

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064297.D
 Acq On : 23 Oct 2020 20:04
 Operator : JC/MD
 Sample : VN1023WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Quant Time: Oct 26 02:31:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	257053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	207030	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	7.55	113	144293	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.06	98	509789	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.38	95	206514	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59001	19.278	ug/l	99
3) Chloromethane	2.04	50	60638	20.410	ug/l	98
4) Vinyl Chloride	2.16	62	59051	20.048	ug/l	98
5) Bromomethane	2.54	94	40455	21.071	ug/l	89
6) Chloroethane	2.68	64	34736	19.372	ug/l	95
7) Trichlorofluoromethane	2.99	101	102516	21.164	ug/l	99
8) Diethyl Ether	3.37	74	32227	20.113	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52023	20.769	ug/l	95
10) Methyl Iodide	3.92	142	65338	18.344	ug/l	96
11) Tert butyl alcohol	4.73	59	50925	99.657	ug/l #	92
12) 1,1-Dichloroethene	3.70	96	47819	19.849	ug/l	98
13) Acrolein	3.57	56	23316	72.687	ug/l	94
14) Allyl chloride	4.28	41	93745	19.442	ug/l	99
15) Acrylonitrile	4.93	53	107220	101.471	ug/l #	90
16) Acetone	3.78	43	115081	105.360	ug/l	95
17) Carbon Disulfide	4.02	76	133818	19.473	ug/l	100
18) Methyl Acetate	4.28	43	59355	21.325	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	166792	20.138	ug/l	96
20) Methylene Chloride	4.51	84	55349	19.004	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	53623	20.185	ug/l	97
22) Diisopropyl ether	5.90	45	172949	19.295	ug/l	97
23) Vinyl Acetate	5.84	43	796708	99.666	ug/l	100
24) 1,1-Dichloroethane	5.80	63	105189	20.257	ug/l	99
25) 2-Butanone	6.78	43	178066	102.611	ug/l	96
26) 2,2-Dichloropropane	6.78	77	97298	18.821	ug/l #	77
27) cis-1,2-Dichloroethene	6.78	96	63277	20.453	ug/l	95
28) Bromochloromethane	7.15	49	45790	18.562	ug/l	98
29) Tetrahydrofuran	7.16	42	102567	98.808	ug/l	96
30) Chloroform	7.33	83	112777	20.361	ug/l	95
31) Cyclohexane	7.61	56	85928	18.988	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	107075	20.636	ug/l	99
36) 1,1-Dichloropropene	7.76	75	81370	19.281	ug/l	98
37) Ethyl Acetate	6.88	43	71622	18.692	ug/l	98
38) Carbon Tetrachloride	7.73	117	96645	20.127	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	71858	18.725	ug/l	99
40) Benzene	8.00	78	225746	19.378	ug/l	98
41) Methacrylonitrile	7.12	41	38977	19.392	ug/l	90
42) 1,2-Dichloroethane	8.08	62	98233	19.684	ug/l	100
43) Isopropyl Acetate	8.13	43	139584	19.546	ug/l #	90
44) Trichloroethene	8.80	130	64225	20.231	ug/l	92
45) 1,2-Dichloropropane	9.08	63	60570	19.475	ug/l	92
46) Dibromomethane	9.17	93	42523	20.362	ug/l	96
47) Bromodichloromethane	9.37	83	90452	19.605	ug/l	99
48) Methyl methacrylate	9.17	41	68802	18.444	ug/l	96
49) 1,4-Dioxane	9.17	88	17388	398.373	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	382446	100.206	ug/l	99
52) Toluene	10.13	92	144731	19.416	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	101823	19.867	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	102601	19.013	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57916	20.572	ug/l	98
56) Ethyl methacrylate	10.40	69	85505	19.642	ug/l	98
57) 1,3-Dichloropropane	10.68	76	98922	20.229	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	203915	90.968	ug/l	98
59) 2-Hexanone	10.72	43	275741	98.928	ug/l	100
60) Dibromochloromethane	10.87	129	68091	18.683	ug/l	98
61) 1,2-Dibromoethane	10.98	107	59409	19.997	ug/l	100
64) Tetrachloroethene	10.60	164	62986	20.536	ug/l	99
65) Chlorobenzene	11.41	112	154255	19.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	62119	19.844	ug/l	99
67) Ethyl Benzene	11.49	91	282285	19.478	ug/l	98
68) m/p-Xylenes	11.59	106	213089	39.684	ug/l	97
69) o-Xylene	11.92	106	102008	19.642	ug/l	96
70) Styrene	11.94	104	165750	19.041	ug/l	97
71) Bromoform	12.10	173	44997	18.608	ug/l #	100
73) Isopropylbenzene	12.22	105	270063	19.503	ug/l	99
74) N-amyl acetate	12.05	43	113845	19.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	73356	19.963	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	110788	28.946	ug/l #	100
77) Bromobenzene	12.50	156	65206	19.947	ug/l	99
78) n-propylbenzene	12.57	91	304261	19.488	ug/l	100
79) 2-Chlorotoluene	12.65	91	191218	19.940	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232260	19.840	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	27737	18.296	ug/l	97
82) 4-Chlorotoluene	12.75	91	202520	20.246	ug/l	99
83) tert-Butylbenzene	12.97	119	187158	19.500	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	229459	19.694	ug/l	98
85) sec-Butylbenzene	13.14	105	236027	19.507	ug/l	99
86) p-Isopropyltoluene	13.26	119	216469	19.646	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	113622	19.534	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	111885	18.793	ug/l	97
89) n-Butylbenzene	13.59	91	188487	19.083	ug/l	98
90) Hexachloroethane	13.85	117	35534	17.807	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	110609	19.384	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17186	18.747	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

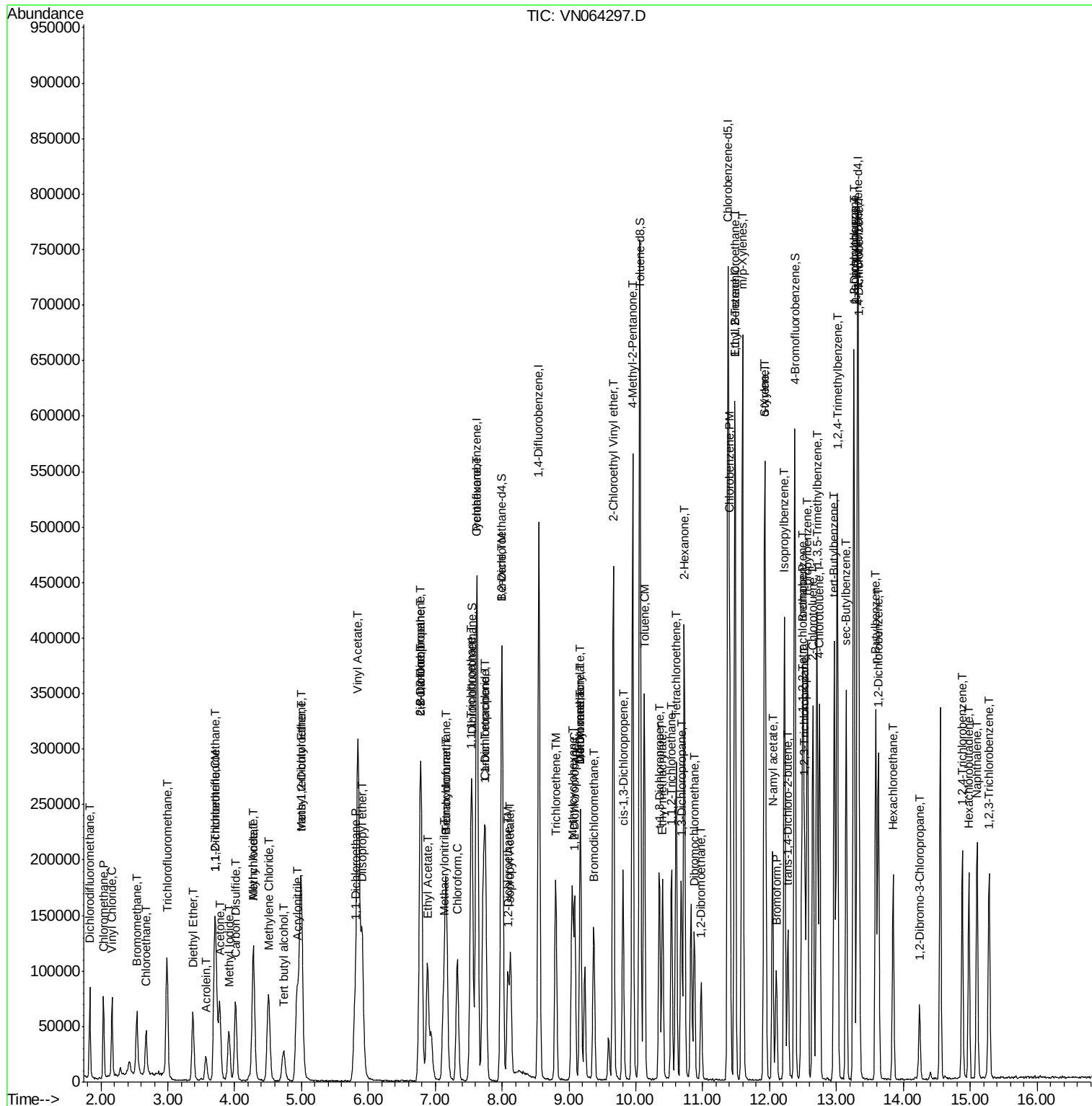
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61027	19.068	ug/l	98
94) Hexachlorobutadiene	14.98	225	34455	19.960	ug/l	98
95) Naphthalene	15.10	128	177591	18.529	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	56722	17.894	ug/l	96

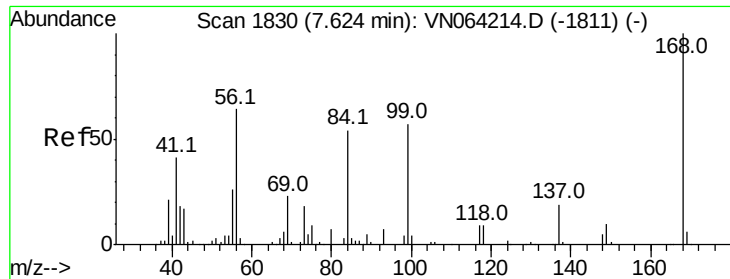
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102320\
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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

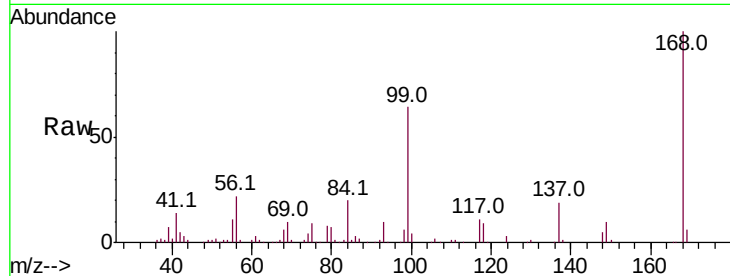
VN1023WBS02

Tot Ion:168 Resp: 257053

Ion Ratio Lower Upper

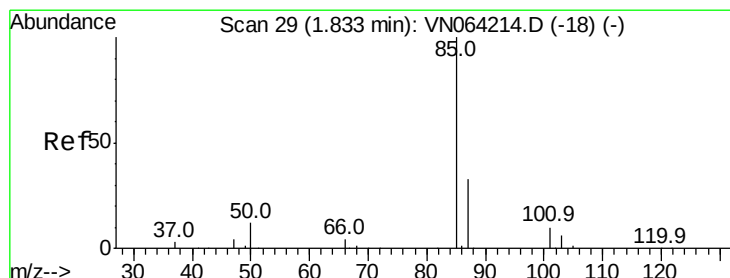
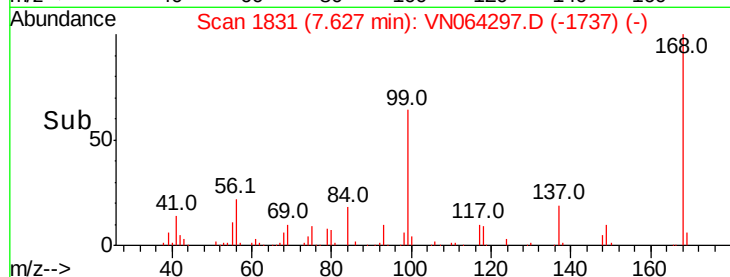
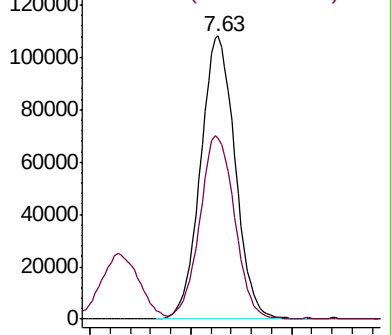
168 100

99 63.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.278 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064297.D

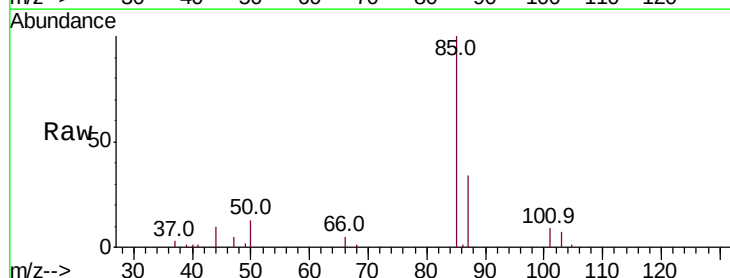
Acq: 23 Oct 2020 20:04

Tgt Ion: 85 Resp: 59001

Ion Ratio Lower Upper

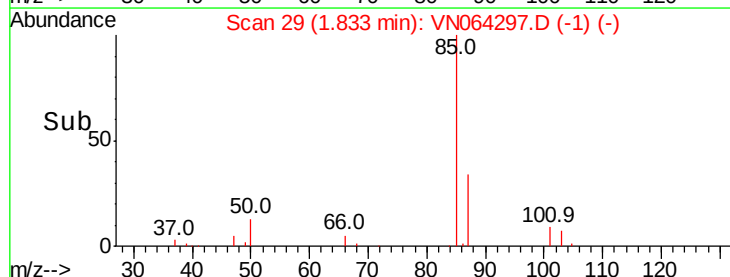
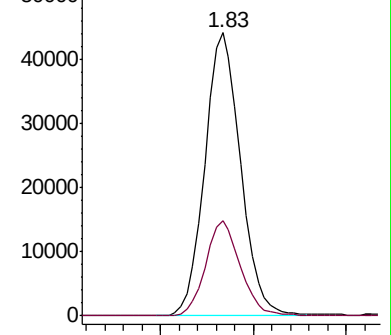
85 100

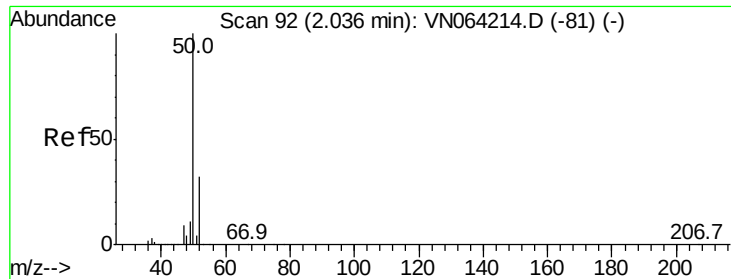
87 33.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 20.410 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

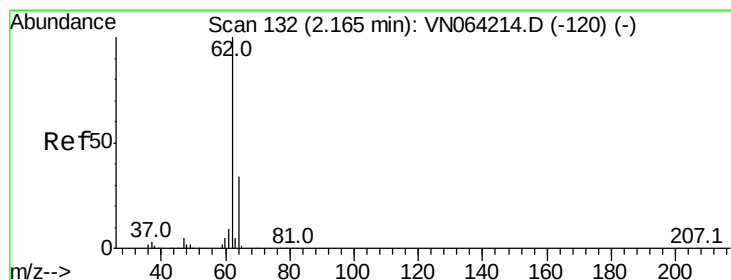
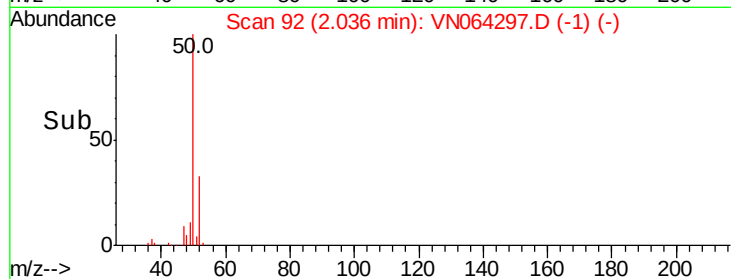
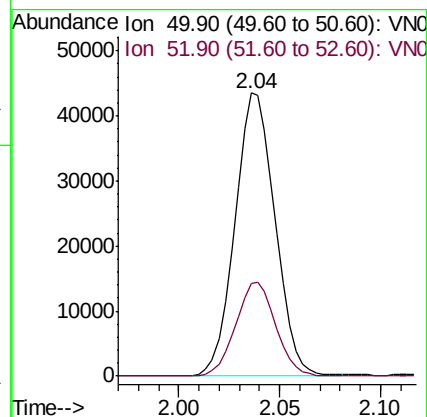
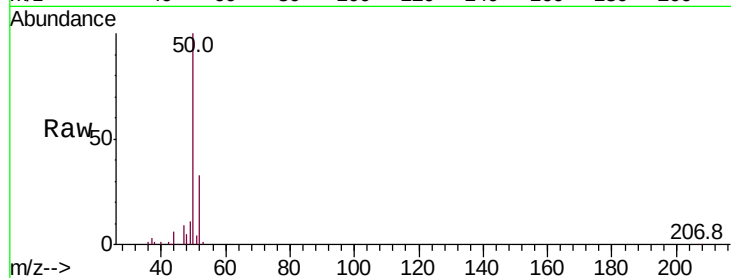
VN1023WBS02

Tot Ion: 50 Resp: 60638

Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



#4

Vinyl Chloride

Concen: 20.048 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064297.D

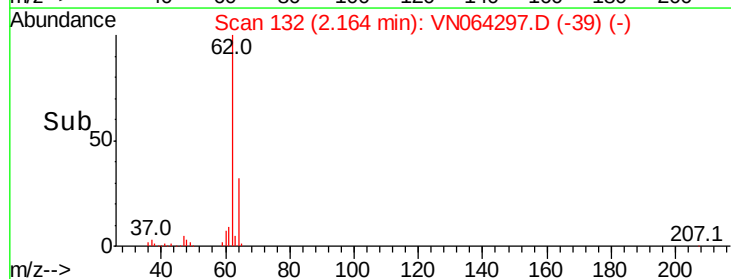
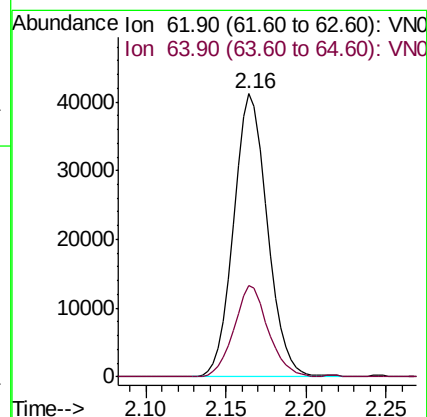
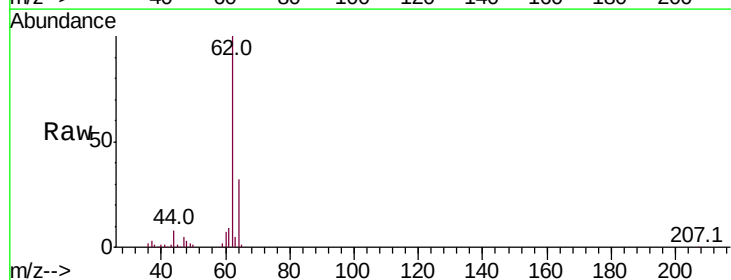
Acq: 23 Oct 2020 20:04

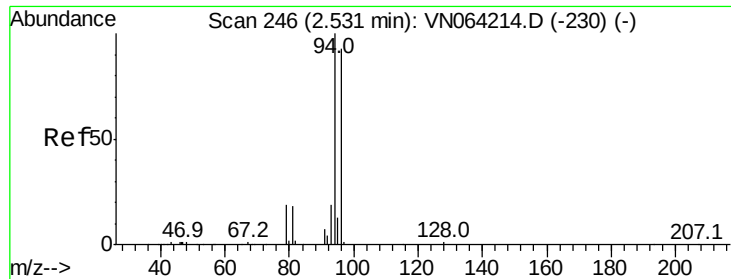
Tgt Ion: 62 Resp: 59051

Ion Ratio Lower Upper

62 100

64 32.4 26.8 40.2





#5

Bromomethane

Concen: 21.071 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

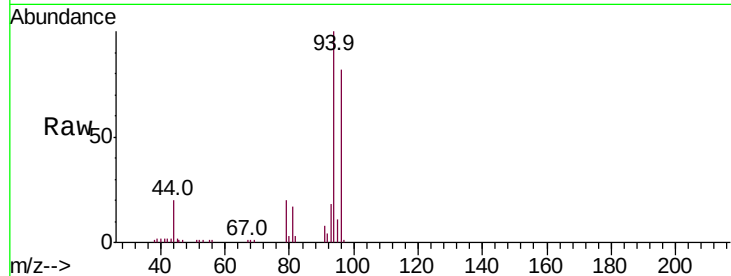
VN1023WBS02

Tot Ion: 94 Resp: 40455

Ion Ratio Lower Upper

94 100

96 82.2 74.2 111.4



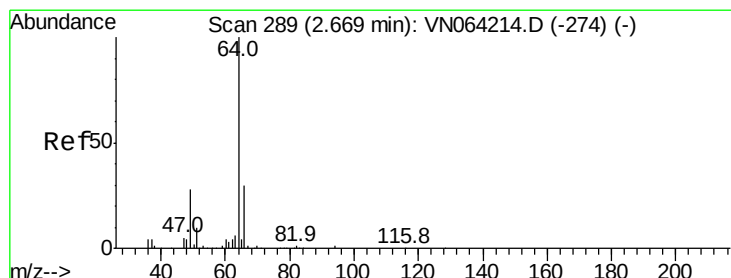
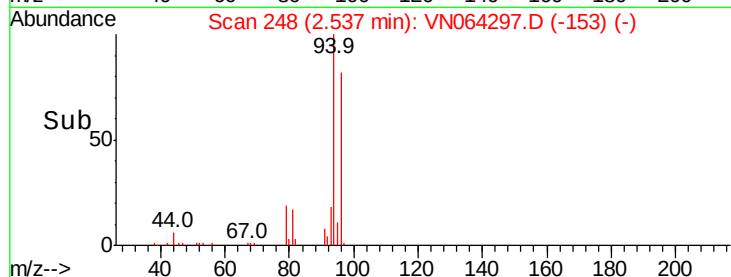
Abundance Ion 93.90 (93.60 to 94.60): VN064297.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN064297.D (-153) (-)

2.54

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 19.372 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064297.D

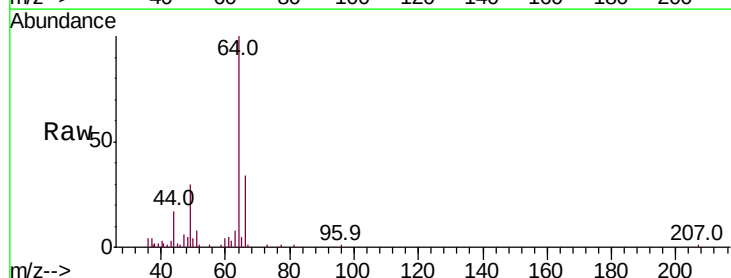
Acq: 23 Oct 2020 20:04

Tgt Ion: 64 Resp: 34736

Ion Ratio Lower Upper

64 100

66 33.6 24.5 36.7



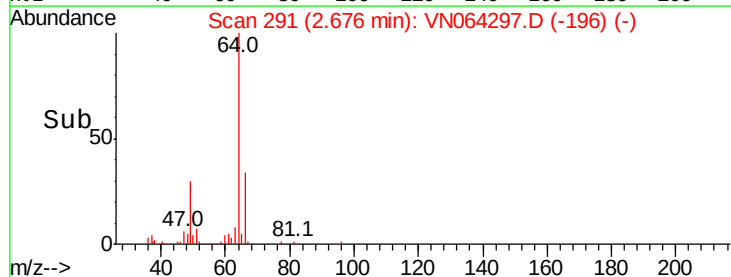
Abundance Ion 63.90 (63.60 to 64.60): VN064297.D (-196) (-)

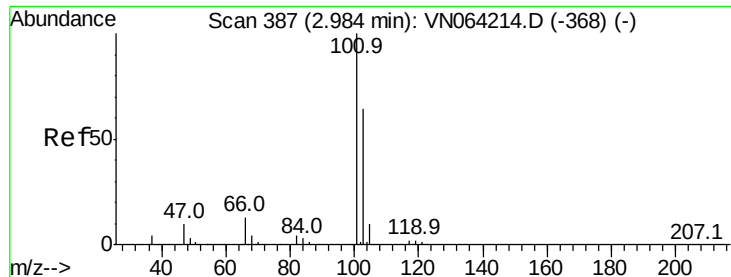
Ion 65.90 (65.60 to 66.60): VN064297.D (-196) (-)

2.68

2.60 2.65 2.70 2.75

Time-->



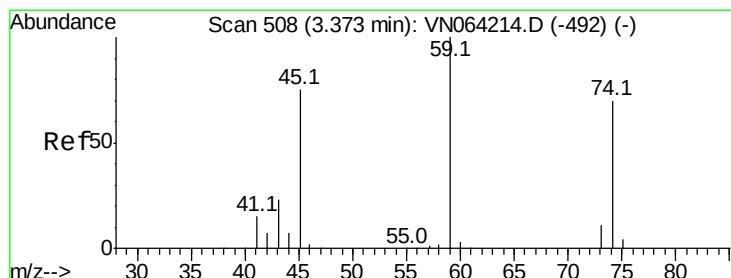
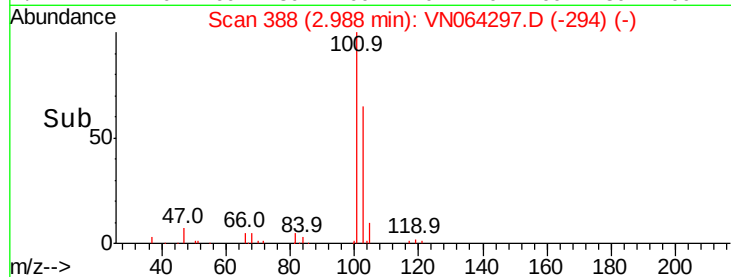
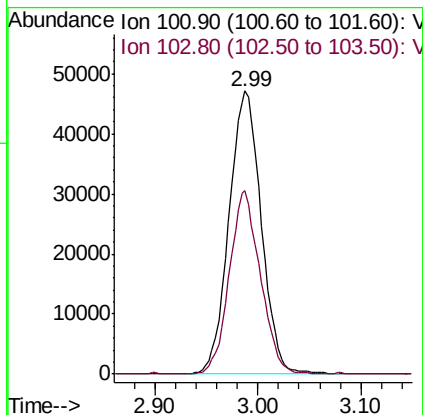
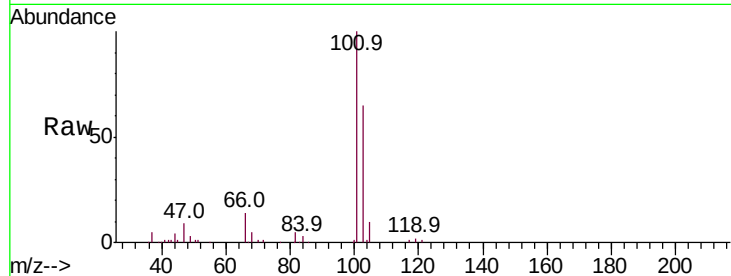


#7

Trichlorofluoromethane
Concen: 21.164 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
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VN1023WBS02

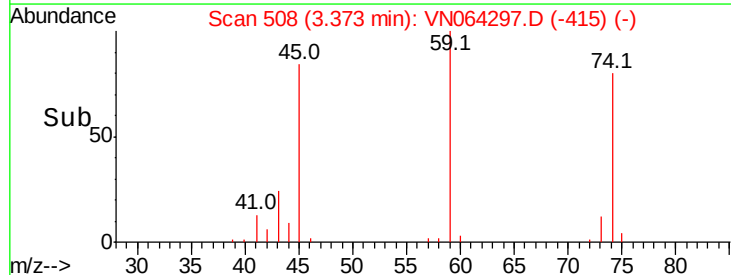
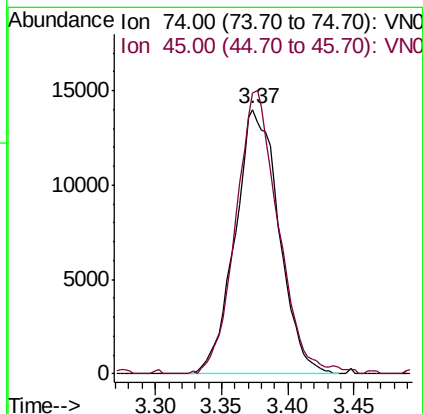
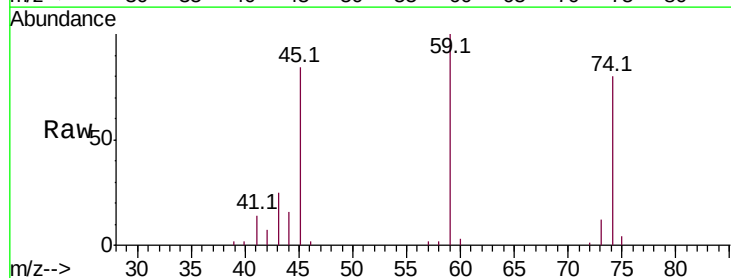
Tot Ion:101 Resp: 102516
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

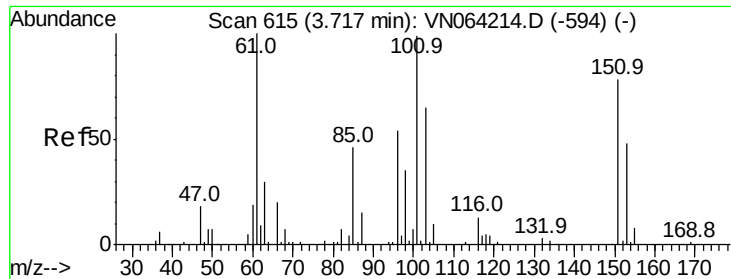


#8

Diethyl Ether
Concen: 20.113 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 74 Resp: 32227
Ion Ratio Lower Upper
74 100
45 104.1 51.3 154.0

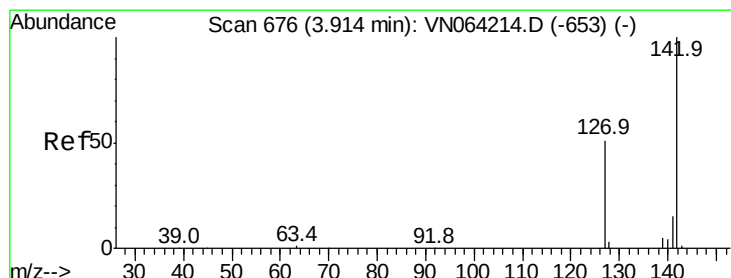
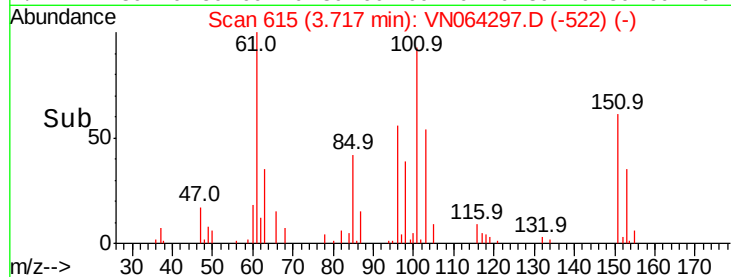
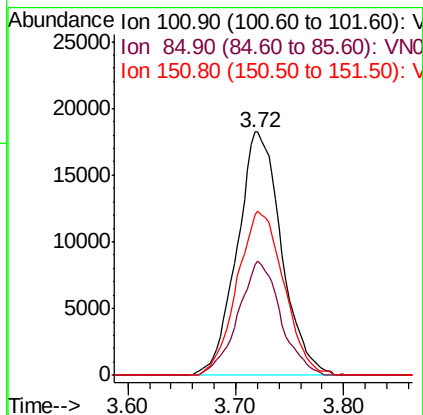
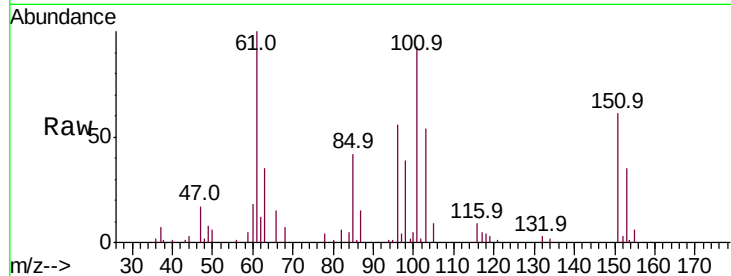




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.769 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

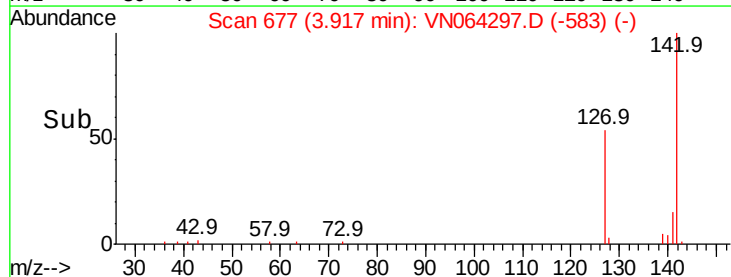
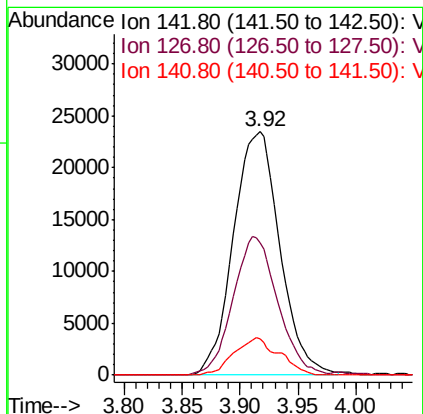
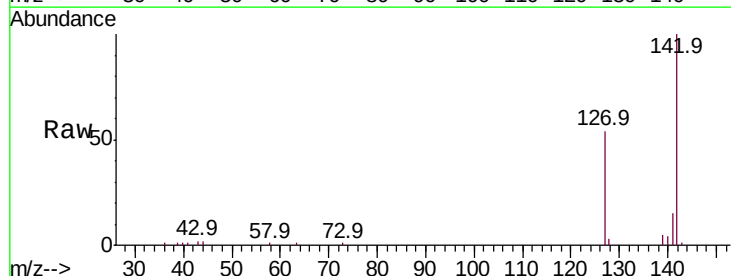
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

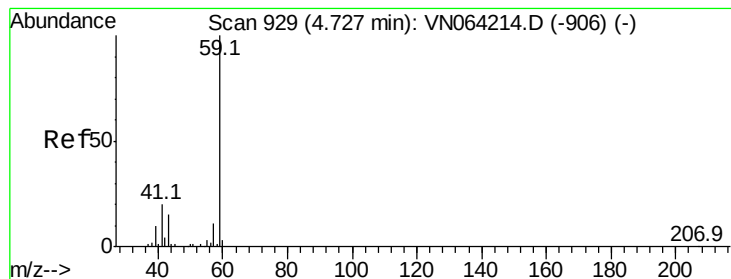
Tot Ion:	101	Resp:	52023
Ion	Ratio	Lower	Upper
101	100		
85	45.0	37.8	56.8
151	71.2	61.4	92.2



#10
 Methyl Iodide
 Concen: 18.344 ug/l
 RT: 3.92 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion:	142	Resp:	65338
Ion	Ratio	Lower	Upper
142	100		
127	54.6	41.0	61.6
141	14.7	11.3	16.9





#11

Tert butyl alcohol

Concen: 99.657 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.01 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

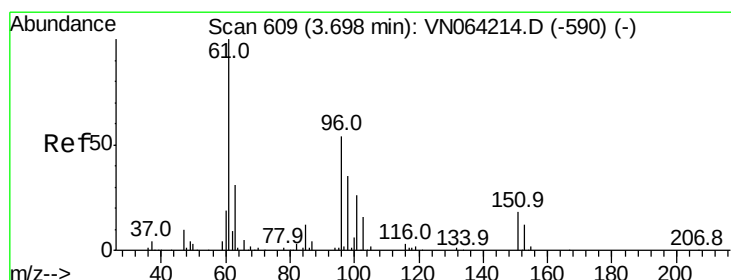
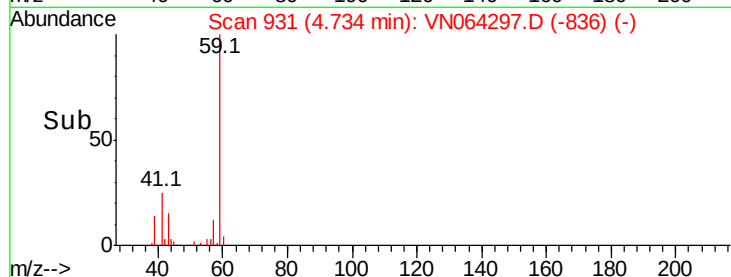
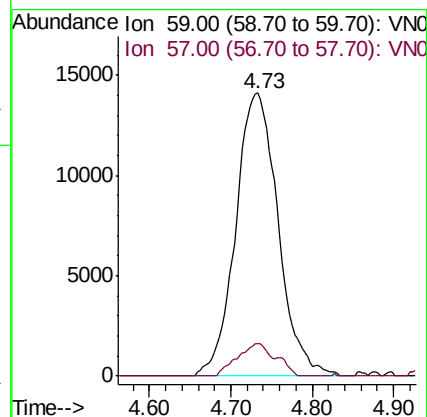
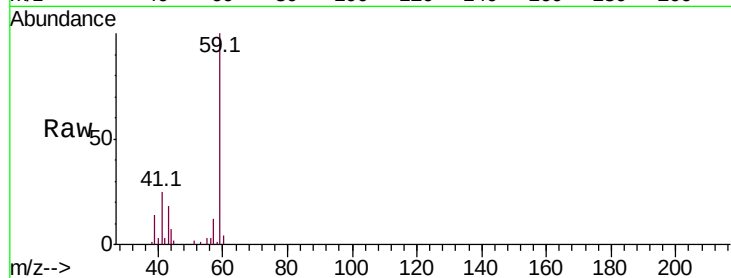
VN1023WBS02

Tot Ion: 59 Resp: 50925

Ion Ratio Lower Upper

59 100

57 8.6 9.2 13.8#



#12

1,1-Dichloroethene

Concen: 19.849 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

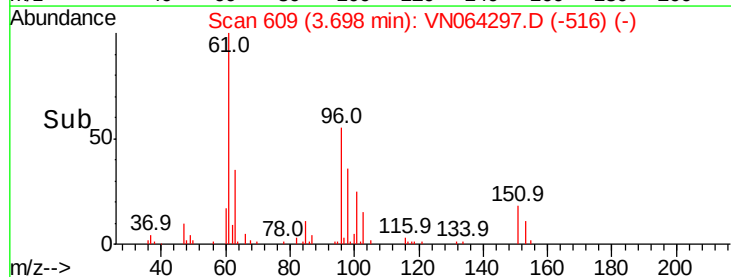
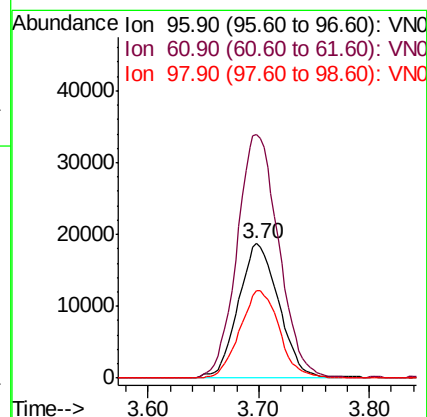
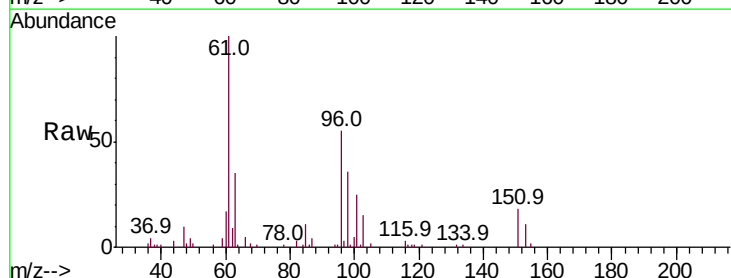
Tgt Ion: 96 Resp: 47819

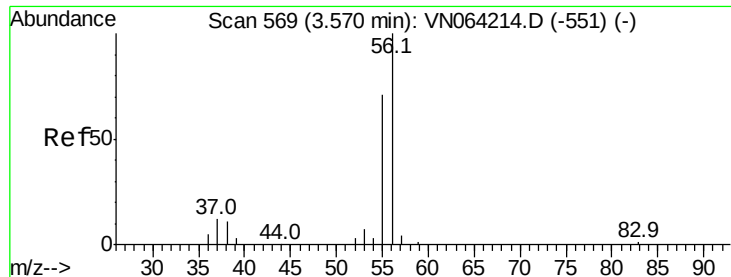
Ion Ratio Lower Upper

96 100

61 181.0 147.0 220.4

98 65.0 51.7 77.5





#13

Acrolein

Concen: 72.687 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

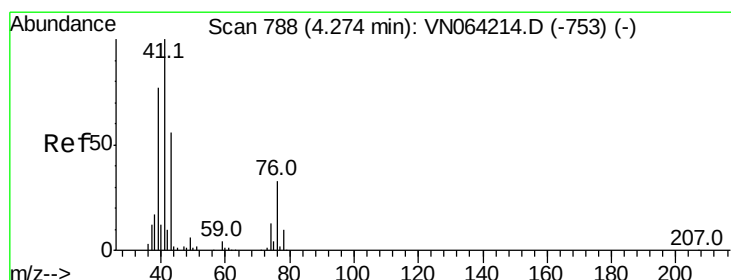
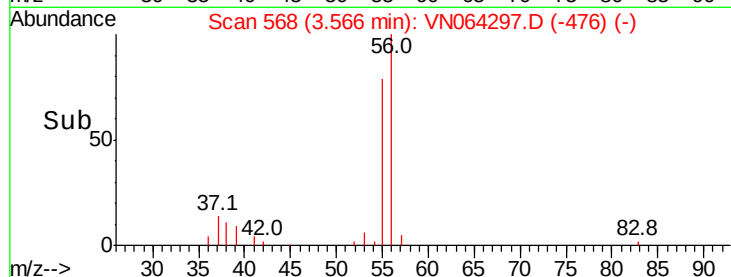
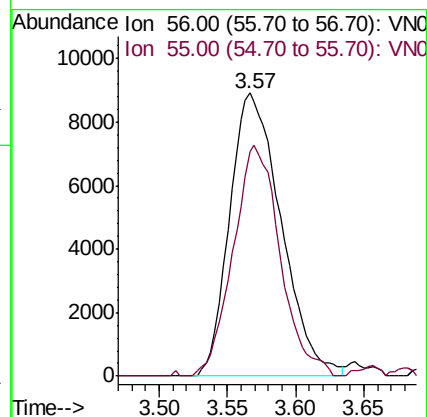
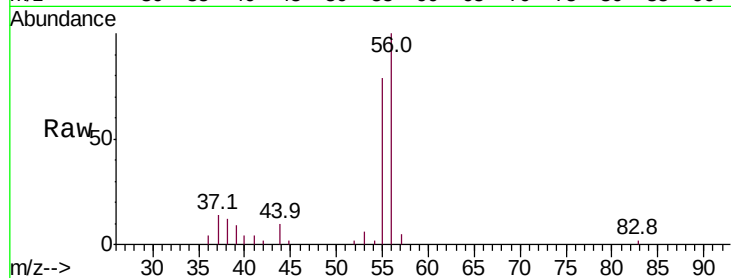
VN1023WBS02

Tot Ion: 56 Resp: 23316

Ion Ratio Lower Upper

56 100

55 74.7 56.1 84.1



#14

Allyl chloride

Concen: 19.442 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

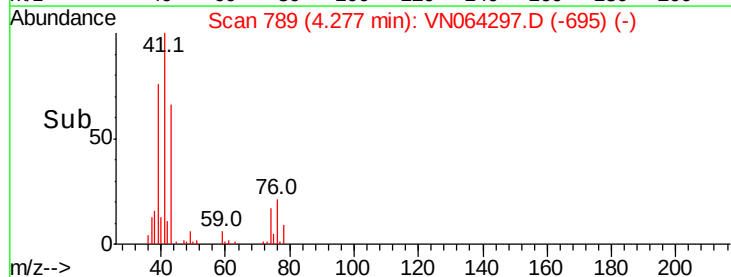
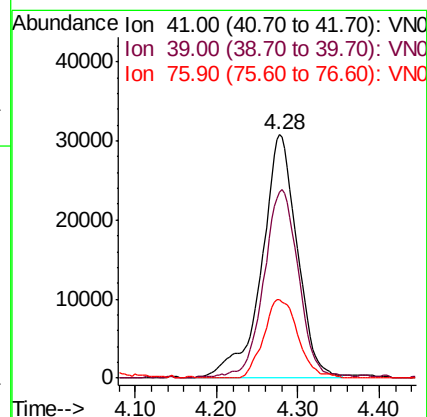
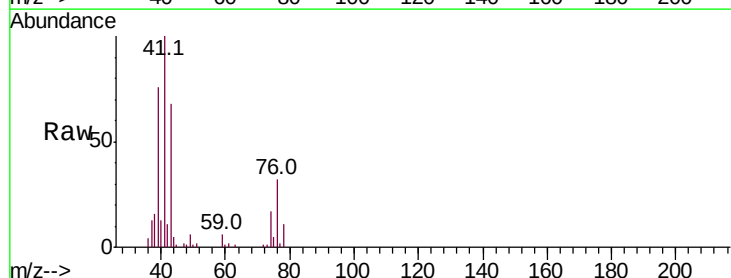
Tgt Ion: 41 Resp: 93745

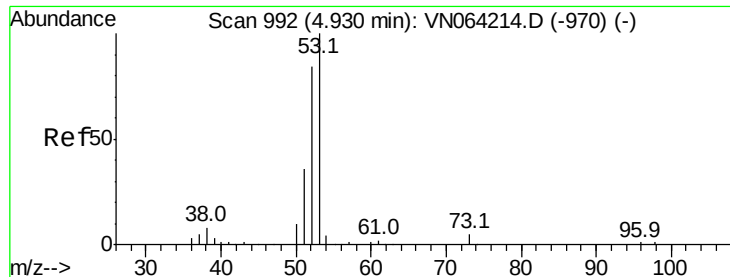
Ion Ratio Lower Upper

41 100

39 74.0 58.6 88.0

76 31.1 24.5 36.7





#15

Acrylonitrile

Concen: 101.471 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

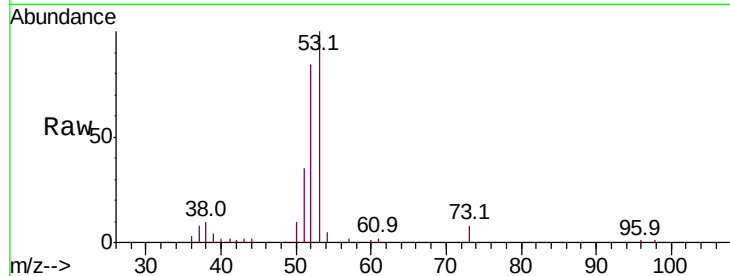
Tot Ion: 53 Resp: 107220

Ion Ratio Lower Upper

53 100

52 83.0 66.8 100.2

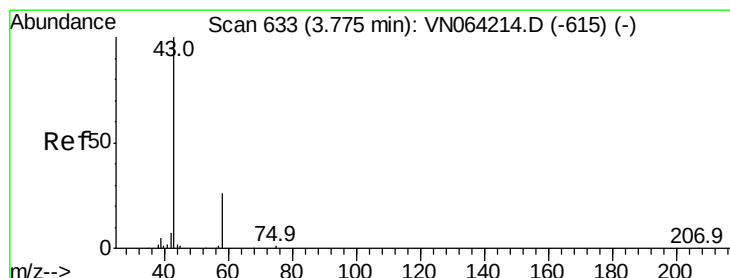
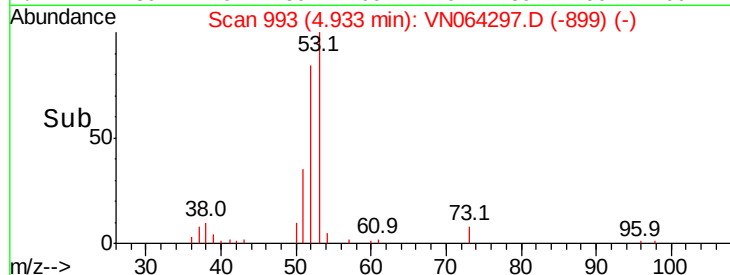
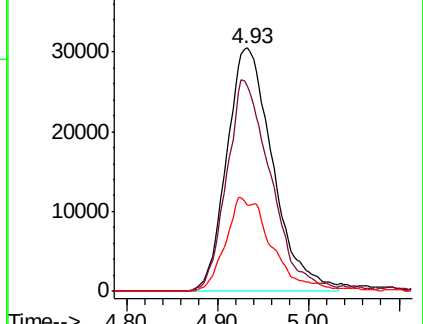
51 20.3 30.7 46.1#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 105.360 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064297.D

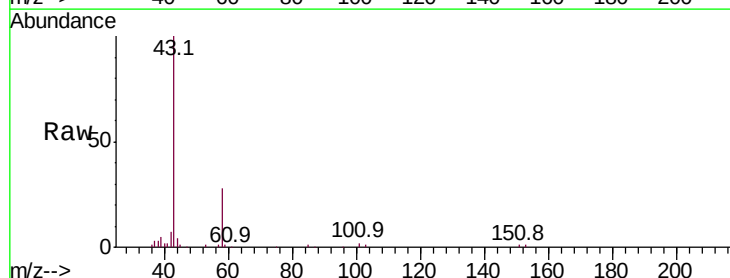
Acq: 23 Oct 2020 20:04

Tgt Ion: 43 Resp: 115081

Ion Ratio Lower Upper

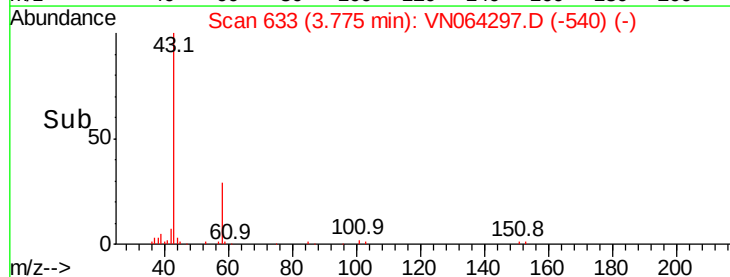
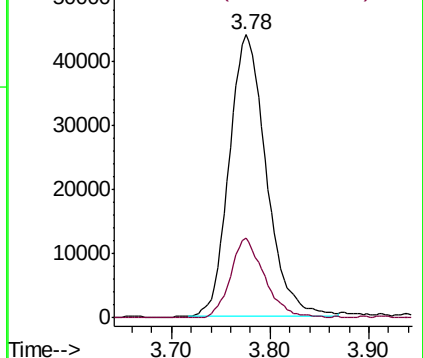
43 100

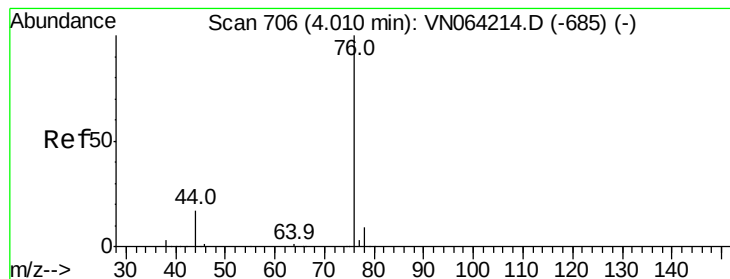
58 28.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.473 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

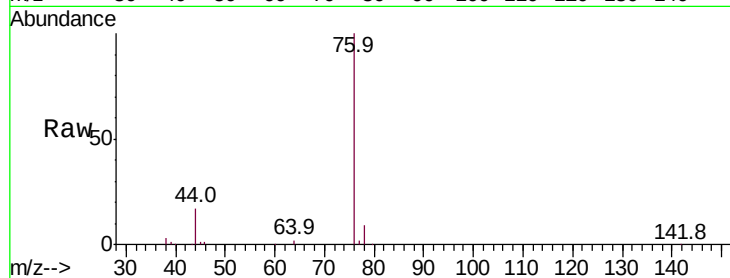
VN1023WBS02

Tot Ion: 76 Resp: 133818

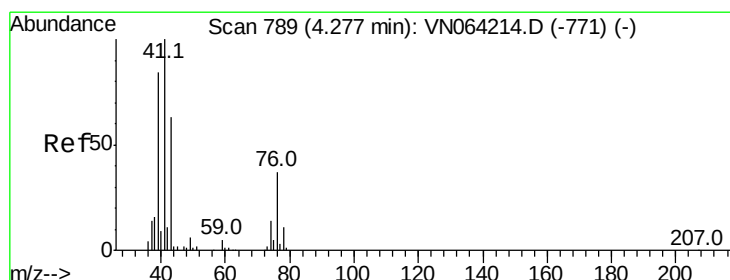
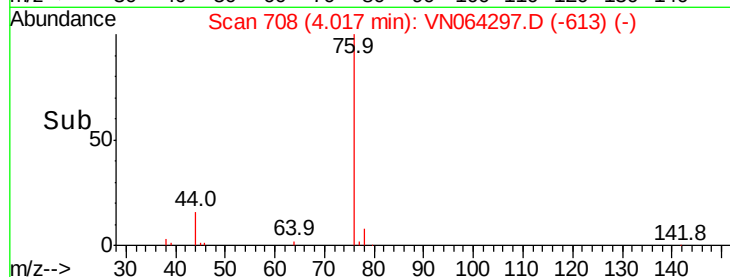
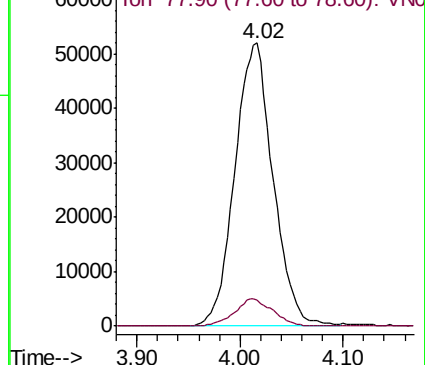
Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN064297.D (-613) (-)



#18

Methyl Acetate

Concen: 21.325 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064297.D

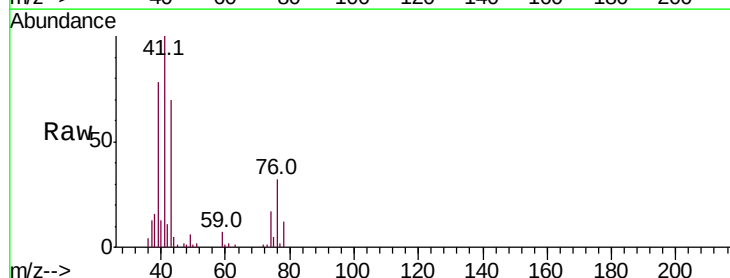
Acq: 23 Oct 2020 20:04

Tgt Ion: 43 Resp: 59355

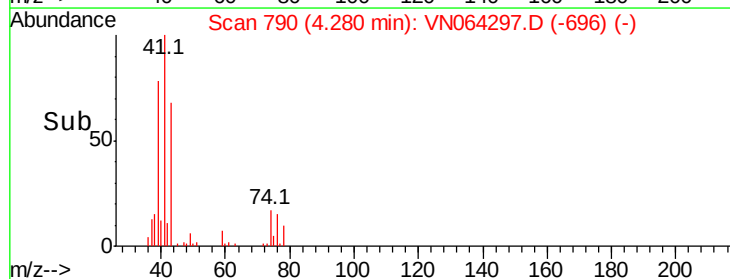
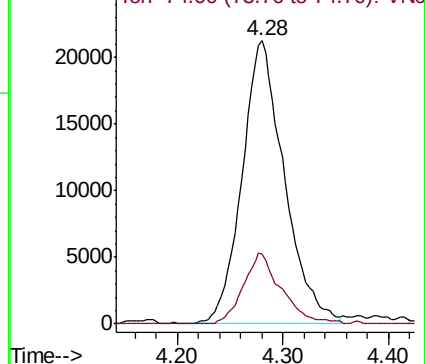
Ion Ratio Lower Upper

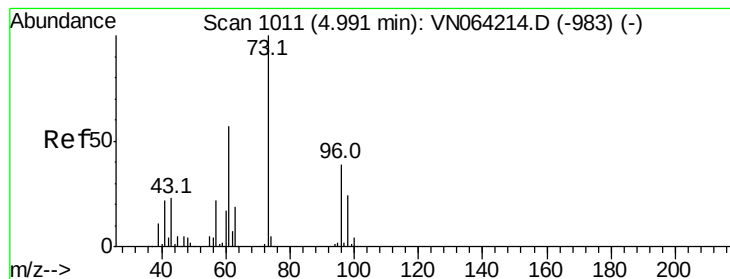
43 100

74 22.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN064297.D (-696) (-)



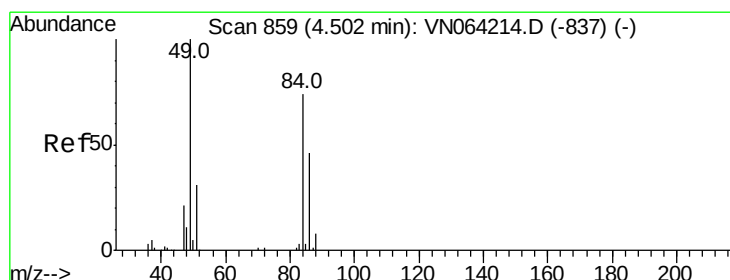
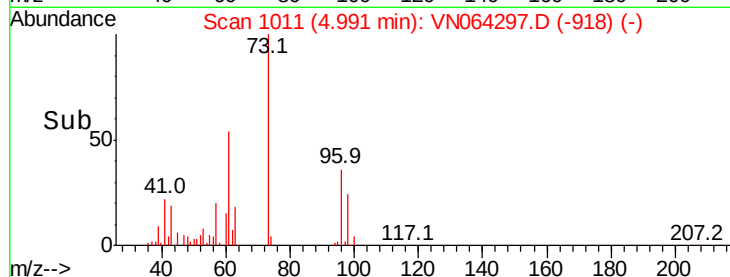
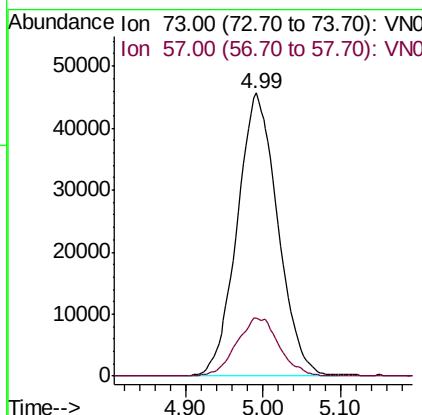
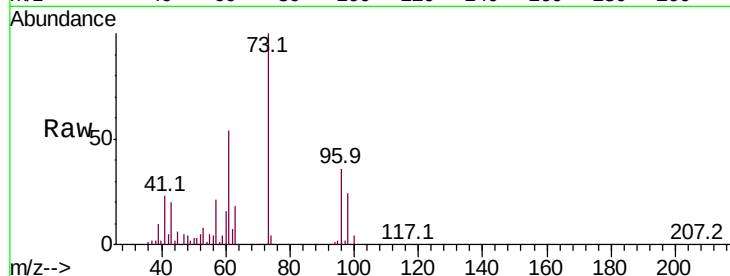


#19

Methvl tert-butvl Ether
 Concen: 20.138 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

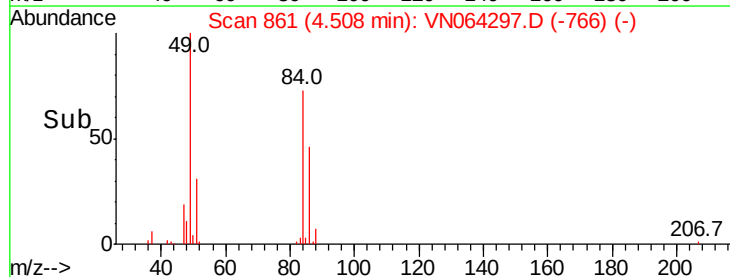
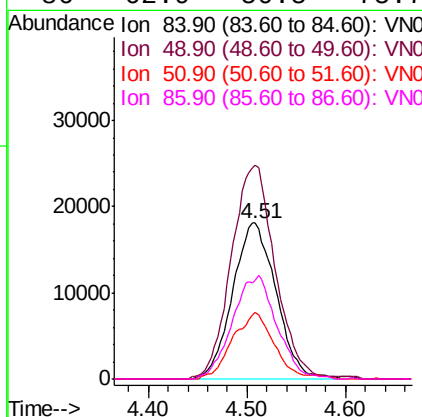
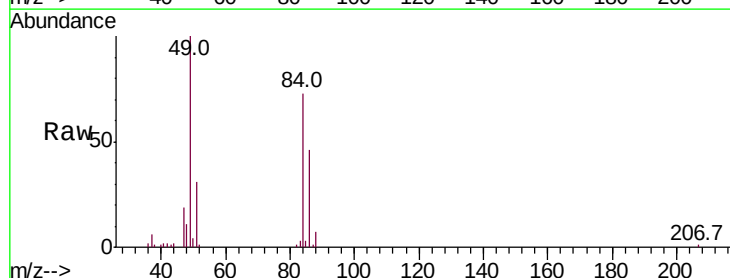
Tot Ion: 73 Resp: 166792
 Ion Ratio Lower Upper
 73 100
 57 20.6 18.0 27.0

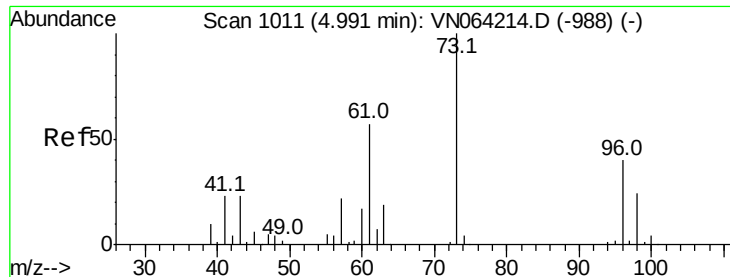


#20

Methylene Chloride
 Concen: 19.004 ug/l
 RT: 4.51 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion: 84 Resp: 55349
 Ion Ratio Lower Upper
 84 100
 49 136.8 108.5 162.7
 51 42.4 33.8 50.8
 86 62.9 50.5 75.7

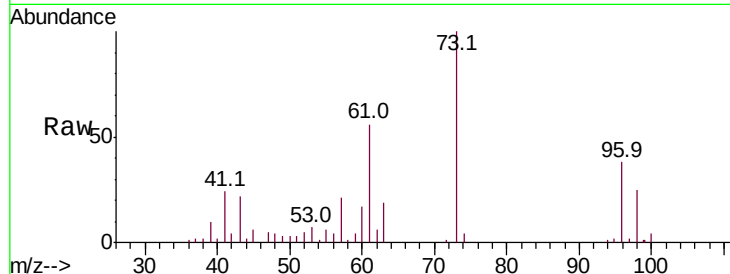




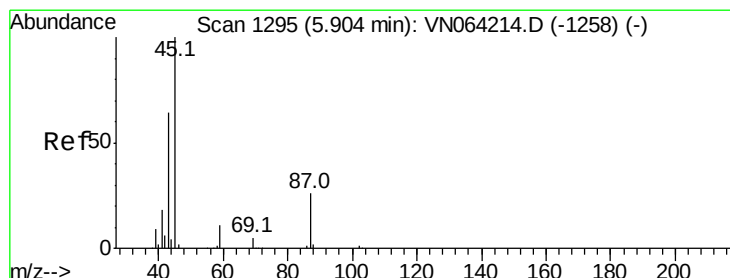
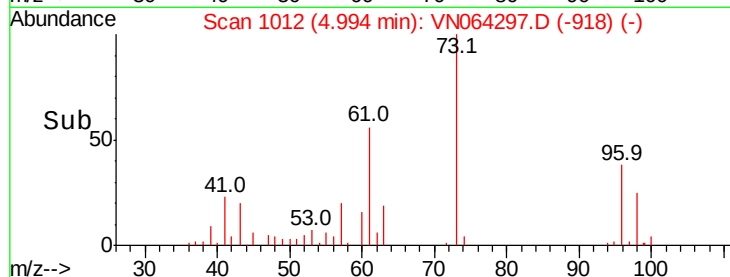
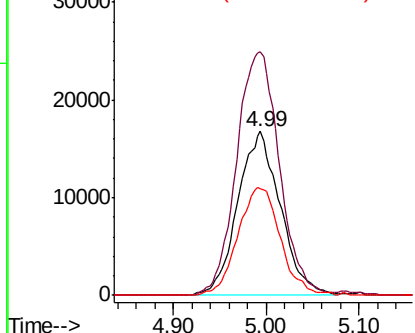
#21
trans-1,2-Dichloroethene
Concen: 20.185 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion: 96 Resp: 53623
Ion Ratio Lower Upper
96 100
61 148.5 115.8 173.6
98 65.2 49.4 74.0

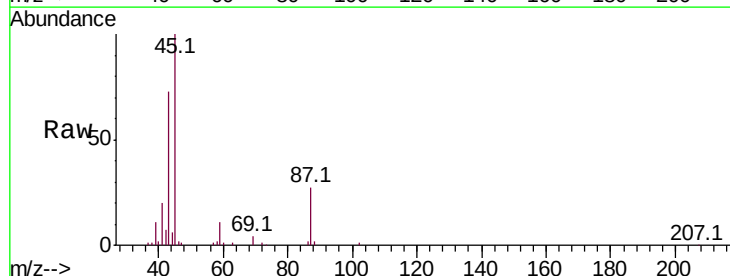


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

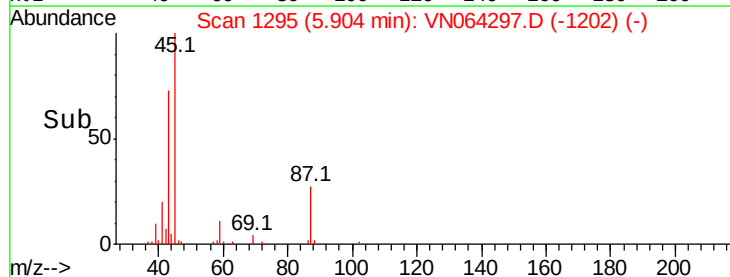
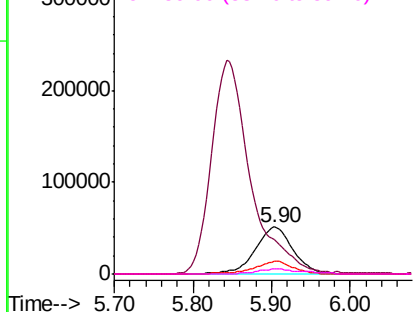


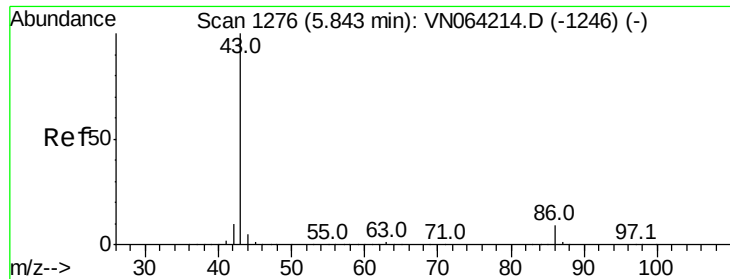
#22
Diisopropyl ether
Concen: 19.295 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 45 Resp: 172949
Ion Ratio Lower Upper
45 100
43 68.6 52.2 78.4
87 26.7 21.4 32.0
59 10.0 8.3 12.5



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 99.666 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampled :

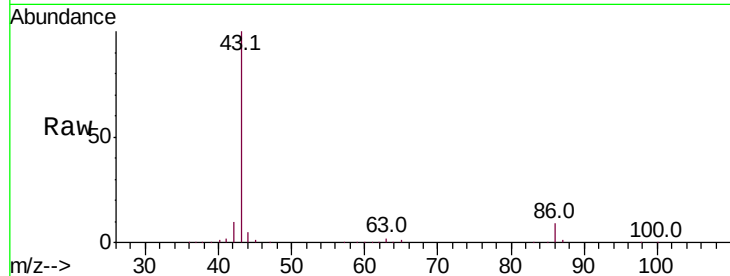
VN1023WBS02

Tot Ion: 43 Resp: 796708

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN064214.D (-1246) (-)

5.84

250000

200000

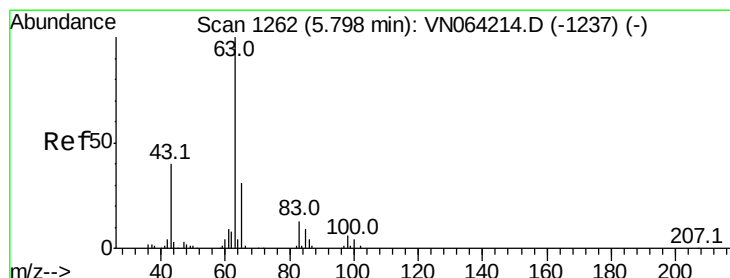
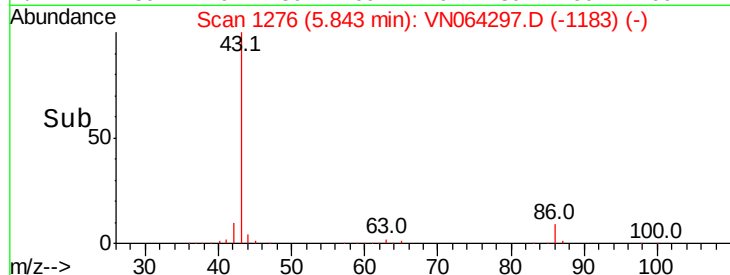
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.257 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

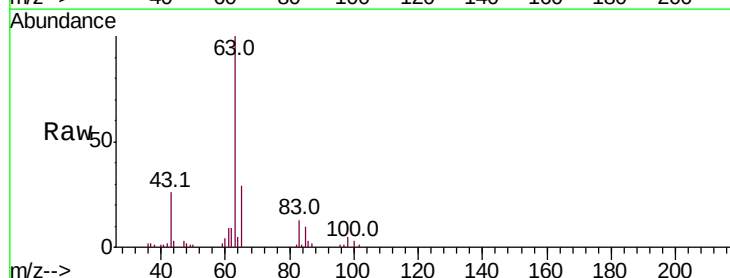
Tgt Ion: 63 Resp: 105189

Ion Ratio Lower Upper

63 100

98 5.4 2.9 8.7

100 3.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN064214.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN064214.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN064214.D (-1237) (-)

5.80

40000

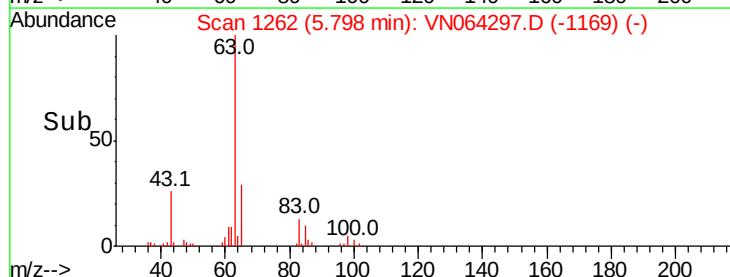
30000

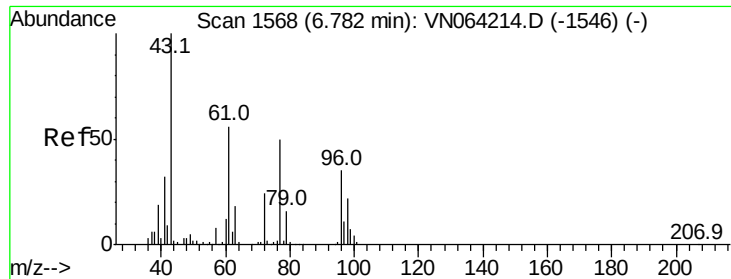
20000

10000

0

Time-->





#25

2-Butanone

Concen: 102.611 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampled :

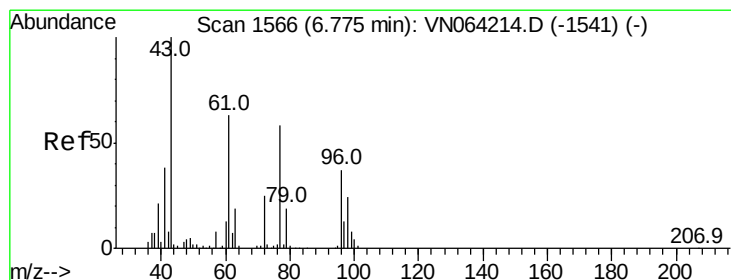
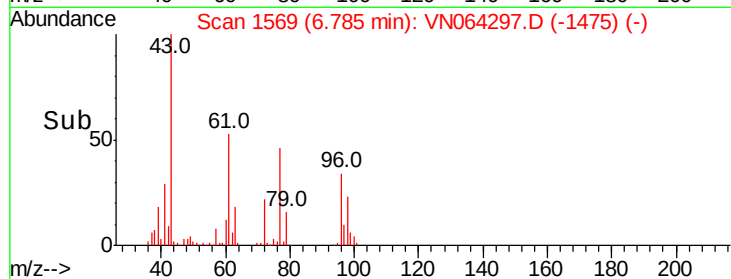
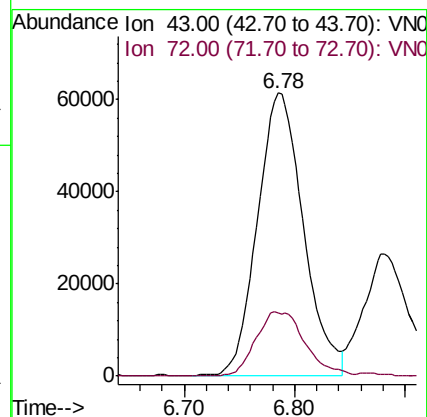
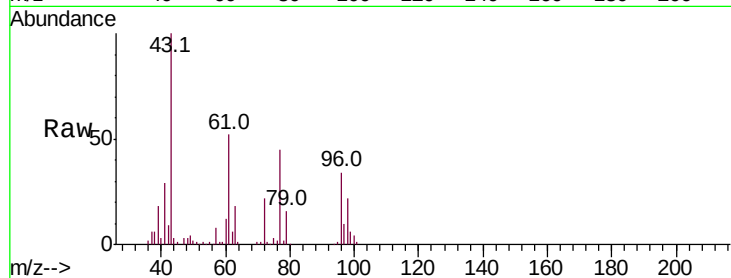
VN1023WBS02

Tot Ion: 43 Resp: 178066

Ion Ratio Lower Upper

43 100

72 22.3 19.4 29.0



#26

2,2-Dichloropropane

Concen: 18.821 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064297.D

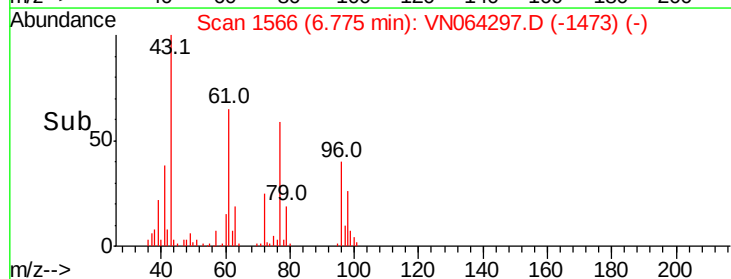
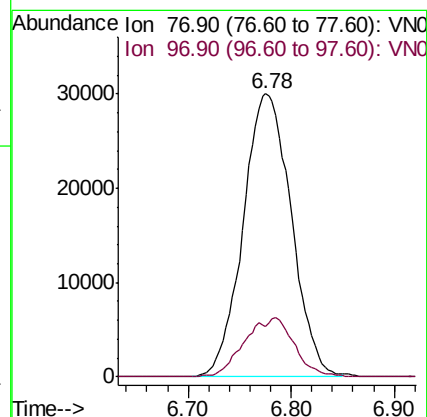
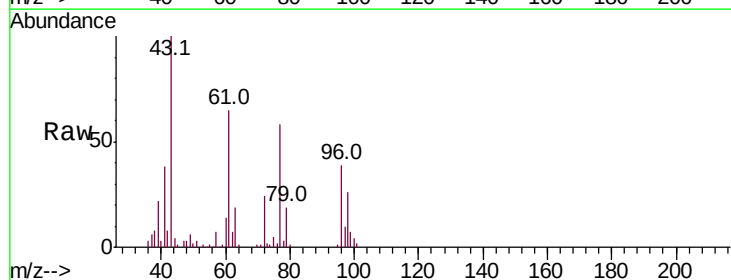
Acq: 23 Oct 2020 20:04

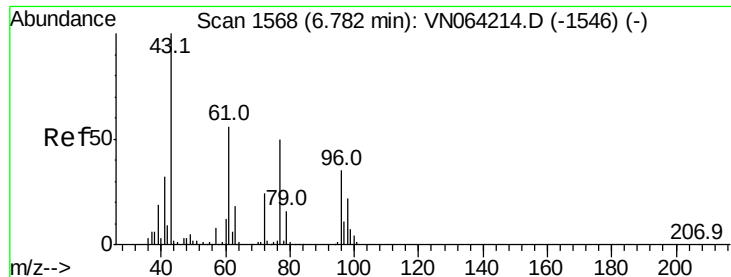
Tgt Ion: 77 Resp: 97298

Ion Ratio Lower Upper

77 100

97 10.2 10.4 31.4#





#27

cis-1,2-Dichloroethene

Concen: 20.453 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

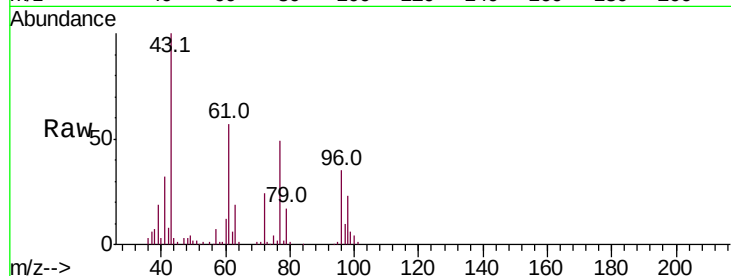
Tot Ion: 96 Resp: 63277

Ion Ratio Lower Upper

96 100

61 156.8 0.0 330.0

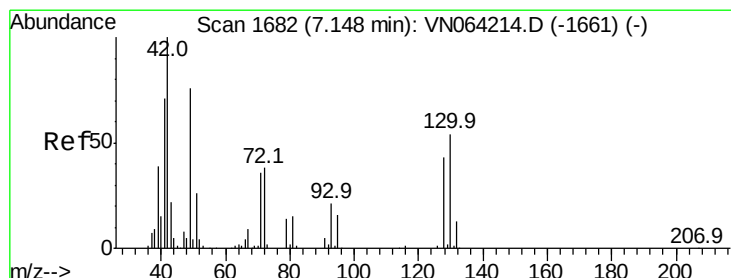
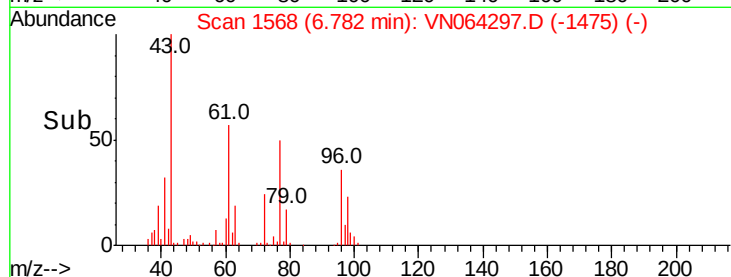
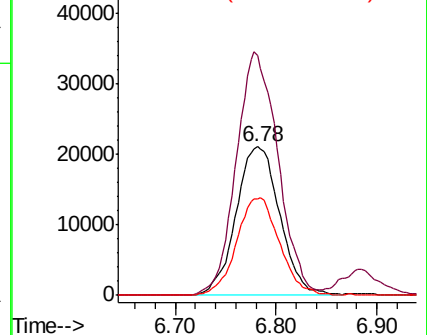
98 64.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064297.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064297.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064297.D (-1546) (-)



#28

Bromochloromethane

Concen: 18.562 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

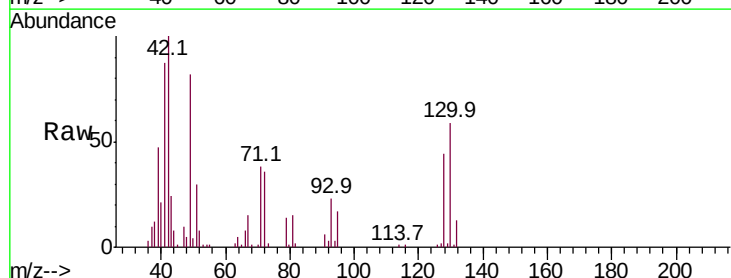
Tgt Ion: 49 Resp: 45790

Ion Ratio Lower Upper

49 100

129 0.9 0.0 2.8

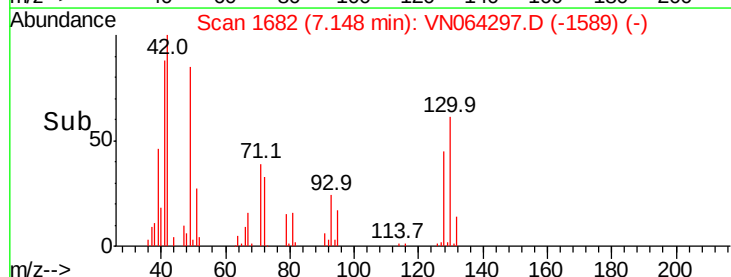
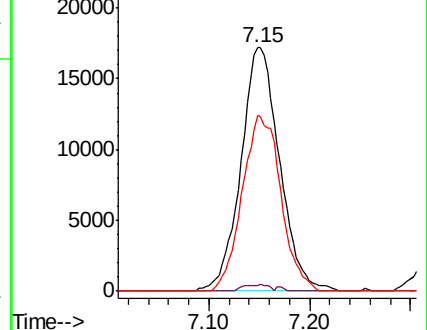
130 71.8 58.8 88.2

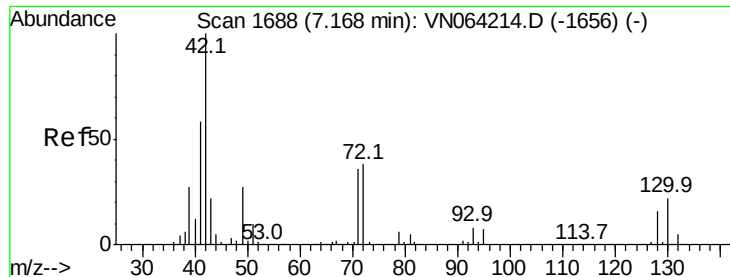


Abundance Ion 48.90 (48.60 to 49.60): VN064297.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064297.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064297.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 98.808 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

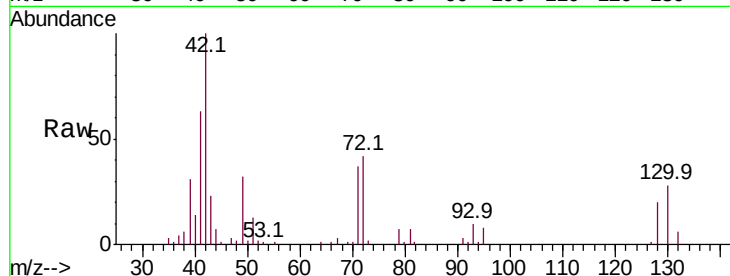
Tot Ion: 42 Resp: 102567

Ion Ratio Lower Upper

42 100

72 40.6 30.8 46.2

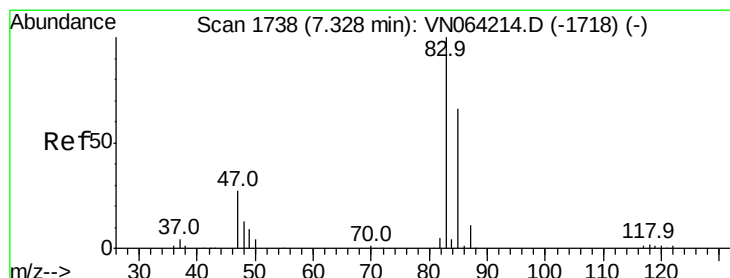
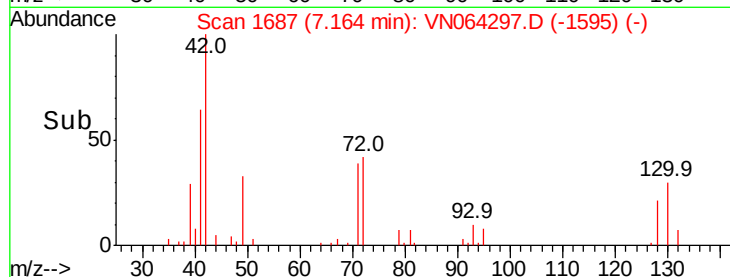
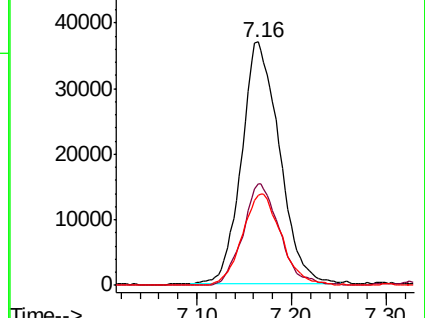
71 38.8 29.0 43.6



Abundance Ion 42.00 (41.70 to 42.70): VN064214.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN064214.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN064214.D (-1656) (-)



#30

Chloroform

Concen: 20.361 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064297.D

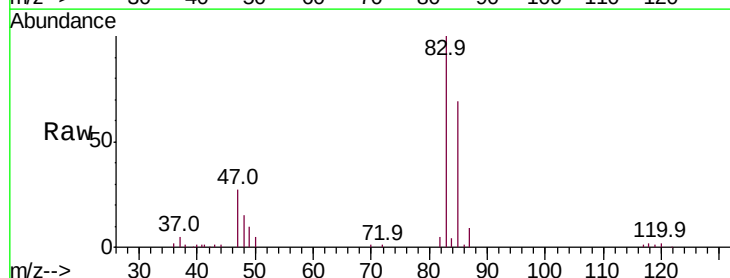
Acq: 23 Oct 2020 20:04

Tgt Ion: 83 Resp: 112777

Ion Ratio Lower Upper

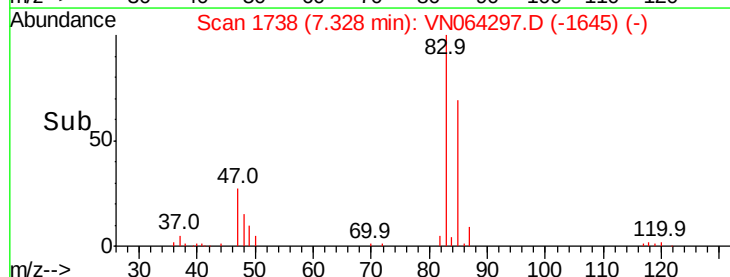
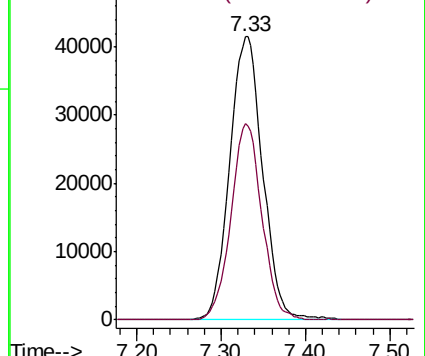
83 100

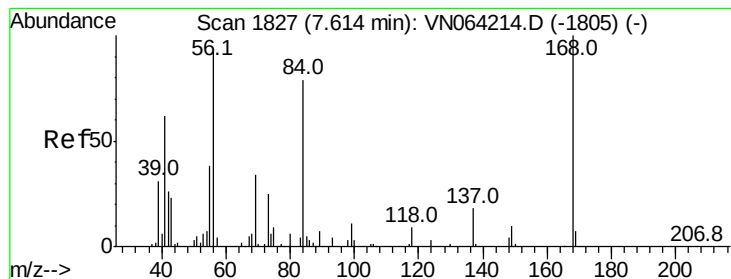
85 69.3 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-1718) (-)





#31

Cyclohexane

Concen: 18.988 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampled :

VN1023WBS02

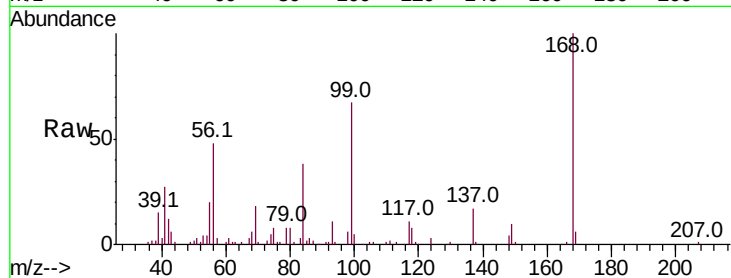
Tot Ion: 56 Resp: 85928

Ion Ratio Lower Upper

56 100

69 36.5 29.8 44.6

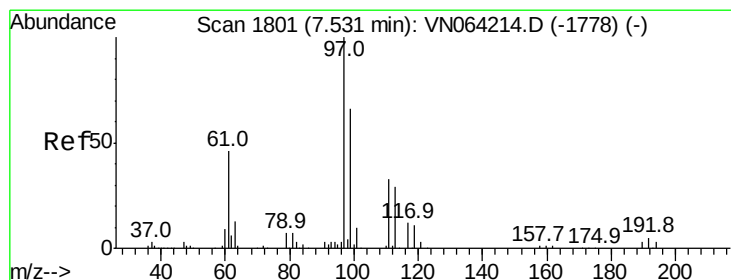
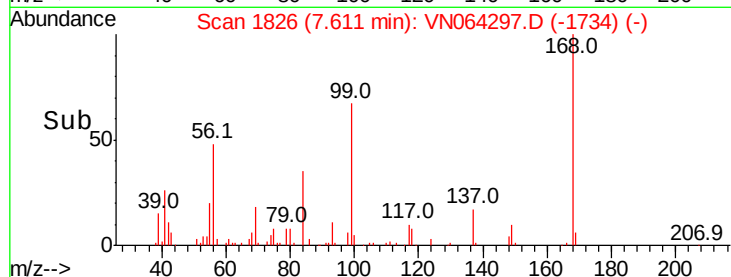
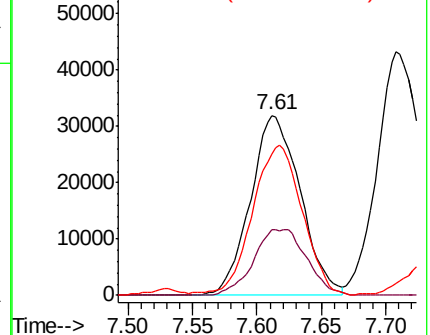
84 77.2 68.1 102.1



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: 20.636 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

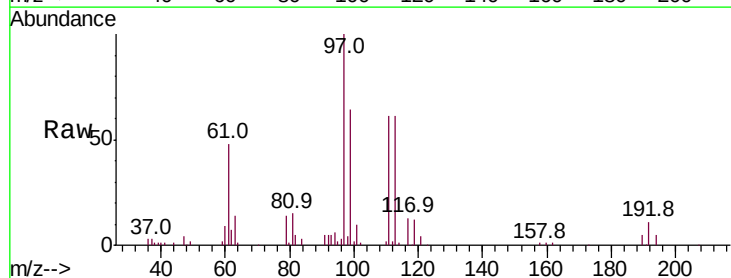
Tgt Ion: 97 Resp: 107075

Ion Ratio Lower Upper

97 100

99 63.1 51.2 76.8

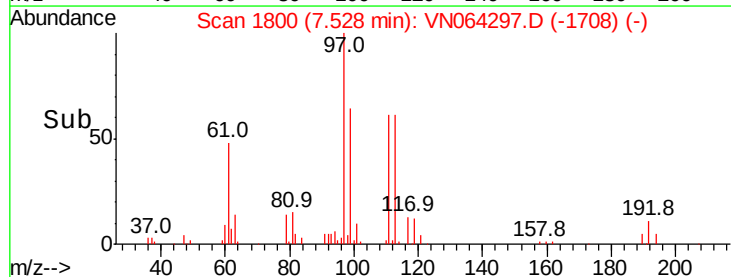
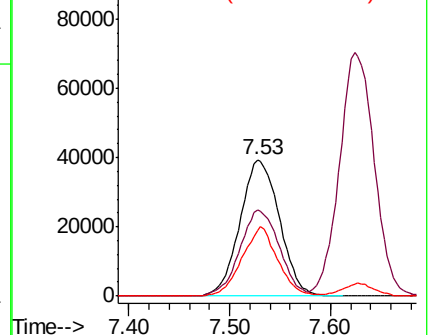
61 46.0 36.3 54.5

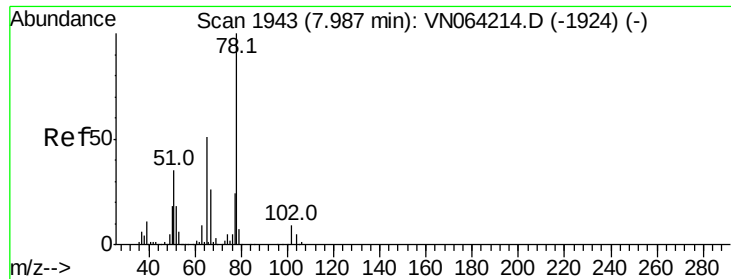


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 54.233 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

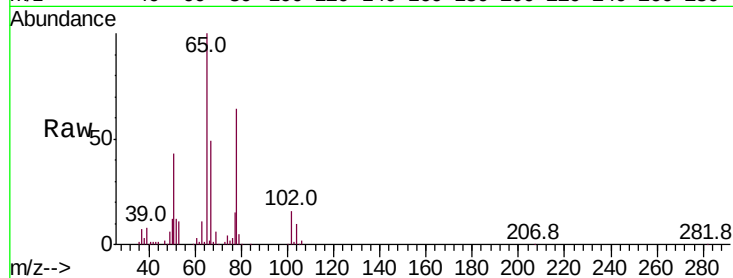
VN1023WBS02

Tot Ion: 65 Resp: 207030

Ion Ratio Lower Upper

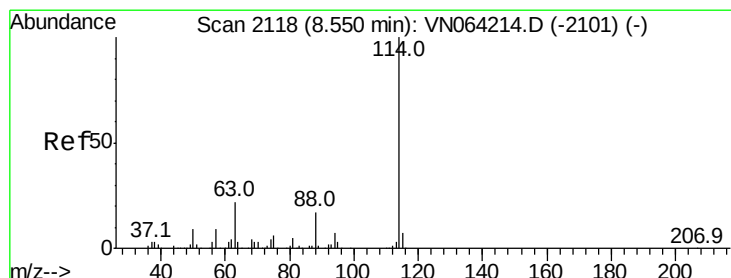
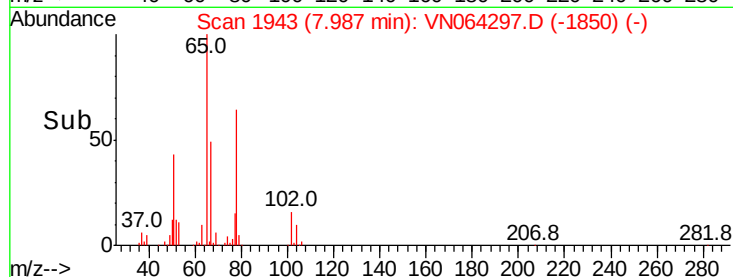
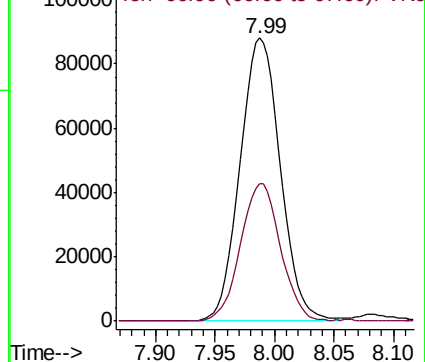
65 100

67 48.1 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

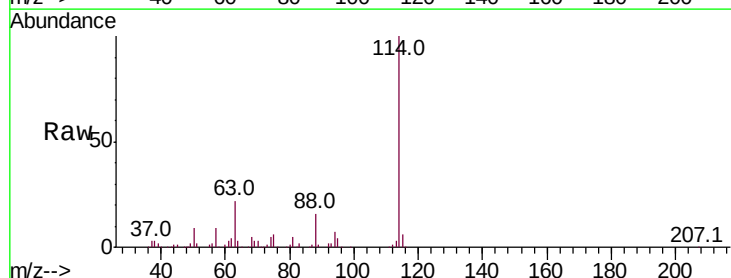
Tgt Ion: 114 Resp: 423322

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

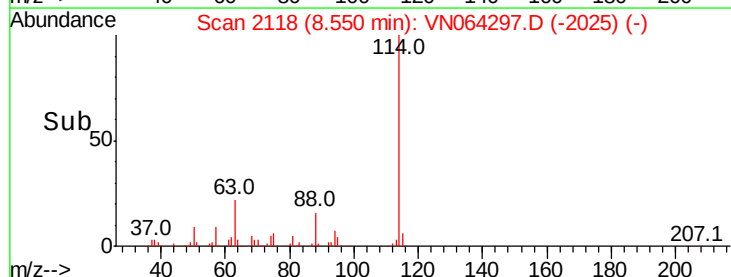
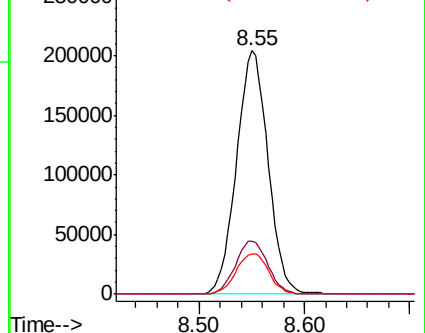
88 16.4 0.0 34.2

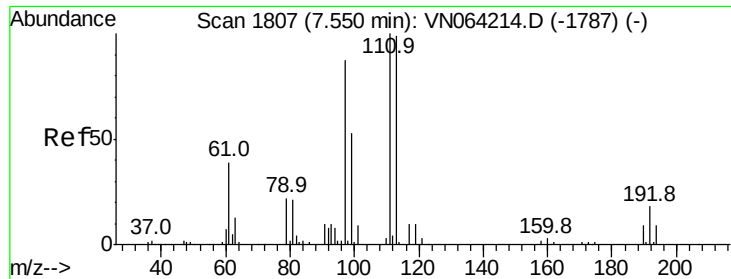


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

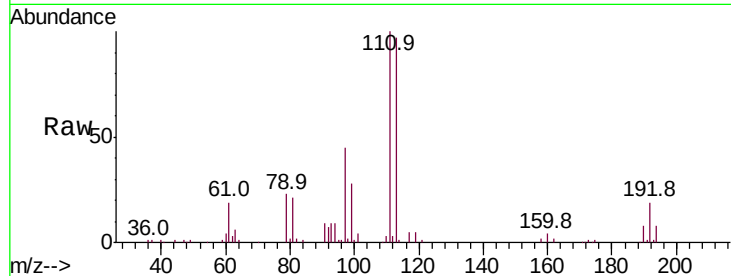




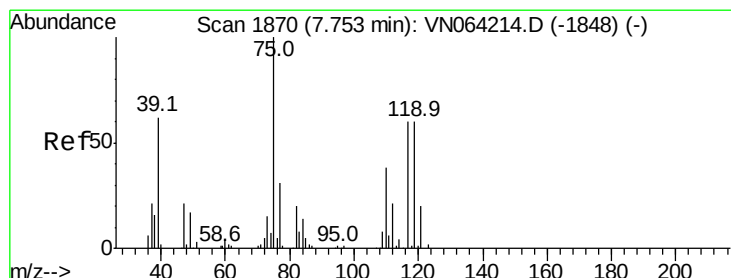
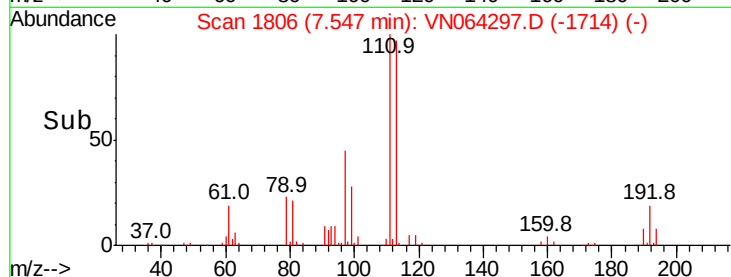
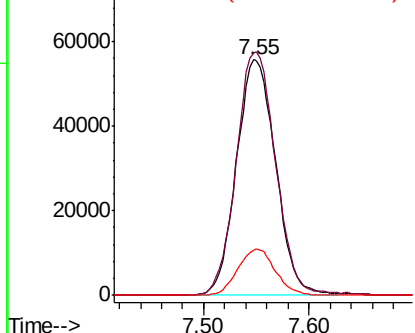
#35
 Dibromofluoromethane
 Concen: 51.269 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion:113 Resp: 144293
 Ion Ratio Lower Upper
 113 100
 111 102.7 84.2 126.2
 192 18.7 15.2 22.8

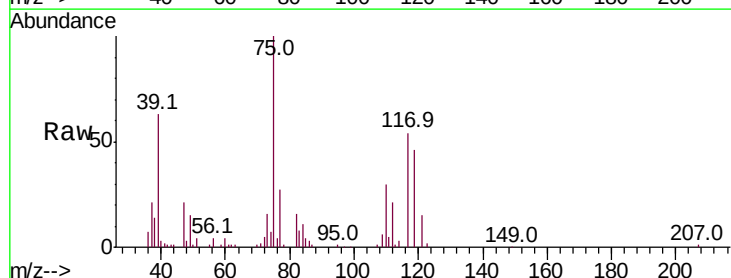


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

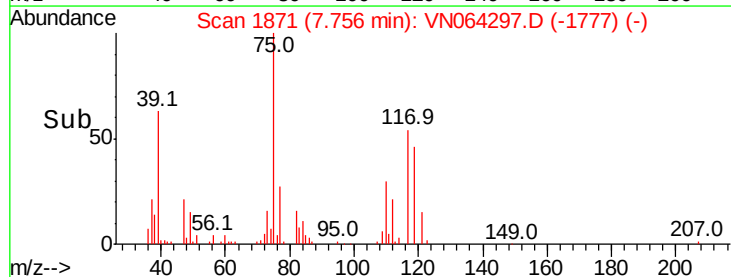
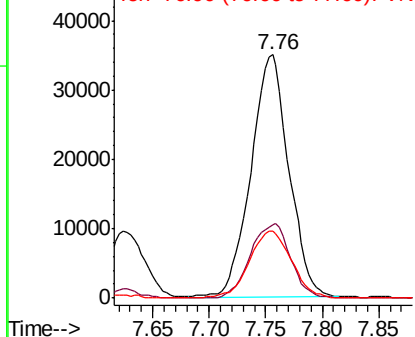


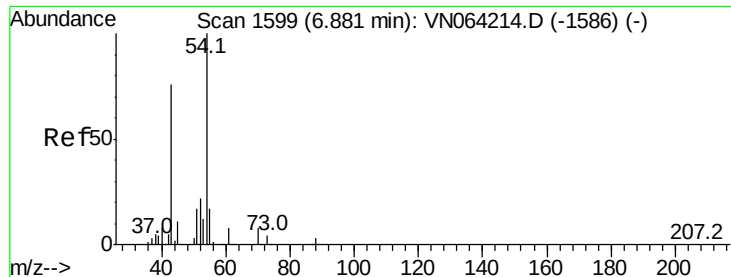
#36
 1,1-Dichloropropene
 Concen: 19.281 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion: 75 Resp: 81370
 Ion Ratio Lower Upper
 75 100
 110 32.5 17.2 51.6
 77 30.7 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

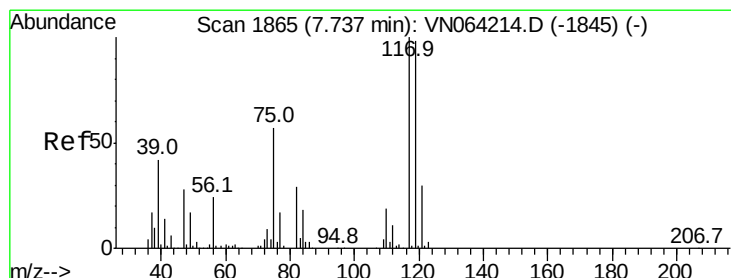
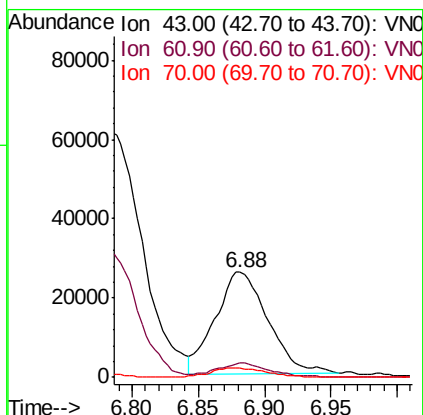
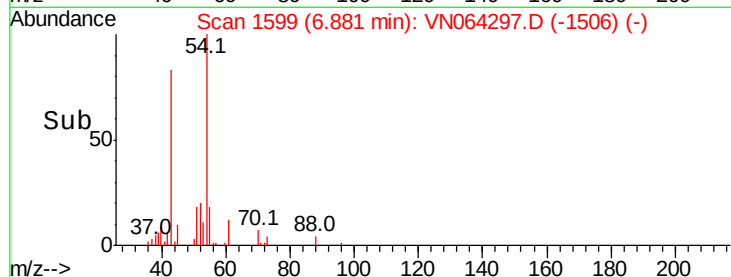
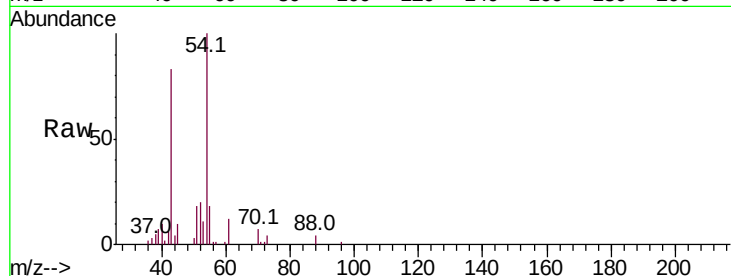




#37
Ethyl Acetate
Concen: 18.692 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

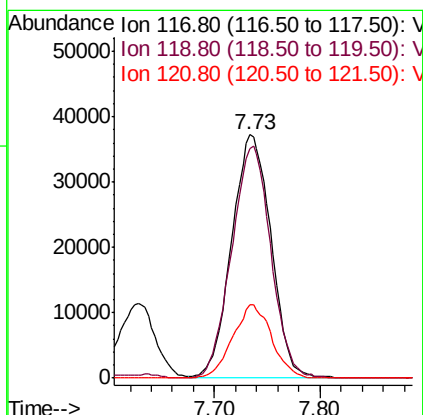
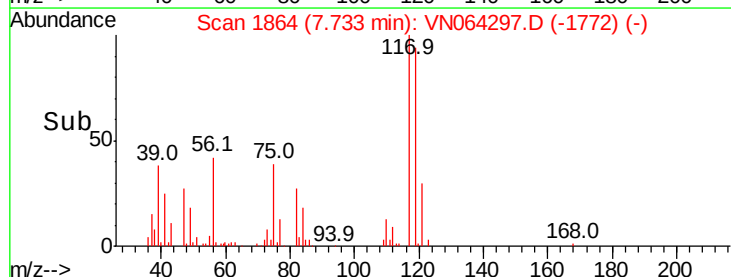
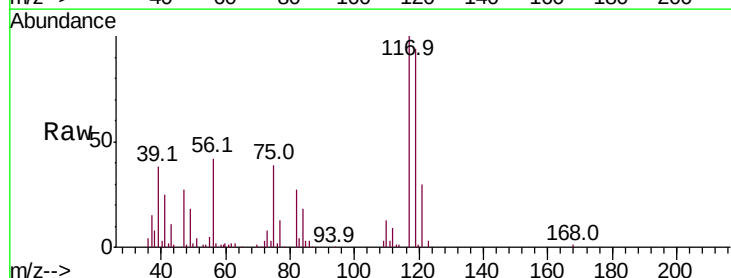
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

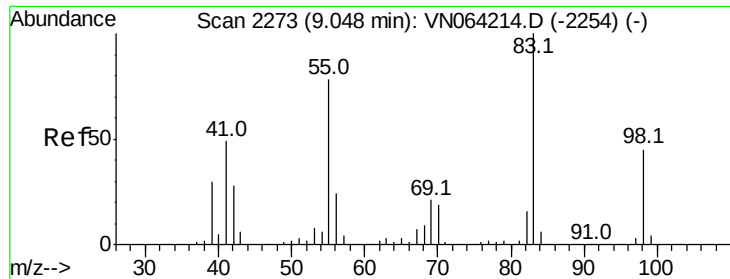
Tot Ion: 43 Resp: 71622
Ion Ratio Lower Upper
43 100
61 13.9 10.0 15.0
70 9.5 7.5 11.3



#38
Carbon Tetrachloride
Concen: 20.127 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 117 Resp: 96645
Ion Ratio Lower Upper
117 100
119 94.1 78.5 117.7
121 30.1 24.3 36.5

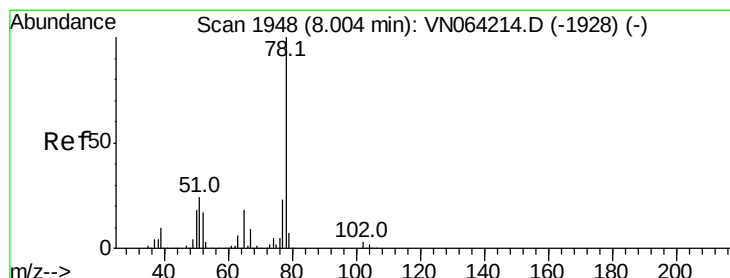
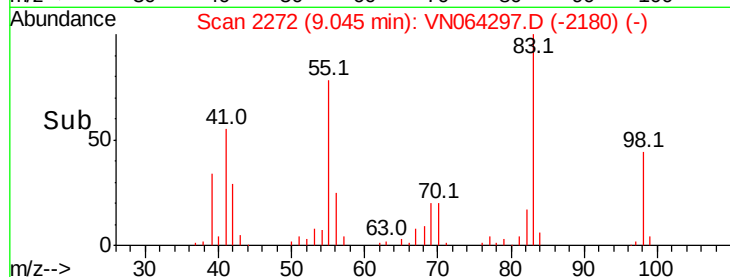
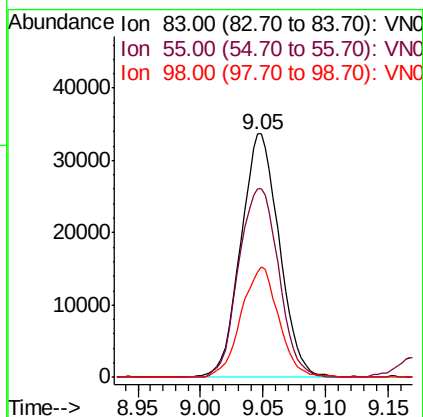
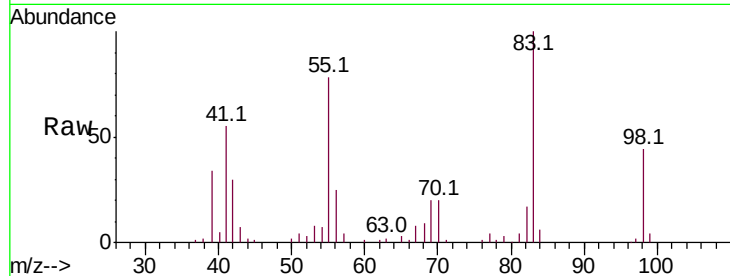




#39
Methylvlcyclohexane
Concen: 18.725 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

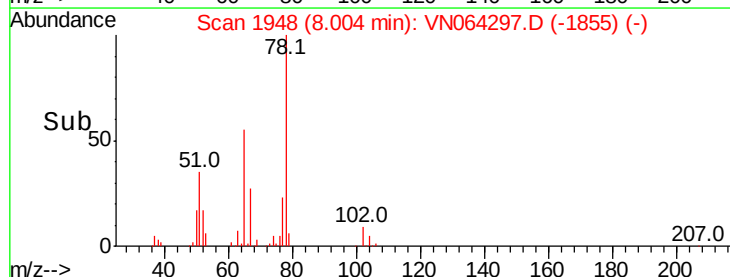
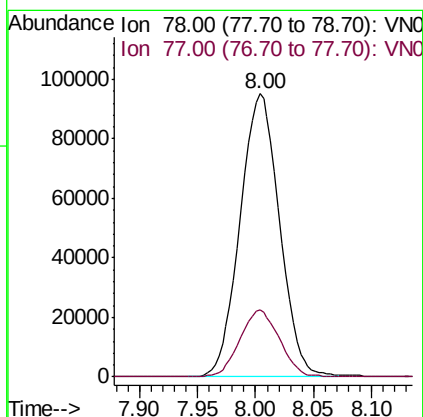
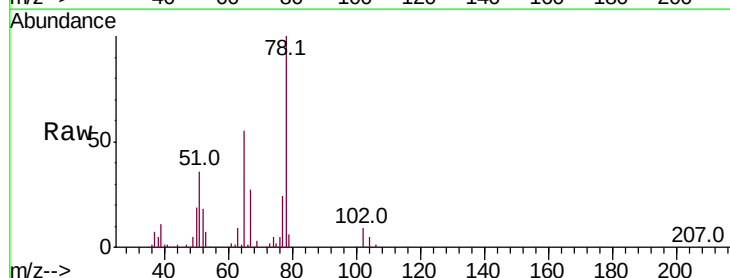
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

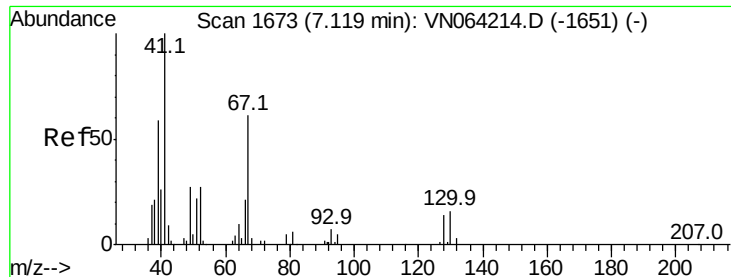
Tot Ion: 83 Resp: 71858
Ion Ratio Lower Upper
83 100
55 77.6 62.2 93.2
98 43.5 35.9 53.9



#40
Benzene
Concen: 19.378 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 78 Resp: 225746
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5

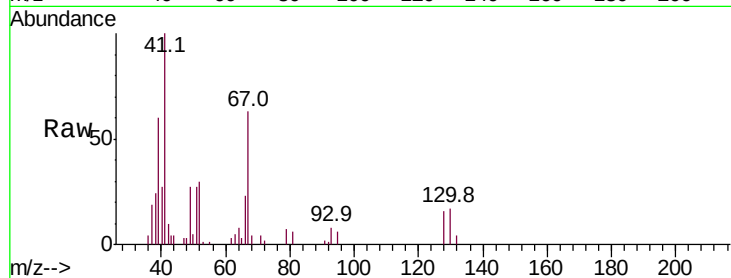




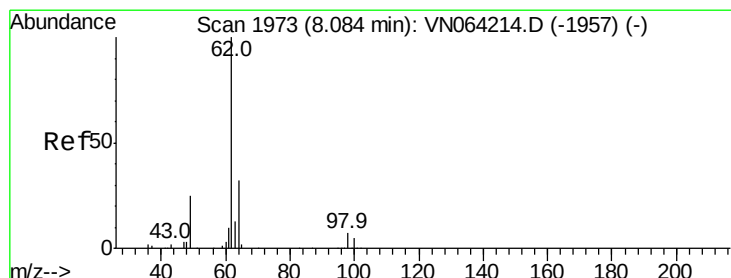
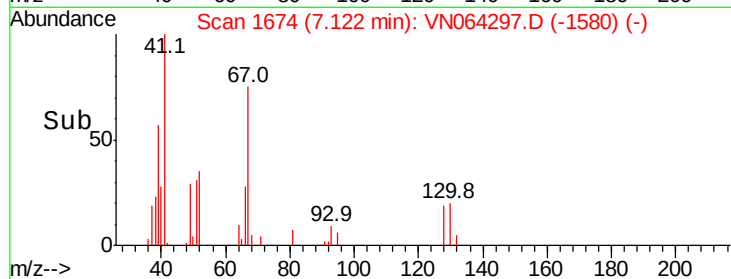
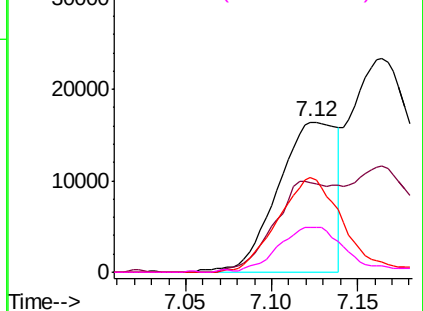
#41
Methacrylonitrile
Concen: 19.392 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion:	41	Resp:	38977
Ion	Ratio	Lower	Upper
41	100		
39	52.5	50.5	75.7
67	71.0	63.2	94.8
52	33.0	29.3	43.9

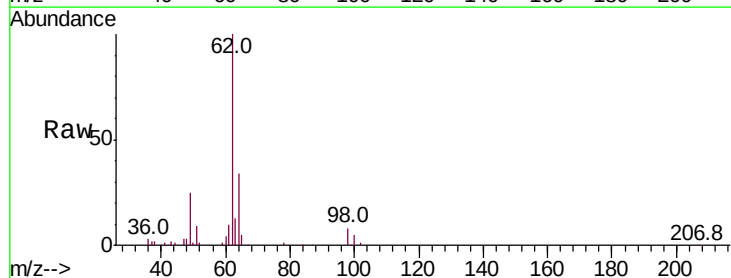


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

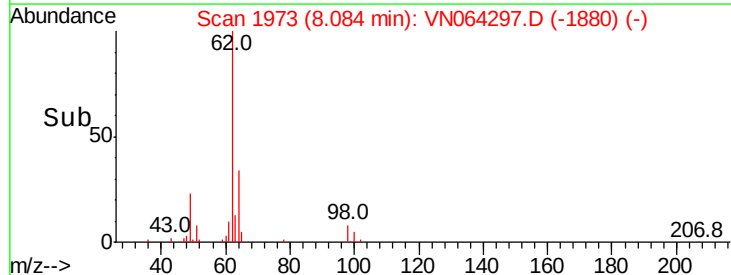
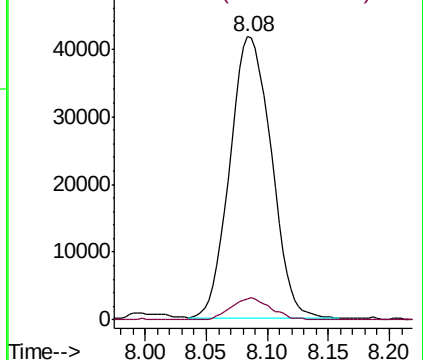


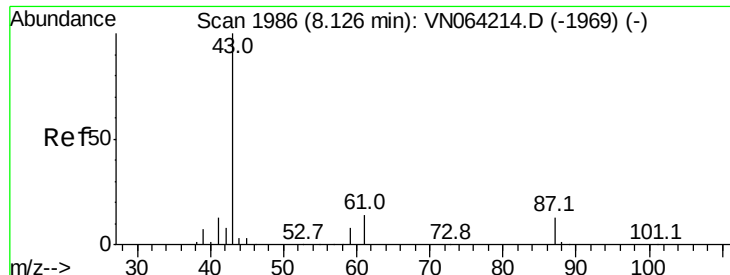
#42
1,2-Dichloroethane
Concen: 19.684 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion:	62	Resp:	98233
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.0



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





#43

Isopropyl Acetate

Concen: 19.546 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

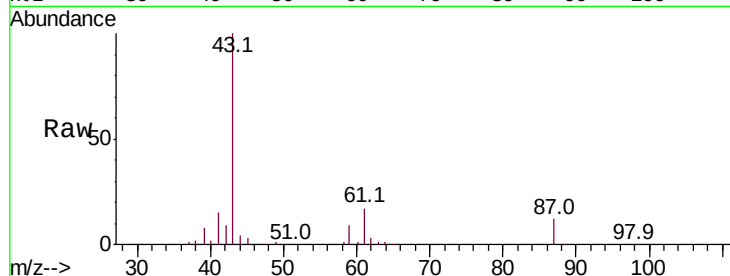
Tot Ion: 43 Resp: 139584

Ion Ratio Lower Upper

43 100

61 17.2 19.6 29.4#

87 11.6 9.8 14.6



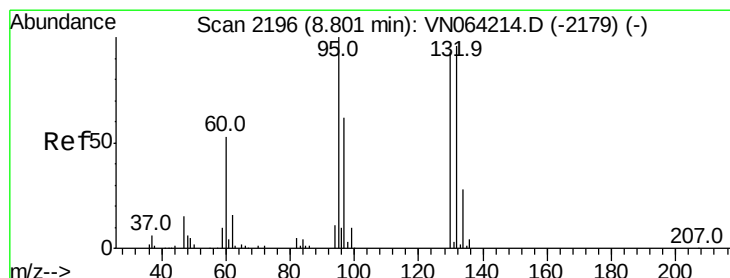
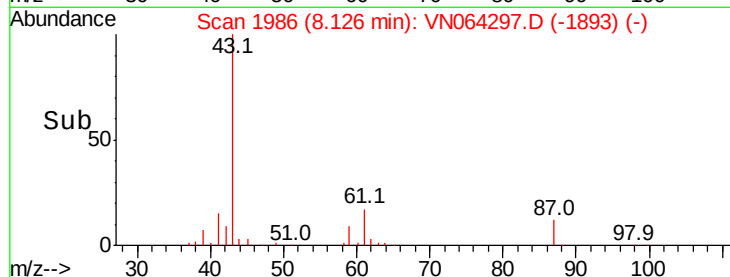
Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN064214.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN064214.D (-1969) (-)

8.13

Time-->



#44

Trichloroethene

Concen: 20.231 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064297.D

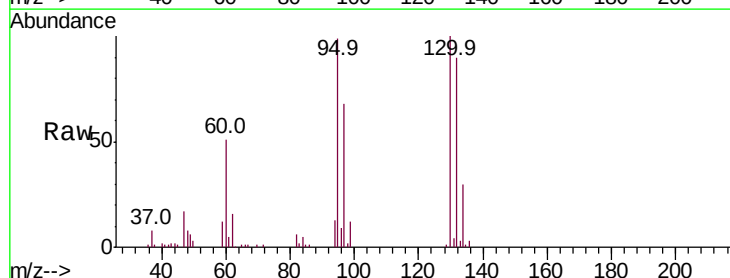
Acq: 23 Oct 2020 20:04

Tgt Ion:130 Resp: 64225

Ion Ratio Lower Upper

130 100

95 99.1 0.0 214.0

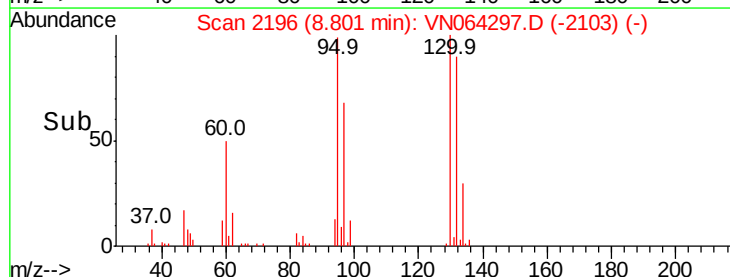


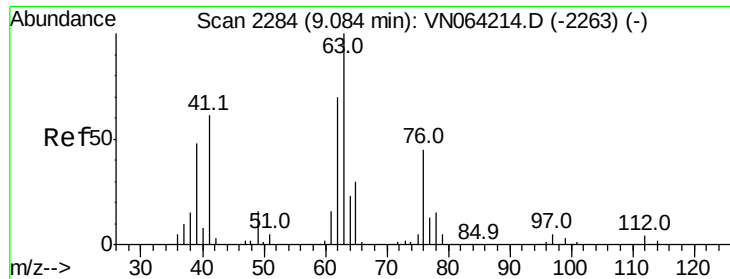
Abundance Ion 129.80 (129.50 to 130.50): VN064214.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064214.D (-2179) (-)

8.80

Time-->

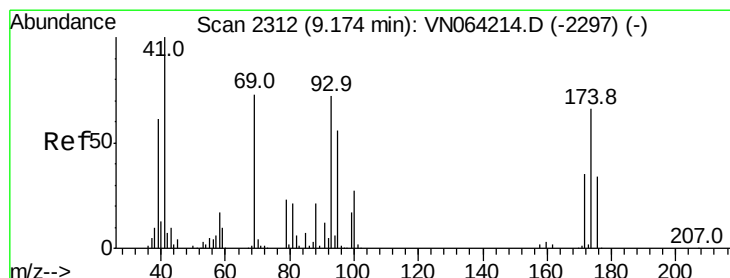
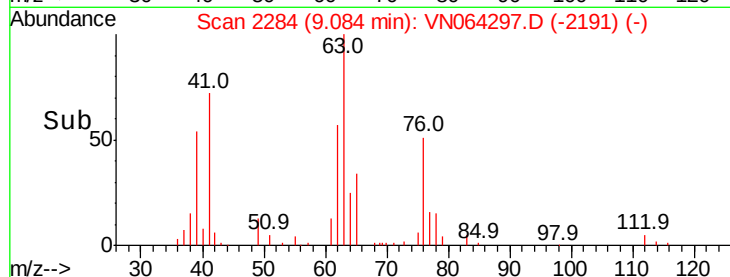
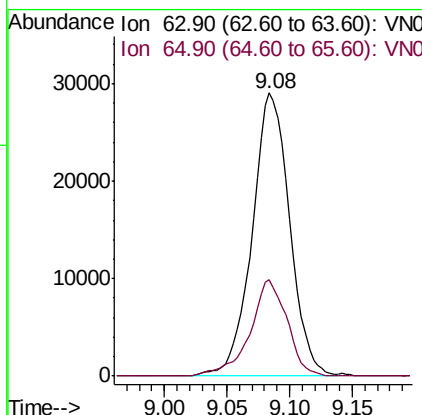
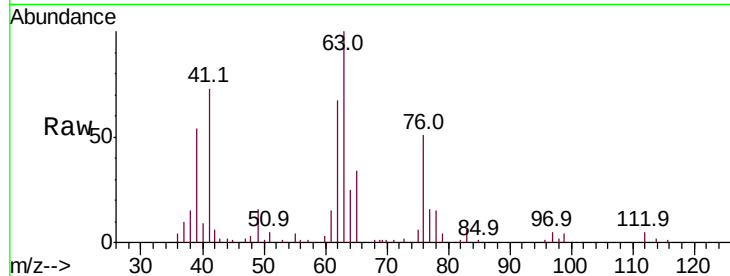




#45
 1,2-Dichloropropane
 Concen: 19.475 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

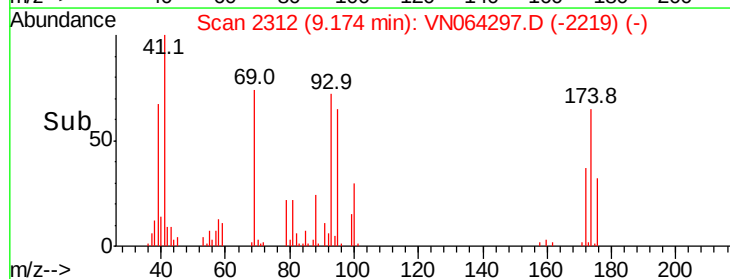
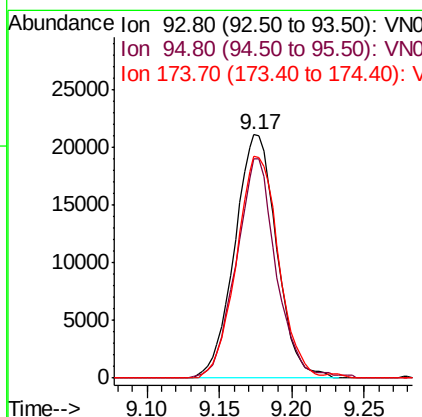
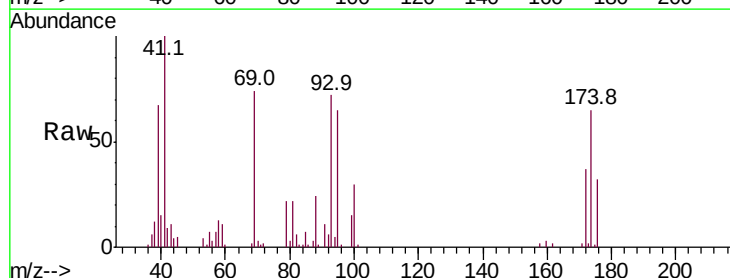
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

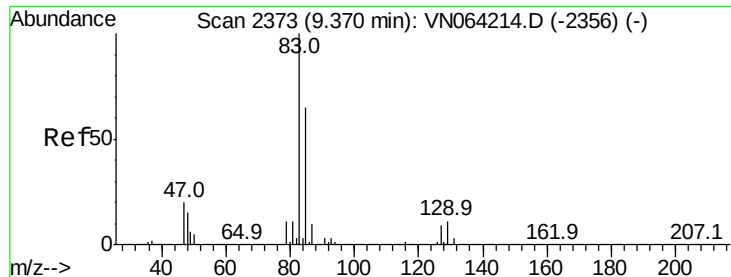
Tot Ion: 63 Resp: 60570
 Ion Ratio Lower Upper
 63 100
 65 34.1 24.0 36.0



#46
 Dibromomethane
 Concen: 20.362 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion: 93 Resp: 42523
 Ion Ratio Lower Upper
 93 100
 95 85.9 63.0 94.4
 174 91.3 72.9 109.3





#47

Bromodichloromethane

Concen: 19.605 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

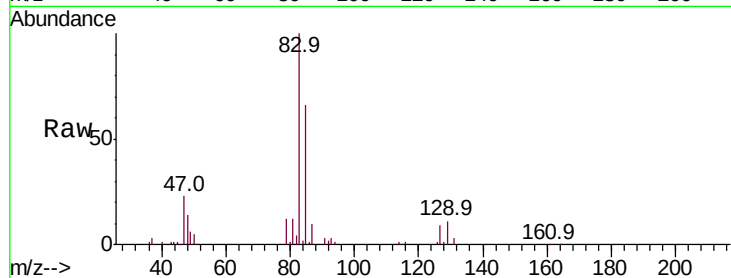
Tot Ion: 83 Resp: 90452

Ion Ratio Lower Upper

83 100

85 65.9 51.8 77.8

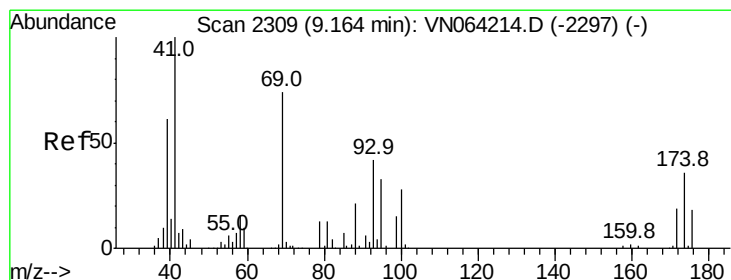
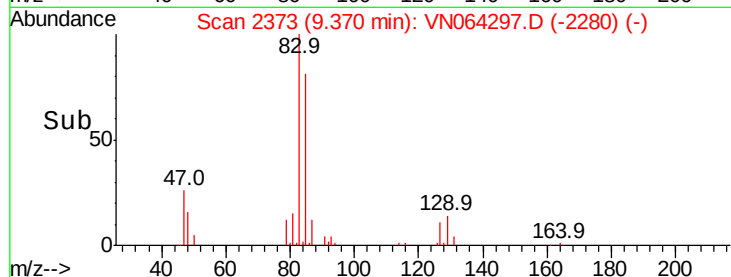
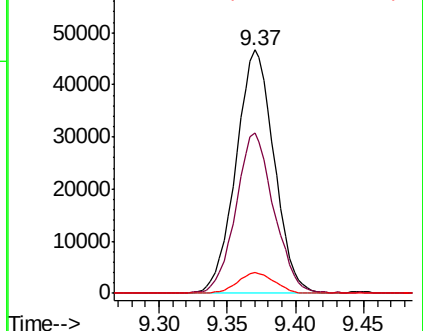
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064214.D (-2356) (-)



#48

Methyl methacrylate

Concen: 18.444 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

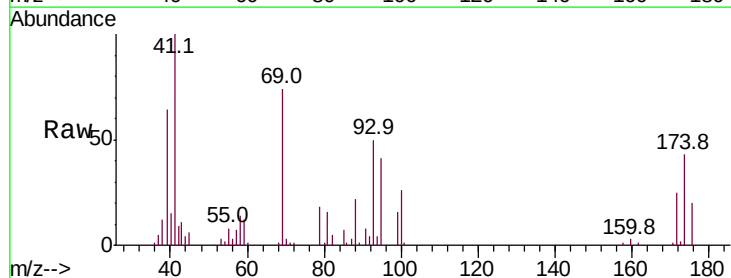
Tgt Ion: 41 Resp: 68802

Ion Ratio Lower Upper

41 100

69 74.8 57.3 85.9

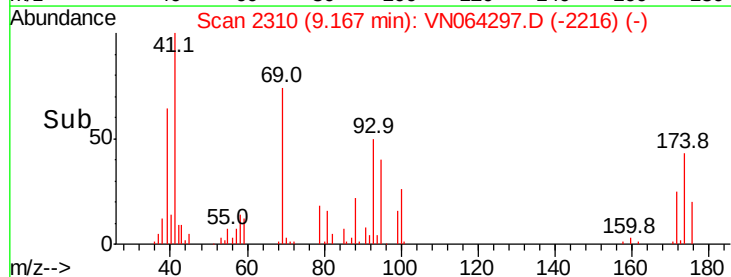
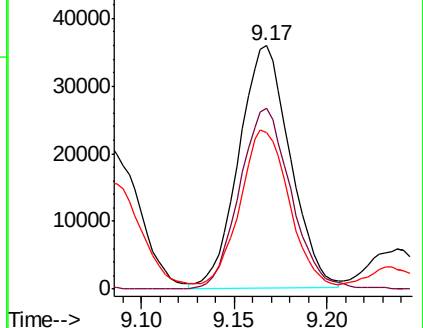
39 63.3 48.6 73.0

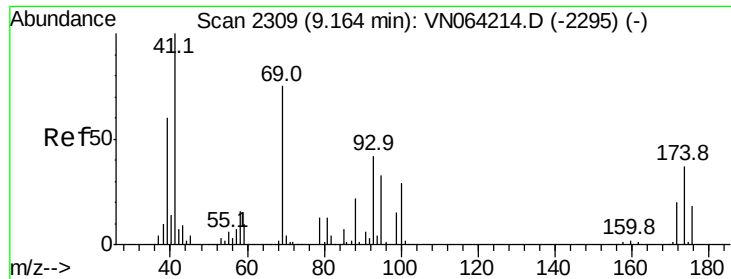


Abundance Ion 41.00 (40.70 to 41.70): VN064214.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064214.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064214.D (-2297) (-)

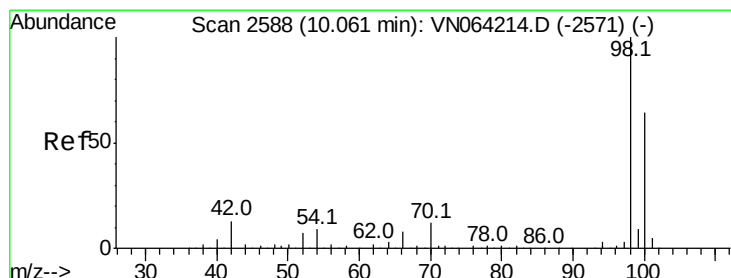
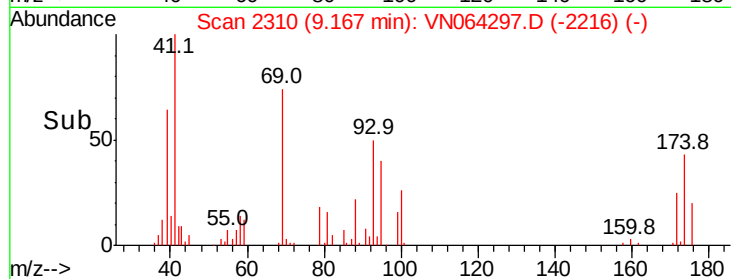
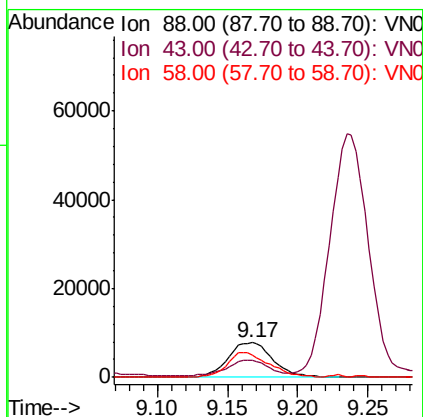
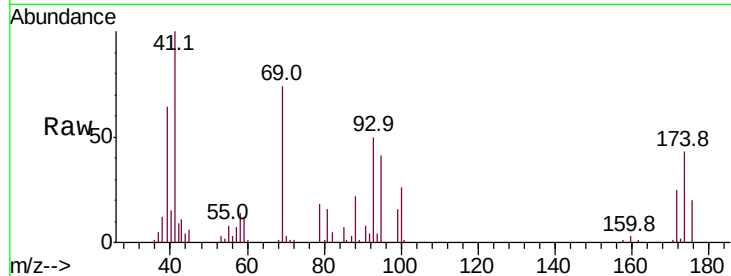




#49
 1,4-Dioxane
 Concen: 398.373 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

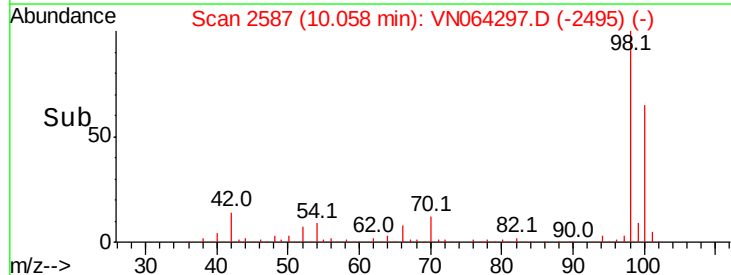
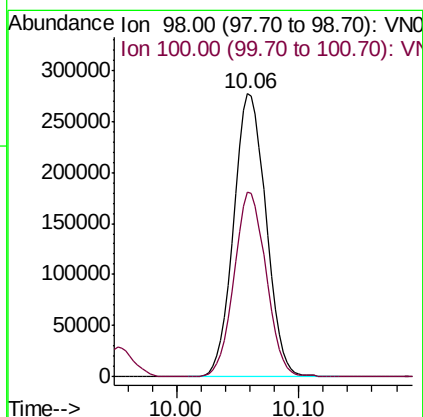
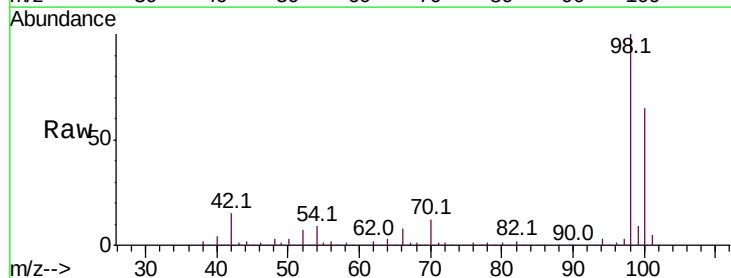
Instrument :
 MSVOA_N
 ClientSampled :
 VN1023WBS02

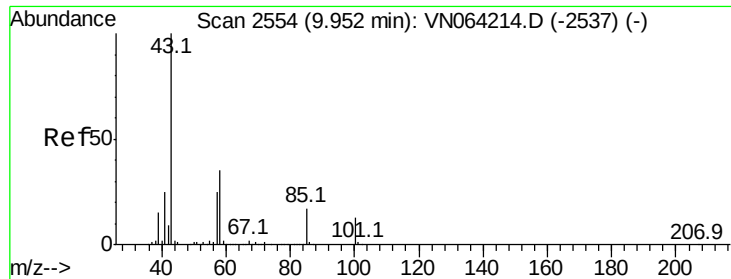
Tot Ion: 88 Resp: 17388
 Ion Ratio Lower Upper
 88 100
 43 42.8 34.6 52.0
 58 67.5 59.0 88.6



#50
 Toluene-d8
 Concen: 49.933 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion: 98 Resp: 509789
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 100.206 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

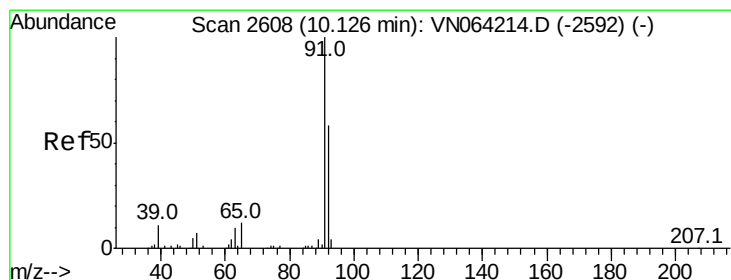
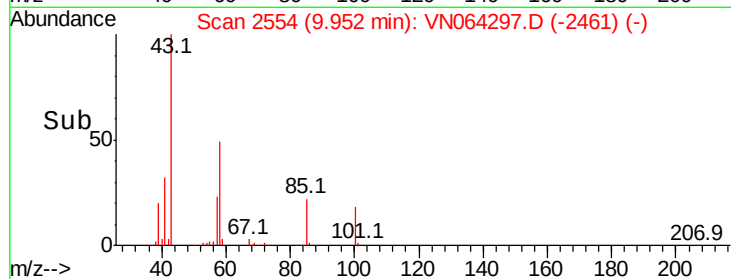
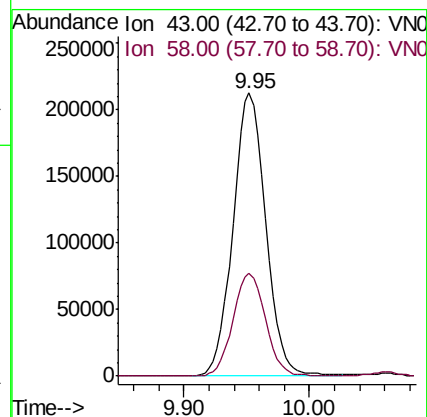
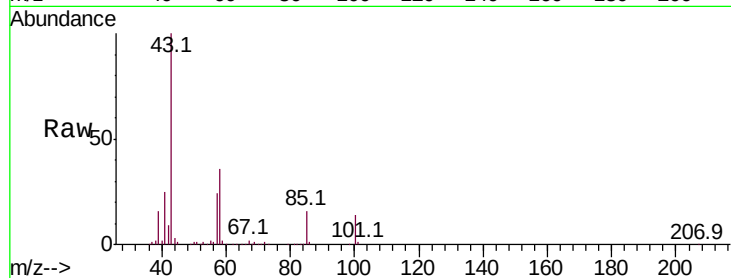
VN1023WBS02

Tot Ion: 43 Resp: 382446

Ion Ratio Lower Upper

43 100

58 36.3 28.6 42.8



#52

Toluene

Concen: 19.416 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064297.D

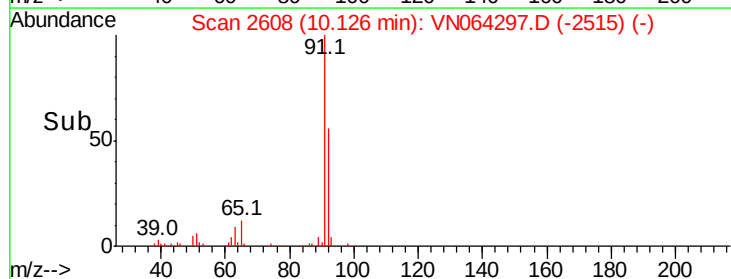
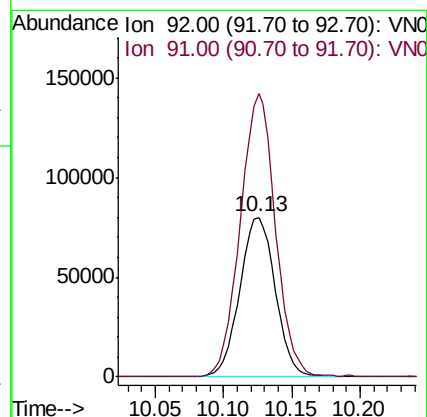
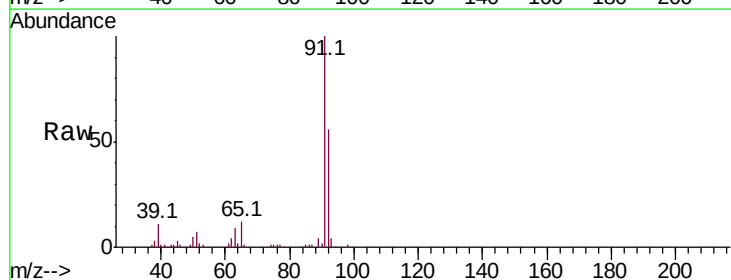
Acq: 23 Oct 2020 20:04

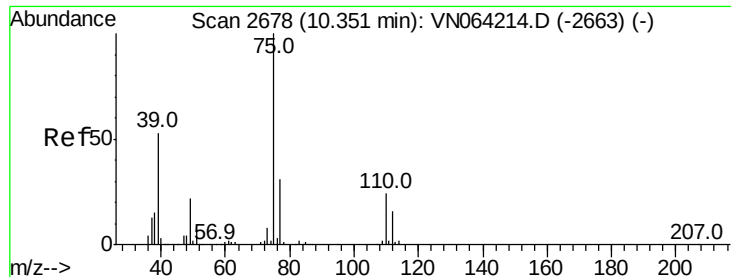
Tgt Ion: 92 Resp: 144731

Ion Ratio Lower Upper

92 100

91 175.4 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 19.867 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

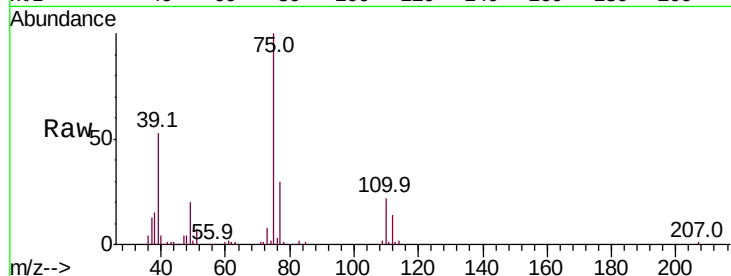
VN1023WBS02

Tot Ion: 75 Resp: 101823

Ion Ratio Lower Upper

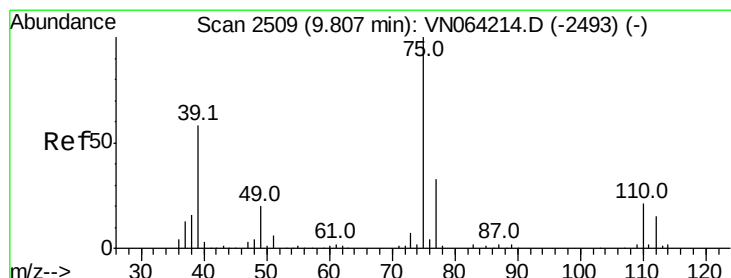
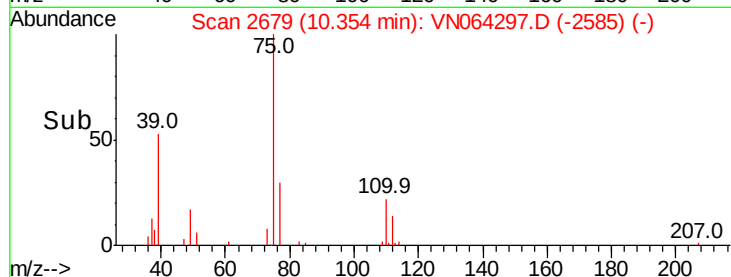
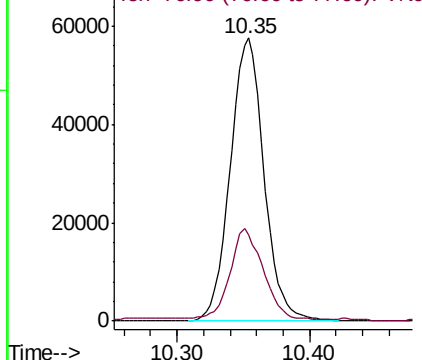
75 100

77 29.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.013 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

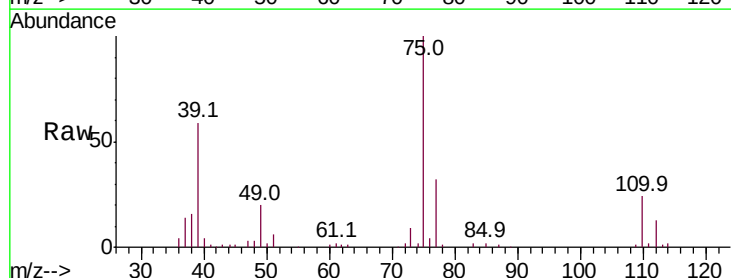
Tgt Ion: 75 Resp: 102601

Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8

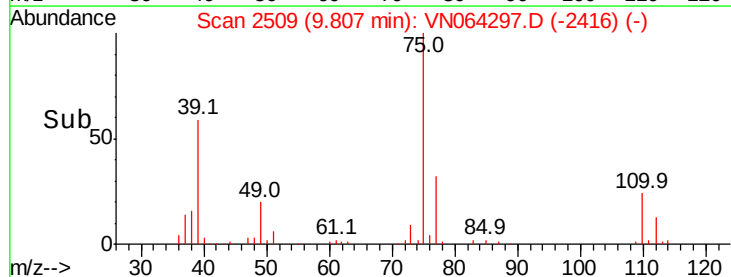
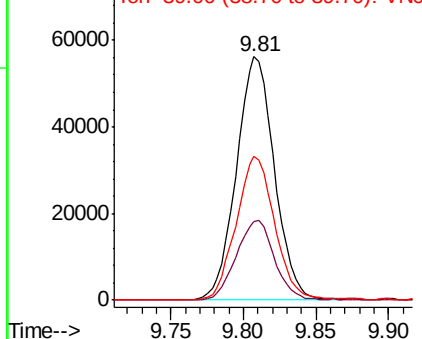
39 58.9 46.7 70.1

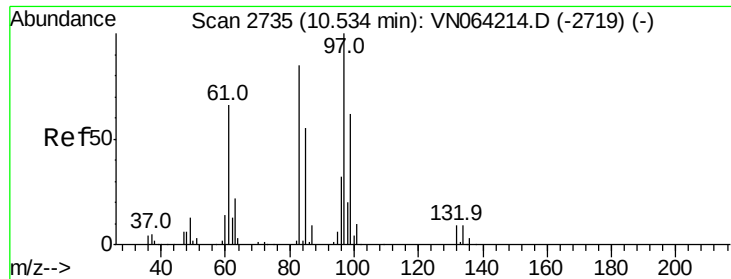


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

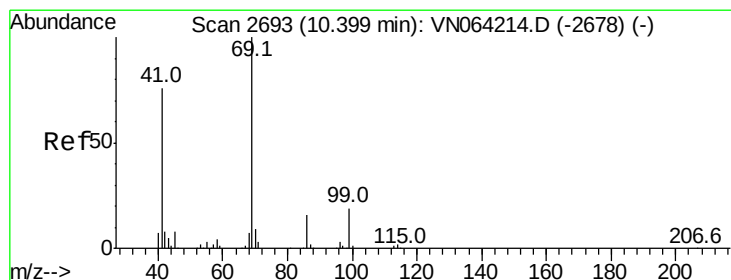
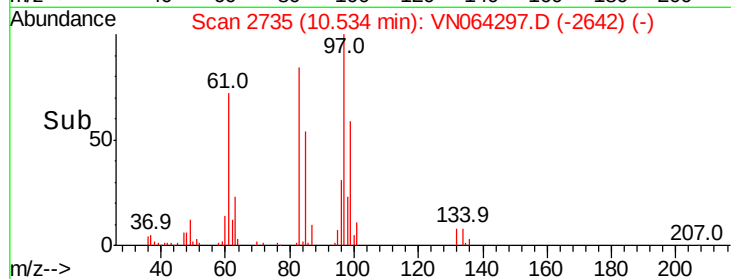
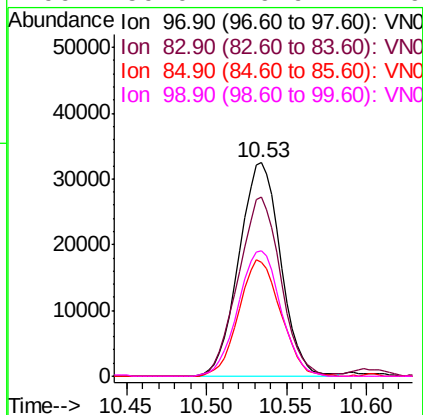
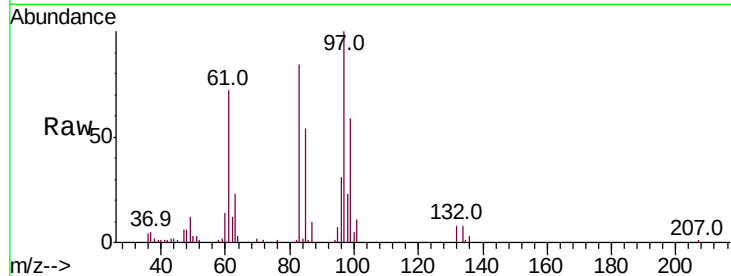




#55
 1,1,2-Trichloroethane
 Concen: 20.572 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

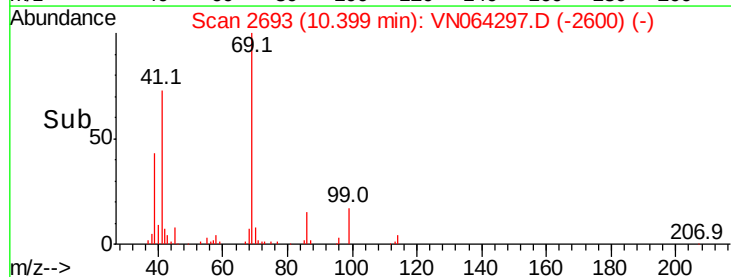
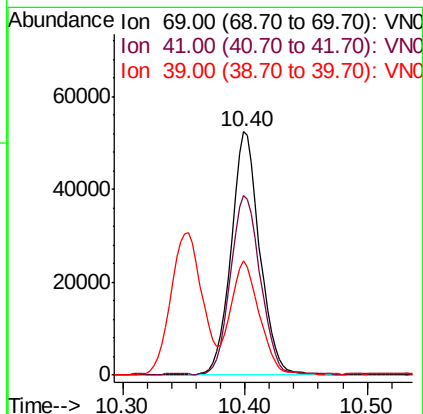
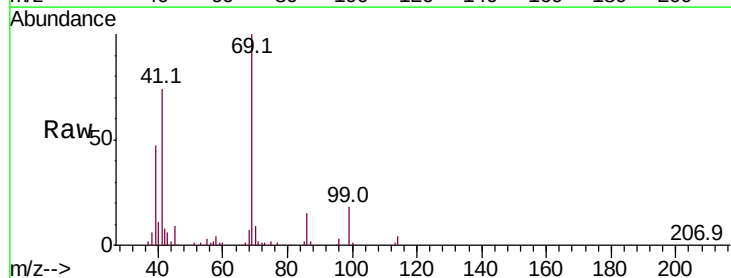
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

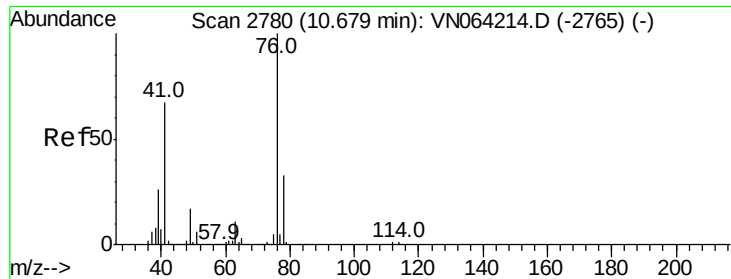
Tot Ion:	97	Resp:	57916
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.8	101.6
85	53.6	43.6	65.4
99	59.0	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.642 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion:	69	Resp:	85505
Ion	Ratio	Lower	Upper
69	100		
41	76.6	61.4	92.2
39	47.6	36.0	54.0

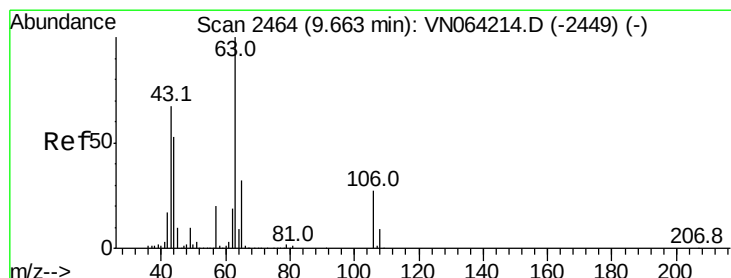
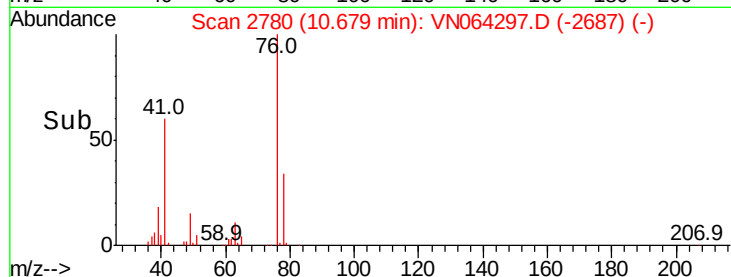
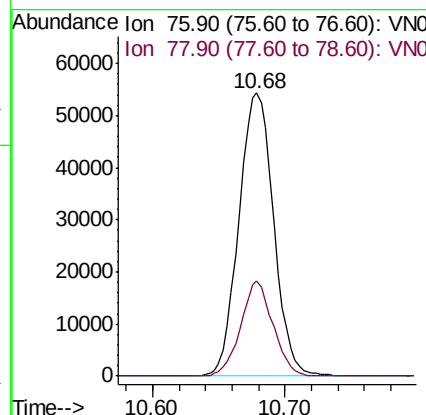
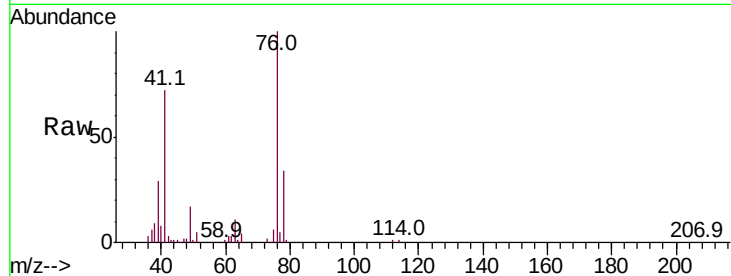




#57
 1,3-Dichloropropane
 Concen: 20.229 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

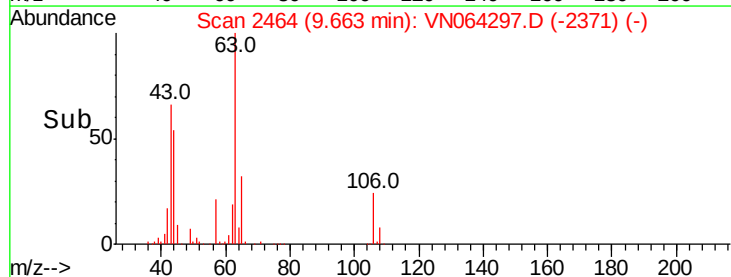
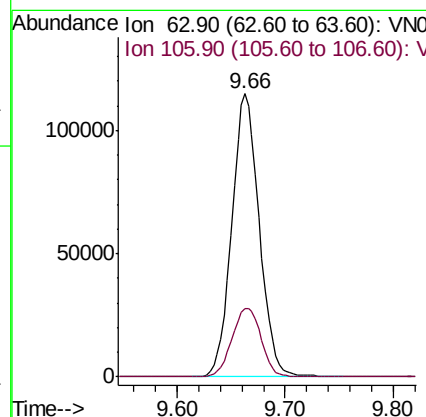
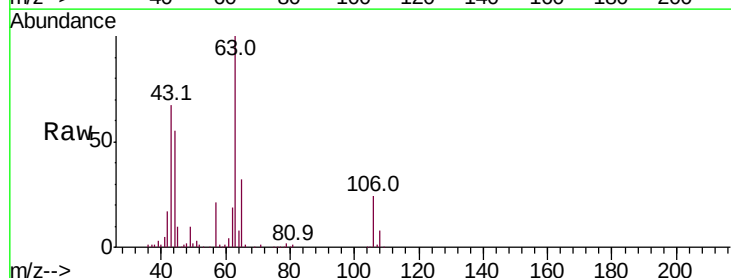
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

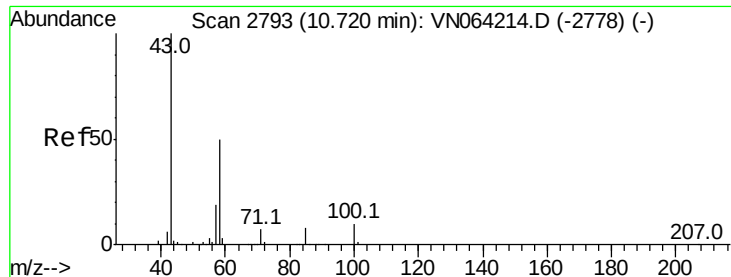
Tot Ion: 76 Resp: 98922
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.968 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion: 63 Resp: 203915
 Ion Ratio Lower Upper
 63 100
 106 25.7 21.3 31.9

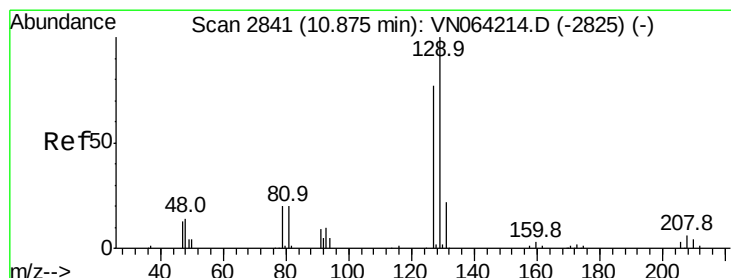
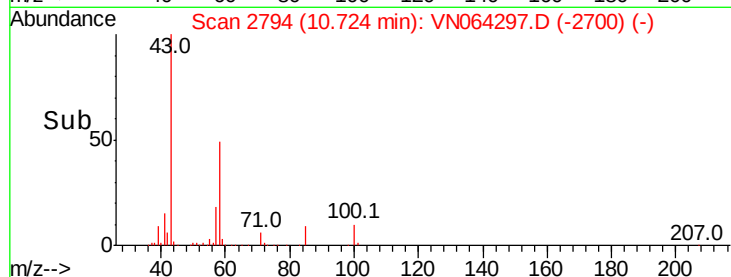
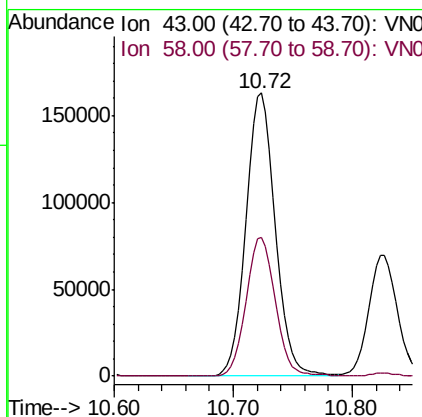
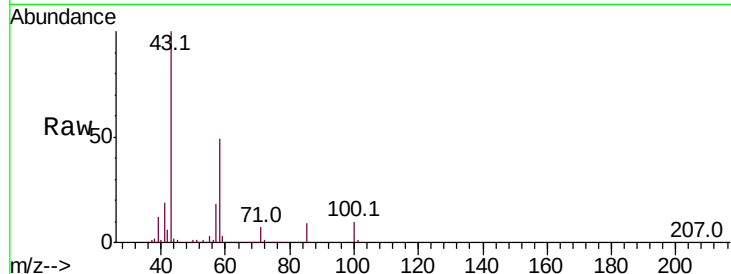




#59
2-Hexanone
Concen: 98.928 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

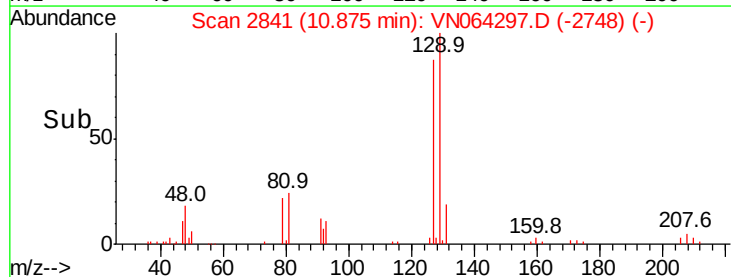
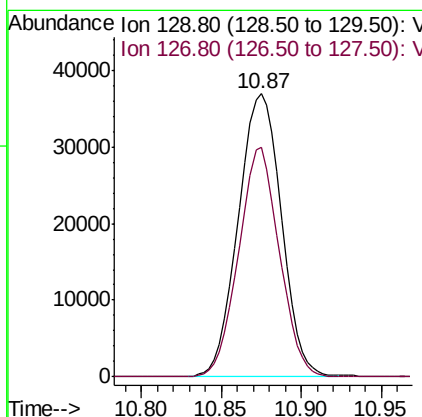
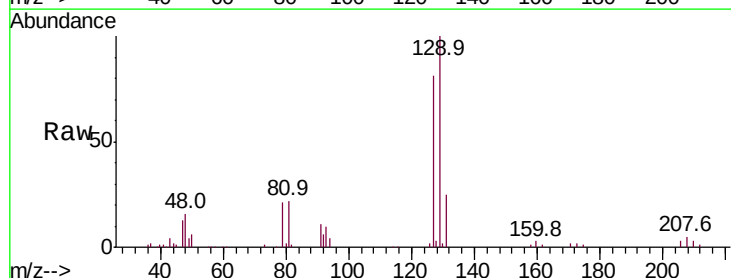
Instrument :
MSVOA_N
ClientSampled :
VN1023WBS02

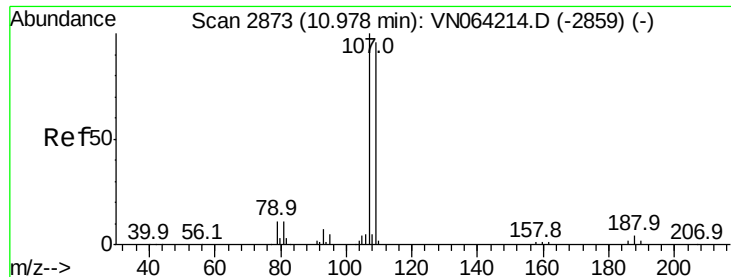
Tot Ion: 43 Resp: 275741
Ion Ratio Lower Upper
43 100
58 49.4 24.8 74.3



#60
Dibromochloromethane
Concen: 18.683 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 129 Resp: 68091
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.997 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

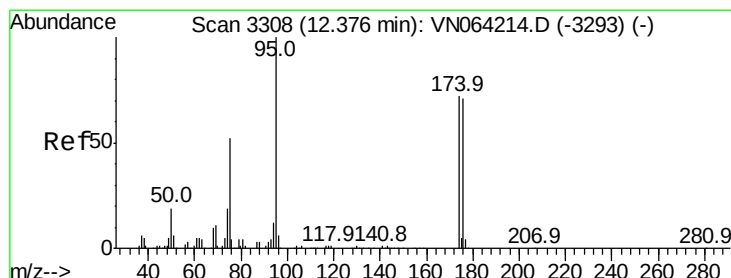
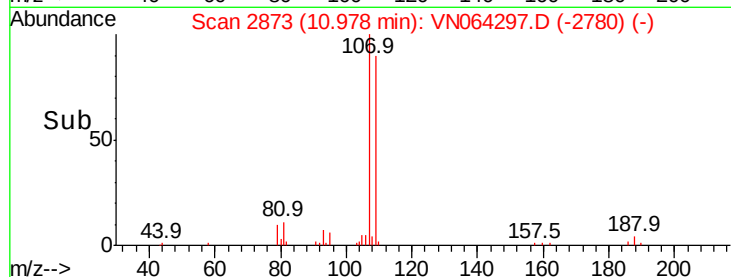
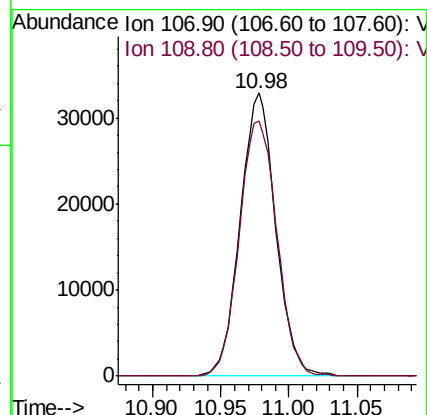
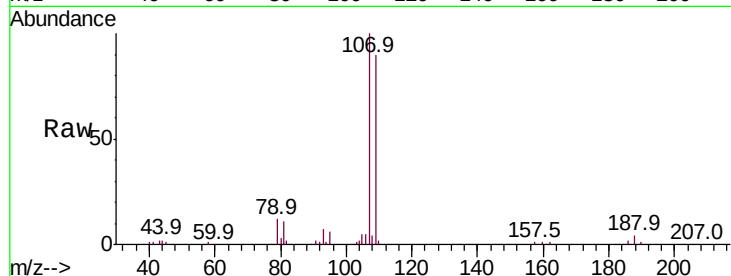
VN1023WBS02

Tot Ion:107 Resp: 59409

Ion Ratio Lower Upper

107 100

109 95.6 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 49.897 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

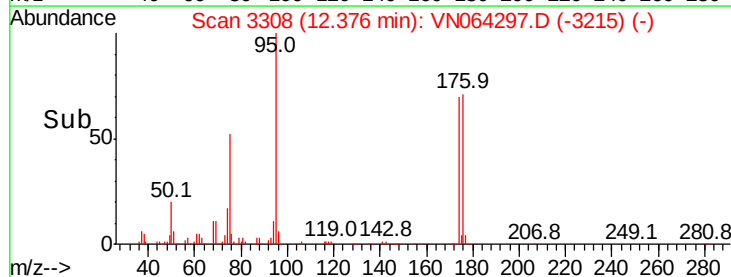
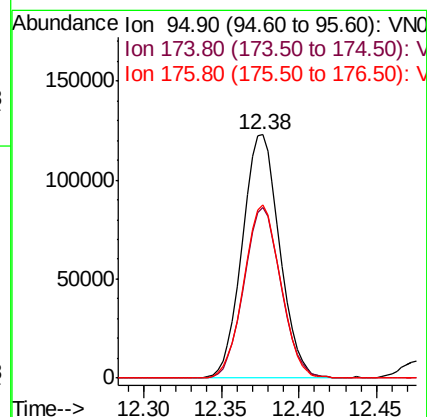
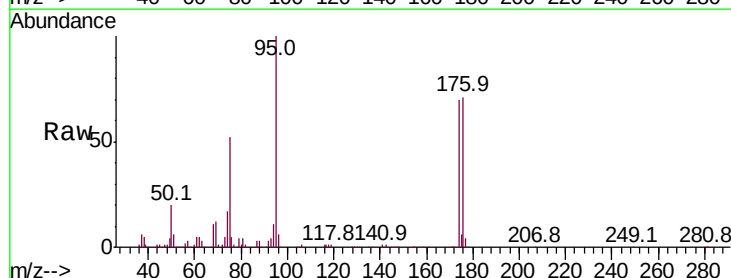
Tgt Ion: 95 Resp: 206514

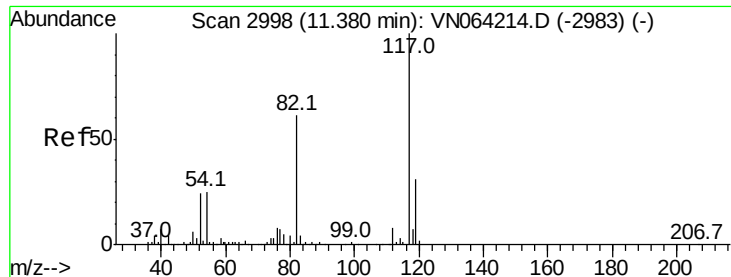
Ion Ratio Lower Upper

95 100

174 69.8 0.0 144.4

176 70.4 0.0 139.2

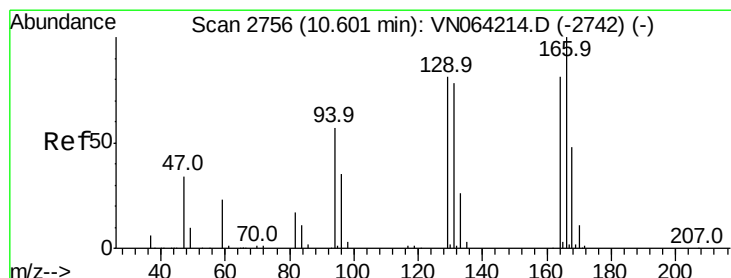
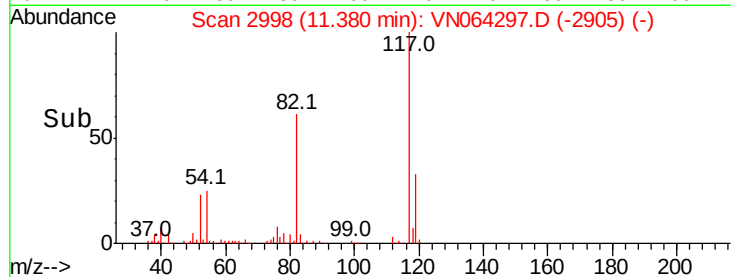
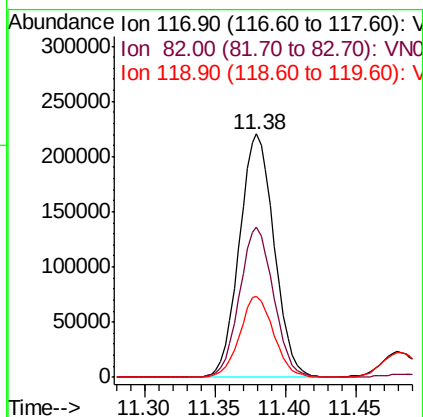
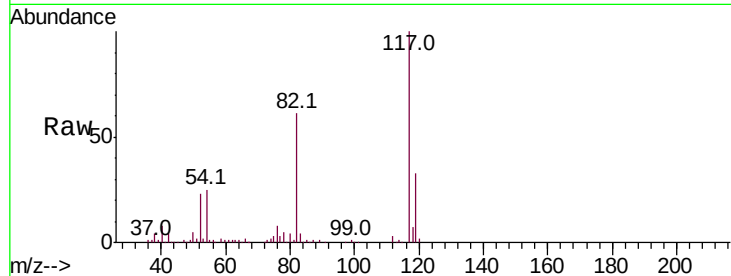




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

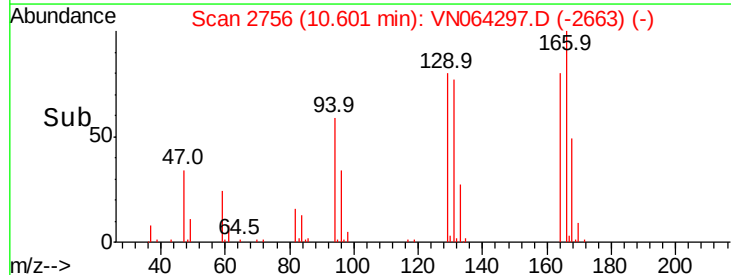
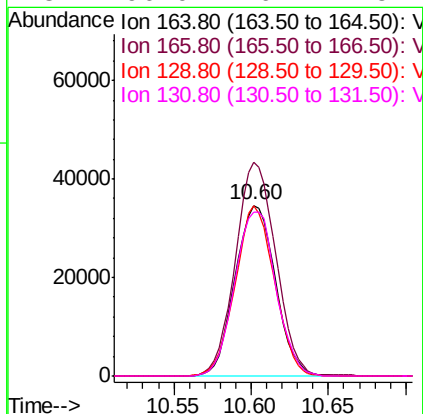
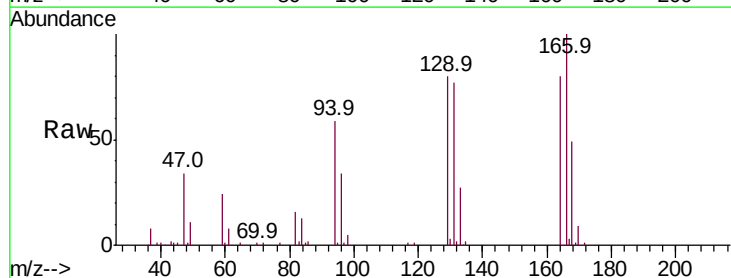
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

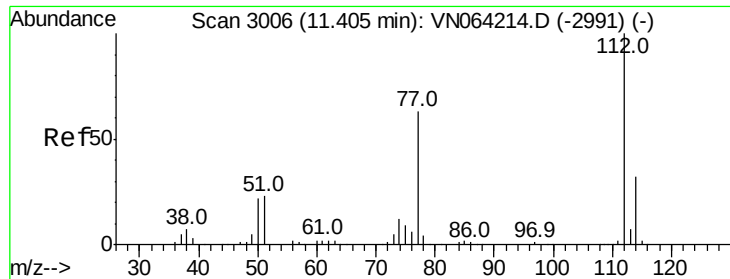
Tot Ion:117 Resp: 380984
Ion Ratio Lower Upper
117 100
82 61.5 48.8 73.2
119 33.3 24.7 37.1



#64
Tetrachloroethene
Concen: 20.536 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion:164 Resp: 62986
Ion Ratio Lower Upper
164 100
166 125.3 98.9 148.3
129 99.6 79.9 119.9
131 96.0 76.7 115.1

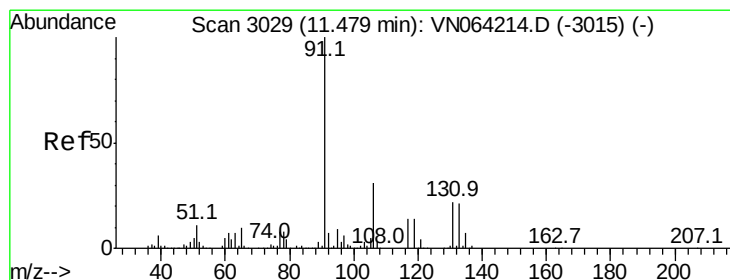
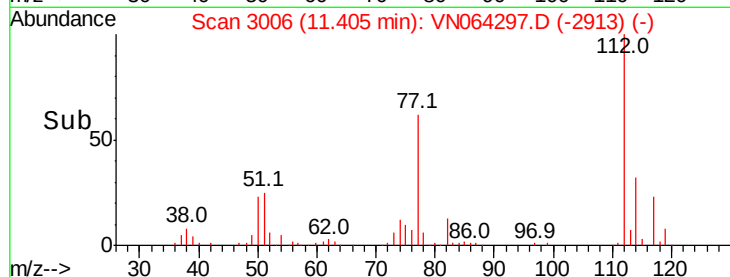
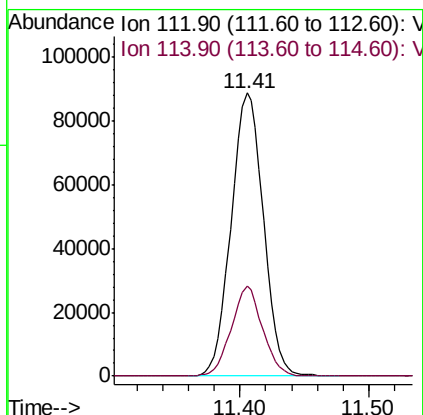
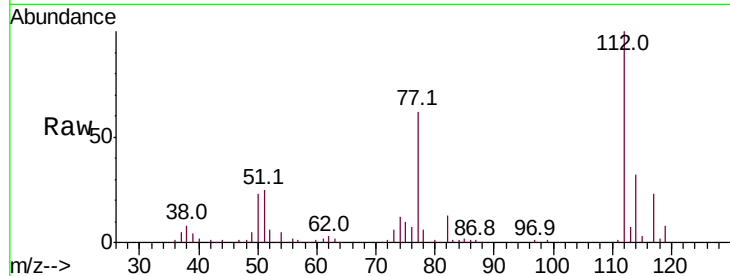




#65
Chlorobenzene
Concen: 19.560 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

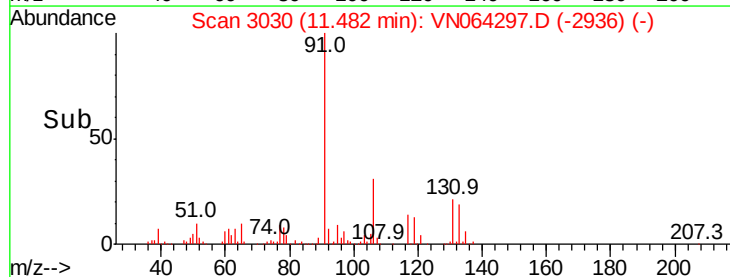
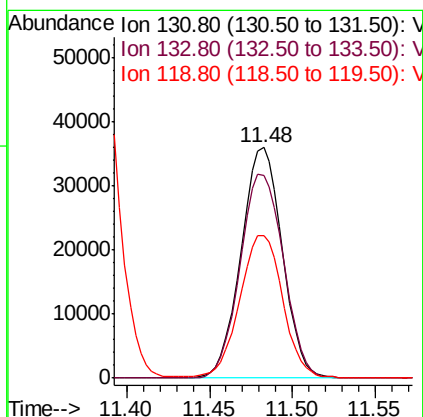
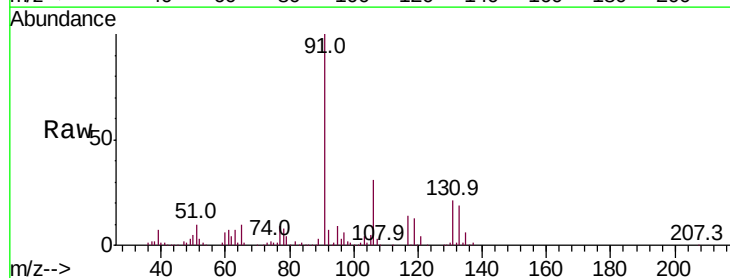
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

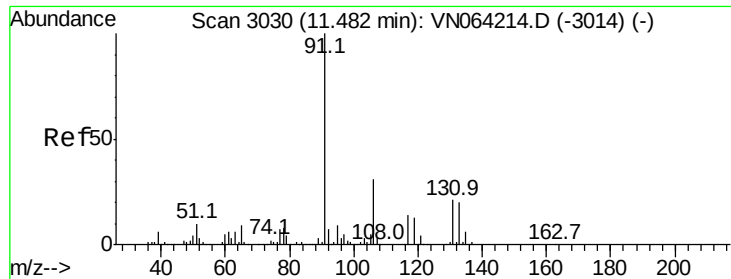
Tot Ion:112 Resp: 154255
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.844 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion:131 Resp: 62119
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.4
119 64.8 32.2 96.6

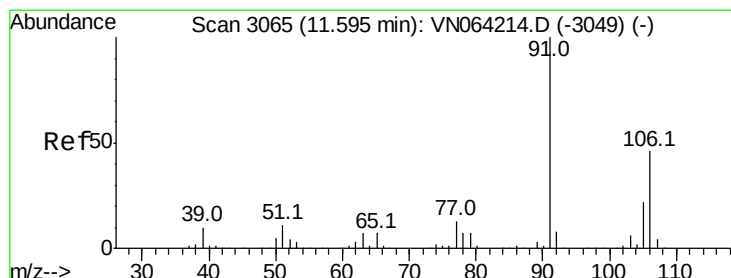
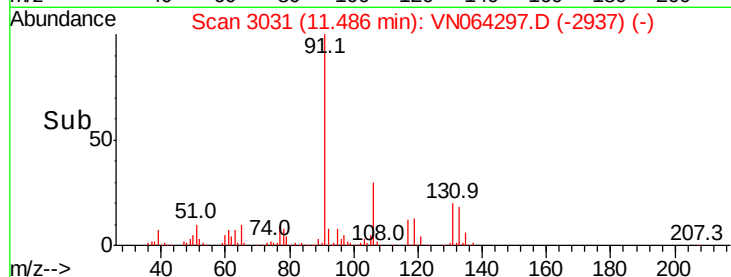
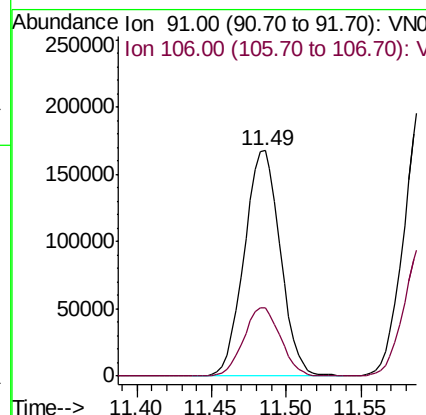
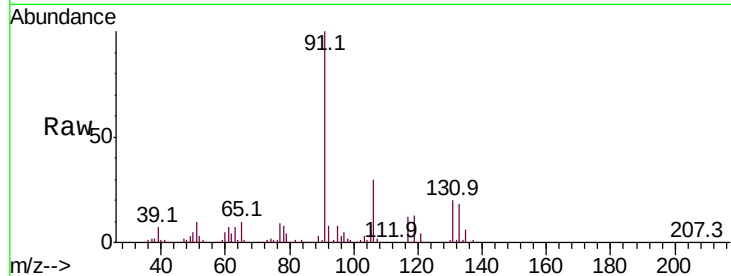




#67
Ethyl Benzene
Concen: 19.478 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

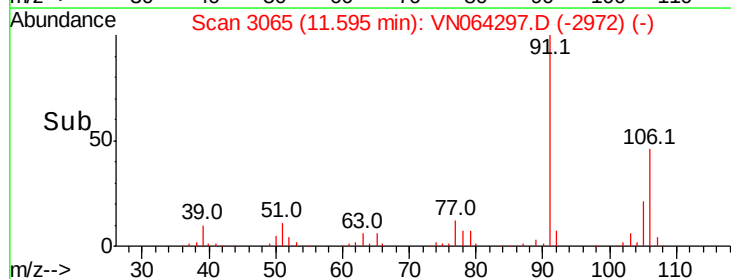
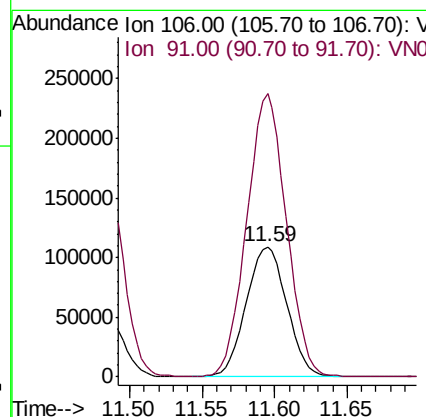
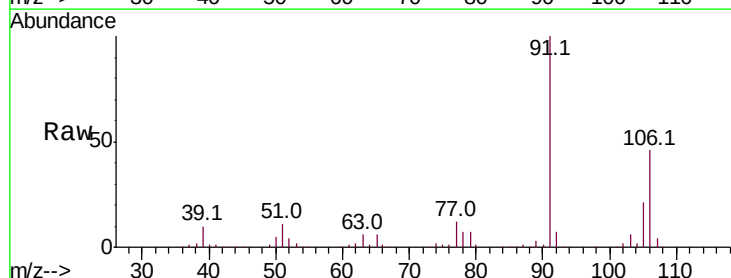
Instrument :
MSVOA_N
ClientSampled :
VN1023WBS02

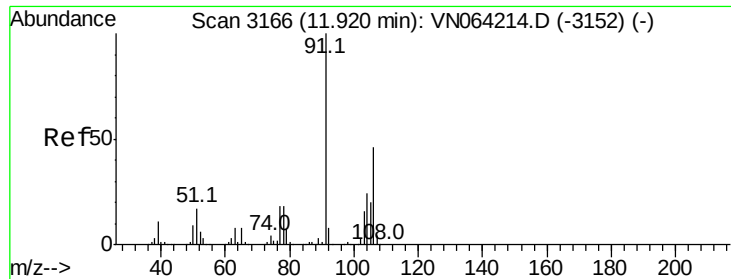
Tot Ion: 91 Resp: 282285
Ion Ratio Lower Upper
91 100
106 30.0 24.8 37.2



#68
m/p-Xylenes
Concen: 39.684 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 106 Resp: 213089
Ion Ratio Lower Upper
106 100
91 211.2 172.2 258.2

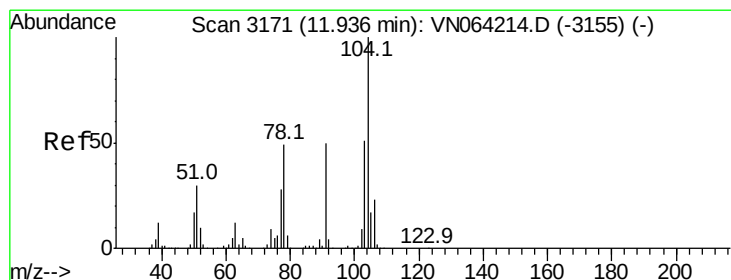
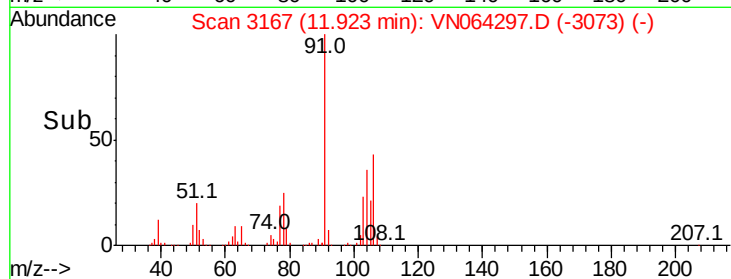
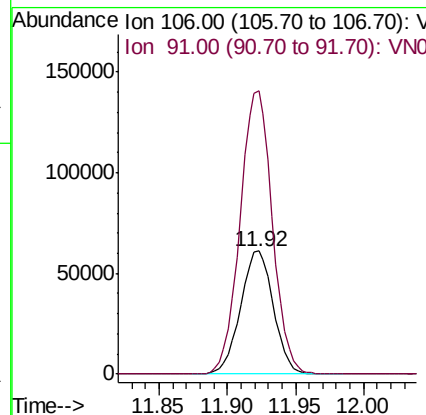
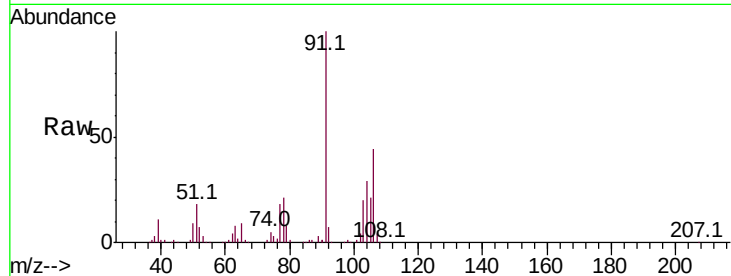




#69
o-Xylene
Concen: 19.642 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

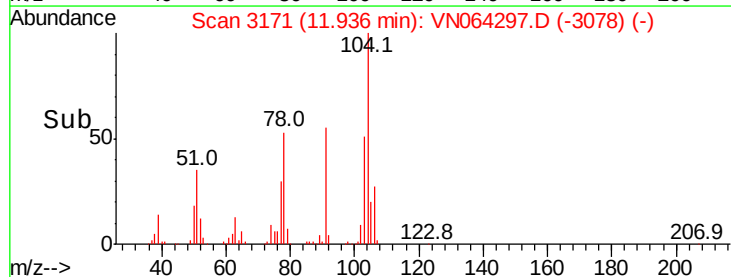
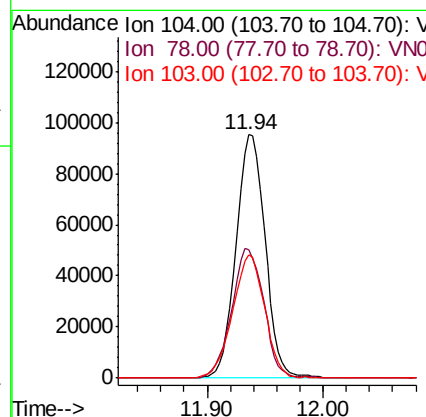
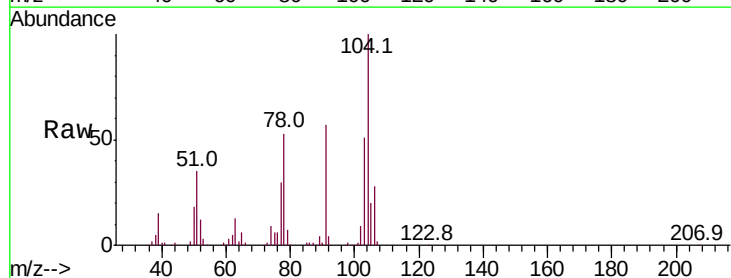
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

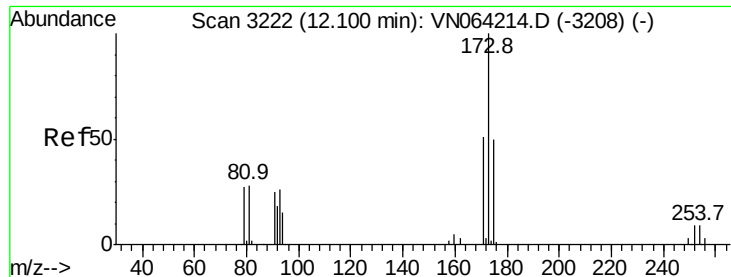
Tot Ion:106 Resp: 102008
Ion Ratio Lower Upper
106 100
91 225.8 109.9 329.6



#70
Styrene
Concen: 19.041 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion:104 Resp: 165750
Ion Ratio Lower Upper
104 100
78 58.3 43.8 65.6
103 55.7 43.4 65.2





#71

Bromoform

Concen: 18.608 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

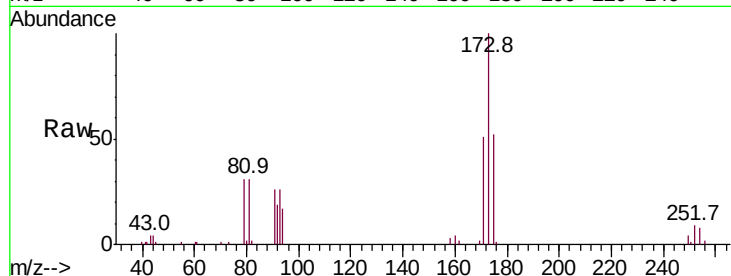
Tot Ion:173 Resp: 44997

Ion Ratio Lower Upper

173 100

175 50.1 25.1 75.3

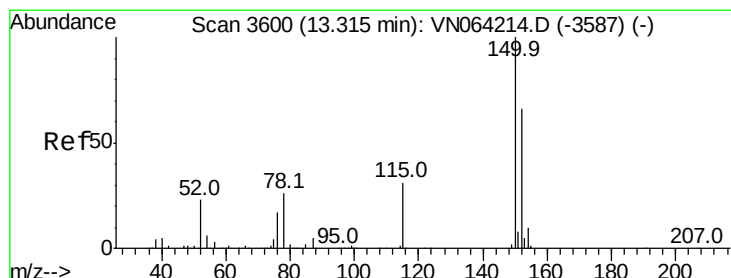
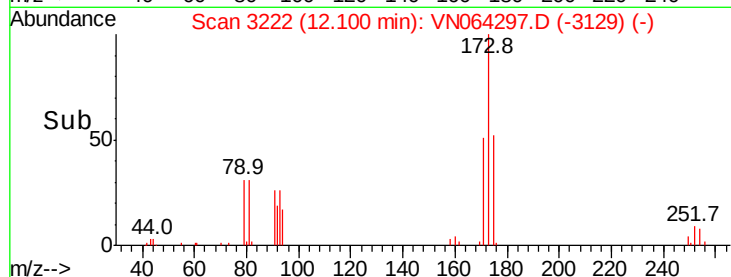
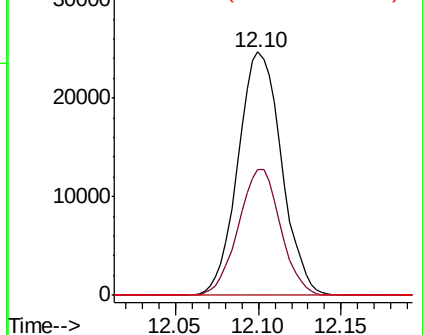
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

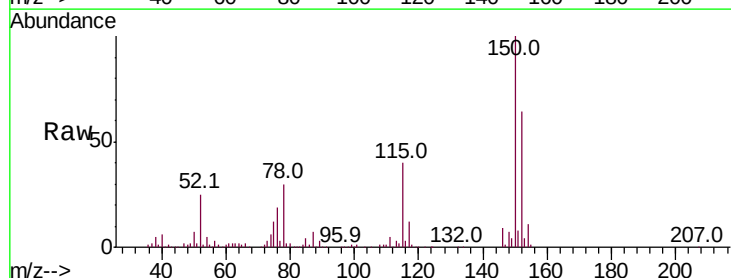
Tgt Ion:152 Resp: 181554

Ion Ratio Lower Upper

152 100

115 65.2 32.0 96.2

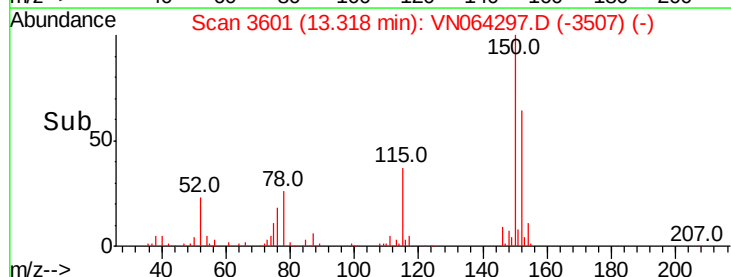
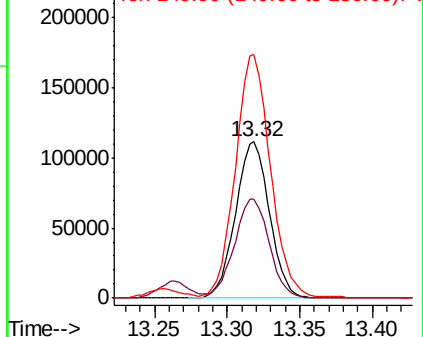
150 159.5 0.0 356.6

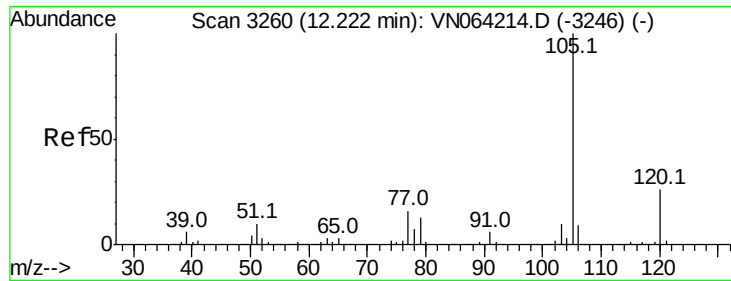


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

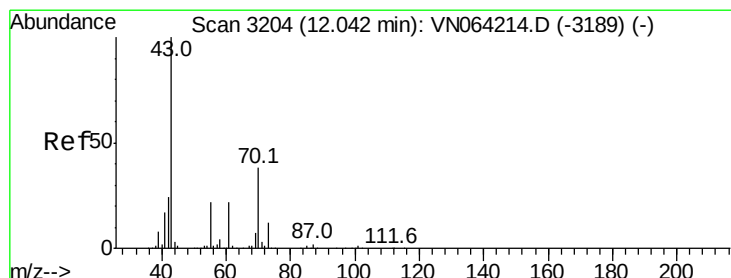
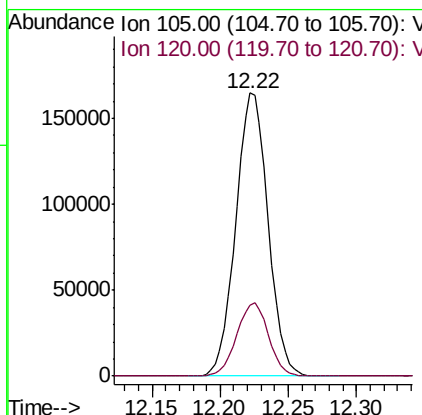
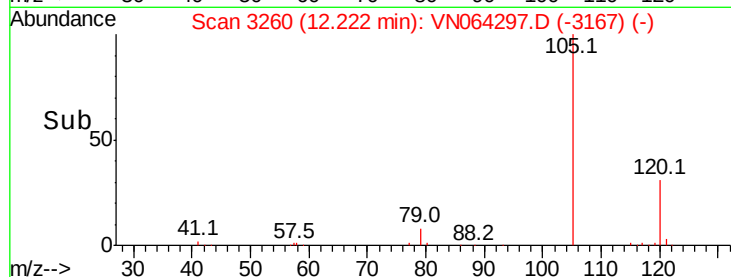
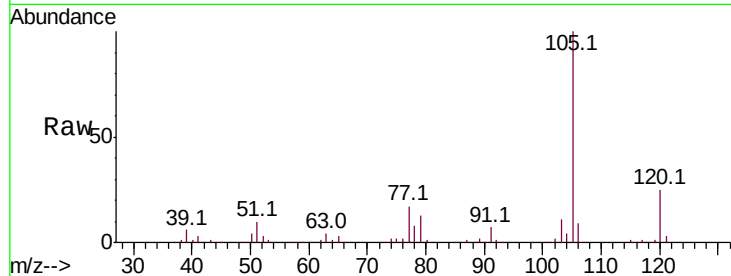




#73
Isopropylbenzene
Concen: 19.503 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

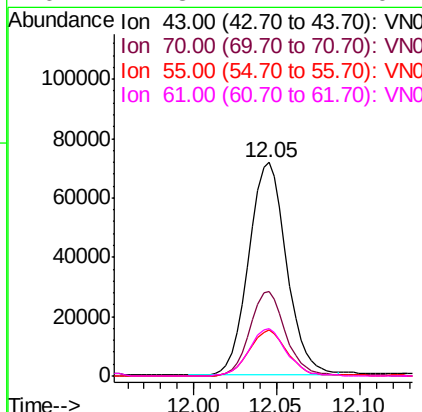
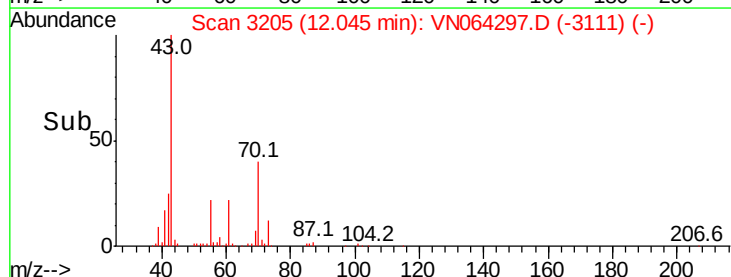
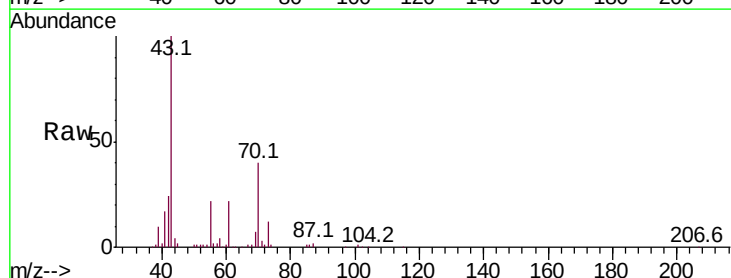
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

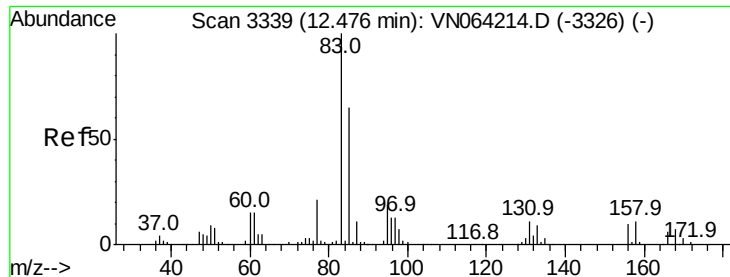
Tot Ion:105 Resp: 270063
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.7



#74
N-ethyl acetate
Concen: 19.027 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 43 Resp: 113845
Ion Ratio Lower Upper
43 100
70 38.1 30.2 45.4
55 21.7 18.0 27.0
61 22.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.963 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

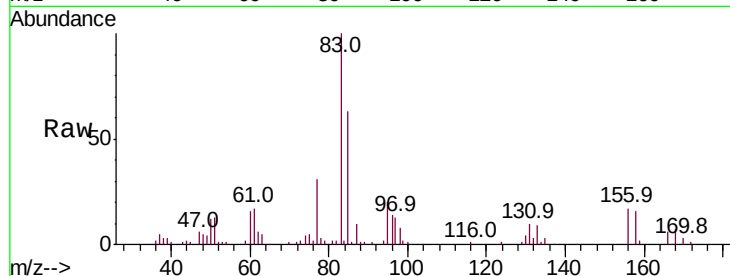
Tot Ion: 83 Resp: 73356

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.7

85 64.0 32.4 97.0

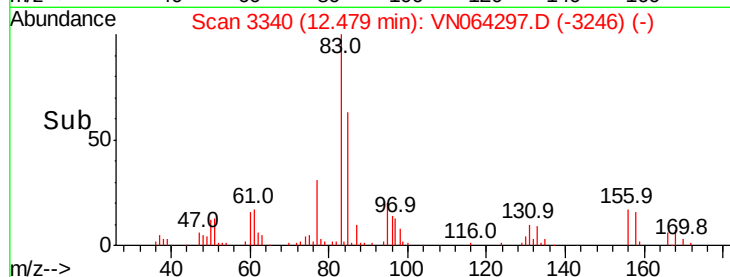


Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-3326) (-)

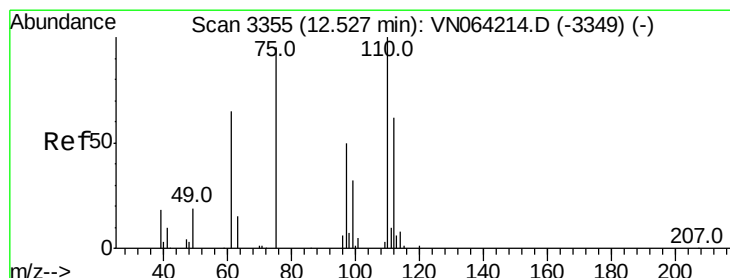
Ion 130.80 (130.50 to 131.50): VN064214.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-3326) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.946 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064297.D

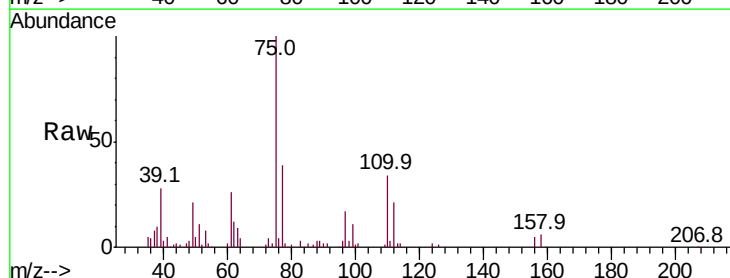
Acq: 23 Oct 2020 20:04

Tgt Ion: 75 Resp: 110788

Ion Ratio Lower Upper

75 100

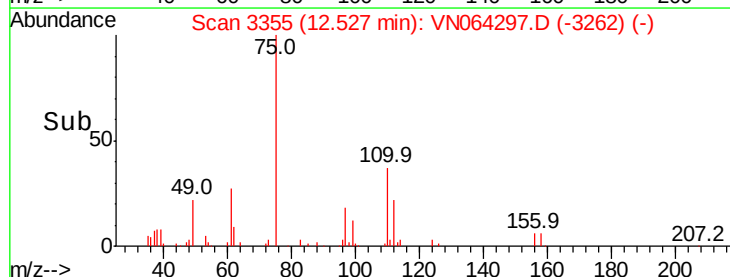
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064214.D (-3349) (-)

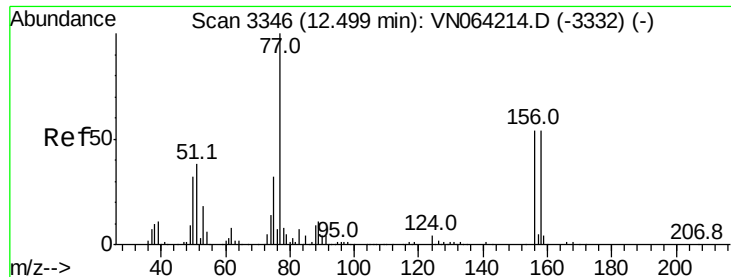
Ion 77.00 (76.70 to 77.70): VN064214.D (-3349) (-)

Time-->



Time-->

Time-->



#77

Bromobenzene

Concen: 19.947 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampled :

VN1023WBS02

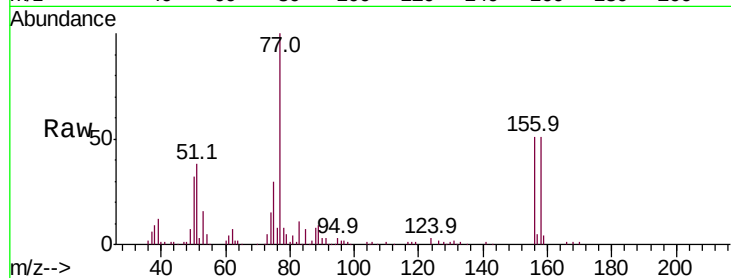
Tot Ion:156 Resp: 65206

Ion Ratio Lower Upper

156 100

77 222.0 111.1 333.4

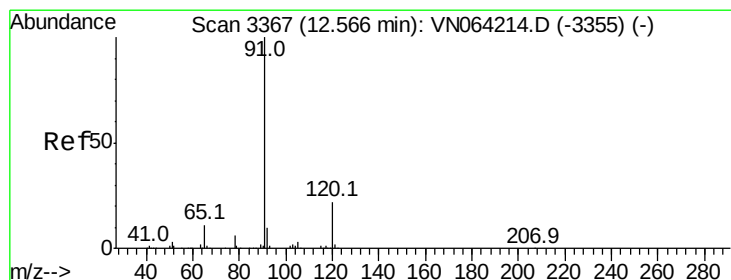
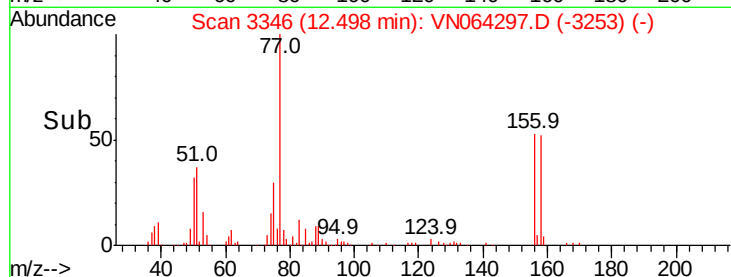
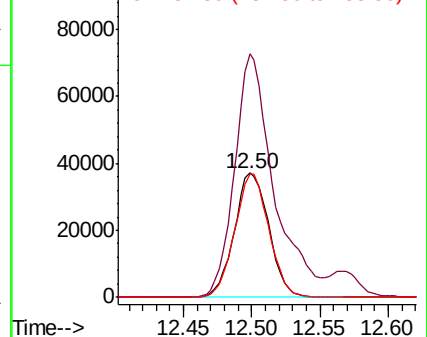
158 98.2 50.0 150.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.488 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064297.D

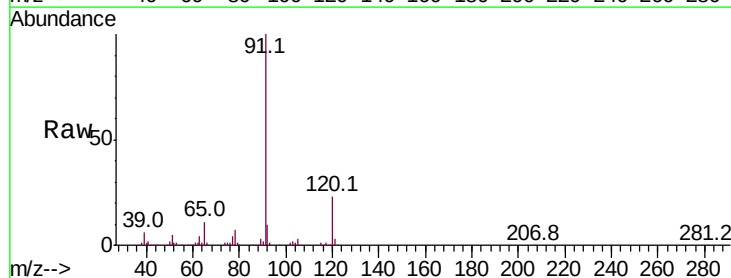
Acq: 23 Oct 2020 20:04

Tgt Ion: 91 Resp: 304261

Ion Ratio Lower Upper

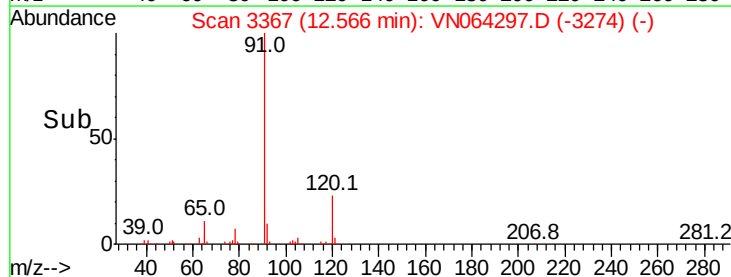
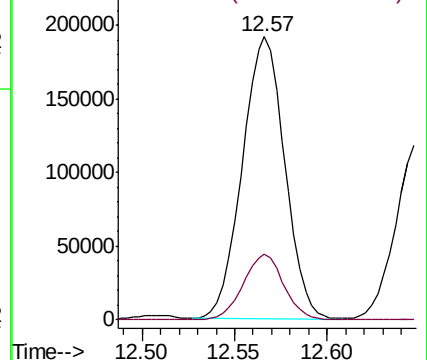
91 100

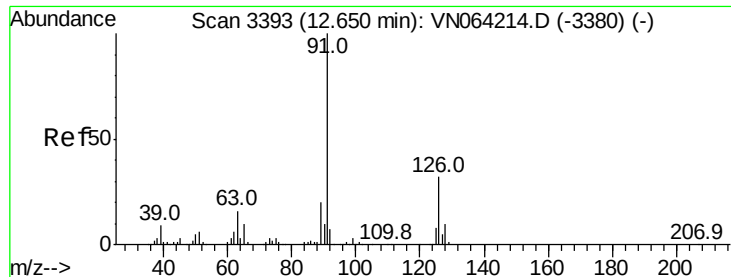
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.940 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

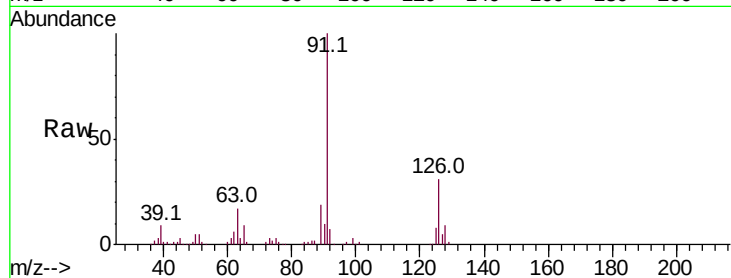
VN1023WBS02

Tot Ion: 91 Resp: 191218

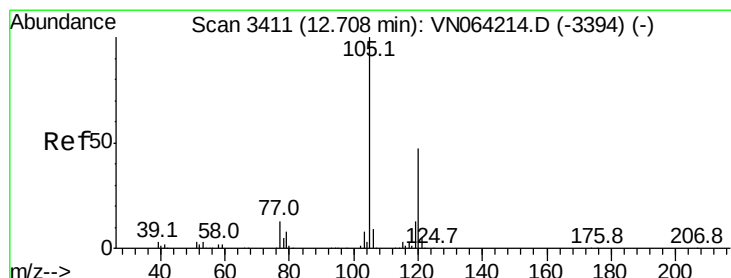
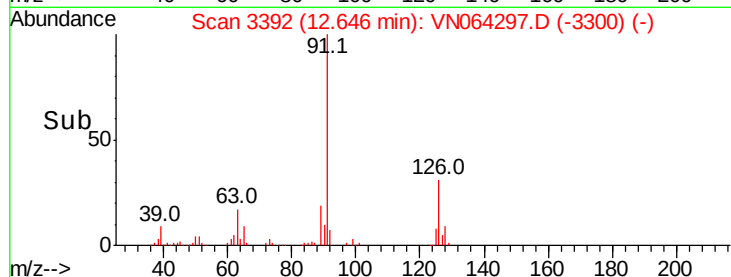
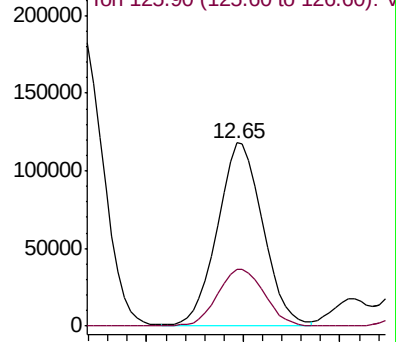
Ion Ratio Lower Upper

91 100

126 32.5 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.840 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064297.D

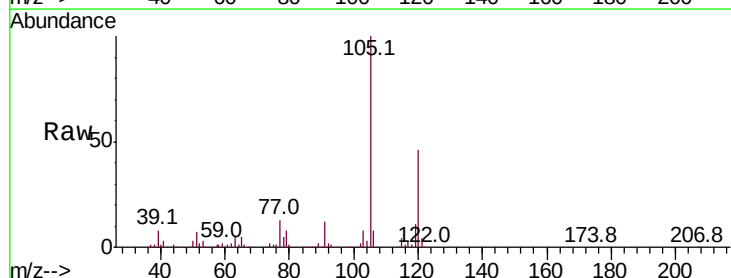
Acq: 23 Oct 2020 20:04

Tgt Ion: 105 Resp: 232260

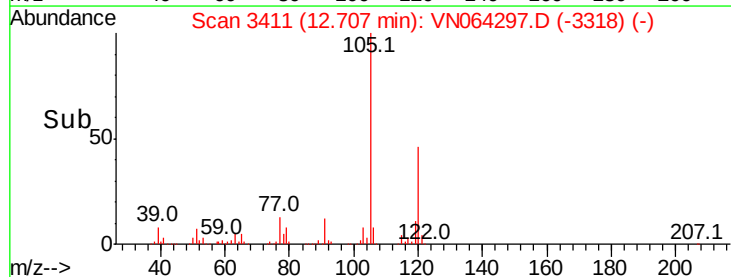
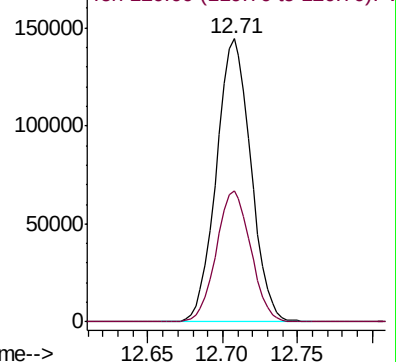
Ion Ratio Lower Upper

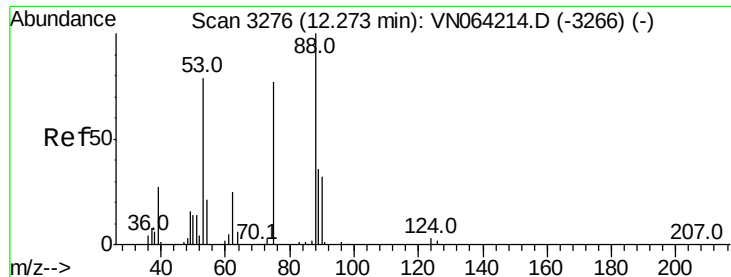
105 100

120 46.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.296 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

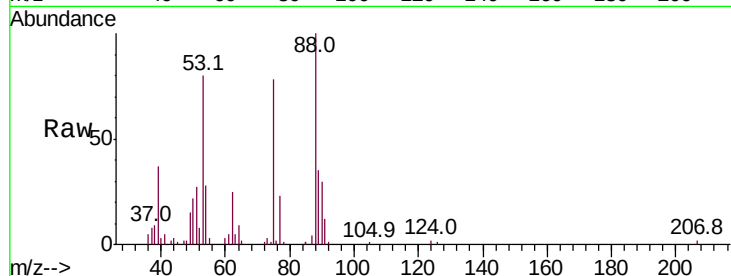
MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion: 75 Resp: 27737

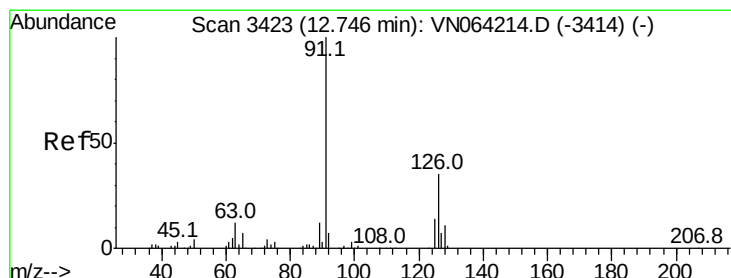
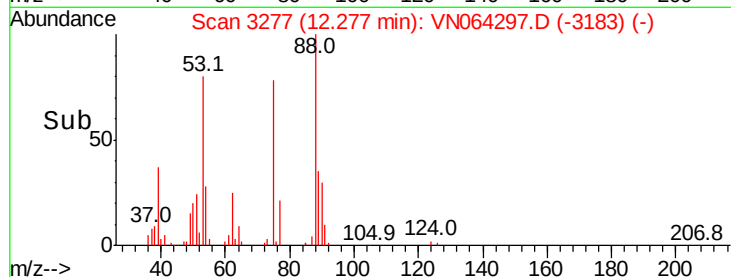
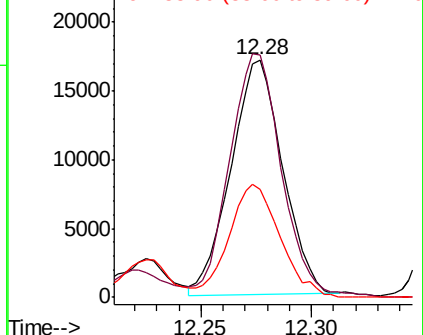
Ion	Ratio	Lower	Upper
75	100		
53	104.8	81.0	121.4
89	47.9	38.7	58.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.246 ug/l

RT: 12.75 min Scan# 3423

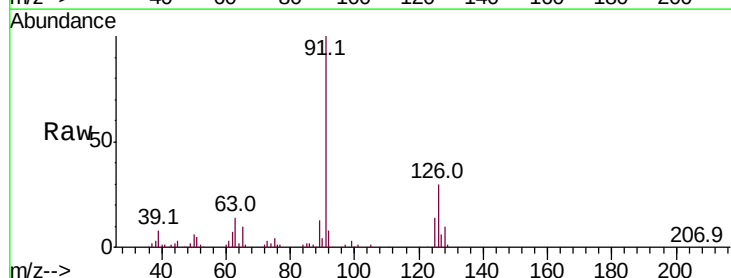
Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

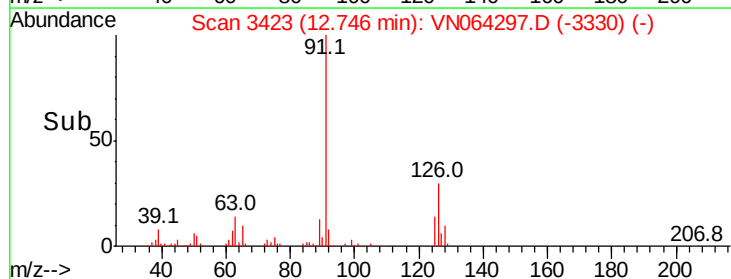
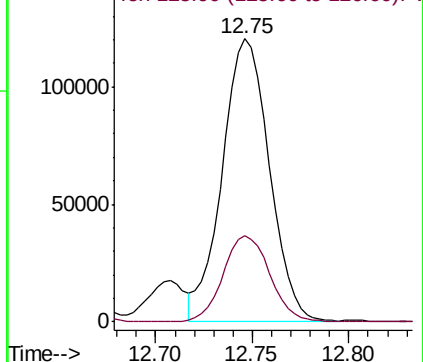
Tgt Ion: 91 Resp: 202520

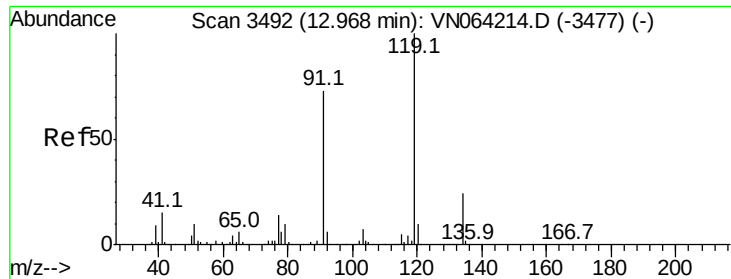
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.8	47.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

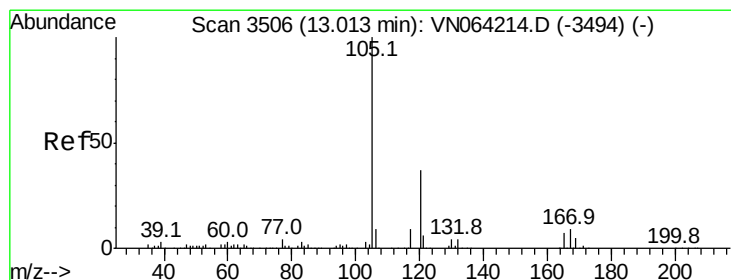
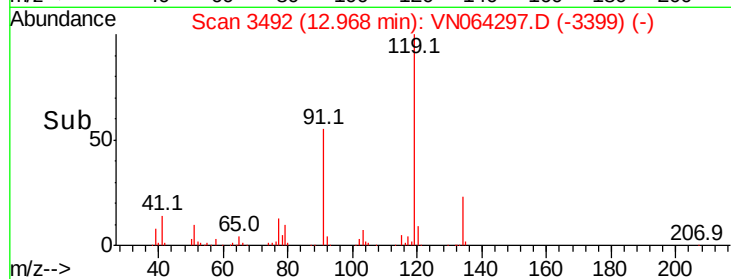
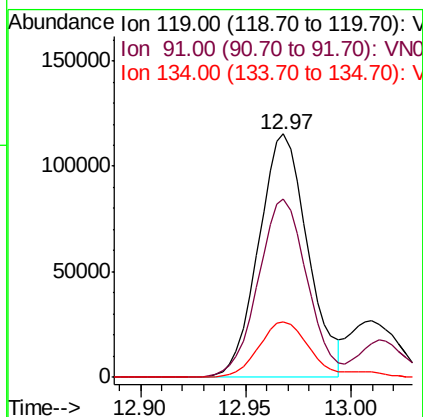
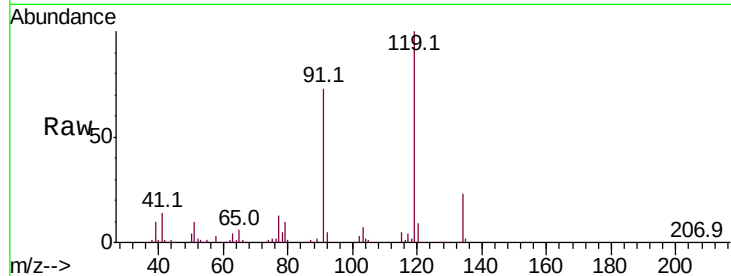




#83
 tert-Butylbenzene
 Concen: 19.500 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

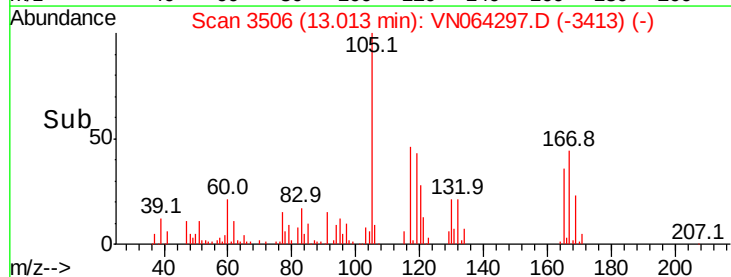
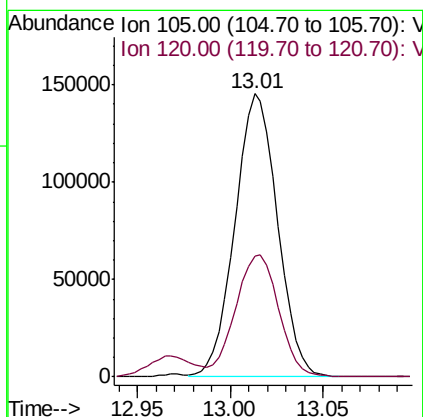
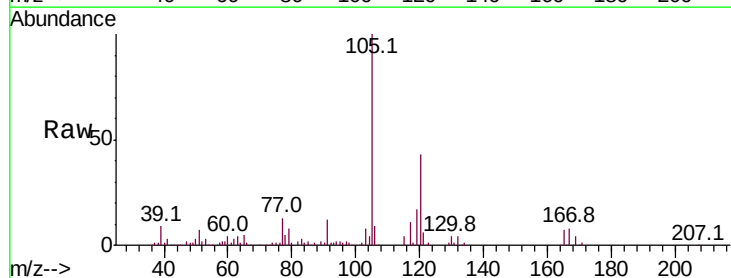
Instrument :
 MSVOA_N
 ClientSampled :
 VN1023WBS02

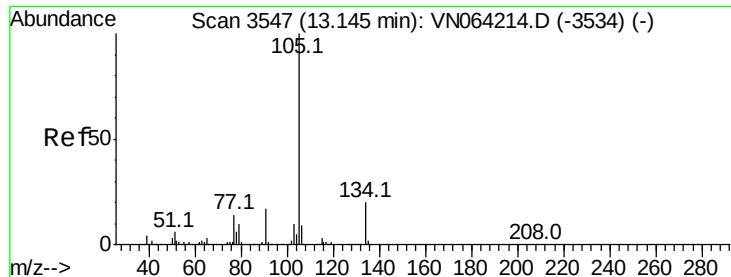
Tot Ion:119 Resp: 187158
 Ion Ratio Lower Upper
 119 100
 91 73.4 35.1 105.3
 134 23.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.694 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion:105 Resp: 229459
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.5 64.5





#85

sec-Butylbenzene

Concen: 19.507 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

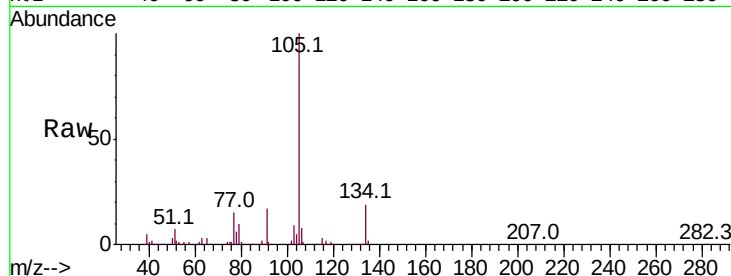
VN1023WBS02

Tot Ion:105 Resp: 236027

Ion Ratio Lower Upper

105 100

134 18.9 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

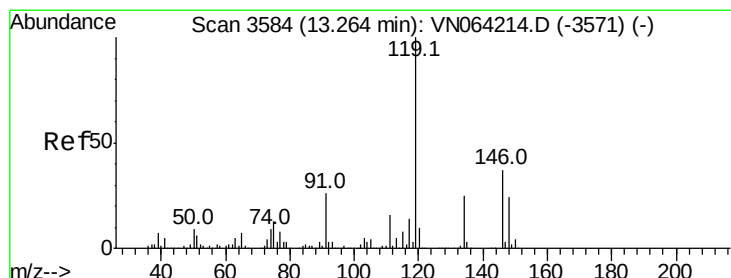
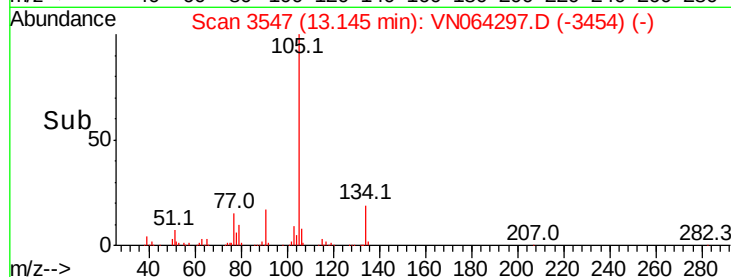
100000

50000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.646 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

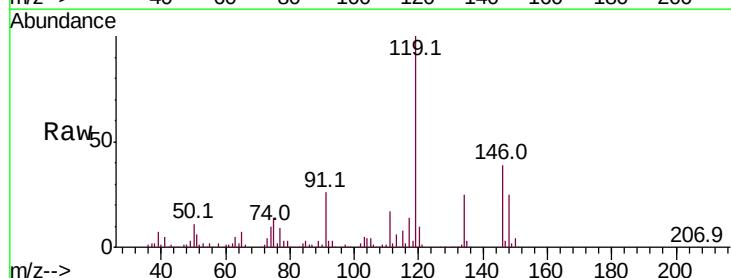
Tgt Ion:119 Resp: 216469

Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 28.0 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

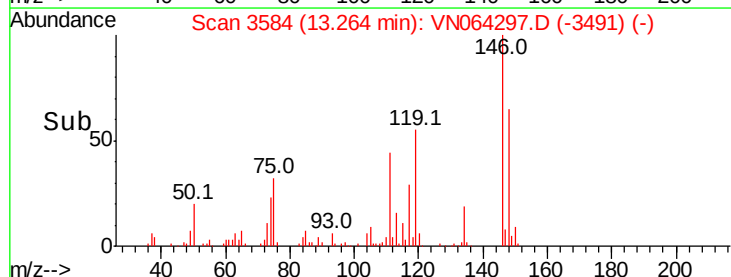
100000

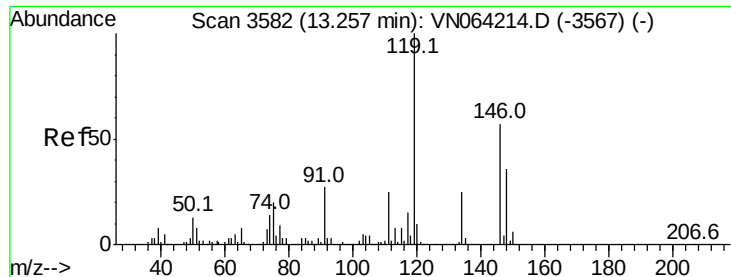
50000

0

13.20 13.25 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.534 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

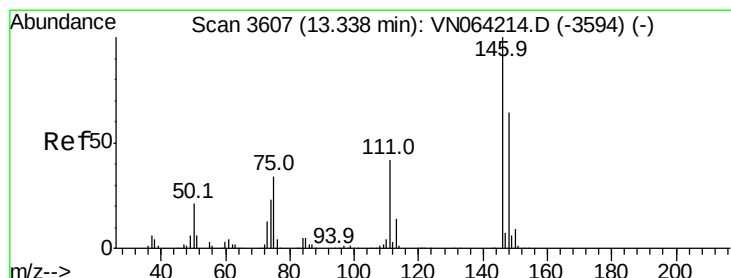
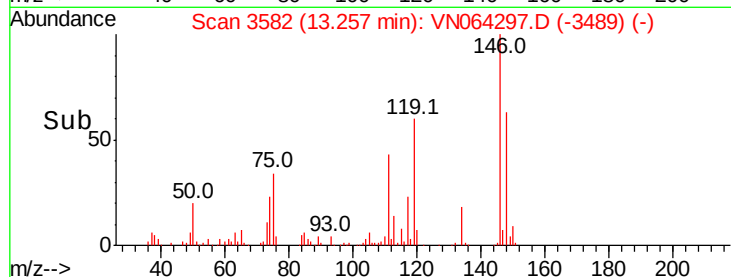
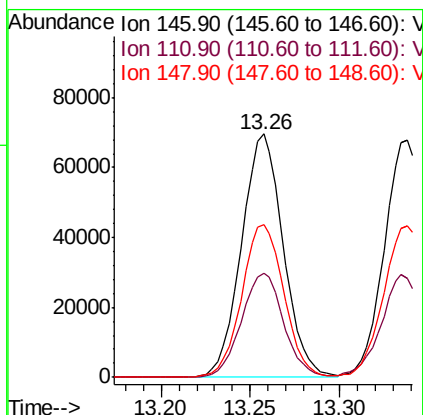
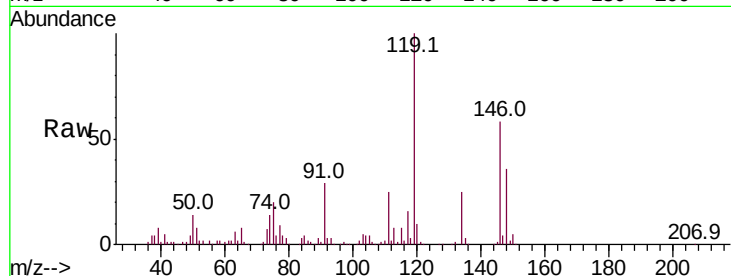
Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion:146 Resp: 113622

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	65.0
148	63.1	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 18.793 ug/l

RT: 13.34 min Scan# 3607

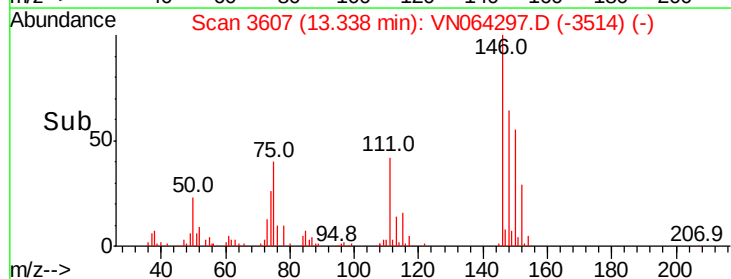
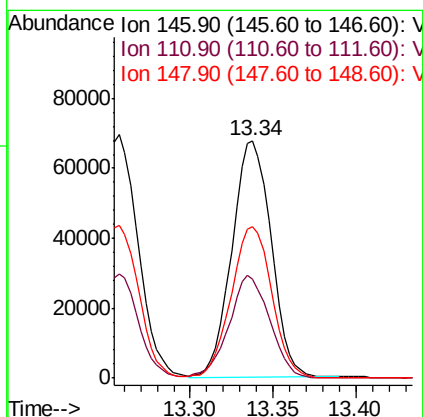
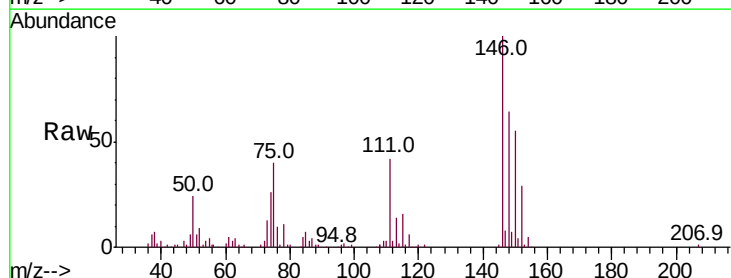
Delta R.T. -0.00 min

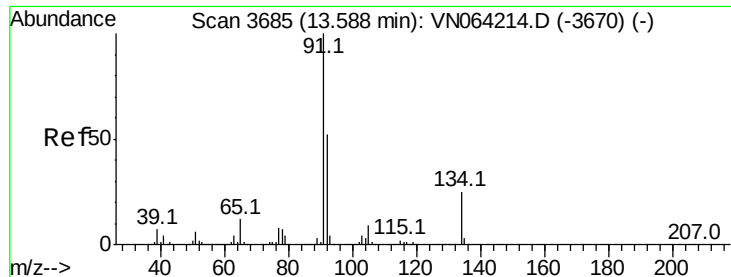
Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion:146 Resp: 111885

Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.5	64.5
148	66.4	32.0	96.0

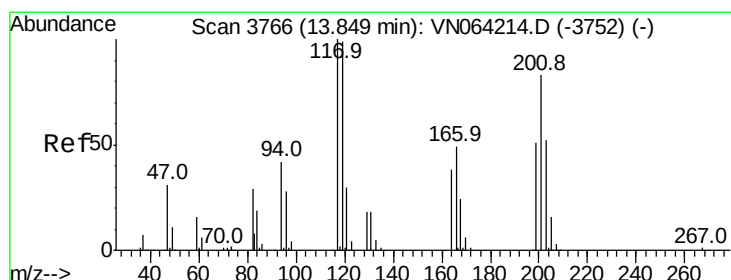
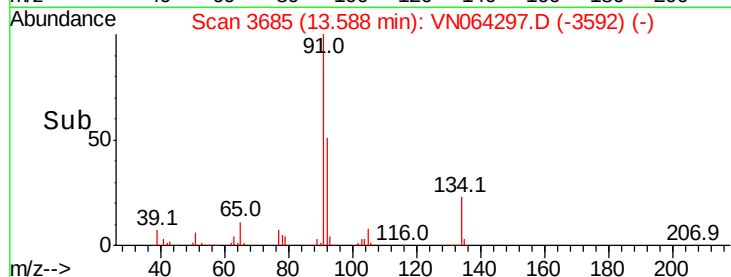
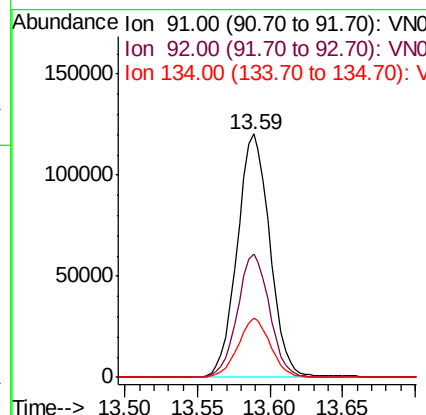
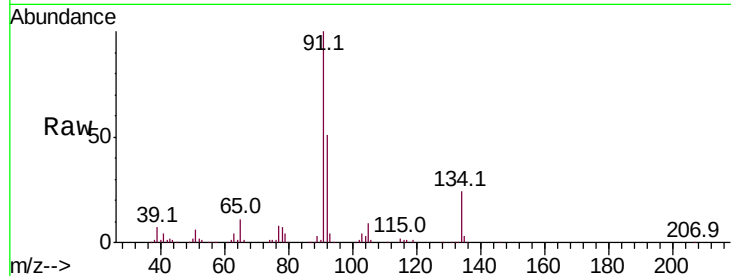




#89
n-Butylbenzene
Concen: 19.083 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

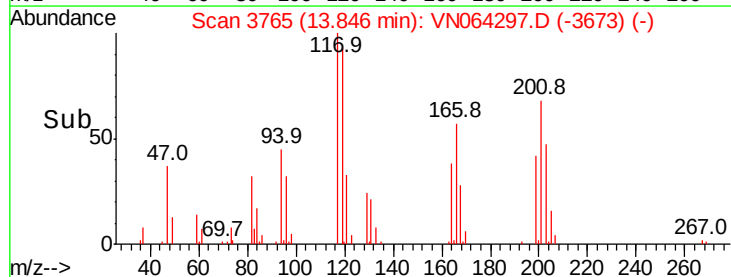
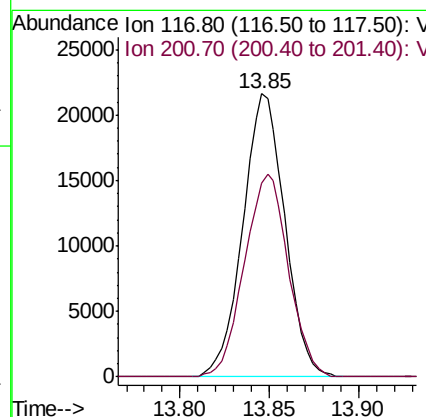
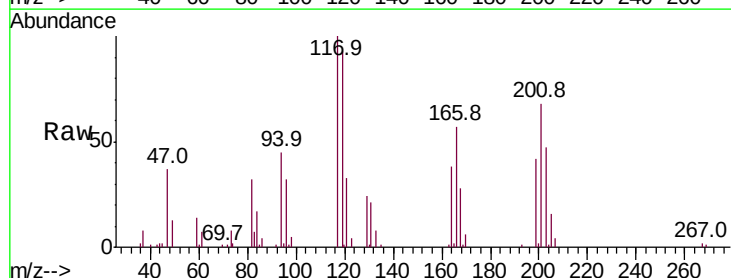
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

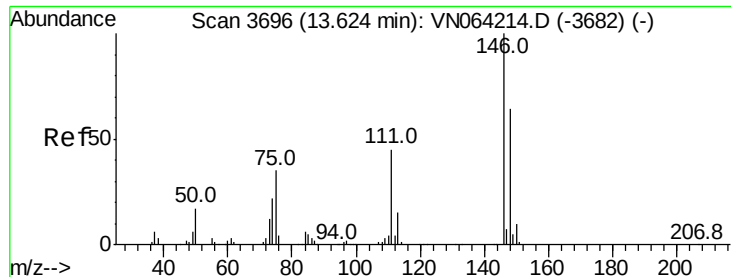
Tot Ion: 91 Resp: 188487
Ion Ratio Lower Upper
91 100
92 49.7 25.7 77.0
134 23.7 12.3 36.8



#90
Hexachloroethane
Concen: 17.807 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 117 Resp: 35534
Ion Ratio Lower Upper
117 100
201 74.9 40.1 120.3

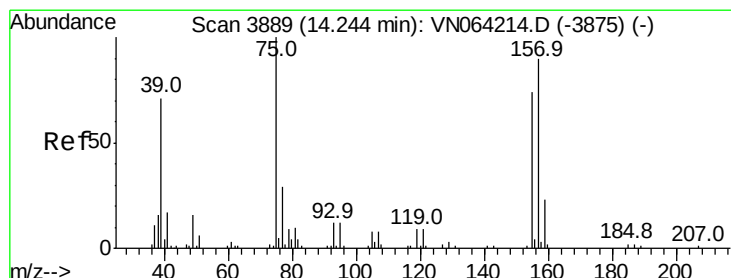
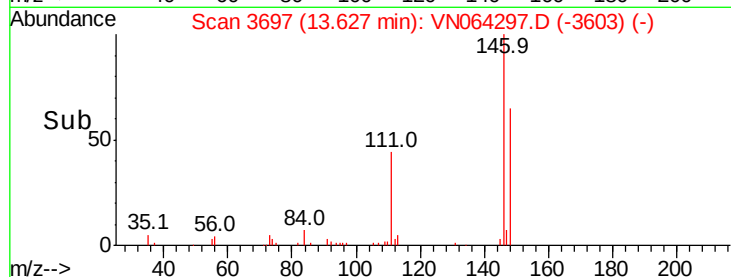
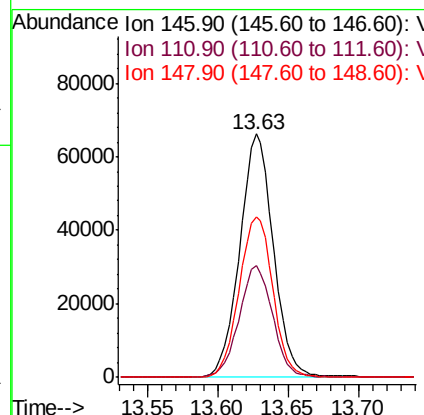
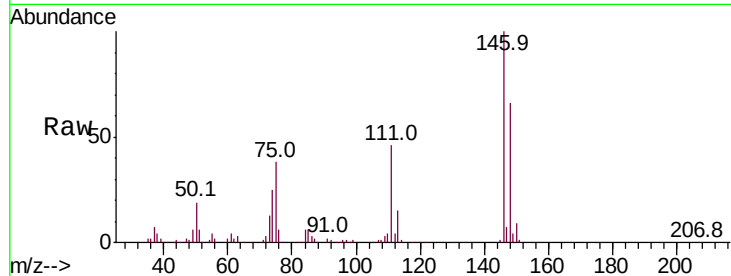




#91
 1,2-Dichlorobenzene
 Concen: 19.384 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

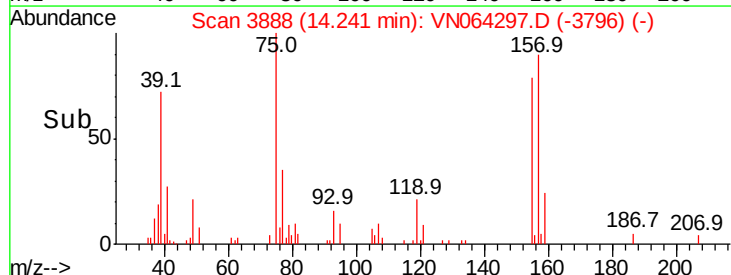
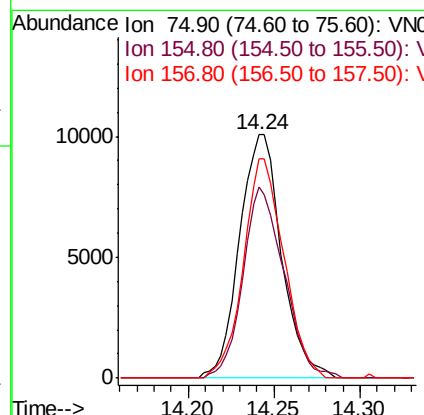
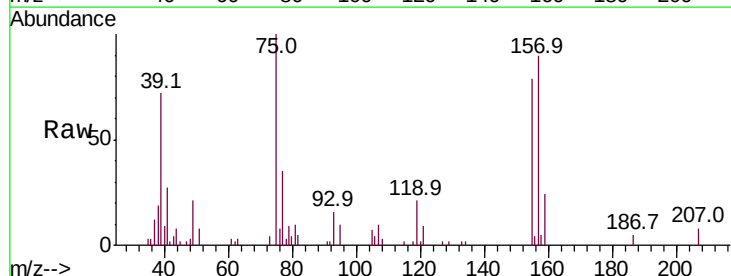
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

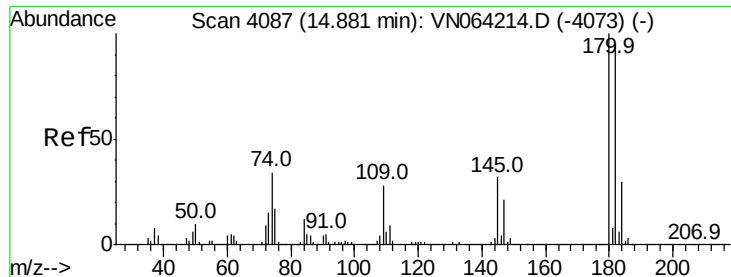
Tot Ion:146 Resp: 110609
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.9 68.7
 148 66.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.747 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion: 75 Resp: 17186
 Ion Ratio Lower Upper
 75 100
 155 76.3 36.9 110.7
 157 86.4 44.6 133.8

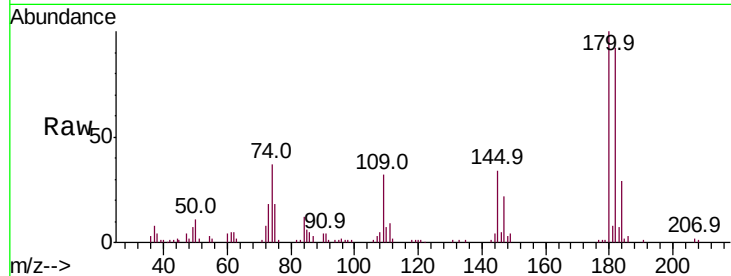




#93
 1,2,4-Trichlorobenzene
 Concen: 19.068 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	46.9	140.7
145	32.3	16.1	48.3

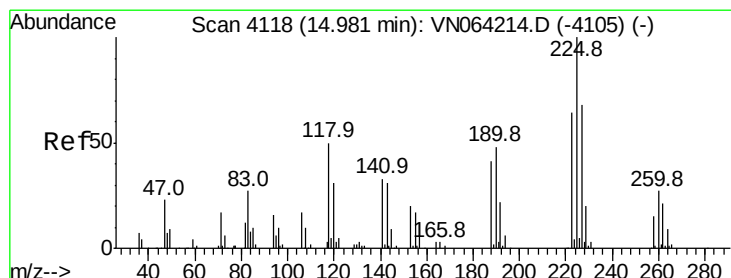
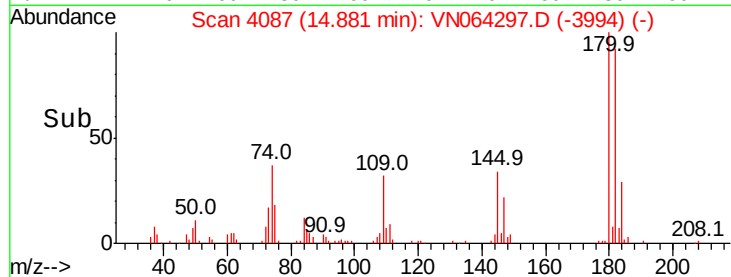
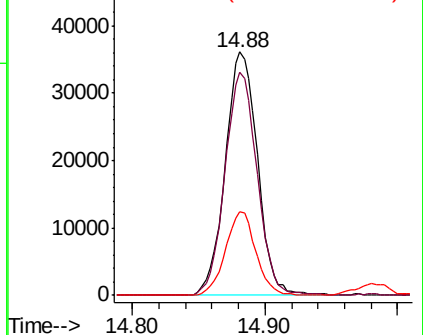


Abundance

Ion 179.80 (179.50 to 180.50): V

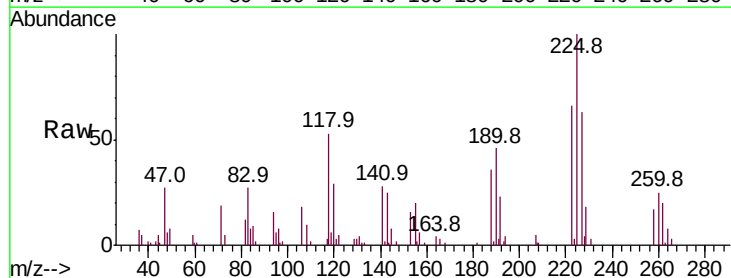
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.960 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.5	94.5
227	62.0	32.1	96.5

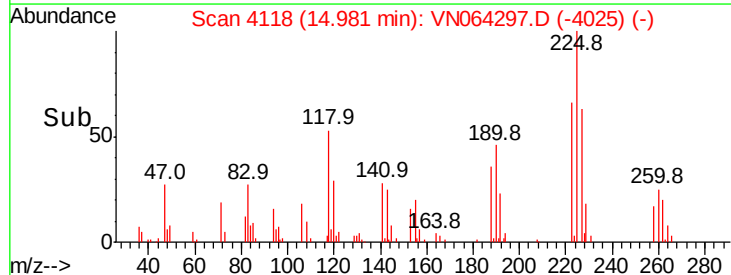
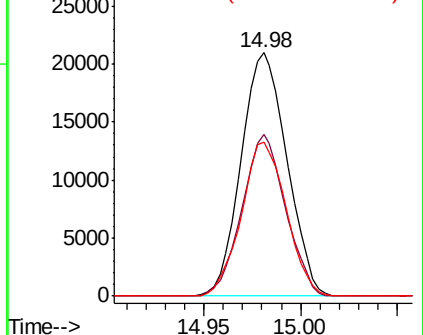


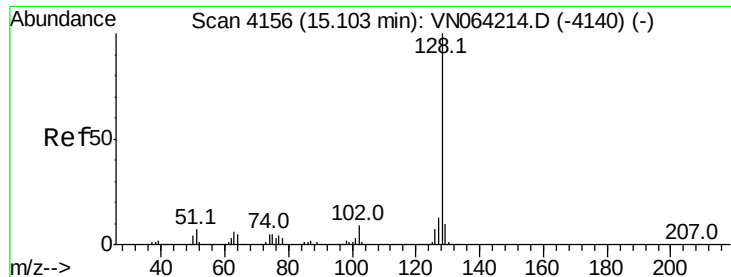
Abundance

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: 18.529 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

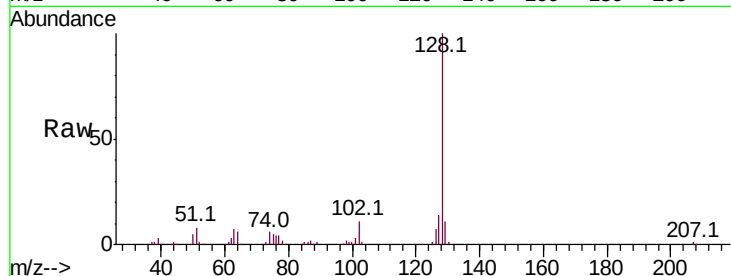
Tot Ion:128 Resp: 177591

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

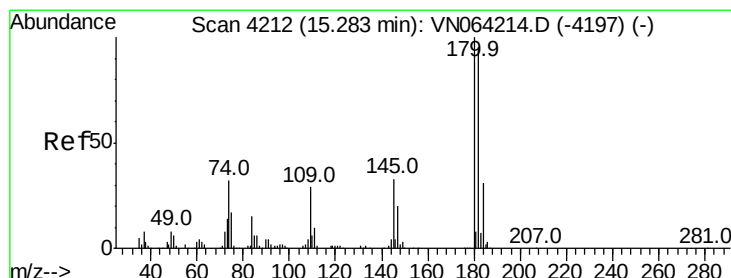
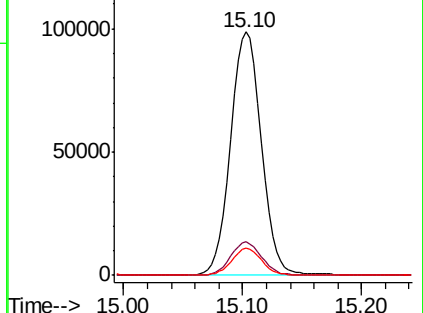
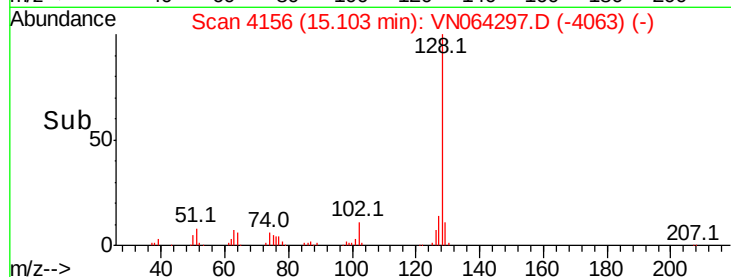
129 11.0 8.6 12.8



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: 17.894 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

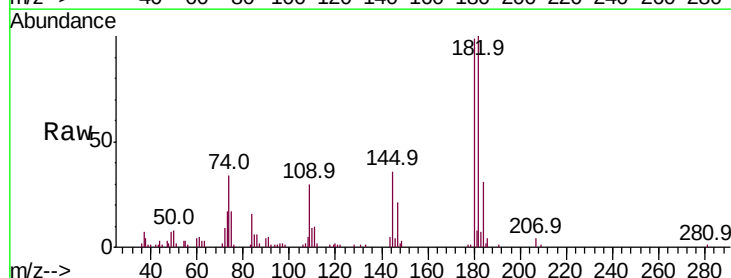
Tgt Ion:180 Resp: 56722

Ion Ratio Lower Upper

180 100

182 100.7 48.0 144.2

145 35.6 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

