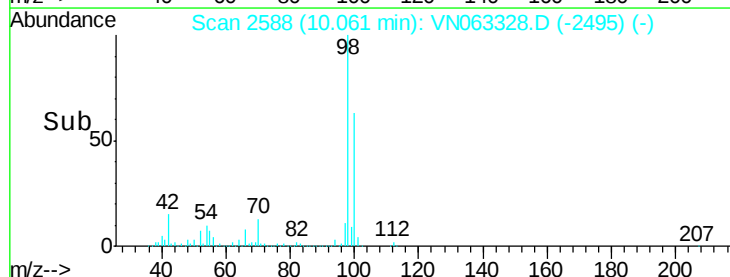
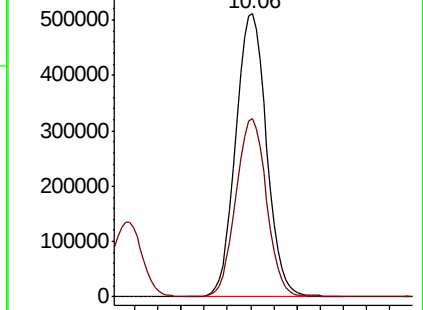
98 100

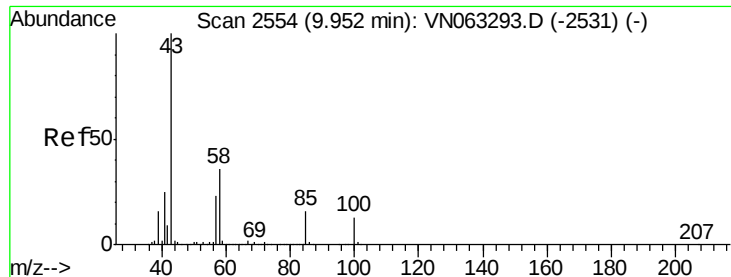
100 62.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063328.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN063328.D (-2495) (-)





#51

4-Methyl-2-Pentanone

Concen: 274.274 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

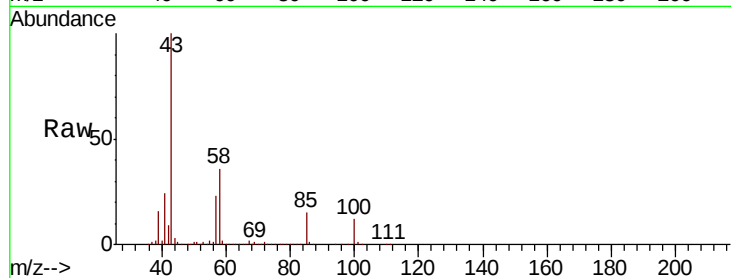
ClientSampled :

Tot Ion: 43 Resp: 1941469

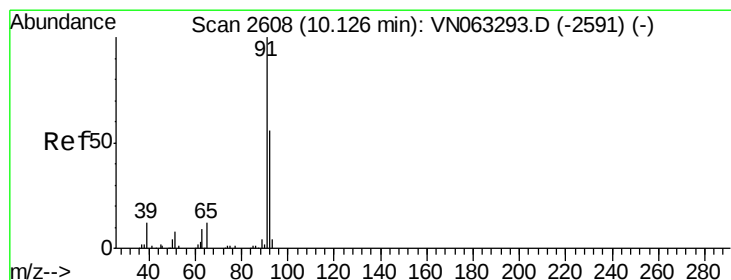
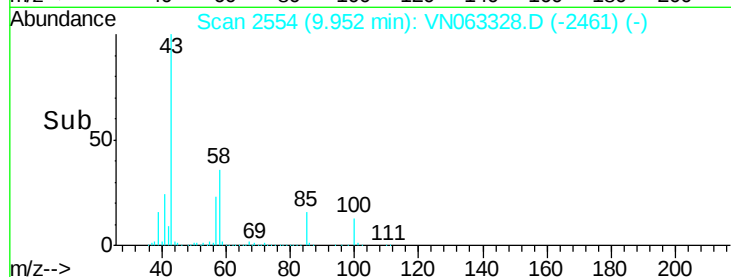
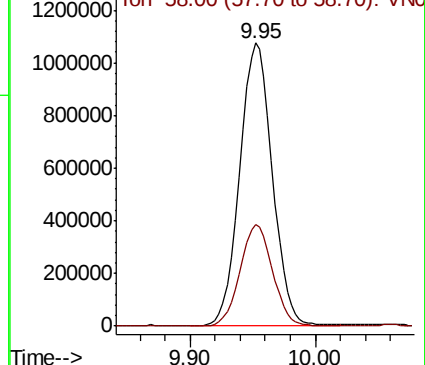
Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063328.D (-2461) (-)



#52

Toluene

Concen: 51.396 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063328.D

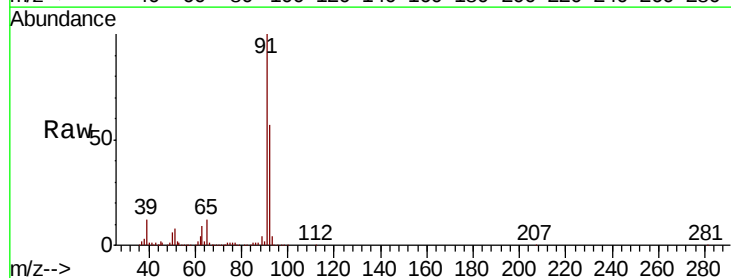
Acq: 11 Sep 2020 20:42

Tgt Ion: 92 Resp: 690973

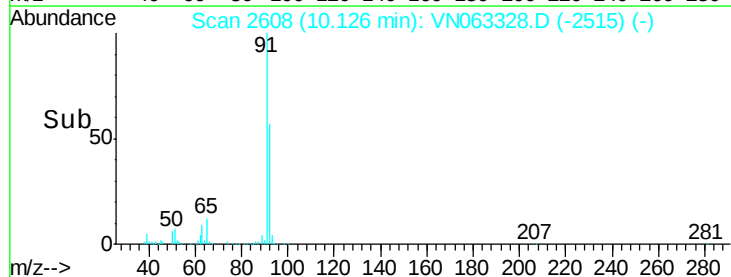
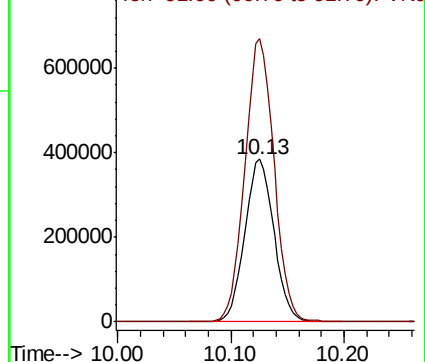
Ion Ratio Lower Upper

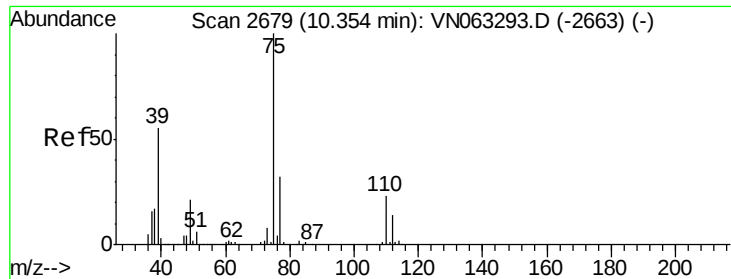
92 100

91 174.1 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063328.D (-2515) (-)

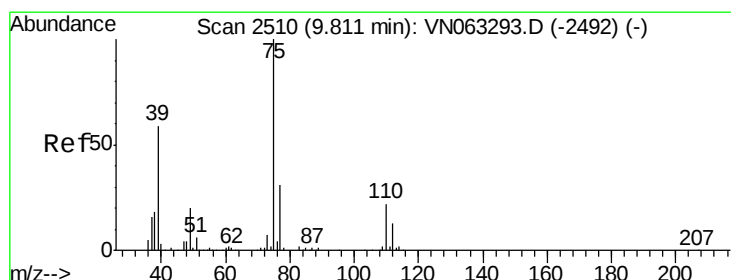
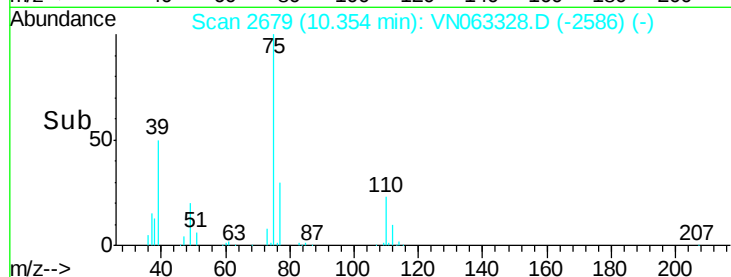
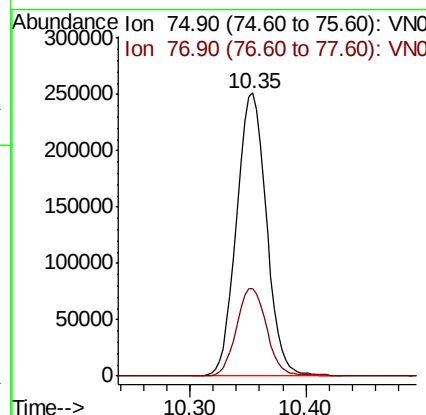
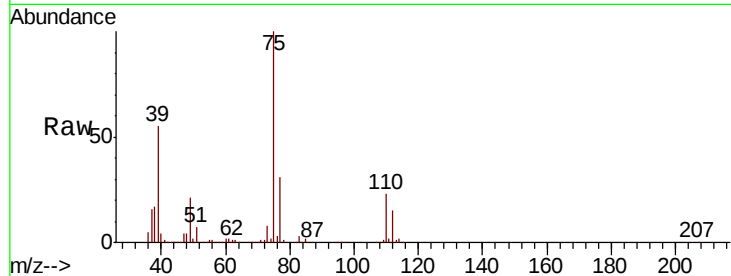




#53
 t-1,3-Dichloropropene
 Concen: 50.309 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

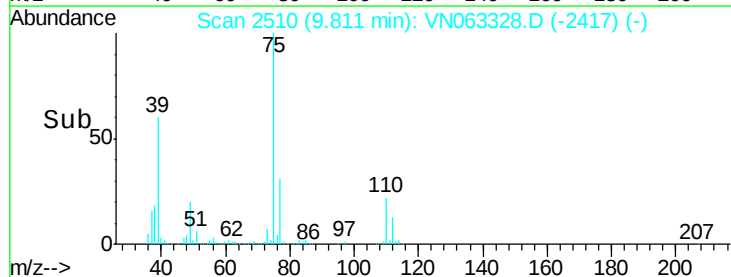
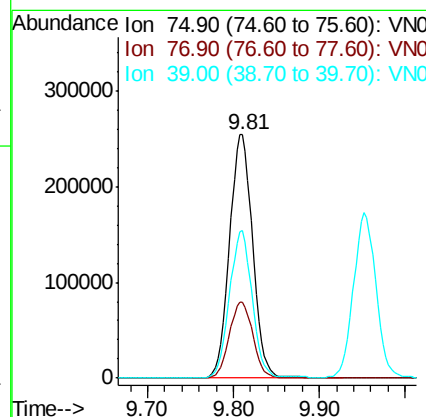
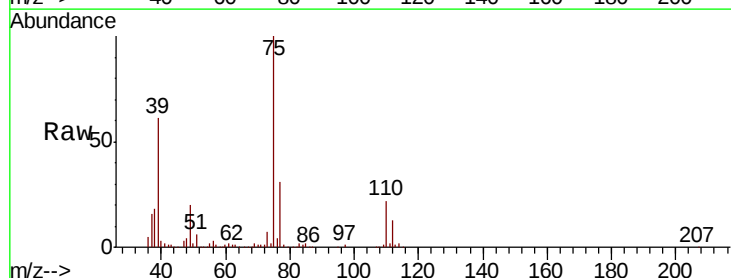
Instrument :
 MSVOA_N
 ClientSampleId :

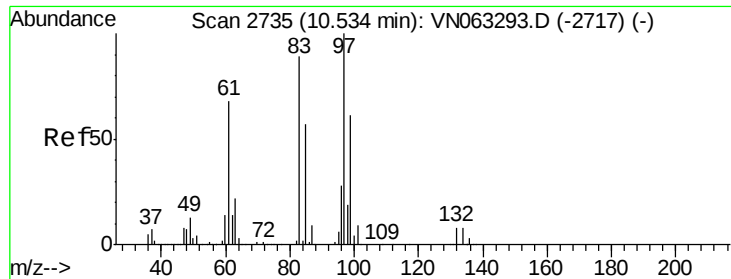
Tot Ion: 75 Resp: 447780
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.658 ug/l
 RT: 9.81 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 75 Resp: 475878
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.7 37.1
 39 60.5 47.2 70.8

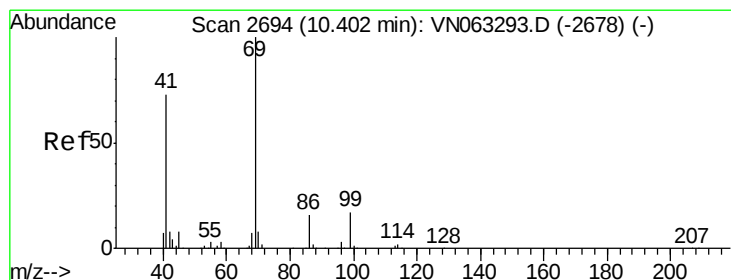
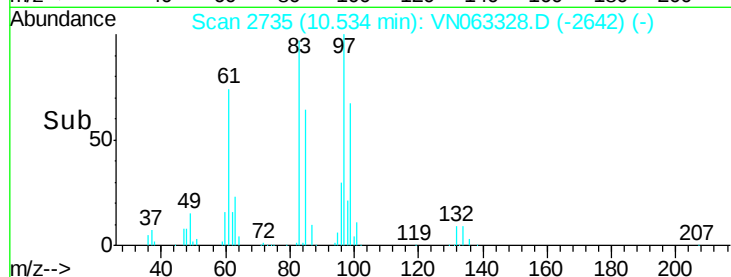
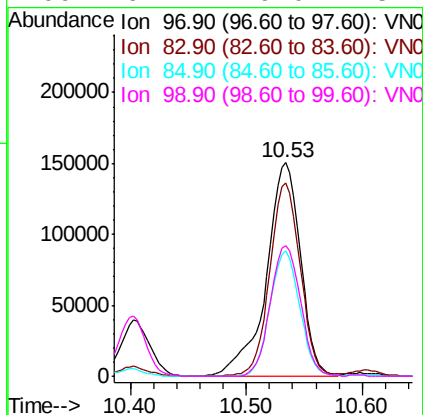
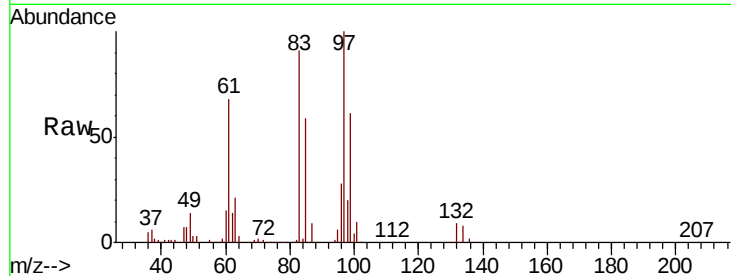




#55
 1,1,2-Trichloroethane
 Concen: 58.323 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

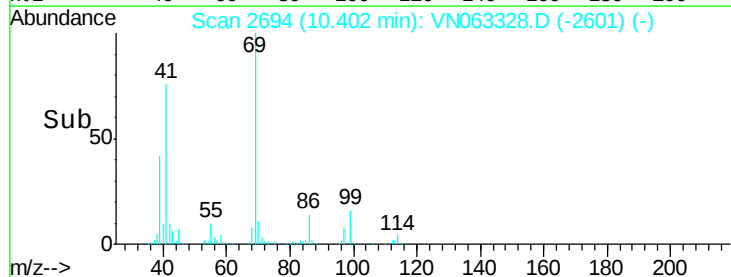
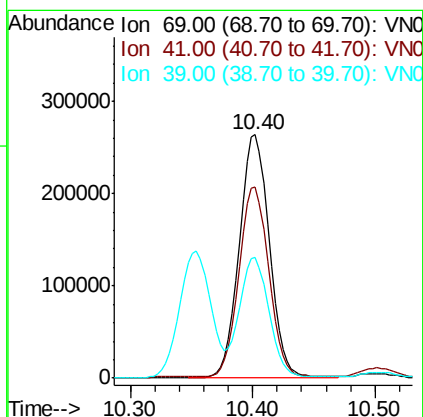
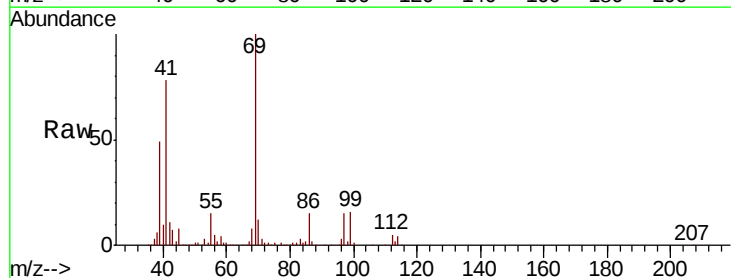
Instrument :
 MSVOA_N
 ClientSampled :

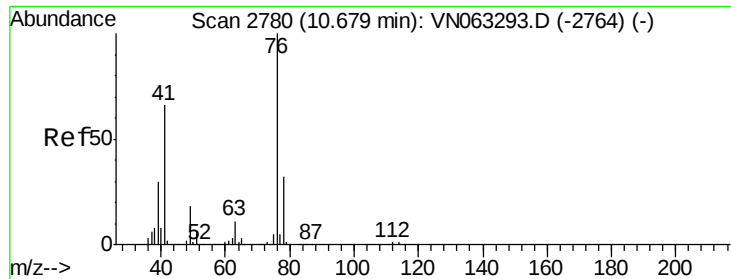
Tot Ion:	97	Resp:	307245
Ion	Ratio	Lower	Upper
97	100		
83	90.6	70.8	106.2
85	58.6	45.6	68.4
99	61.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 55.798 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion:	69	Resp:	446997
Ion	Ratio	Lower	Upper
69	100		
41	77.7	58.4	87.6
39	49.8	38.6	58.0

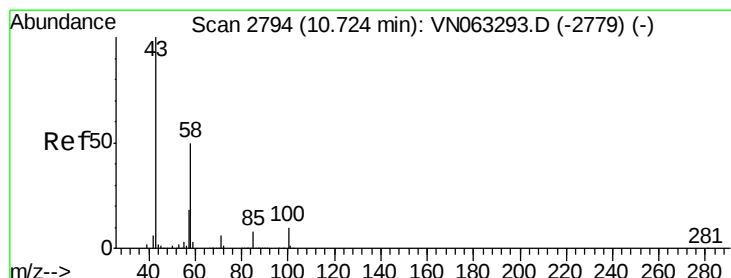
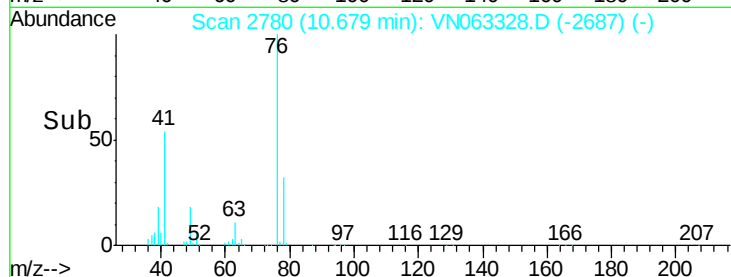
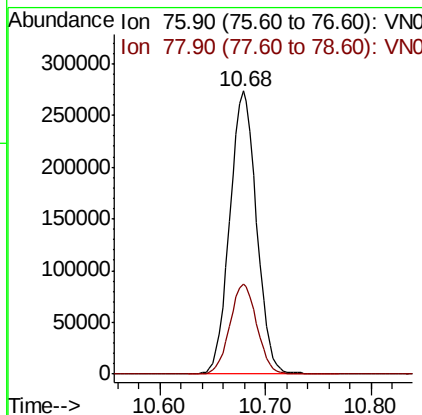
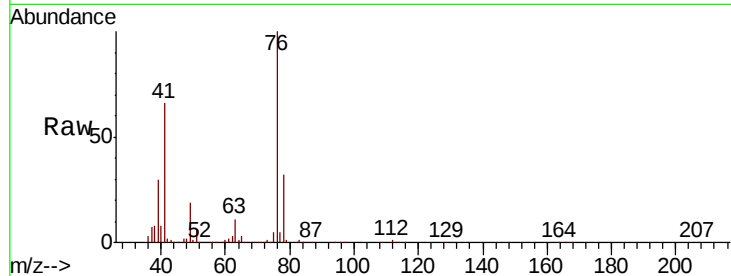




#57
 1,3-Dichloropropane
 Concen: 52.150 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

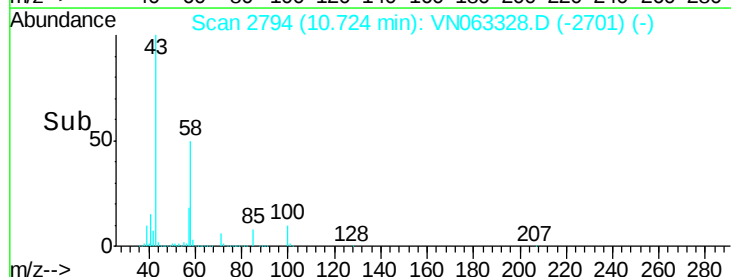
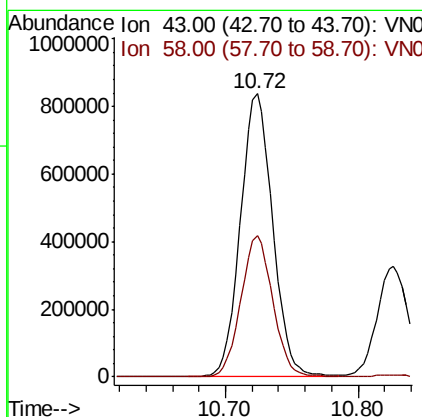
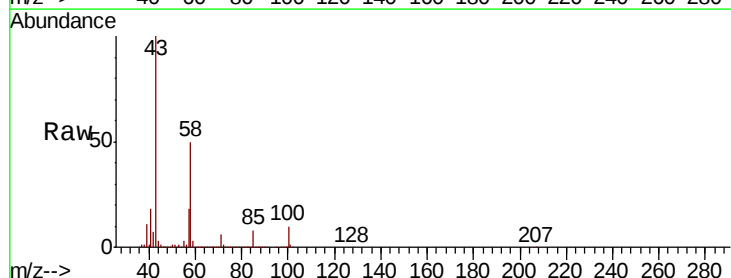
Instrument :
 MSVOA_N
 ClientSampleId :

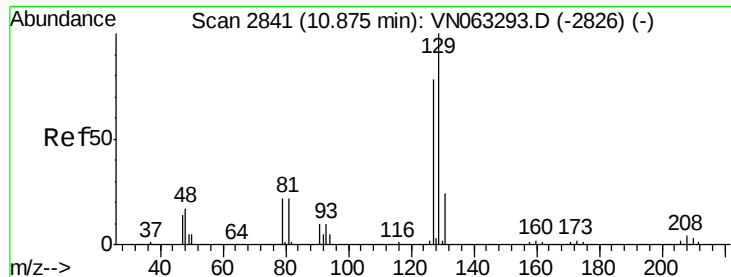
Tot Ion: 76 Resp: 480069
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#59
 2-Hexanone
 Concen: 270.346 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 43 Resp: 1411343
 Ion Ratio Lower Upper
 43 100
 58 49.6 25.1 75.3

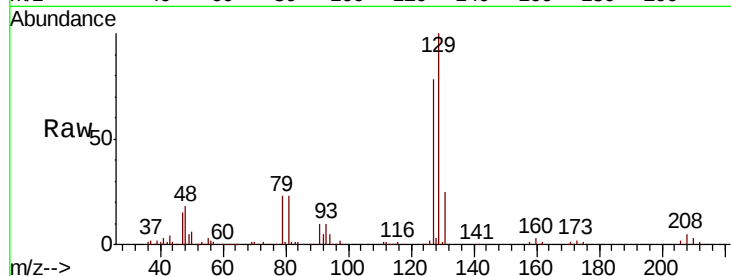




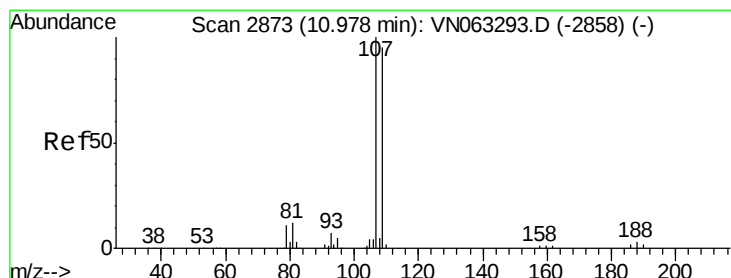
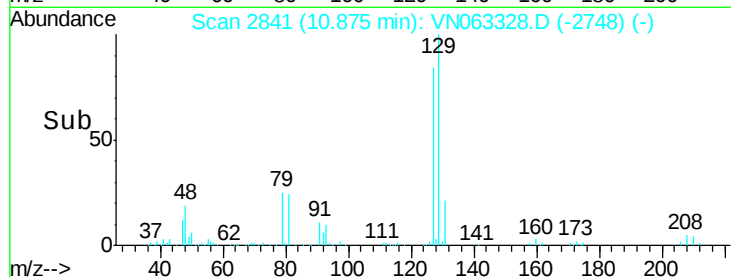
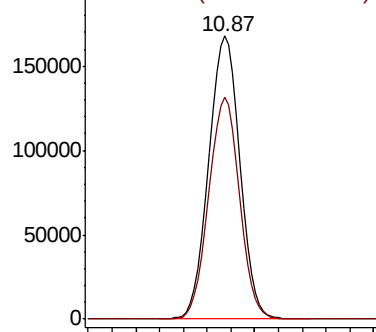
#60
 Dibromochloromethane
 Concen: 52.796 ug/l
 RT: 10.87 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:129 Resp: 305422
 Ion Ratio Lower Upper
 129 100
 127 77.5 39.0 117.0

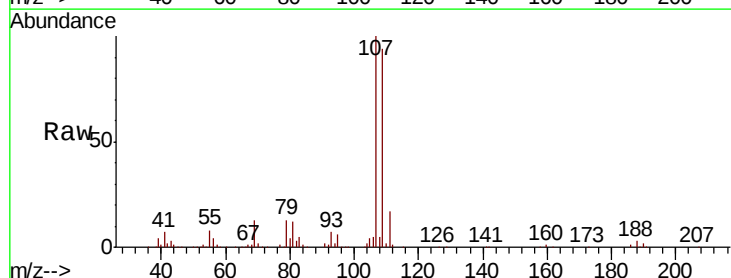


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

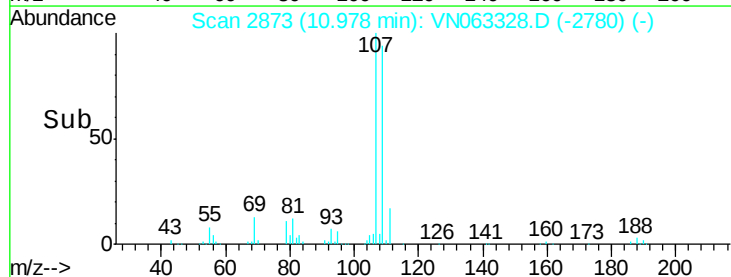
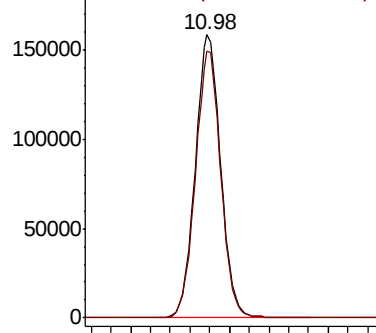


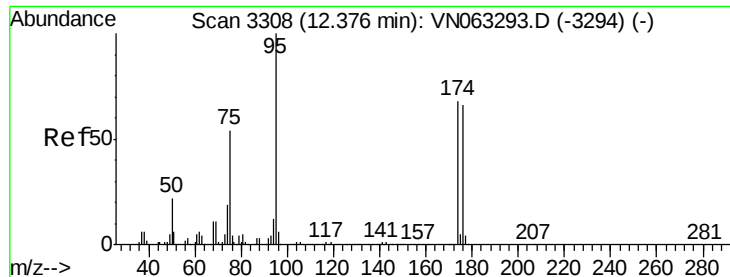
#61
 1,2-Dibromoethane
 Concen: 51.829 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion:107 Resp: 284643
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.096 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampled :

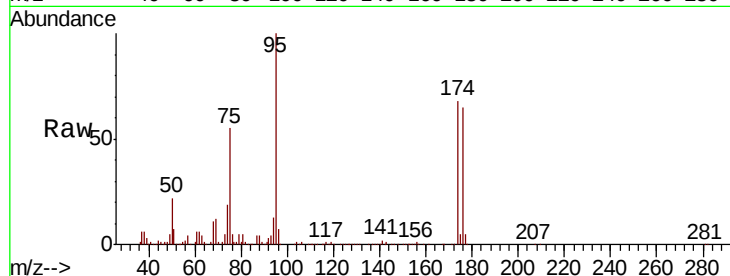
Tot Ion: 95 Resp: 343096

Ion Ratio Lower Upper

95 100

174 70.3 0.0 136.6

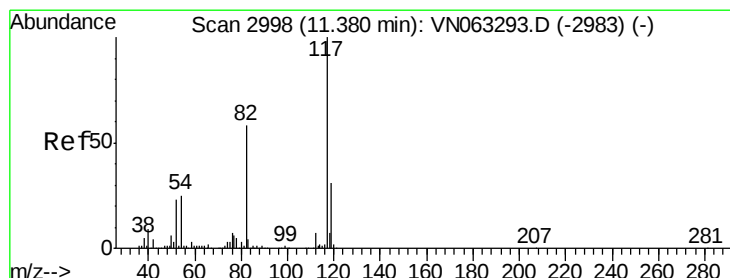
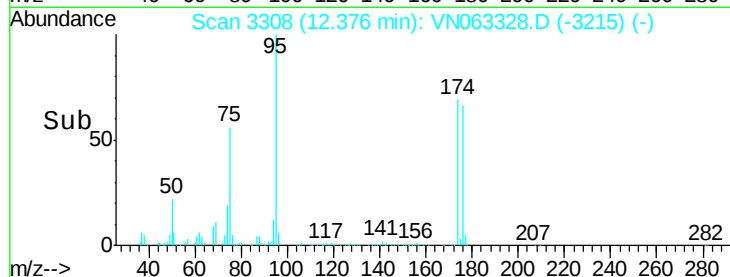
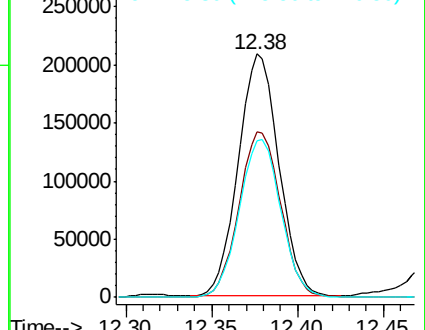
176 66.9 0.0 132.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

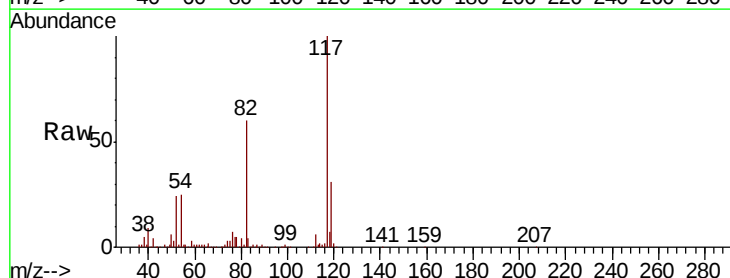
Tgt Ion: 117 Resp: 693981

Ion Ratio Lower Upper

117 100

82 59.5 46.4 69.6

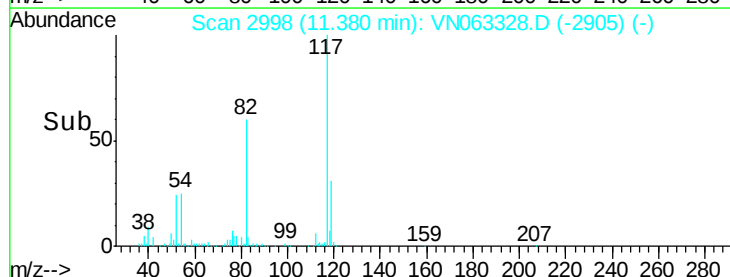
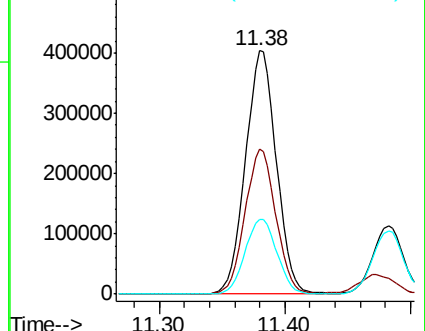
119 30.6 24.8 37.2

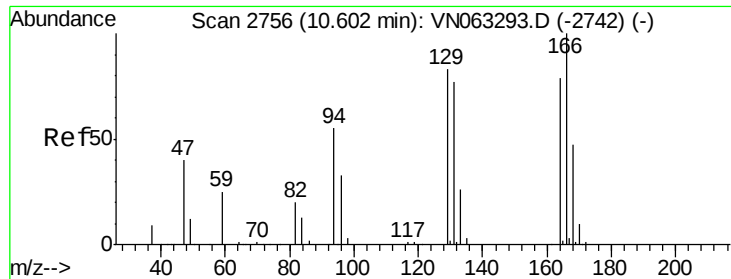


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

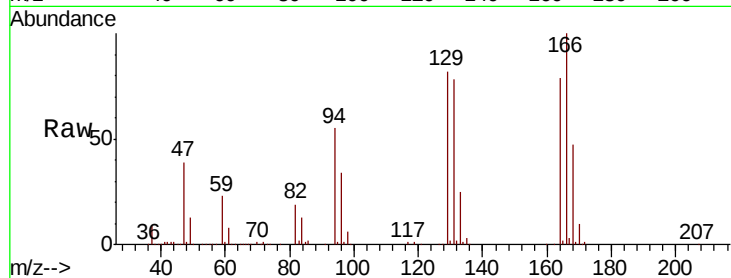




#64
Tetrachloroethene
Concen: 49.853 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.3	151.9
129	103.7	83.7	125.5
131	98.3	78.2	117.4



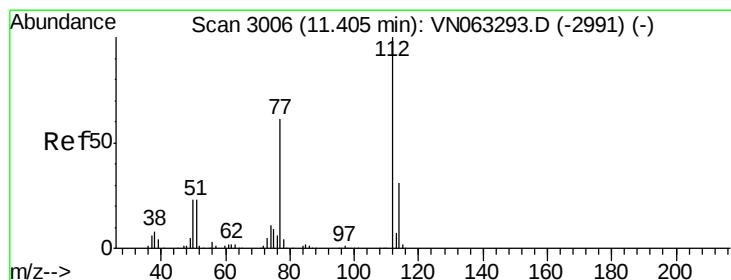
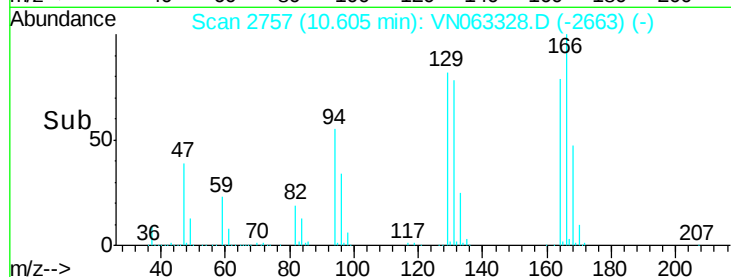
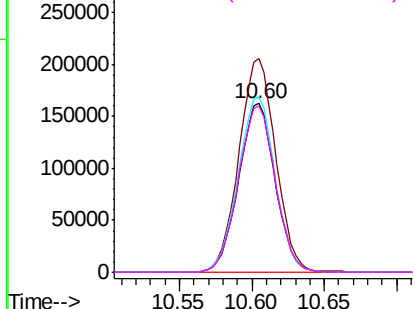
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

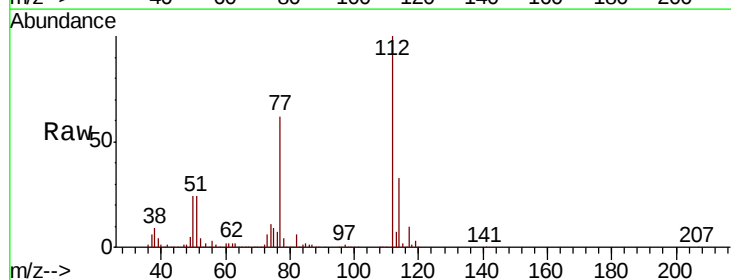
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 49.427 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

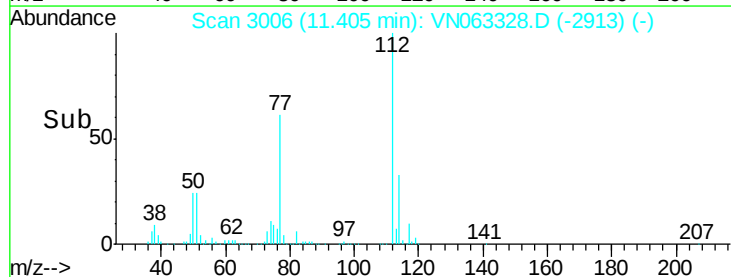
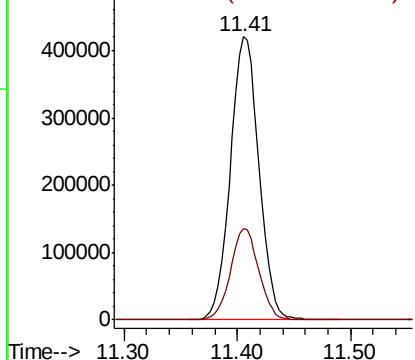
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	24.6	36.8

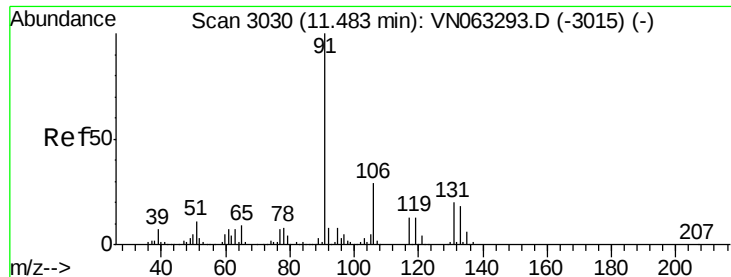


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

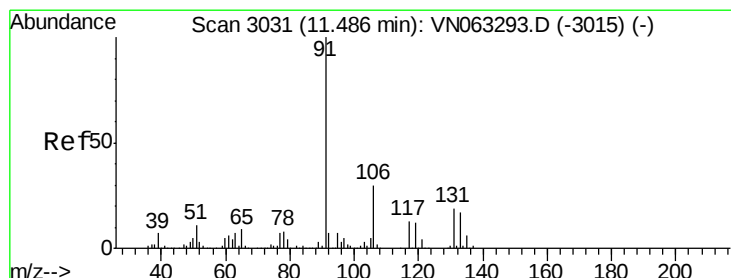
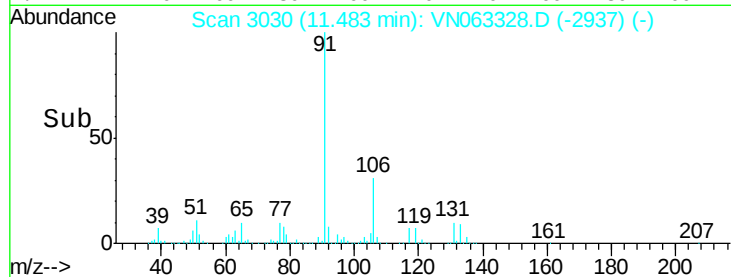
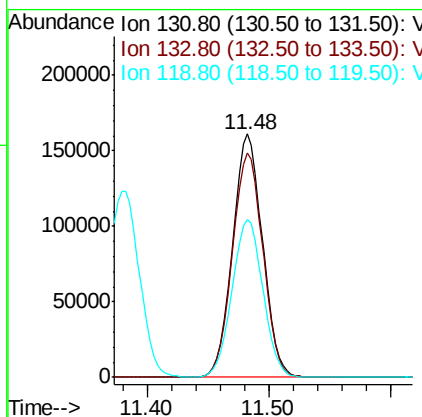
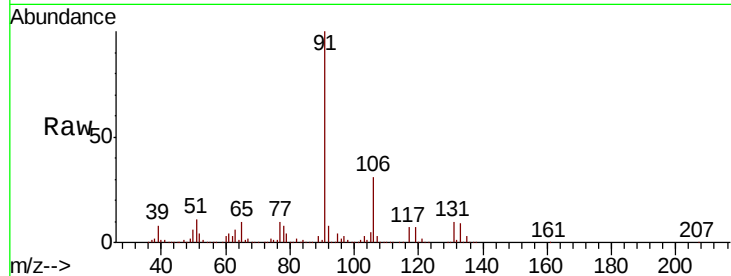




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.447 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

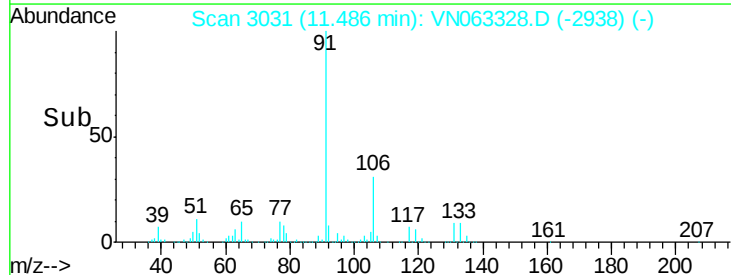
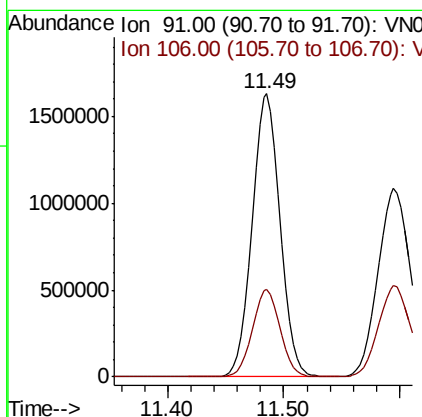
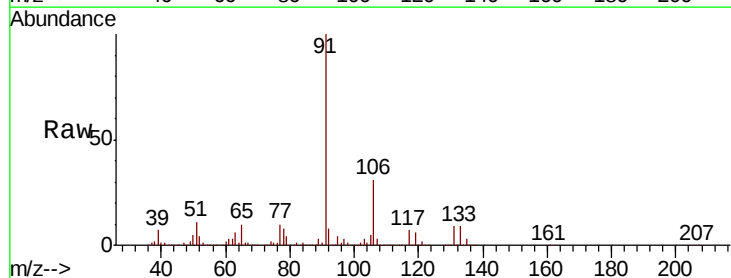
Instrument :
 MSVOA_N
 ClientSampled :

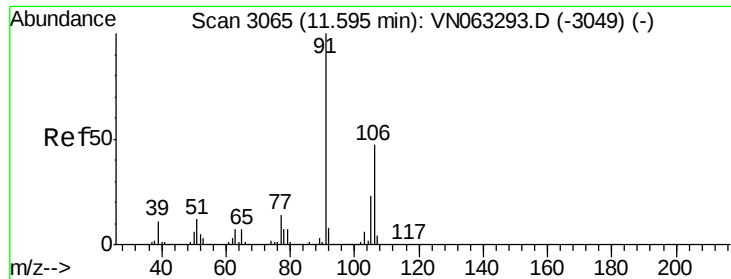
Tot Ion:131 Resp: 274599
 Ion Ratio Lower Upper
 131 100
 133 93.9 47.4 142.2
 119 66.4 33.8 101.3



#67
 Ethyl Benzene
 Concen: 102.315 ug/l
 RT: 11.49 min Scan# 3031
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 91 Resp: 2744231
 Ion Ratio Lower Upper
 91 100
 106 30.9 23.8 35.6

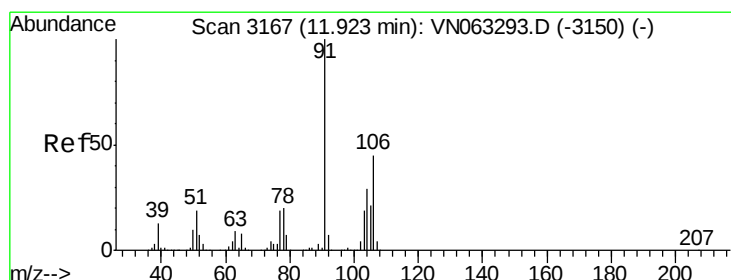
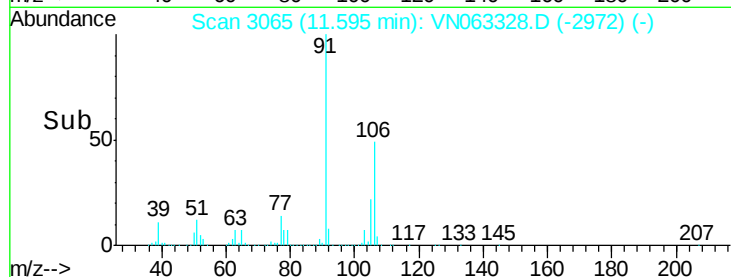
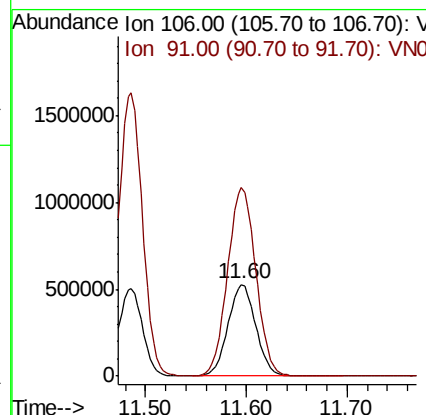
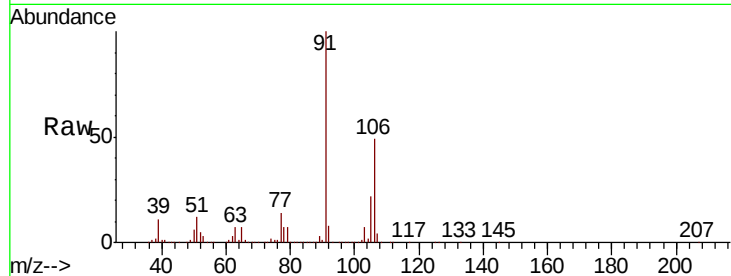




#68
m/p-Xvlenes
Concen: 102.149 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

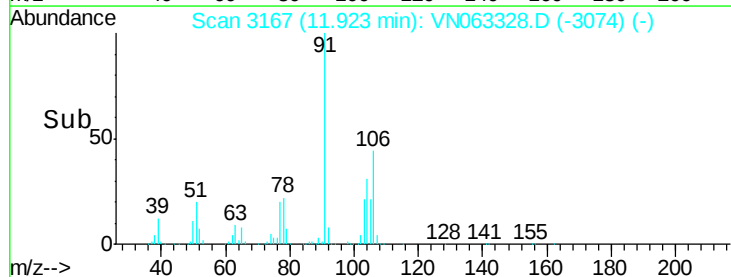
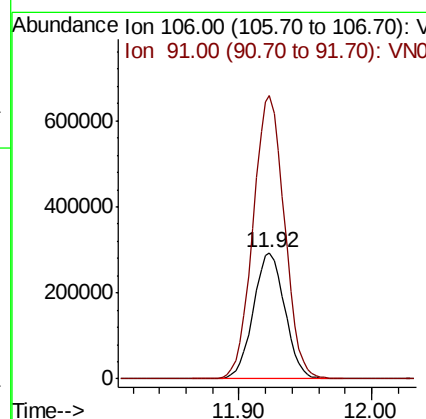
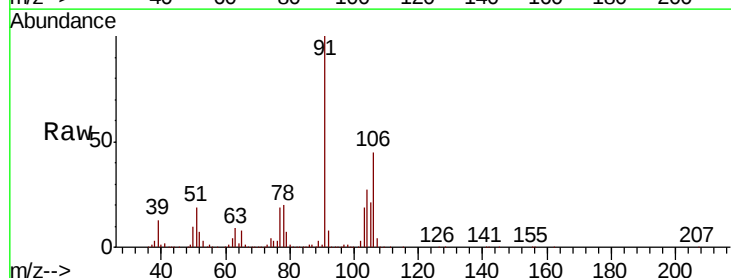
Instrument :
MSVOA_N
ClientSampled :

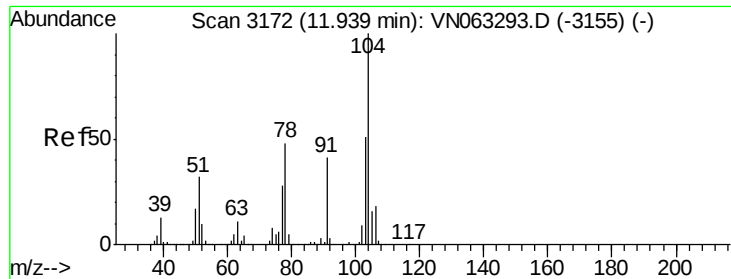
Tot Ion:106 Resp: 1013446
Ion Ratio Lower Upper
106 100
91 209.3 169.8 254.8



#69
o-Xylene
Concen: 50.872 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion:106 Resp: 484364
Ion Ratio Lower Upper
106 100
91 223.9 111.5 334.4

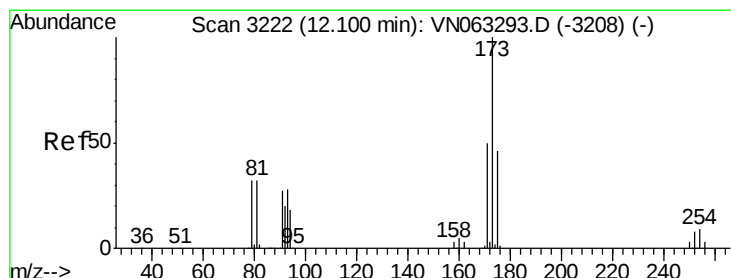
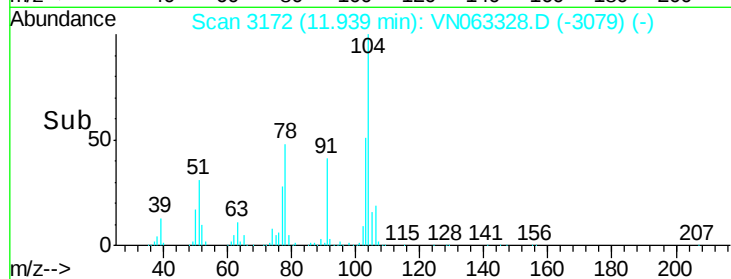
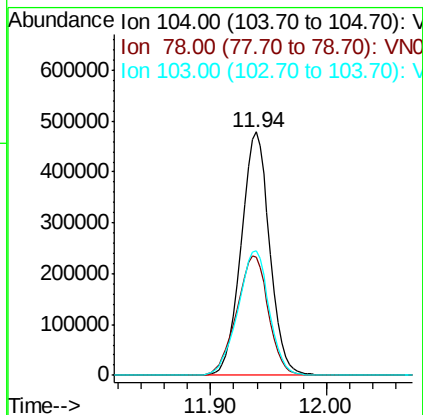
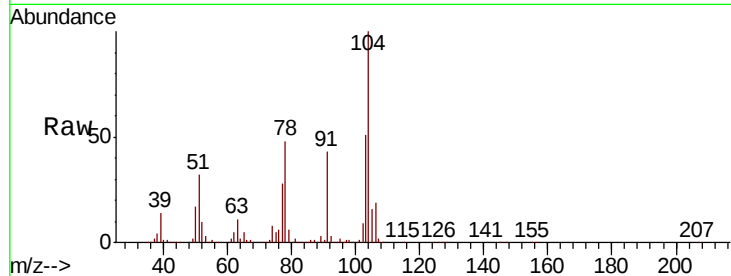




#70
Stvrene
Concen: 51.579 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

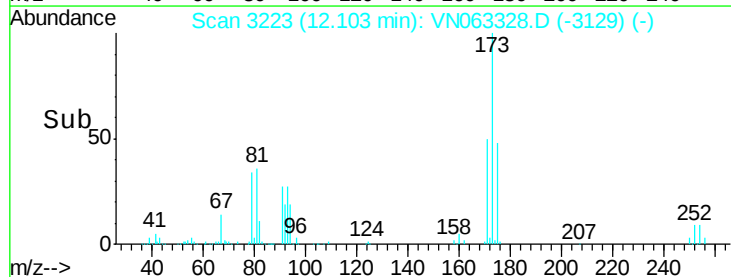
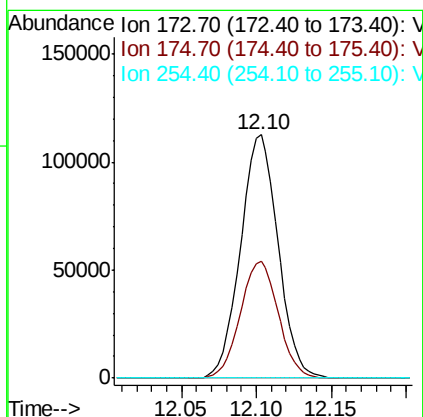
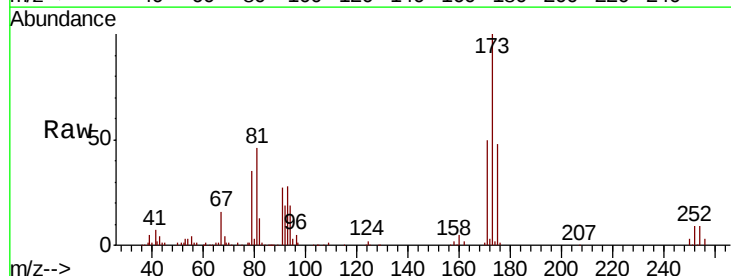
Instrument :
MSVOA_N
ClientSampleId :

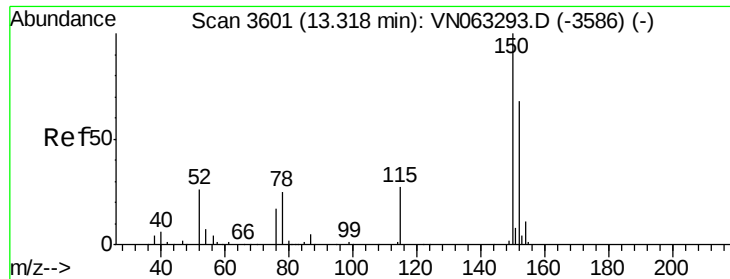
Tot Ion:104 Resp: 816212
Ion Ratio Lower Upper
104 100
78 54.7 42.9 64.3
103 56.3 44.2 66.2



#71
Bromoform
Concen: 52.240 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion:173 Resp: 196679
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.5
254 0.0 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

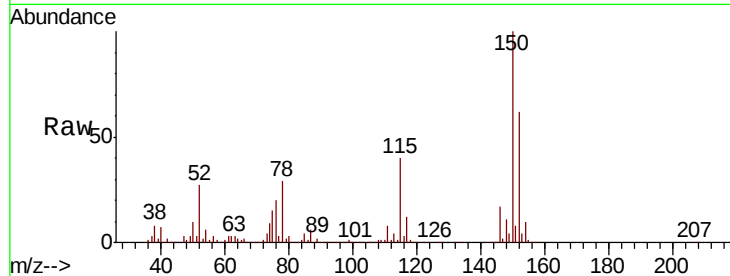
Tot Ion:152 Resp: 325329

Ion Ratio Lower Upper

152 100

115 64.3 31.5 94.5

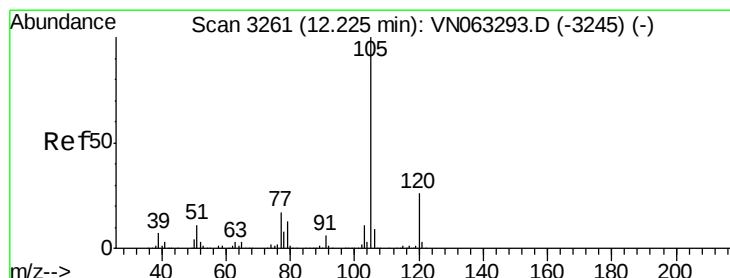
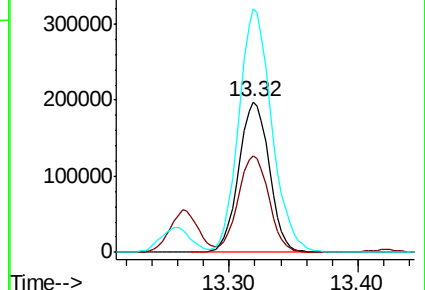
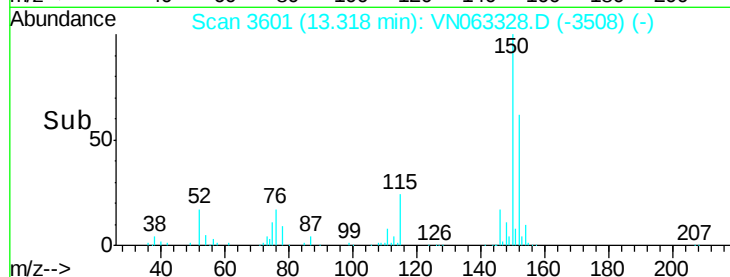
150 175.2 0.0 344.0



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: 69.962 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063328.D

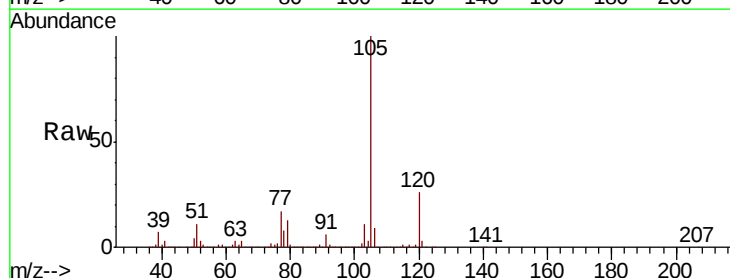
Acq: 11 Sep 2020 20:42

Tgt Ion:105 Resp: 1835881

Ion Ratio Lower Upper

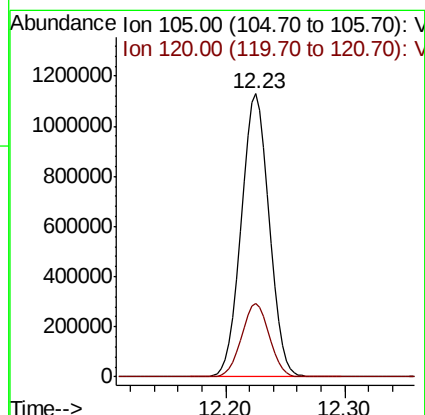
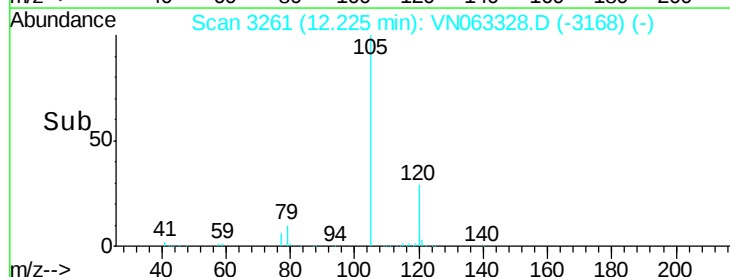
105 100

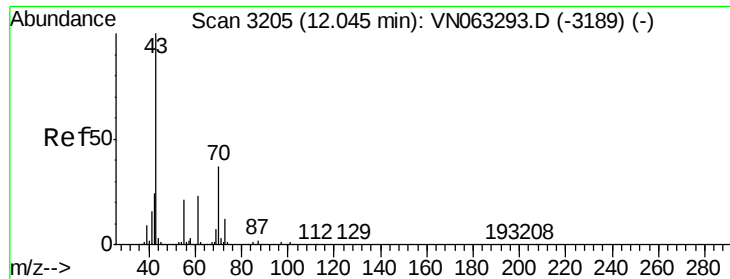
120 25.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

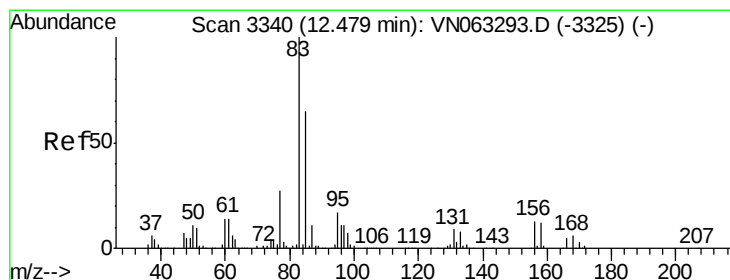
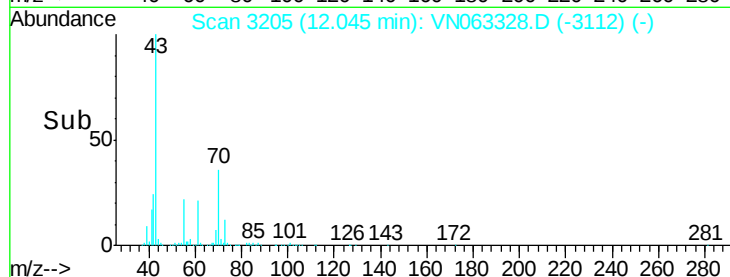
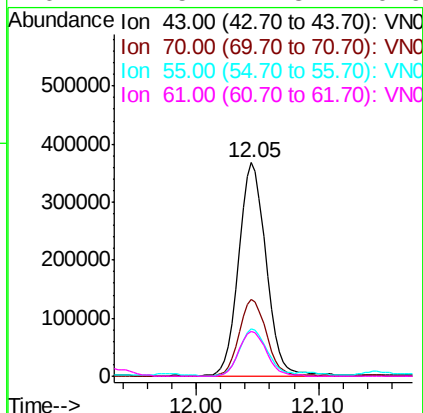
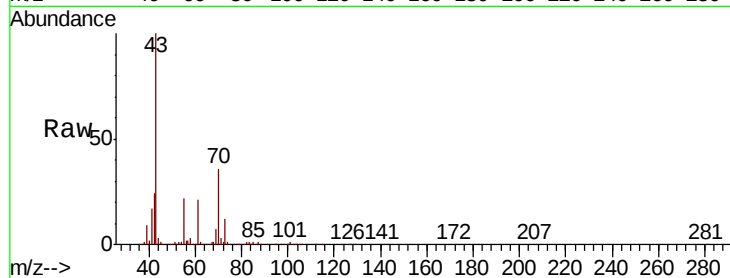




#74
N-amvl acetate
Concen: 52.915 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

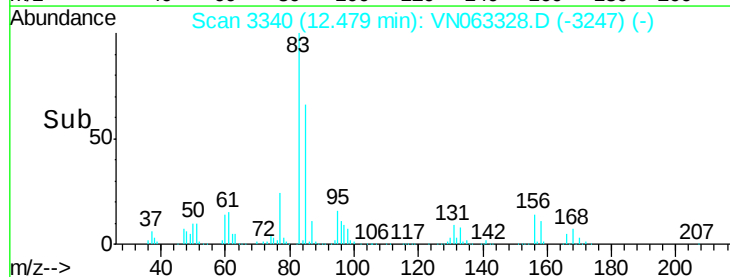
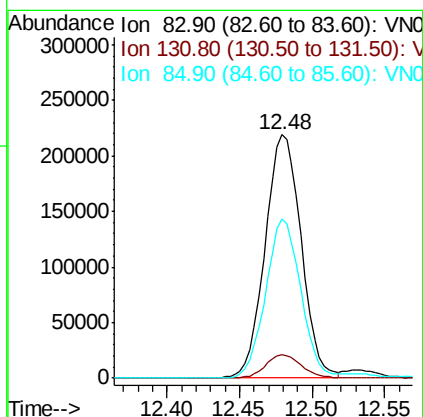
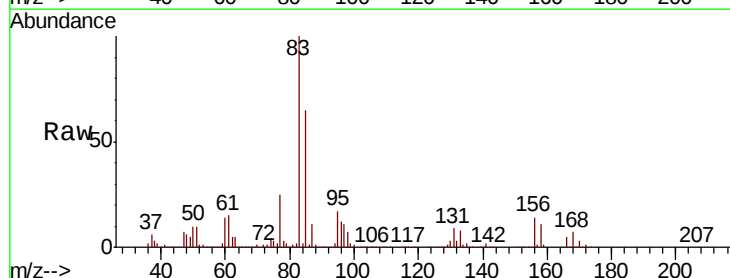
Instrument :
MSVOA_N
ClientSampled :

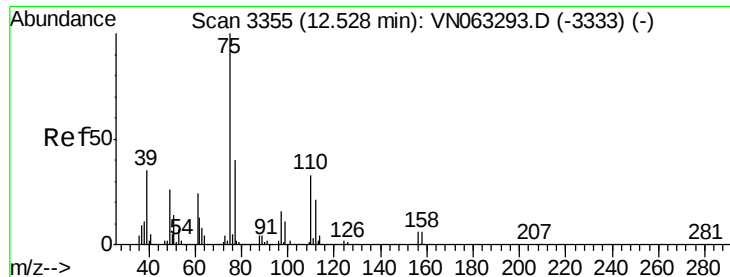
Tot Ion:	43	Resp:	570069
Ion	Ratio	Lower	Upper
43	100		
70	36.0	29.3	43.9
55	22.5	17.0	25.6
61	21.5	17.8	26.6



#75
1,1,2,2-Tetrachloroethane
Concen: 50.392 ug/l
RT: 12.48 min Scan# 3340
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion:	83	Resp:	378711
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	63.8	32.0	96.2

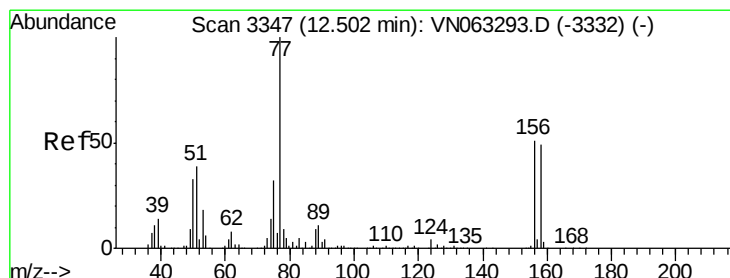
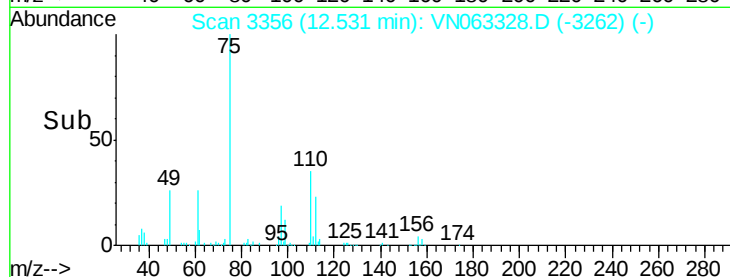
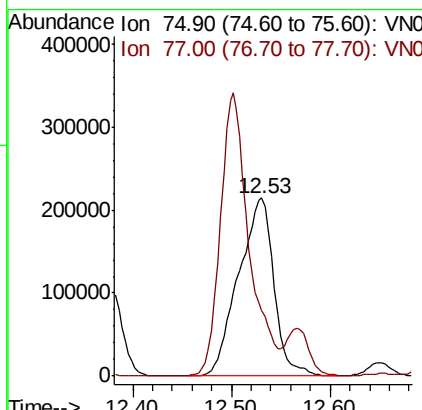
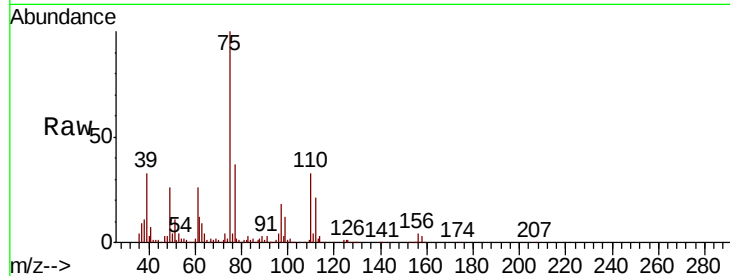




#76
1,2,3-Trichloropropane
Concen: 74.137 ug/l
RT: 12.53 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

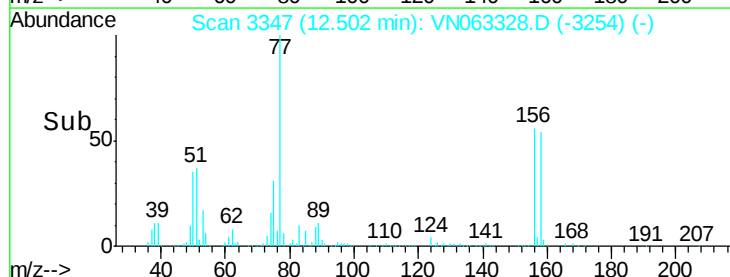
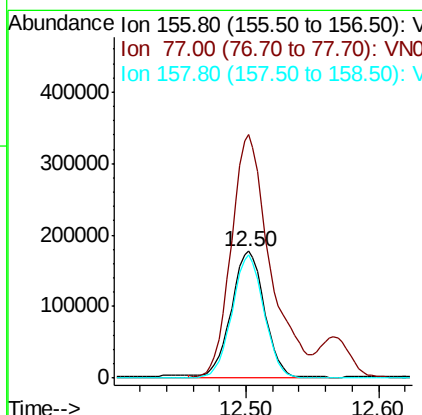
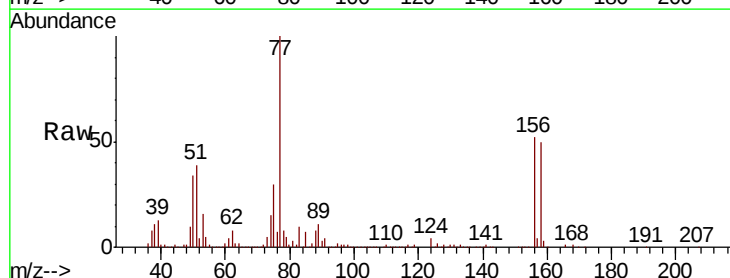
Instrument :
MSVOA_N
ClientSampleId :

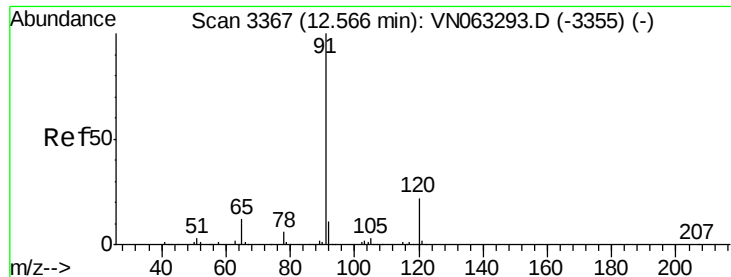
Tot Ion: 75 Resp: 532102
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 50.681 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 156 Resp: 305700
Ion Ratio Lower Upper
156 100
77 228.7 117.4 352.2
158 94.5 48.8 146.4





#78

n-propylbenzene

Concen: 73.253 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

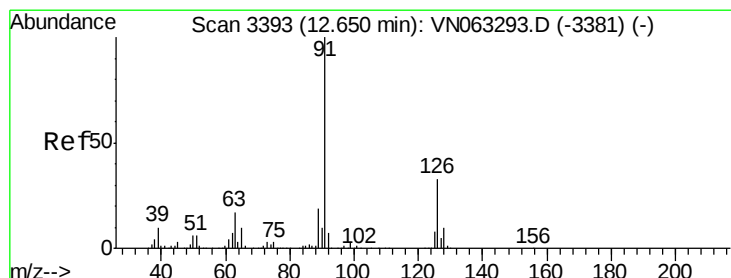
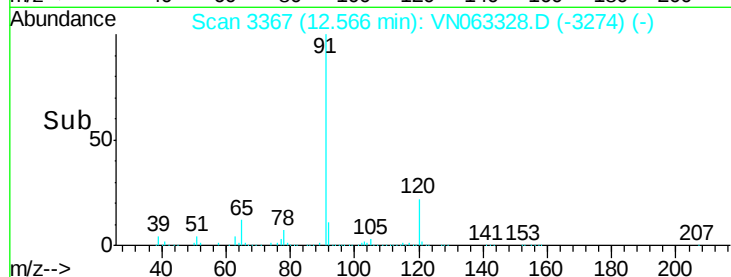
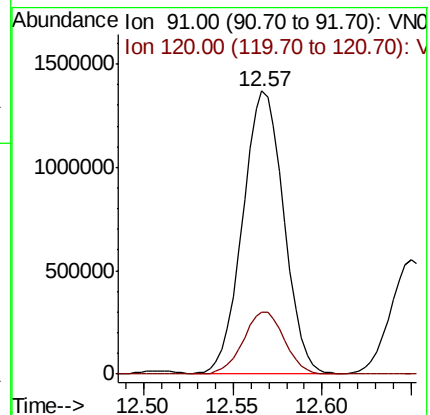
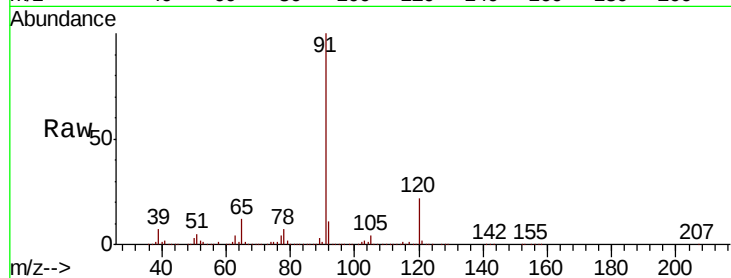
ClientSampleId :

Tot Ion: 91 Resp: 2183695

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3



#79

2-Chlorotoluene

Concen: 49.351 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063328.D

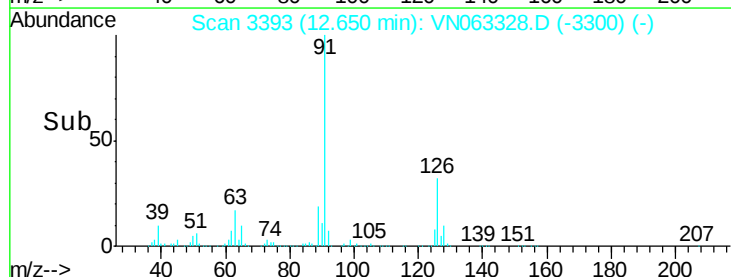
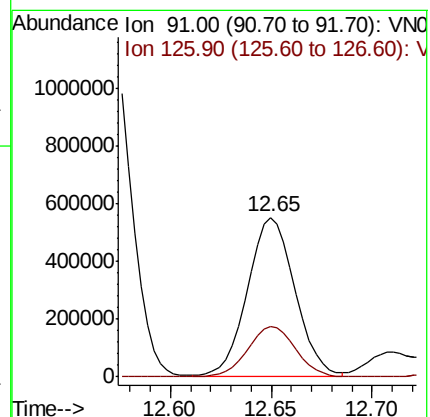
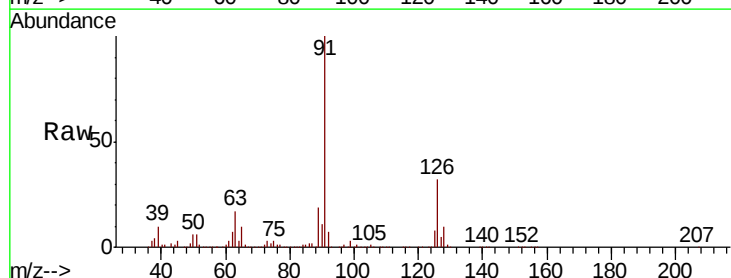
Acq: 11 Sep 2020 20:42

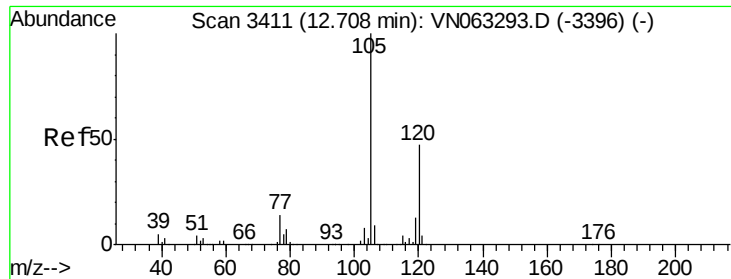
Tgt Ion: 91 Resp: 904575

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8

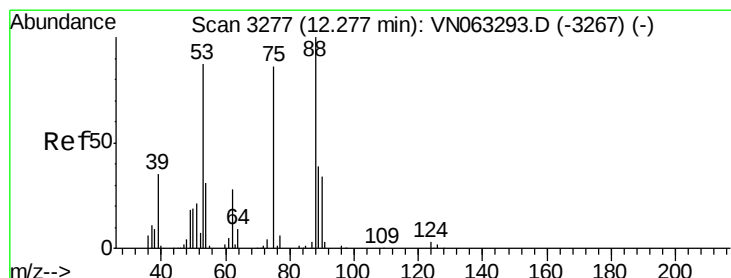
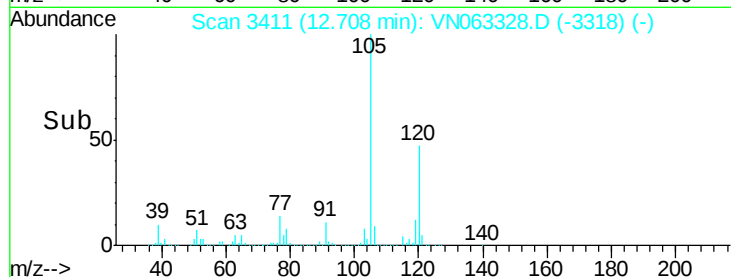
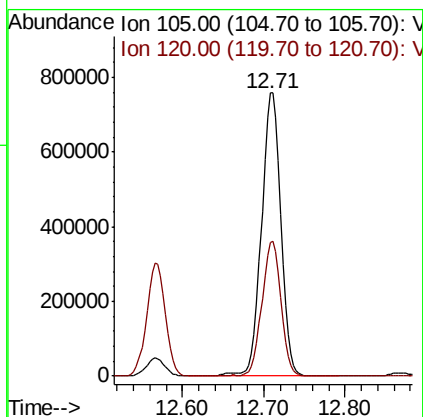
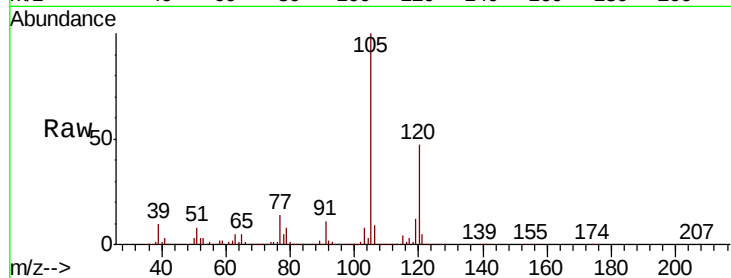




#80
 1,3,5-Trimethylbenzene
 Concen: 57.135 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

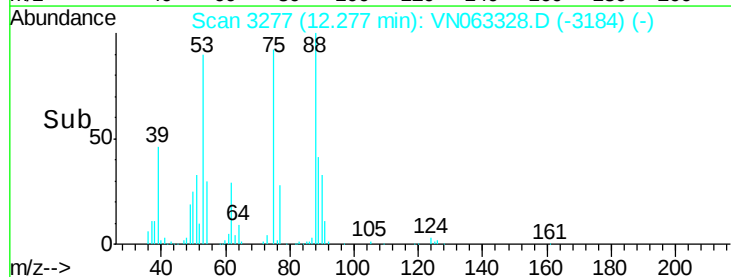
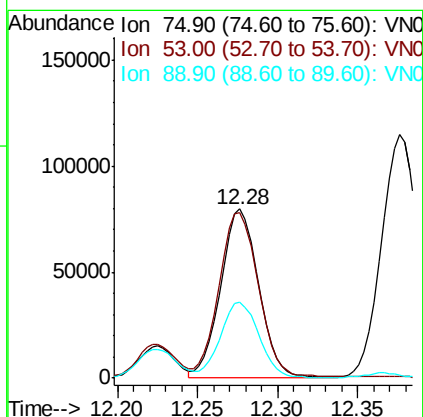
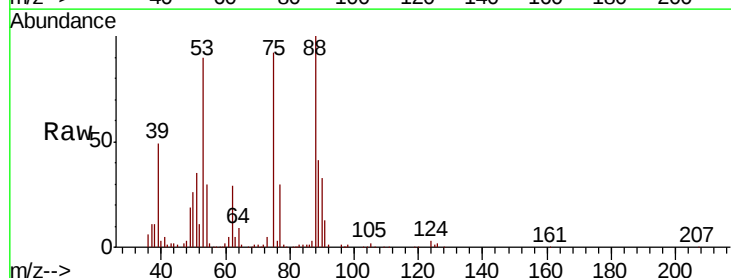
Instrument :
 MSVOA_N
 ClientSampled :

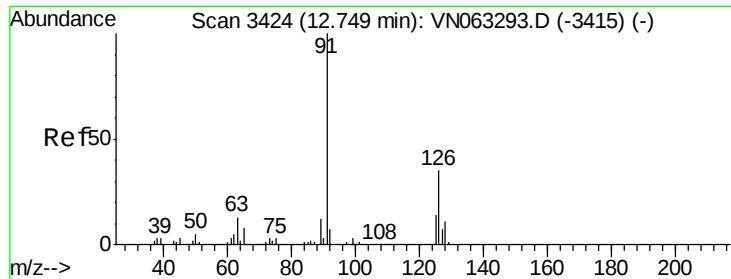
Tot Ion:105 Resp: 1244932
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.254 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 75 Resp: 128901
 Ion Ratio Lower Upper
 75 100
 53 101.3 81.8 122.8
 89 46.2 36.7 55.1

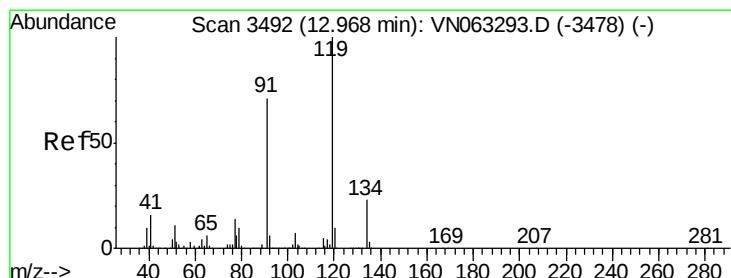
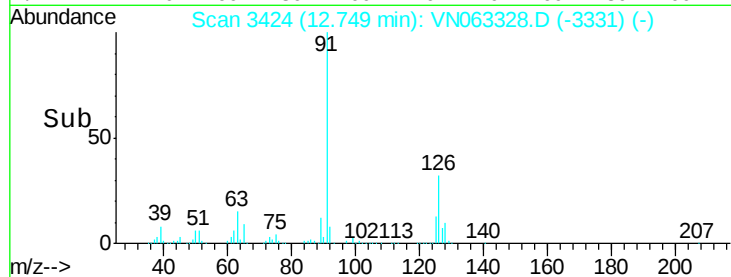
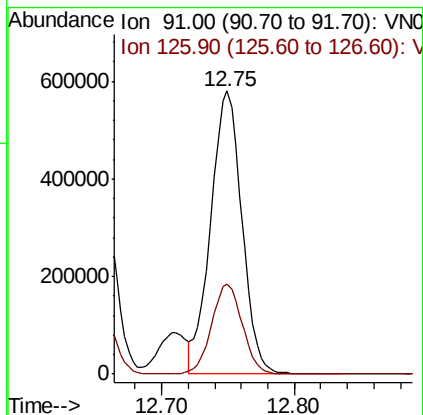
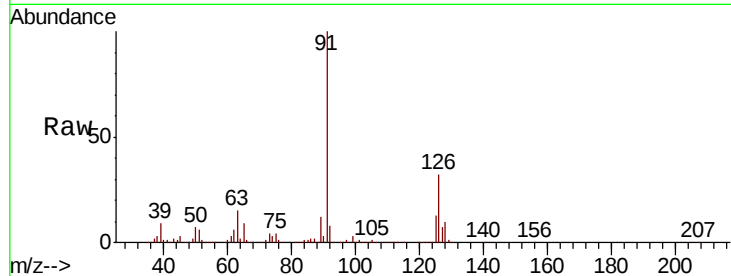




#82
4-Chlorotoluene
Concen: 49.226 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

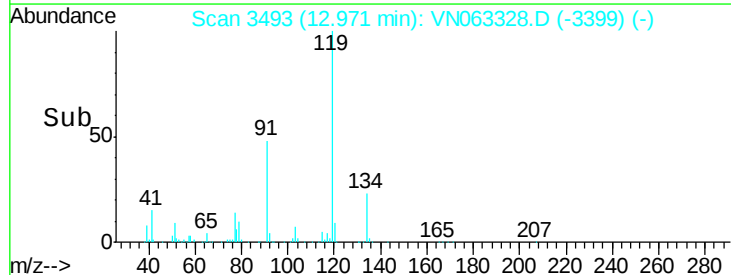
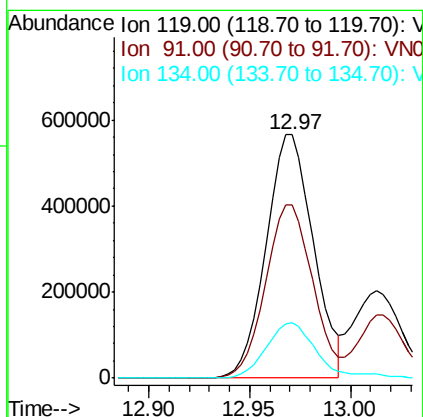
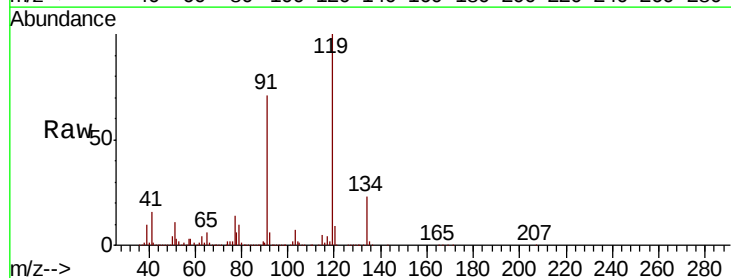
Instrument :
MSVOA_N
ClientSampleId :

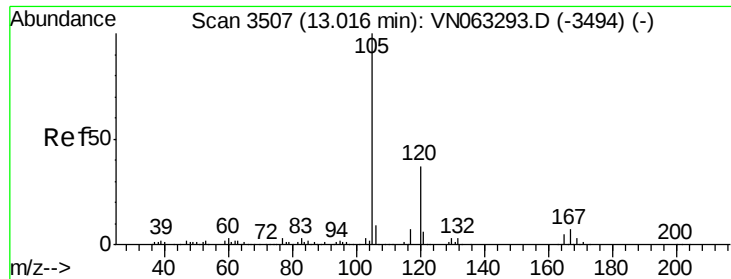
Tot Ion: 91 Resp: 945815
Ion Ratio Lower Upper
91 100
126 31.4 15.9 47.7



#83
tert-Butylbenzene
Concen: 49.872 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 119 Resp: 921592
Ion Ratio Lower Upper
119 100
91 71.2 34.8 104.3
134 24.3 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 95.887 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

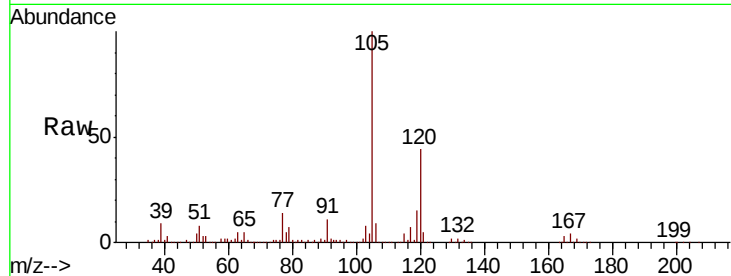
ClientSampled :

Tot Ion:105 Resp: 2105904

Ion Ratio Lower Upper

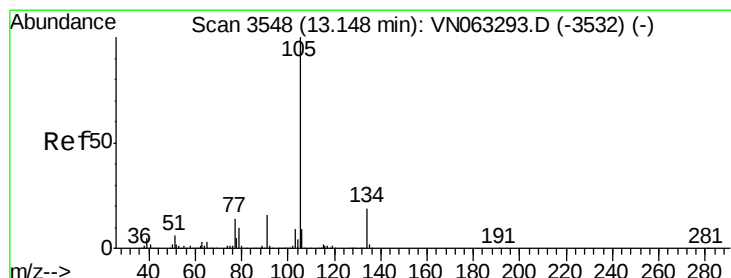
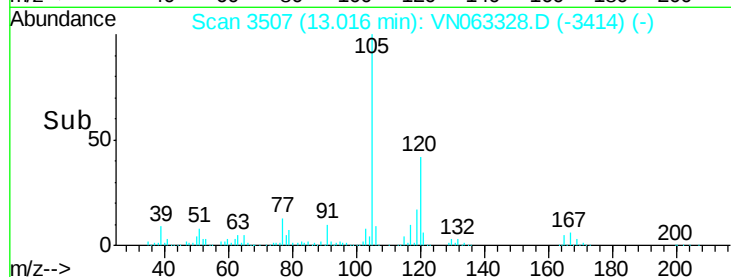
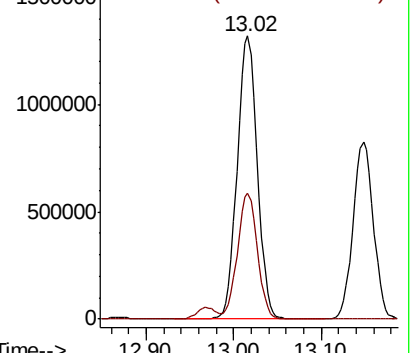
105 100

120 44.2 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 56.328 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063328.D

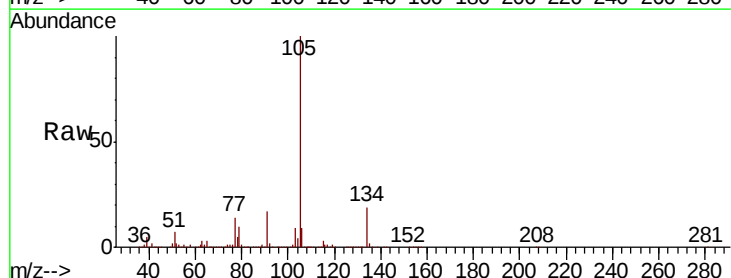
Acq: 11 Sep 2020 20:42

Tgt Ion:105 Resp: 1324290

Ion Ratio Lower Upper

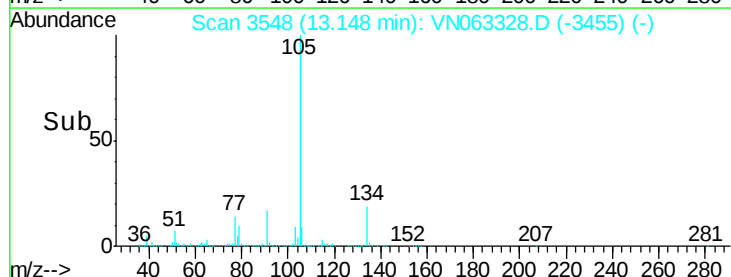
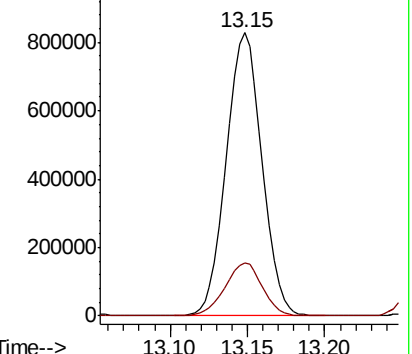
105 100

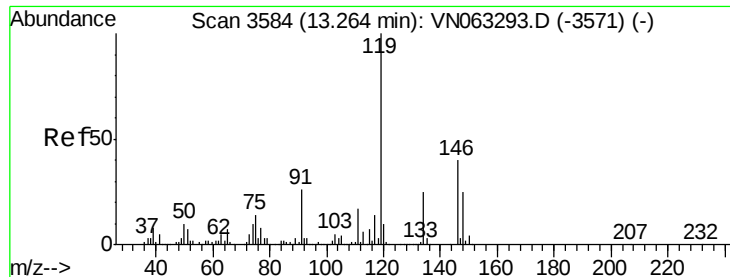
134 19.9 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

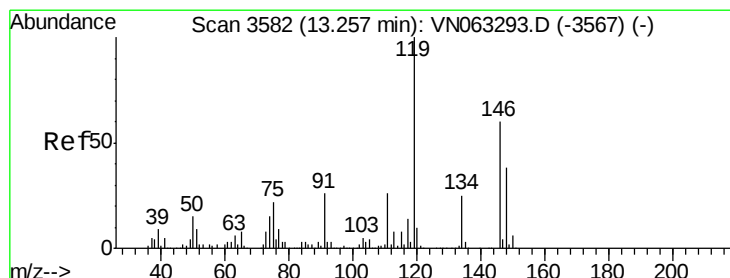
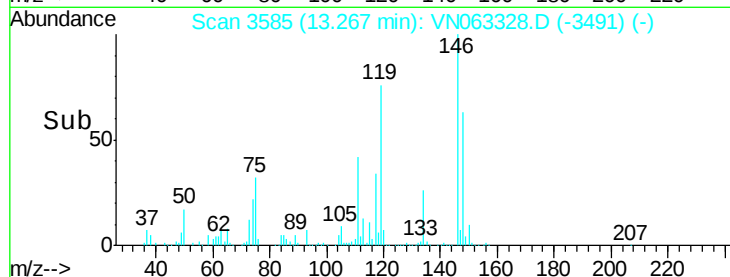
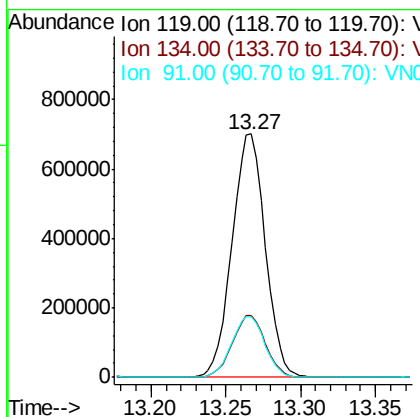
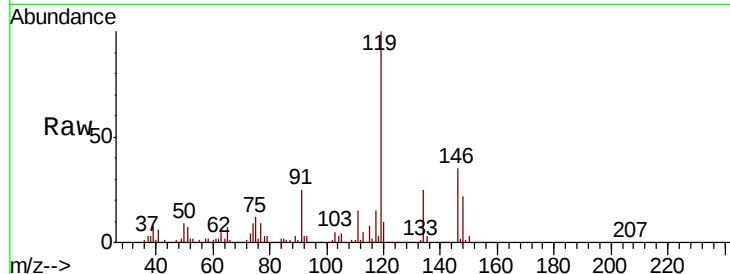




#86
 p-Isopropyltoluene
 Concen: 50.113 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

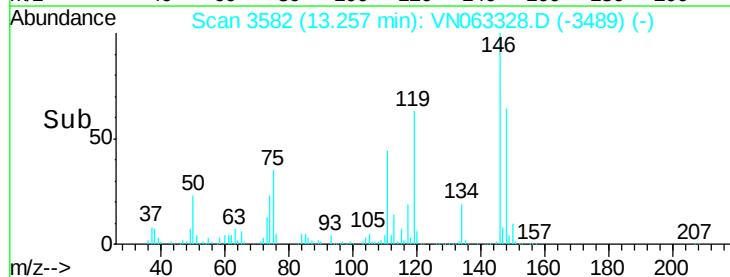
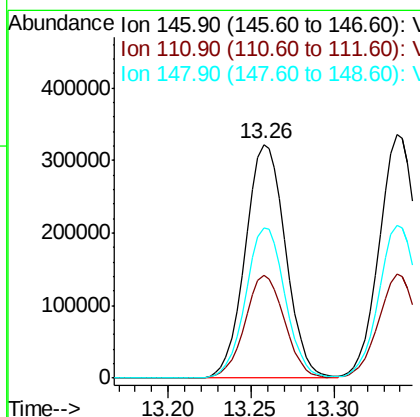
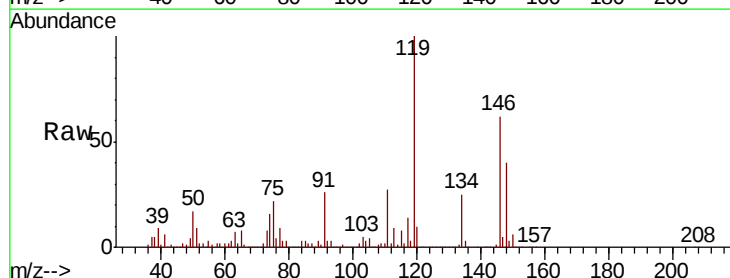
Instrument :
 MSVOA_N
 ClientSampleId :

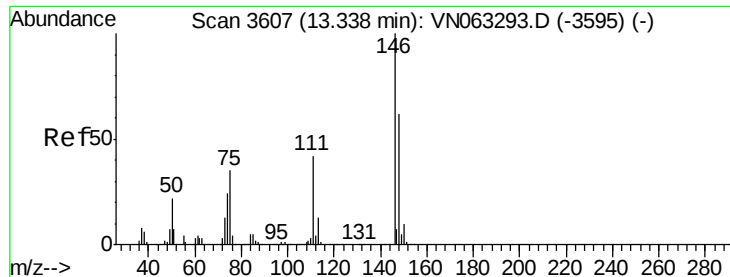
Tot Ion:119 Resp: 1080111
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.8 12.8 38.3



#87
 1,3-Dichlorobenzene
 Concen: 49.376 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion:146 Resp: 544473
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.8 65.4
 148 63.1 31.8 95.4

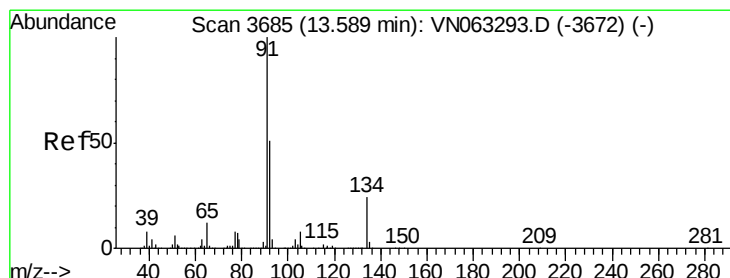
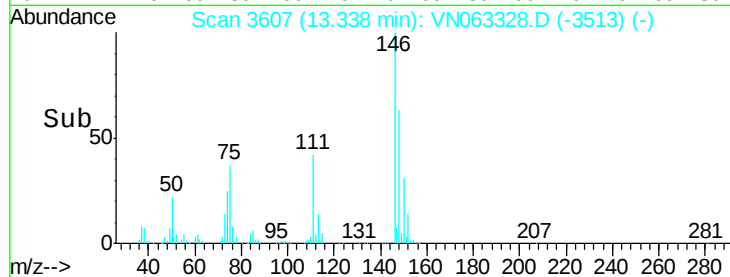
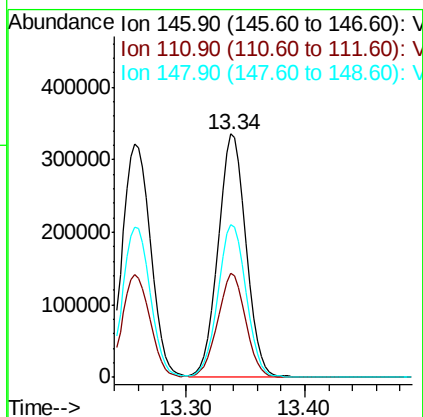
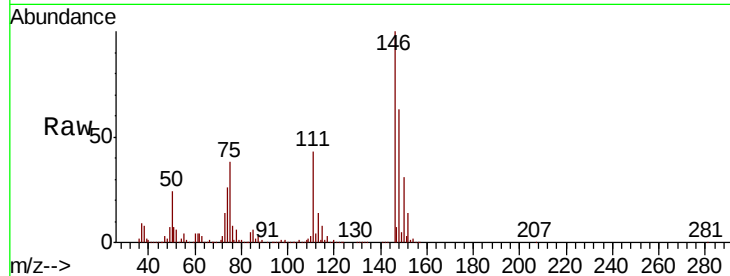




#88
 1,4-Dichlorobenzene
 Concen: 51.765 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

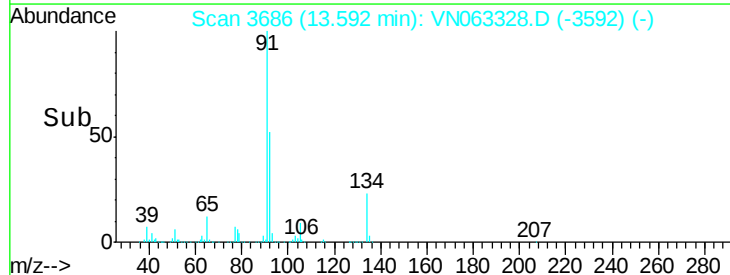
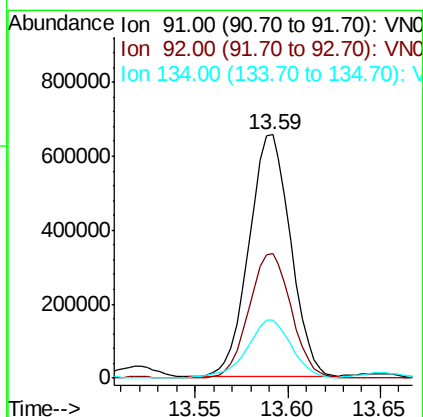
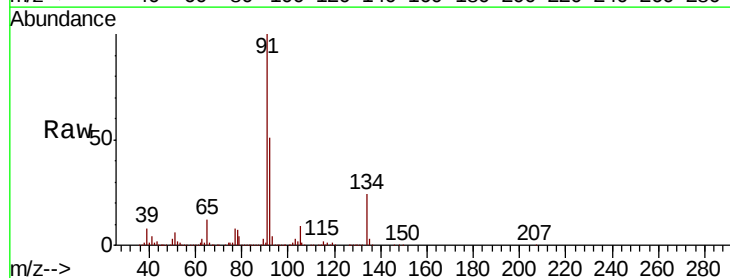
Instrument :
 MSVOA_N
 ClientSampleId :

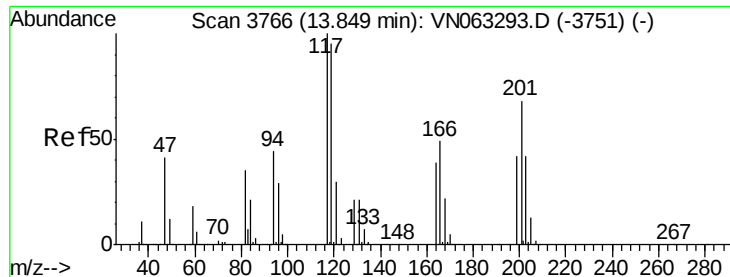
Tot Ion:146 Resp: 545472
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 64.0
 148 63.4 31.5 94.5



#89
 n-Butylbenzene
 Concen: 52.650 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 91 Resp: 1024388
 Ion Ratio Lower Upper
 91 100
 92 51.9 25.8 77.3
 134 25.7 12.0 36.0





#90

Hexachloroethane

Concen: 61.591 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

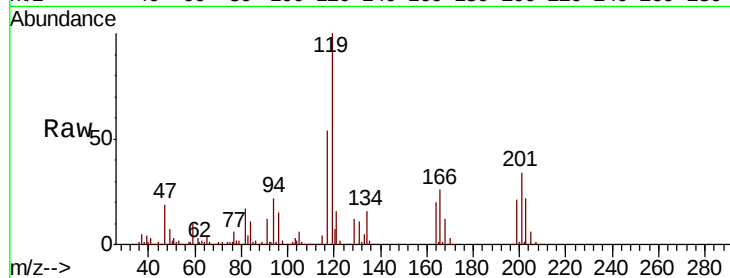
ClientSampled :

Tot Ion:117 Resp: 218360

Ion Ratio Lower Upper

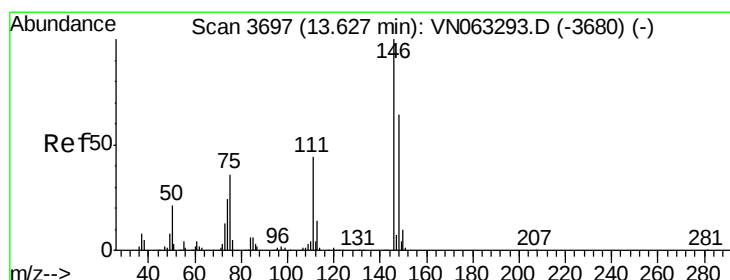
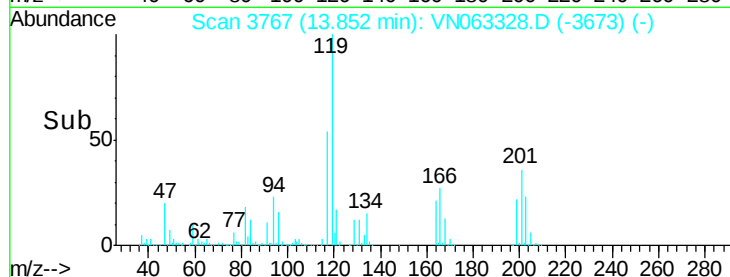
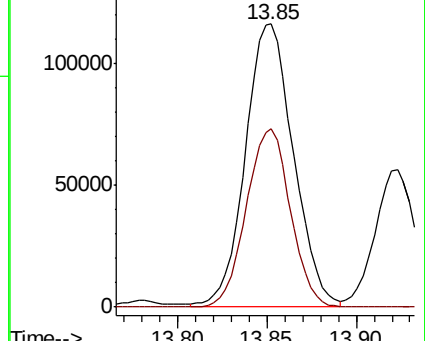
117 100

201 57.7 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.911 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

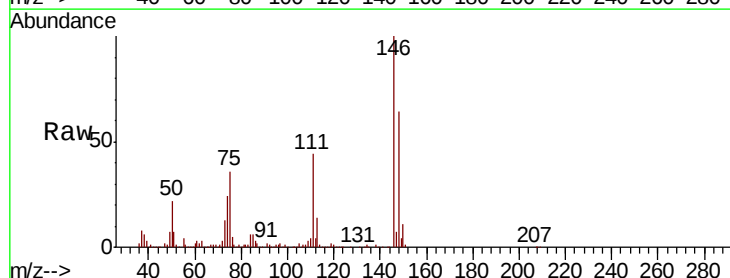
Tgt Ion:146 Resp: 554868

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.5

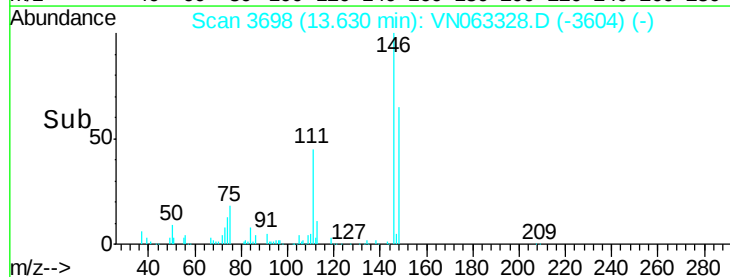
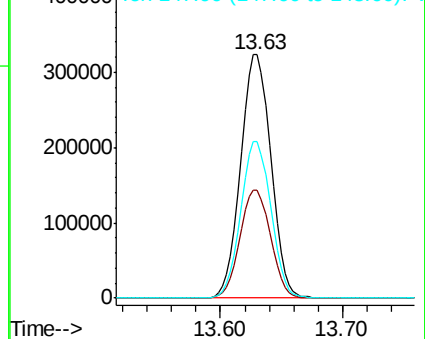
148 64.1 31.8 95.3

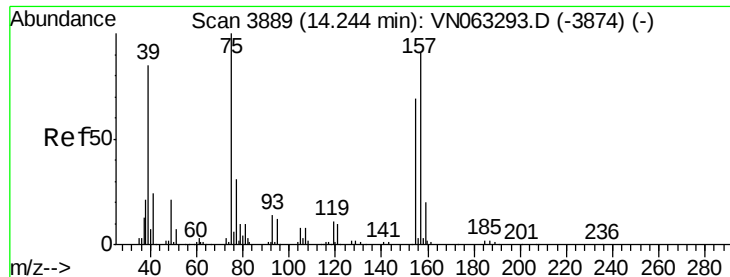


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.882 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

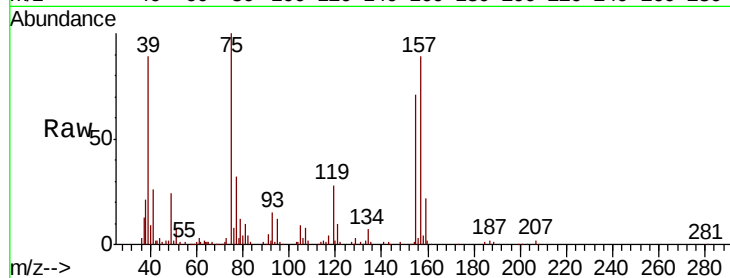
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 81828

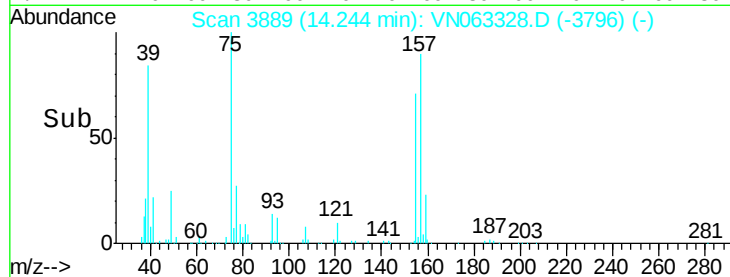
Ion	Ratio	Lower	Upper
75	100		
155	74.0	35.3	105.7
157	95.6	46.7	140.0



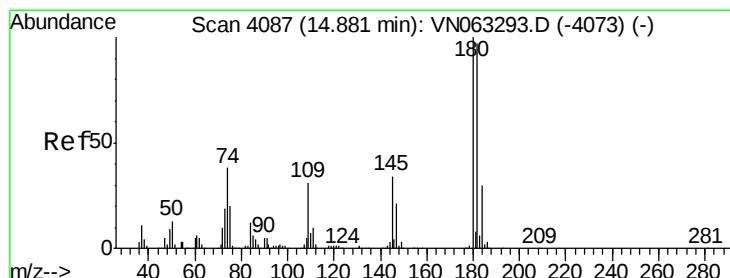
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 46.860 ug/l

RT: 14.88 min Scan# 4088

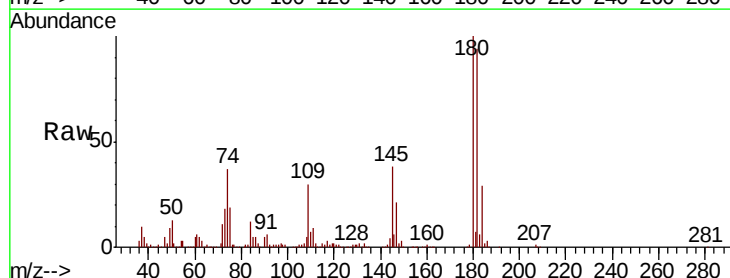
Delta R.T. 0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Tgt Ion:180 Resp: 298940

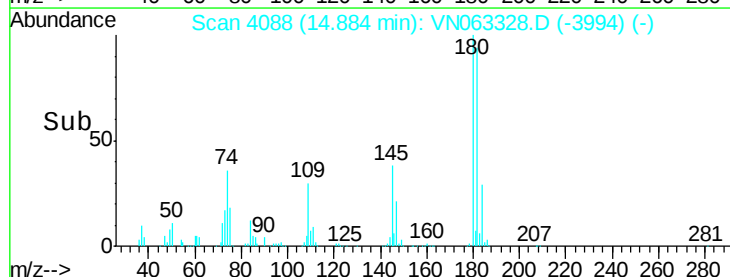
Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	44.5	16.6	49.8



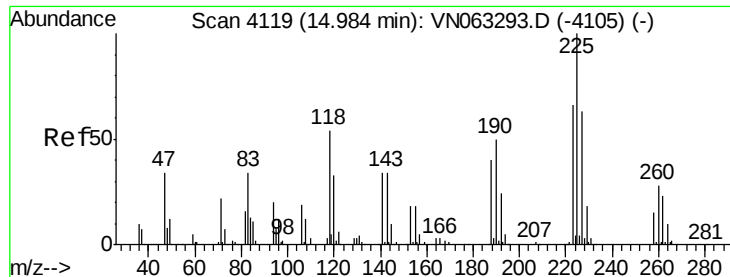
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#94

Hexachlorobutadiene

Concen: 48.769 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampled :

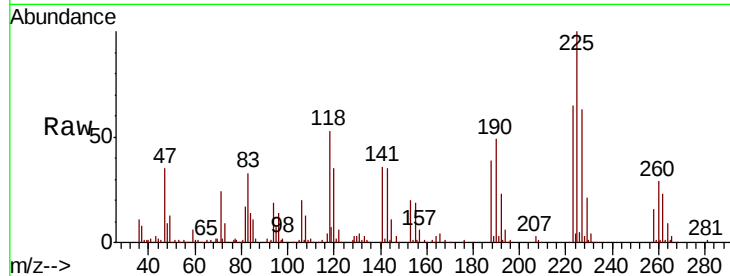
Tot Ion:225 Resp: 112221

Ion Ratio Lower Upper

225 100

223 65.1 31.3 93.9

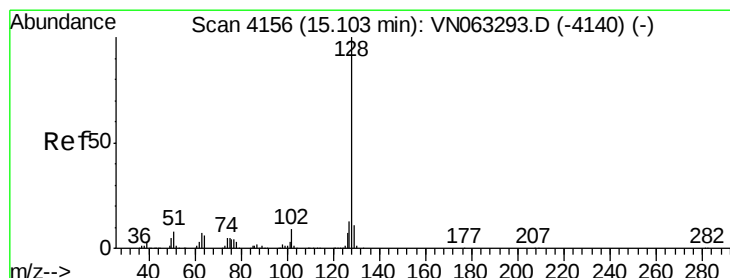
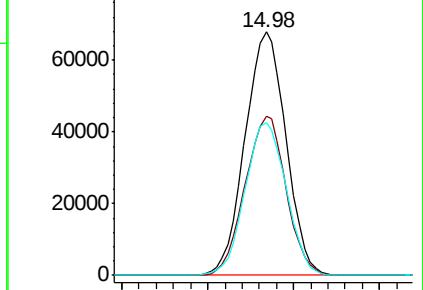
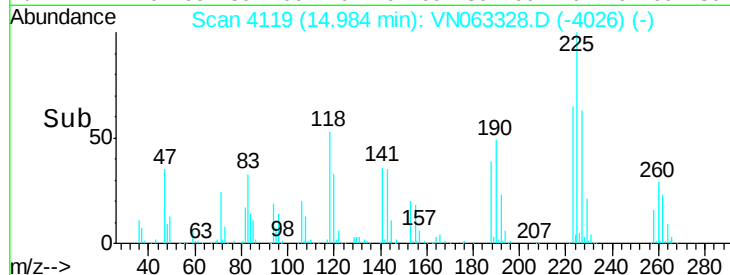
227 63.0 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 103.807 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

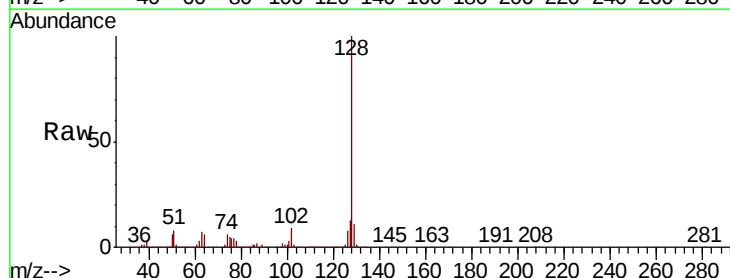
Tgt Ion:128 Resp: 1979681

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

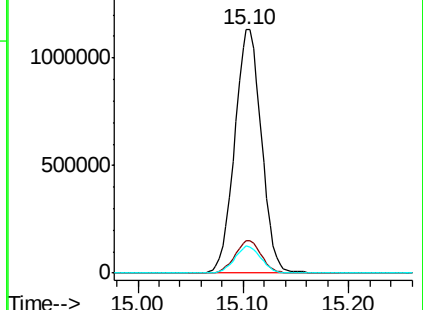
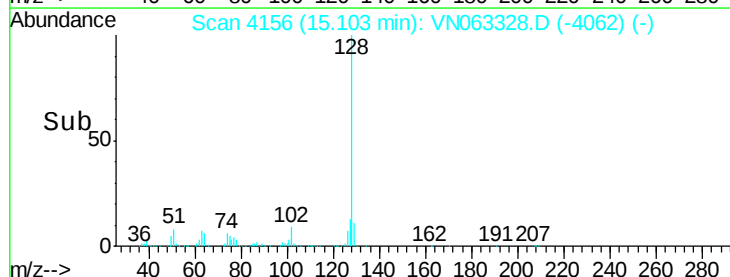
129 10.9 8.6 12.8

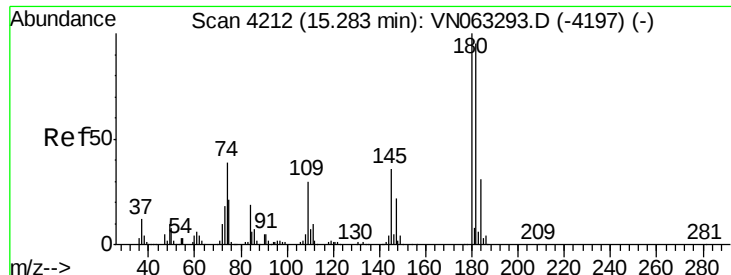


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.717 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.3
145	40.5	17.2	51.6

