

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064423.D
 Acq On : 2 Nov 2020 18:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 03 03:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 03 02:03:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	54642	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	298312	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	270133	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	139212	31.21	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.03%
60) 4-Bromofluorobenzene	12.38	95	135813	29.75	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.17%
63) Toluene-d8	10.06	98	368288	30.57	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	65634	18.676	ug/l 100
3) Chloromethane	2.04	50	65707	18.099	ug/l 96
4) Vinyl Chloride	2.16	62	69152	18.462	ug/l 96
5) Bromomethane	2.54	94	45543	18.630	ug/l 97
6) Chloroethane	2.68	64	40648	18.596	ug/l 98
7) Trichlorofluoromethane	2.99	101	114776	18.497	ug/l 95
8) Diethyl Ether	3.37	74	34878	18.321	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54661	17.699	ug/l 98
10) 1,1-Dichloroethene	3.70	96	52026	17.600	ug/l 90
11) Methyl Iodide	3.91	142	69007	17.392	ug/l 98
12) Methyl Acetate	4.28	43	57170	18.481	ug/l 98
13) Acrolein	3.72	56	110	0.368	ug/l 98
14) Acrylonitrile	4.93	53	125116	89.898	ug/l 97
15) Acetone	3.78	58	35870	74.382	ug/l 97
16) Carbon Disulfide	4.01	76	146675	17.484	ug/l 98
17) Allyl chloride	4.28	41	92043	17.752	ug/l 88
18) Methylene Chloride	4.51	84	61220	17.899	ug/l 95
19) trans-1,2-Dichloroethene	4.99	96	59126	18.173	ug/l 91
20) Diisopropyl ether	5.90	45	200092	18.034	ug/l 94
21) 1,1-Dichloroethane	5.79	63	110942	17.729	ug/l 96
22) cis-1,2-Dichloroethene	6.78	96	67734	17.569	ug/l 98
23) tert-Butyl Alcohol	4.72	59	49673	93.985	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	190669	18.024	ug/l 97
25) Chloroform	7.33	83	121835	18.177	ug/l 93
26) Cyclohexane	7.61	56	86279	17.409	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	86509	18.025	ug/l 87
30) 2-Butanone	6.78	43	185217	85.005	ug/l 99
31) 2,2-Dichloropropane	6.77	77	102785	17.446	ug/l # 86
32) 1,1,1-Trichloroethane	7.53	97	113520	18.044	ug/l 98
33) Carbon Tetrachloride	7.73	117	100292	17.695	ug/l 98
34) Benzene	8.00	78	248362	18.264	ug/l 94
35) Methacrylonitrile	7.13	41	41050	19.057	ug/l 83
36) 1,2-Dichloroethane	8.08	62	103339	18.376	ug/l 99
37) Trichloroethene	8.80	130	68344	17.902	ug/l 96
38) Methylcyclohexane	9.05	83	76114	17.485	ug/l 97
39) 1,2-Dichloropropane	9.08	63	67132	19.242	ug/l 91
40) Dibromomethane	9.17	93	46425	18.360	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	97463	18.248	ug/l	98
42) Vinyl Acetate	5.84	43	850073	92.158	ug/l	100
43) Ethyl Acetate	6.88	43	81866	19.402	ug/l #	85
45) 1,4-Dioxane	9.16	88	19037	361.458	ug/l	94
46) Methyl methacrylate	9.16	41	67274	18.156	ug/l	97
47) n-amyl Acetate	12.05	43	111130	17.409	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	103341	17.532	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	109603	17.970	ug/l	90
50) 1,1,2-Trichloroethane	10.53	97	62539	18.420	ug/l	95
51) Ethyl methacrylate	10.40	69	84367	17.299	ug/l	97
52) 1,3-Dichloropropane	10.68	76	102697	17.937	ug/l	99
53) Dibromochloromethane	10.87	129	72839	17.466	ug/l	98
54) 1,2-Dibromoethane	10.98	107	65723	18.085	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	224709	85.726	ug/l	99
56) Bromoform	12.10	173	50751	17.254	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	401838	93.981	ug/l	99
59) 2-Hexanone	10.72	43	286324	89.972	ug/l	99
61) Tetrachloroethene	10.60	164	65962	18.013	ug/l	97
62) Toluene	10.12	91	268295	17.732	ug/l	100
64) Chlorobenzene	11.41	112	171778	18.135	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	69693	18.937	ug/l	96
66) Ethyl Benzene	11.48	91	294220	17.622	ug/l	96
67) m/p-Xylenes	11.59	106	221803	35.319	ug/l	99
68) o-Xylene	11.92	106	106697	17.630	ug/l	94
69) Styrene	11.94	104	175253	17.367	ug/l	99
70) Isopropylbenzene	12.22	105	278572	17.792	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	82297	18.902	ug/l	99
72) 1,2,3-Trichloropropane	12.52	75	114983	25.294	ug/l	61
73) Bromobenzene	12.50	156	73389	18.066	ug/l	100
74) n-propylbenzene	12.56	91	307493	17.911	ug/l	97
75) 2-Chlorotoluene	12.65	91	197958	18.202	ug/l	99
76) 1,3,5-Trimethylbenzene	12.70	105	229150	17.767	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	26525	16.552	ug/l	89
78) 4-Chlorotoluene	12.75	91	200706	17.863	ug/l	97
79) tert-butylbenzene	12.97	119	179015	17.354	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	231345	17.704	ug/l	98
81) sec-Butylbenzene	13.14	105	228023	17.524	ug/l	100
82) p-Isopropyltoluene	13.26	119	209779	17.546	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	120141	17.408	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	121715	17.509	ug/l	97
85) n-Butylbenzene	13.59	91	161658	16.940	ug/l	98
86) Hexachloroethane	13.85	117	37842	16.878	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	117451	17.627	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	18229	19.437	ug/l	89
89) 1,2,4-Trichlorobenzene	14.88	180	51530	15.815	ug/l	91
90) Hexachlorobutadiene	14.98	225	29599	17.069	ug/l	94
91) Naphthalene	15.10	128	154209	15.932	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	52001	16.140	ug/l	98

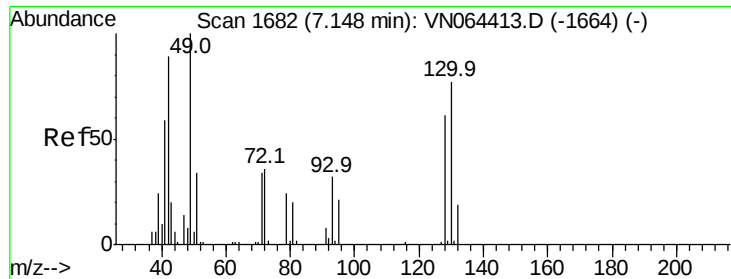
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

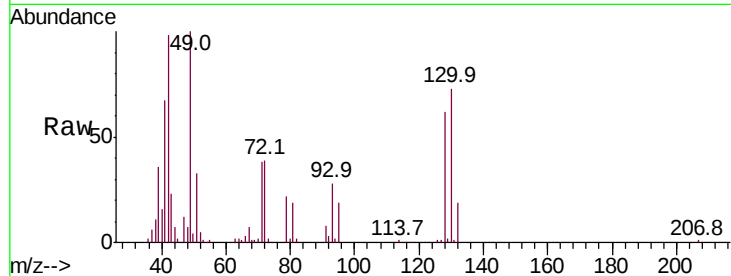
Tot Ion:128 Resp: 54642

Ion Ratio Lower Upper

128 100

49 168.9 0.0 423.5

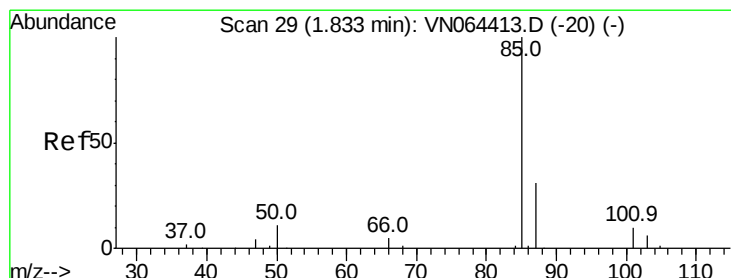
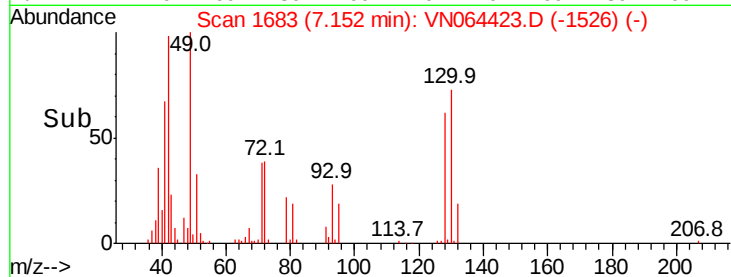
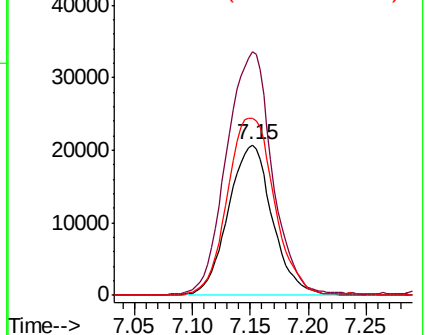
130 126.1 0.0 325.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.676 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064423.D

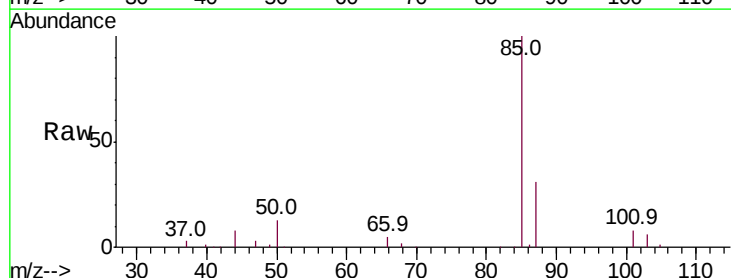
Acq: 2 Nov 2020 18:48

Tgt Ion: 85 Resp: 65634

Ion Ratio Lower Upper

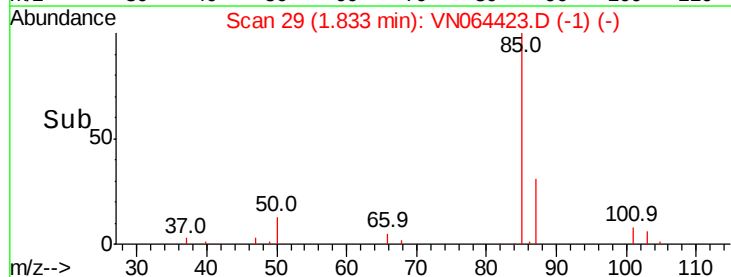
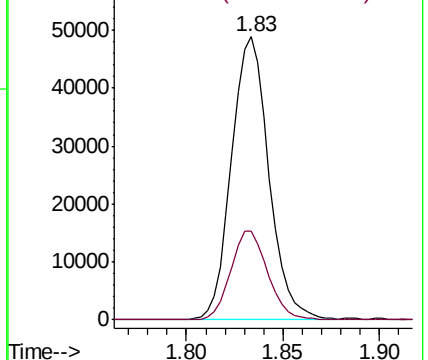
85 100

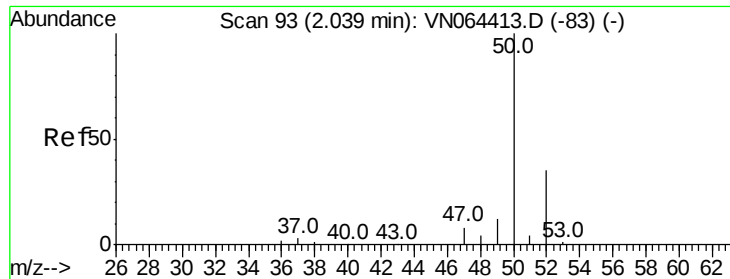
87 31.3 15.7 47.1



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 18.099 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

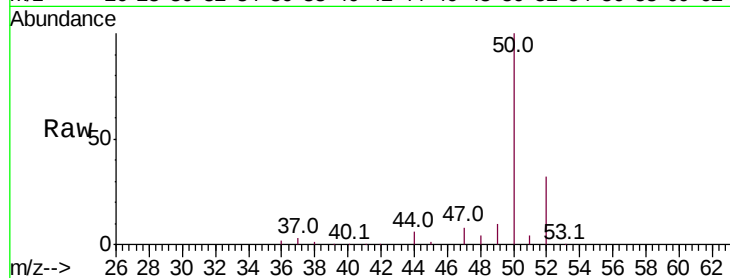
VSTDCCC020EC

Tot Ion: 50 Resp: 65707

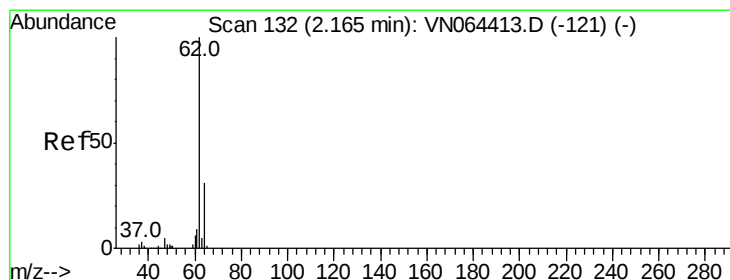
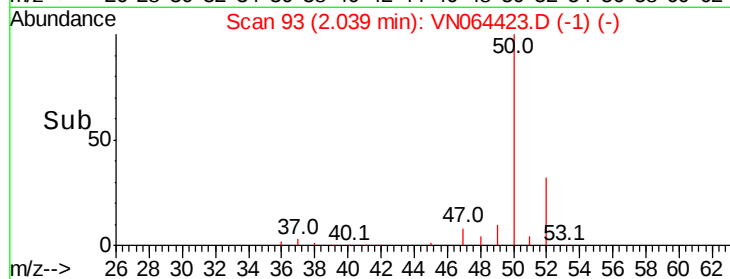
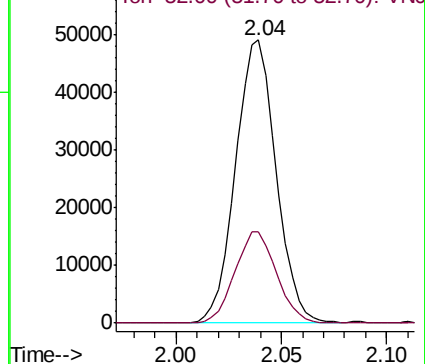
Ion Ratio Lower Upper

50 100

52 32.1 27.7 41.5



Abundance Ion 50.00 (49.70 to 50.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



#4

Vinyl Chloride

Concen: 18.462 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064423.D

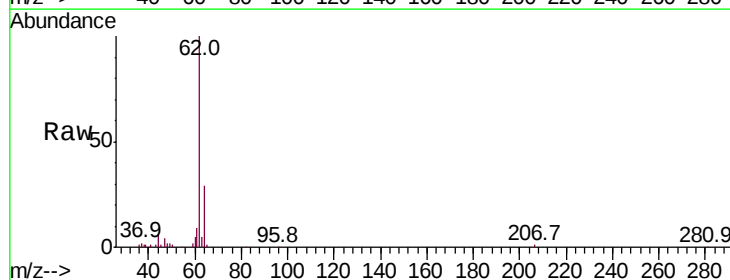
Acq: 2 Nov 2020 18:48

Tgt Ion: 62 Resp: 69152

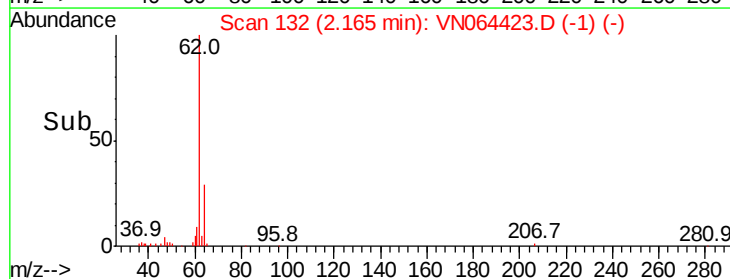
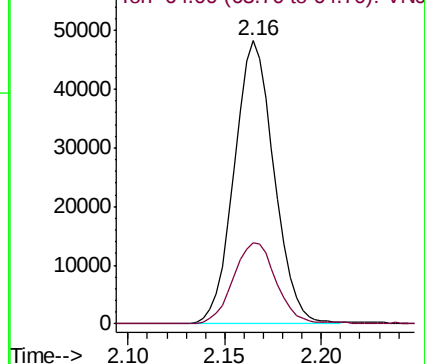
Ion Ratio Lower Upper

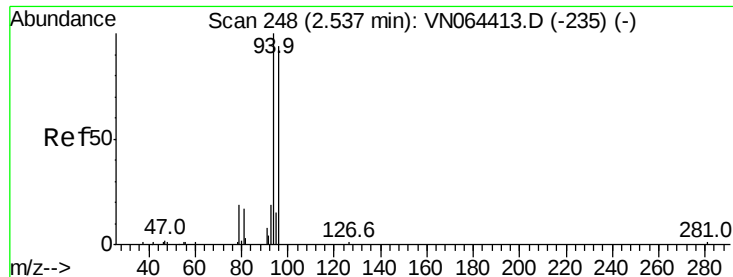
62 100

64 28.6 24.5 36.7



Abundance Ion 62.00 (61.70 to 62.70): VNO
Ion 64.00 (63.70 to 64.70): VNO





#5

Bromomethane

Concen: 18.630 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

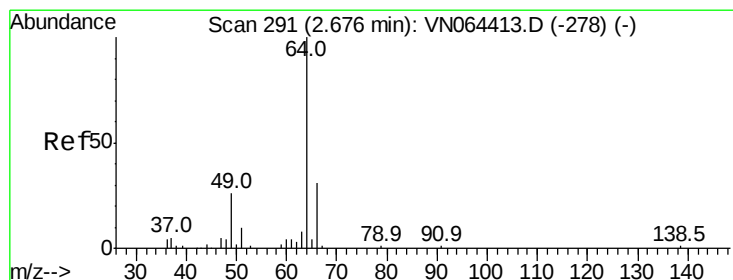
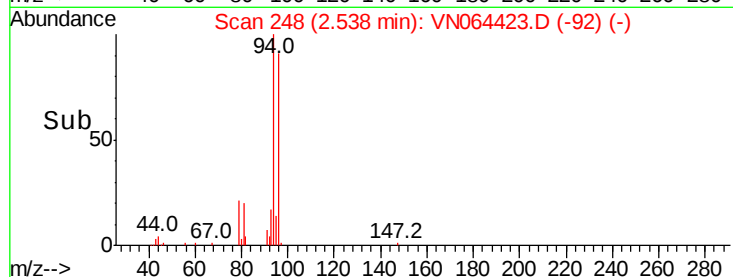
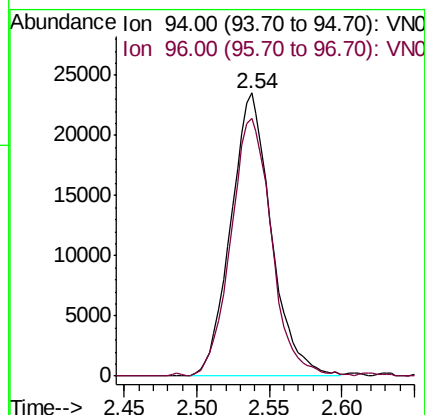
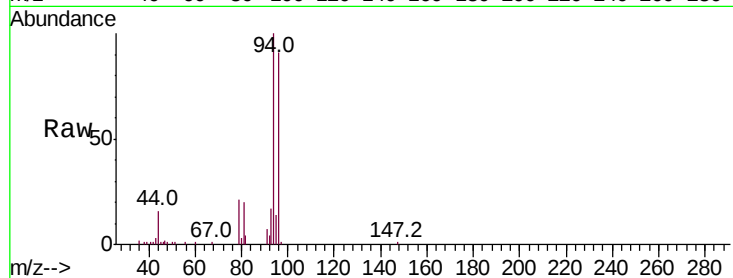
VSTDCCC020EC

Tot Ion: 94 Resp: 45543

Ion Ratio Lower Upper

94 100

96 91.1 75.2 112.8



#6

Chloroethane

Concen: 18.596 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064423.D

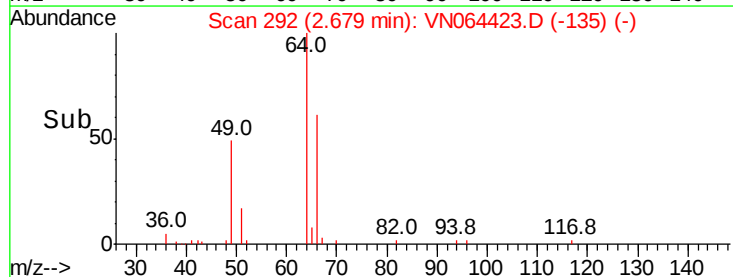
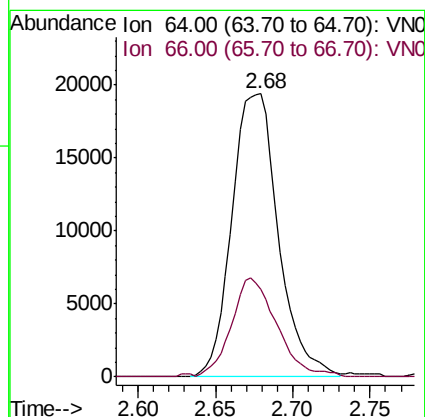
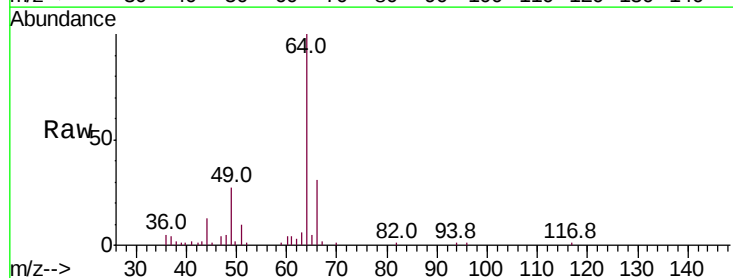
Acq: 2 Nov 2020 18:48

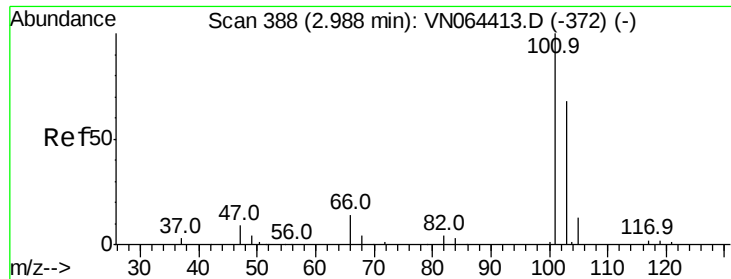
Tgt Ion: 64 Resp: 40648

Ion Ratio Lower Upper

64 100

66 30.2 25.0 37.4



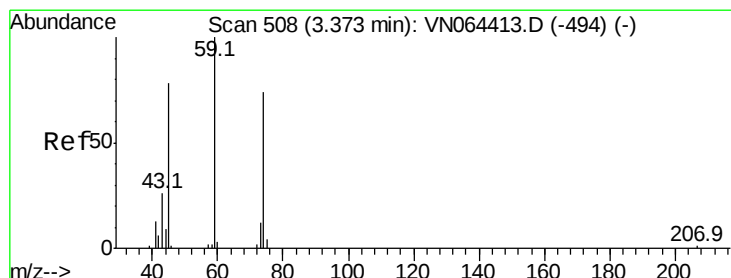
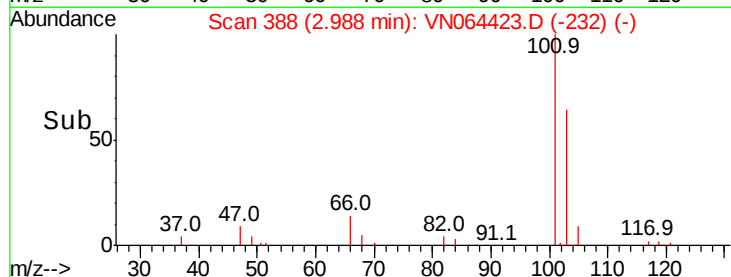
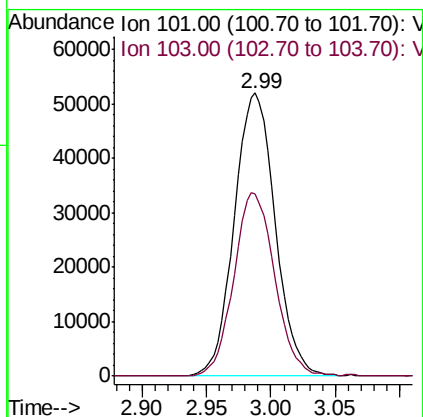
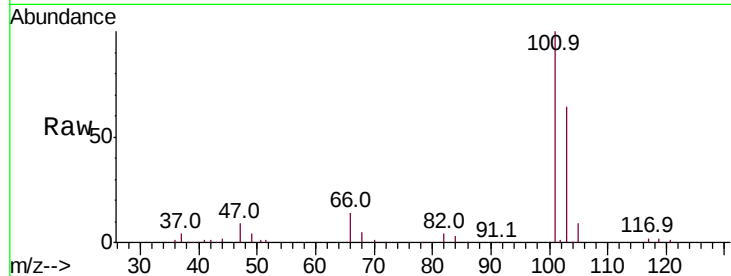


#7

Trichlorofluoromethane
 Concen: 18.497 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064423.D
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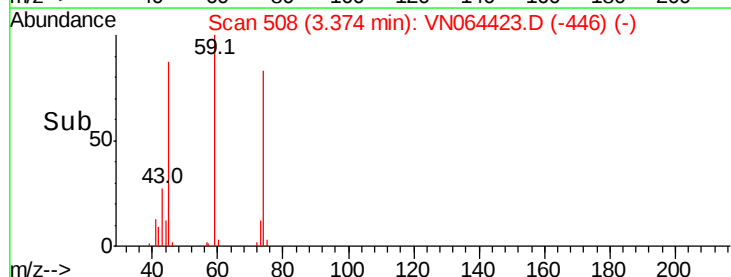
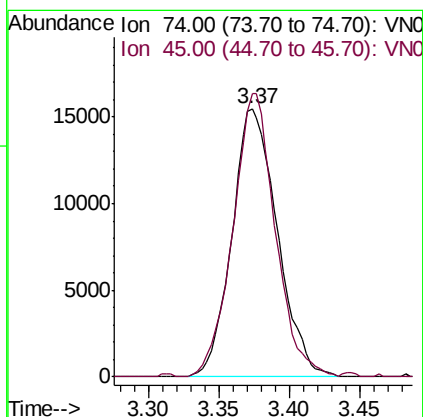
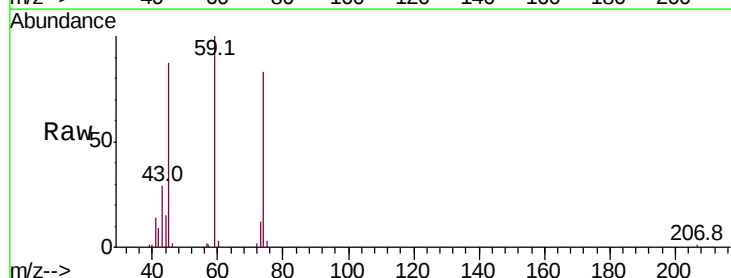
Tot Ion:101 Resp: 114776
 Ion Ratio Lower Upper
 101 100
 103 64.4 54.6 81.8

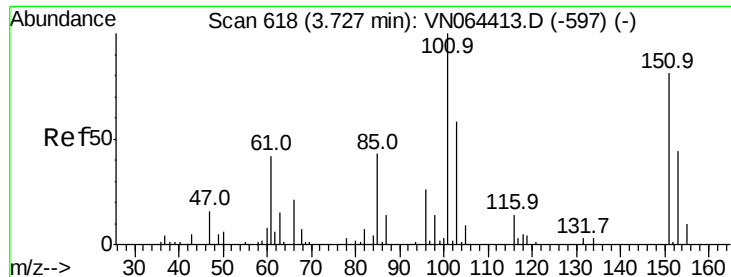


#8

Diethyl Ether
 Concen: 18.321 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064423.D
 Acq: 2 Nov 2020 18:48

Tgt Ion: 74 Resp: 34878
 Ion Ratio Lower Upper
 74 100
 45 98.8 21.2 190.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.699 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

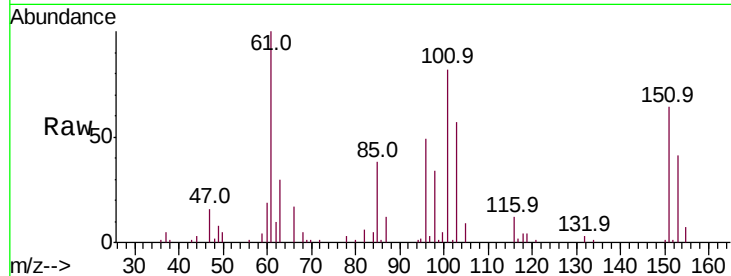
Tot Ion:101 Resp: 54661

Ion Ratio Lower Upper

101 100

85 47.8 0.0 89.6

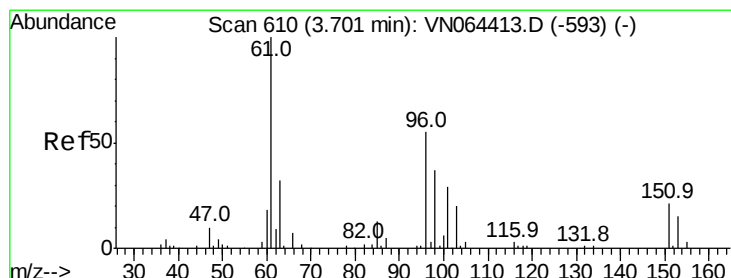
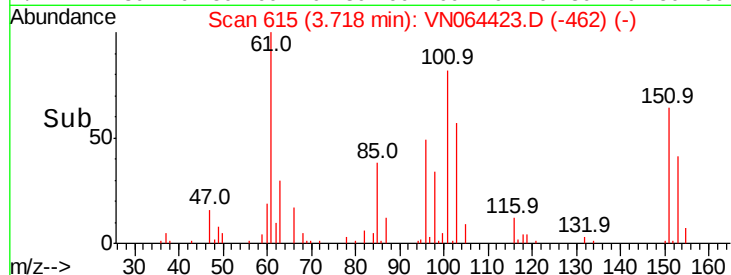
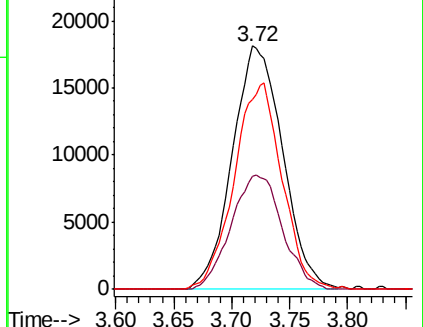
151 80.4 0.0 158.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.600 ug/l

RT: 3.70 min Scan# 608

Delta R.T. -0.01 min

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Acq: 2 Nov 2020 18:48

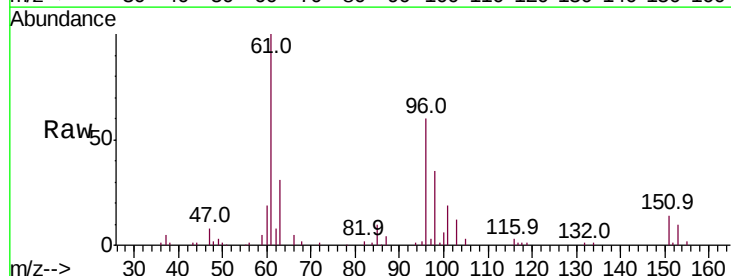
Tgt Ion: 96 Resp: 52026

Ion Ratio Lower Upper

96 100

61 167.9 145.6 218.4

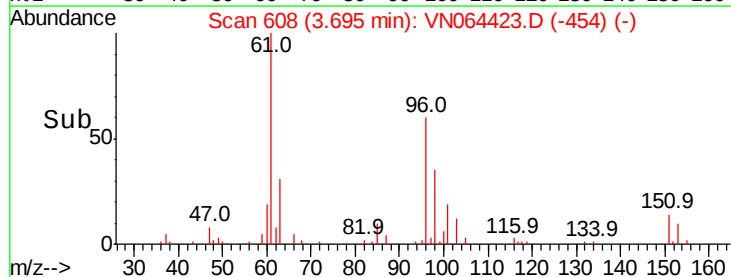
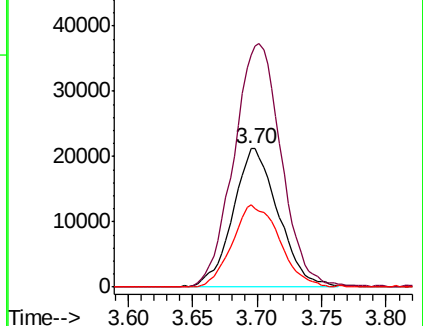
98 59.5 53.9 80.9

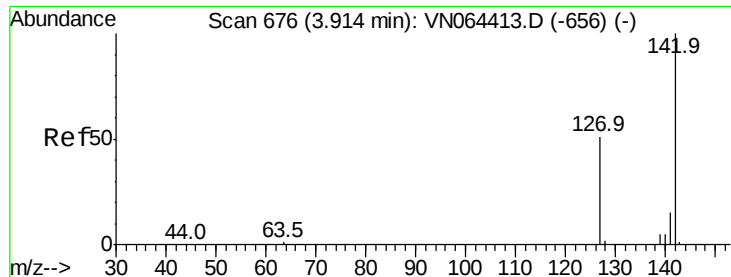


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

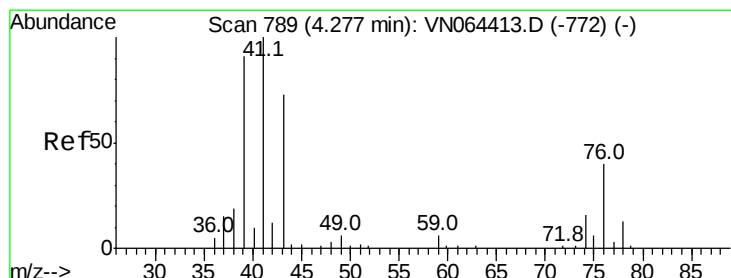
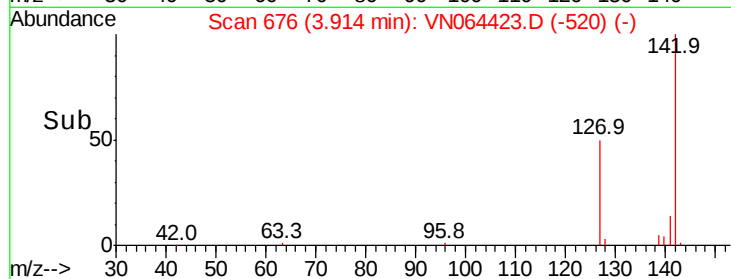
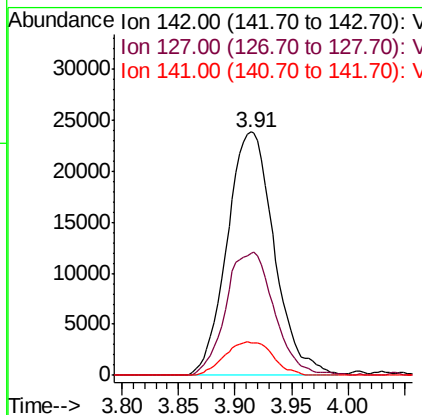
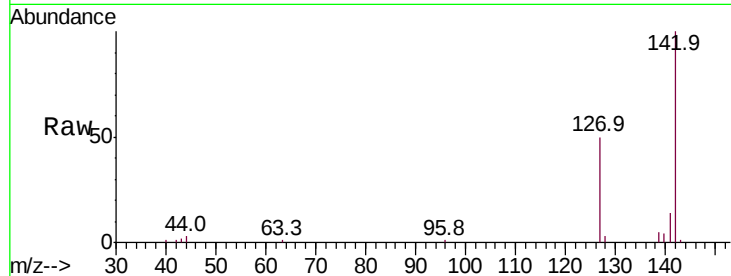




#11
Methyl Iodide
Concen: 17.392 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

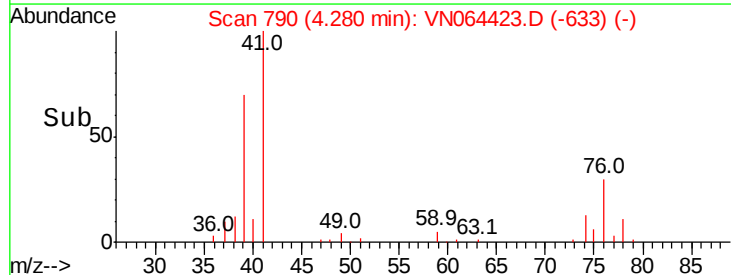
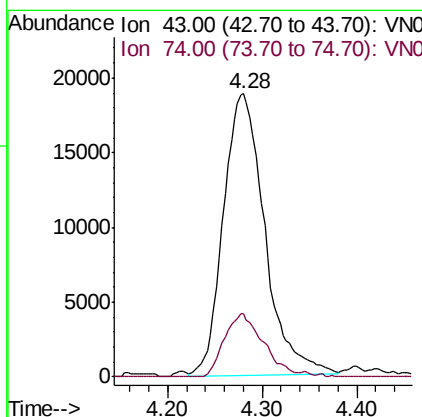
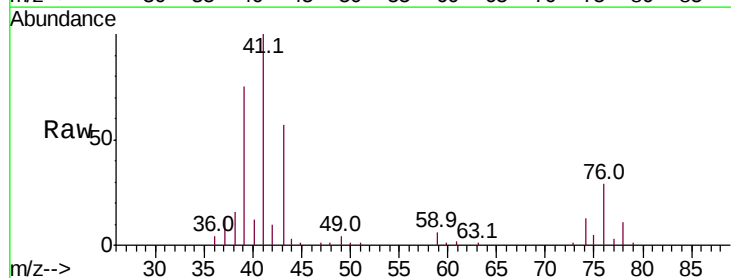
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

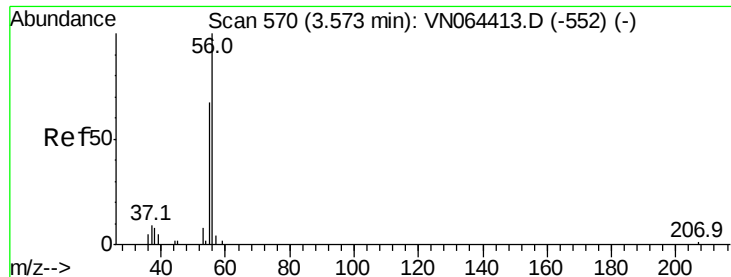
Tot Ion:142 Resp: 69007
Ion Ratio Lower Upper
142 100
127 49.8 25.4 76.2
141 13.6 7.8 23.3



#12
Methyl Acetate
Concen: 18.481 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 43 Resp: 57170
Ion Ratio Lower Upper
43 100
74 22.5 17.1 25.7

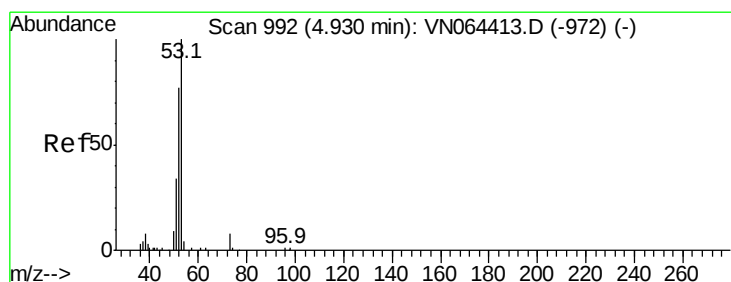
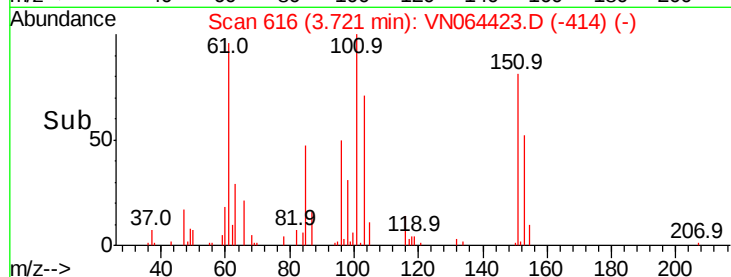
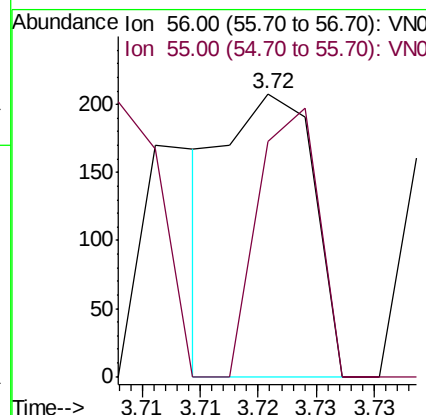
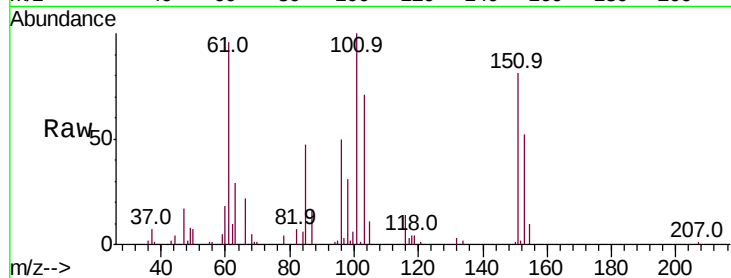




#13
Acrolein
Concen: 0.368 ug/l
RT: 3.72 min Scan# 616
Delta R.T. 0.15 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

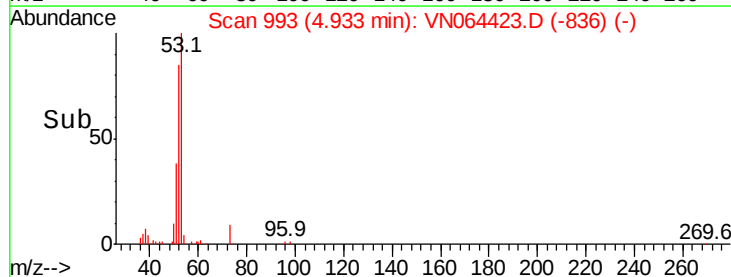
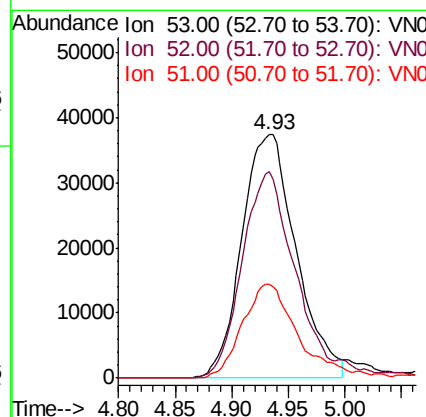
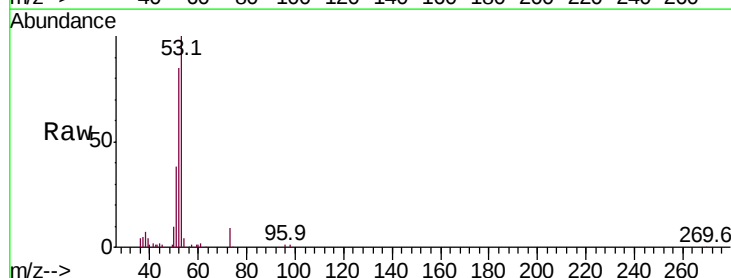
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

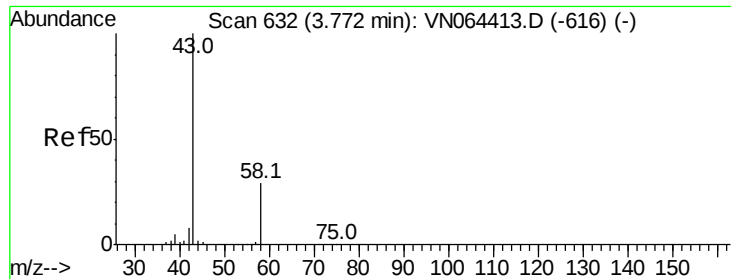
Tot Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 64.5 53.1 79.7



#14
Acrylonitrile
Concen: 89.898 ug/l
RT: 4.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 53 Resp: 125116
Ion Ratio Lower Upper
53 100
52 80.7 41.1 123.3
51 38.4 17.8 53.3





#15

Acetone

Concen: 74.382 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

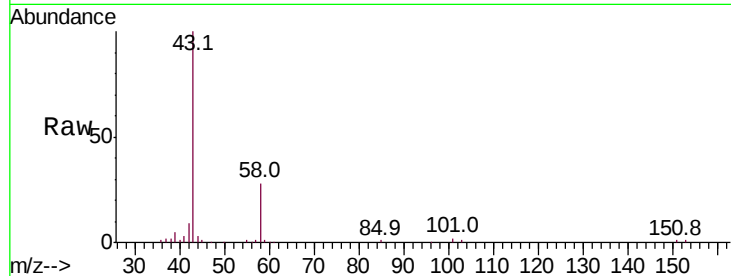
VSTDCCC020EC

Tot Ion: 58 Resp: 35870

Ion Ratio Lower Upper

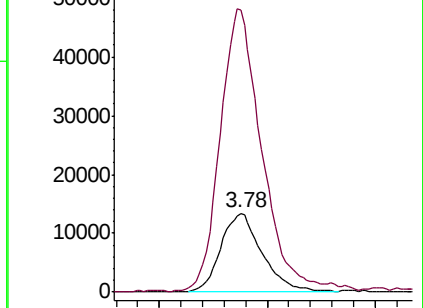
58 100

43 351.7 276.1 414.1

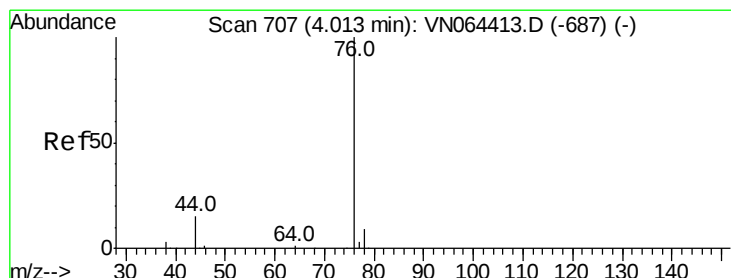
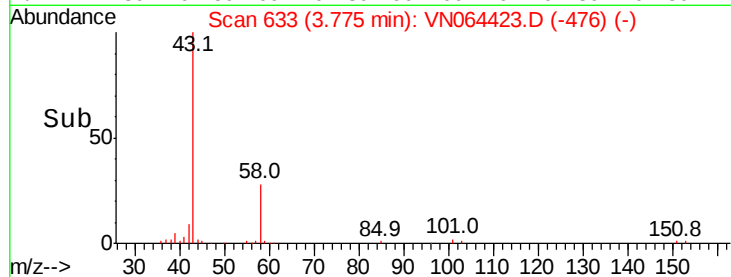


Abundance Ion 58.00 (57.70 to 58.70): VN064423.D (-551) (-)

Ion 43.00 (42.70 to 43.70): VN064423.D (-551) (-)



Time-->



#16

Carbon Disulfide

Concen: 17.484 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064423.D

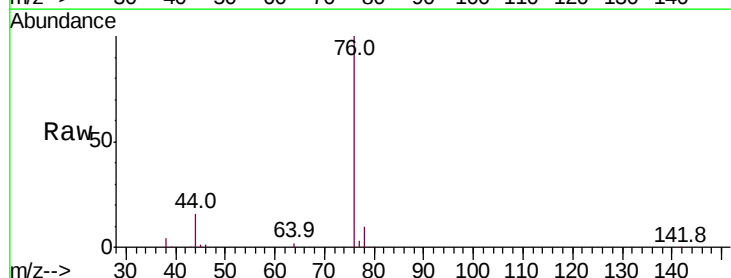
Acq: 2 Nov 2020 18:48

Tgt Ion: 76 Resp: 146675

Ion Ratio Lower Upper

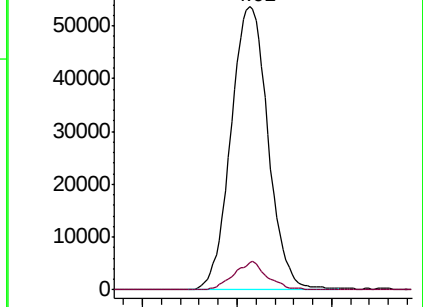
76 100

78 9.5 7.0 10.6

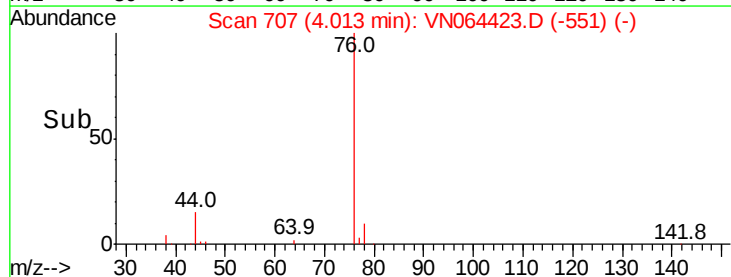


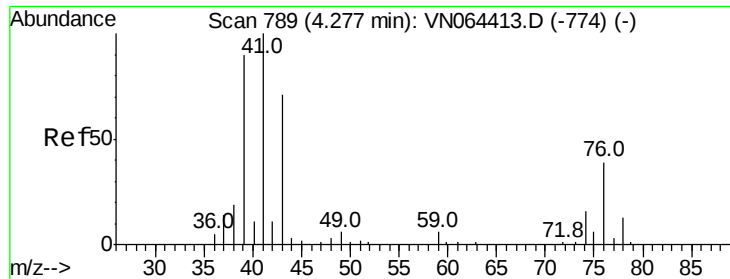
Abundance Ion 76.00 (75.70 to 76.70): VN064423.D (-551) (-)

Ion 78.00 (77.70 to 78.70): VN064423.D (-551) (-)



Time-->

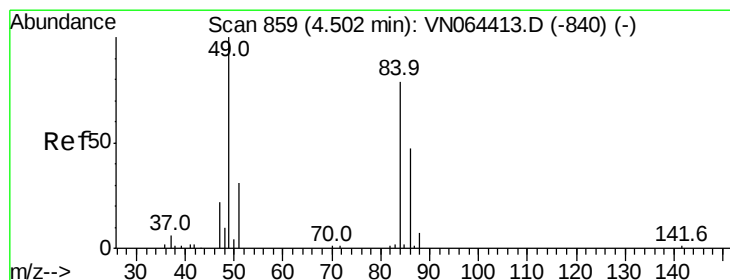
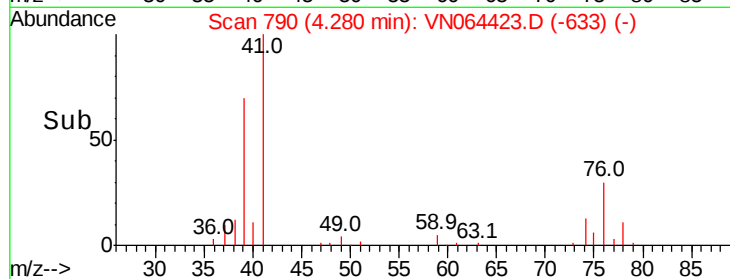
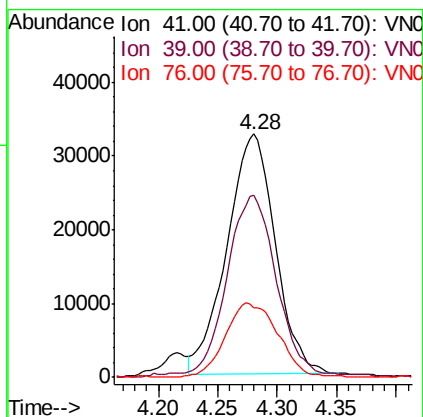
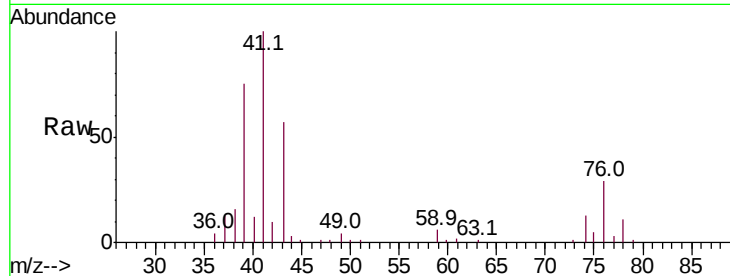




#17
Allvl chloride
Concen: 17.752 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

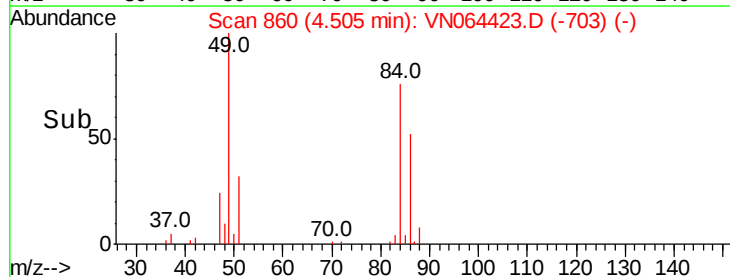
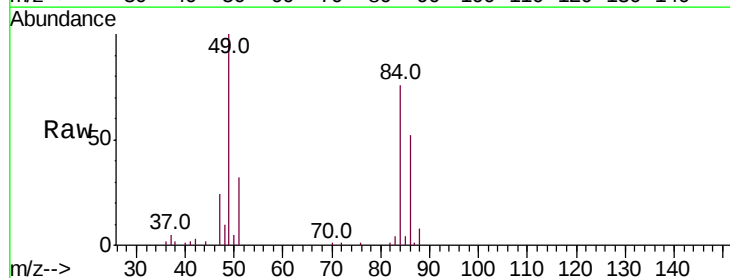
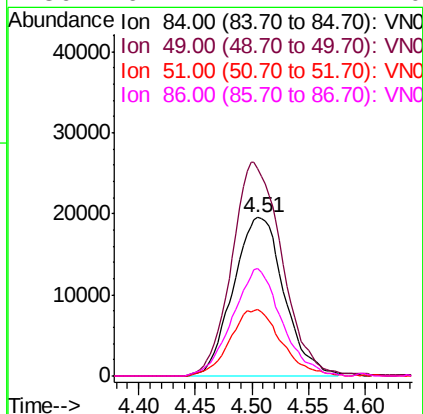
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

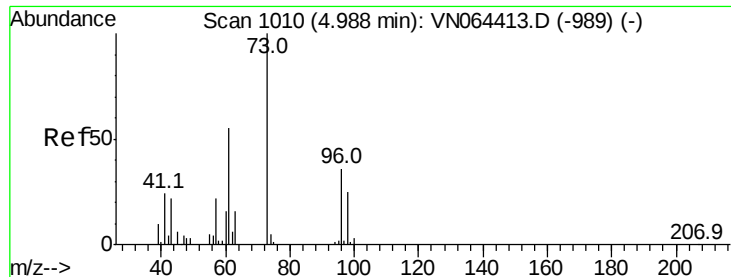
Tot Ion: 41 Resp: 92043
Ion Ratio Lower Upper
41 100
39 74.5 42.3 126.8
76 28.3 18.6 55.8



#18
Methylene Chloride
Concen: 17.899 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 84 Resp: 61220
Ion Ratio Lower Upper
84 100
49 129.8 101.0 151.4
51 41.6 31.2 46.8
86 67.2 47.4 71.0

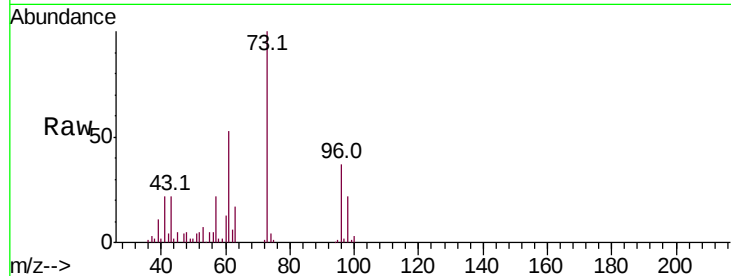




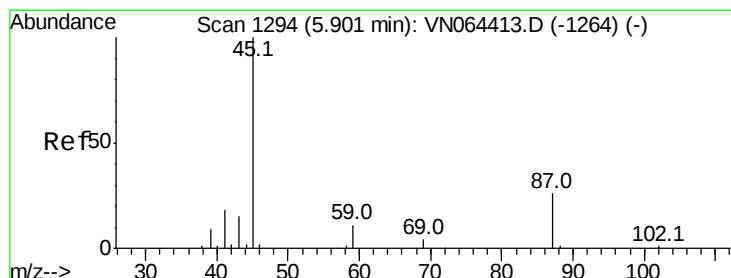
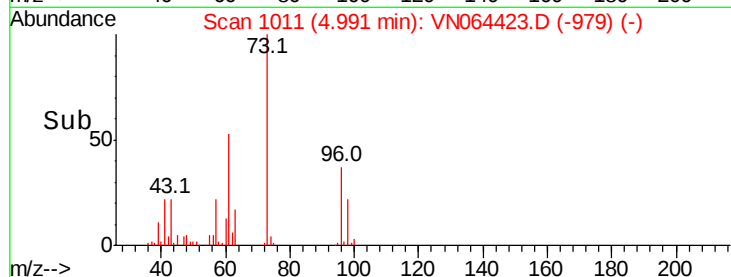
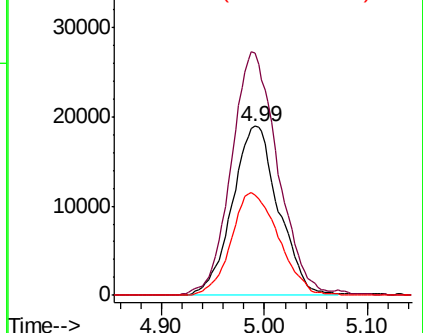
#19
trans-1,2-Dichloroethene
Concen: 18.173 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 96 Resp: 59126
Ion Ratio Lower Upper
96 100
61 141.6 121.4 182.0
98 59.6 55.5 83.3

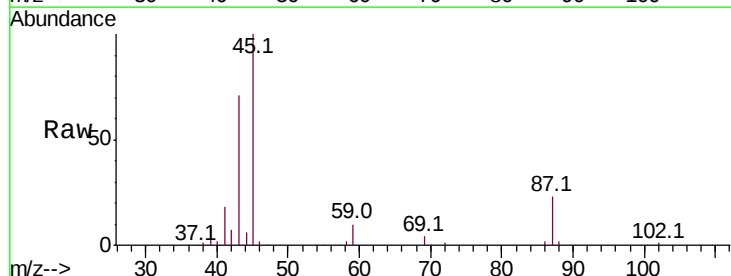


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

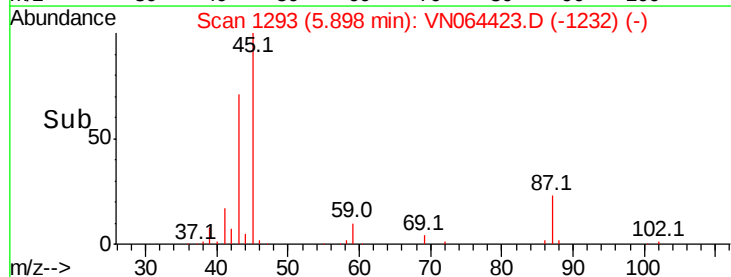
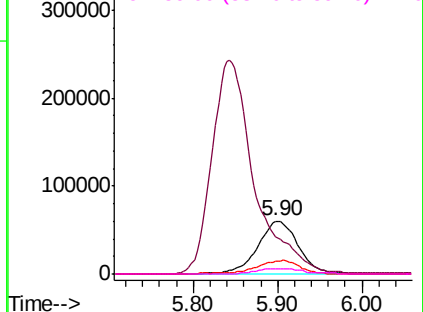


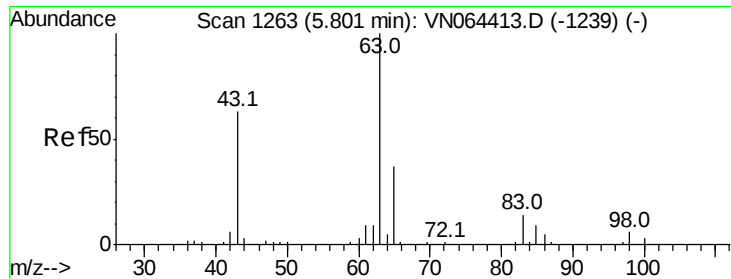
#20
Diisopropyl ether
Concen: 18.034 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 45 Resp: 200092
Ion Ratio Lower Upper
45 100
43 67.1 49.6 74.4
87 23.5 21.0 31.6
59 9.4 8.4 12.6



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

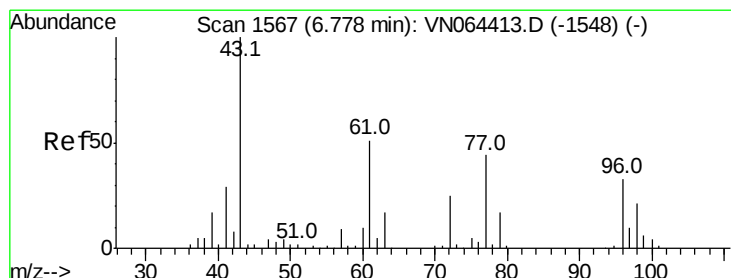
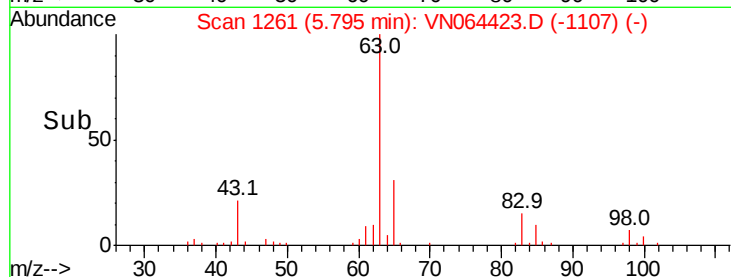
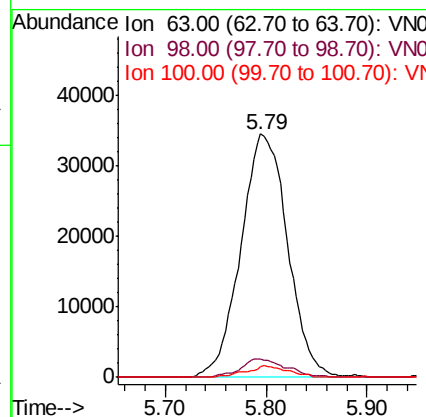
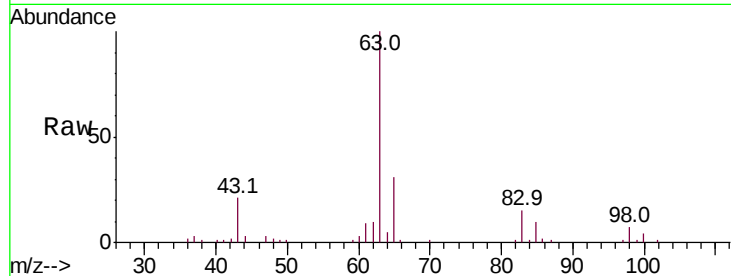




#21
 1,1-Dichloroethane
 Concen: 17.729 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN064423.D
 Acq: 2 Nov 2020 18:48

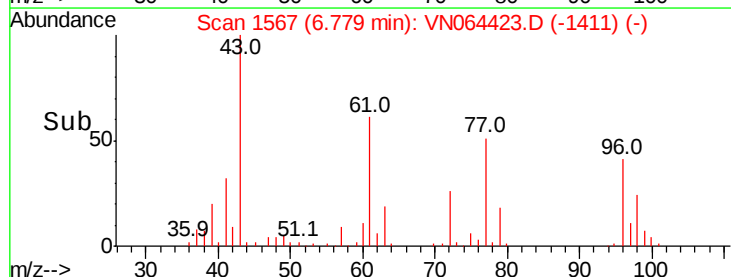
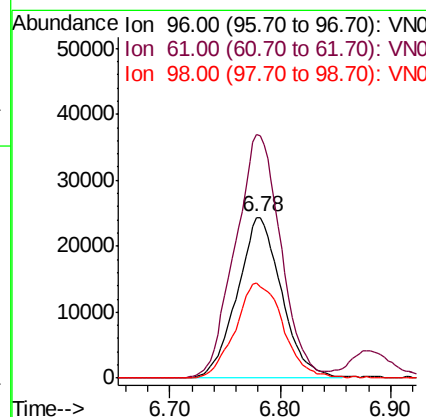
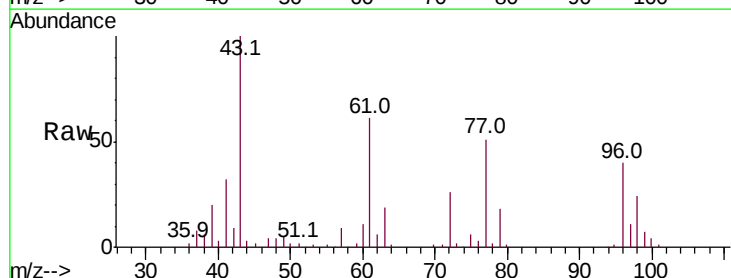
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

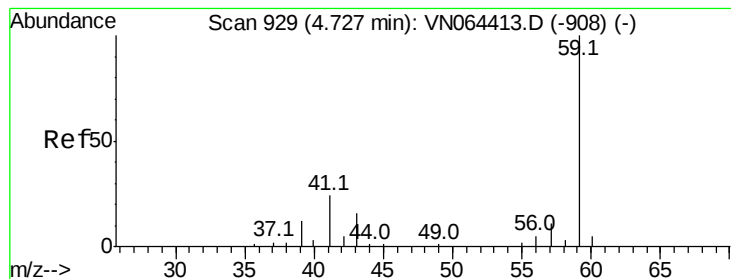
Tot Ion: 63 Resp: 110942
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.8
 100 4.3 1.5 4.5



#22
 cis-1,2-Dichloroethene
 Concen: 17.569 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064423.D
 Acq: 2 Nov 2020 18:48

Tgt Ion: 96 Resp: 67734
 Ion Ratio Lower Upper
 96 100
 61 155.7 122.3 183.5
 98 63.4 49.6 74.4





#23

tert-Butyl Alcohol

Concen: 93.985 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

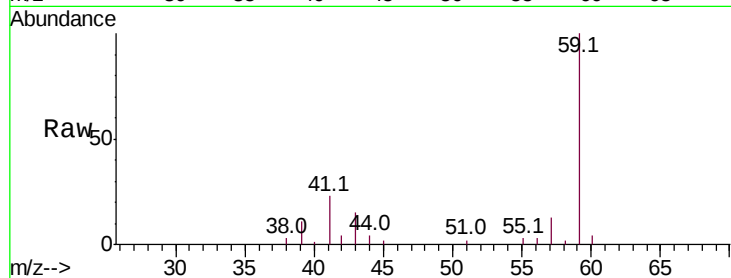
VSTDCCC020EC

Tot Ion: 59 Resp: 49673

Ion Ratio Lower Upper

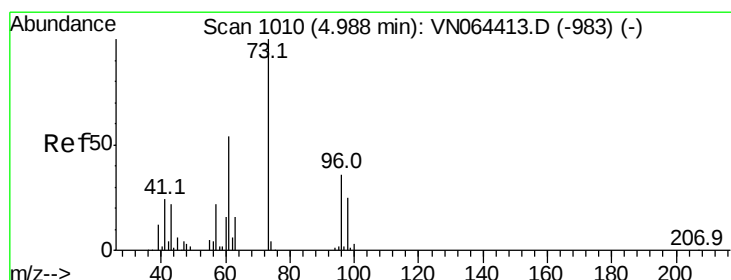
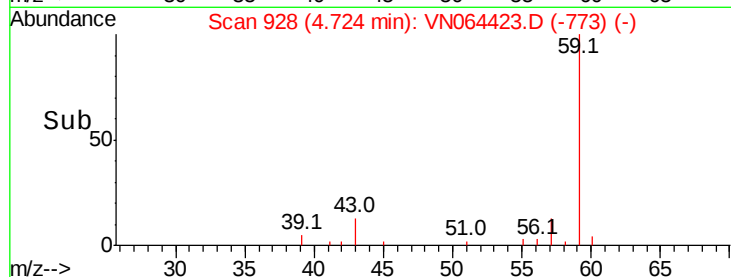
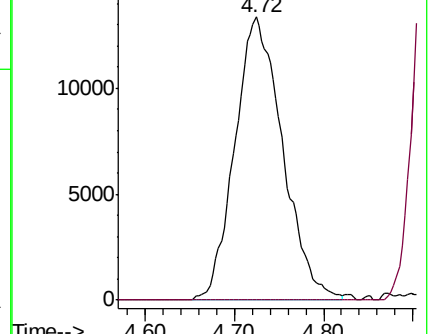
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 18.024 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064423.D

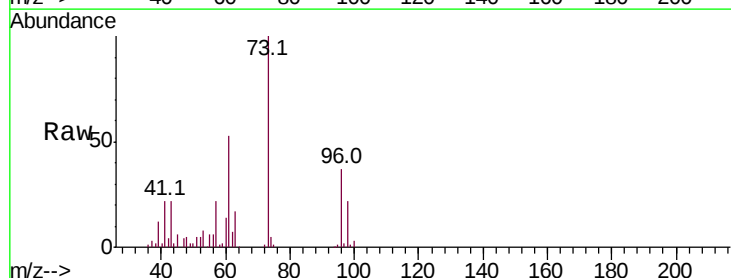
Acq: 2 Nov 2020 18:48

Tgt Ion: 73 Resp: 190669

Ion Ratio Lower Upper

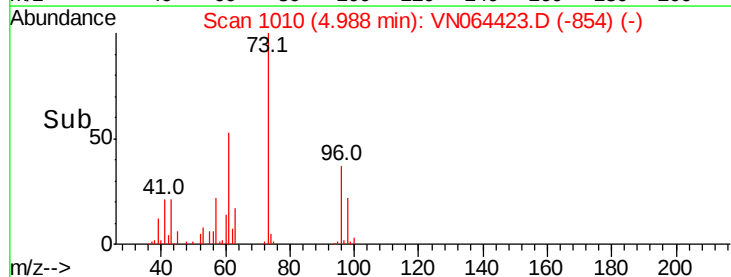
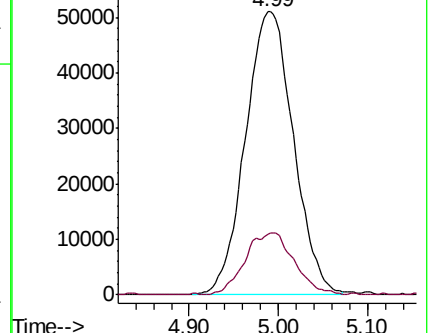
73 100

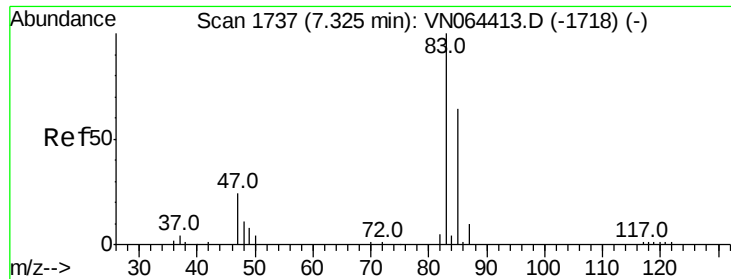
43 7.6 6.8 10.2



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

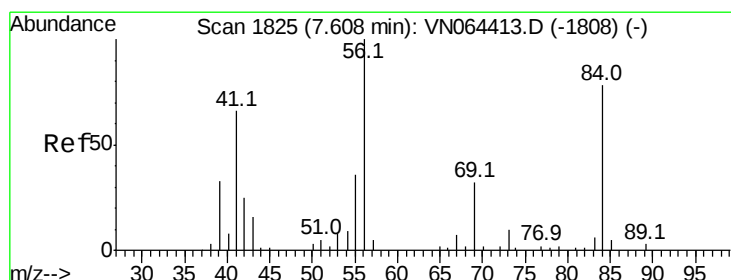
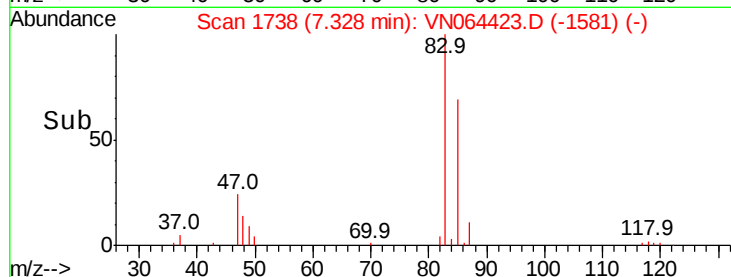
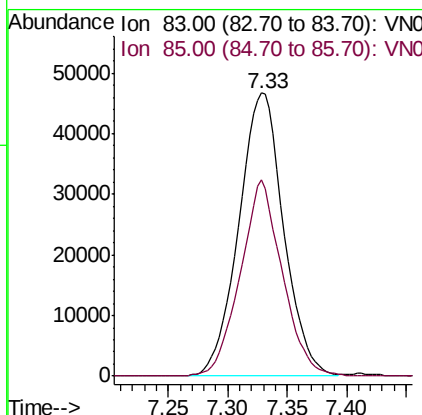
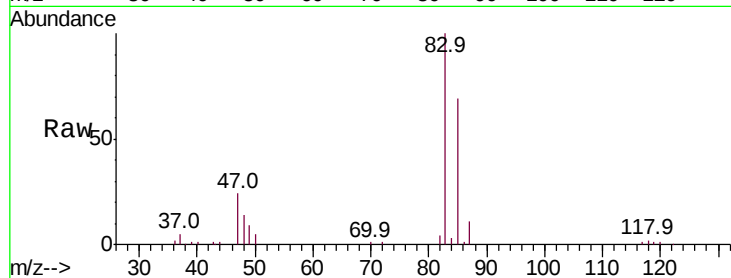




#25
Chloroform
Concen: 18.177 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

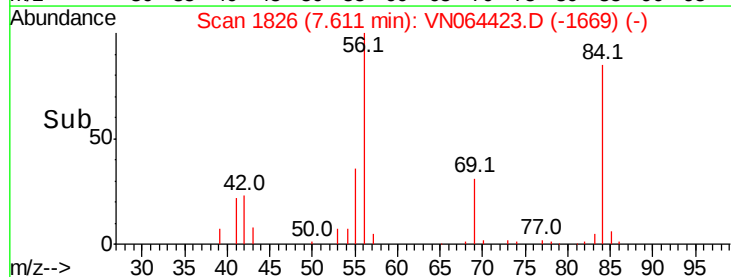
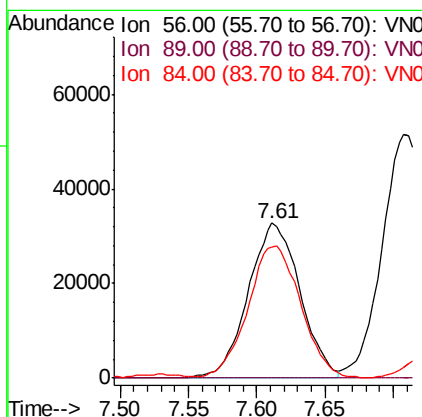
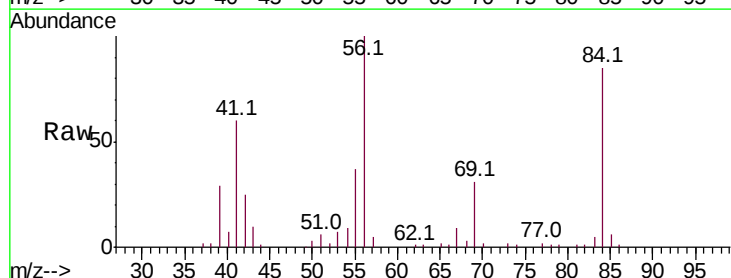
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

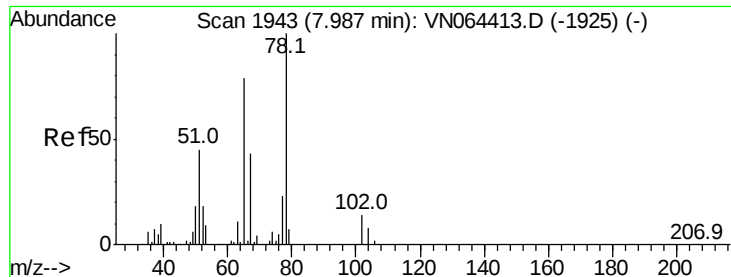
Tot Ion: 83 Resp: 121835
Ion Ratio Lower Upper
83 100
85 69.4 51.0 76.4



#26
Cyclohexane
Concen: 17.409 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 56 Resp: 86279
Ion Ratio Lower Upper
56 100
89 0.0 2.3 3.5#
84 87.6 69.4 104.0





#27

1,2-Dichloroethane-d4

Concen: 31.207 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

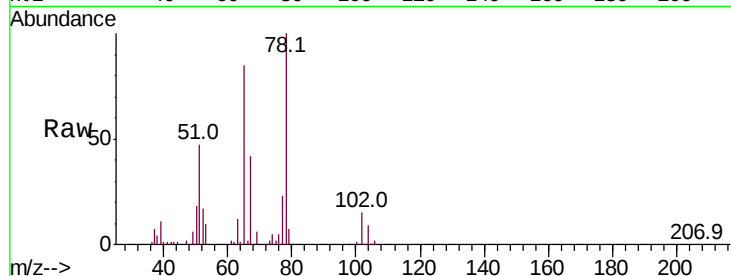
VSTDCCC020EC

Tot Ion: 65 Resp: 139212

Ion Ratio Lower Upper

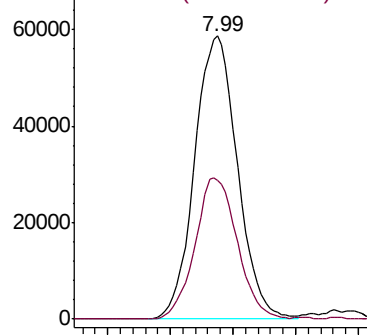
65 100

67 49.0 40.6 61.0

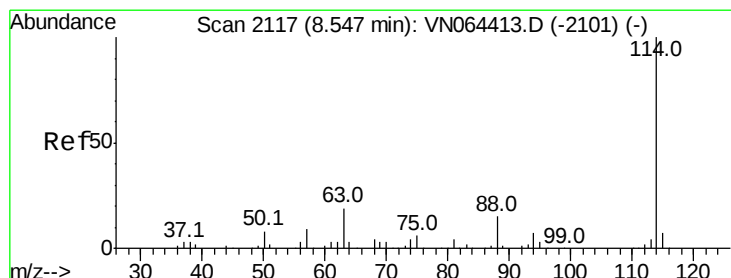
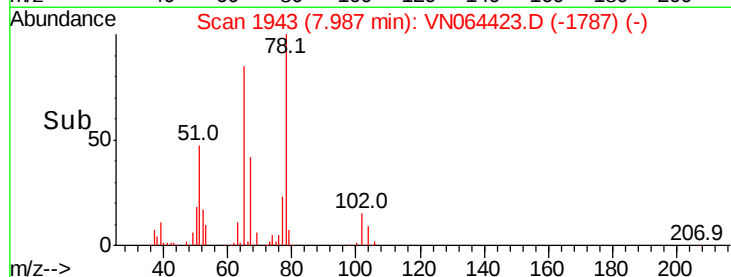


Abundance Ion 65.00 (64.70 to 65.70): VN064413.D (-1925) (-)

Ion 67.00 (66.70 to 67.70): VN064413.D (-1925) (-)



Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

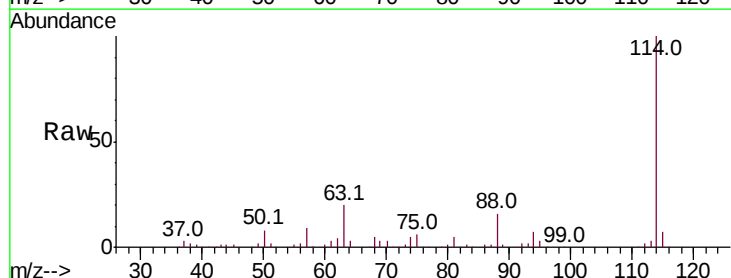
Tgt Ion: 114 Resp: 298312

Ion Ratio Lower Upper

114 100

63 20.5 16.2 24.4

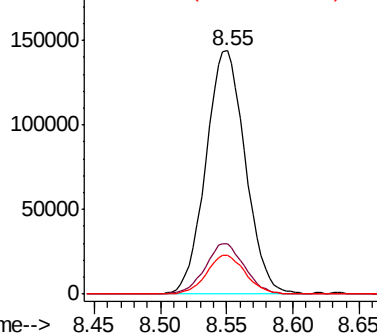
88 15.7 12.6 19.0



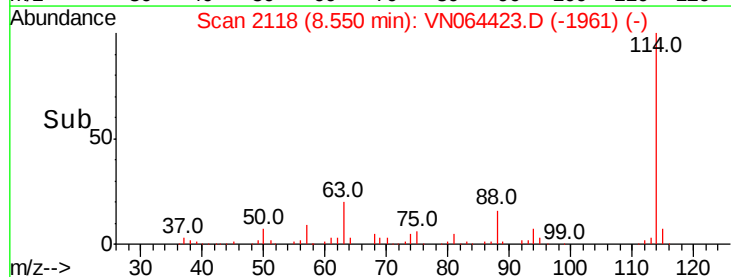
Abundance Ion 114.00 (113.70 to 114.70): VN064413.D (-2101) (-)

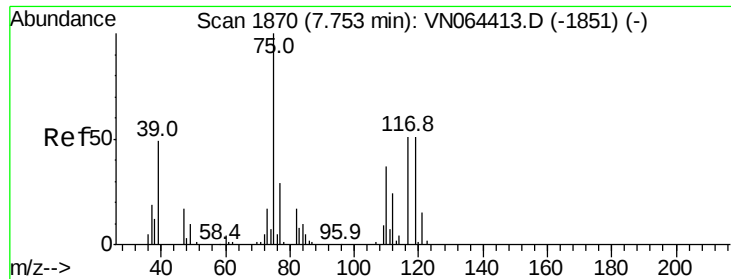
Ion 63.00 (62.70 to 63.70): VN064413.D (-2101) (-)

Ion 88.00 (87.70 to 88.70): VN064413.D (-2101) (-)



Time-->

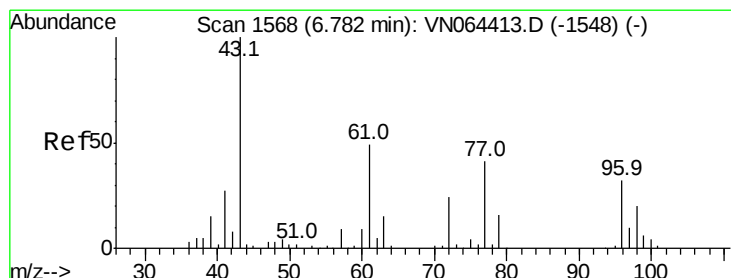
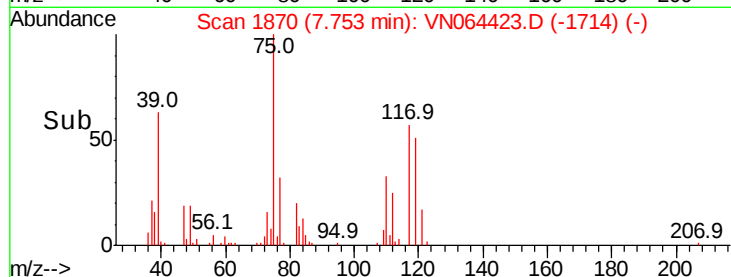
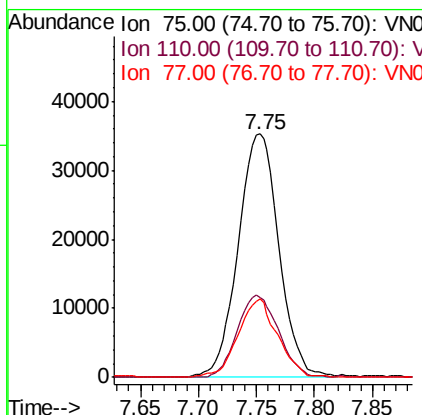
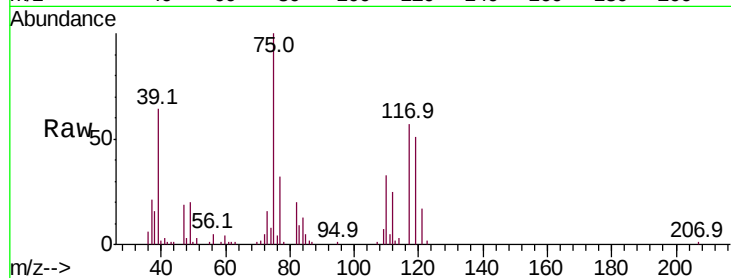




#29
 1,1-Dichloropropene
 Concen: 18.025 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064423.D
 Acq: 2 Nov 2020 18:48

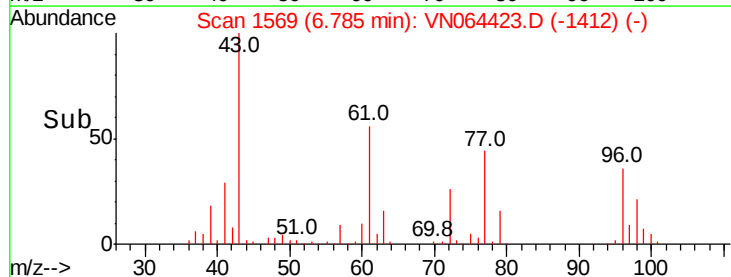
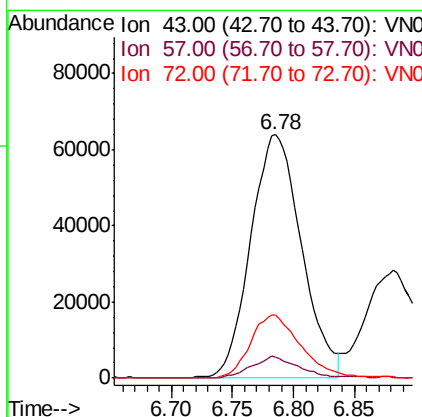
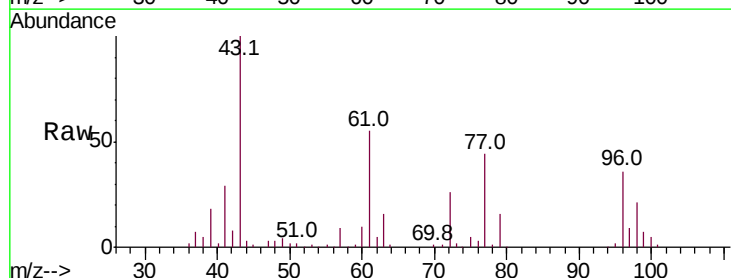
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

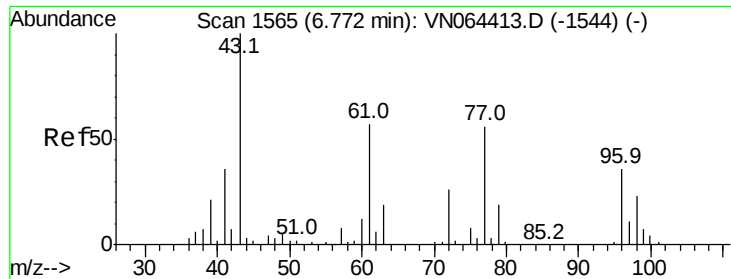
Tot Ion: 75 Resp: 86509
 Ion Ratio Lower Upper
 75 100
 110 33.8 0.0 71.8
 77 30.8 0.0 32.4



#30
 2-Butanone
 Concen: 85.005 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064423.D
 Acq: 2 Nov 2020 18:48

Tgt Ion: 43 Resp: 185217
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.6 9.8
 72 25.5 20.0 30.0





#31

2,2-Dichloropropane

Concen: 17.446 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

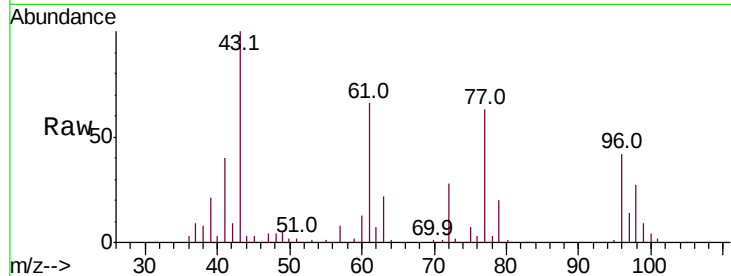
VSTDCCC020EC

Tot Ion: 77 Resp: 102785

Ion Ratio Lower Upper

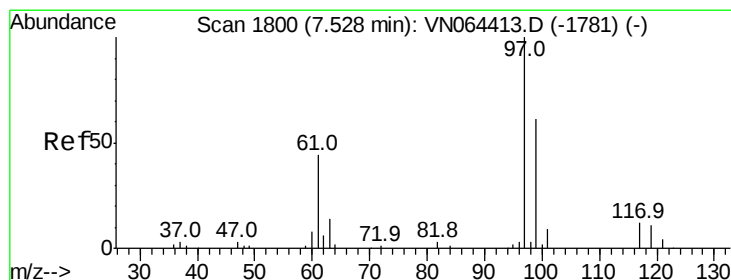
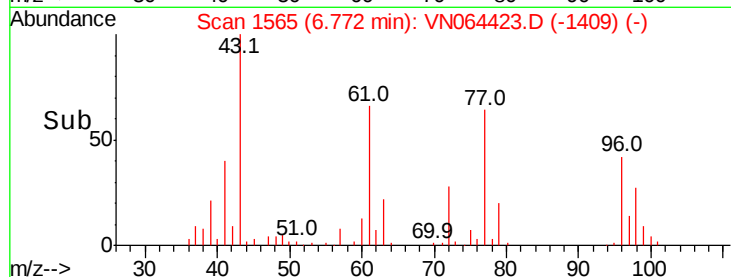
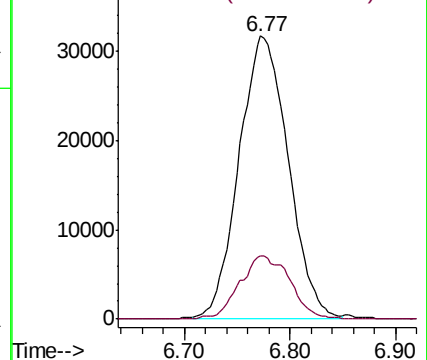
77 100

97 15.1 17.4 26.0#



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.044 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

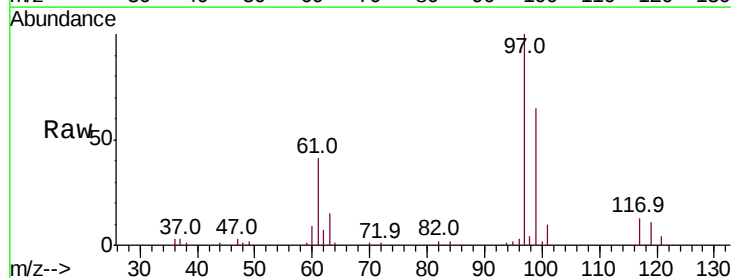
Tgt Ion: 97 Resp: 113520

Ion Ratio Lower Upper

97 100

99 63.5 49.8 74.8

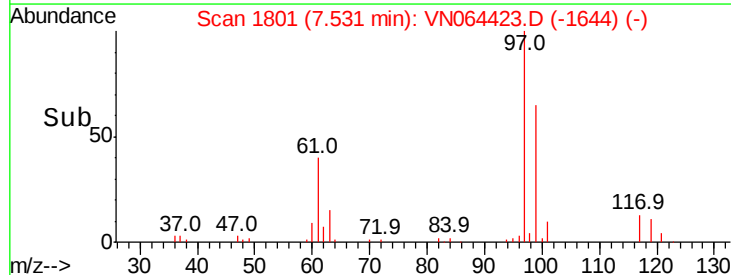
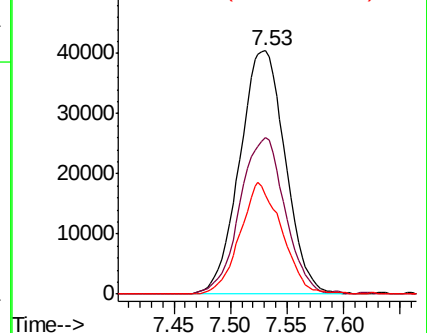
61 42.1 34.9 52.3

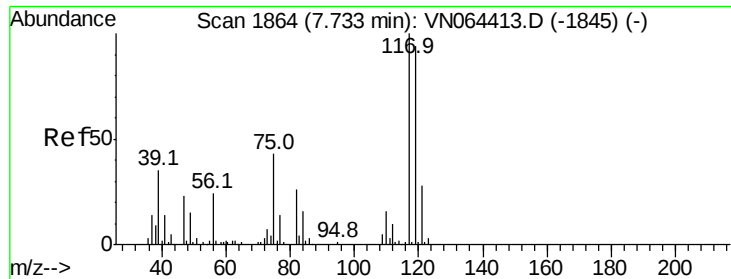


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

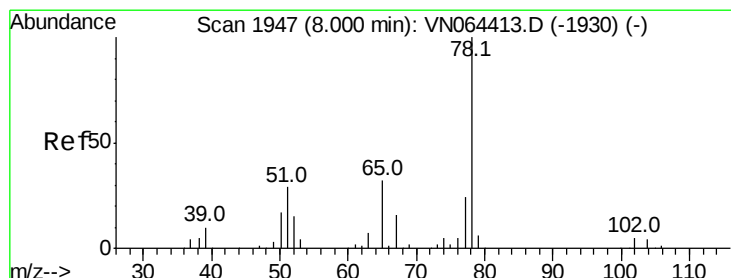
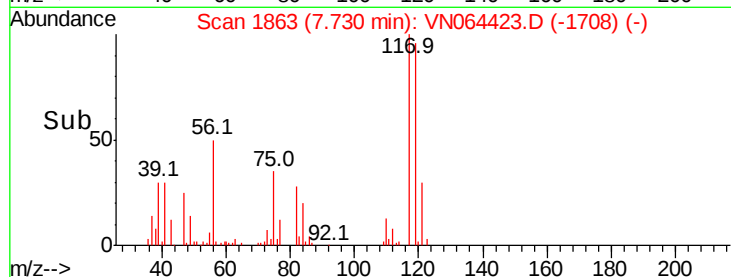
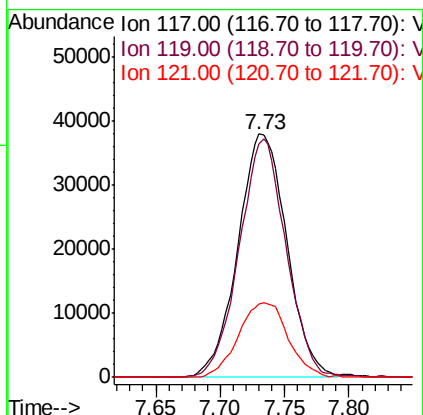
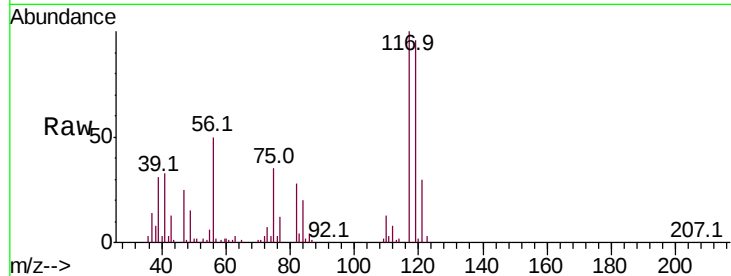




#33
Carbon Tetrachloride
Concen: 17.695 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

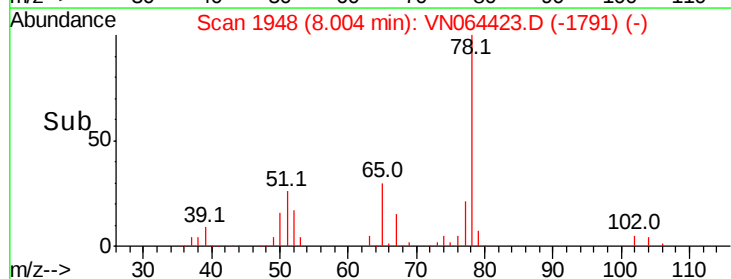
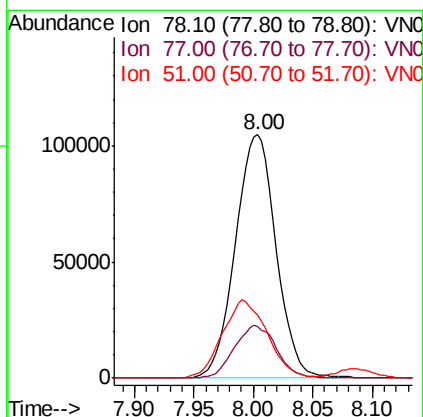
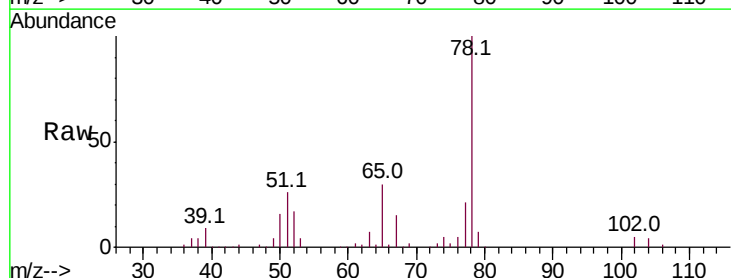
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

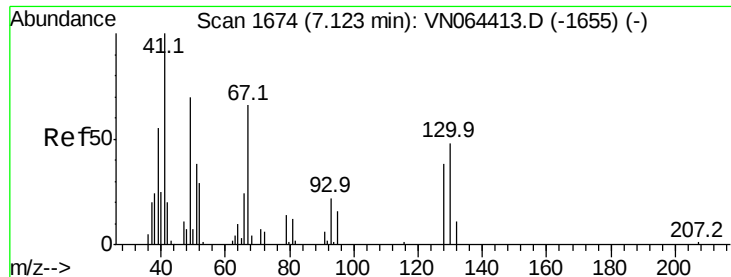
Tot Ion:117 Resp: 100292
Ion Ratio Lower Upper
117 100
119 95.4 75.0 112.4
121 30.1 22.1 33.1



#34
Benzene
Concen: 18.264 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 78 Resp: 248362
Ion Ratio Lower Upper
78 100
77 21.3 19.0 28.4
51 25.2 23.1 34.7

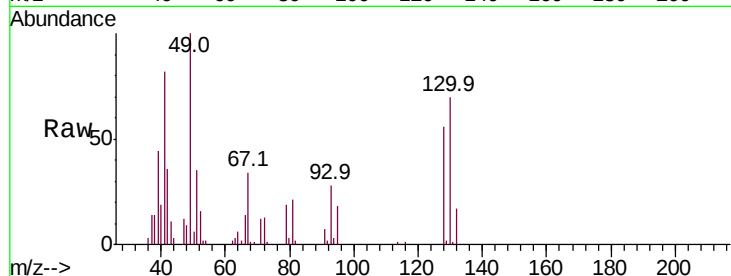




#35
Methacrylonitrile
Concen: 19.057 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	41050
Ion	Ratio	Lower	Upper
41	100		
39	53.3	27.8	83.3
67	42.1	32.9	98.6
52	19.7	14.4	43.0



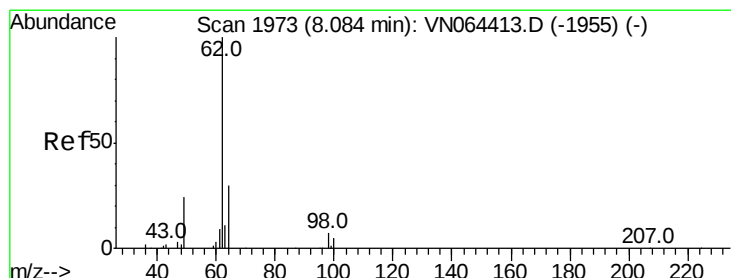
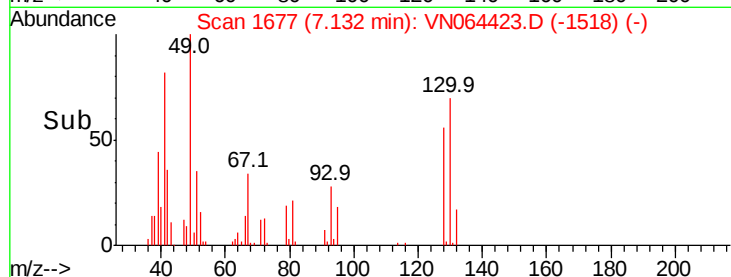
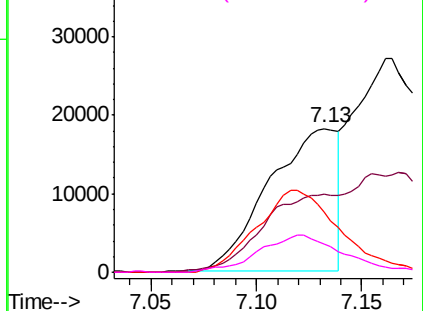
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

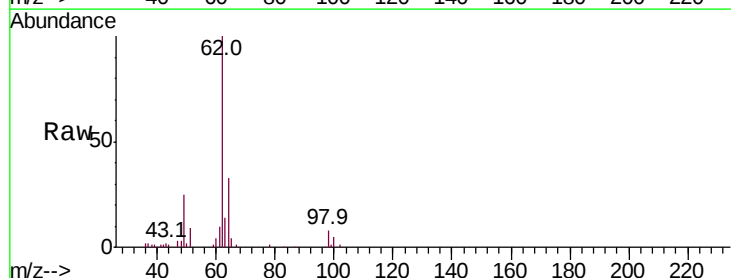
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#36
1,2-Dichloroethane
Concen: 18.376 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

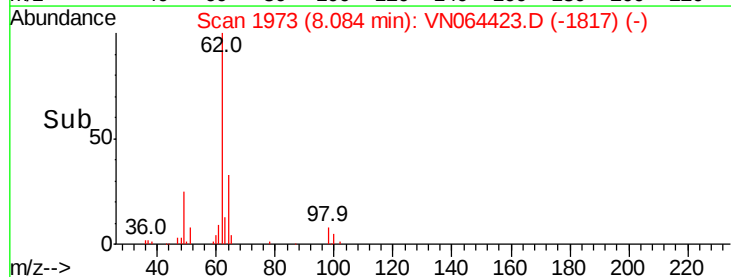
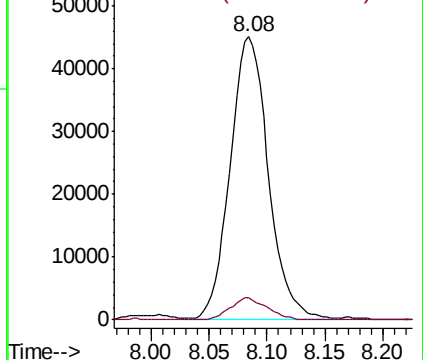
Tgt Ion:	62	Resp:	103339
Ion	Ratio	Lower	Upper
62	100		
98	7.4	6.2	9.2

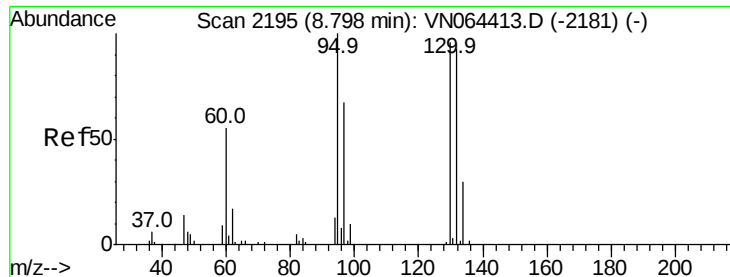


Abundance

Ion 62.00 (61.70 to 62.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

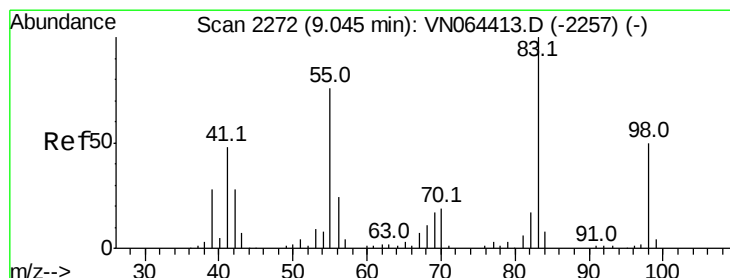
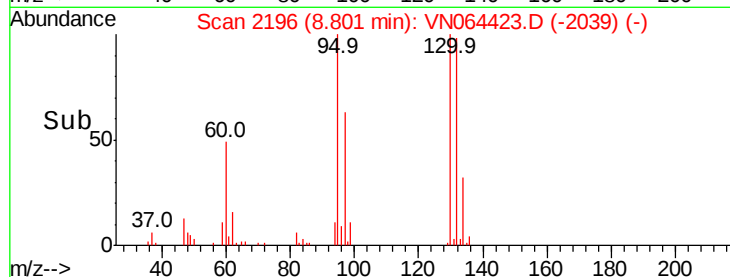
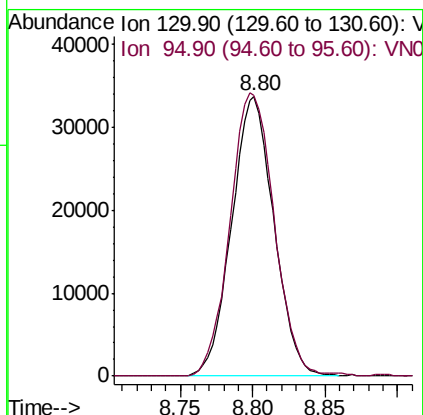
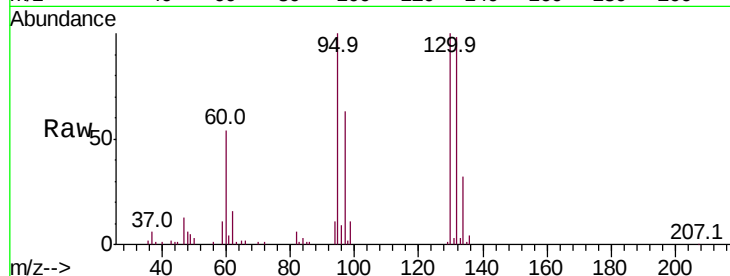




#37
 Trichloroethene
 Concen: 17.902 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064423.D
 Acq: 2 Nov 2020 18:48

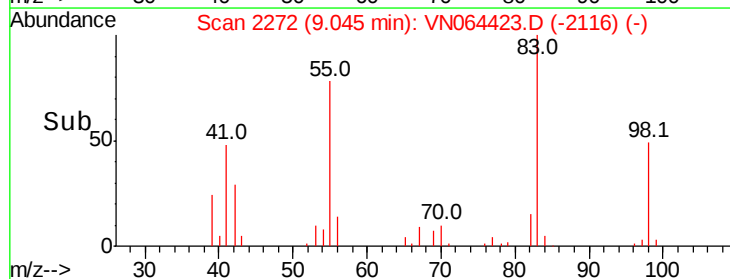
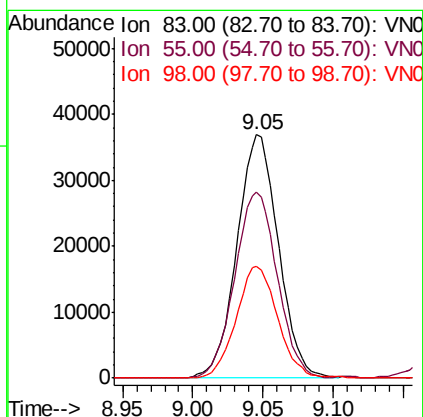
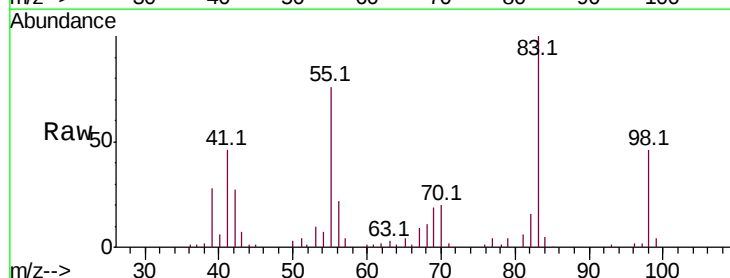
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

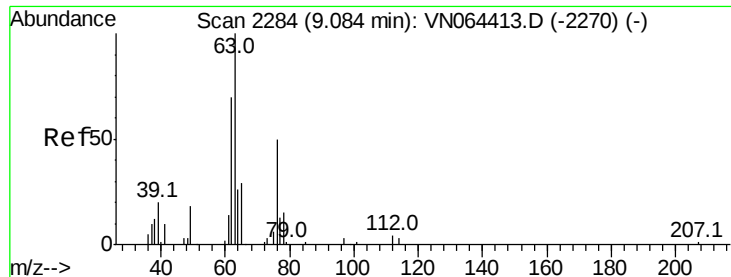
Tot Ion:130 Resp: 68344
 Ion Ratio Lower Upper
 130 100
 95 100.3 83.6 125.4



#38
 Methylcyclohexane
 Concen: 17.485 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN064423.D
 Acq: 2 Nov 2020 18:48

Tgt Ion: 83 Resp: 76114
 Ion Ratio Lower Upper
 83 100
 55 78.1 38.3 114.9
 98 45.8 24.6 74.0





#39

1,2-Dichloropropane

Concen: 19.242 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

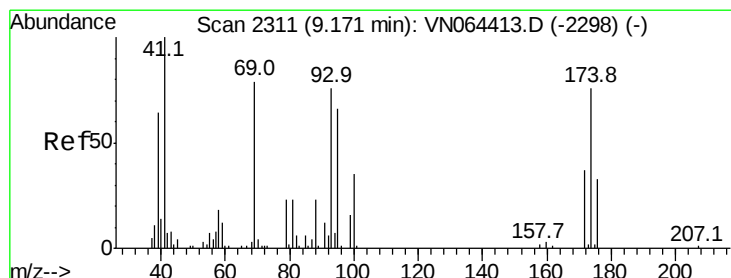
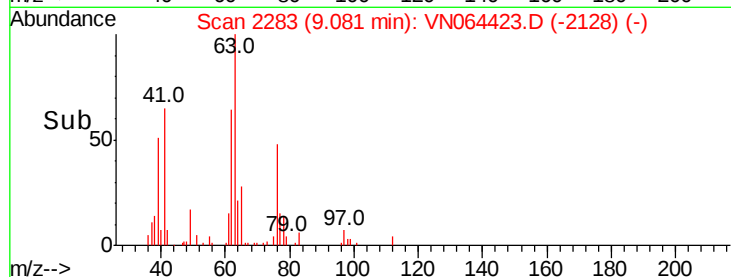
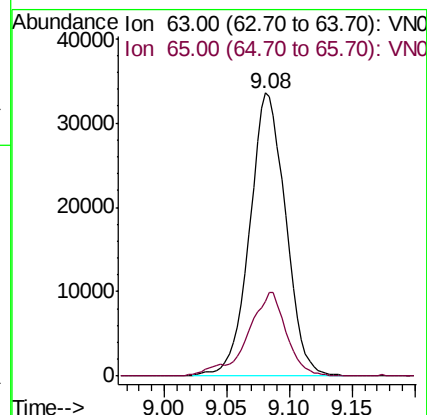
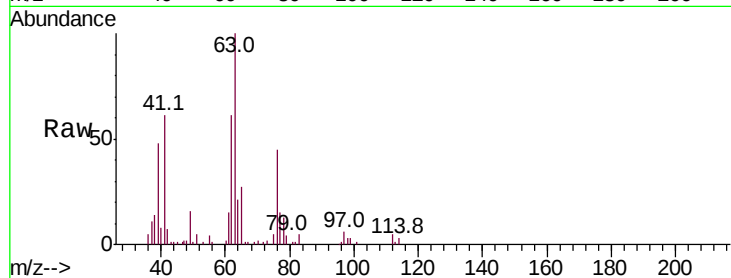
VSTDCCC020EC

Tot Ion: 63 Resp: 67132

Ion Ratio Lower Upper

63 100

65 26.5 25.0 37.6



#40

Dibromomethane

Concen: 18.360 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

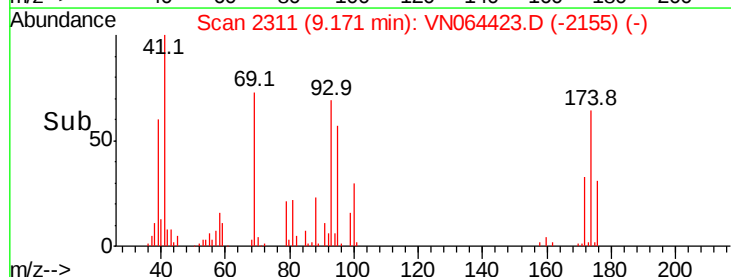
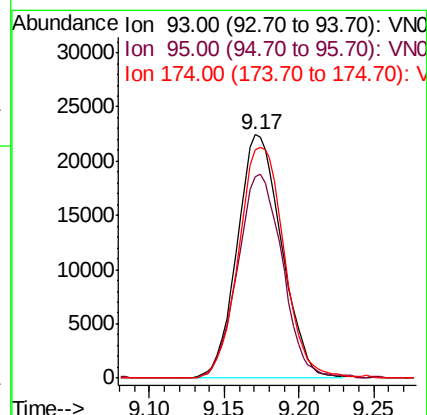
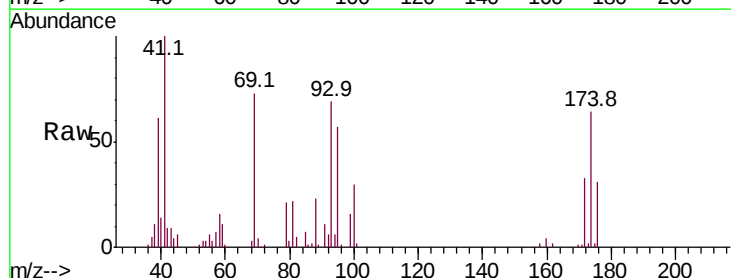
Tgt Ion: 93 Resp: 46425

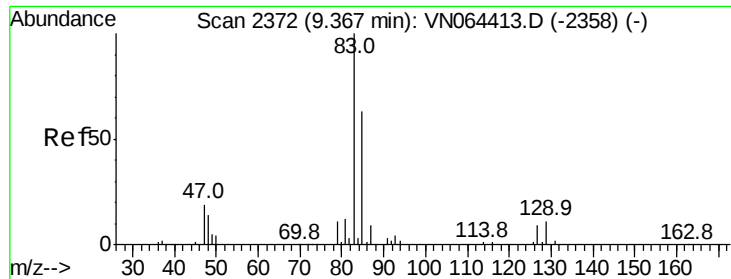
Ion Ratio Lower Upper

93 100

95 84.0 0.0 170.0

174 96.8 0.0 199.8





#41

Bromodichloromethane

Concen: 18.248 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

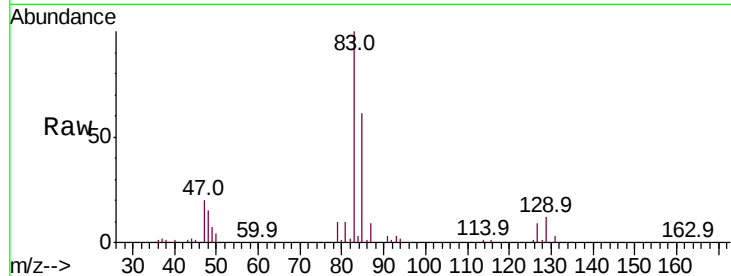
Tot Ion: 83 Resp: 97463

Ion Ratio Lower Upper

83 100

85 61.3 50.5 75.7

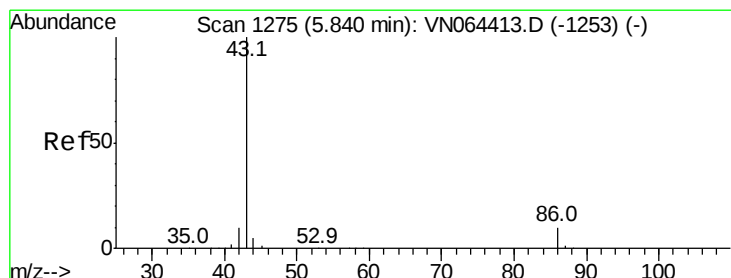
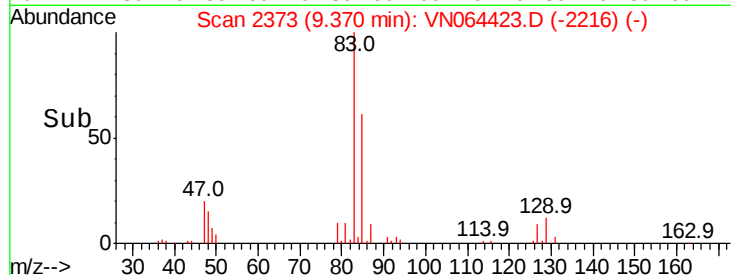
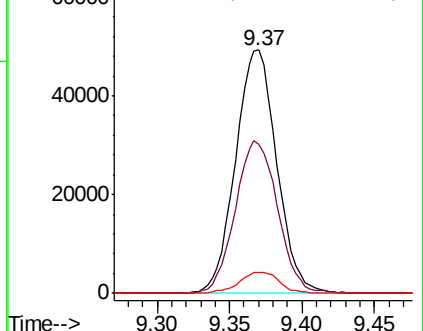
127 8.7 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 92.158 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064423.D

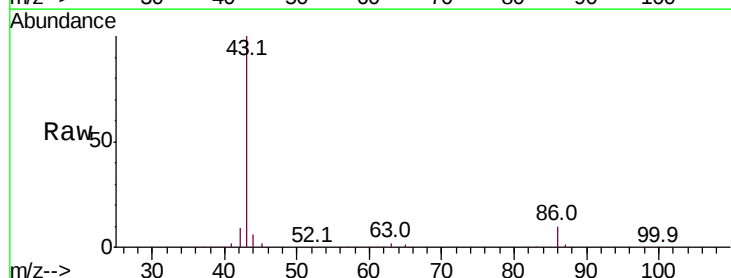
Acq: 2 Nov 2020 18:48

Tgt Ion: 43 Resp: 850073

Ion Ratio Lower Upper

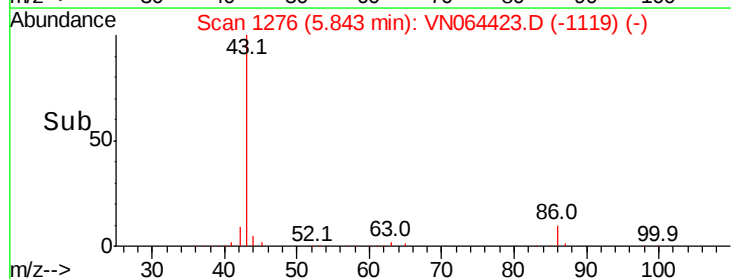
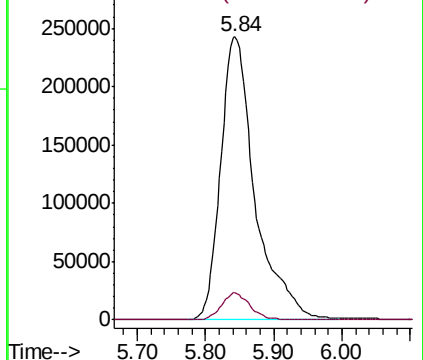
43 100

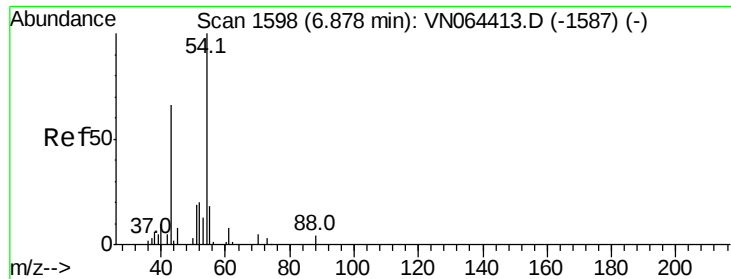
86 7.9 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 19.402 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

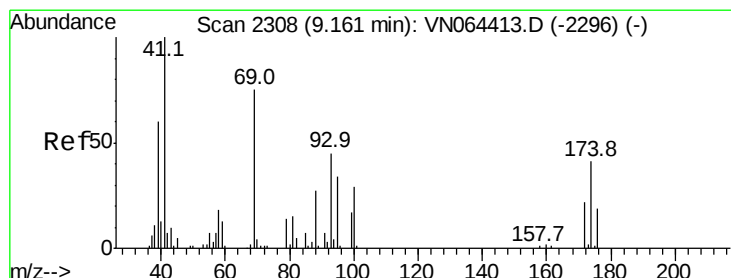
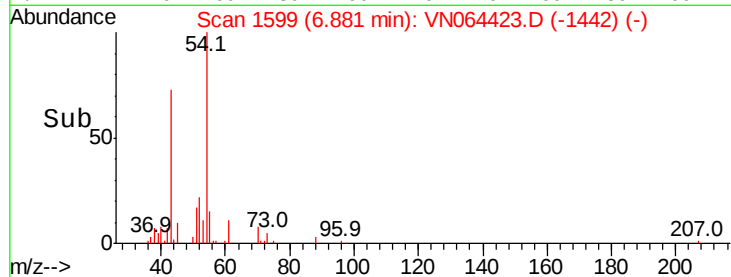
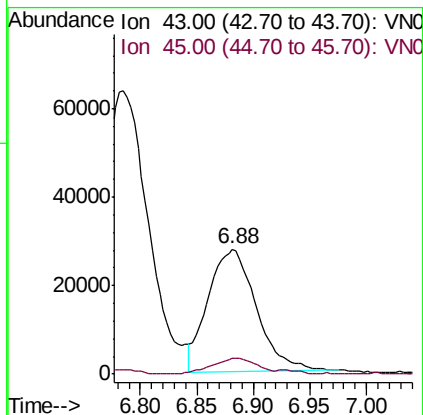
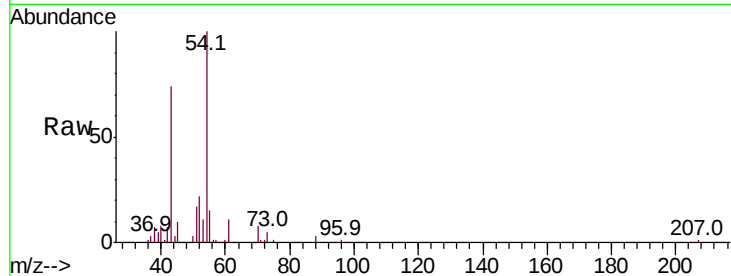
VSTDCCC020EC

Tot Ion: 43 Resp: 81866

Ion Ratio Lower Upper

43 100

45 11.6 5.2 7.8#



#45

1,4-Dioxane

Concen: 361.458 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

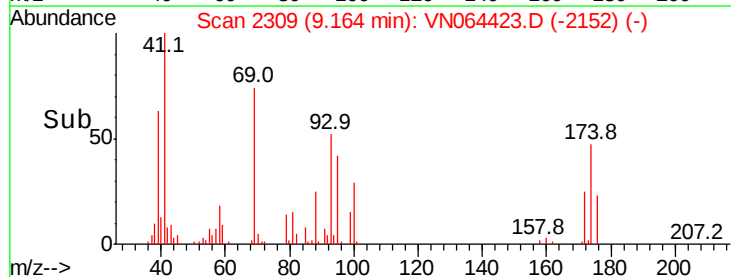
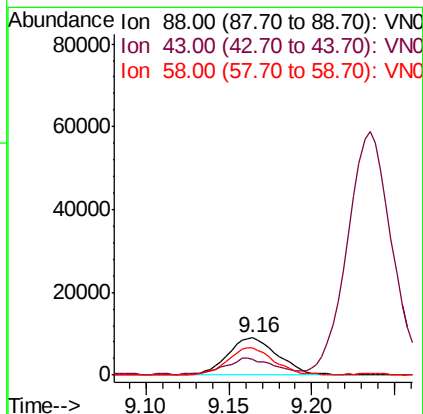
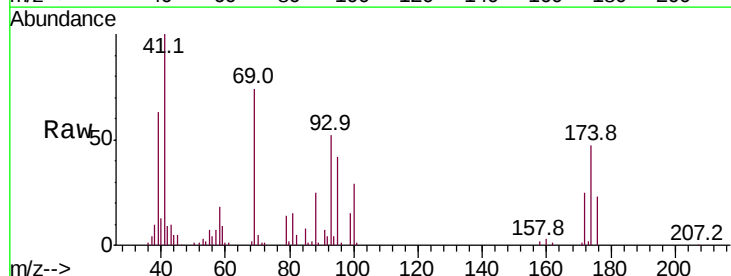
Tgt Ion: 88 Resp: 19037

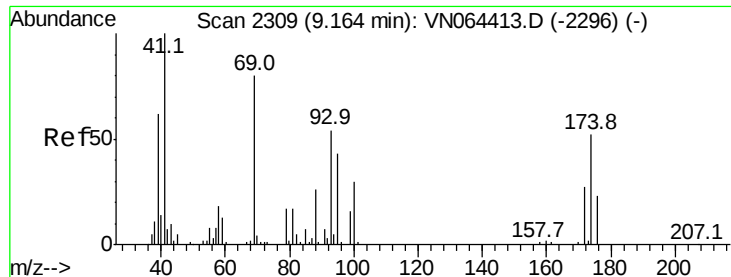
Ion Ratio Lower Upper

88 100

43 41.0 32.0 48.0

58 67.3 59.1 88.7

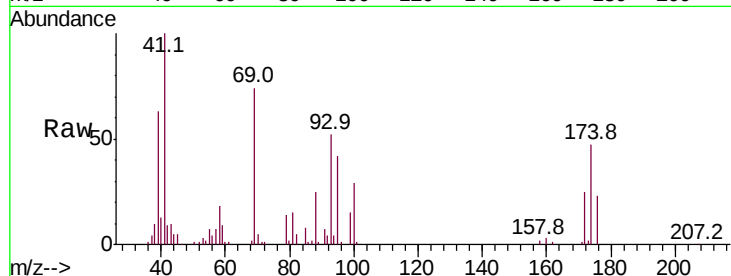




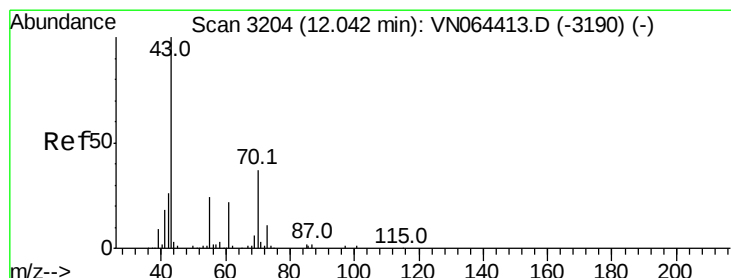
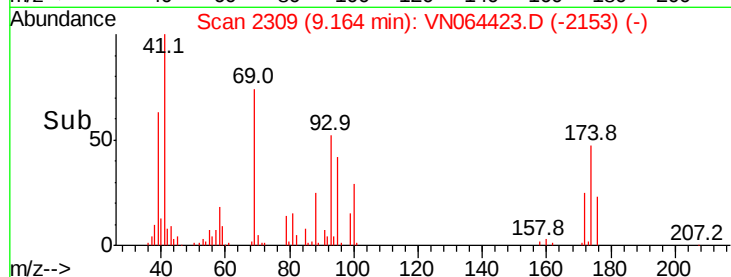
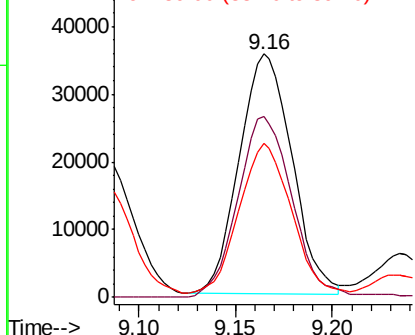
#46
Methyl methacrylate
Concen: 18.156 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 41 Resp: 67274
Ion Ratio Lower Upper
41 100
69 75.6 39.8 119.4
39 62.6 30.5 91.5

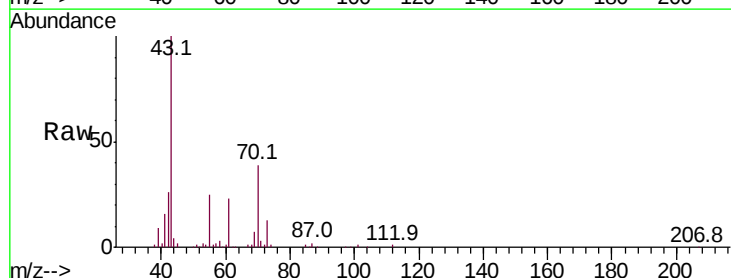


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

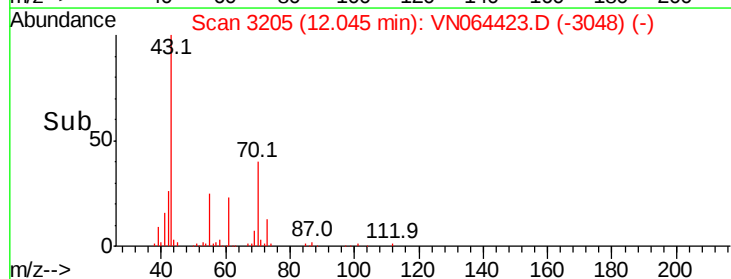
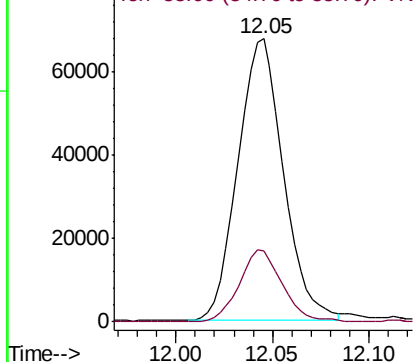


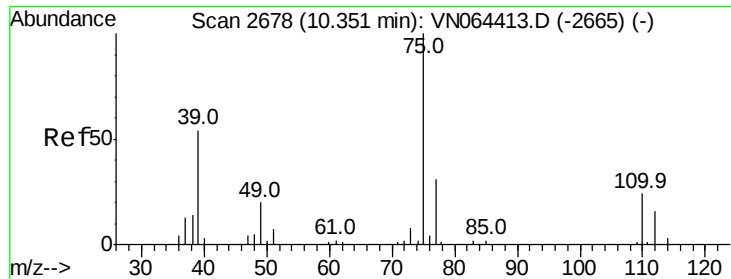
#47
n-ethyl acetate
Concen: 17.409 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 43 Resp: 111130
Ion Ratio Lower Upper
43 100
55 24.1 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 55.00 (54.70 to 55.70): VN0

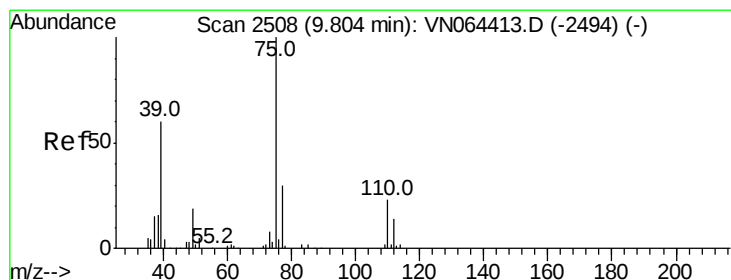
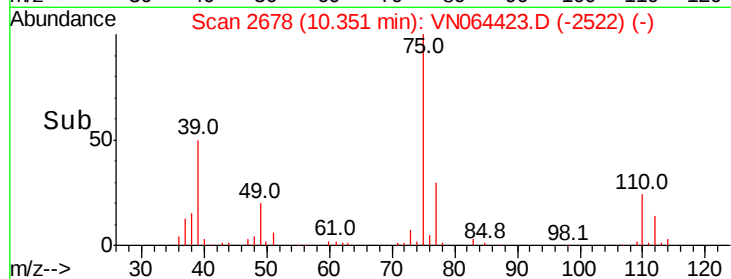
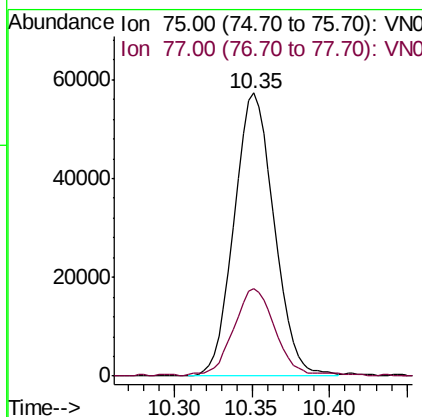
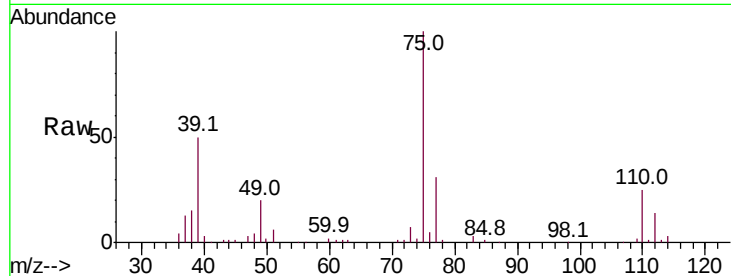




#48
t-1,3-Dichloropropene
Concen: 17.532 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

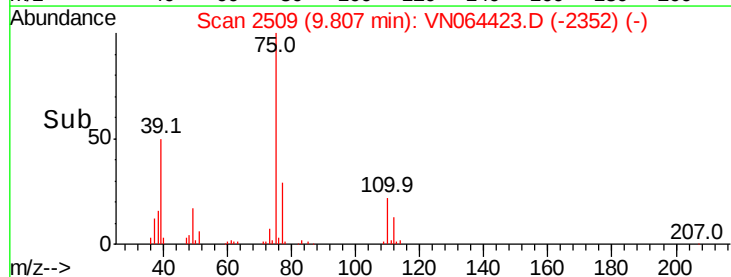
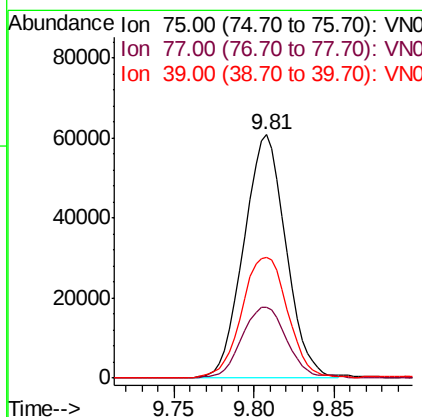
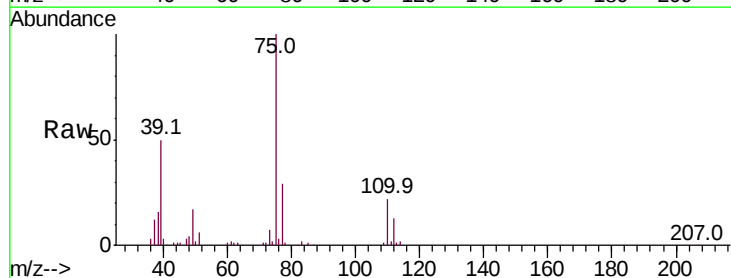
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

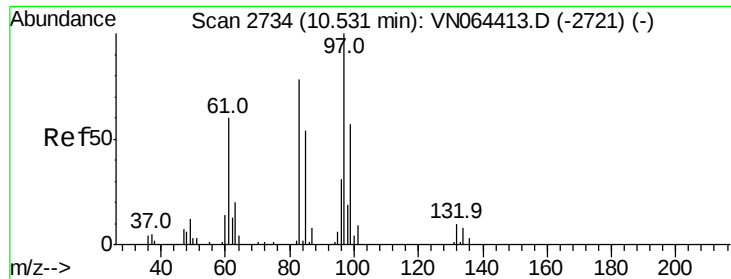
Tot Ion: 75 Resp: 103341
Ion Ratio Lower Upper
75 100
77 30.1 24.9 37.3



#49
cis-1,3-Dichloropropene
Concen: 17.970 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 75 Resp: 109603
Ion Ratio Lower Upper
75 100
77 29.3 24.3 36.5
39 49.3 48.0 72.0





#50

1,1,2-Trichloroethane

Concen: 18.420 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 97 Resp: 62539

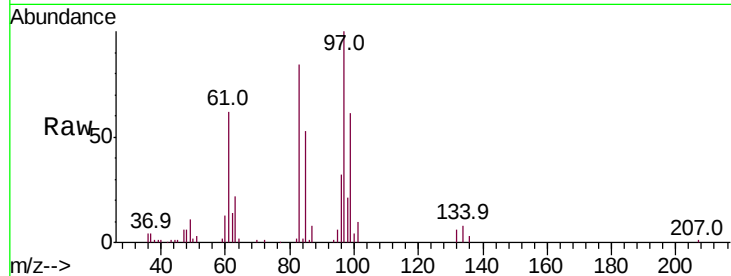
Ion Ratio Lower Upper

97 100

83 84.2 62.4 93.6

85 53.2 42.9 64.3

99 61.1 45.7 68.5

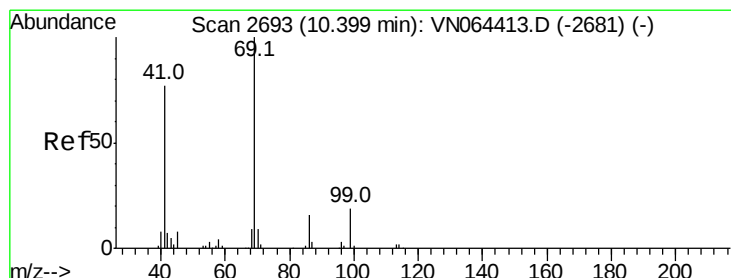
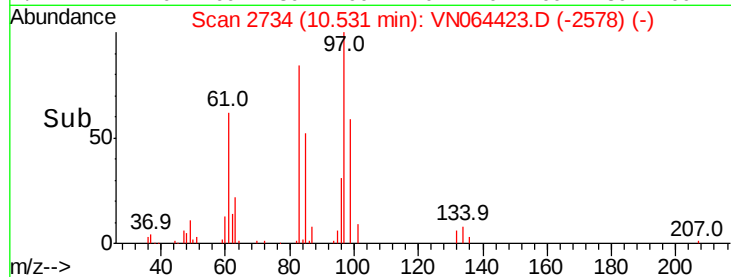
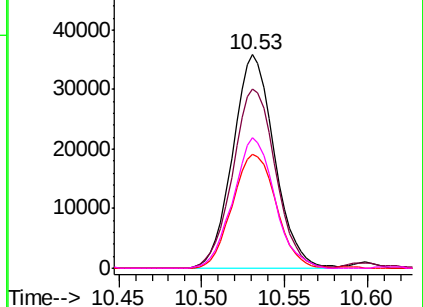


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0



#51

Ethyl methacrylate

Concen: 17.299 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

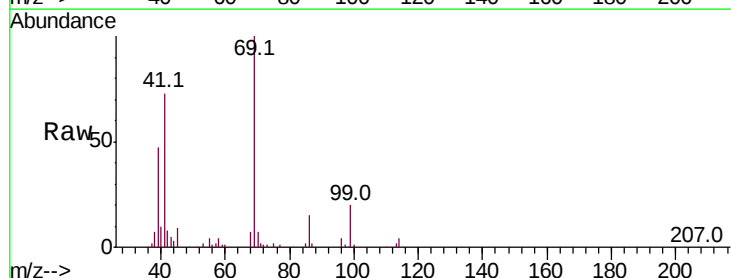
Tgt Ion: 69 Resp: 84367

Ion Ratio Lower Upper

69 100

41 72.3 38.4 115.2

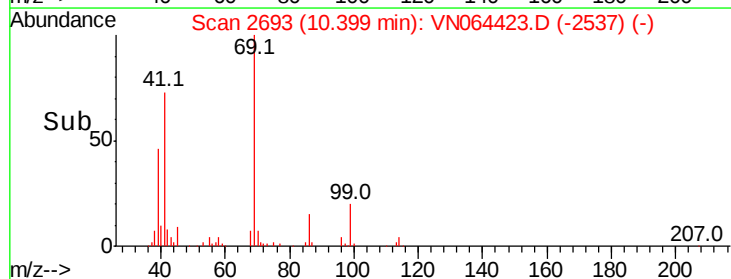
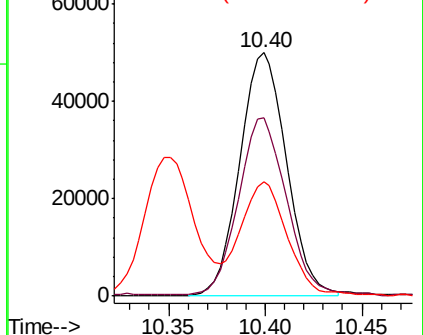
39 45.4 22.7 68.0

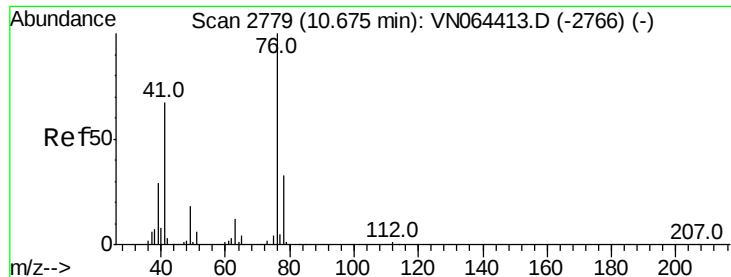


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#52

1,3-Dichloropropane

Concen: 17.937 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

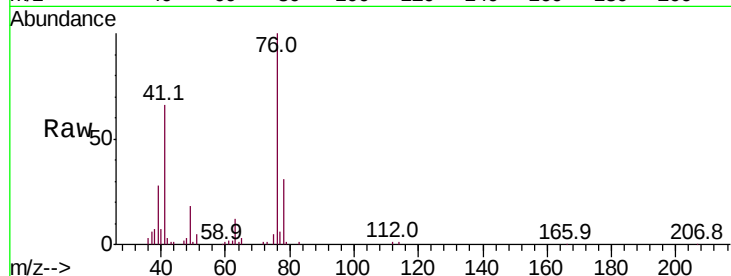
VSTDCCC020EC

Tot Ion: 76 Resp: 102697

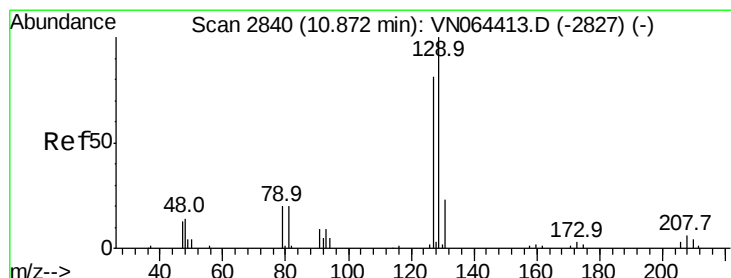
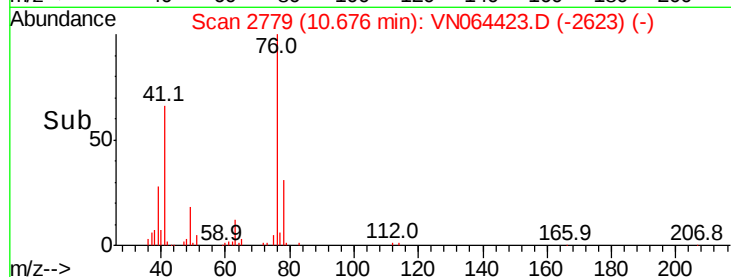
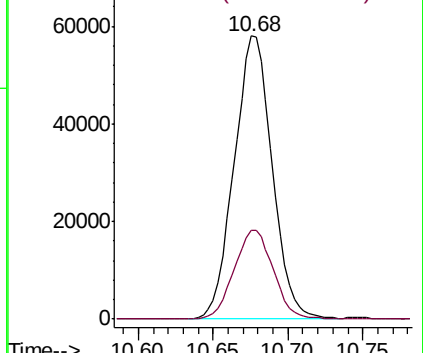
Ion Ratio Lower Upper

76 100

78 32.3 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VN064413.D (-2766) (-)



#53

Dibromochloromethane

Concen: 17.466 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN064423.D

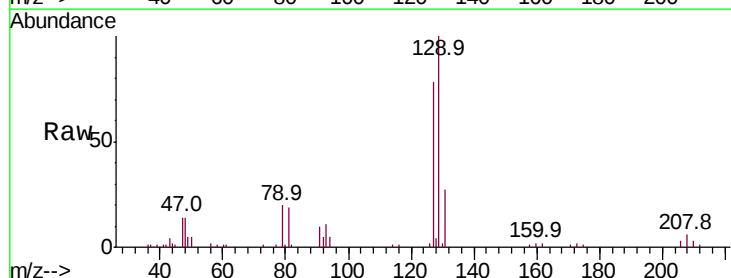
Acq: 2 Nov 2020 18:48

Tgt Ion: 129 Resp: 72839

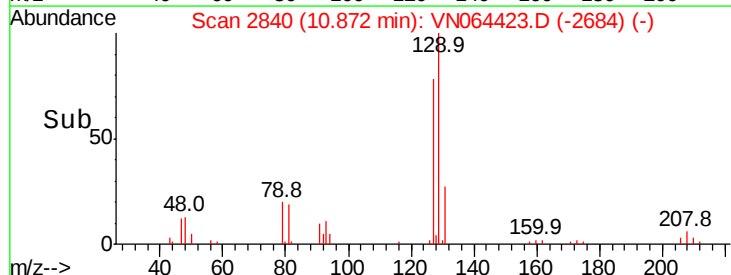
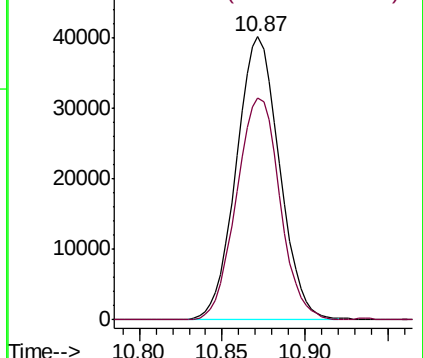
Ion Ratio Lower Upper

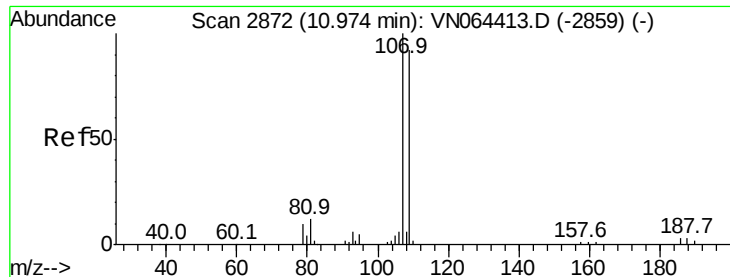
129 100

127 78.9 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): VN064413.D (-2827) (-)





#54

1,2-Dibromoethane

Concen: 18.085 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

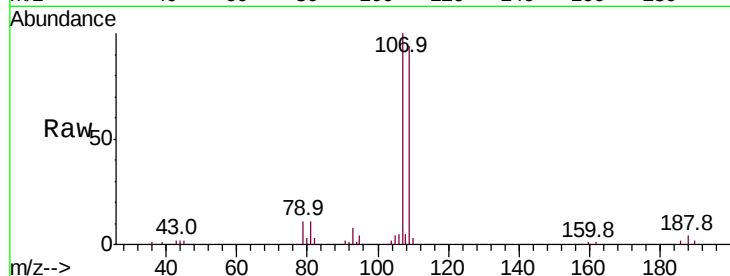
VSTDCCC020EC

Tot Ion:107 Resp: 65723

Ion Ratio Lower Upper

107 100

109 95.0 76.5 114.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.98

40000

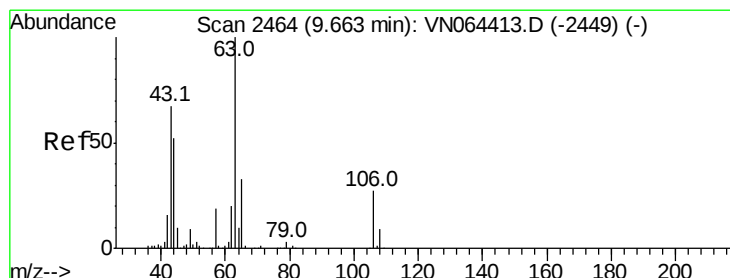
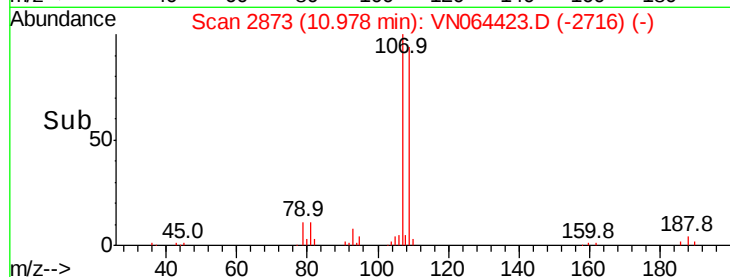
30000

20000

10000

0

Time--> 10.90 10.95 11.00



#55

2-Chloroethyl vinyl ether

Concen: 85.726 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

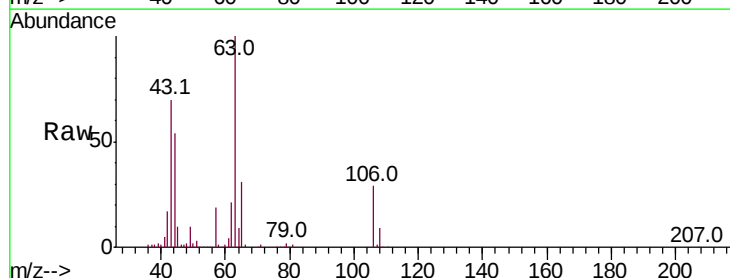
Tgt Ion: 63 Resp: 224709

Ion Ratio Lower Upper

63 100

65 32.2 26.2 39.4

106 28.1 21.8 32.6



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

Ion 106.00 (105.70 to 106.70): V

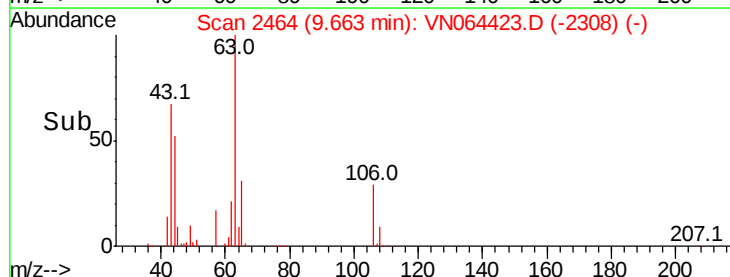
150000

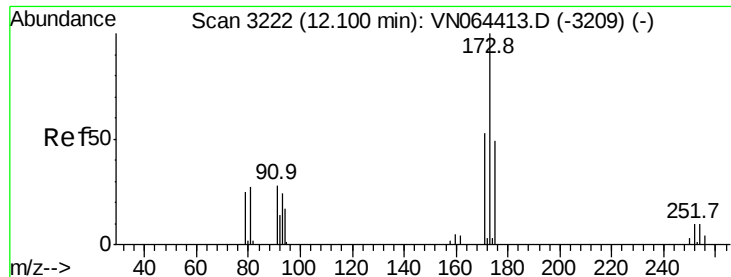
100000

50000

0

Time--> 9.60 9.65 9.70 9.75

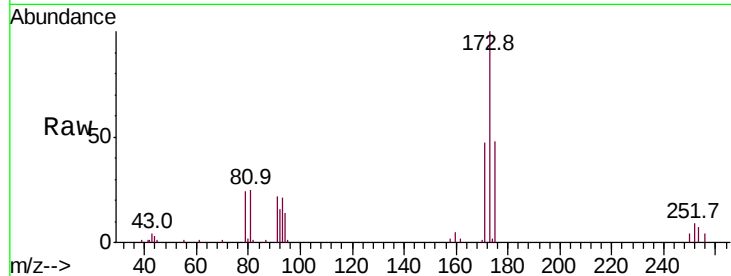




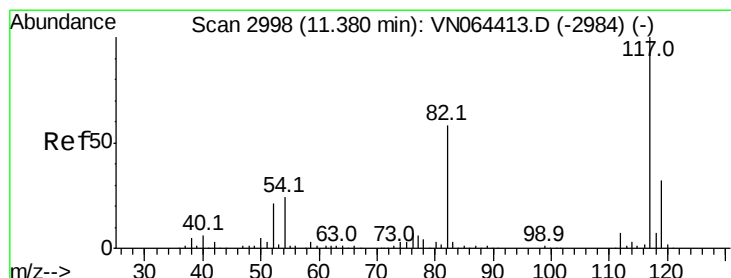
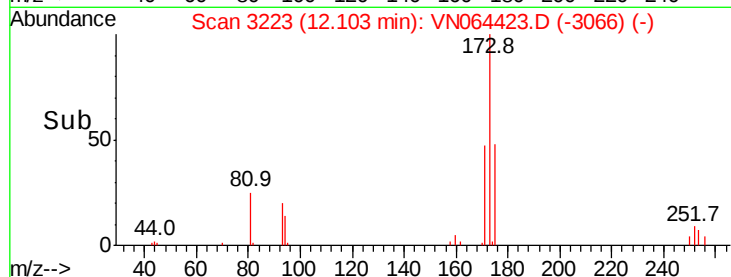
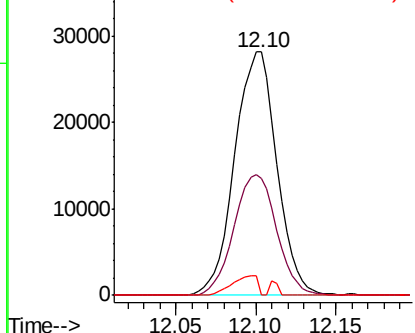
#56
Bromoform
Concen: 17.254 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:173 Resp: 50751
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.4
254 4.9 7.0 10.6#

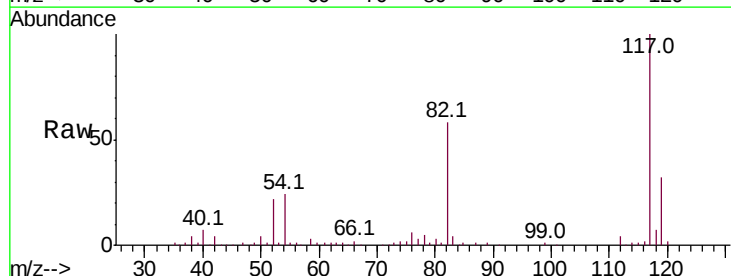


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

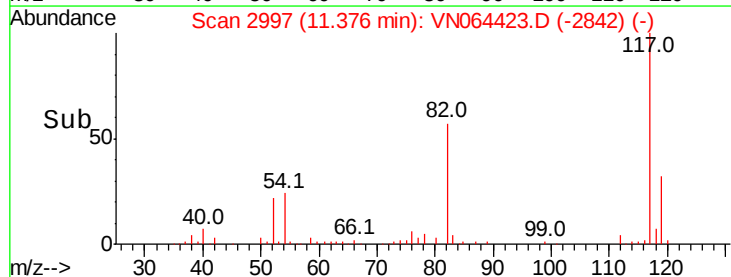
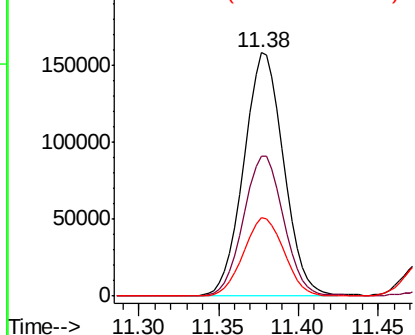


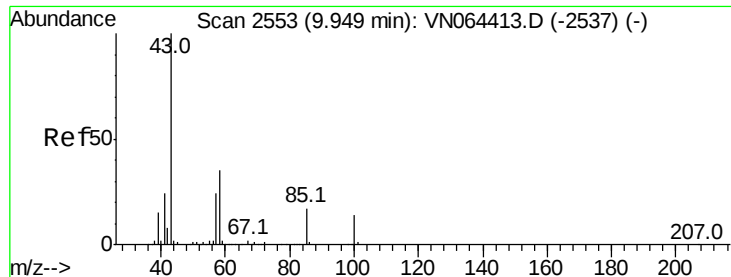
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion:117 Resp: 270133
Ion Ratio Lower Upper
117 100
82 58.2 46.1 69.1
119 32.8 26.2 39.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

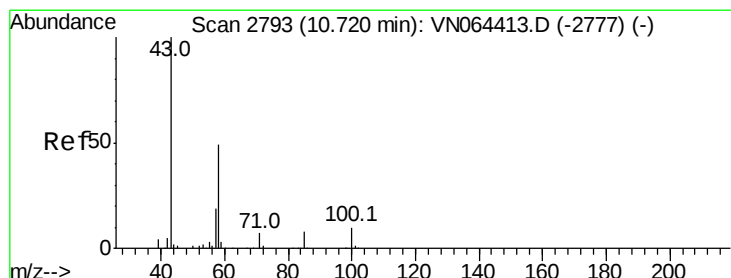
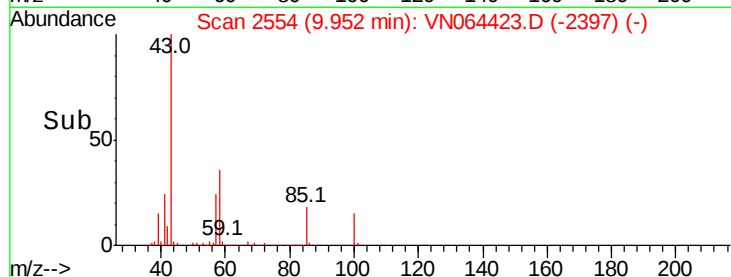
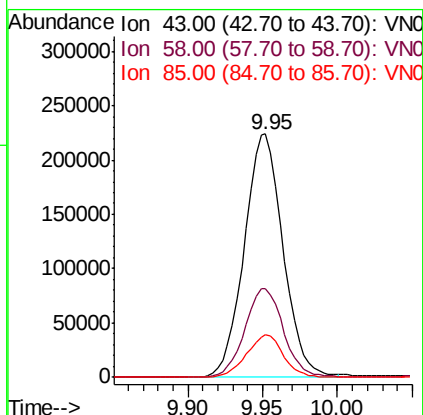
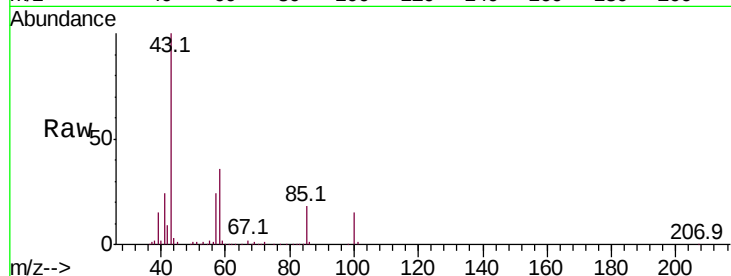




#58
4-Methyl-2-Pentanone
Concen: 93.981 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

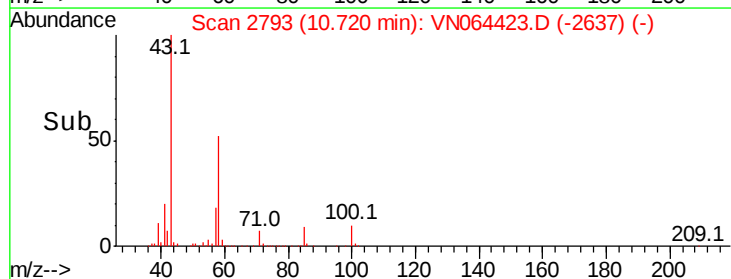
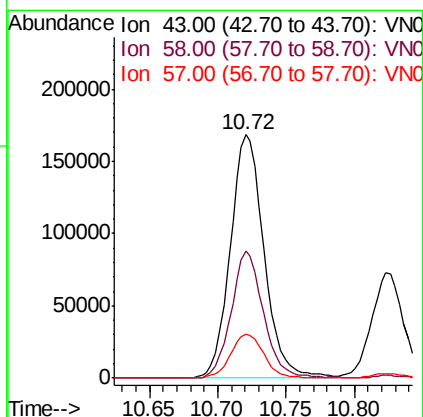
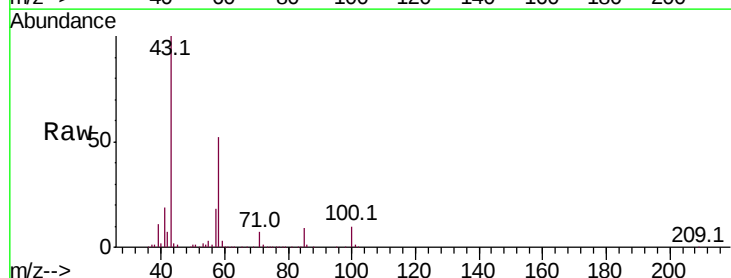
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

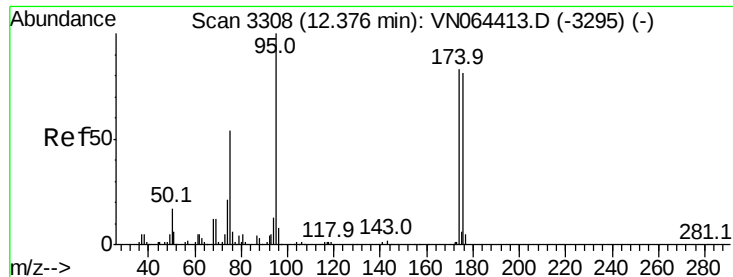
Tot Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.6	43.0
85	16.9	13.5	20.3



#59
2-Hexanone
Concen: 89.972 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.1	39.4	59.0
57	18.0	14.4	21.6

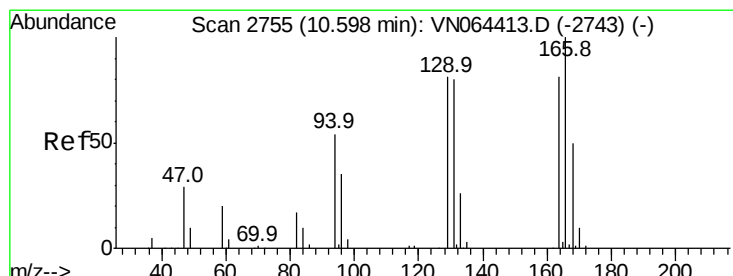
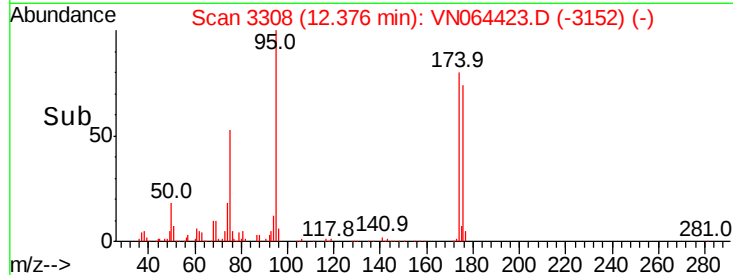
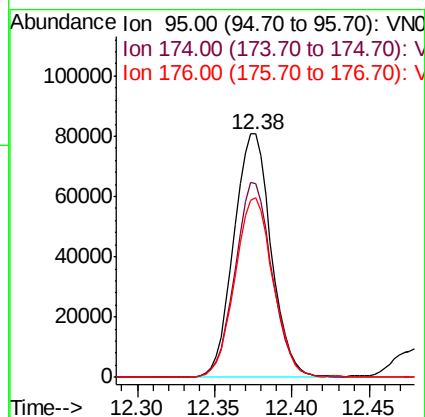
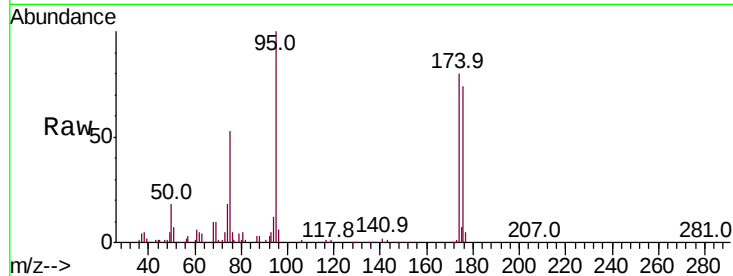




#60
4-Bromofluorobenzene
Concen: 29.749 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

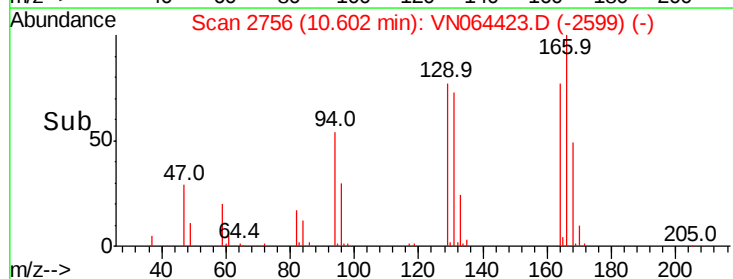
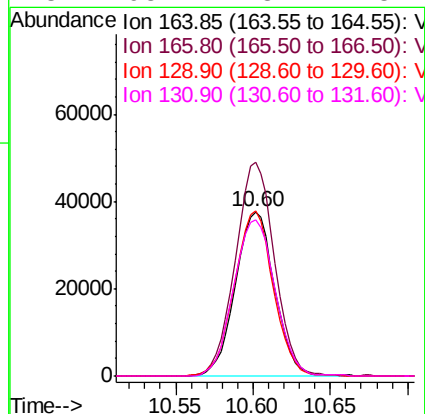
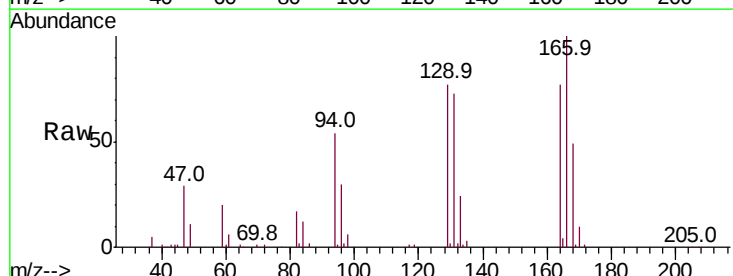
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

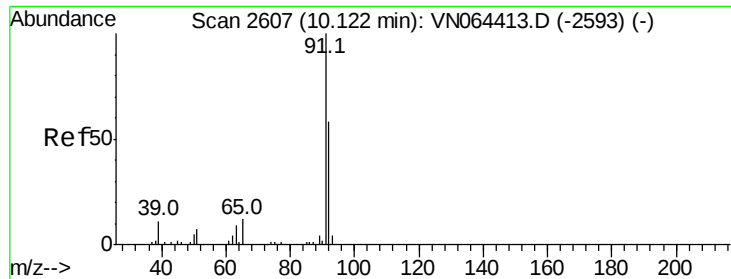
Tot Ion: 95 Resp: 135813
Ion Ratio Lower Upper
95 100
174 79.2 65.2 97.8
176 75.1 62.2 93.4



#61
Tetrachloroethene
Concen: 18.013 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 164 Resp: 65962
Ion Ratio Lower Upper
164 100
166 130.1 98.7 148.1
129 100.3 80.2 120.4
131 95.1 78.7 118.1





#62

Toluene

Concen: 17.732 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

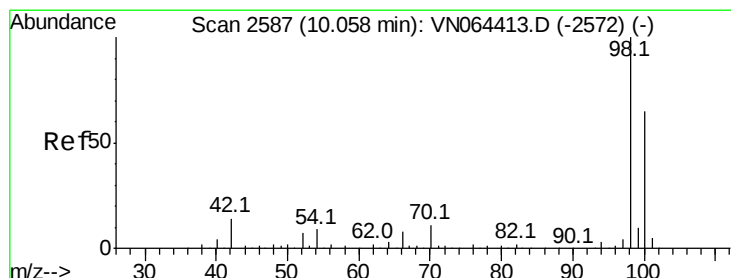
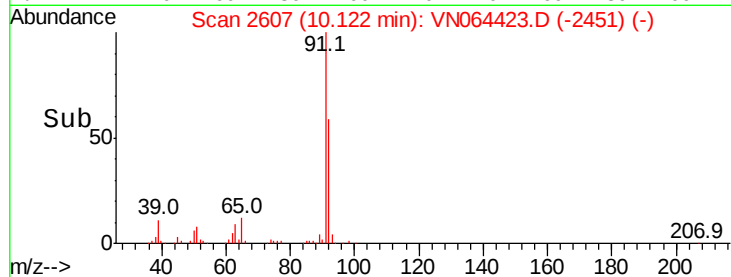
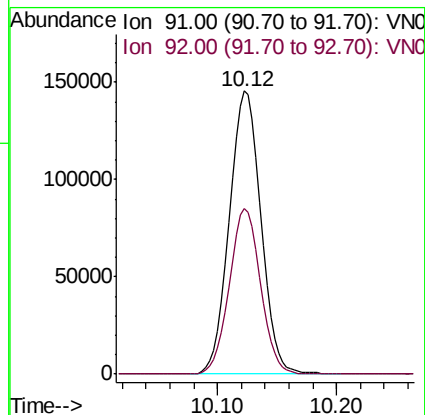
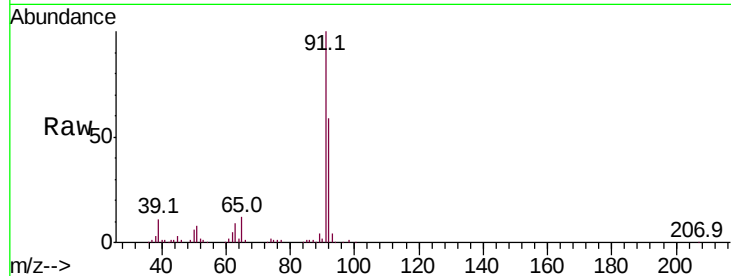
VSTDCCC020EC

Tot Ion: 91 Resp: 268295

Ion Ratio Lower Upper

91 100

92 57.7 46.2 69.4



#63

Toluene-d8

Concen: 30.573 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064423.D

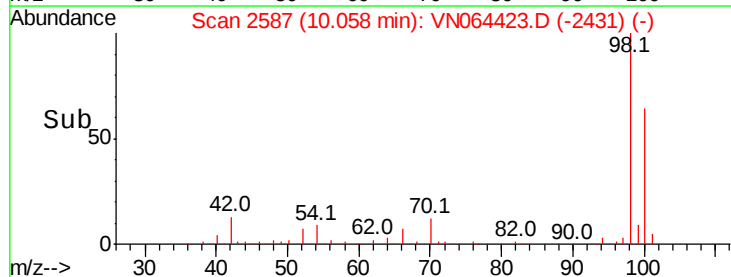
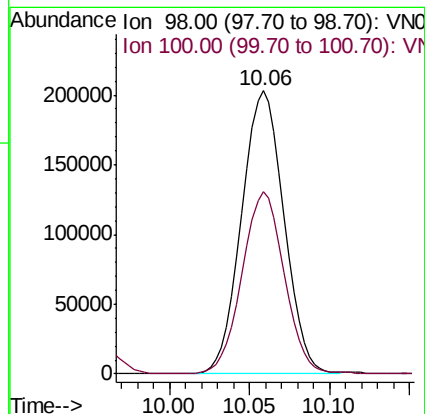
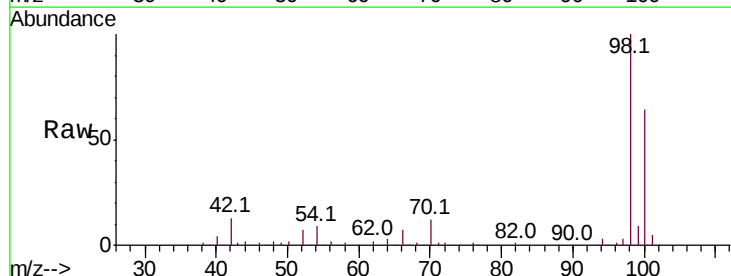
Acq: 2 Nov 2020 18:48

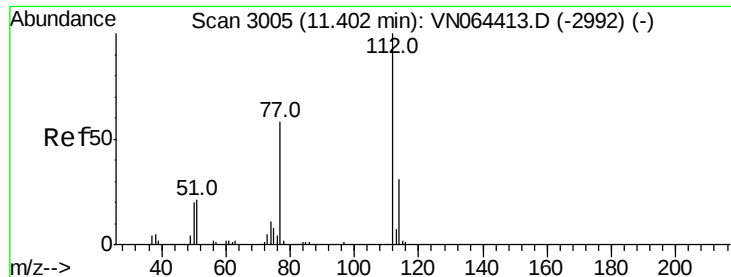
Tgt Ion: 98 Resp: 368288

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9

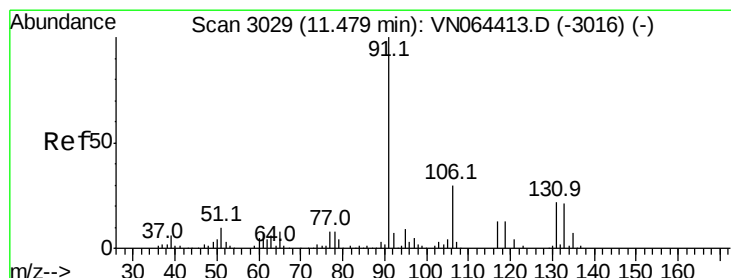
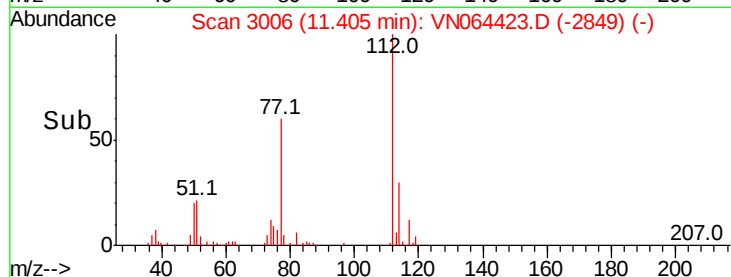
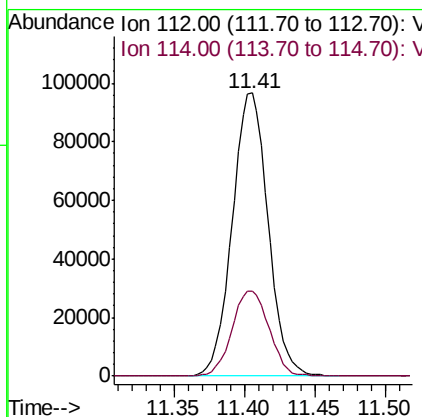
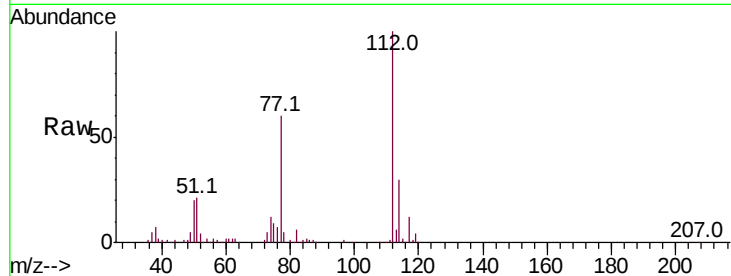




#64
Chlorobenzene
Concen: 18.135 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

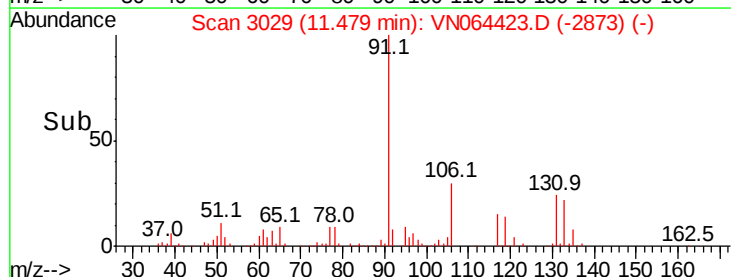
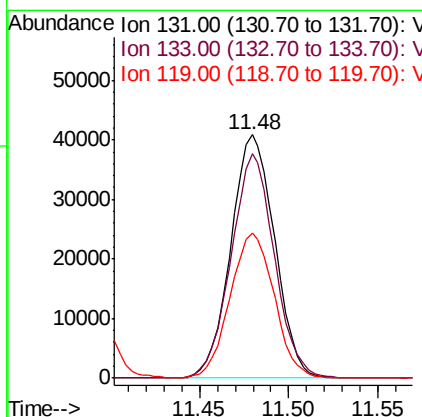
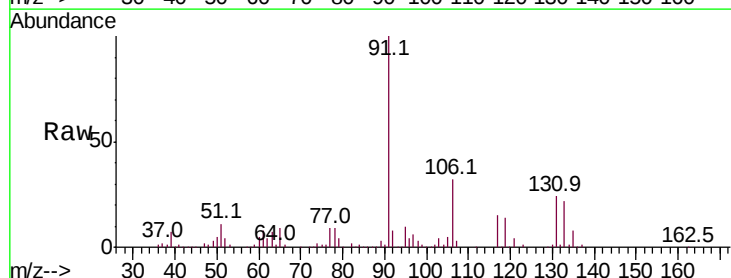
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

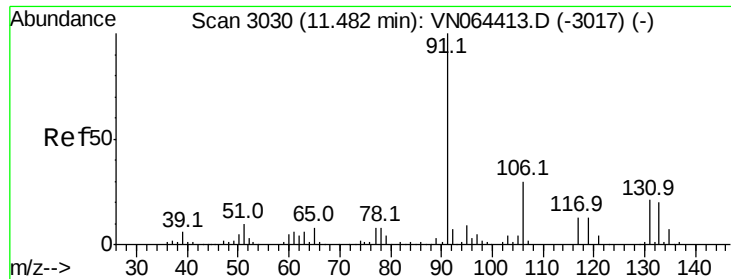
Tot Ion:112 Resp: 171778
Ion Ratio Lower Upper
112 100
114 30.2 24.8 37.2



#65
1,1,1,2-Tetrachloroethane
Concen: 18.937 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion:131 Resp: 69693
Ion Ratio Lower Upper
131 100
133 91.2 0.0 191.2
119 60.1 0.0 125.6





#66

Ethyl Benzene

Concen: 17.622 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

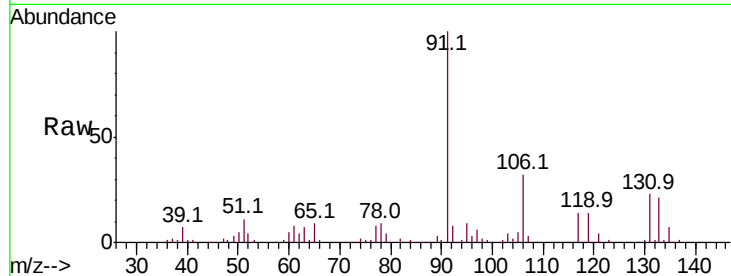
VSTDCCC020EC

Tot Ion: 91 Resp: 294220

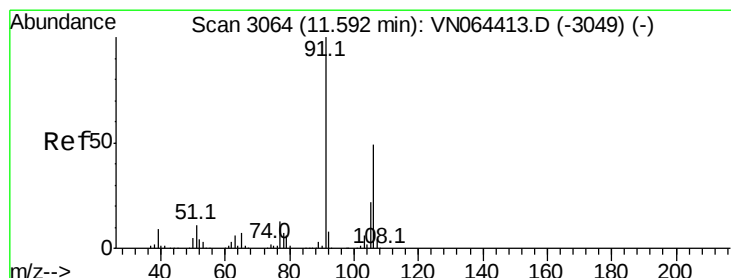
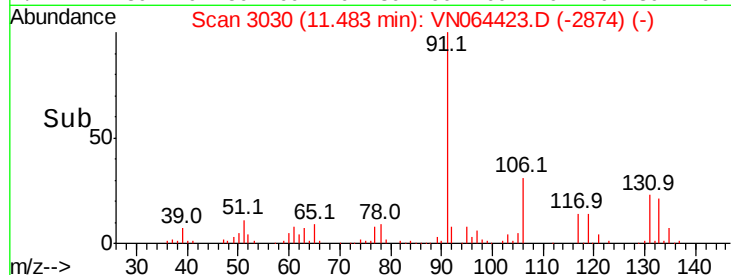
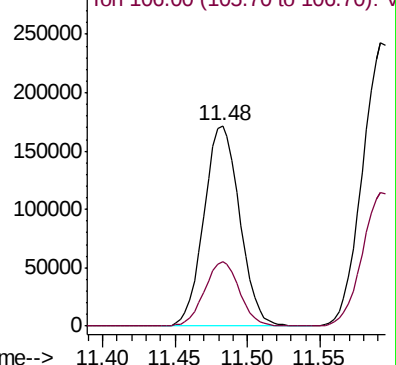
Ion Ratio Lower Upper

91 100

106 32.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN064413.D (-3017) (-)



#67

m/p-Xylenes

Concen: 35.319 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN064423.D

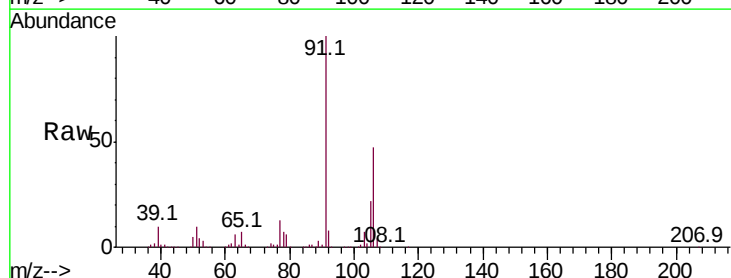
Acq: 2 Nov 2020 18:48

Tgt Ion: 106 Resp: 221803

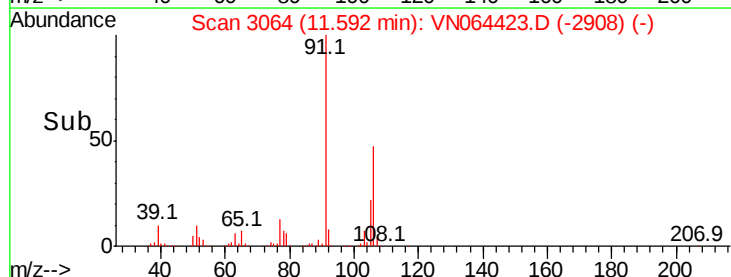
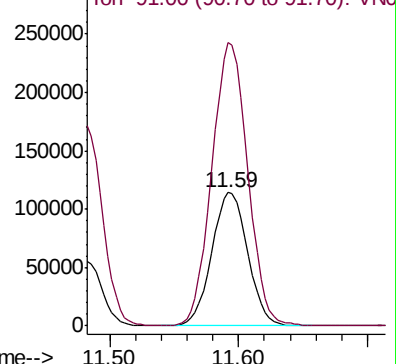
Ion Ratio Lower Upper

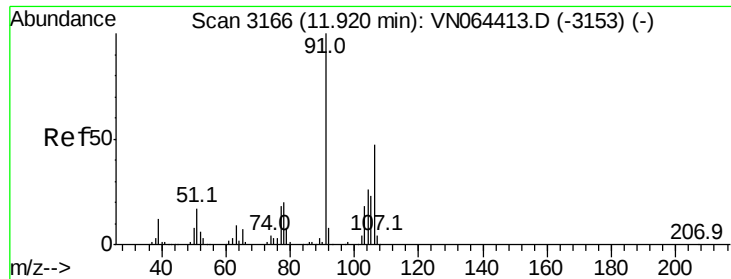
106 100

91 210.5 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): VN064413.D (-3049) (-)

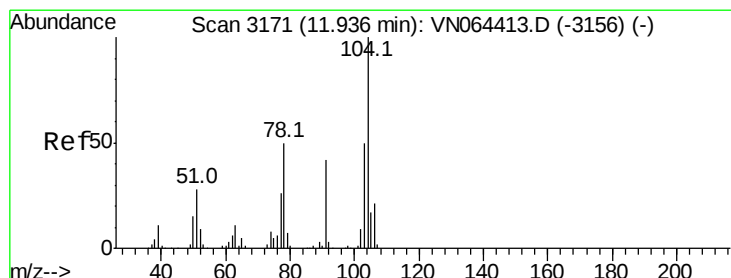
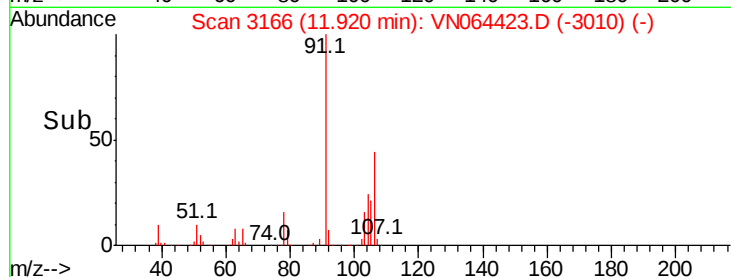
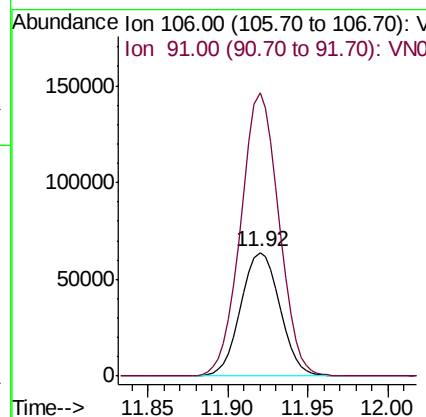
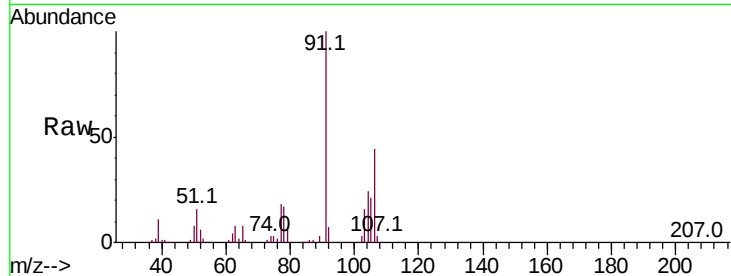




#68
o-Xylene
Concen: 17.630 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

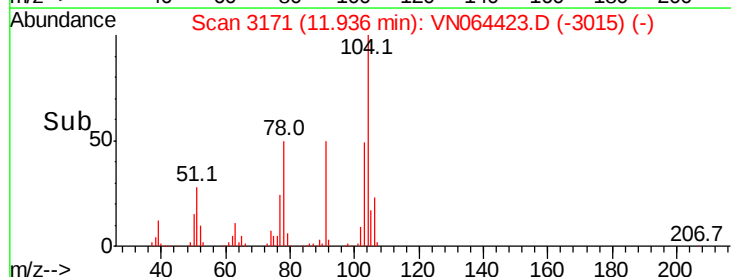
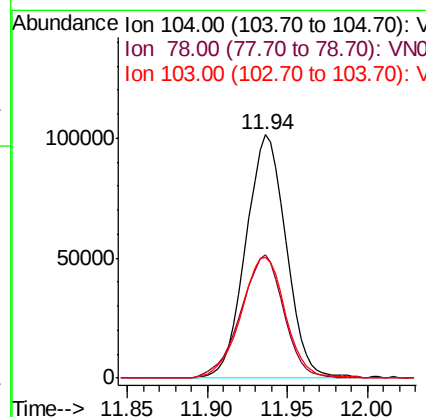
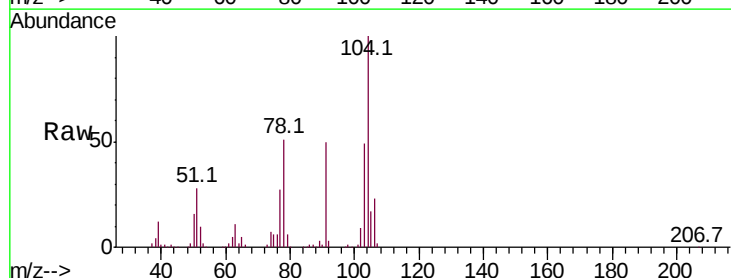
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

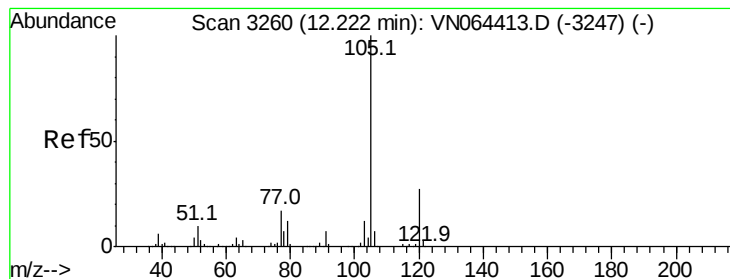
Tot Ion:106 Resp: 106697
Ion Ratio Lower Upper
106 100
91 223.1 106.7 320.1



#69
Styrene
Concen: 17.367 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion:104 Resp: 175253
Ion Ratio Lower Upper
104 100
78 53.9 44.3 66.5
103 54.7 43.5 65.3





#70

Isopropylbenzene

Concen: 17.792 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

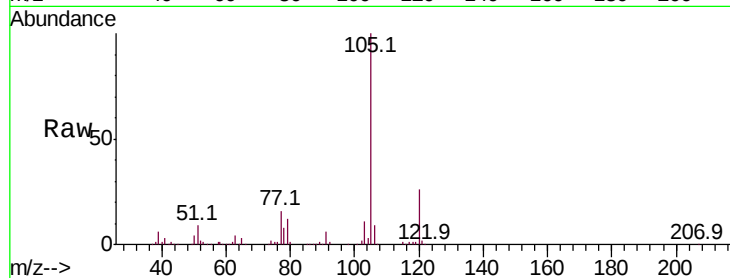
VSTDCCC020EC

Tot Ion:105 Resp: 278572

Ion Ratio Lower Upper

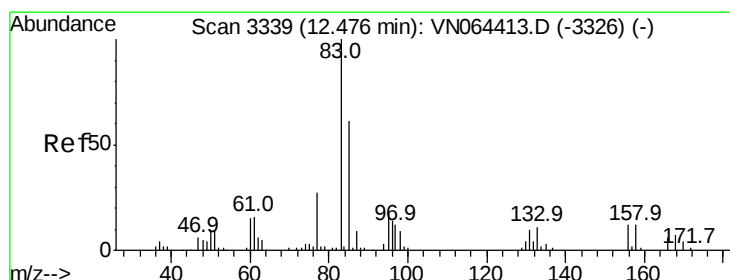
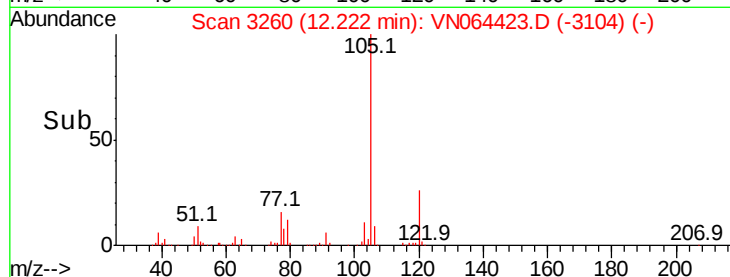
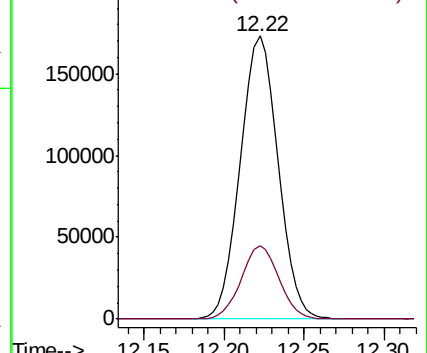
105 100

120 25.9 18.0 33.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 18.902 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

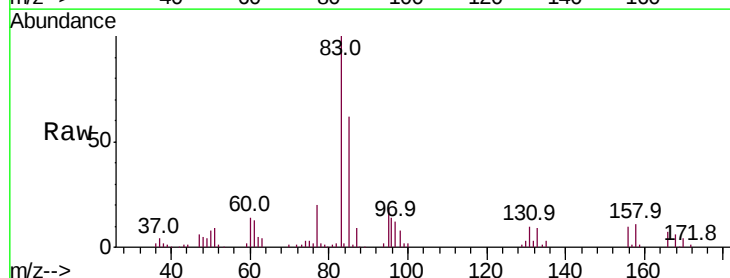
Tgt Ion: 83 Resp: 82297

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

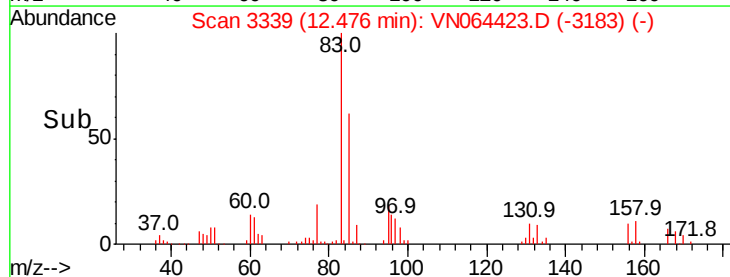
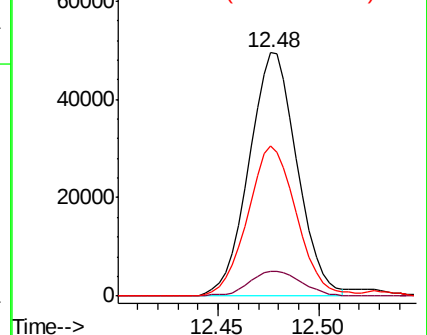
85 62.7 30.9 92.7

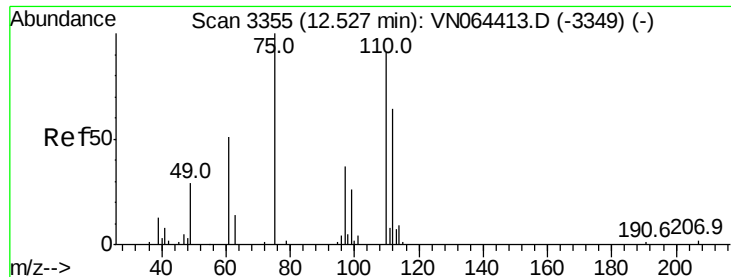


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): V





#72

1,2,3-Trichloropropane

Concen: 25.294 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

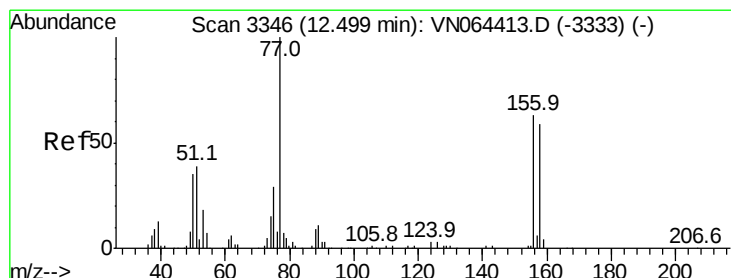
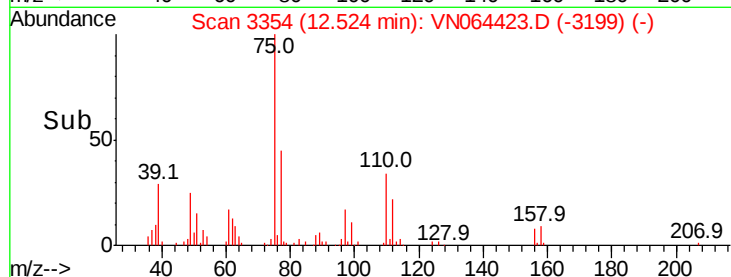
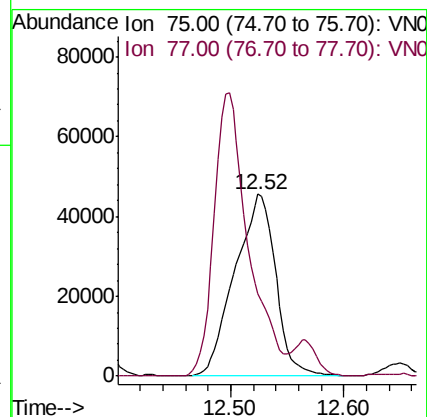
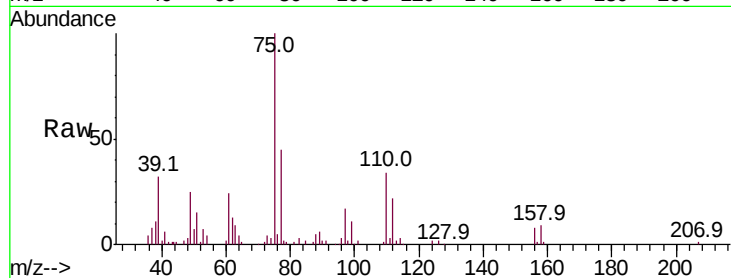
VSTDCCC020EC

Tot Ion: 75 Resp: 114983

Ion Ratio Lower Upper

75 100

77 130.1 0.0 374.2



#73

Bromobenzene

Concen: 18.066 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

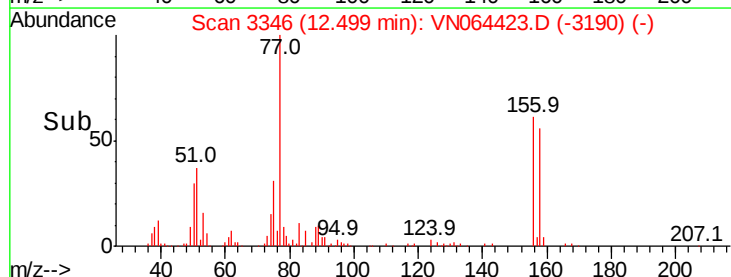
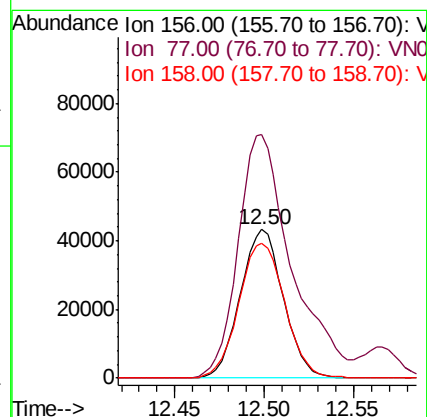
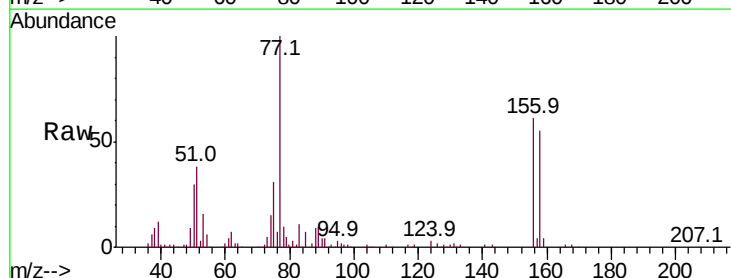
Tgt Ion: 156 Resp: 73389

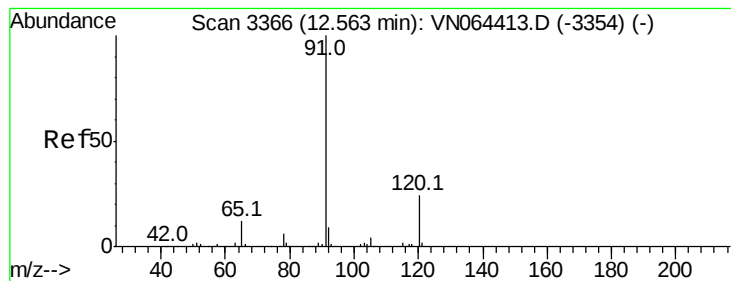
Ion Ratio Lower Upper

156 100

77 203.9 0.0 409.4

158 96.4 0.0 192.0





#74

n-propylbenzene

Concen: 17.911 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

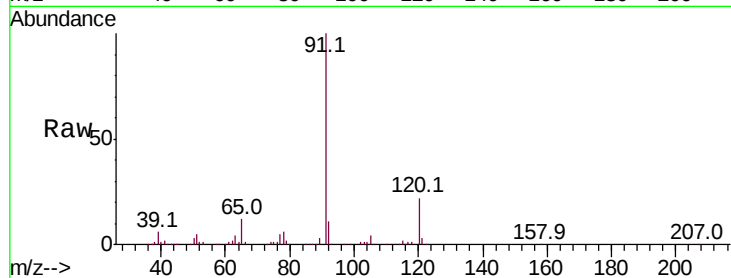
VSTDCCC020EC

Tot Ion: 91 Resp: 307493

Ion Ratio Lower Upper

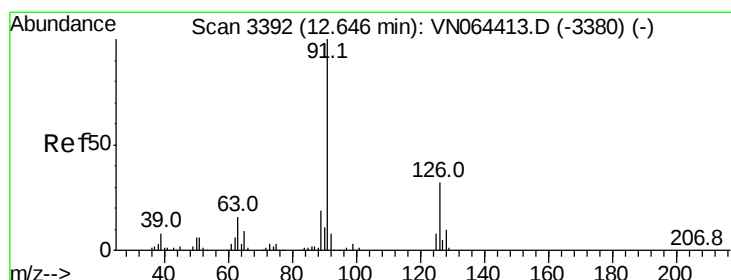
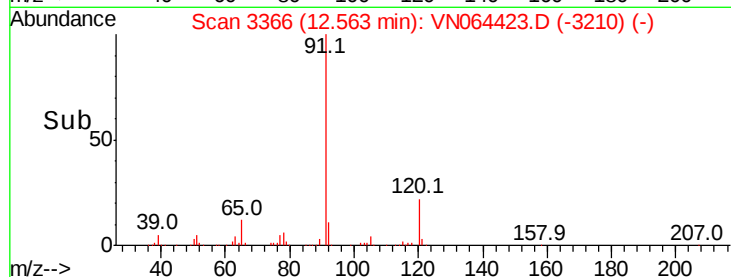
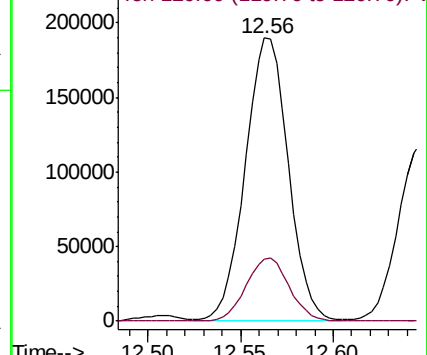
91 100

120 22.2 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 18.202 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064423.D

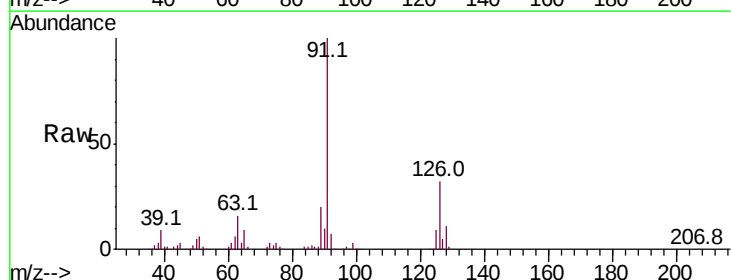
Acq: 2 Nov 2020 18:48

Tgt Ion: 91 Resp: 197958

Ion Ratio Lower Upper

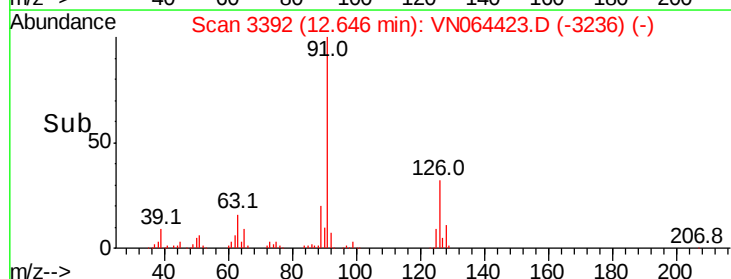
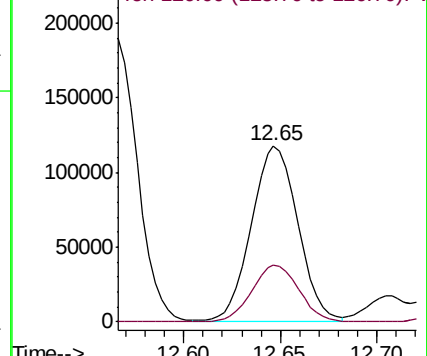
91 100

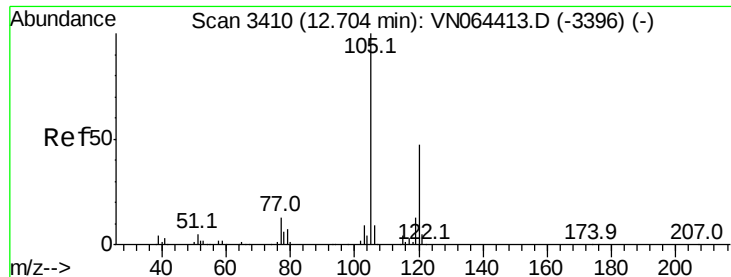
126 32.6 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#76

1,3,5-Trimethylbenzene

Concen: 17.767 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

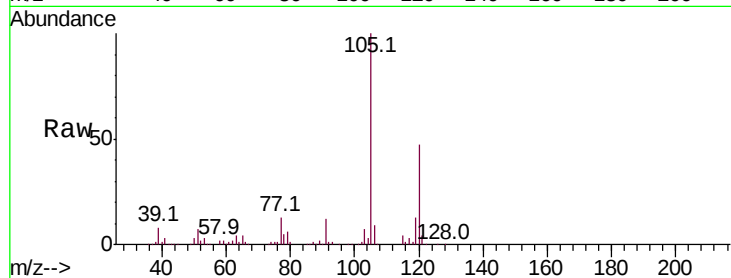
VSTDCCC020EC

Tot Ion:105 Resp: 229150

Ion Ratio Lower Upper

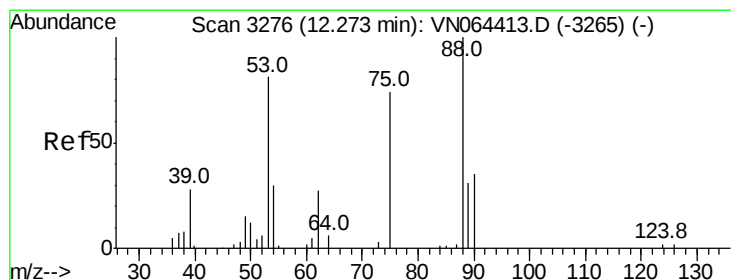
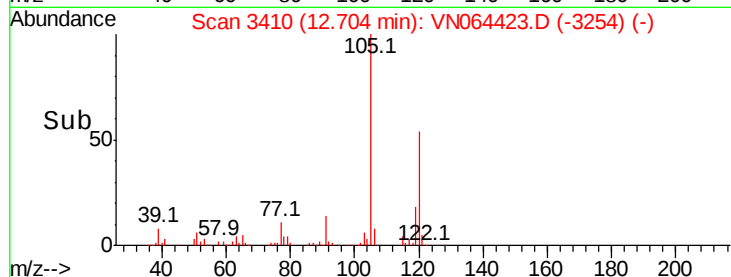
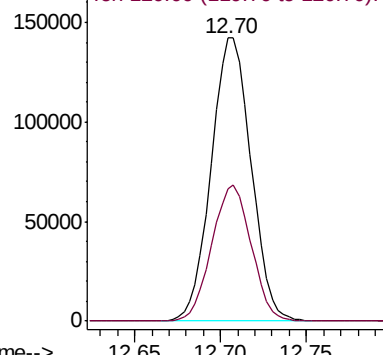
105 100

120 47.6 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 16.552 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

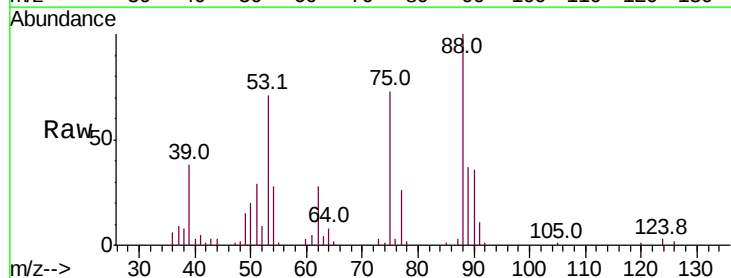
Tgt Ion: 75 Resp: 26525

Ion Ratio Lower Upper

75 100

53 95.0 54.1 162.4

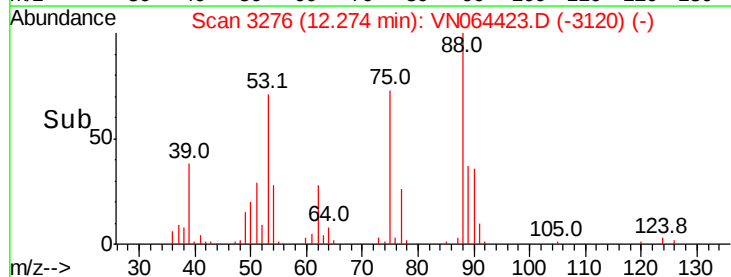
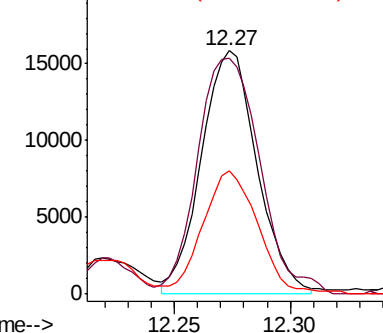
89 50.3 23.1 69.3

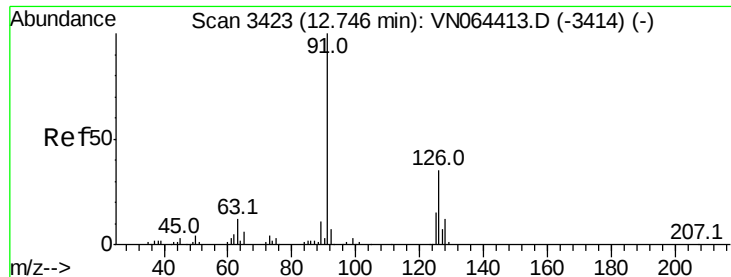


Abundance Ion 75.00 (74.70 to 75.70): VNC

Ion 53.00 (52.70 to 53.70): VNC

Ion 89.00 (88.70 to 89.70): VNC





#78

4-Chlorotoluene

Concen: 17.863 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

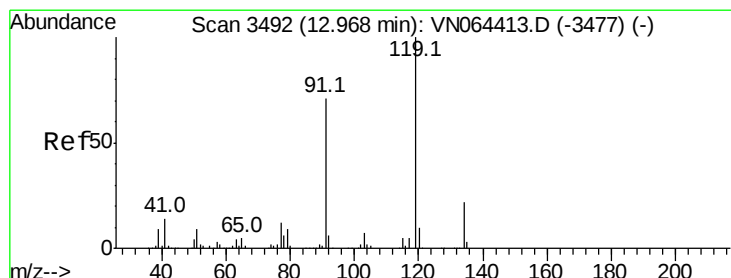
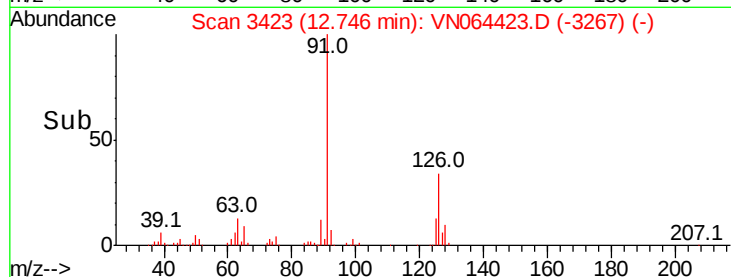
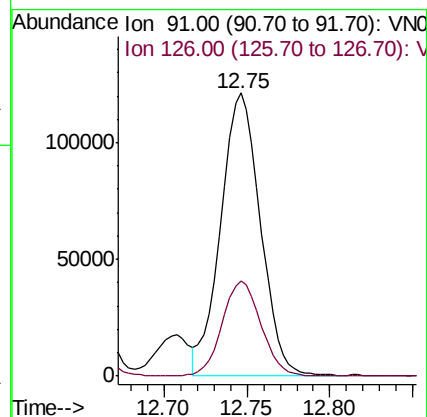
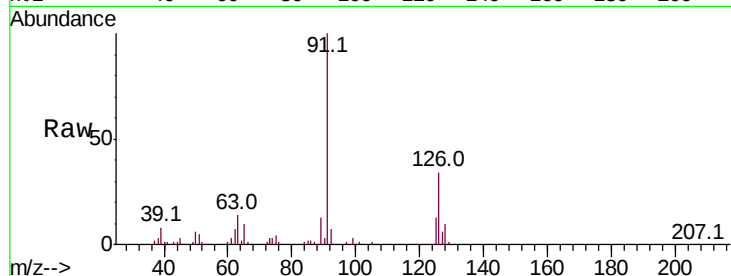
VSTDCCC020EC

Tot Ion: 91 Resp: 200706

Ion Ratio Lower Upper

91 100

126 33.1 0.0 63.2



#79

tert-butylbenzene

Concen: 17.354 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

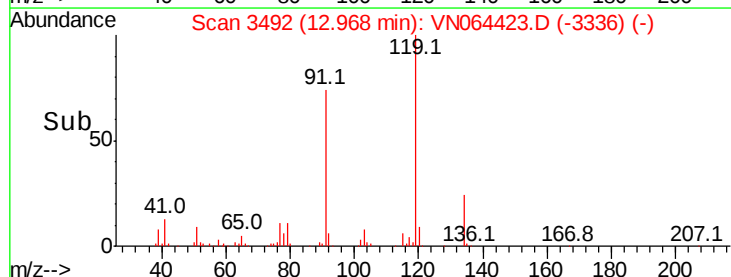
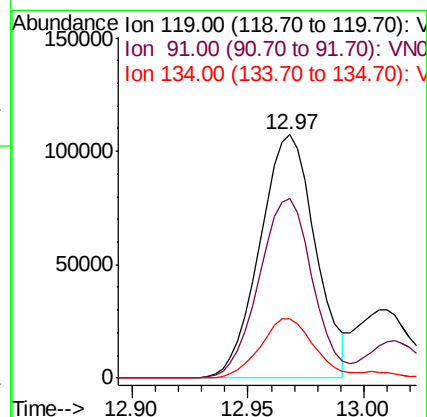
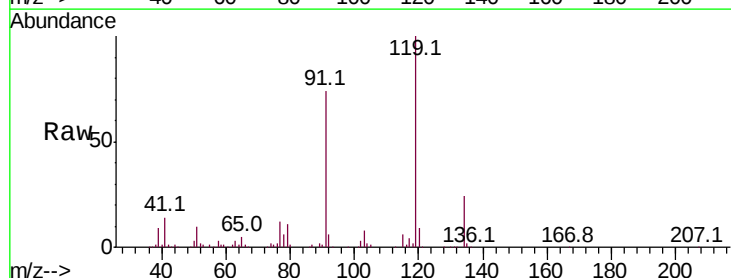
Tgt Ion: 119 Resp: 179015

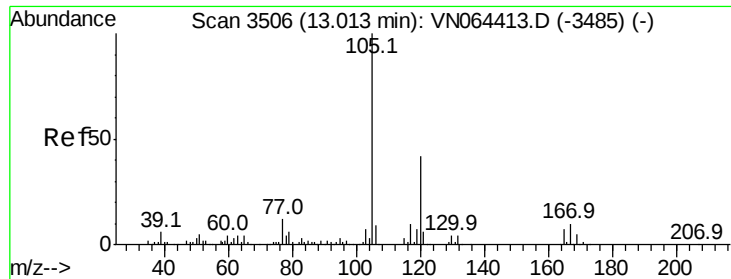
Ion Ratio Lower Upper

119 100

91 71.2 0.0 140.4

134 23.6 0.0 46.2

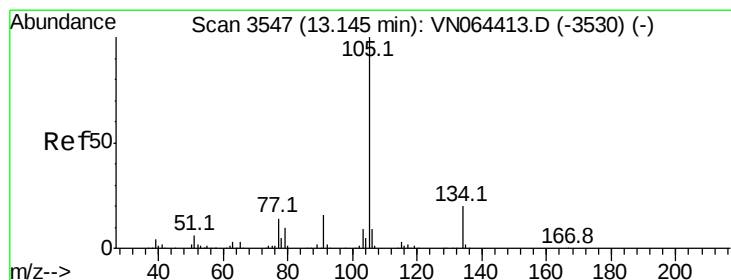
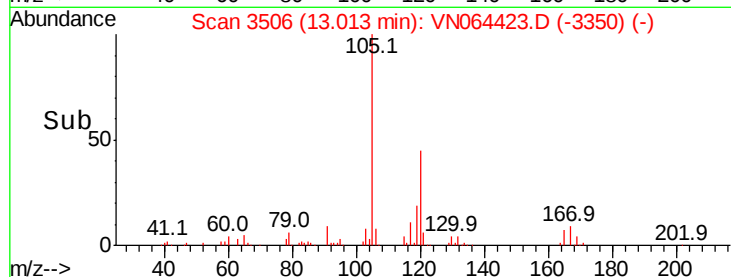
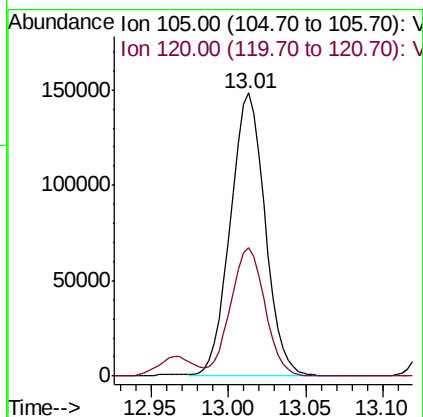
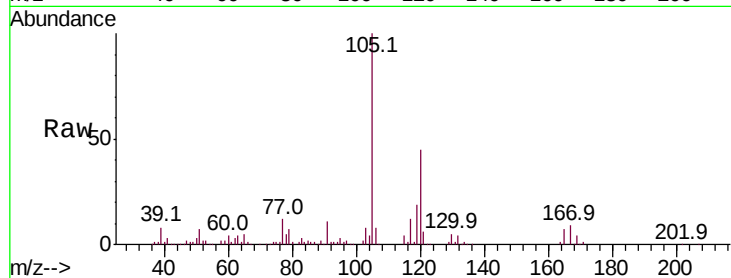




#80
1,2,4-Trimethylbenzene
Concen: 17.704 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

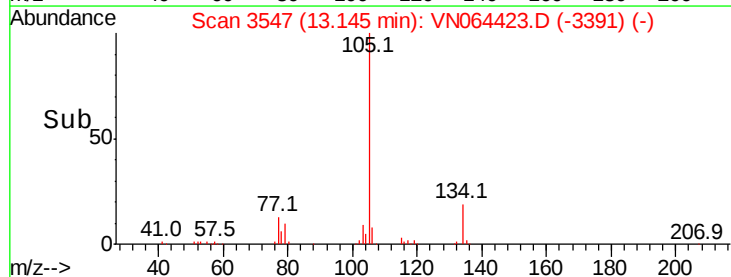
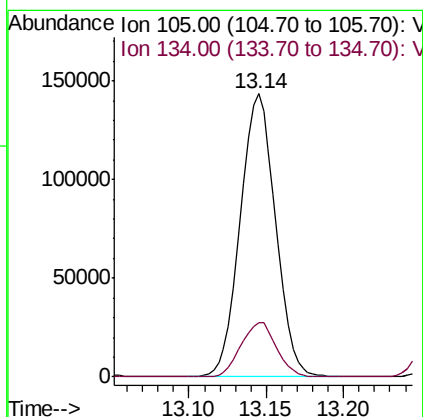
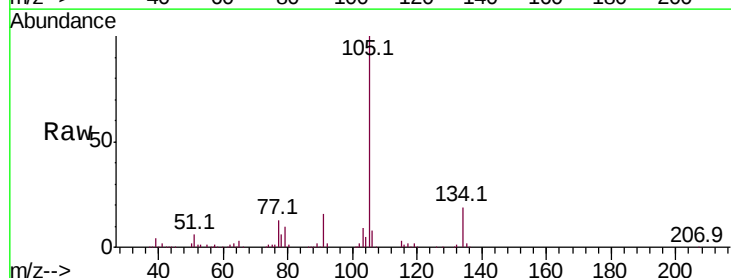
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

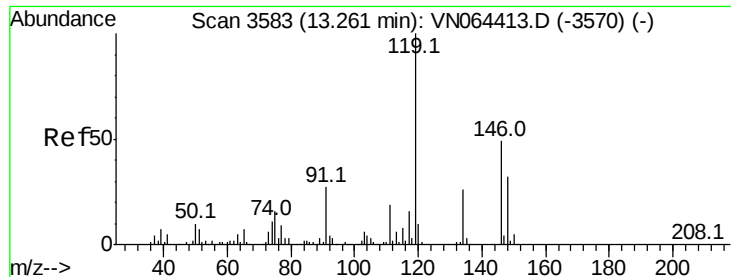
Tot Ion:105 Resp: 231345
Ion Ratio Lower Upper
105 100
120 45.0 0.0 88.0



#81
sec-Butylbenzene
Concen: 17.524 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion:105 Resp: 228023
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.2

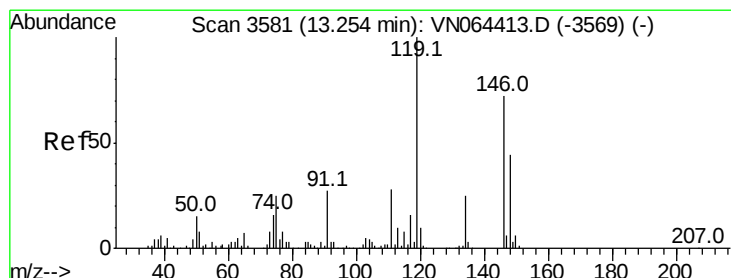
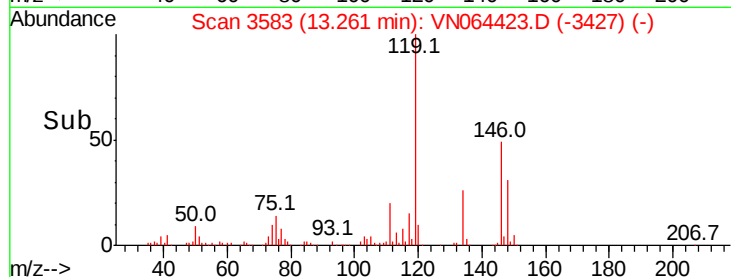
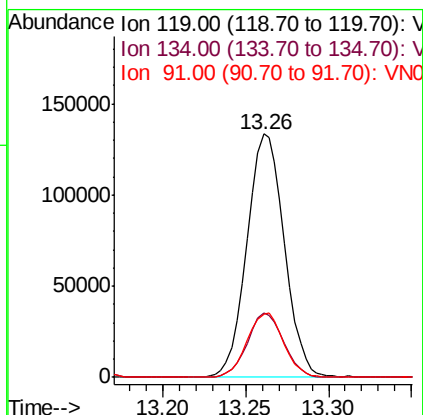
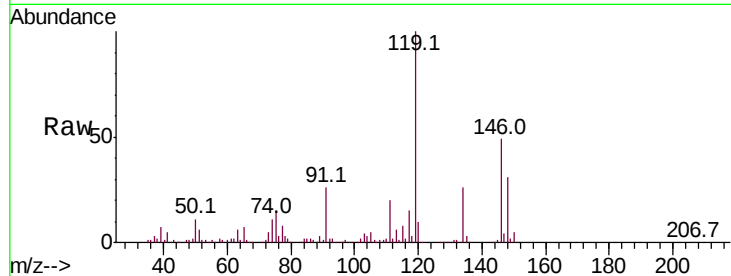




#82
p-Isopropyltoluene
Concen: 17.546 ug/l
RT: 13.26 min Scan# 3583
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

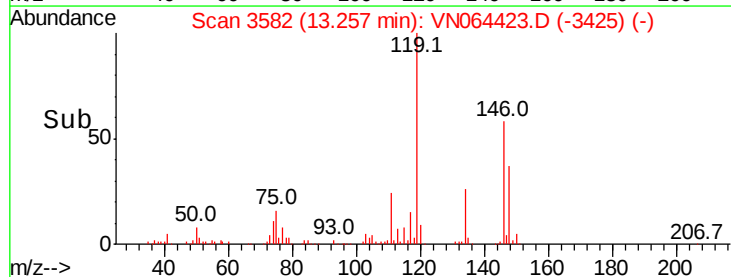
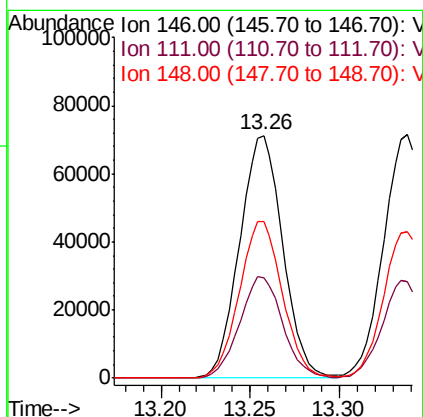
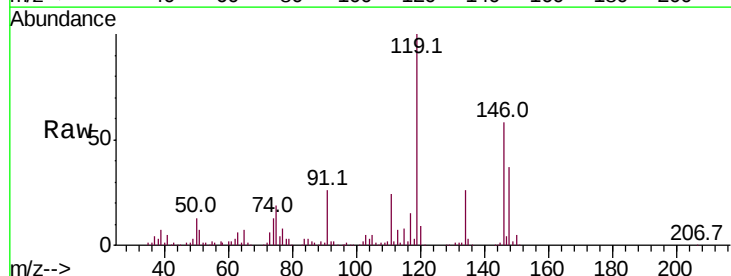
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

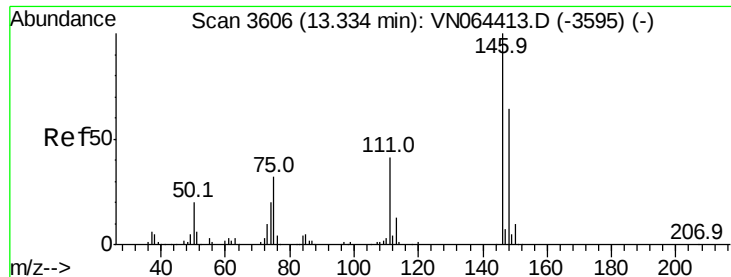
Tot Ion:119 Resp: 209779
Ion Ratio Lower Upper
119 100
134 25.6 0.0 51.0
91 26.1 0.0 51.4



#83
1,3-Dichlorobenzene
Concen: 17.408 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion:146 Resp: 120141
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.3 31.9 95.5

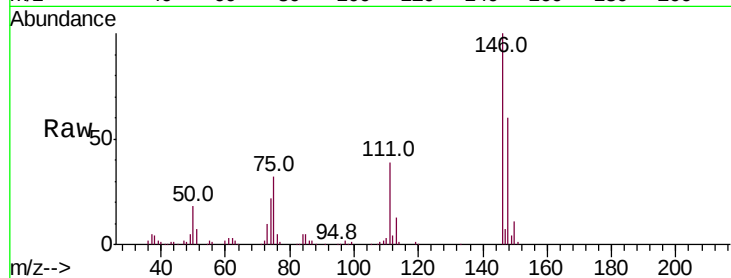




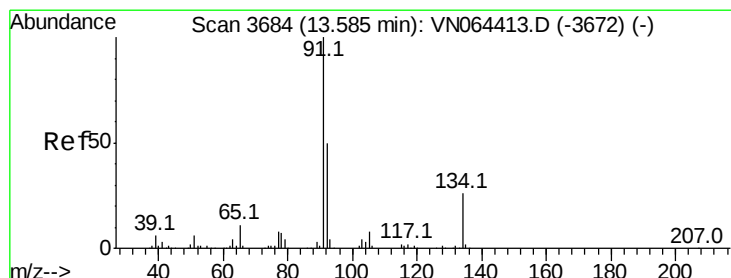
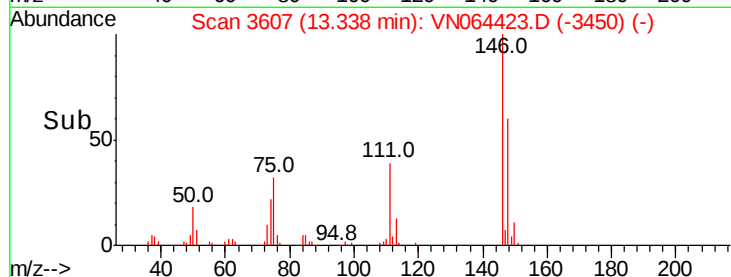
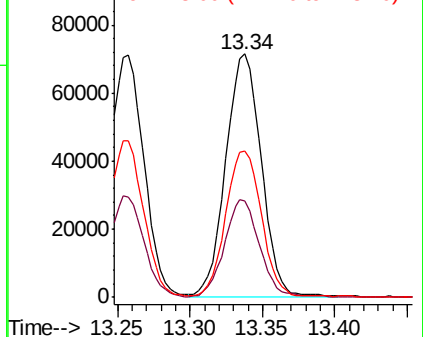
#84
1,4-Dichlorobenzene
Concen: 17.509 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:146 Resp: 121715
Ion Ratio Lower Upper
146 100
111 38.8 19.9 59.6
148 60.8 31.9 95.5

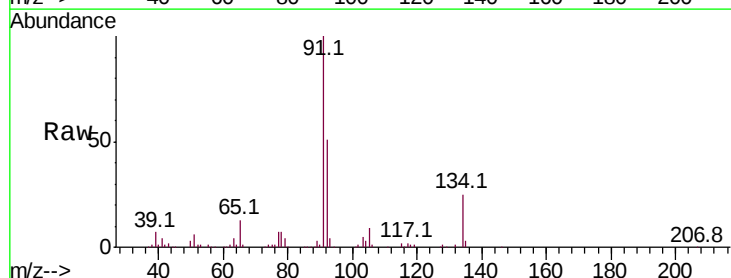


Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

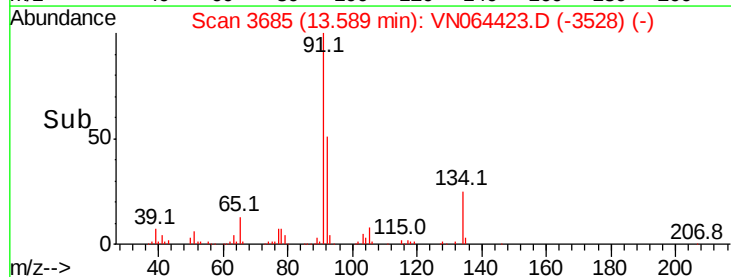
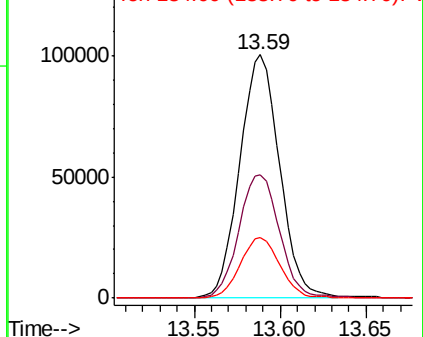


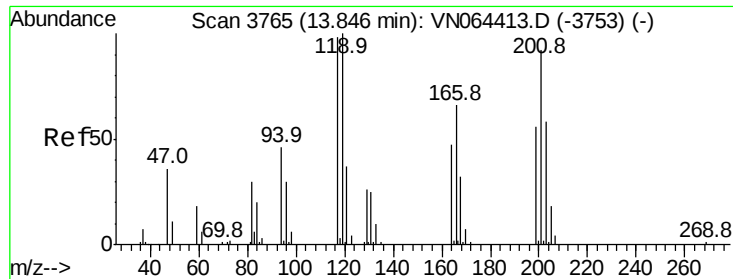
#85
n-Butylbenzene
Concen: 16.940 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion: 91 Resp: 161658
Ion Ratio Lower Upper
91 100
92 51.7 0.0 99.4
134 24.7 0.0 50.0



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V

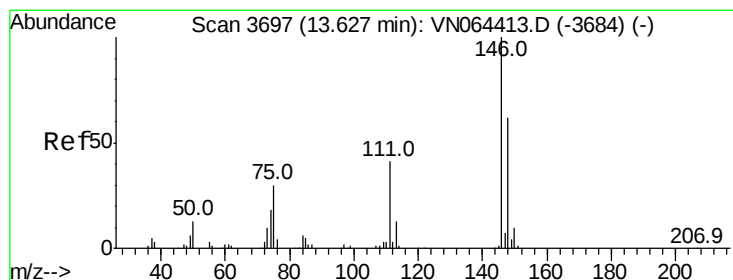
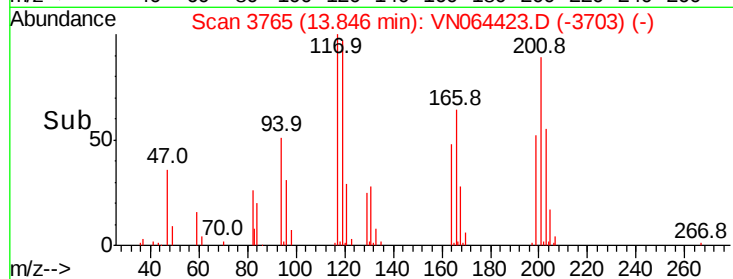
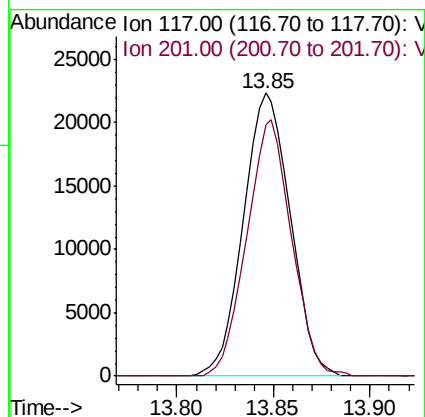
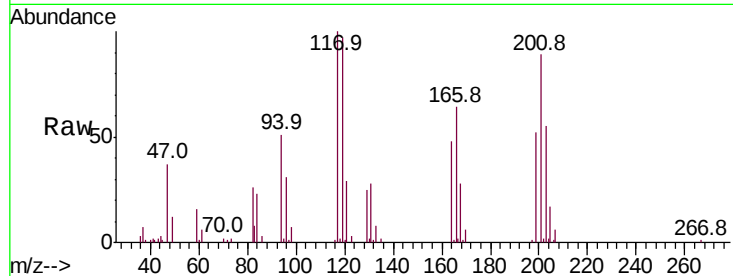




#86
Hexachloroethane
Concen: 16.878 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

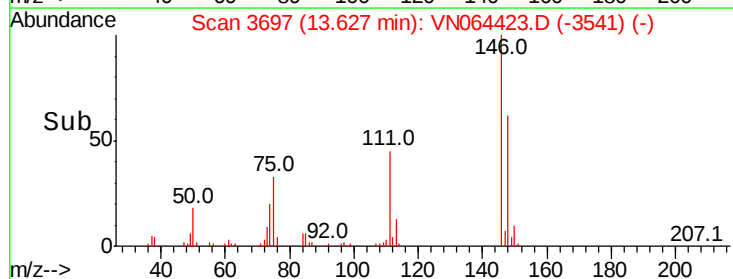
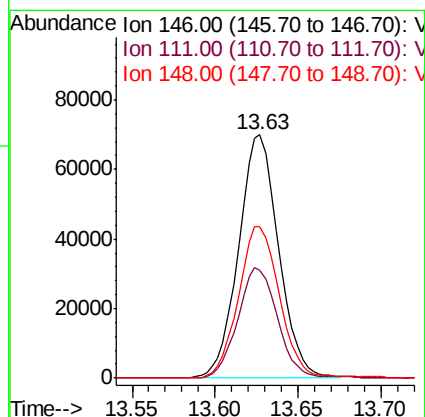
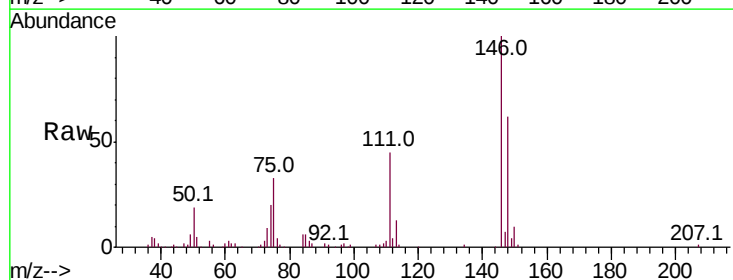
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

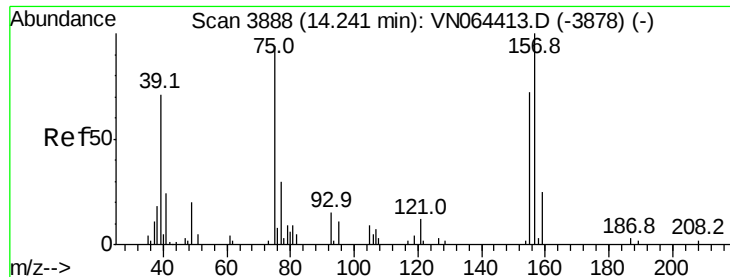
Tot Ion:117 Resp: 37842
Ion Ratio Lower Upper
117 100
201 86.2 42.7 128.1



#87
1,2-Dichlorobenzene
Concen: 17.627 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN064423.D
Acq: 2 Nov 2020 18:48

Tgt Ion:146 Resp: 117451
Ion Ratio Lower Upper
146 100
111 44.9 21.3 64.0
148 63.8 31.7 95.1





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.437 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

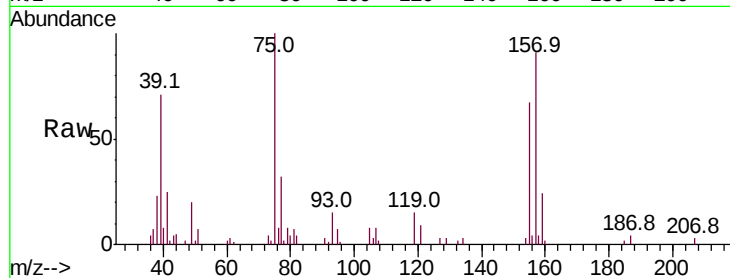
Tot Ion: 75 Resp: 18229

Ion Ratio Lower Upper

75 100

155 72.3 66.2 99.2

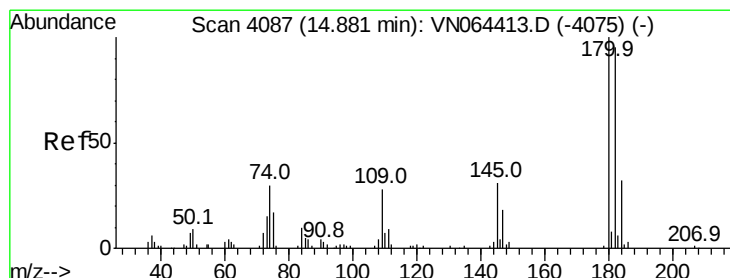
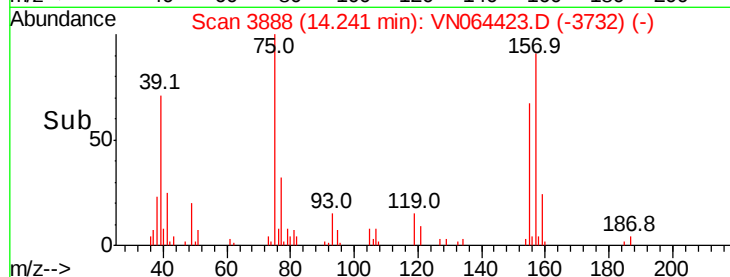
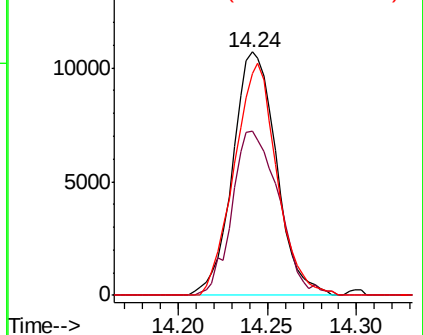
157 93.5 82.7 124.1



Abundance Ion 75.00 (74.70 to 75.70): VN064413.D (-3878) (-)

Ion 155.00 (154.70 to 155.70): VN064413.D (-3878) (-)

Ion 157.00 (156.70 to 157.70): VN064413.D (-3878) (-)



#89

1,2,4-Trichlorobenzene

Concen: 15.815 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

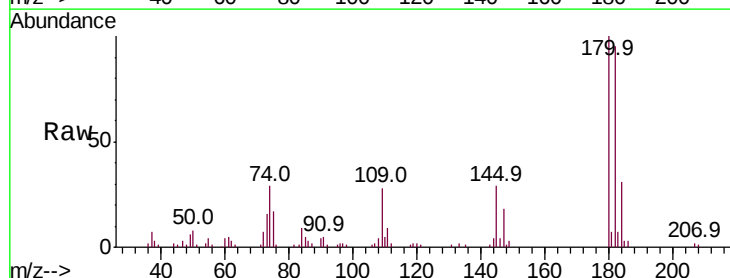
Tgt Ion:180 Resp: 51530

Ion Ratio Lower Upper

180 100

182 100.4 72.6 108.8

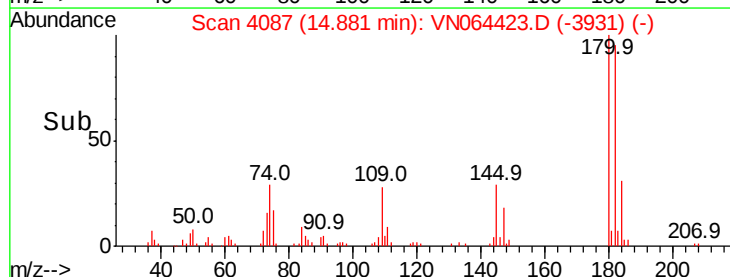
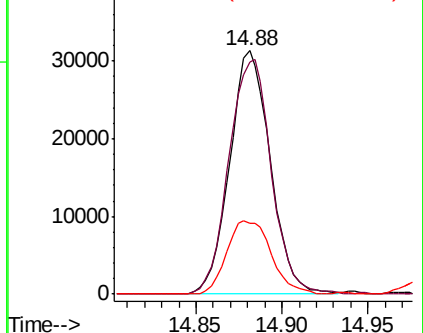
145 32.6 24.3 36.5

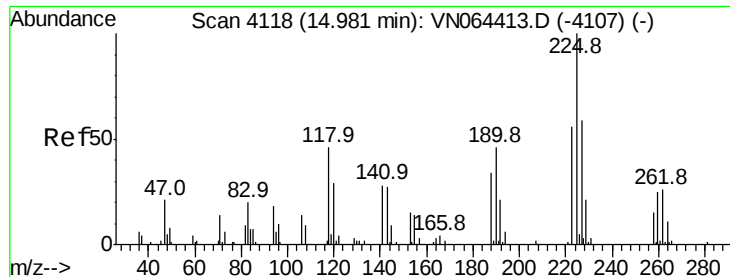


Abundance Ion 180.00 (179.70 to 180.70): VN064413.D (-4075) (-)

Ion 182.00 (181.70 to 182.70): VN064413.D (-4075) (-)

Ion 145.00 (144.70 to 145.70): VN064413.D (-4075) (-)





#90

Hexachlorobutadiene

Concen: 17.069 ug/l

RT: 14.98 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

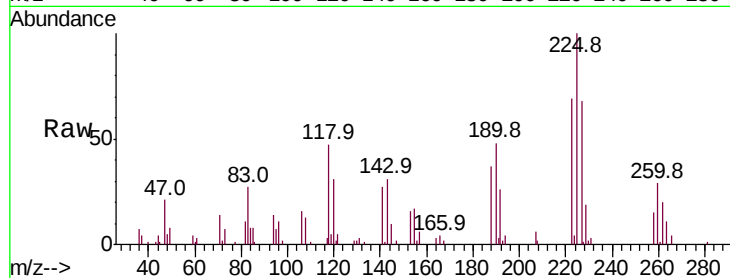
Tot Ion:225 Resp: 29599

Ion Ratio Lower Upper

225 100

223 65.7 0.0 125.6

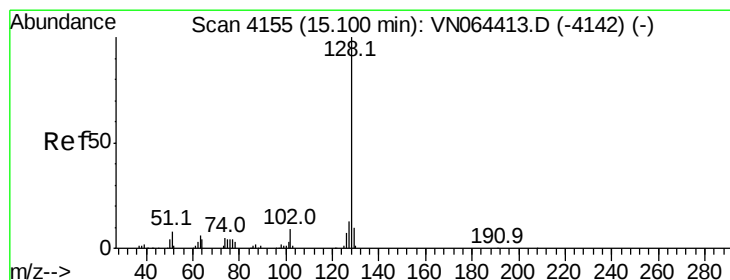
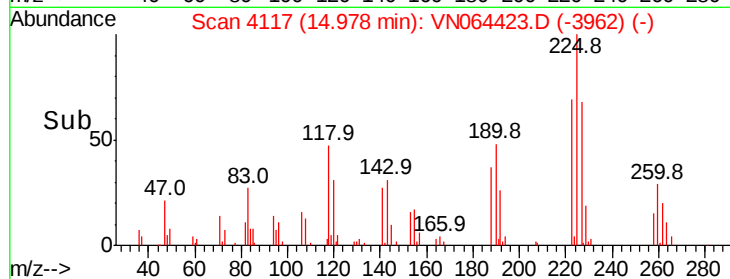
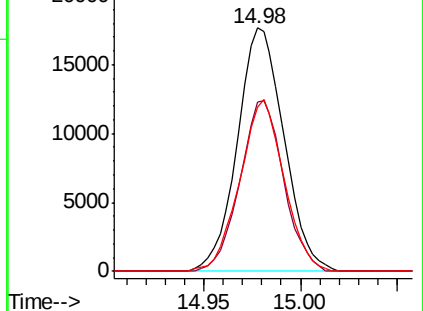
227 66.8 0.0 121.6



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 15.932 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064423.D

Acq: 2 Nov 2020 18:48

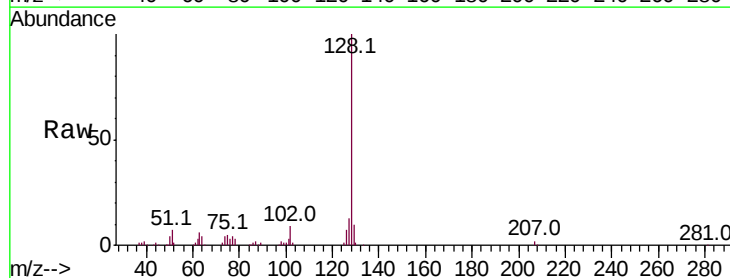
Tgt Ion:128 Resp: 154209

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

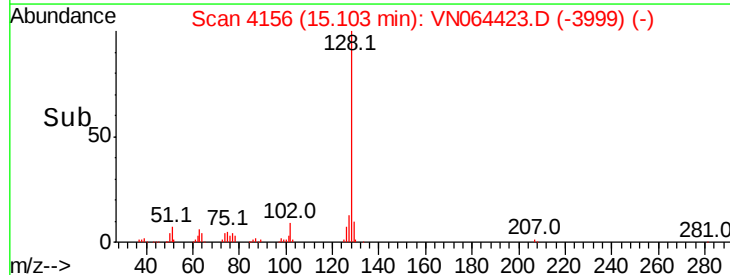
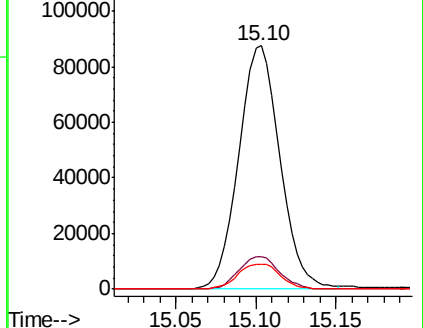
129 10.6 8.6 13.0

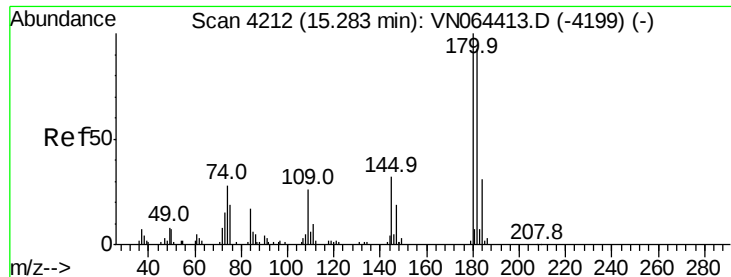


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

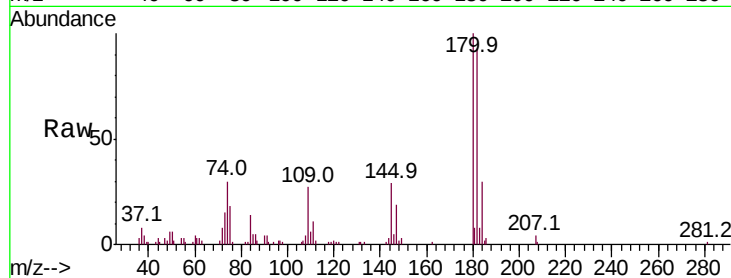




#92
 1,2,3-Trichlorobenzene
 Concen: 16.140 ug/l
 RT: 15.28 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN064423.D
 Acq: 2 Nov 2020 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	0.0	191.4
145	33.8	0.0	64.8



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

