

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064400.D
 Acq On : 30 Oct 2020 15:18
 Operator : JC/MD
 Sample : VN1030WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

Quant Time: Nov 02 02:05:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	244339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	396532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	357814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166258	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	196717	50.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.20%	
35) Dibromofluoromethane	7.55	113	133084	50.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.66%	
50) Toluene-d8	10.06	98	474776	48.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.37	95	179969	47.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	52454	18.676	ug/l	100
3) Chloromethane	2.04	50	53104	17.491	ug/l	98
4) Vinyl Chloride	2.16	62	53806	18.322	ug/l	96
5) Bromomethane	2.53	94	31717	16.714	ug/l	92
6) Chloroethane	2.67	64	33280	18.965	ug/l	95
7) Trichlorofluoromethane	2.98	101	95009	19.311	ug/l	99
8) Diethyl Ether	3.38	74	28589	18.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46625	18.856	ug/l	95
10) Methyl Iodide	3.91	142	51872	15.720	ug/l	100
11) Tert butyl alcohol	4.73	59	47899	84.034	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	44600	19.106	ug/l	99
13) Acrolein	3.58	56	9171	86.579	ug/l	98
14) Allyl chloride	4.28	41	75957	15.936	ug/l	93
15) Acrylonitrile	4.93	53	114843	93.691	ug/l	99
16) Acetone	3.77	43	115022	80.957	ug/l	99
17) Carbon Disulfide	4.01	76	112450	16.281	ug/l	99
18) Methyl Acetate	4.28	43	52879	17.928	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	165704	18.475	ug/l	98
20) Methylene Chloride	4.50	84	50332	18.075	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	47740	18.333	ug/l	93
22) Diisopropyl ether	5.90	45	173757	18.650	ug/l	94
23) Vinyl Acetate	5.84	43	745793	94.618	ug/l	99
24) 1,1-Dichloroethane	5.80	63	96209	18.454	ug/l	100
25) 2-Butanone	6.78	43	169619	86.035	ug/l	93
26) 2,2-Dichloropropane	6.77	77	91128	17.860	ug/l #	73
27) cis-1,2-Dichloroethene	6.78	96	55204	18.523	ug/l	98
28) Bromochloromethane	7.15	49	45952	18.500	ug/l	97
29) Tetrahydrofuran	7.16	42	110891	86.641	ug/l	99
30) Chloroform	7.33	83	104947	18.860	ug/l	98
31) Cyclohexane	7.61	56	79032	17.343	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	94716	17.725	ug/l	97
36) 1,1-Dichloropropene	7.75	75	73467	18.358	ug/l	97
37) Ethyl Acetate	6.88	43	75373	18.646	ug/l #	94
38) Carbon Tetrachloride	7.73	117	86812	18.711	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	61105	15.399	ug/l	94
40) Benzene	8.00	78	207219	18.602	ug/l	98
41) Methacrylonitrile	7.13	41	31592	15.744	ug/l	93
42) 1,2-Dichloroethane	8.08	62	93030	19.333	ug/l	100
43) Isopropyl Acetate	8.13	43	126859	18.359	ug/l	98
44) Trichloroethene	8.80	130	56016	19.196	ug/l	100
45) 1,2-Dichloropropane	9.08	63	55869	18.729	ug/l	97
46) Dibromomethane	9.18	93	38094	18.255	ug/l	93
47) Bromodichloromethane	9.37	83	83422	18.038	ug/l	96
48) Methyl methacrylate	9.16	41	65100	18.260	ug/l	96
49) 1,4-Dioxane	9.16	88	17694	336.720	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	365295	90.944	ug/l	99
52) Toluene	10.13	92	126188	17.952	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	89645	18.332	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93066	18.488	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52422	18.893	ug/l	97
56) Ethyl methacrylate	10.40	69	75738	18.032	ug/l	97
57) 1,3-Dichloropropane	10.68	76	92112	19.461	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	189289	82.586	ug/l	99
59) 2-Hexanone	10.72	43	262641	88.781	ug/l	97
60) Dibromochloromethane	10.87	129	59209	18.048	ug/l	97
61) 1,2-Dibromoethane	10.97	107	54818	19.390	ug/l	96
64) Tetrachloroethene	10.60	164	54211	18.434	ug/l	96
65) Chlorobenzene	11.41	112	138643	19.112	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	53215	18.150	ug/l	98
67) Ethyl Benzene	11.48	91	252163	18.697	ug/l	98
68) m/p-Xylenes	11.59	106	186004	37.216	ug/l	99
69) o-Xylene	11.92	106	87583	18.189	ug/l	99
70) Styrene	11.94	104	145123	18.382	ug/l	95
71) Bromoform	12.10	173	41038	17.833	ug/l #	94
73) Isopropylbenzene	12.22	105	232983	18.710	ug/l	98
74) N-amyl acetate	12.05	43	104674	19.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	69530	19.210	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	100602	25.268	ug/l #	100
77) Bromobenzene	12.50	156	57446	18.840	ug/l	96
78) n-propylbenzene	12.57	91	252822	17.934	ug/l	99
79) 2-Chlorotoluene	12.65	91	166190	18.441	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	192492	18.269	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23795	17.215	ug/l	93
82) 4-Chlorotoluene	12.75	91	173225	18.869	ug/l	99
83) tert-Butylbenzene	12.97	119	152286	17.613	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	192588	18.293	ug/l	100
85) sec-Butylbenzene	13.14	105	188054	16.808	ug/l	100
86) p-Isopropyltoluene	13.26	119	165881	16.457	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	96490	18.076	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	98787	18.170	ug/l	98
89) n-Butylbenzene	13.59	91	136306	15.350	ug/l	99
90) Hexachloroethane	13.85	117	32005	16.907	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	98141	18.493	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15856	17.655	ug/l	96

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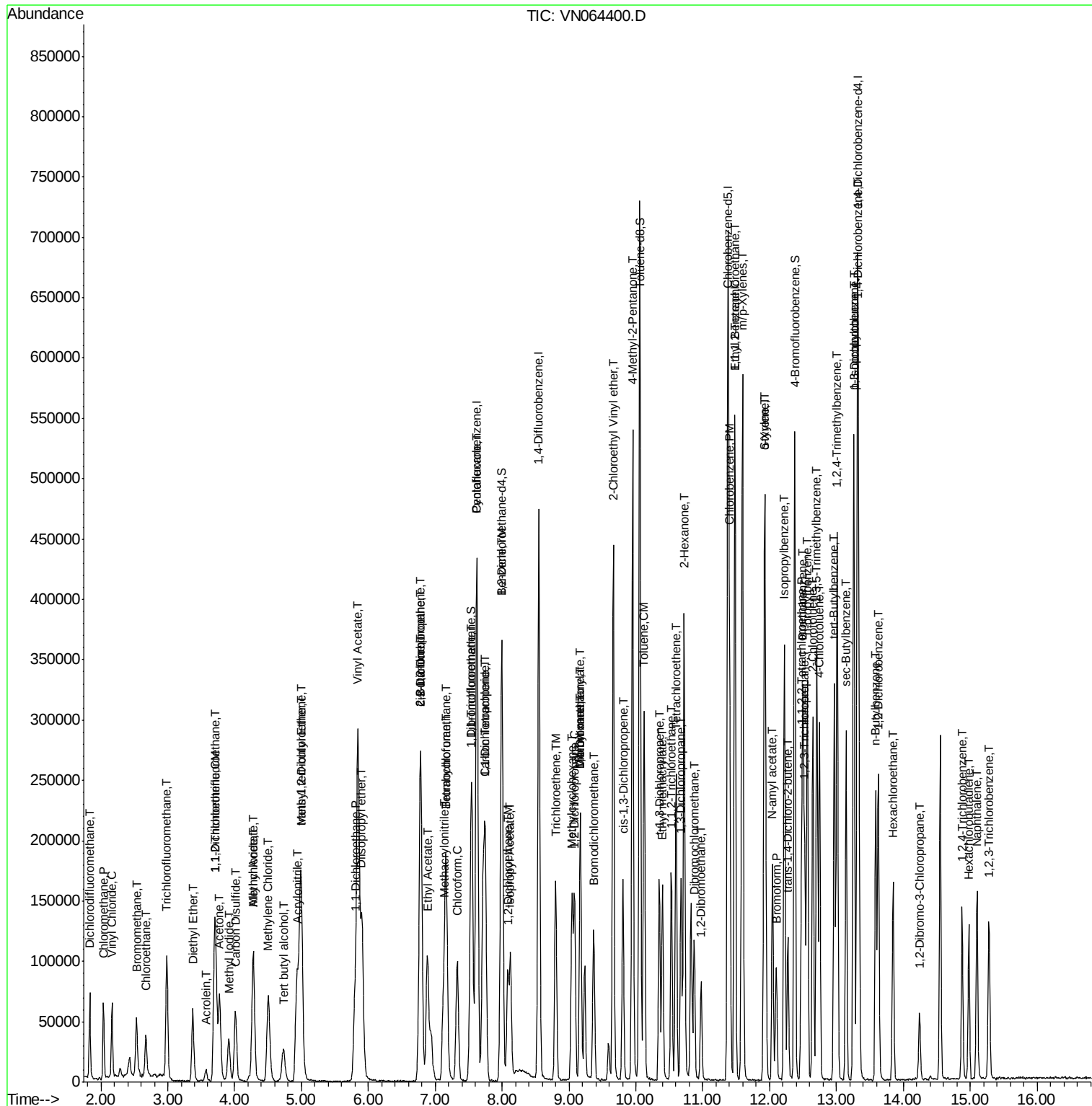
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41757	15.156	ug/l	97
94) Hexachlorobutadiene	14.98	225	21966	13.488	ug/l	97
95) Naphthalene	15.10	128	128326	15.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41244	15.598	ug/l	95

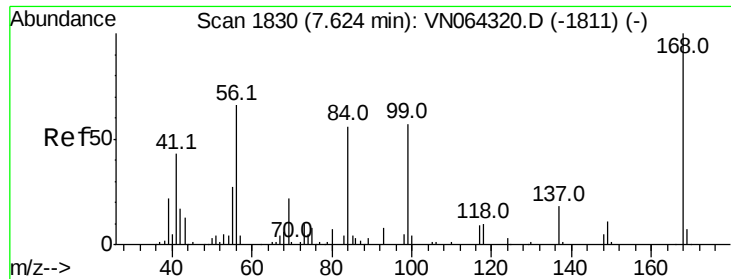
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

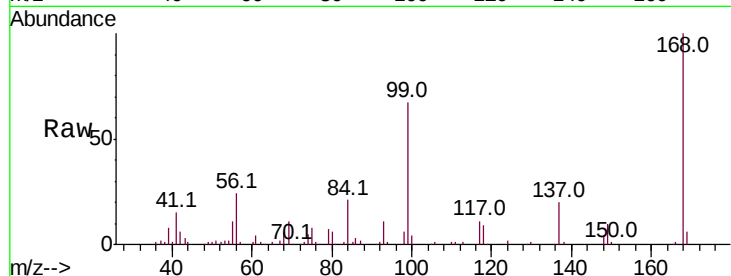
VN1030MBS01

Tot Ion:168 Resp: 244339

Ion Ratio Lower Upper

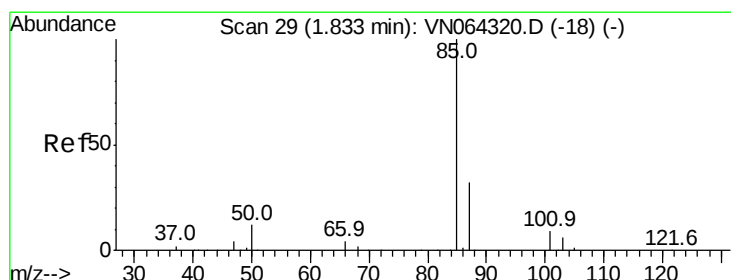
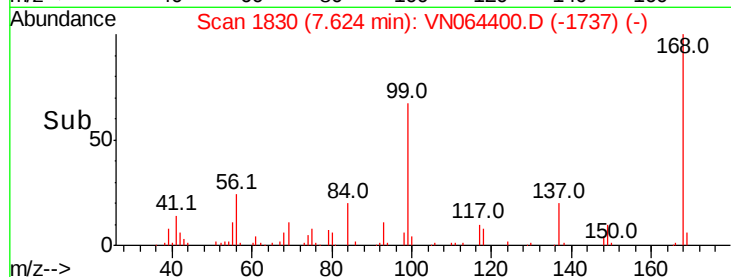
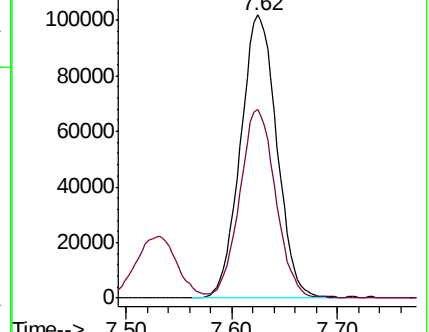
168 100

99 66.2 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): VN064400.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN064400.D (-1737) (-)



#2

Dichlorodifluoromethane

Concen: 18.676 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064400.D

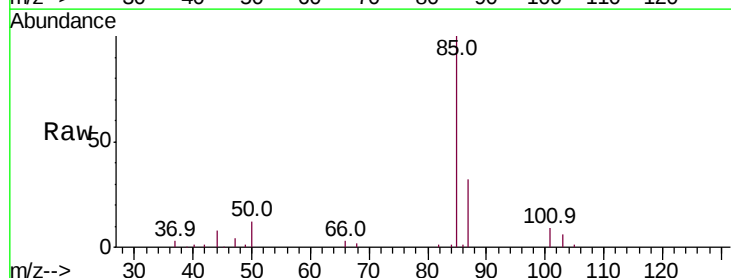
Acq: 30 Oct 2020 15:18

Tgt Ion: 85 Resp: 52454

Ion Ratio Lower Upper

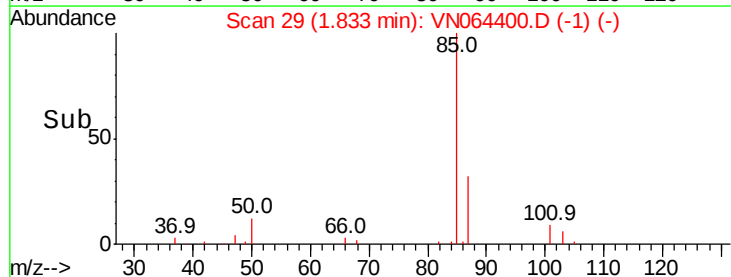
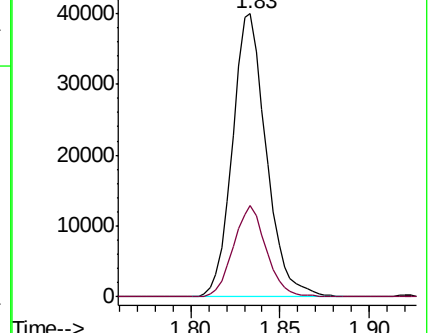
85 100

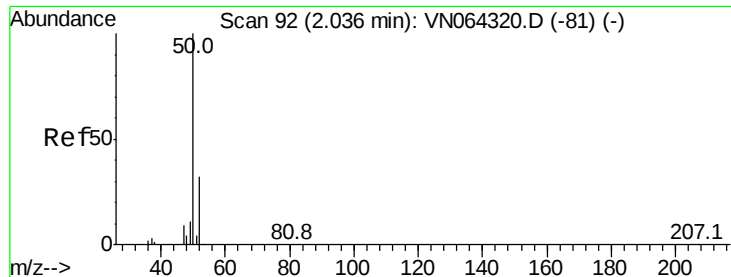
87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN064400.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN064400.D (-1) (-)





#3

Chloromethane

Concen: 17.491 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

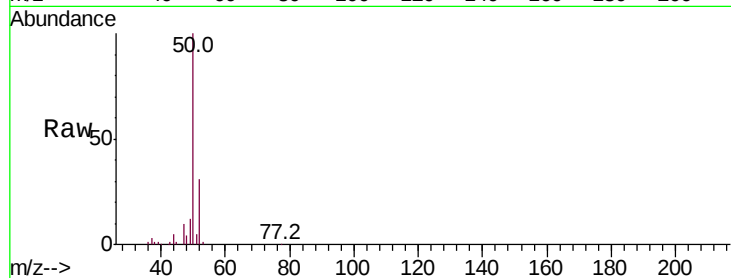
VN1030MBS01

Tot Ion: 50 Resp: 53104

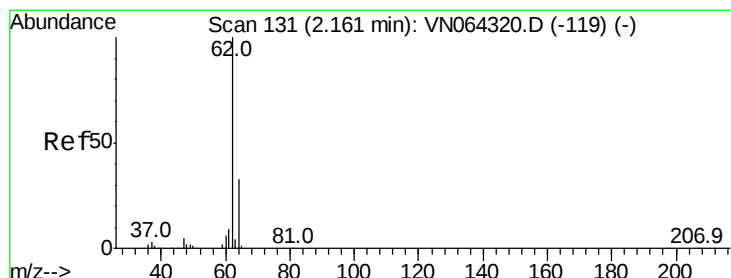
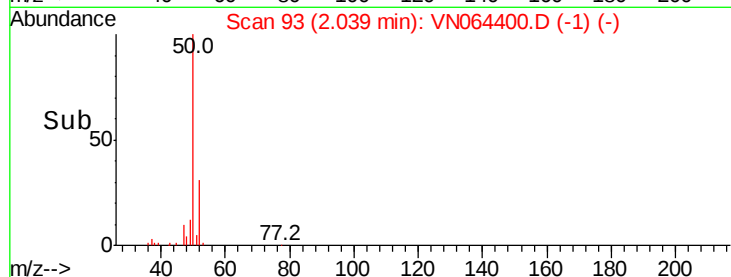
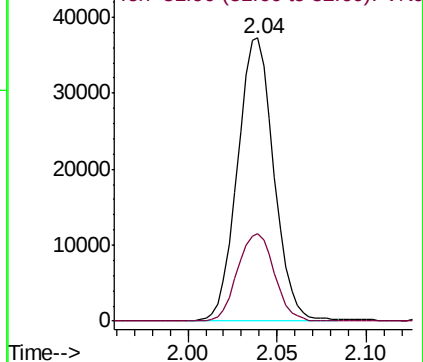
Ion Ratio Lower Upper

50 100

52 31.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.322 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064400.D

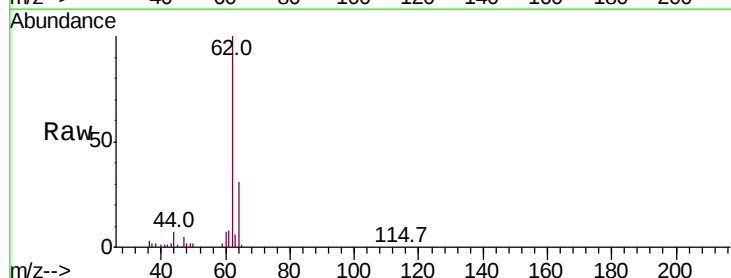
Acq: 30 Oct 2020 15:18

Tgt Ion: 62 Resp: 53806

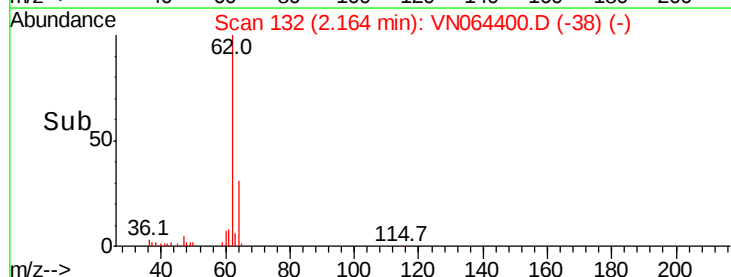
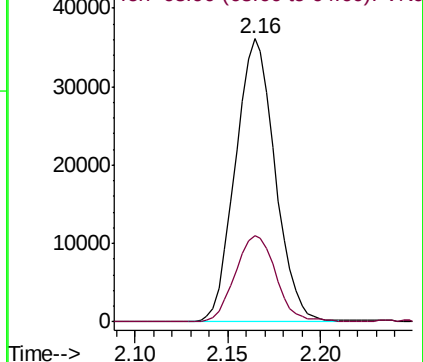
Ion Ratio Lower Upper

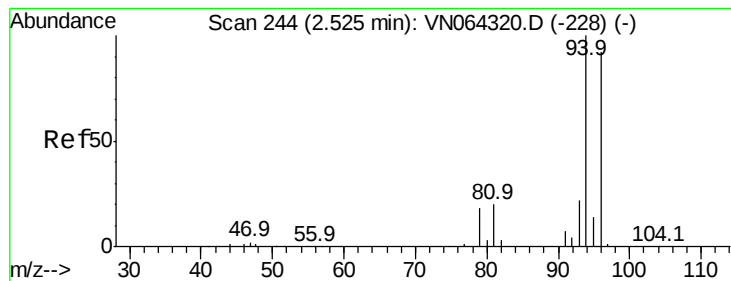
62 100

64 30.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 16.714 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.01 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

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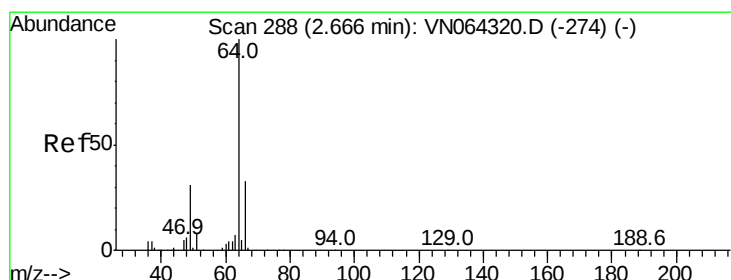
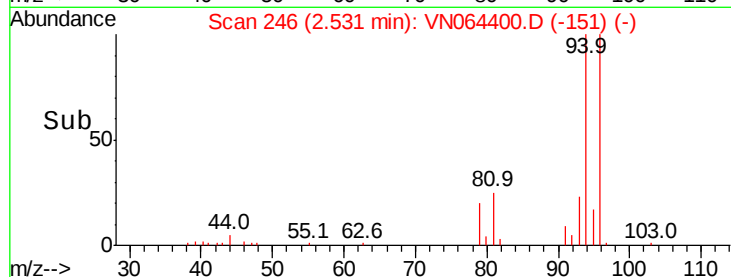
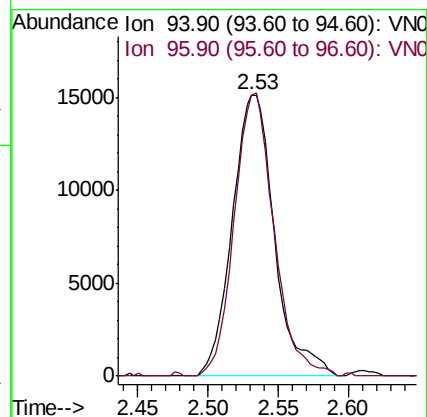
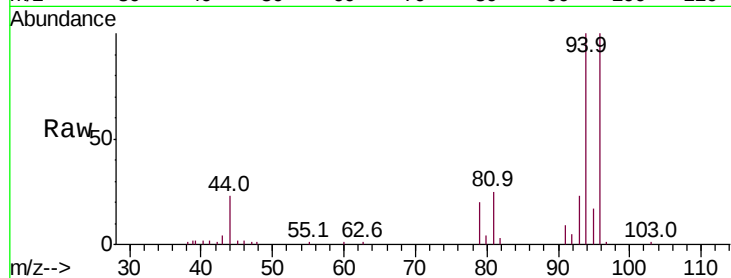
VN1030MBS01

Tot Ion: 94 Resp: 31717

Ion Ratio Lower Upper

94 100

96 99.9 73.6 110.4



#6

Chloroethane

Concen: 18.965 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN064400.D

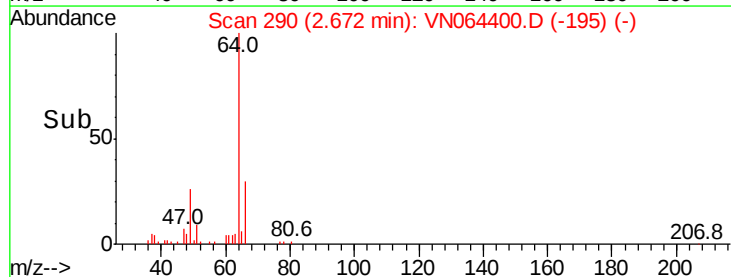
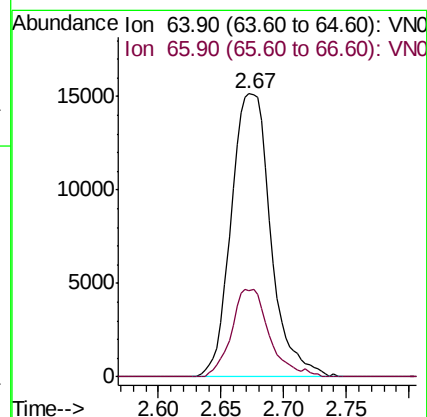
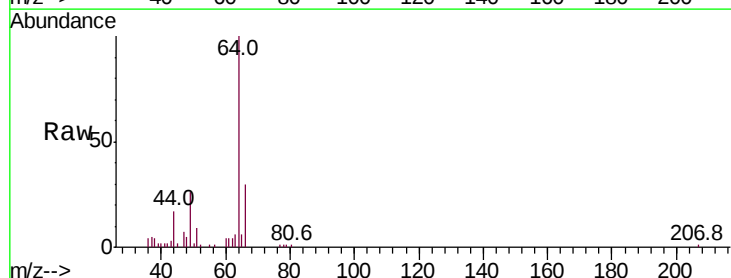
Acq: 30 Oct 2020 15:18

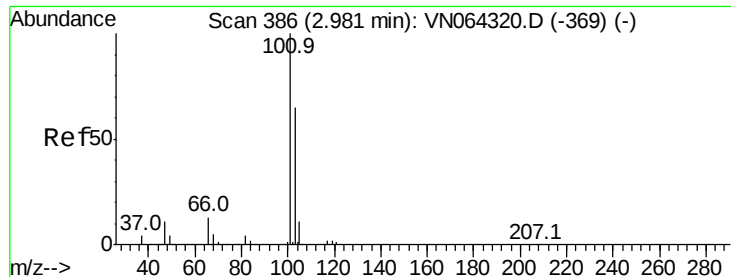
Tgt Ion: 64 Resp: 33280

Ion Ratio Lower Upper

64 100

66 30.4 26.5 39.7



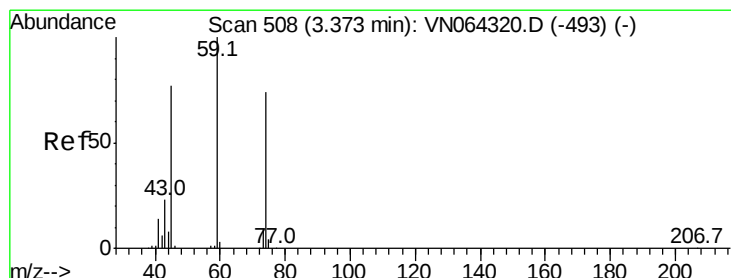
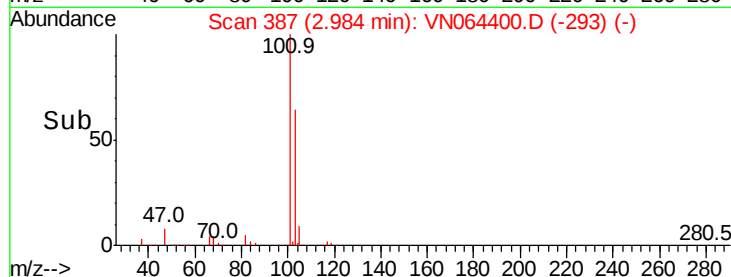
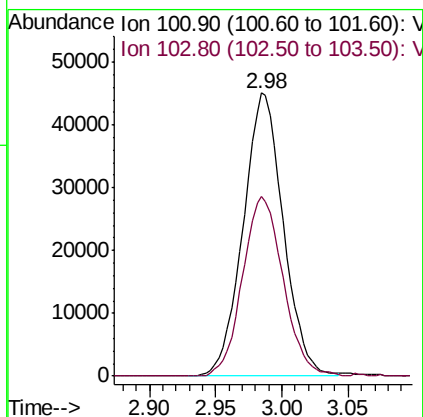
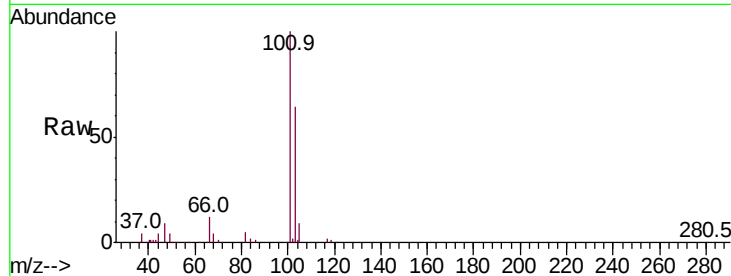


#7

Trichlorofluoromethane
Concen: 19.311 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064400.D
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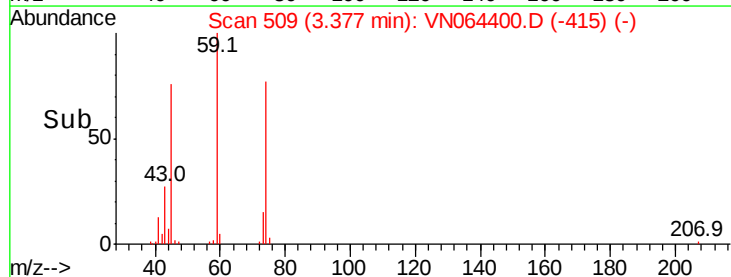
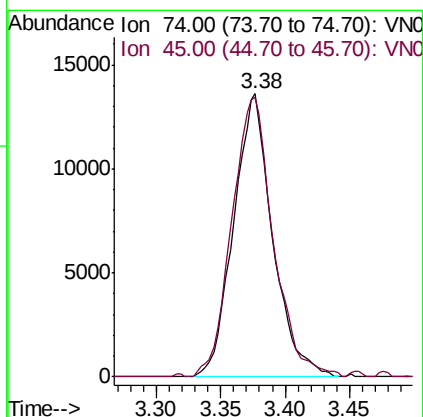
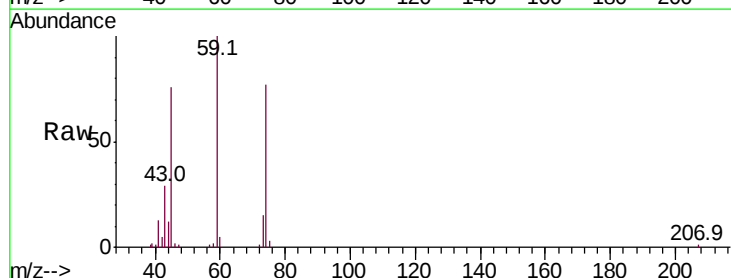
Tot Ion:101 Resp: 95009
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5

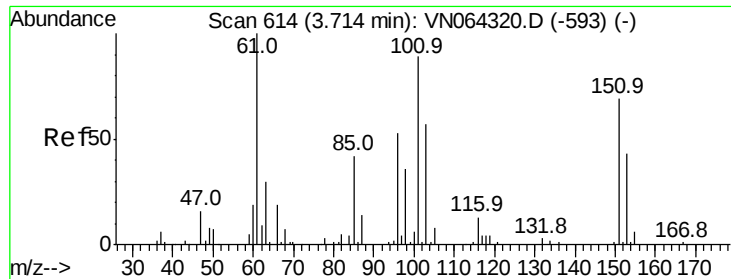


#8

Diethyl Ether
Concen: 18.369 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 74 Resp: 28589
Ion Ratio Lower Upper
74 100
45 105.0 51.3 154.0

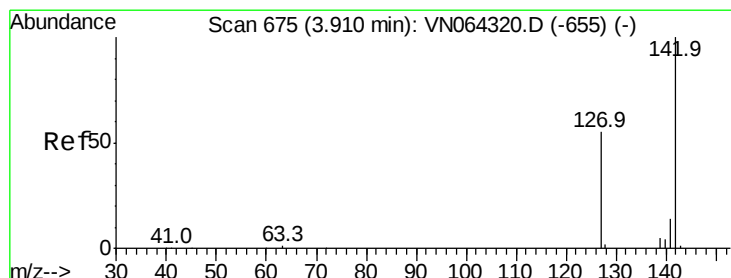
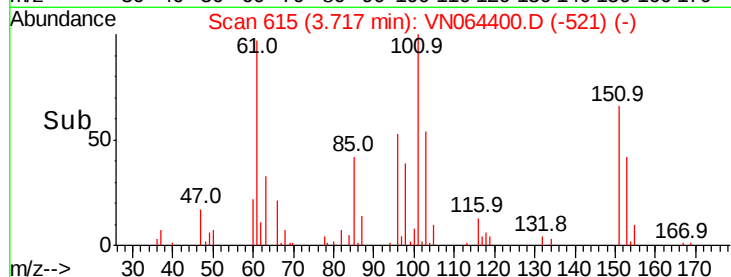
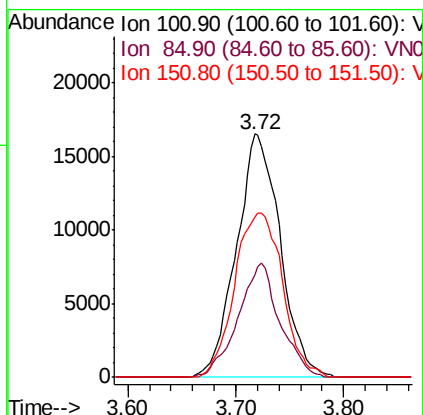
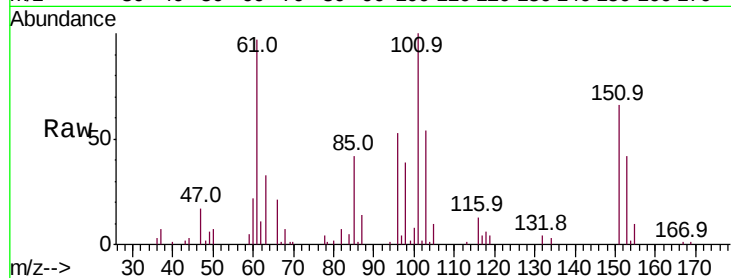




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.856 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

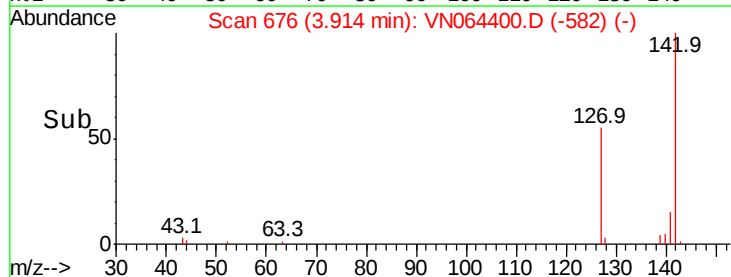
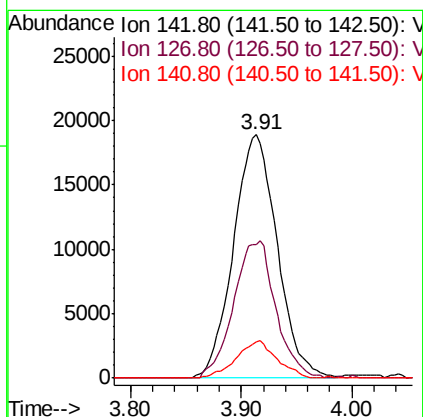
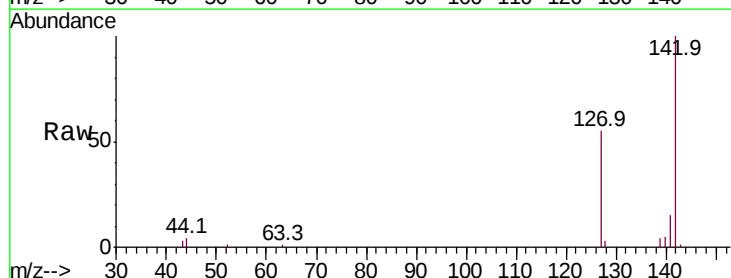
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

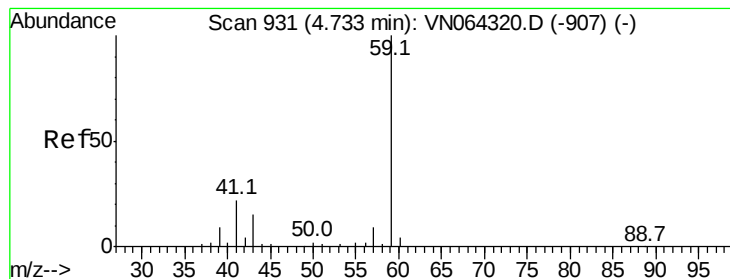
Tot Ion:101 Resp: 46625
 Ion Ratio Lower Upper
 101 100
 85 44.6 38.4 57.6
 151 73.8 62.0 93.0



#10
 Methyl Iodide
 Concen: 15.720 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion:142 Resp: 51872
 Ion Ratio Lower Upper
 142 100
 127 54.0 43.3 64.9
 141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 84.034 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

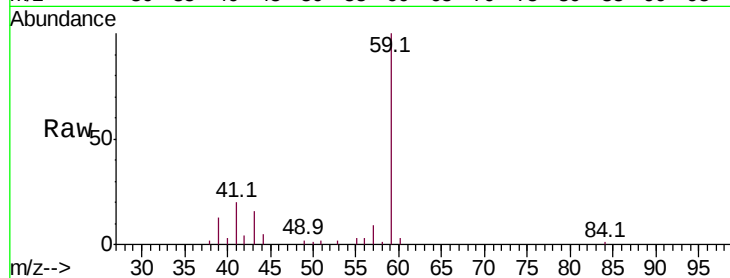
VN1030MBS01

Tot Ion: 59 Resp: 47899

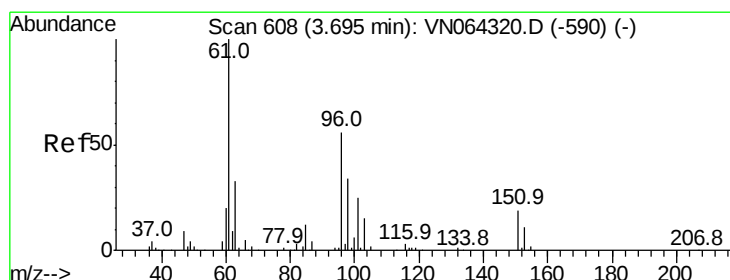
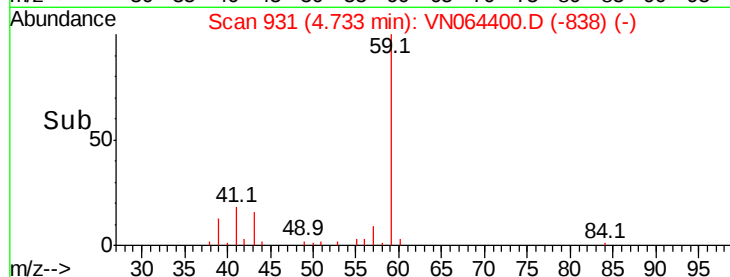
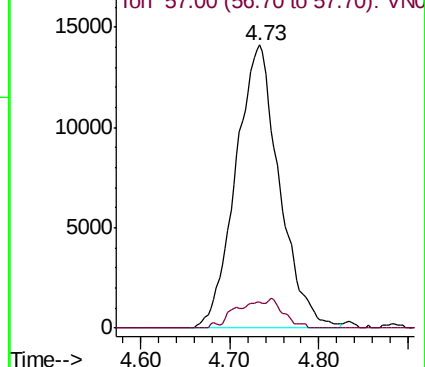
Ion Ratio Lower Upper

59 100

57 5.5 9.4 14.0#



Abundance Ion 59.00 (58.70 to 59.70): VN064320.D (-907) (-)



#12

1,1-Dichloroethene

Concen: 19.106 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

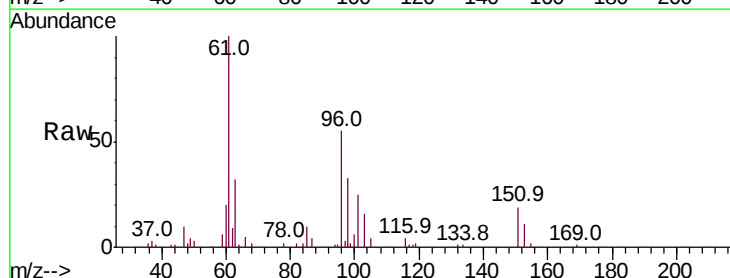
Tgt Ion: 96 Resp: 44600

Ion Ratio Lower Upper

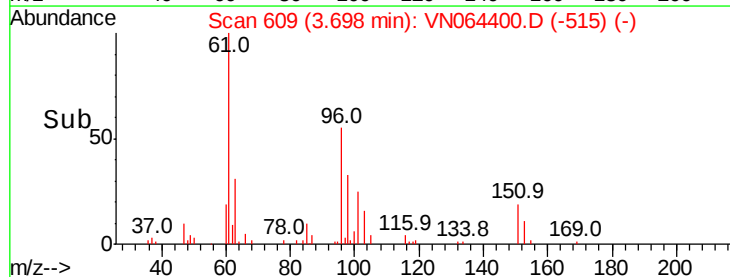
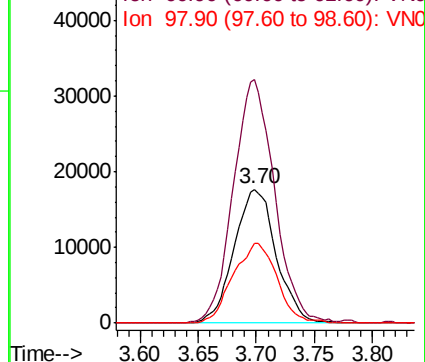
96 100

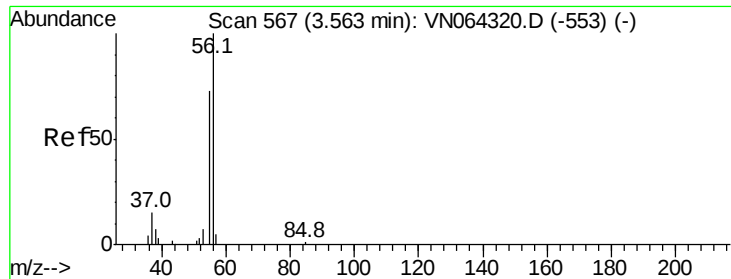
61 181.4 143.6 215.4

98 60.1 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VN064320.D (-590) (-)





#13

Acrolein

Concen: 86.579 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

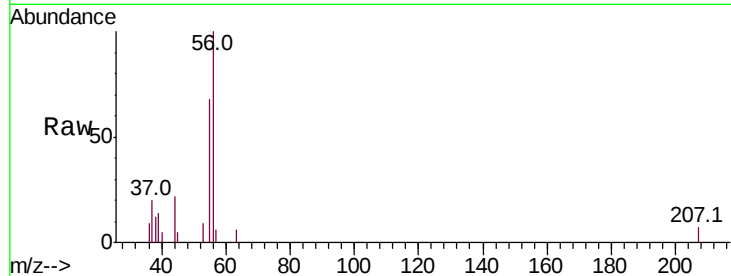
VN1030MBS01

Tot Ion: 56 Resp: 9171

Ion Ratio Lower Upper

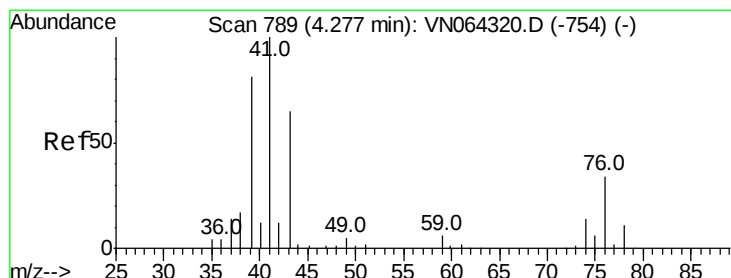
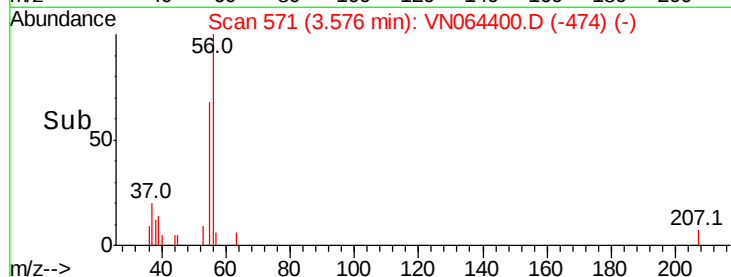
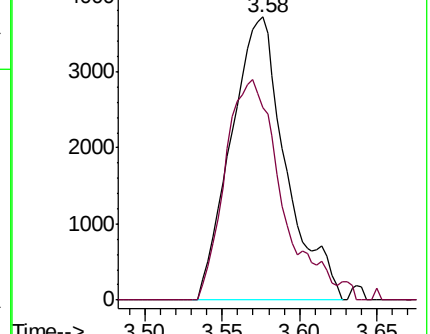
56 100

55 79.9 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 15.936 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

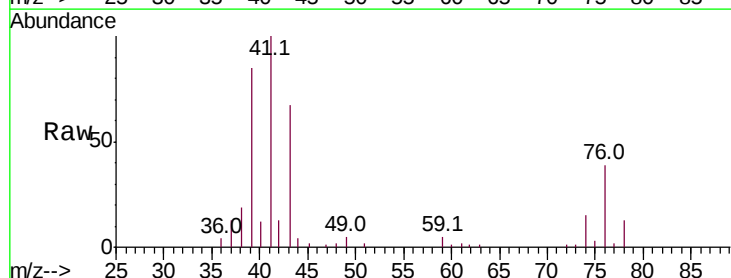
Tgt Ion: 41 Resp: 75957

Ion Ratio Lower Upper

41 100

39 82.6 61.7 92.5

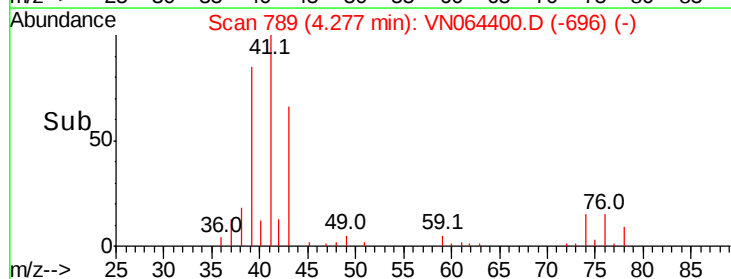
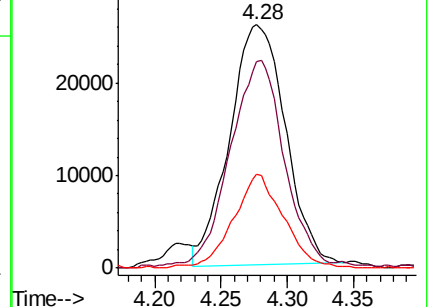
76 35.2 24.0 36.0

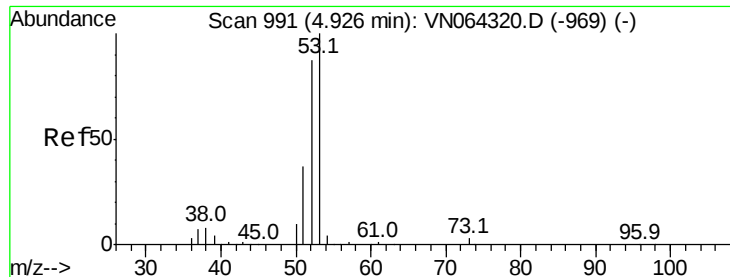


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 93.691 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBS01

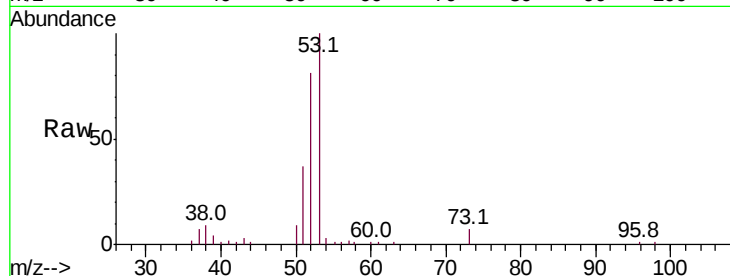
Tot Ion: 53 Resp: 114843

Ion Ratio Lower Upper

53 100

52 82.4 65.9 98.9

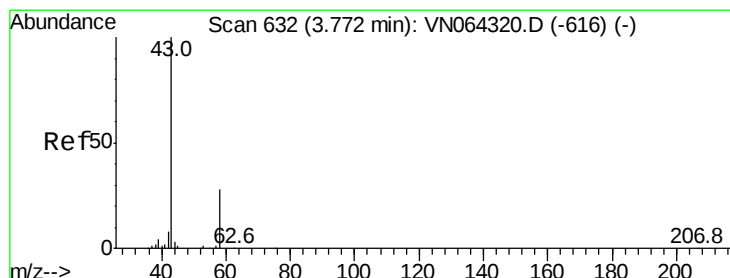
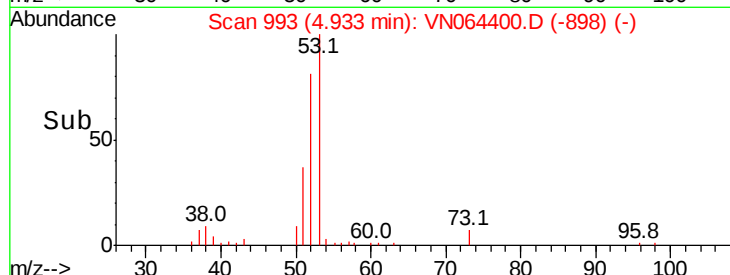
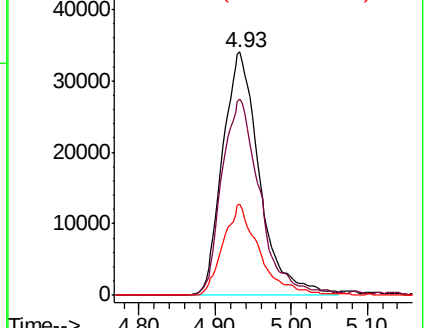
51 35.8 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN064400.D (-898) (-)

Ion 52.00 (51.70 to 52.70): VN064400.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VN064400.D (-898) (-)



#16

Acetone

Concen: 80.957 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064400.D

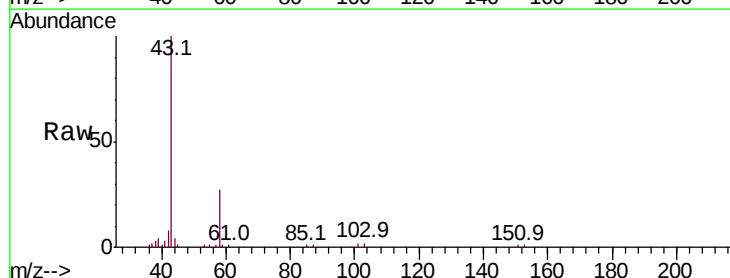
Acq: 30 Oct 2020 15:18

Tgt Ion: 43 Resp: 115022

Ion Ratio Lower Upper

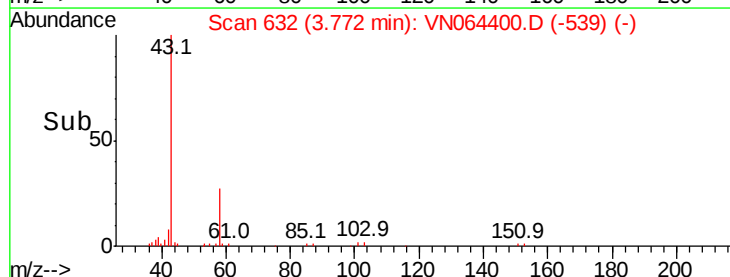
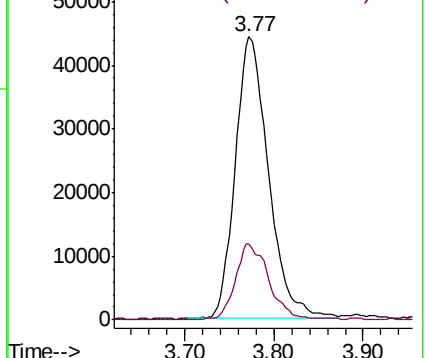
43 100

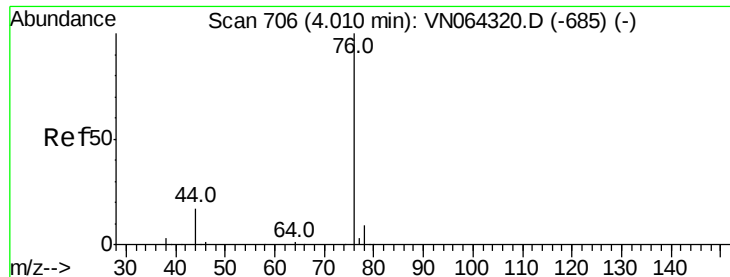
58 27.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN064400.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN064400.D (-539) (-)

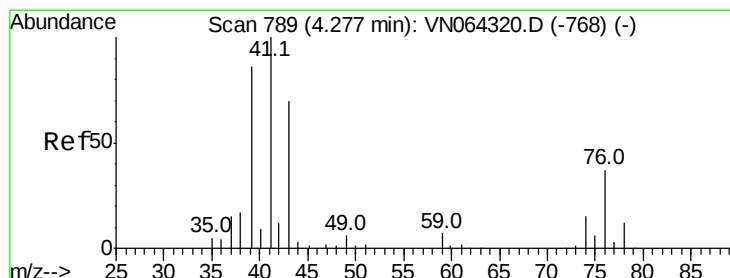
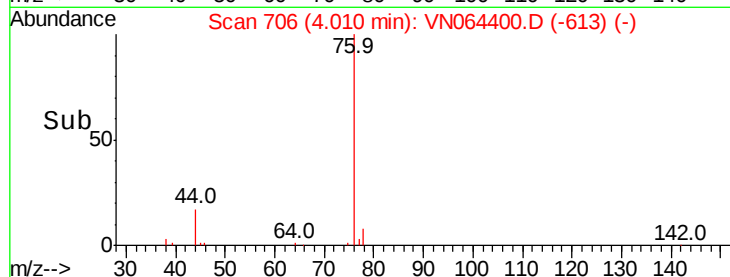
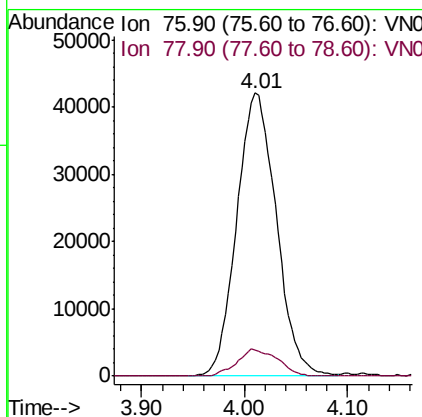
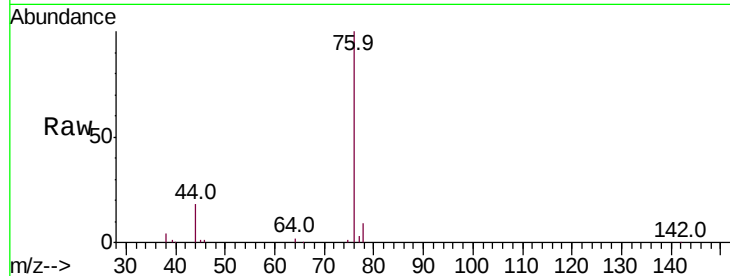




#17
Carbon Disulfide
Concen: 16.281 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

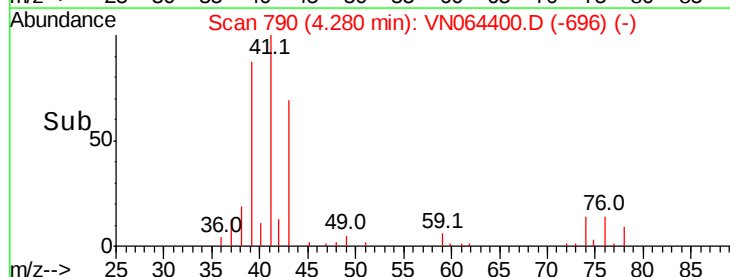
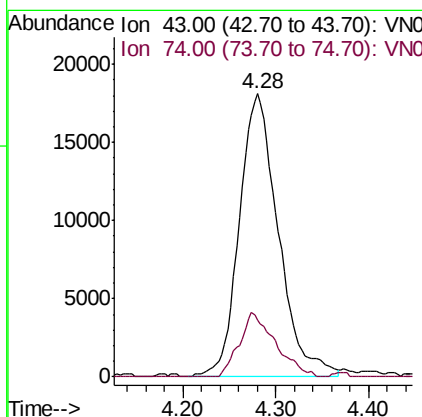
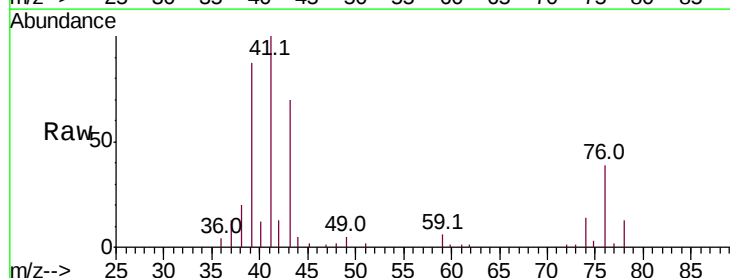
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

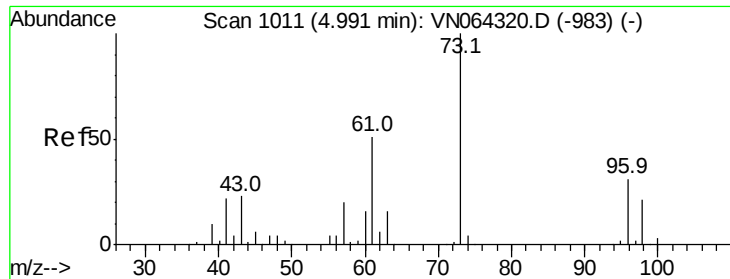
Tot Ion: 76 Resp: 112450
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 17.928 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 43 Resp: 52879
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

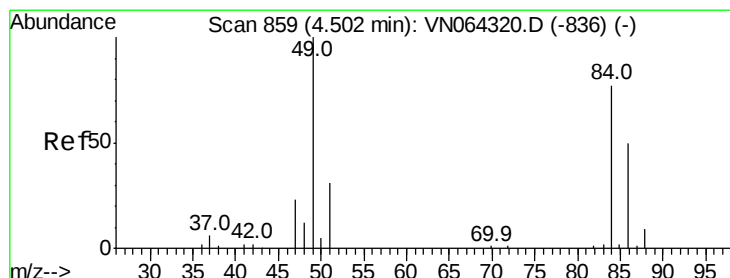
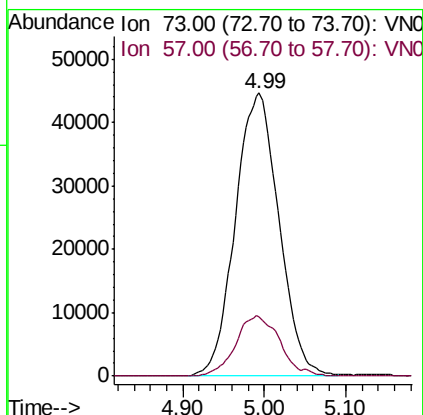
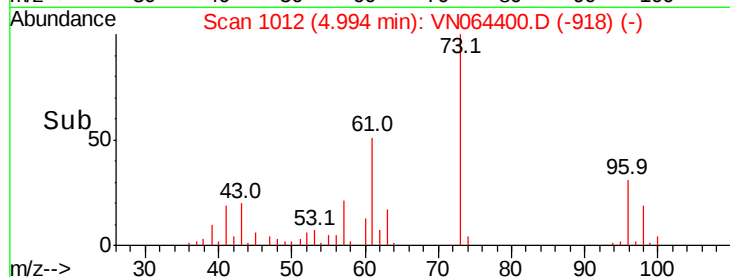
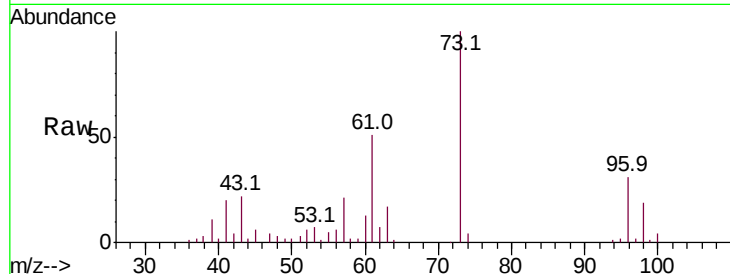




#19
Methyl tert-butyl Ether
Concen: 18.475 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

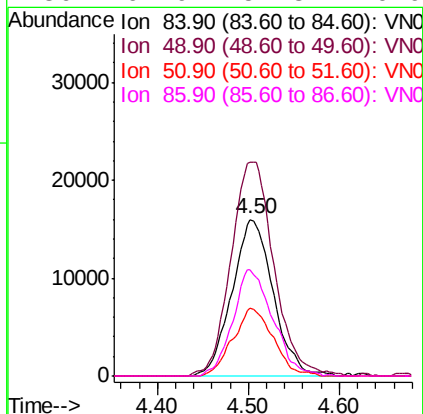
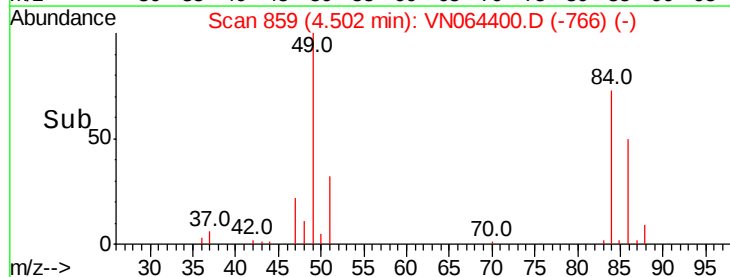
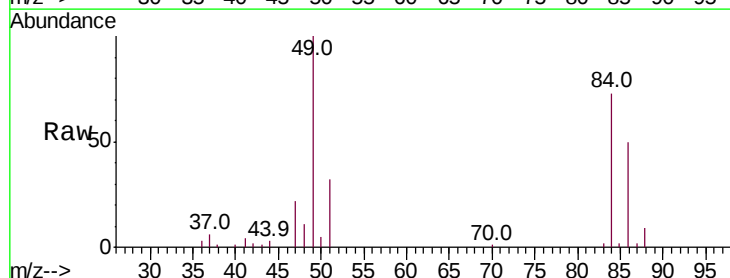
Instrument :
MSVOA_N
ClientSampled :
VN1030MBS01

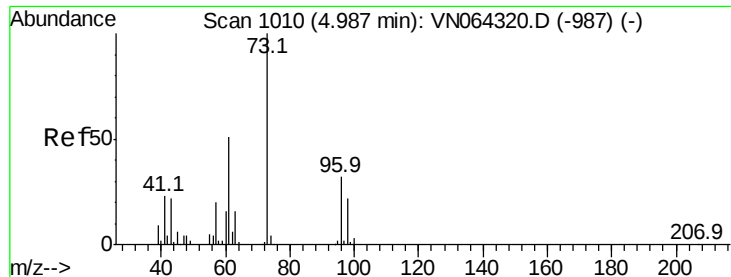
Tot Ion: 73 Resp: 165704
Ion Ratio Lower Upper
73 100
57 21.1 16.1 24.1



#20
Methylene Chloride
Concen: 18.075 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 84 Resp: 50332
Ion Ratio Lower Upper
84 100
49 136.5 103.6 155.4
51 43.0 31.8 47.8
86 67.9 51.3 76.9

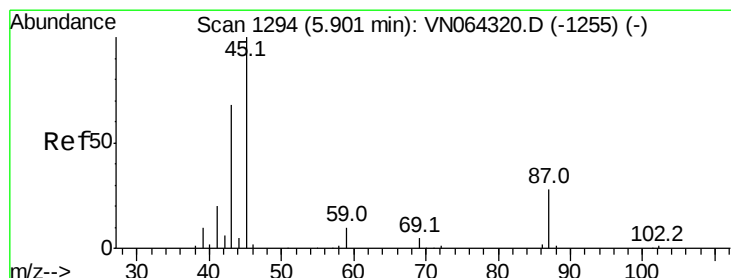
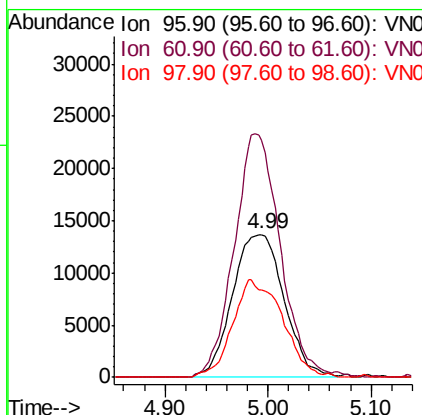
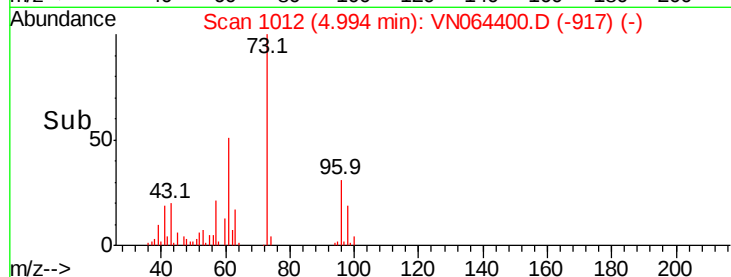
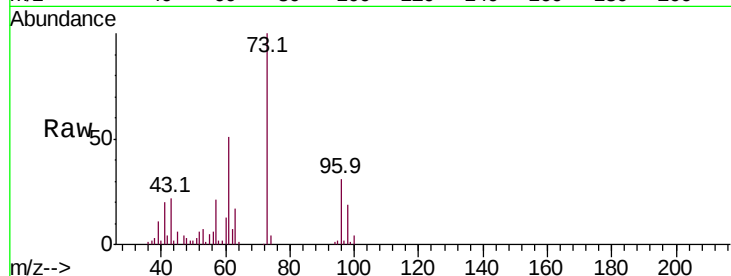




#21
trans-1,2-Dichloroethene
Concen: 18.333 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

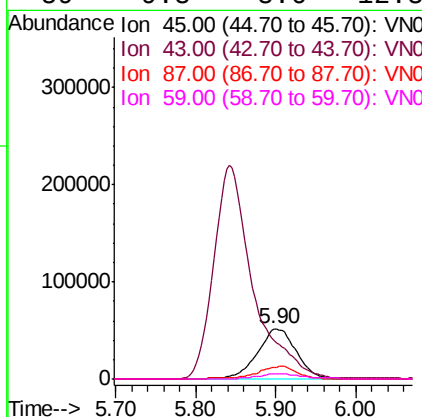
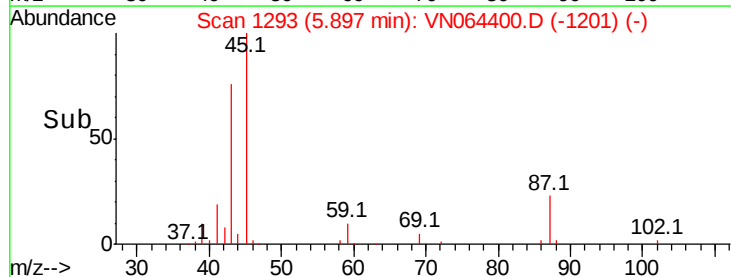
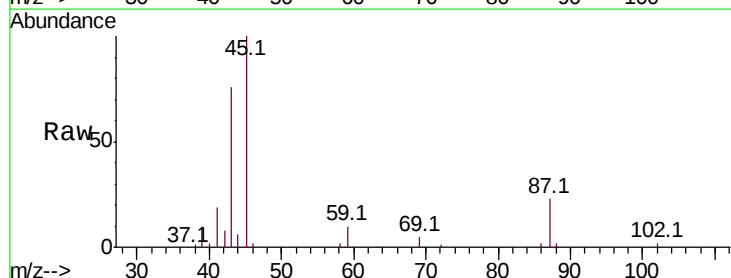
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

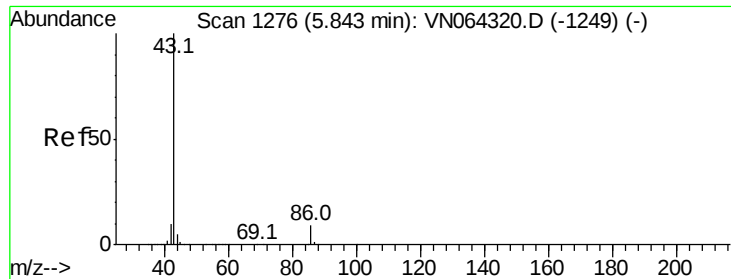
Tot Ion: 96 Resp: 47740
Ion Ratio Lower Upper
96 100
61 166.1 128.2 192.2
98 60.9 56.1 84.1



#22
Diisopropyl ether
Concen: 18.650 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 45 Resp: 173757
Ion Ratio Lower Upper
45 100
43 72.4 54.6 82.0
87 23.1 22.6 33.8
59 9.8 8.6 12.8





#23

Vinyl Acetate

Concen: 94.618 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

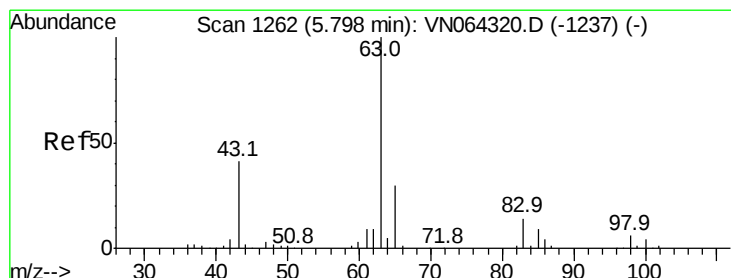
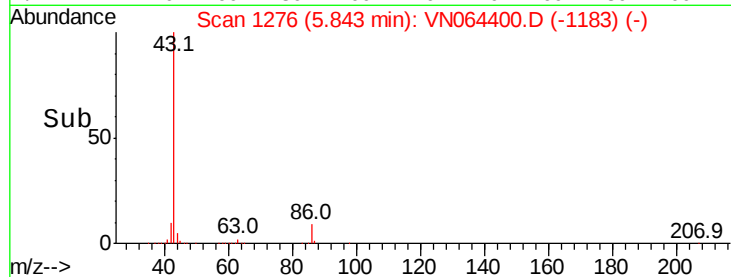
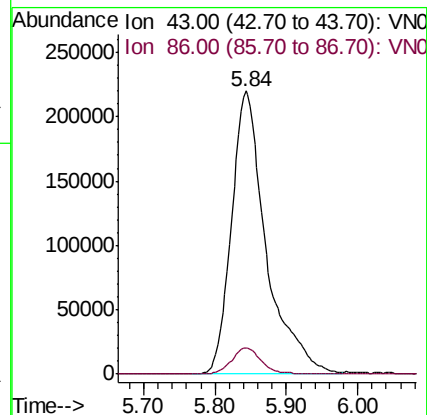
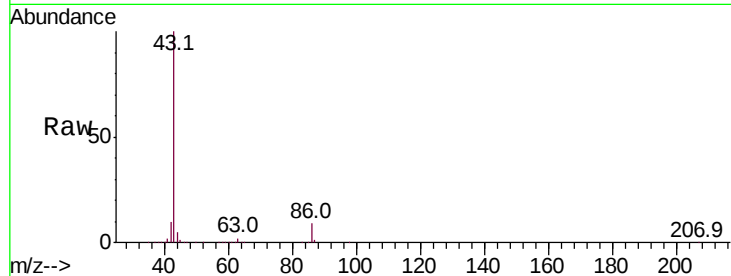
VN1030MBS01

Tot Ion: 43 Resp: 745793

Ion Ratio Lower Upper

43 100

86 9.3 7.3 10.9



#24

1,1-Dichloroethane

Concen: 18.454 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

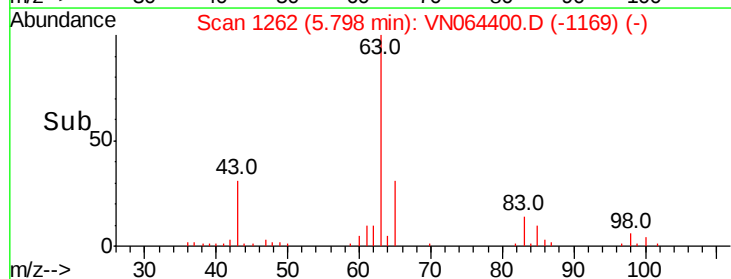
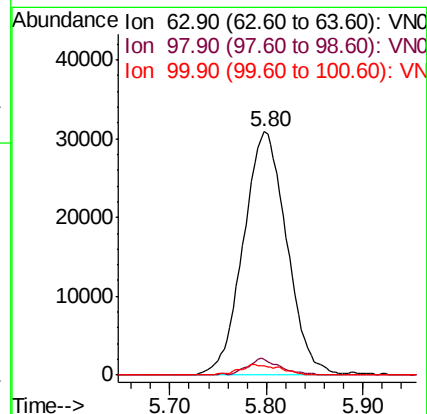
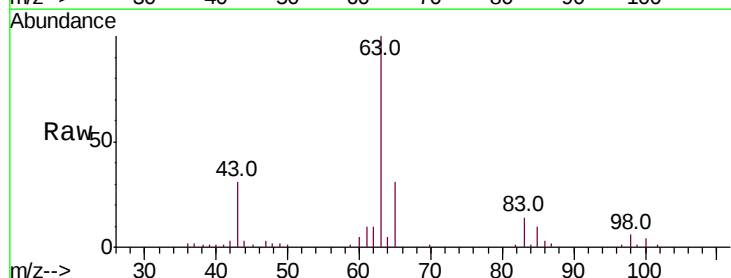
Tgt Ion: 63 Resp: 96209

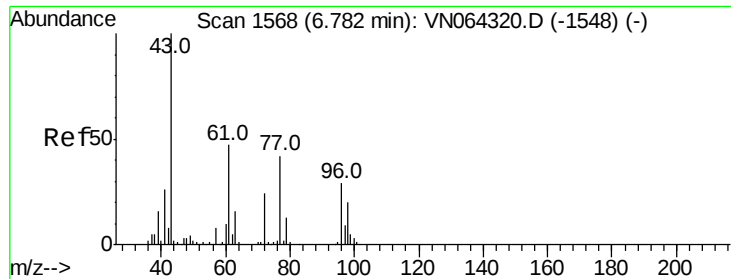
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 3.8 2.0 5.8





#25

2-Butanone

Concen: 86.035 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

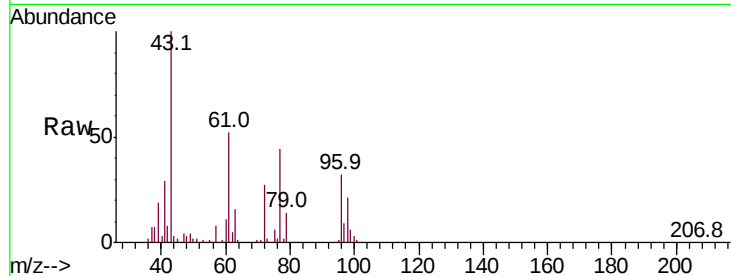
VN1030MBS01

Tot Ion: 43 Resp: 169619

Ion Ratio Lower Upper

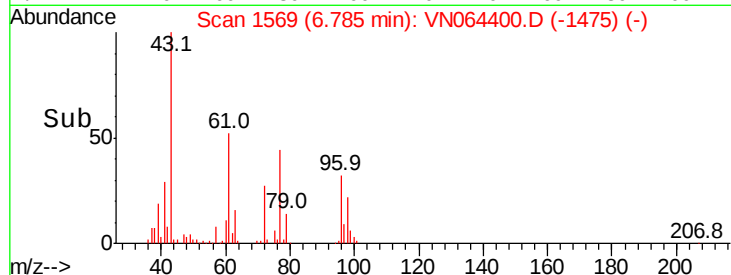
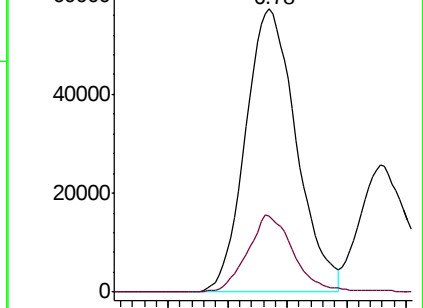
43 100

72 26.9 18.8 28.2

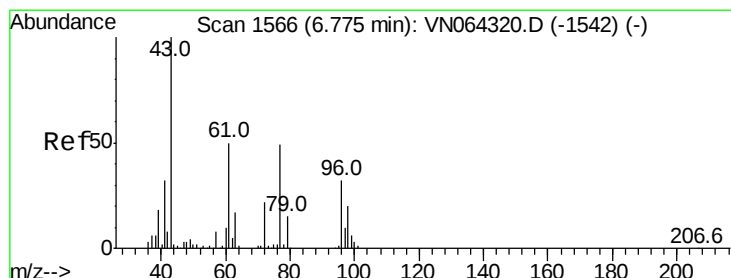


Abundance Ion 43.00 (42.70 to 43.70): VN064400.D (-1475) (-)

Ion 72.00 (71.70 to 72.70): VN064400.D (-1475) (-)



Time-->



#26

2,2-Dichloropropane

Concen: 17.860 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064400.D

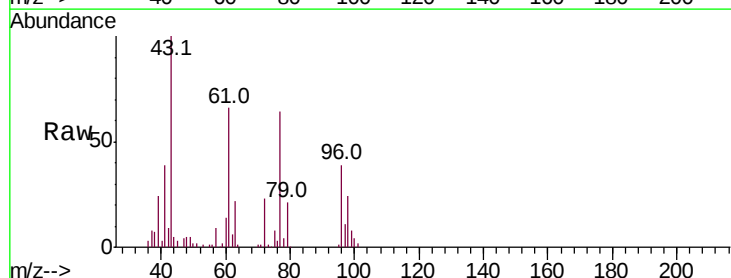
Acq: 30 Oct 2020 15:18

Tgt Ion: 77 Resp: 91128

Ion Ratio Lower Upper

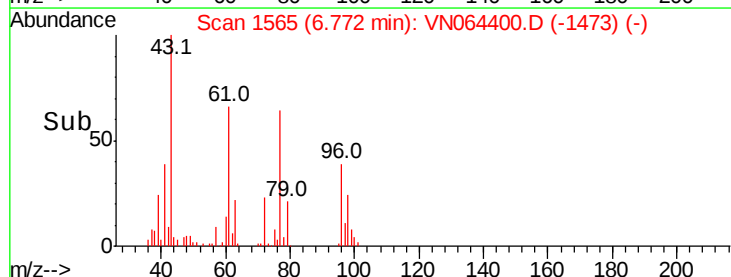
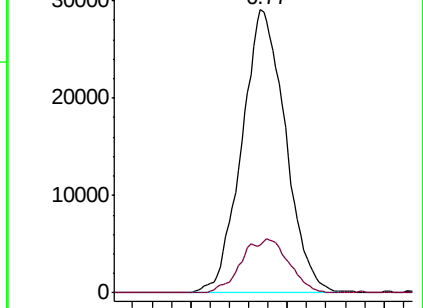
77 100

97 8.0 10.2 30.6#

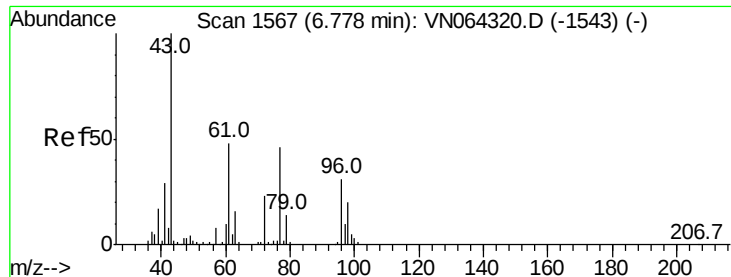


Abundance Ion 76.90 (76.60 to 77.60): VN064400.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN064400.D (-1473) (-)



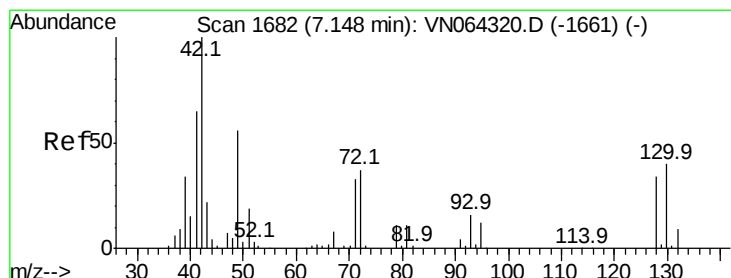
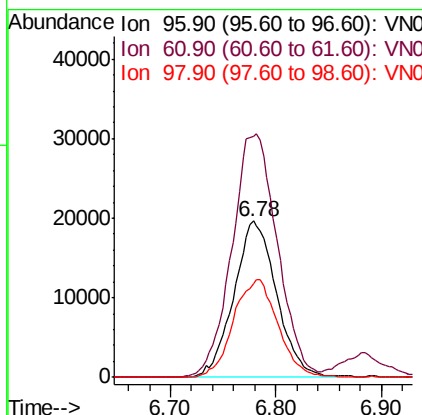
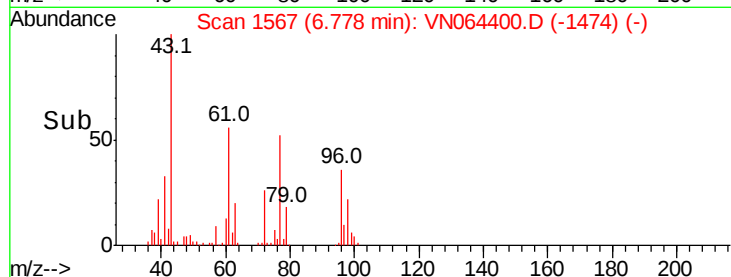
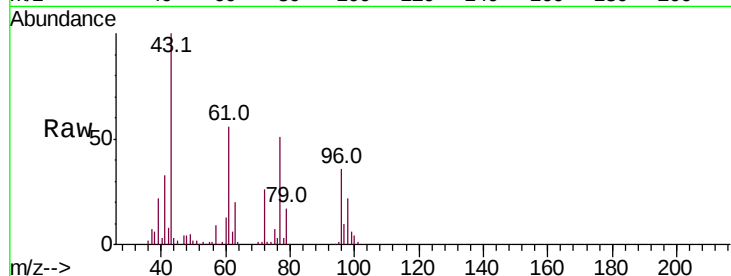
Time-->



#27
 cis-1,2-Dichloroethene
 Concen: 18.523 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

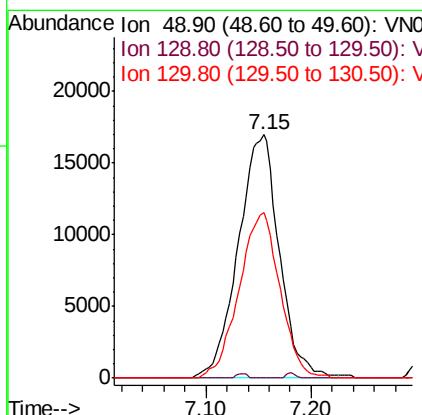
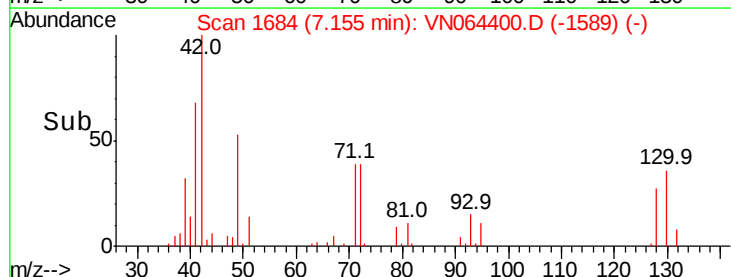
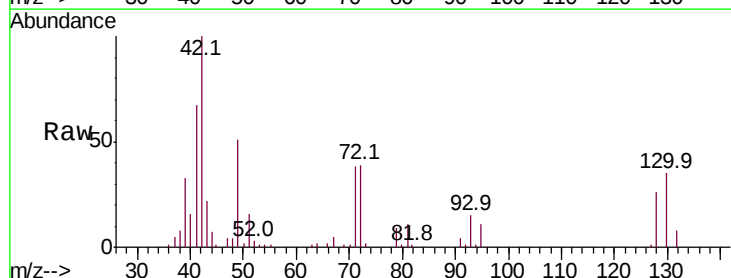
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

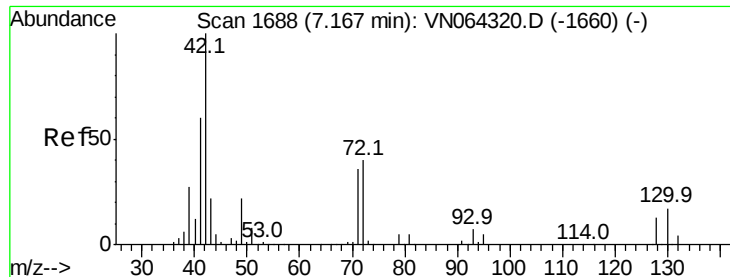
Tot Ion	Ratio	Lower	Upper
96	100		
61	166.3	0.0	325.0
98	65.2	0.0	128.4



#28
 Bromochloromethane
 Concen: 18.500 ug/l
 RT: 7.15 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	2.8
130	67.8	56.2	84.2





#29

Tetrahydrofuran

Concen: 86.641 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBS01

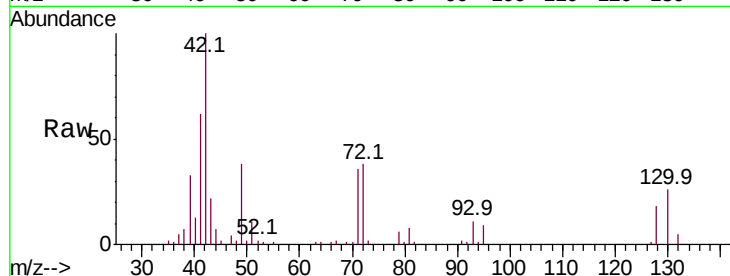
Tot Ion: 42 Resp: 110891

Ion Ratio Lower Upper

42 100

72 39.6 31.6 47.4

71 37.8 29.4 44.0

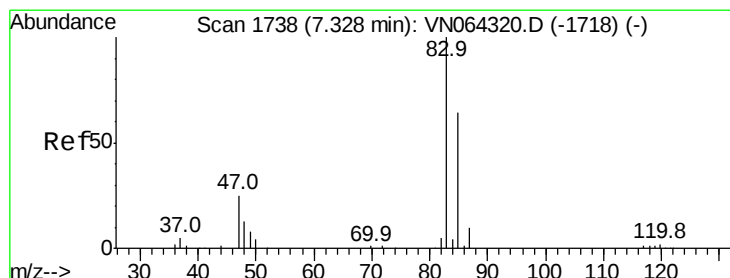
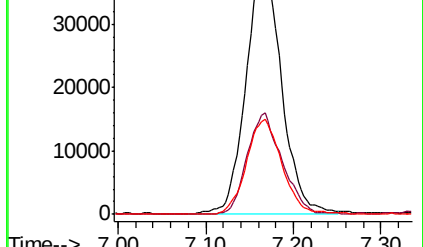
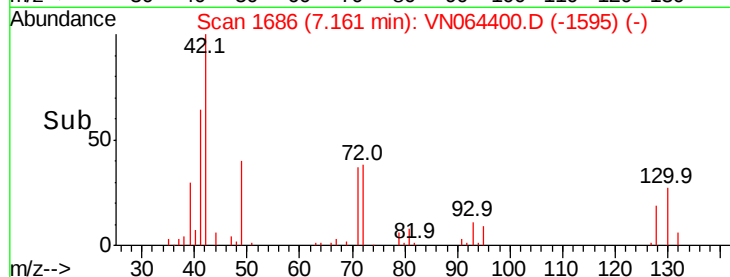


Abundance Ion 42.00 (41.70 to 42.70): VN064400.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN064400.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN064400.D (-1660) (-)

Time-->



#30

Chloroform

Concen: 18.860 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064400.D

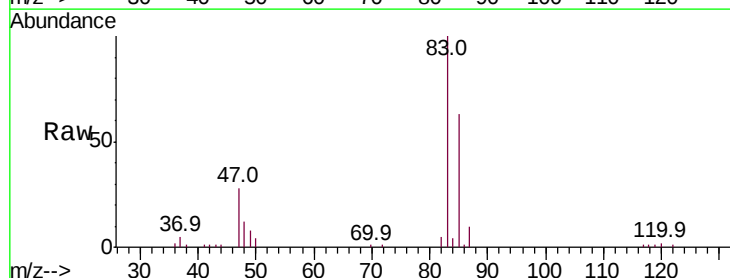
Acq: 30 Oct 2020 15:18

Tgt Ion: 83 Resp: 104947

Ion Ratio Lower Upper

83 100

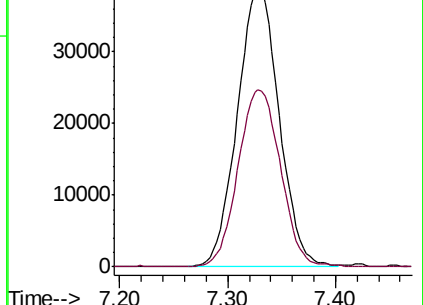
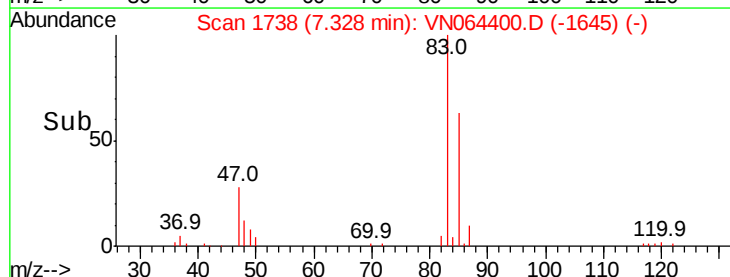
85 62.5 51.1 76.7

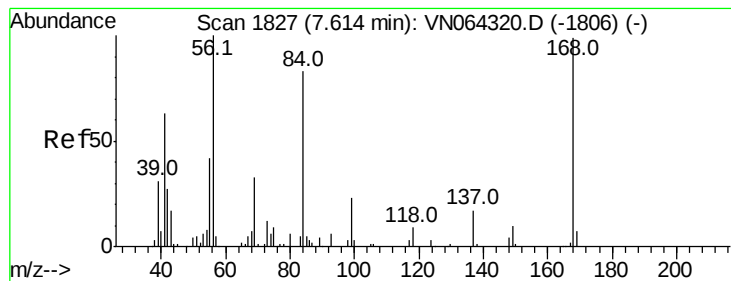


Abundance Ion 82.90 (82.60 to 83.60): VN064400.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064400.D (-1718) (-)

Time-->





#31

Cvclohexane

Concen: 17.343 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBS01

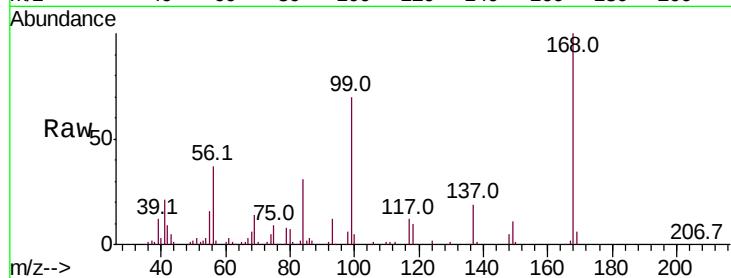
Tot Ion: 56 Resp: 79032

Ion Ratio Lower Upper

56 100

69 38.6 25.8 38.8

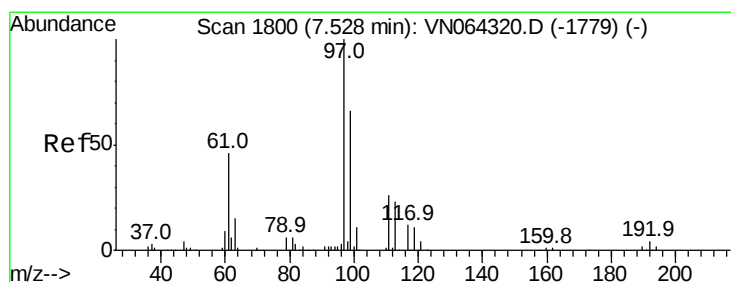
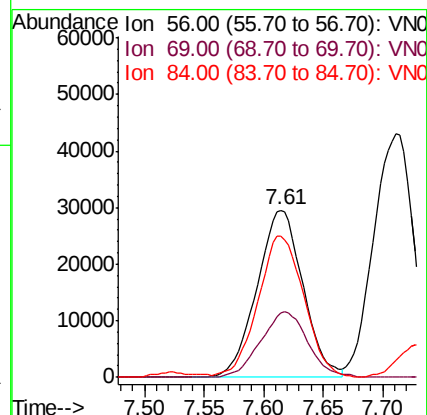
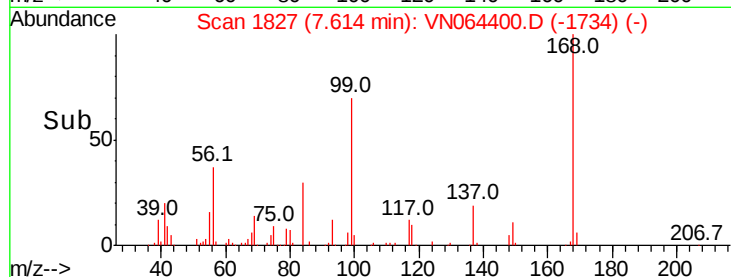
84 83.0 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.725 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

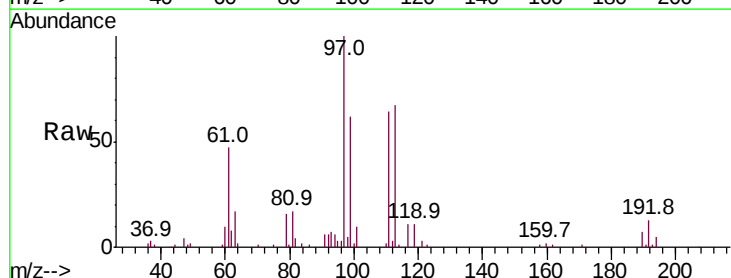
Tgt Ion: 97 Resp: 94716

Ion Ratio Lower Upper

97 100

99 65.0 50.6 76.0

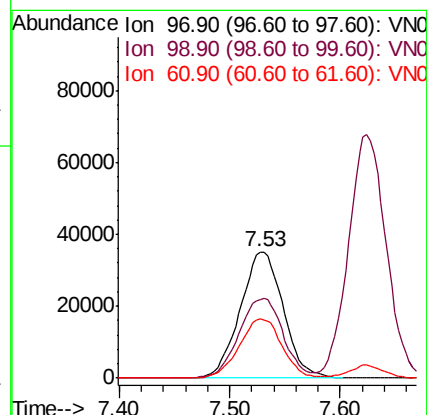
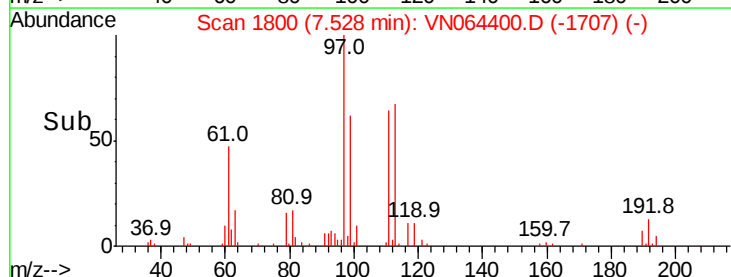
61 47.0 35.8 53.6

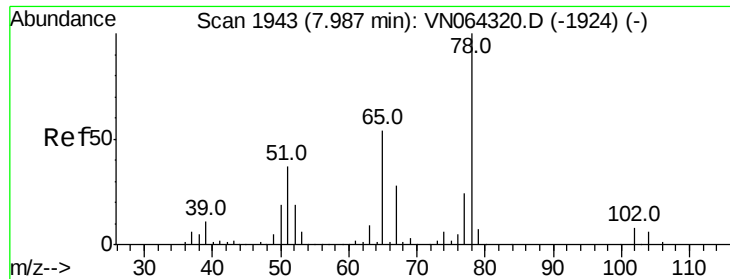


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

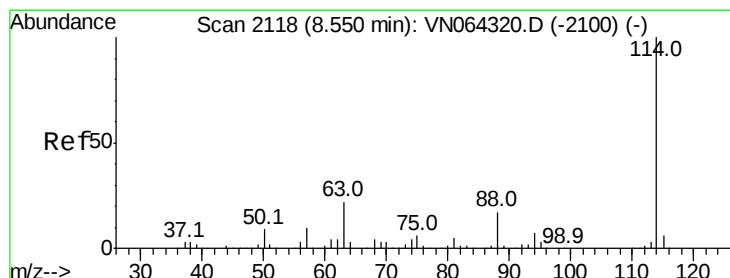
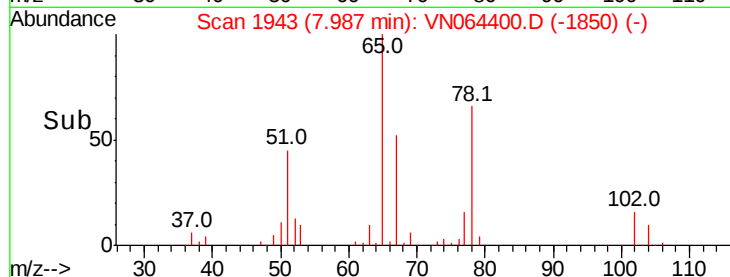
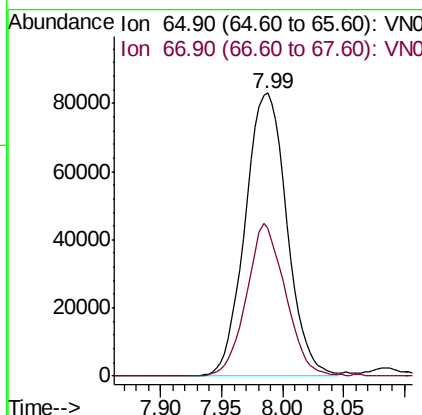
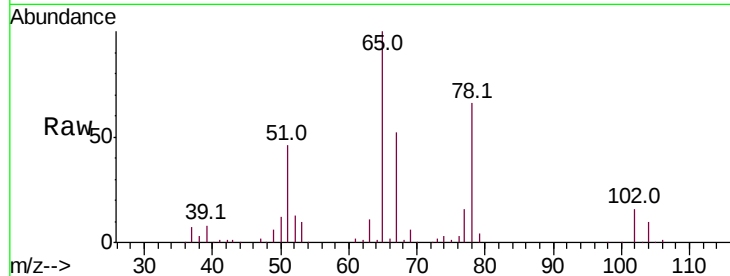




#33
 1,2-Dichloroethane-d4
 Concen: 50.100 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

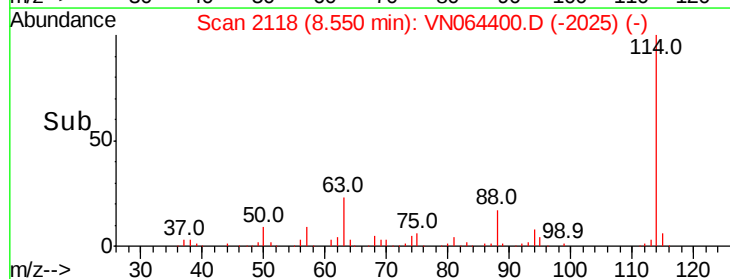
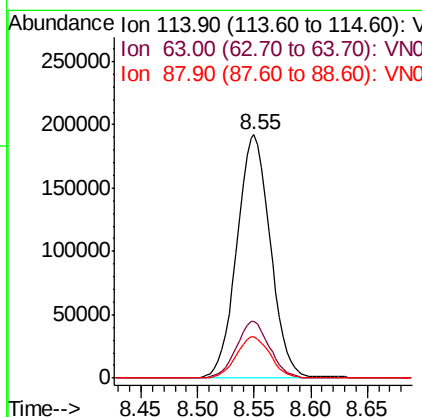
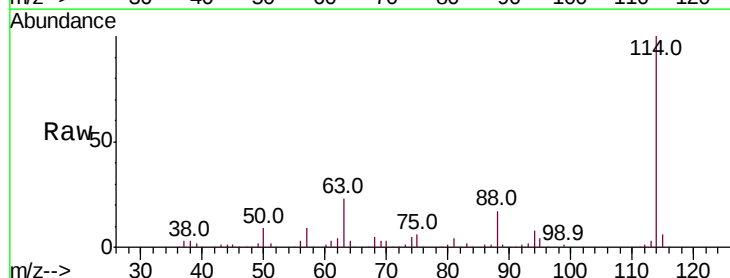
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

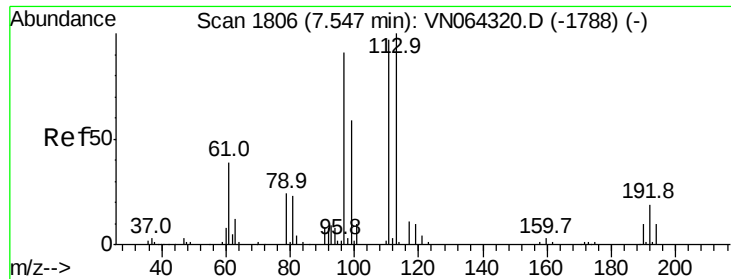
Tot Ion: 65 Resp: 196717
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion: 114 Resp: 396532
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 44.6
 88 16.9 0.0 33.4

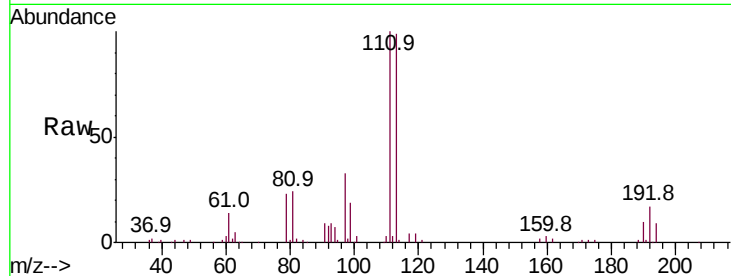




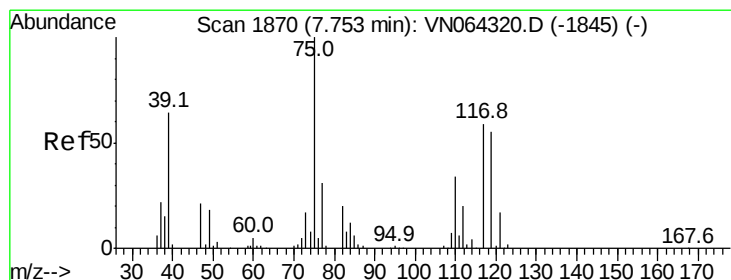
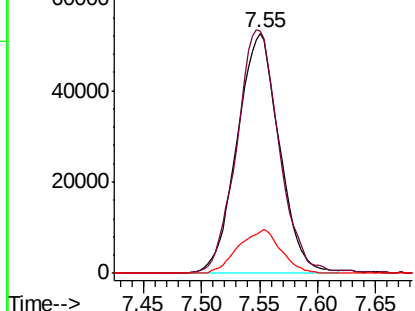
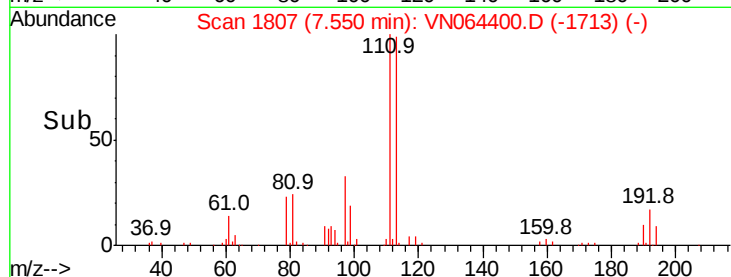
#35
Dibromofluoromethane
Concen: 50.327 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

Tot Ion:113 Resp: 133084
Ion Ratio Lower Upper
113 100
111 102.4 81.5 122.3
192 18.4 15.0 22.4

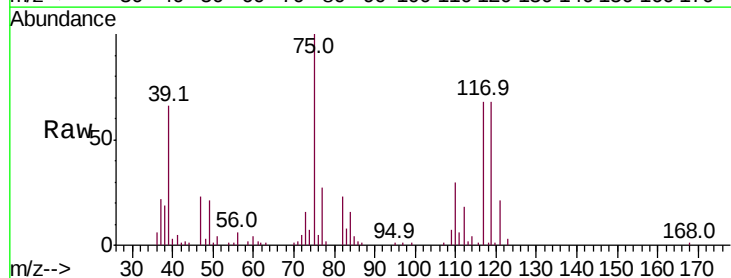


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

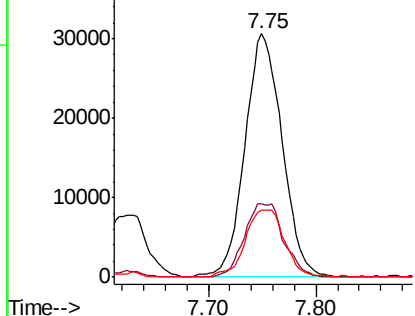
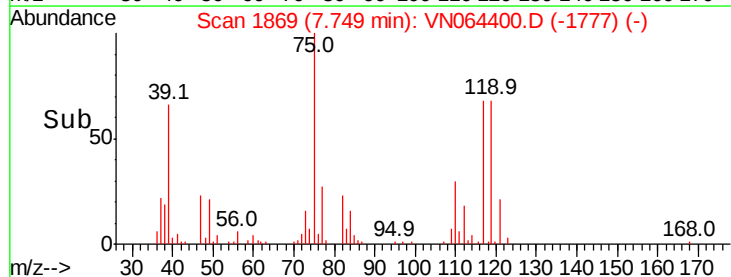


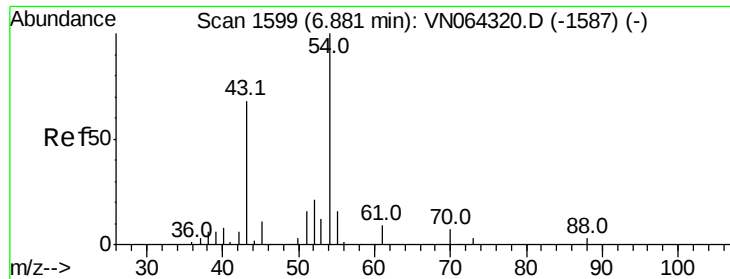
#36
1,1-Dichloropropene
Concen: 18.358 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 75 Resp: 73467
Ion Ratio Lower Upper
75 100
110 31.7 16.8 50.3
77 29.1 24.2 36.4



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

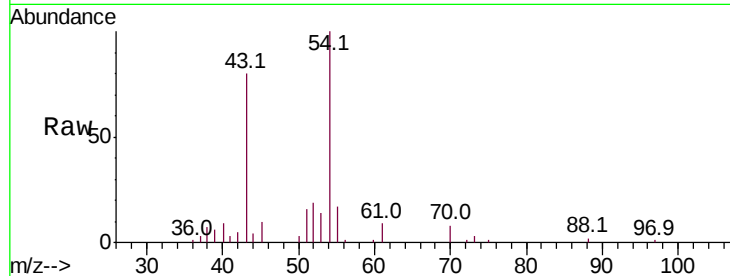




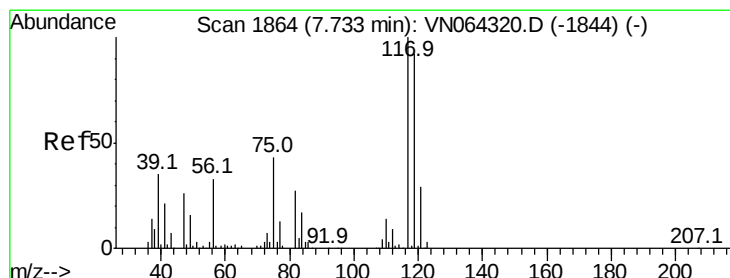
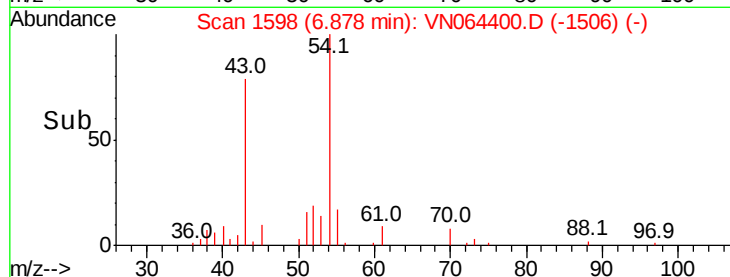
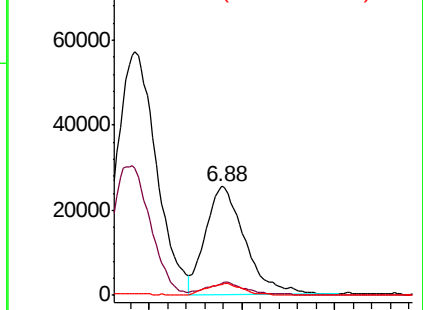
#37
Ethyl Acetate
Concen: 18.646 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

Tot Ion: 43 Resp: 75373
Ion Ratio Lower Upper
43 100
61 9.8 10.0 15.0#
70 10.3 7.1 10.7

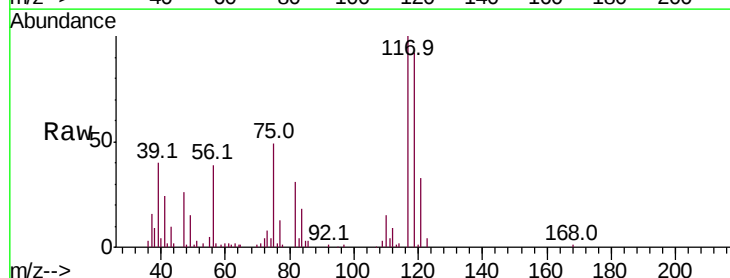


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

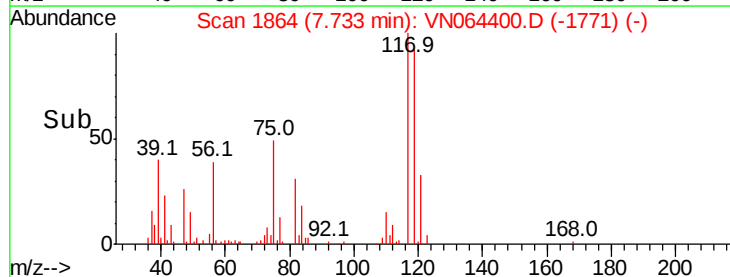
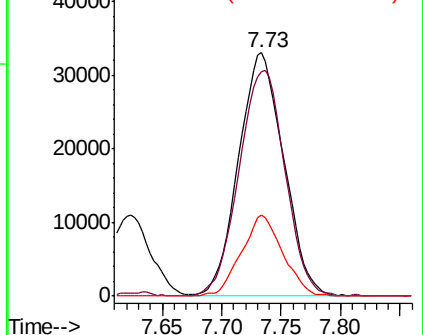


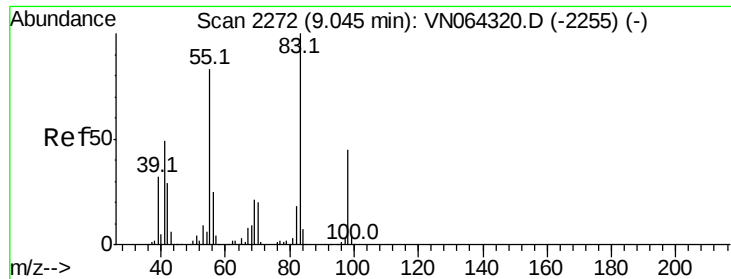
#38
Carbon Tetrachloride
Concen: 18.711 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 117 Resp: 86812
Ion Ratio Lower Upper
117 100
119 92.4 73.7 110.5
121 33.3 22.8 34.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

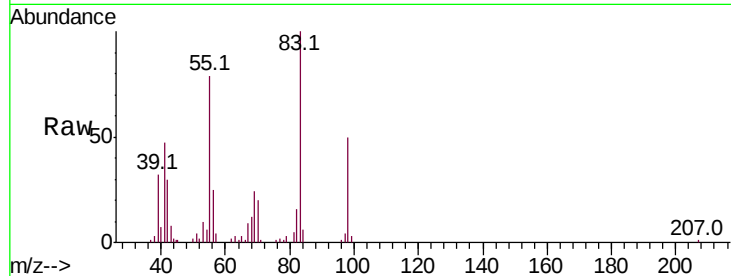




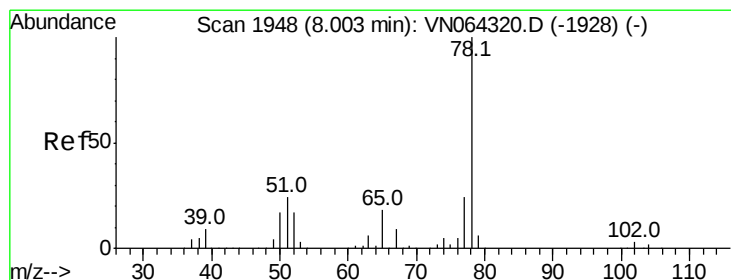
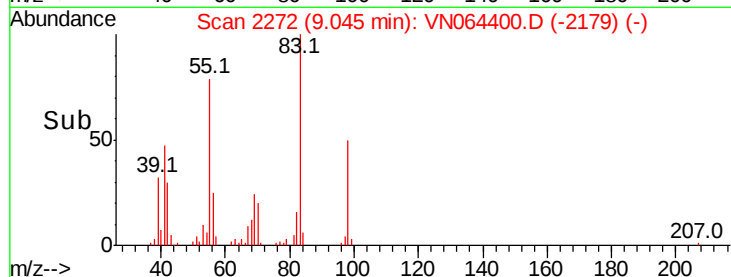
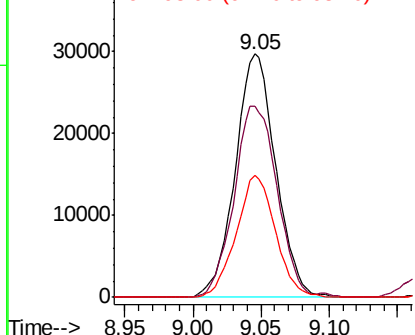
#39
Methvlcvclohexane
Concen: 15.399 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

Tot Ion: 83 Resp: 61105
Ion Ratio Lower Upper
83 100
55 78.7 66.2 99.4
98 50.3 36.0 54.0

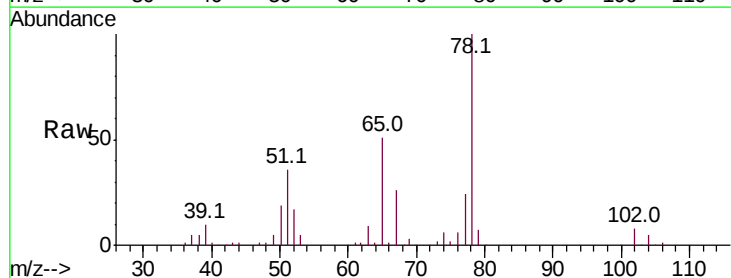


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

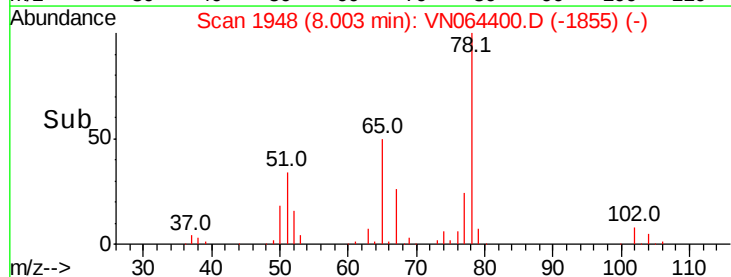
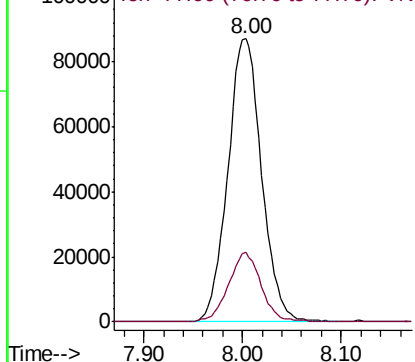


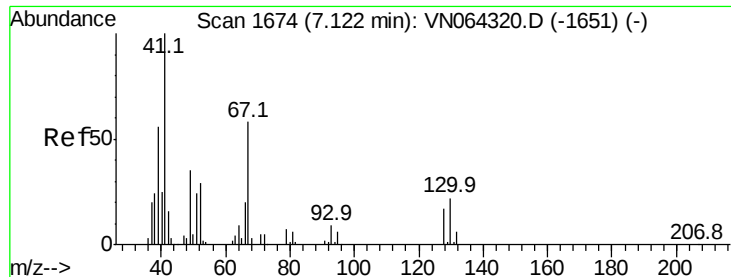
#40
Benzene
Concen: 18.602 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 78 Resp: 207219
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

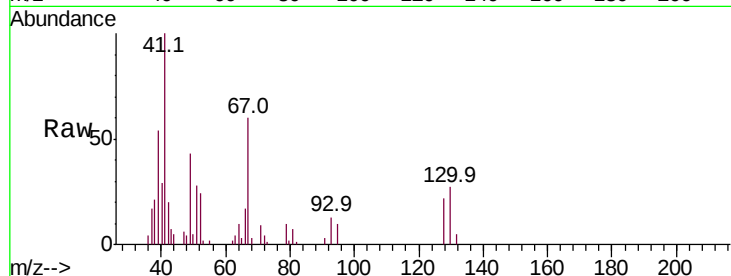




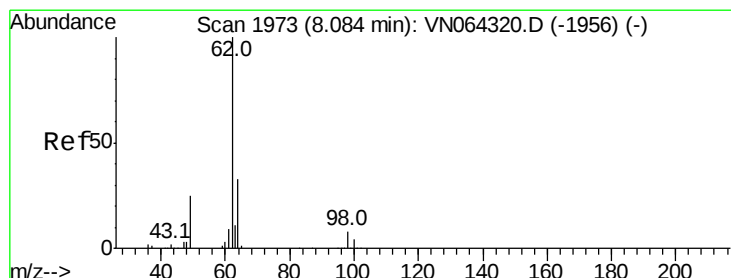
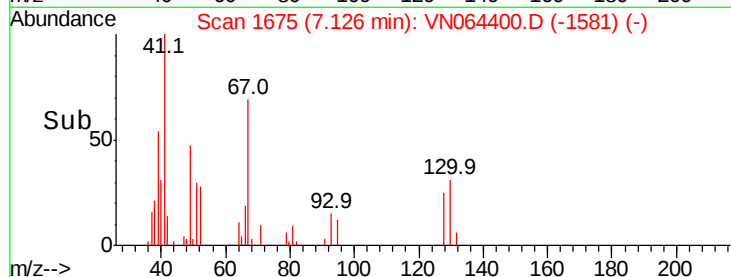
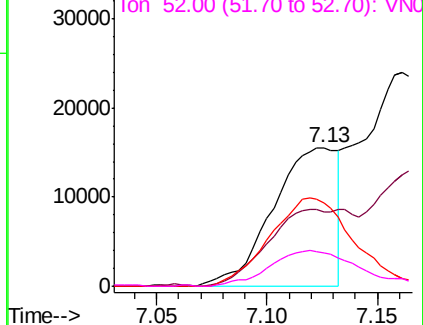
#41
Methacrylonitrile
Concen: 15.744 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Instrument :
MSVOA_N
ClientSampled :
VN1030MBS01

Tot Ion:	41	Resp:	31592
Ion	Ratio	Lower	Upper
41	100		
39	53.5	48.6	72.8
67	83.4	61.4	92.2
52	35.9	27.6	41.4

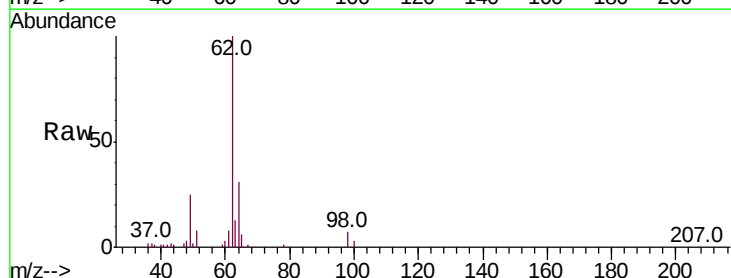


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

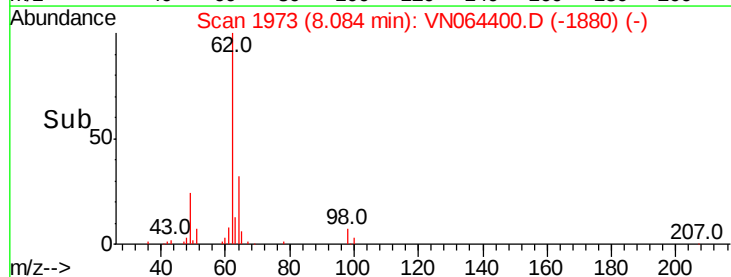
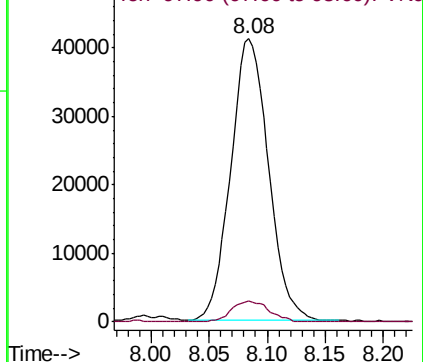


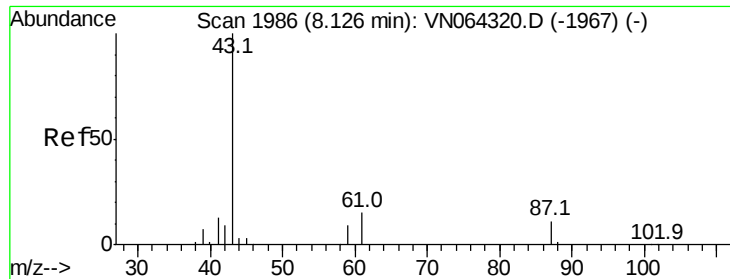
#42
1,2-Dichloroethane
Concen: 19.333 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion:	62	Resp:	93030
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	14.2



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





#43

Isopropyl Acetate

Concen: 18.359 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBS01

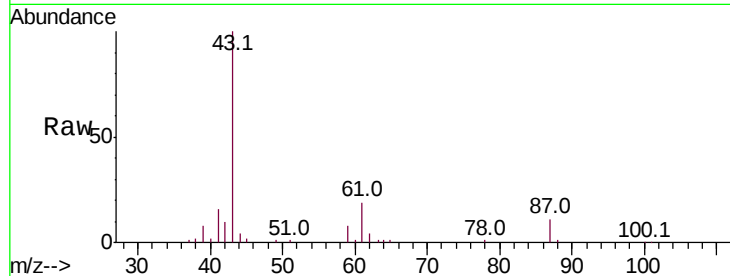
Tot Ion: 43 Resp: 126859

Ion Ratio Lower Upper

43 100

61 24.9 19.1 28.7

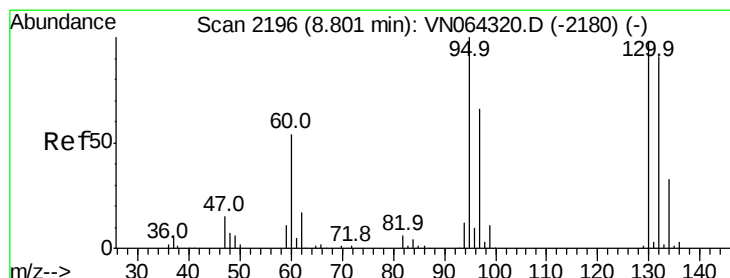
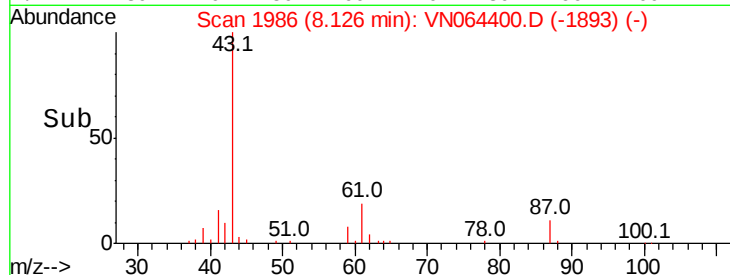
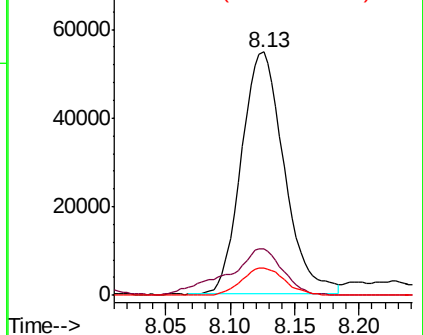
87 11.3 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064400.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064400.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064400.D (-1893) (-)



#44

Trichloroethene

Concen: 19.196 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064400.D

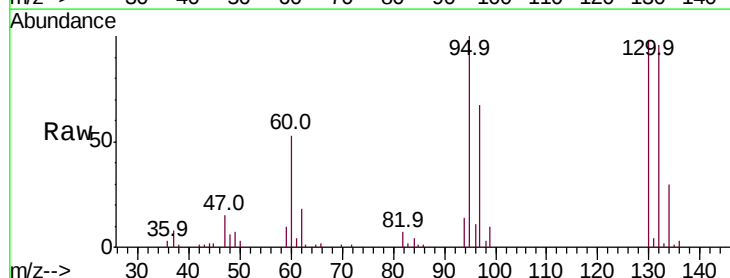
Acq: 30 Oct 2020 15:18

Tgt Ion:130 Resp: 56016

Ion Ratio Lower Upper

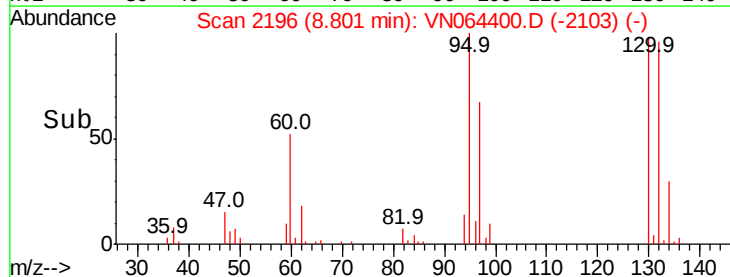
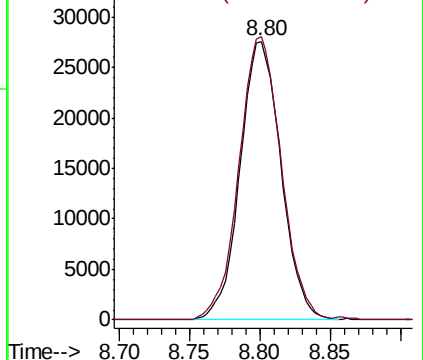
130 100

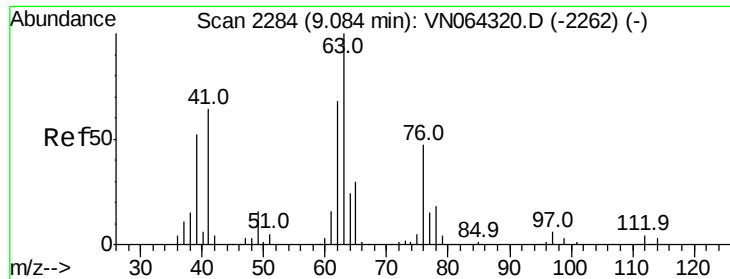
95 101.5 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064400.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064400.D (-2103) (-)

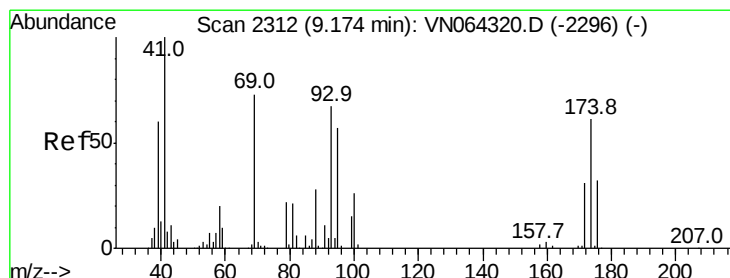
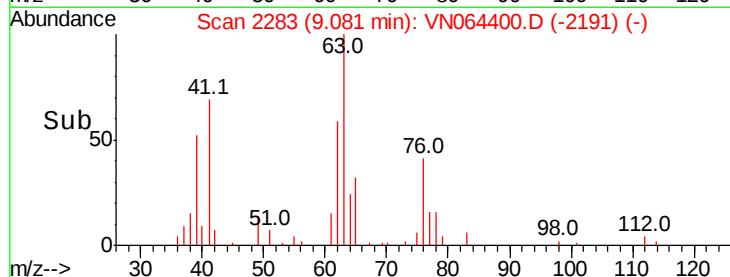
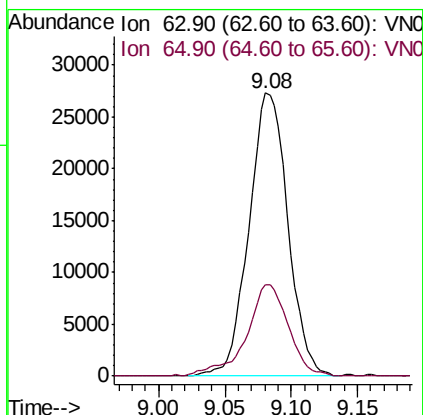
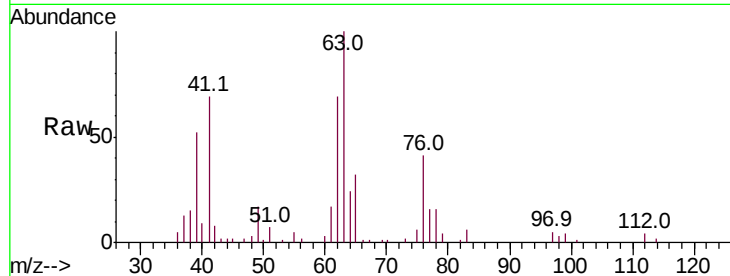




#45
 1,2-Dichloropropane
 Concen: 18.729 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

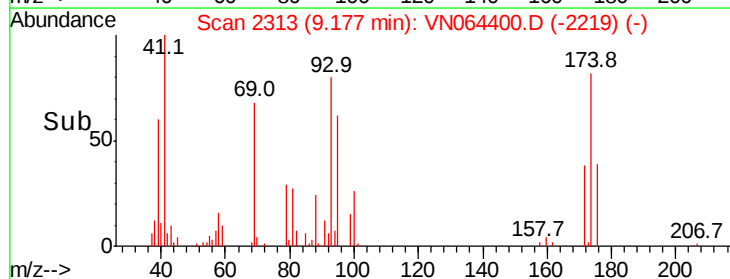
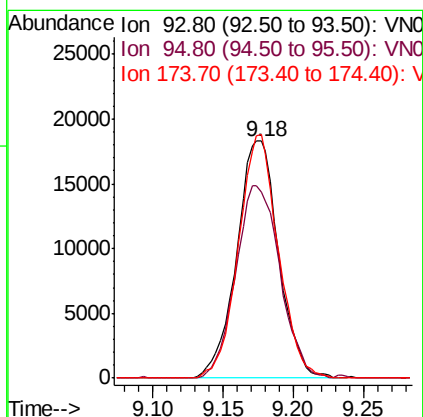
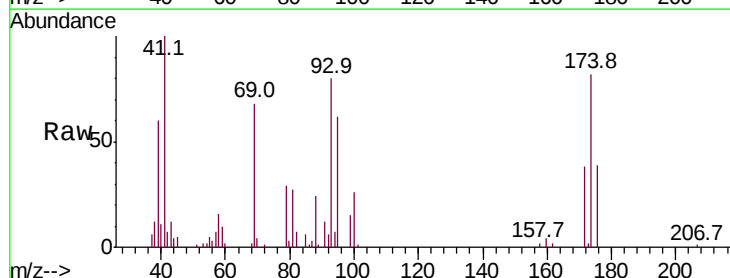
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

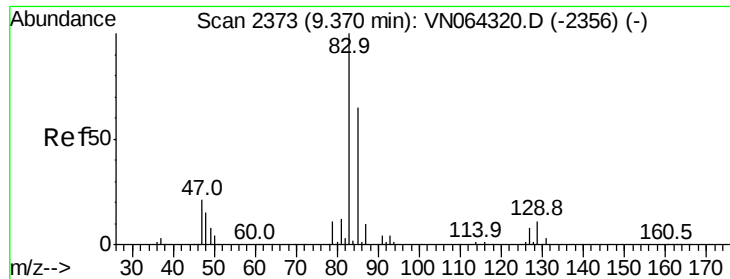
Tot Ion: 63 Resp: 55869
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.3 36.5



#46
 Dibromomethane
 Concen: 18.255 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion: 93 Resp: 38094
 Ion Ratio Lower Upper
 93 100
 95 85.5 64.4 96.6
 174 97.5 71.4 107.0





#47

Bromodichloromethane

Concen: 18.038 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBS01

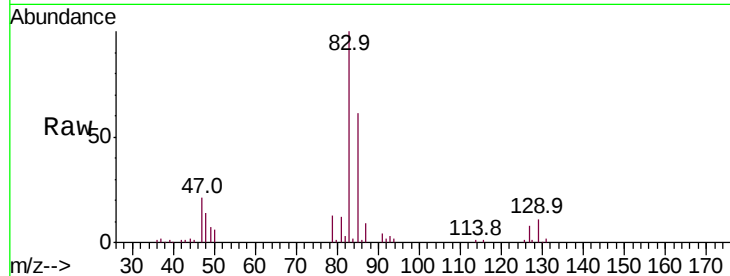
Tot Ion: 83 Resp: 83422

Ion Ratio Lower Upper

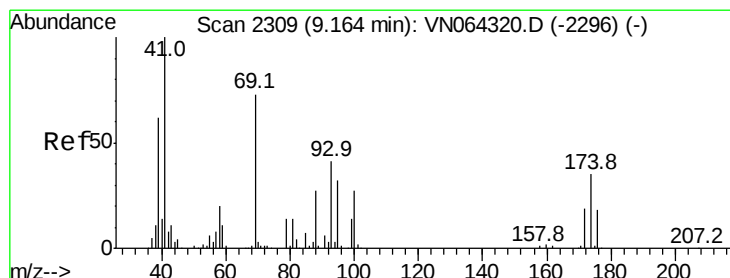
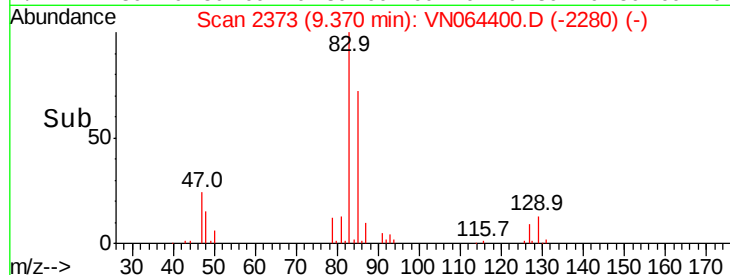
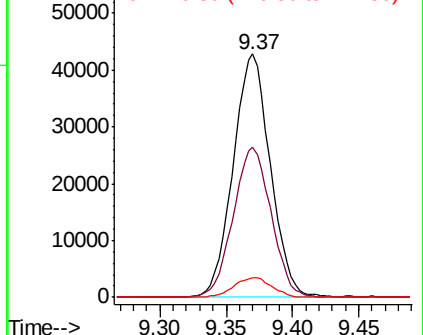
83 100

85 61.4 52.1 78.1

127 8.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 18.260 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

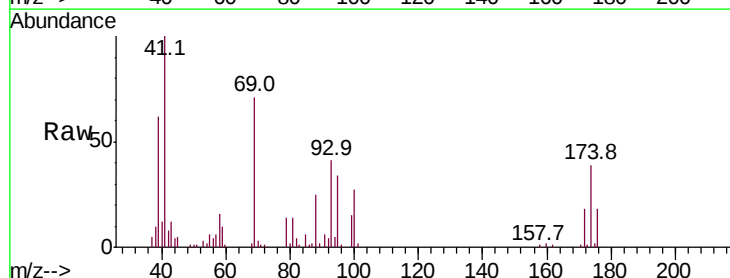
Tgt Ion: 41 Resp: 65100

Ion Ratio Lower Upper

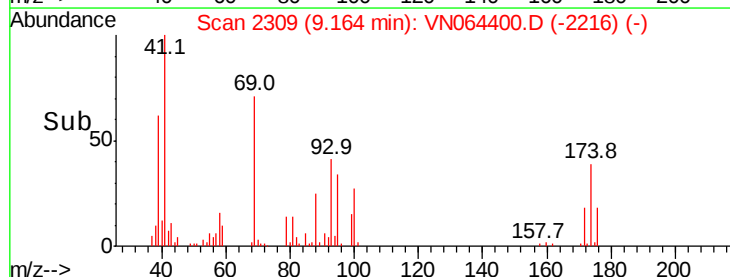
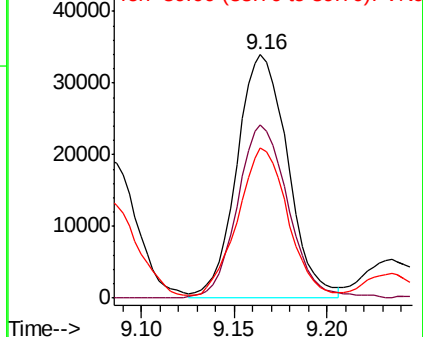
41 100

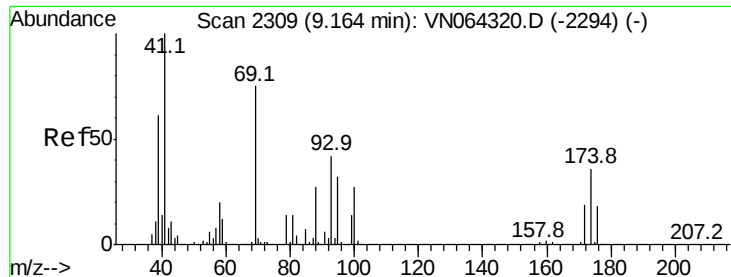
69 71.1 59.1 88.7

39 60.4 51.3 76.9



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





#49

1,4-Dioxane

Concen: 336.720 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBS01

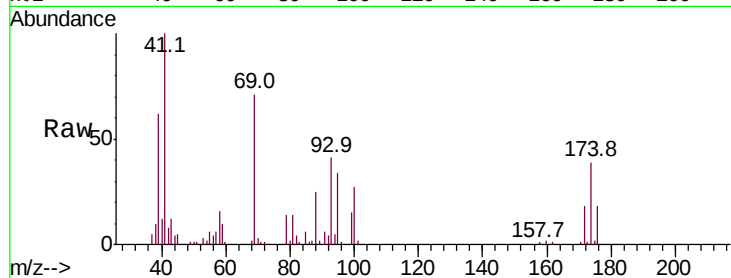
Tot Ion: 88 Resp: 17694

Ion Ratio Lower Upper

88 100

43 38.6 31.8 47.8

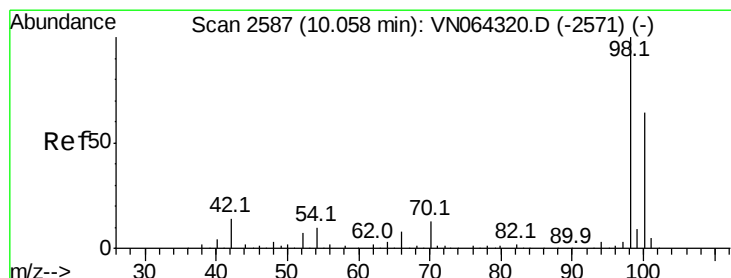
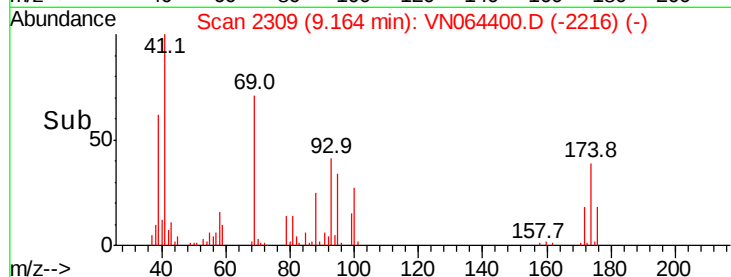
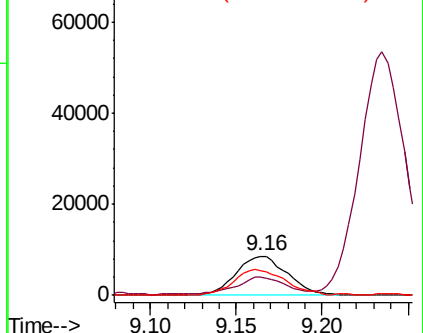
58 67.8 60.3 90.5



Abundance Ion 88.00 (87.70 to 88.70): VN064400.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064400.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064400.D (-2216) (-)



#50

Toluene-d8

Concen: 48.540 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064400.D

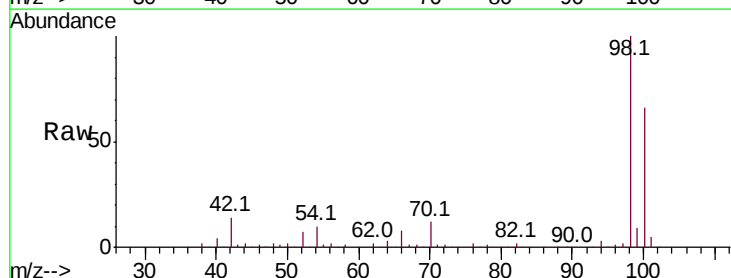
Acq: 30 Oct 2020 15:18

Tgt Ion: 98 Resp: 474776

Ion Ratio Lower Upper

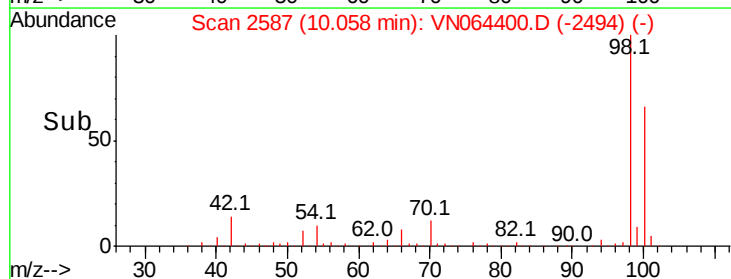
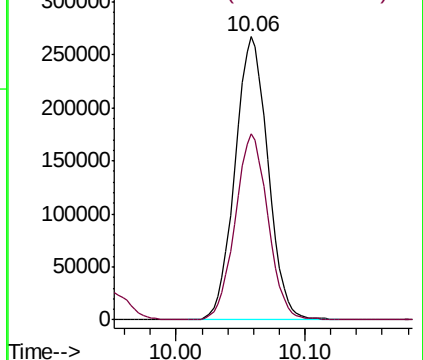
98 100

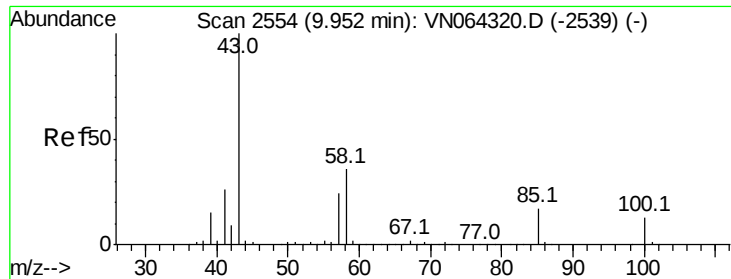
100 65.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064400.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064400.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 90.944 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

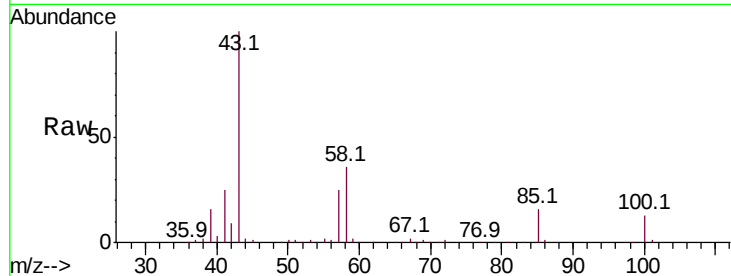
VN1030MBS01

Tot Ion: 43 Resp: 365295

Ion Ratio Lower Upper

43 100

58 36.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

200000

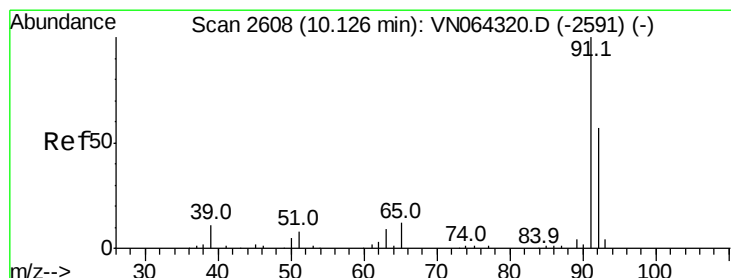
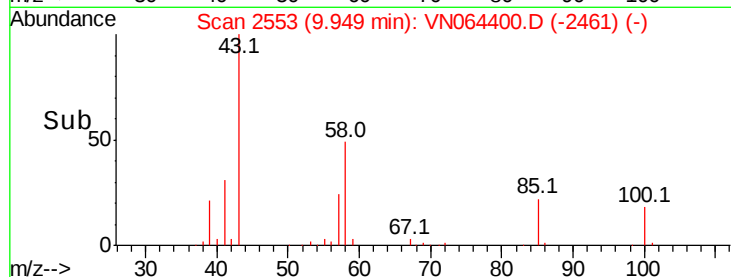
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.952 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064400.D

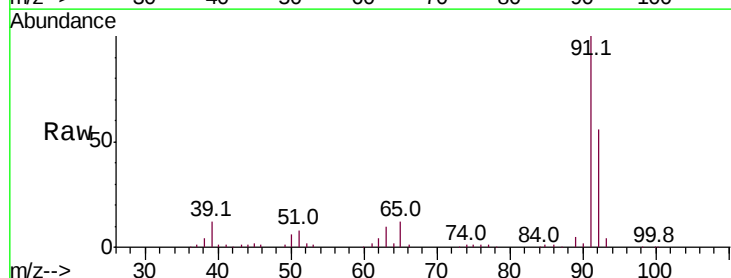
Acq: 30 Oct 2020 15:18

Tgt Ion: 92 Resp: 126188

Ion Ratio Lower Upper

92 100

91 179.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

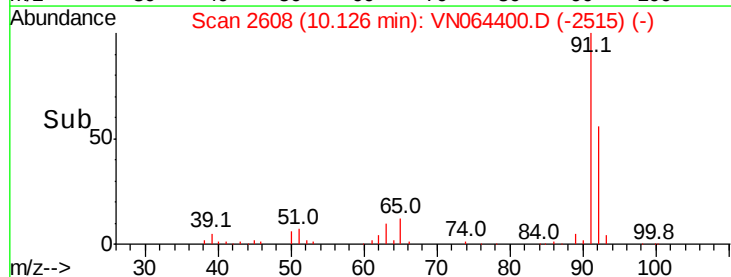
10.13

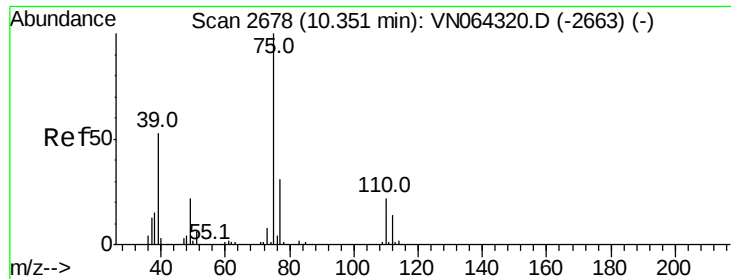
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.332 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampled :

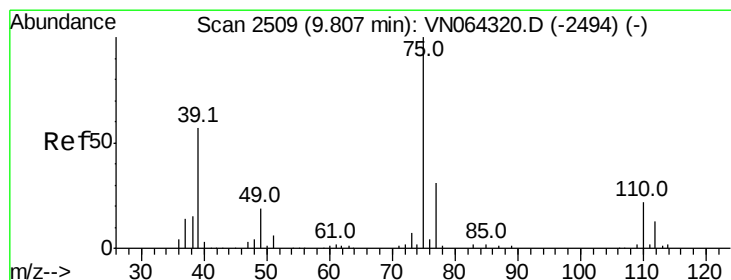
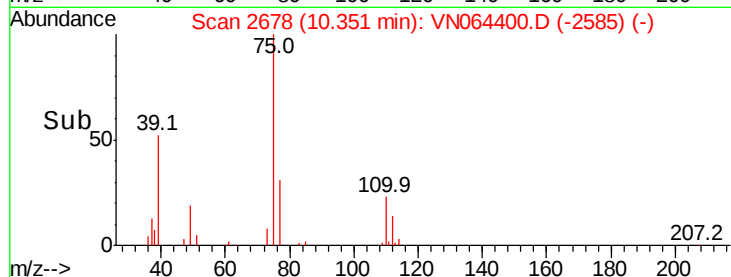
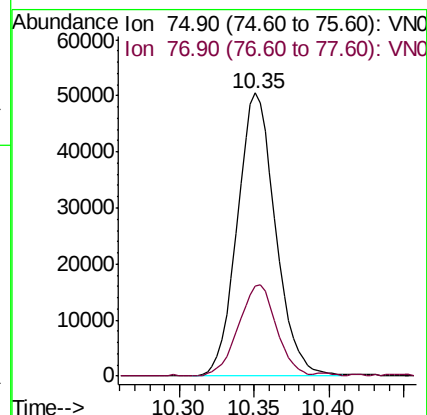
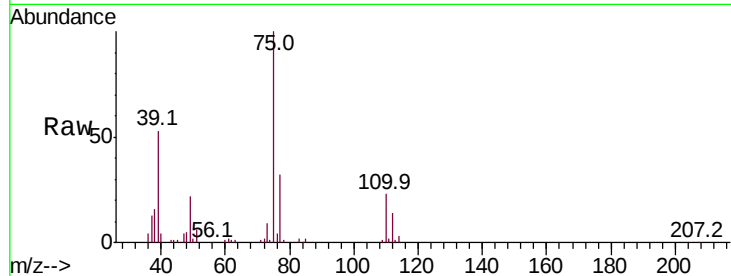
VN1030MBS01

Tot Ion: 75 Resp: 89645

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.488 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

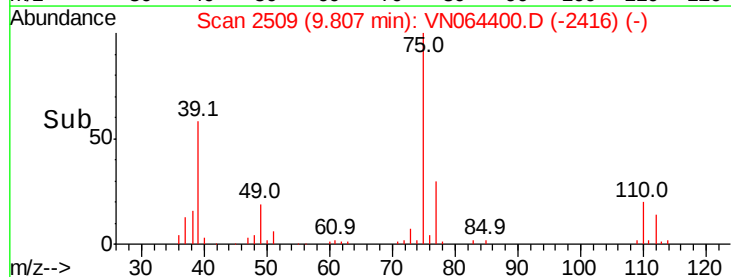
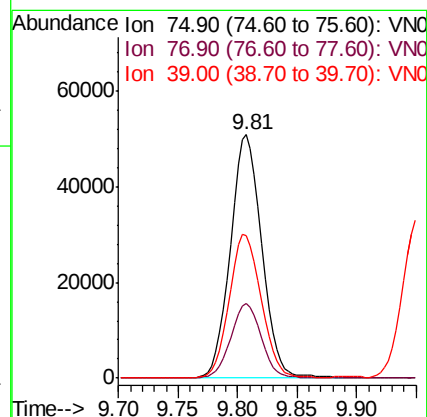
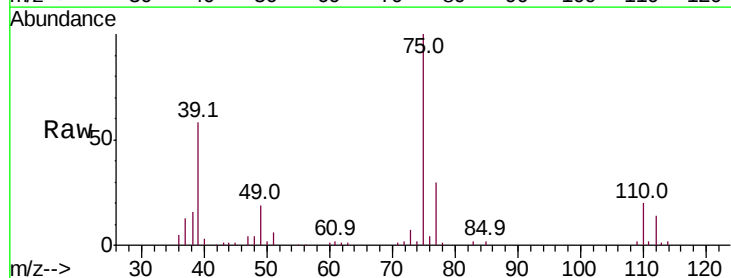
Tgt Ion: 75 Resp: 93066

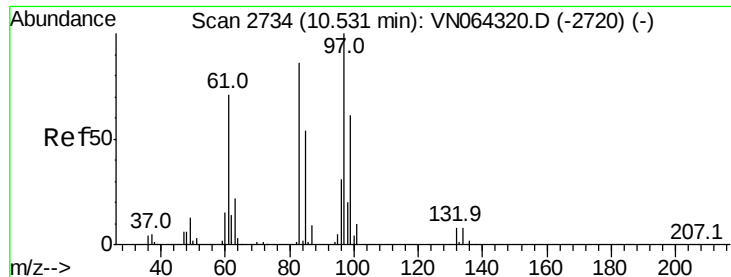
Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.4

39 58.4 45.5 68.3

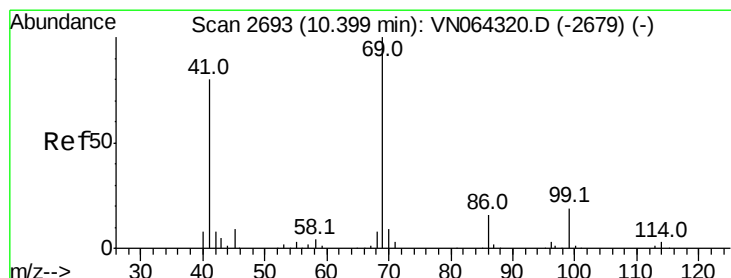
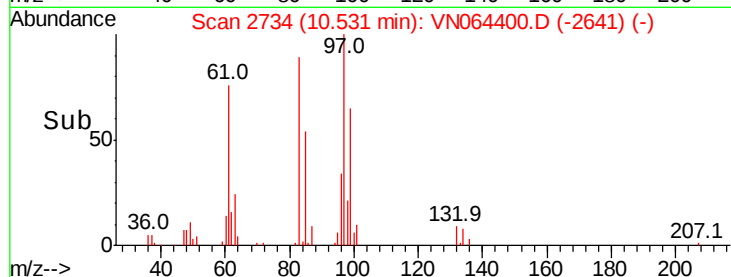
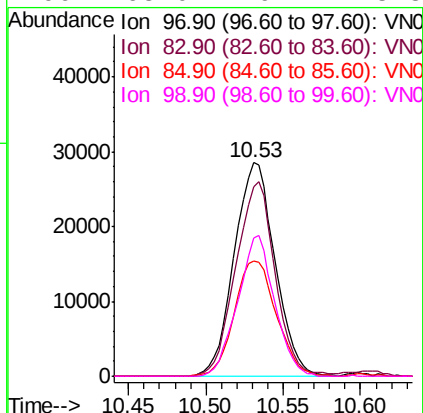
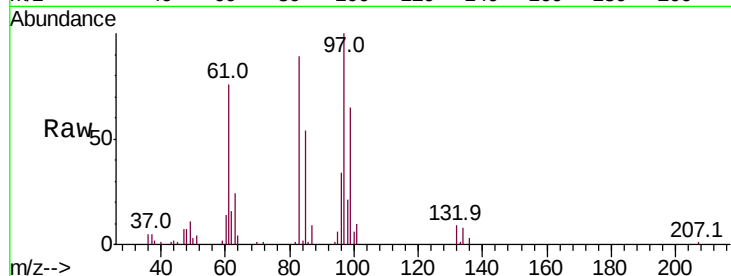




#55
 1,1,2-Trichloroethane
 Concen: 18.893 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

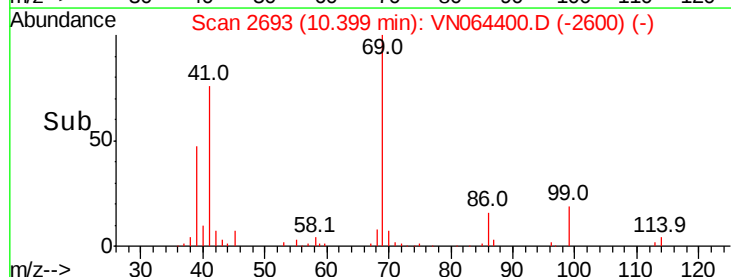
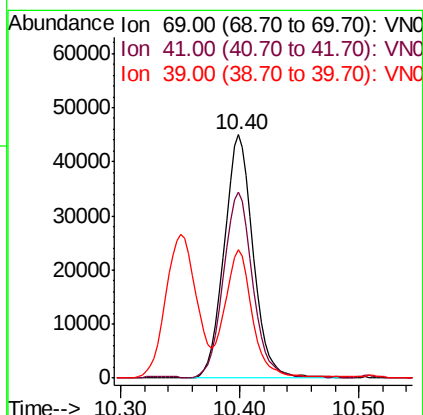
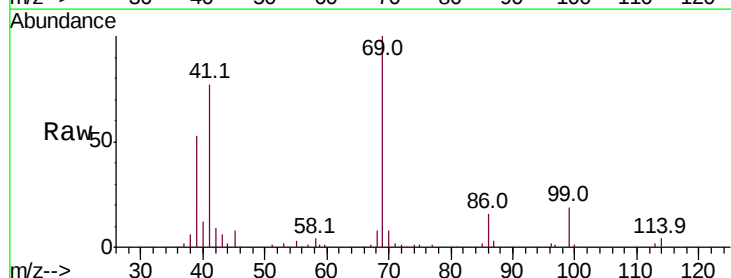
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

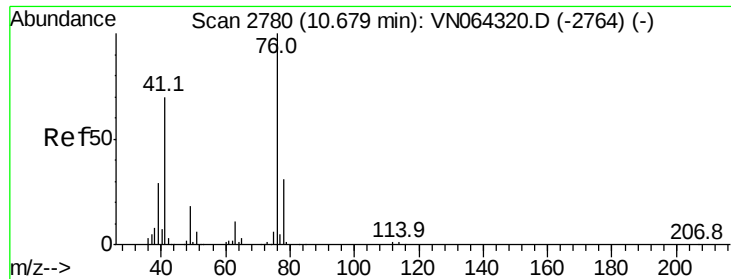
Tot Ion:	97	Resp:	52422
Ion	Ratio	Lower	Upper
97	100		
83	88.9	68.9	103.3
85	54.2	43.6	65.4
99	65.0	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 18.032 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion:	69	Resp:	75738
Ion	Ratio	Lower	Upper
69	100		
41	77.6	61.4	92.2
39	49.3	36.5	54.7





#57

1,3-Dichloropropane

Concen: 19.461 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

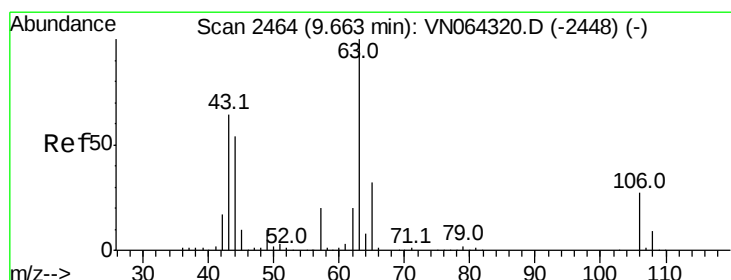
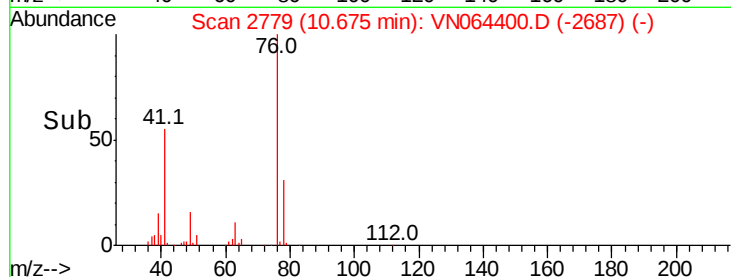
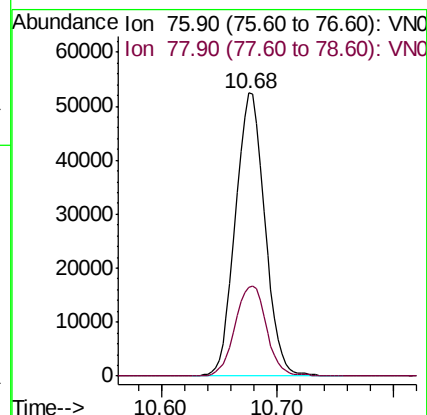
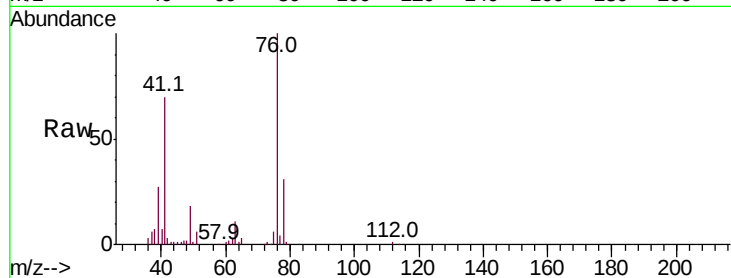
VN1030MBS01

Tot Ion: 76 Resp: 92112

Ion Ratio Lower Upper

76 100

78 34.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 82.586 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064400.D

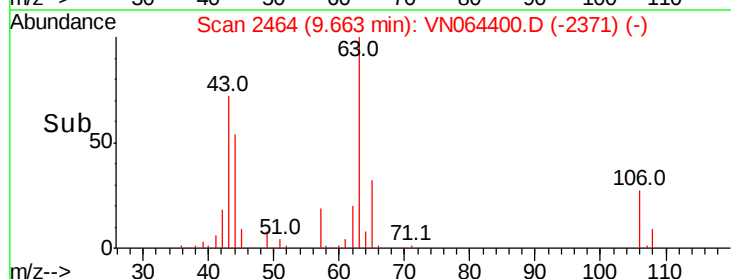
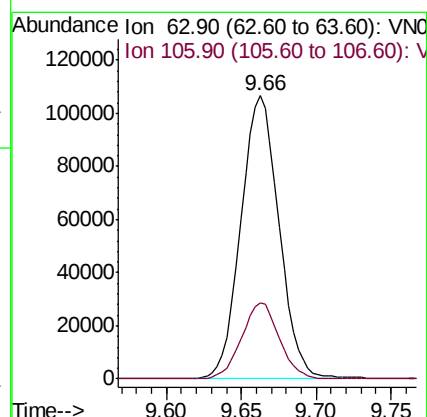
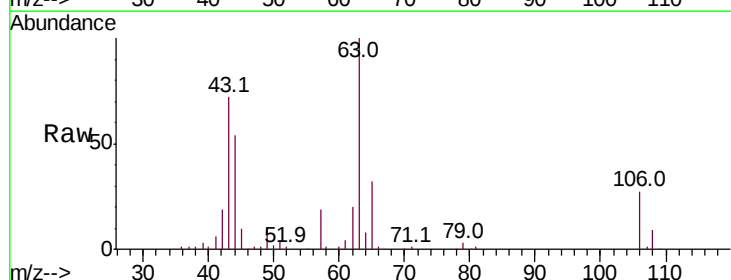
Acq: 30 Oct 2020 15:18

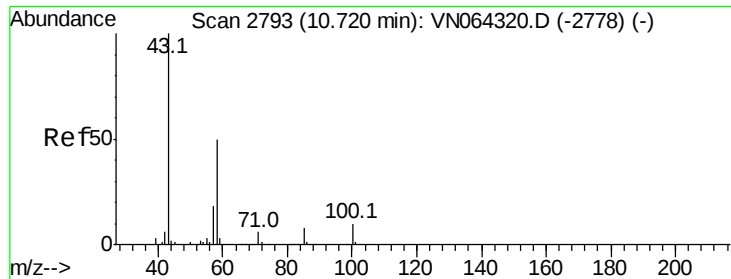
Tgt Ion: 63 Resp: 189289

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4

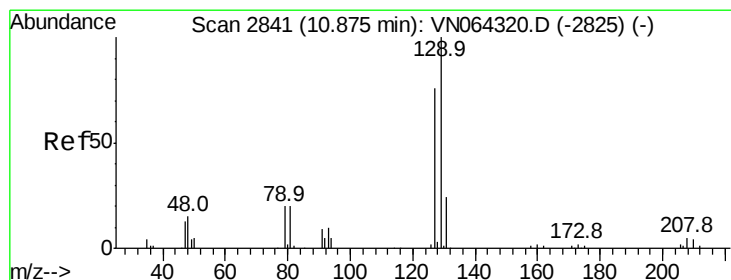
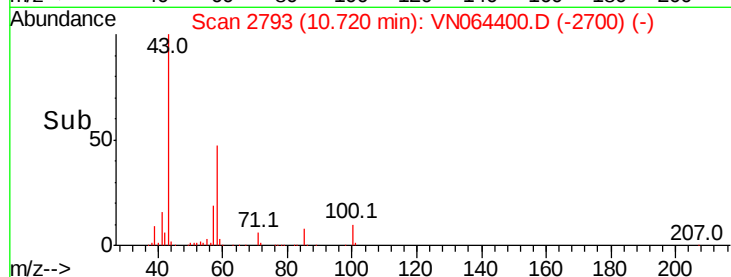
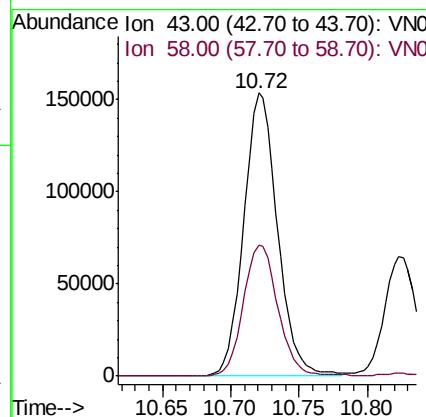
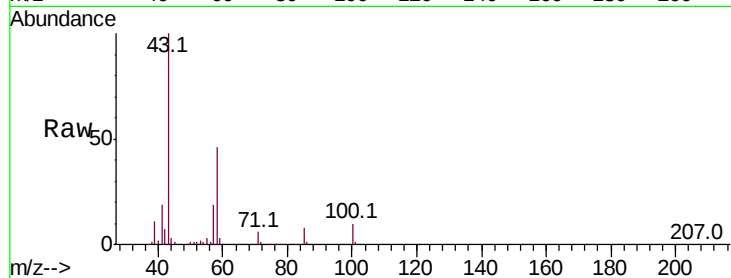




#59
2-Hexanone
Concen: 88.781 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

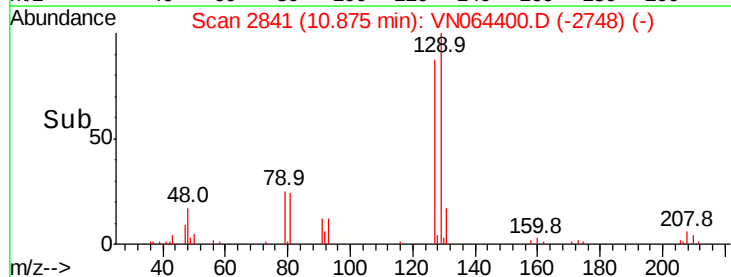
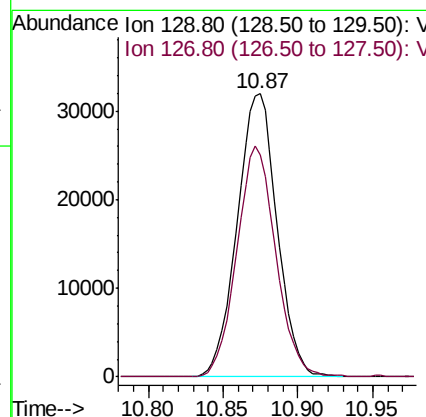
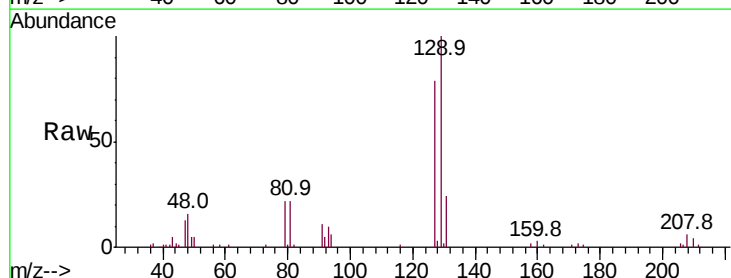
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

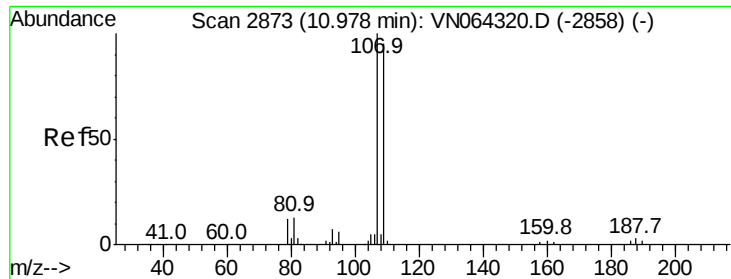
Tot Ion: 43 Resp: 262641
Ion Ratio Lower Upper
43 100
58 48.1 25.0 75.0



#60
Dibromochloromethane
Concen: 18.048 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 129 Resp: 59209
Ion Ratio Lower Upper
129 100
127 79.8 38.5 115.3

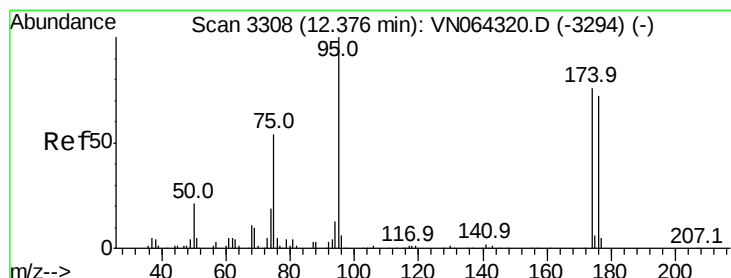
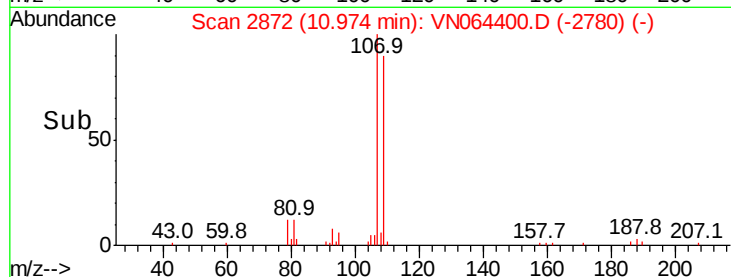
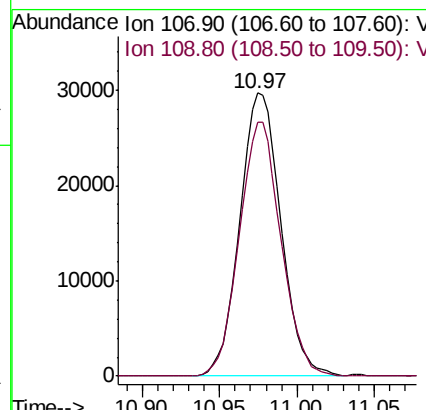
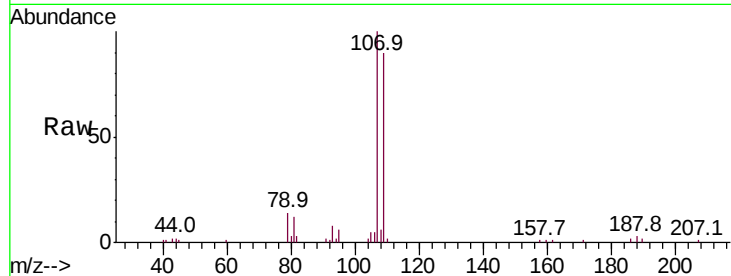




#61
 1,2-Dibromoethane
 Concen: 19.390 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

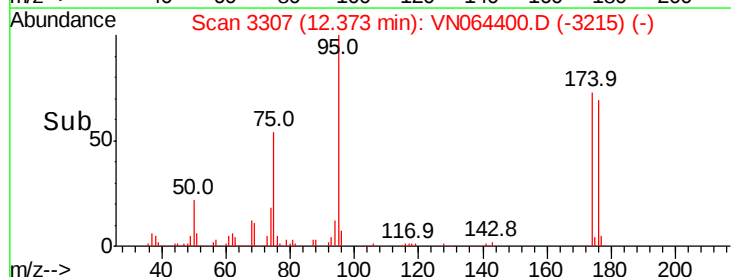
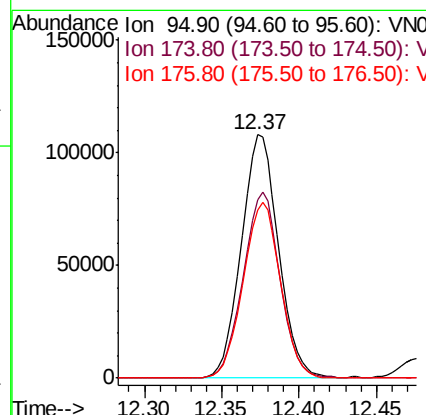
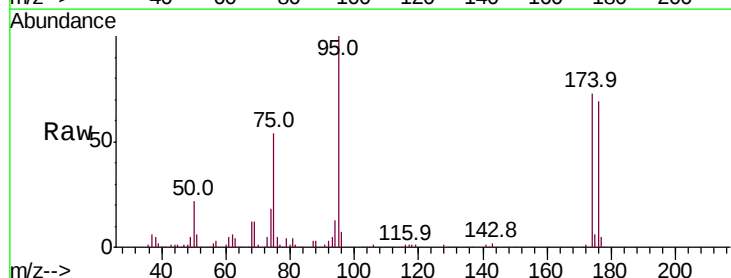
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

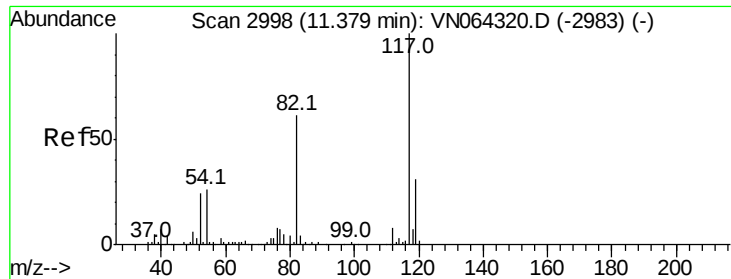
Tot Ion:107 Resp: 54818
 Ion Ratio Lower Upper
 107 100
 109 90.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.191 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion: 95 Resp: 179969
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 147.4
 176 72.8 0.0 143.6

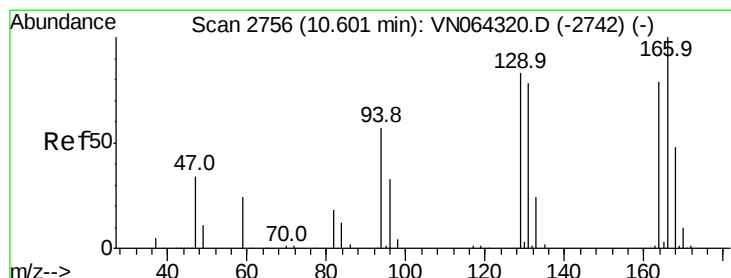
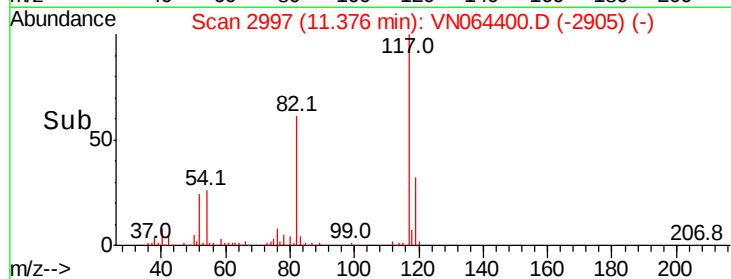
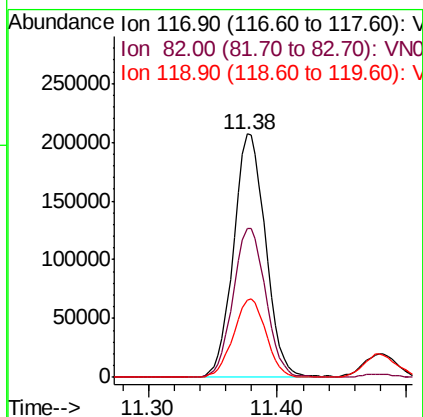
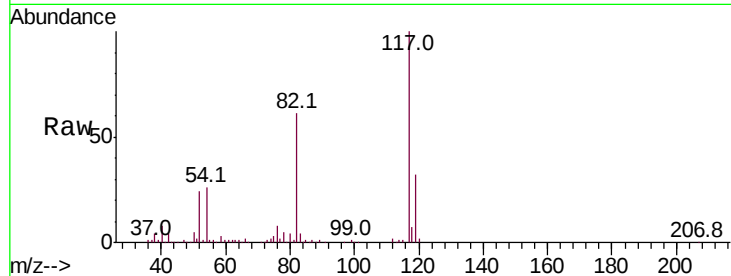




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

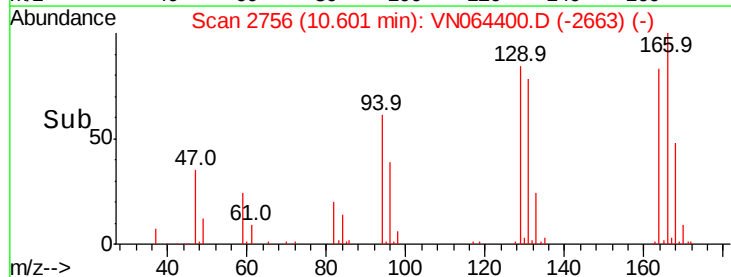
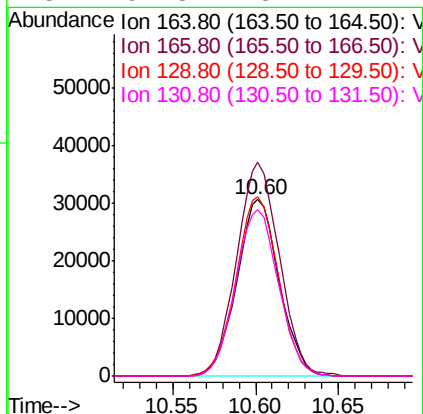
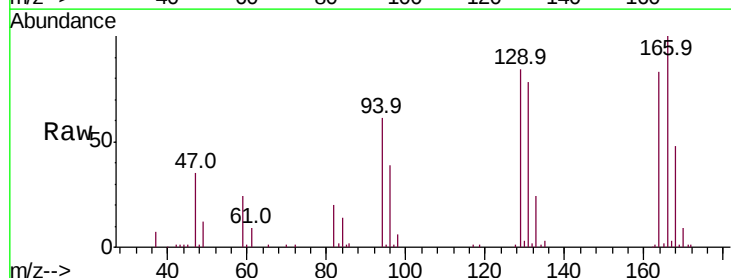
Instrument :
MSVOA_N
ClientSampled :
VN1030MBS01

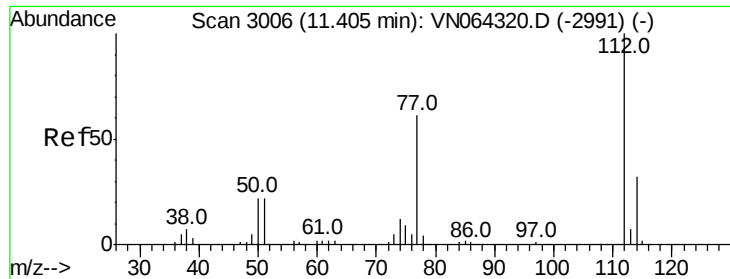
Tot Ion:117 Resp: 357814
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 18.434 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion:164 Resp: 54211
Ion Ratio Lower Upper
164 100
166 121.2 100.7 151.1
129 101.5 83.7 125.5
131 94.3 78.2 117.2

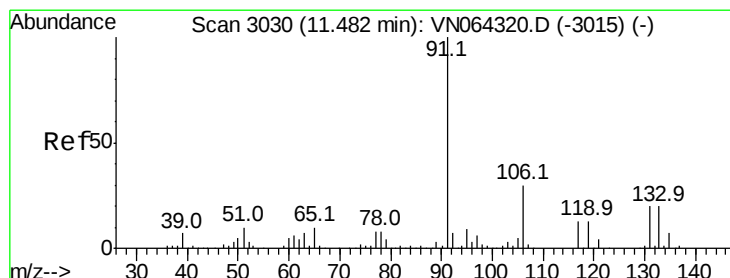
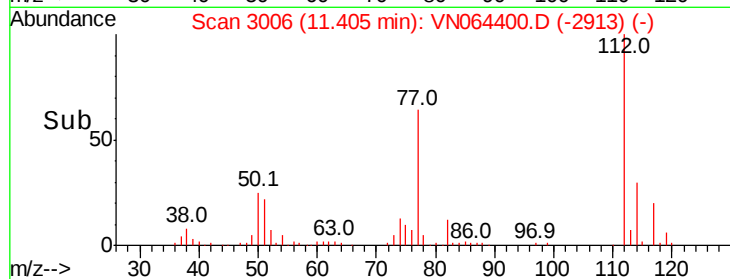
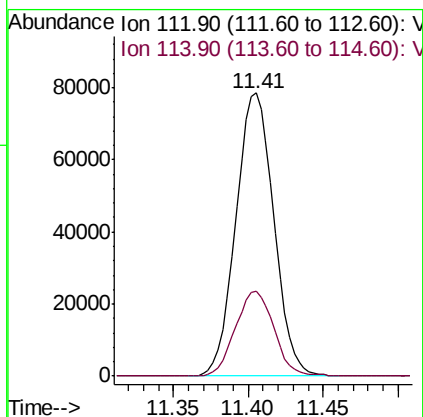
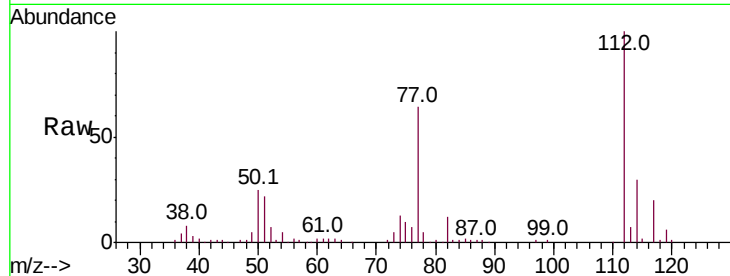




#65
Chlorobenzene
Concen: 19.112 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

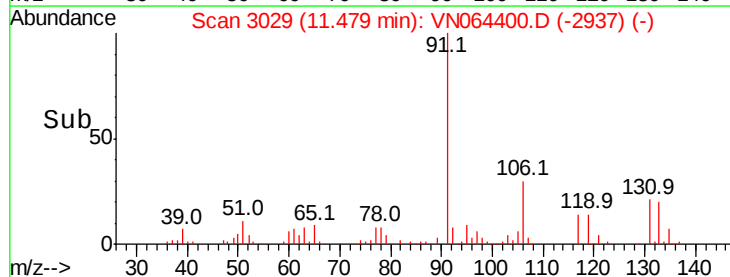
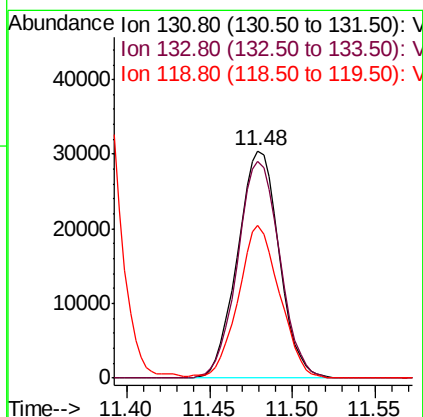
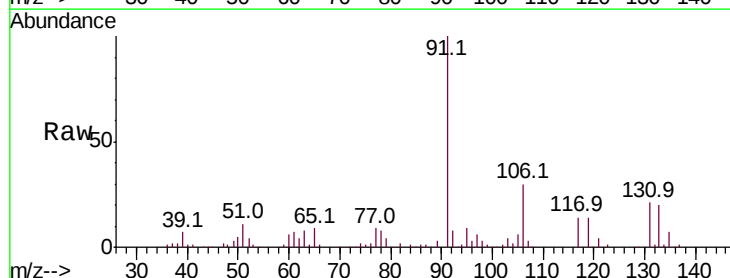
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

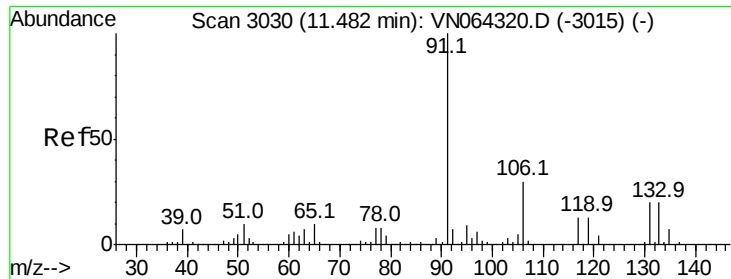
Tot Ion:112 Resp: 138643
Ion Ratio Lower Upper
112 100
114 29.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.150 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion:131 Resp: 53215
Ion Ratio Lower Upper
131 100
133 96.9 49.3 147.8
119 66.8 32.3 96.9

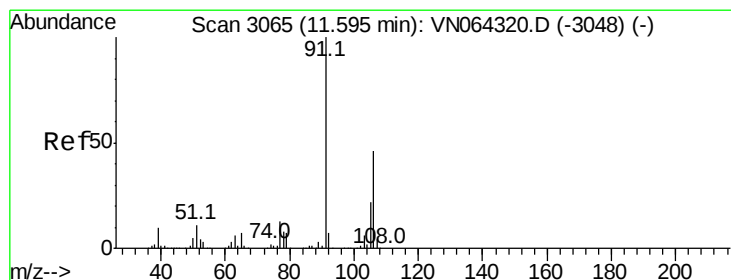
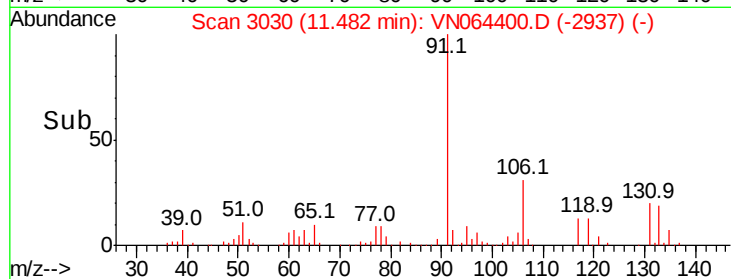
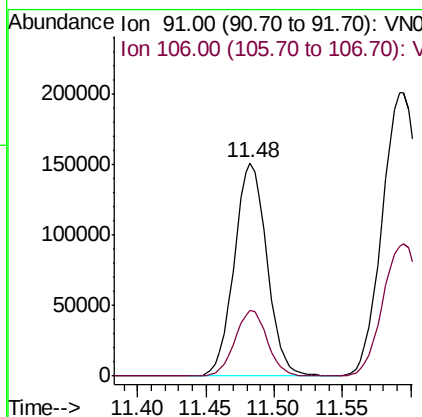
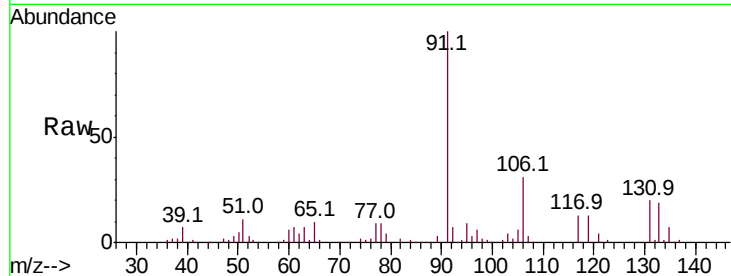




#67
Ethyl Benzene
Concen: 18.697 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

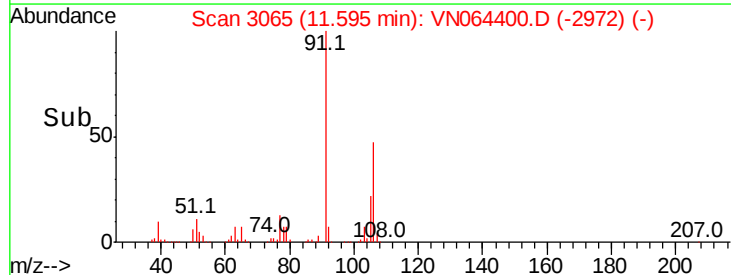
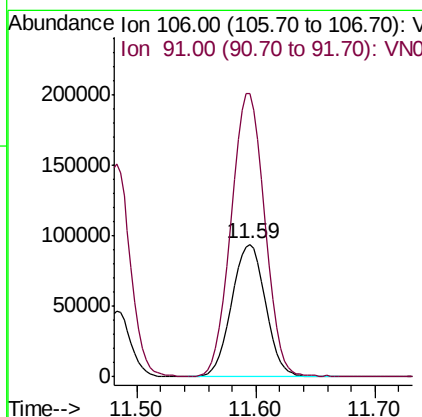
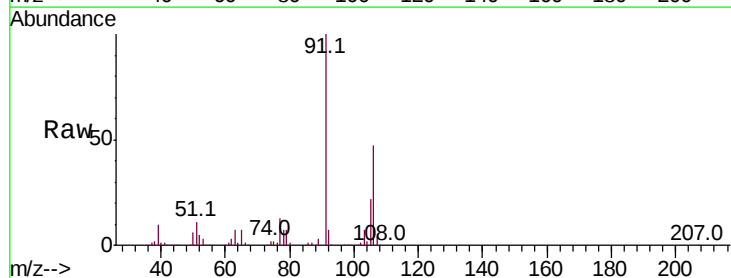
Instrument :
MSVOA_N
ClientSampled :
VN1030MBS01

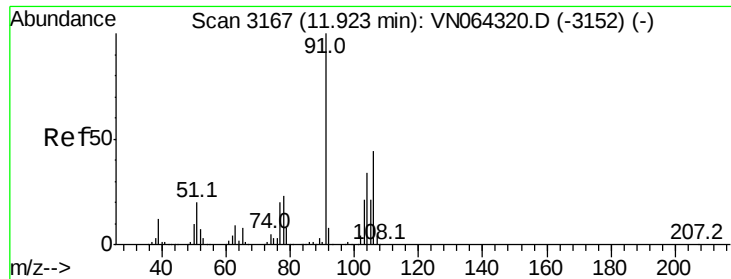
Tot Ion: 91 Resp: 252163
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5



#68
m/p-Xylenes
Concen: 37.216 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 106 Resp: 186004
Ion Ratio Lower Upper
106 100
91 210.5 170.2 255.4

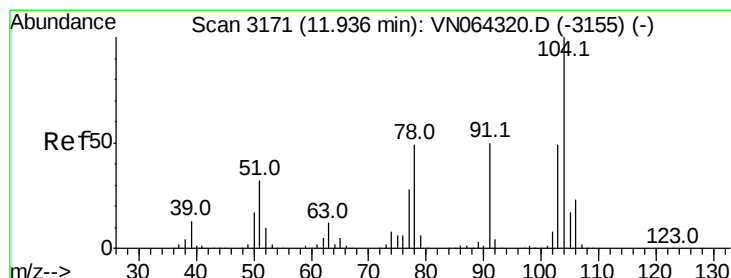
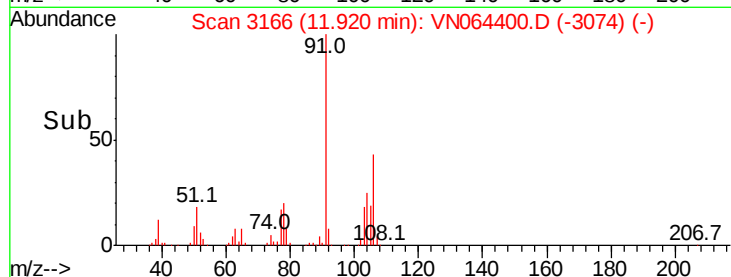
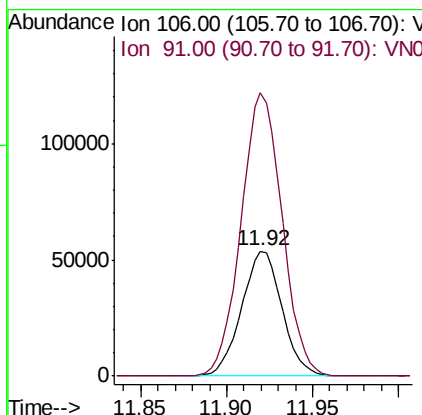
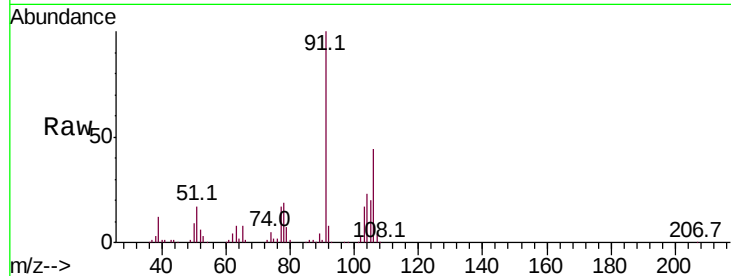




#69
o-Xylene
Concen: 18.189 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

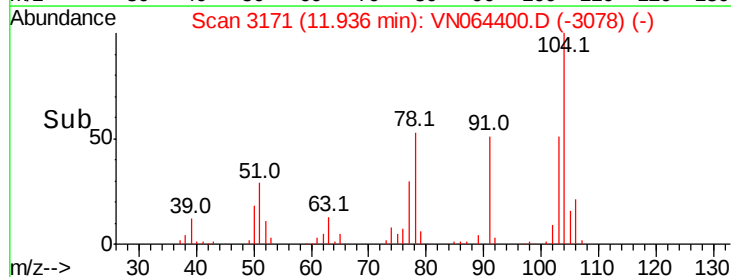
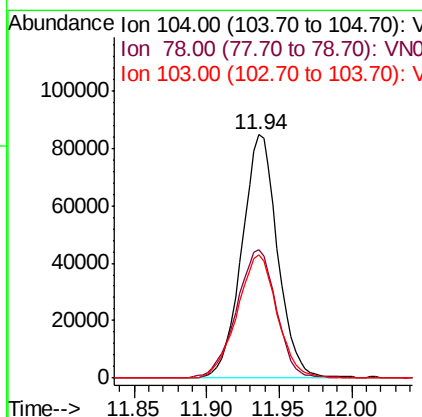
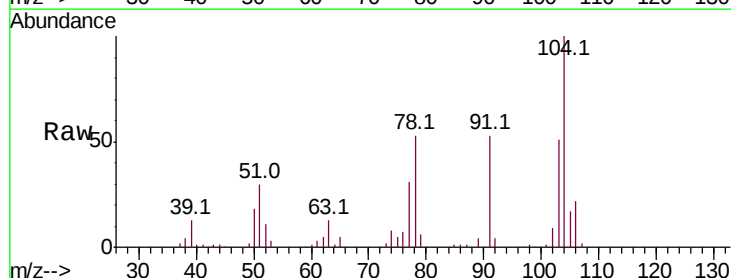
Instrument :
MSVOA_N
ClientSampled :
VN1030MBS01

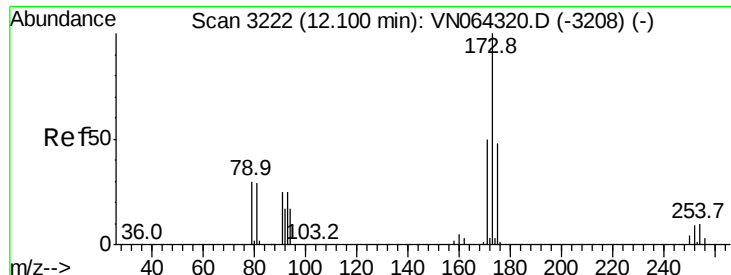
Tot Ion:106 Resp: 87583
Ion Ratio Lower Upper
106 100
91 230.4 114.5 343.5



#70
Styrene
Concen: 18.382 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion:104 Resp: 145123
Ion Ratio Lower Upper
104 100
78 59.1 43.7 65.5
103 56.3 43.3 64.9





#71

Bromoform

Concen: 17.833 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBS01

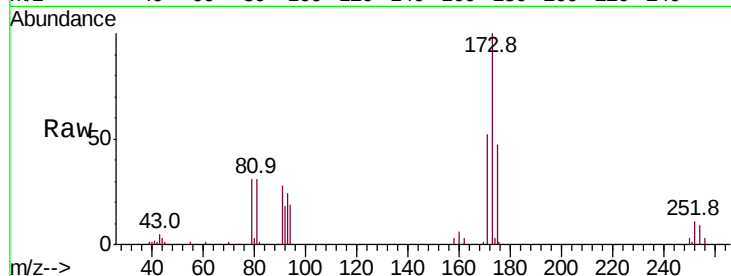
Tot Ion:173 Resp: 41038

Ion Ratio Lower Upper

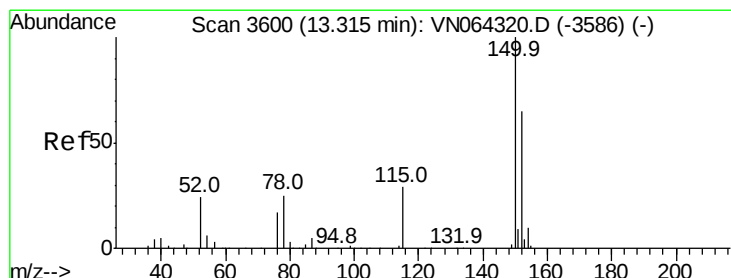
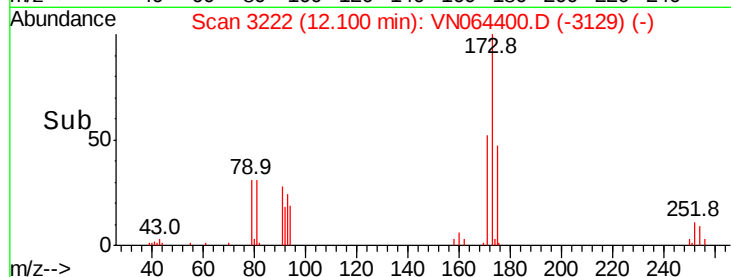
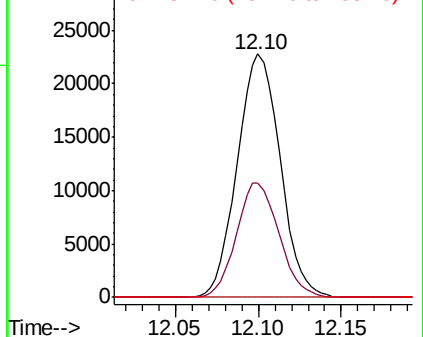
173 100

175 46.4 25.4 76.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

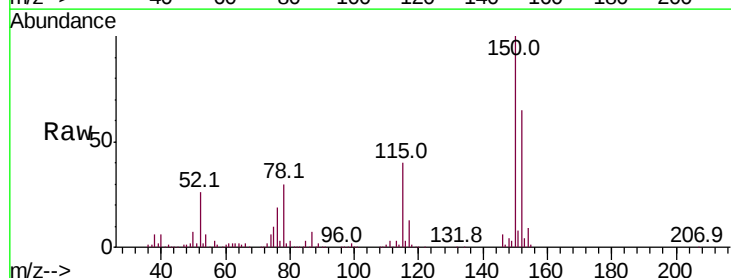
Tgt Ion:152 Resp: 166258

Ion Ratio Lower Upper

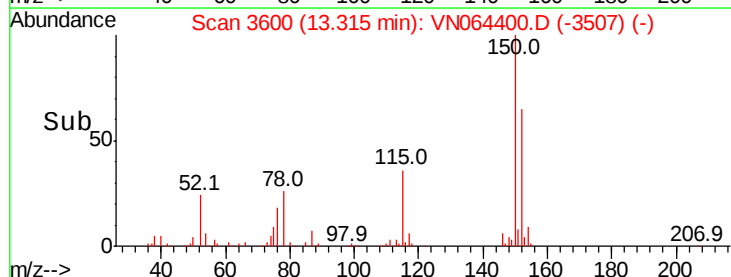
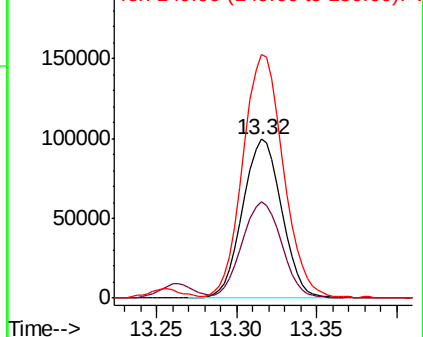
152 100

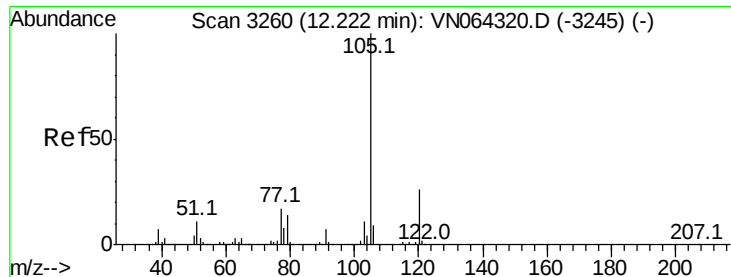
115 61.3 31.5 94.5

150 158.6 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.710 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

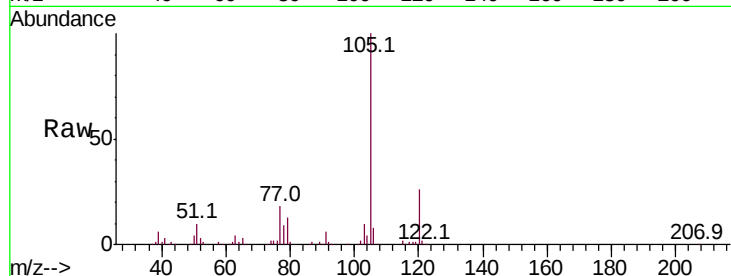
VN1030MBS01

Tot Ion:105 Resp: 232983

Ion Ratio Lower Upper

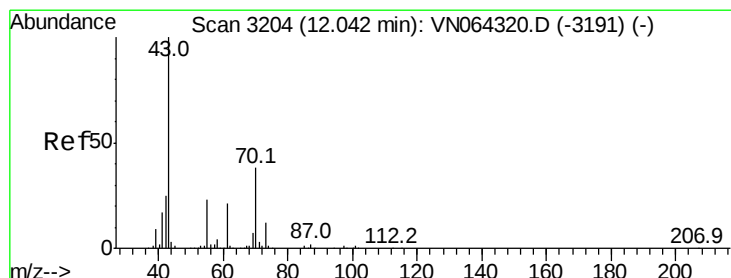
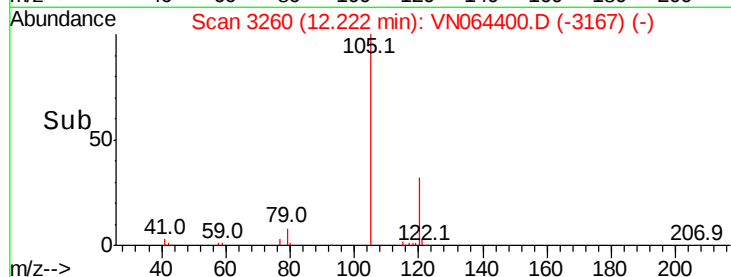
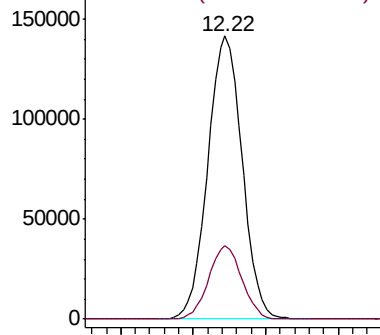
105 100

120 25.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.098 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Tgt Ion: 43 Resp: 104674

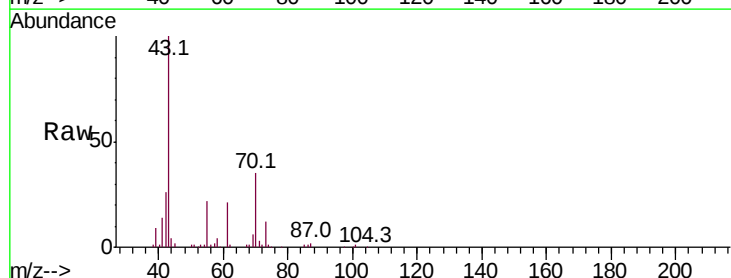
Ion Ratio Lower Upper

43 100

70 36.8 30.6 45.8

55 21.9 18.2 27.4

61 20.8 17.6 26.4

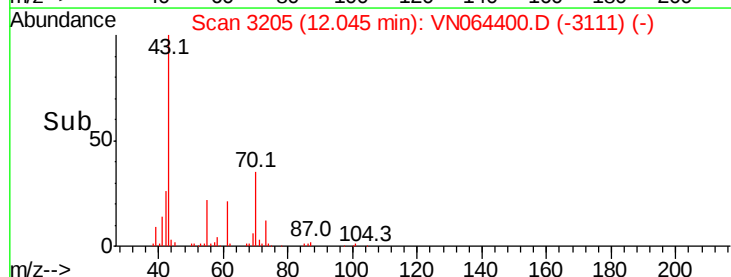
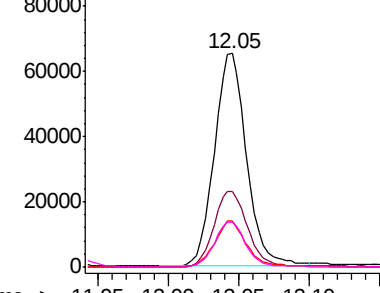


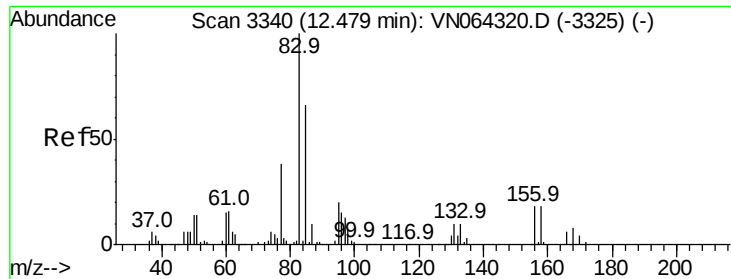
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.210 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampled :

VN1030MBS01

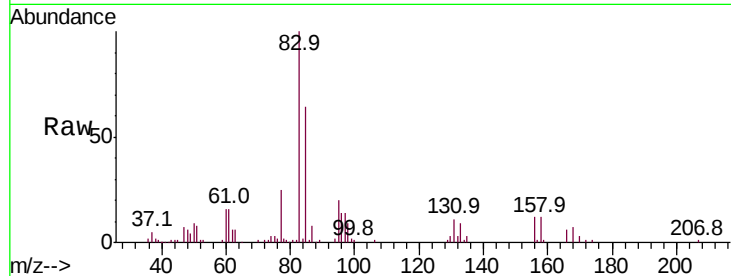
Tot Ion: 83 Resp: 69530

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

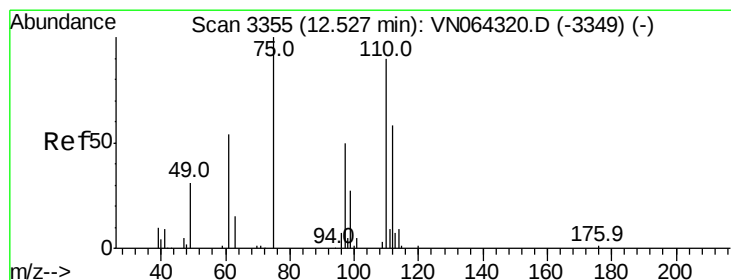
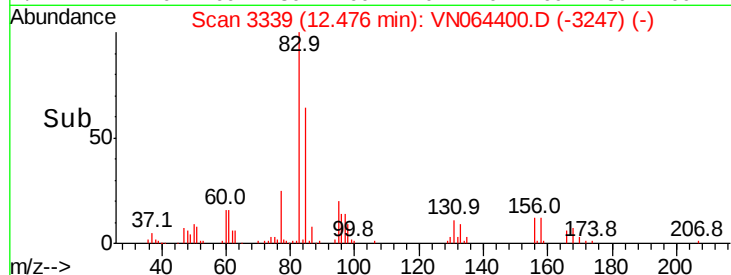
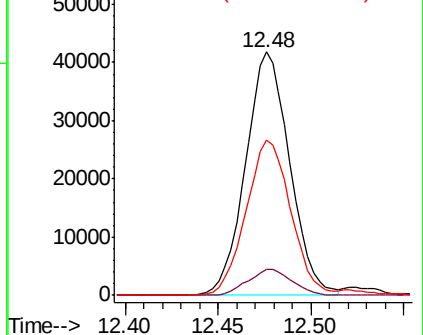
85 64.5 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.268 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064400.D

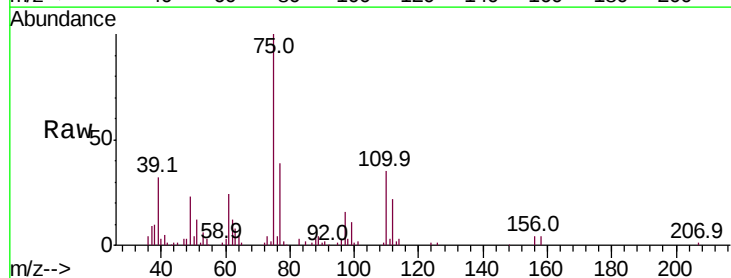
Acq: 30 Oct 2020 15:18

Tgt Ion: 75 Resp: 100602

Ion Ratio Lower Upper

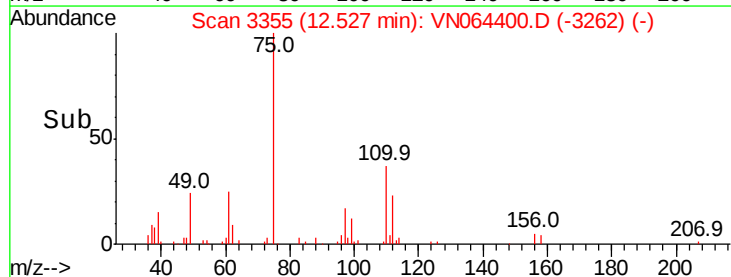
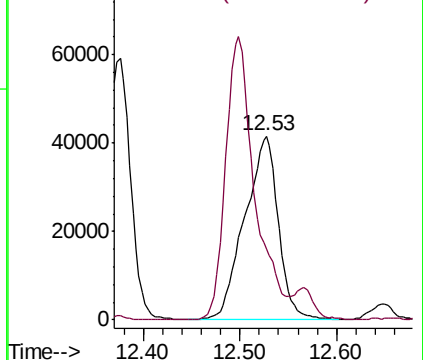
75 100

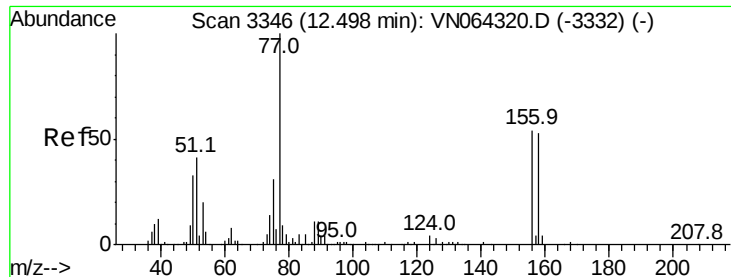
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.840 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampled :

VN1030MBS01

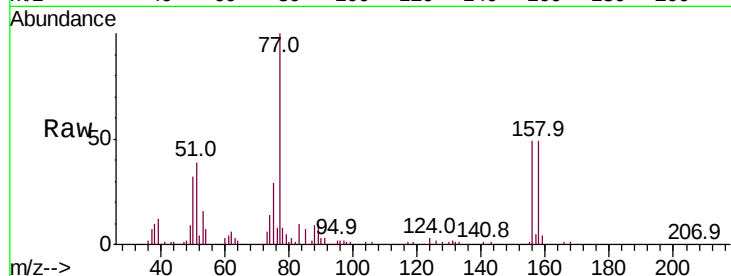
Tot Ion:156 Resp: 57446

Ion Ratio Lower Upper

156 100

77 233.2 111.9 335.7

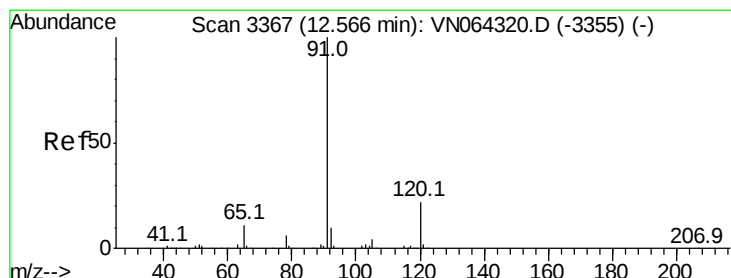
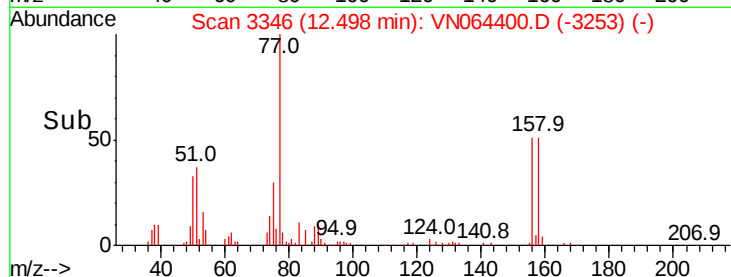
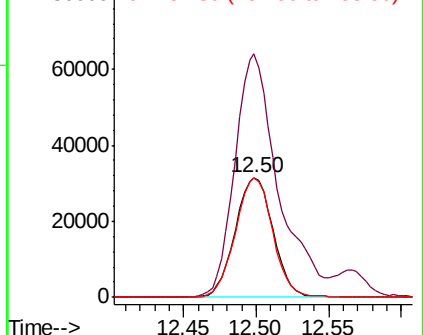
158 97.8 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.934 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064400.D

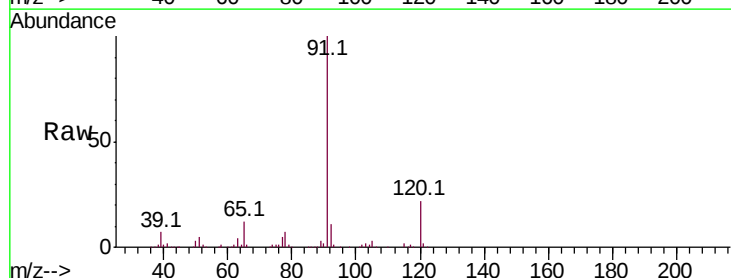
Acq: 30 Oct 2020 15:18

Tgt Ion: 91 Resp: 252822

Ion Ratio Lower Upper

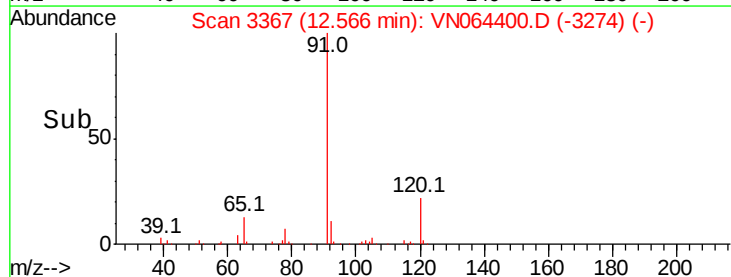
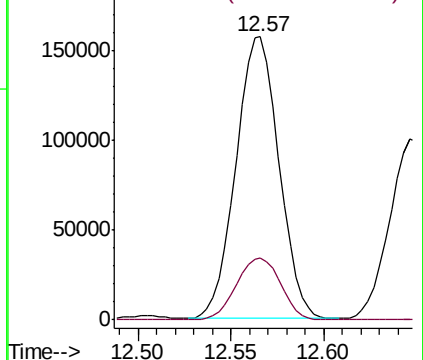
91 100

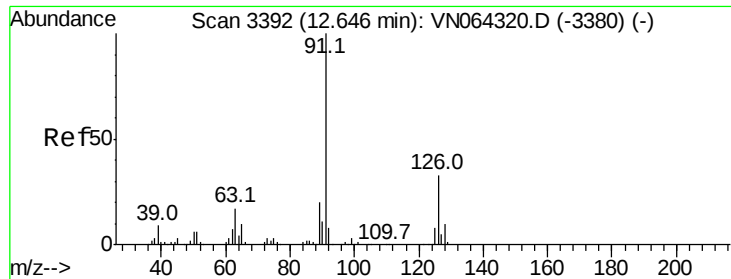
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.441 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

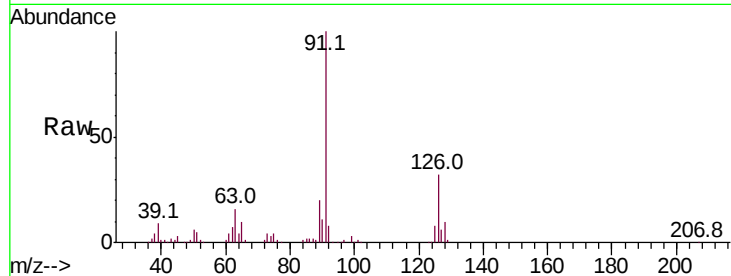
VN1030MBS01

Tot Ion: 91 Resp: 166190

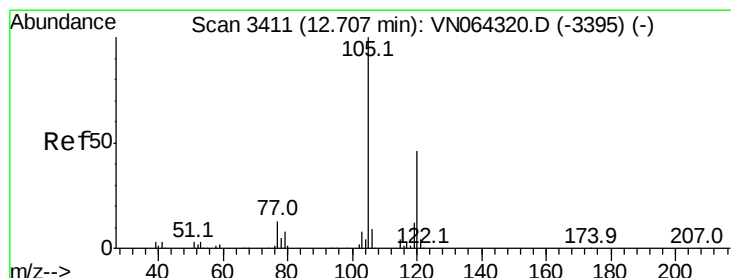
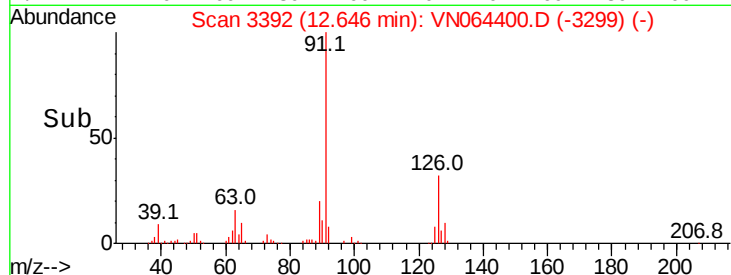
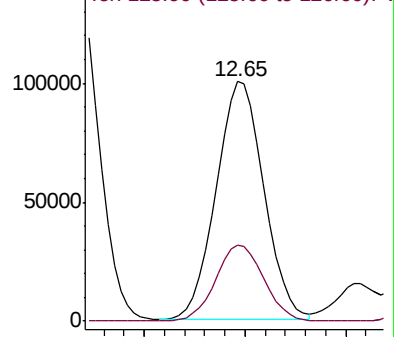
Ion Ratio Lower Upper

91 100

126 32.3 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.269 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064400.D

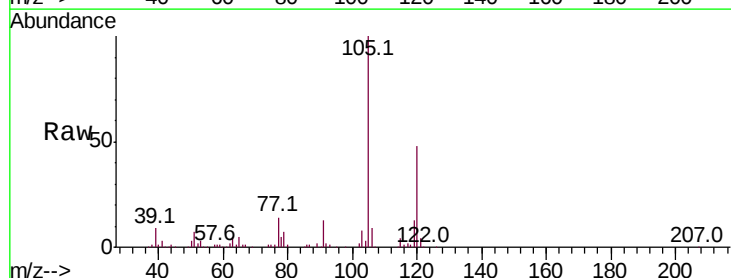
Acq: 30 Oct 2020 15:18

Tgt Ion: 105 Resp: 192492

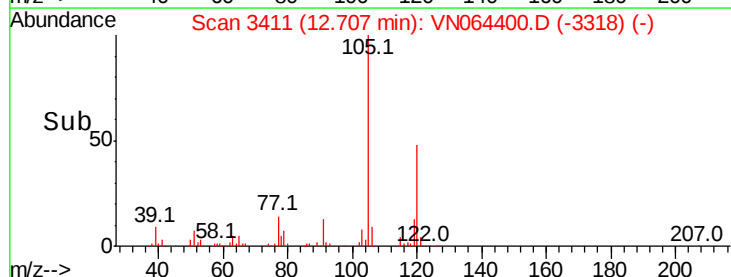
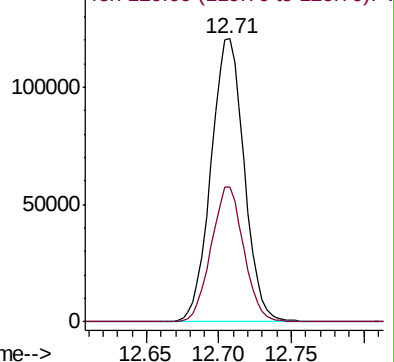
Ion Ratio Lower Upper

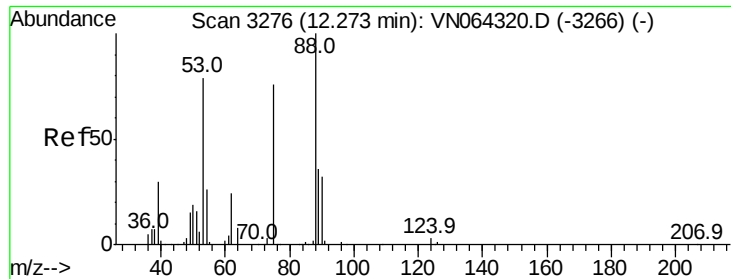
105 100

120 46.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064320.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.215 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

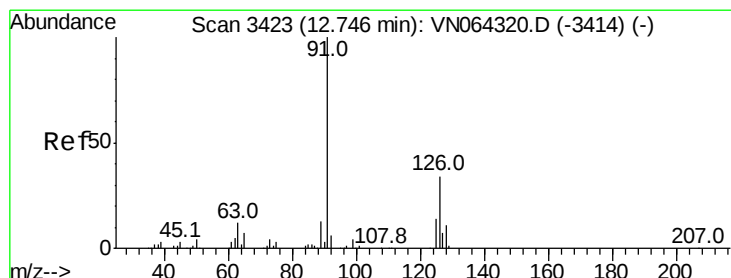
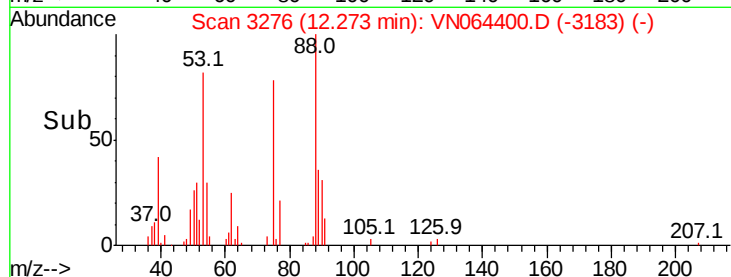
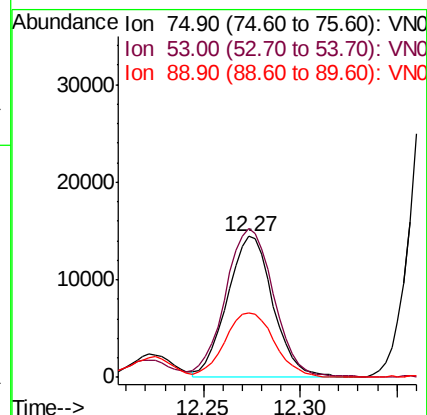
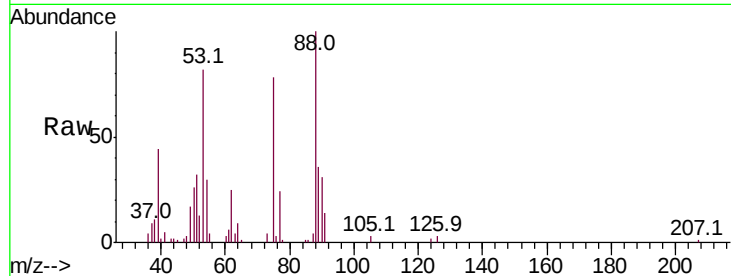
MSVOA_N

ClientSampleId :

VN1030MBS01

Tot Ion: 75 Resp: 23795

Ion	Ratio	Lower	Upper
75	100		
53	112.0	81.8	122.8
89	49.7	39.9	59.9



#82

4-Chlorotoluene

Concen: 18.869 ug/l

RT: 12.75 min Scan# 3423

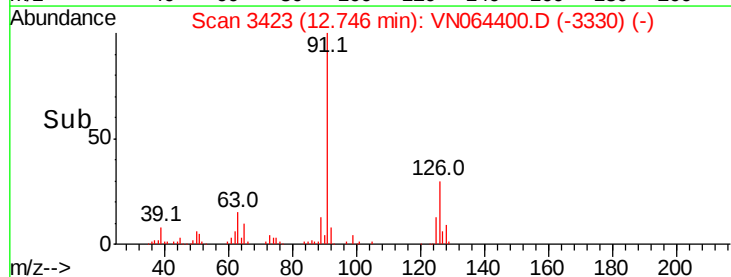
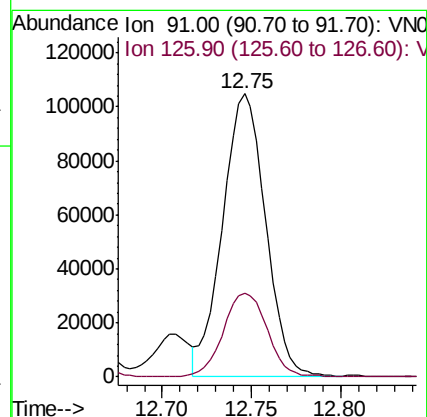
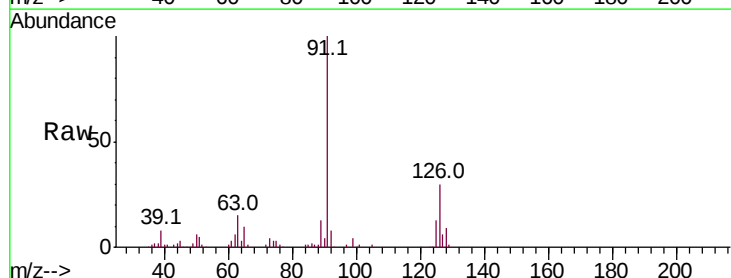
Delta R.T. 0.00 min

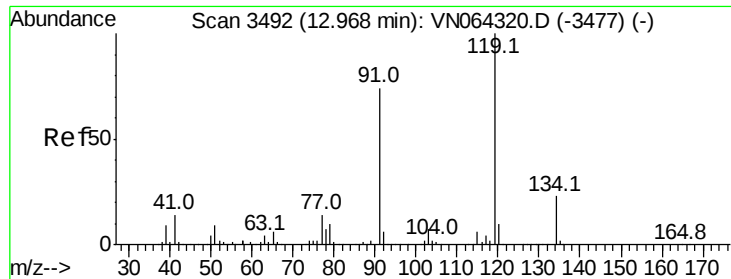
Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Tgt Ion: 91 Resp: 173225

Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.8	47.3

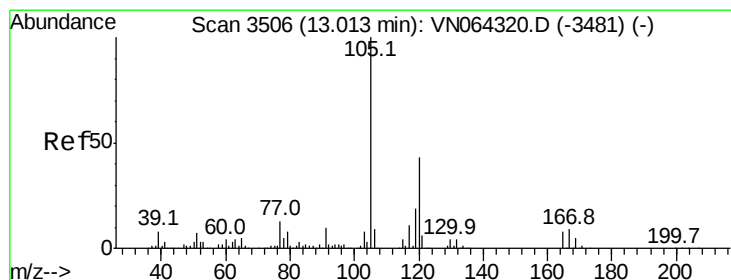
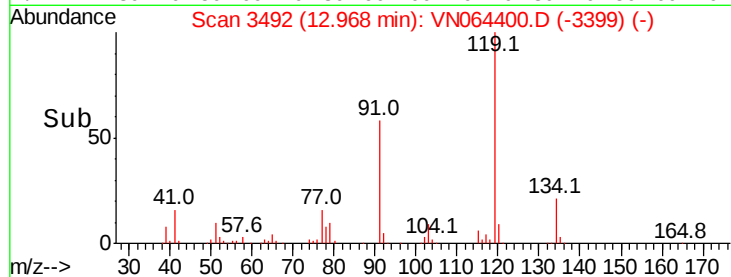
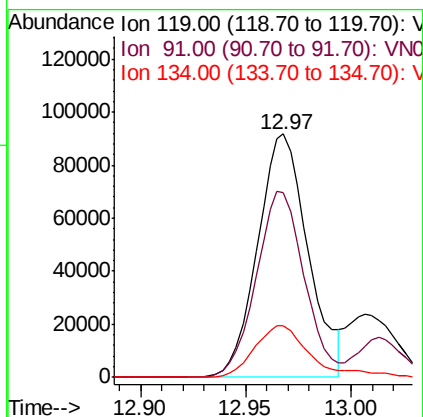
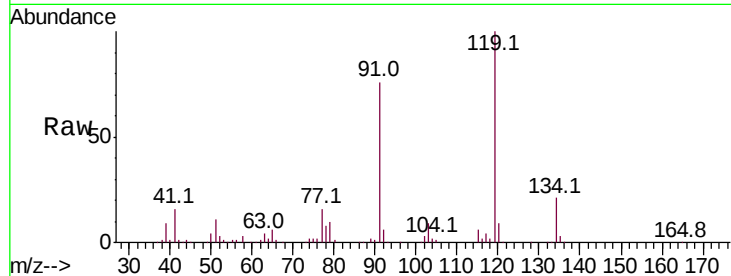




#83
tert-Butylbenzene
Concen: 17.613 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

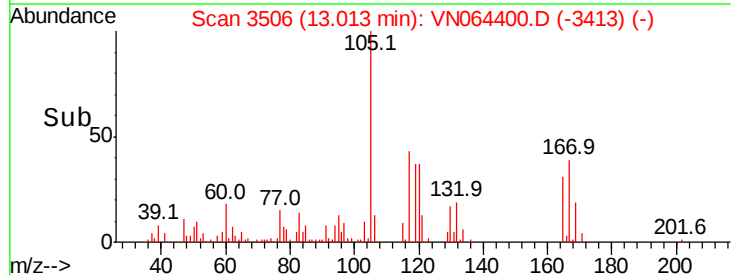
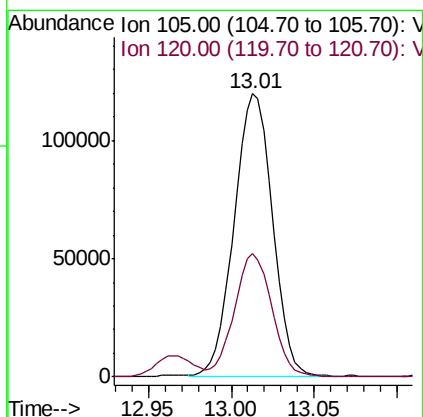
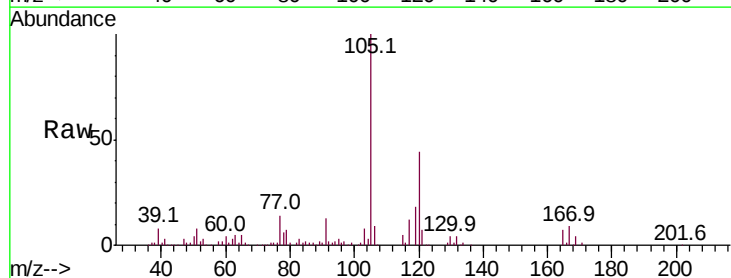
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

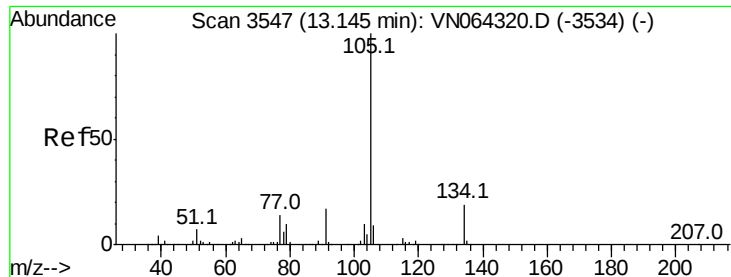
Tot Ion:119 Resp: 152286
Ion Ratio Lower Upper
119 100
91 72.9 36.4 109.1
134 23.8 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 18.293 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion:105 Resp: 192588
Ion Ratio Lower Upper
105 100
120 42.8 21.3 64.0

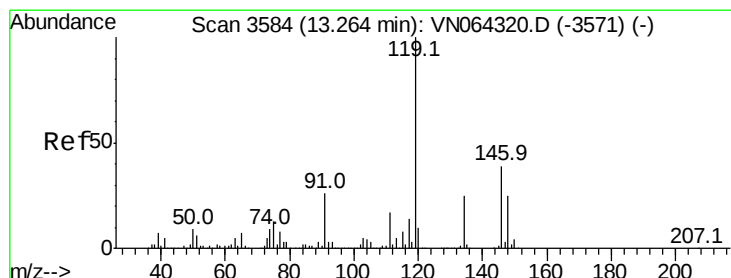
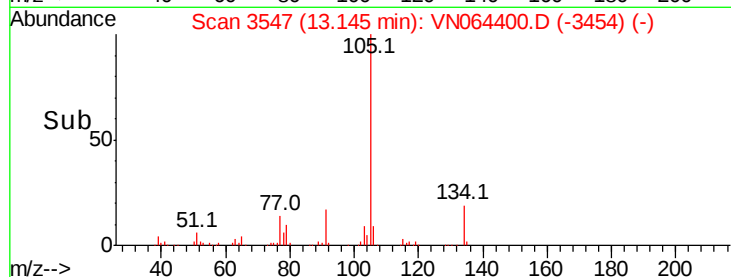
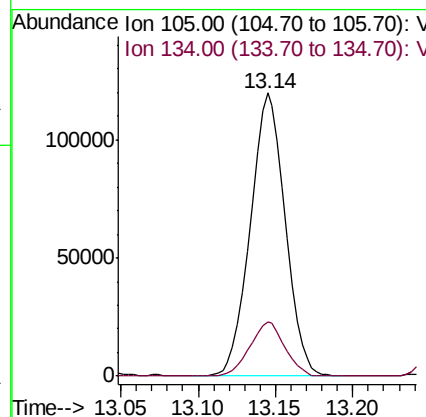
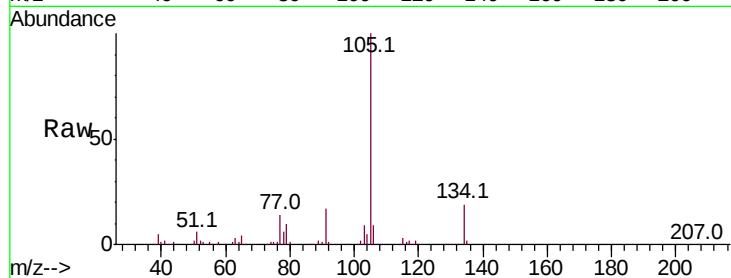




#85
 sec-Butylbenzene
 Concen: 16.808 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

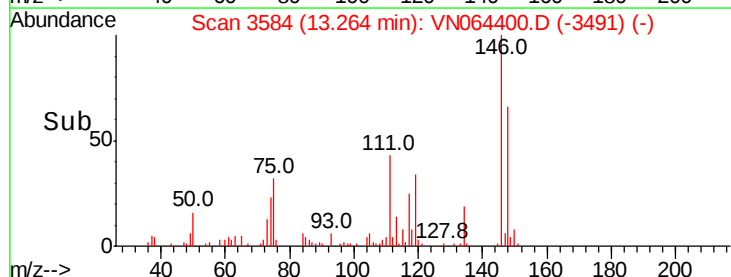
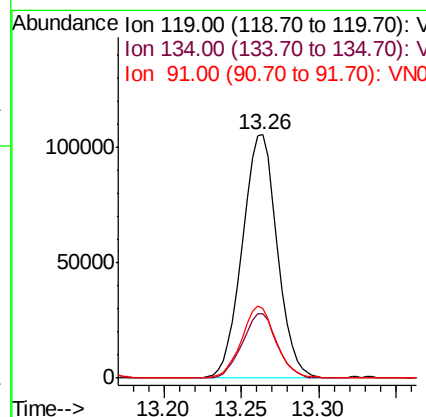
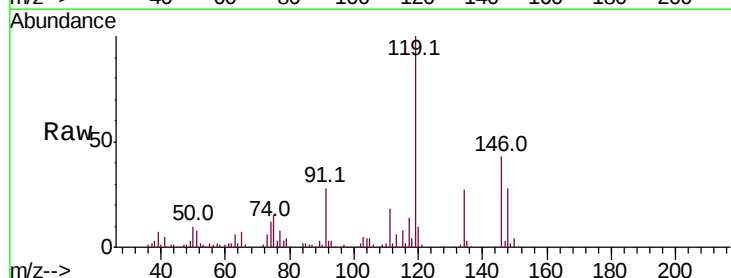
Instrument :
 MSVOA_N
 ClientSampled :
 VN1030MBS01

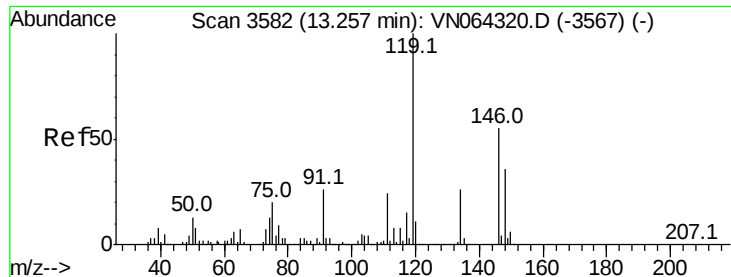
Tot Ion:105 Resp: 188054
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 16.457 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion:119 Resp: 165881
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.4
 91 29.0 13.0 38.9

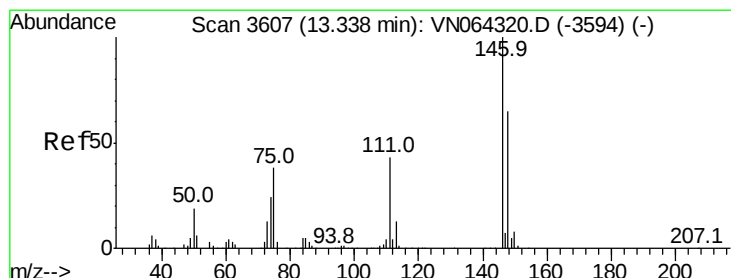
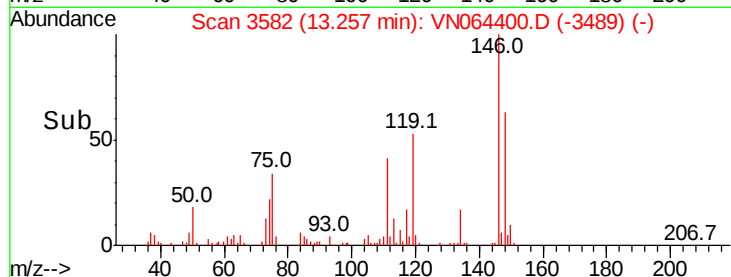
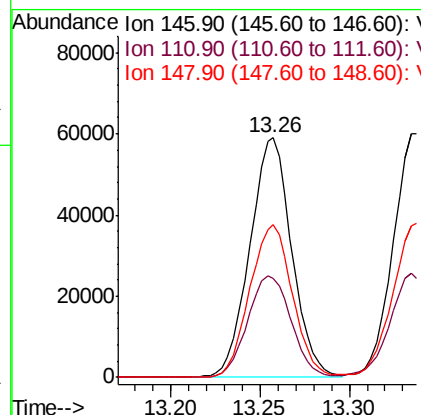
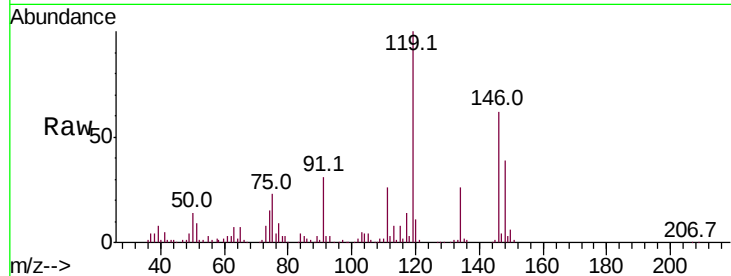




#87
 1,3-Dichlorobenzene
 Concen: 18.076 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

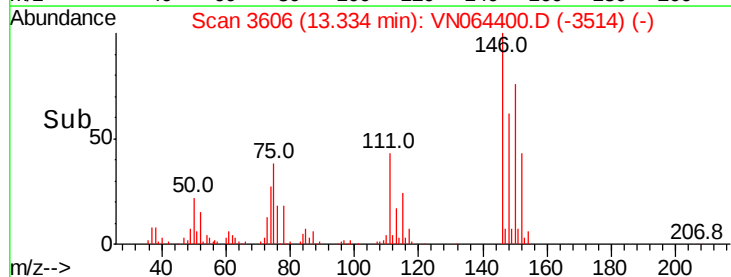
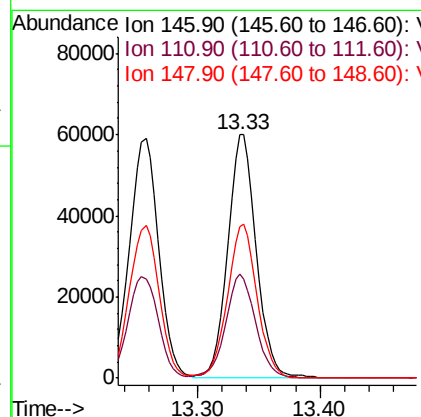
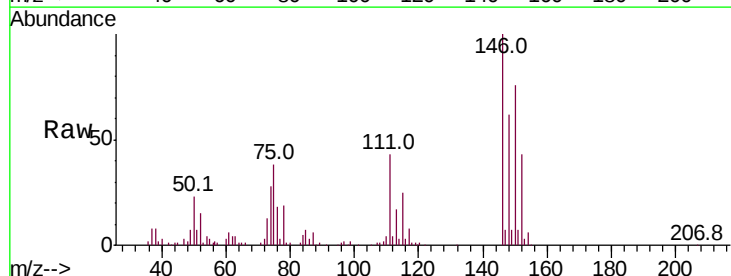
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

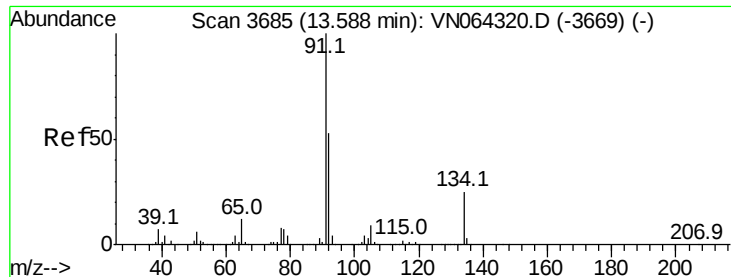
Tot Ion:146 Resp: 96490
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.9 65.5
 148 65.4 32.6 98.0



#88
 1,4-Dichlorobenzene
 Concen: 18.170 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion:146 Resp: 98787
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.8 65.4
 148 65.0 31.8 95.3

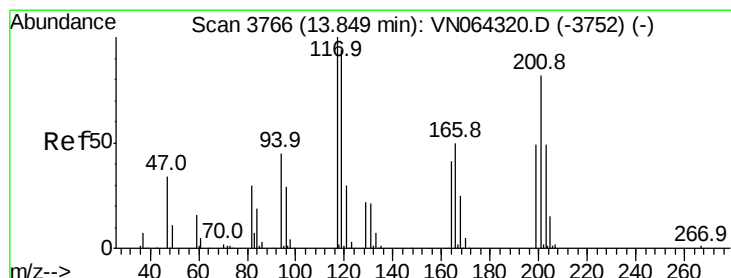
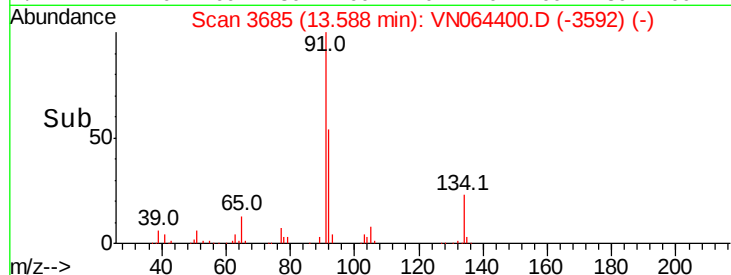
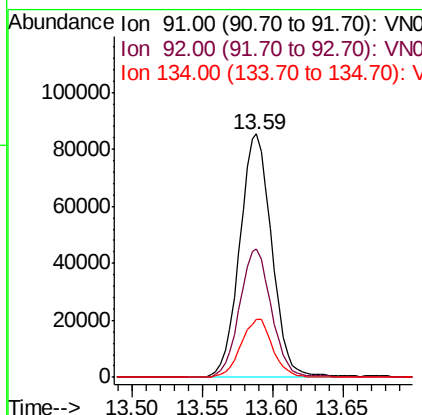
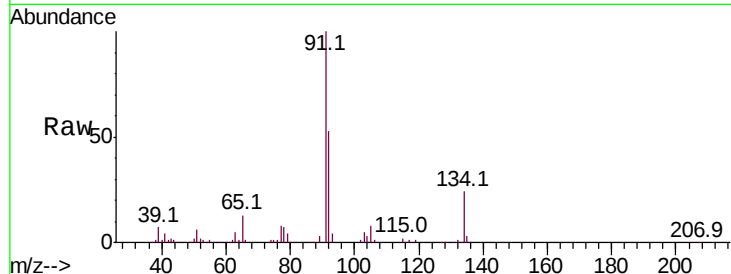




#89
n-Butylbenzene
Concen: 15.350 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

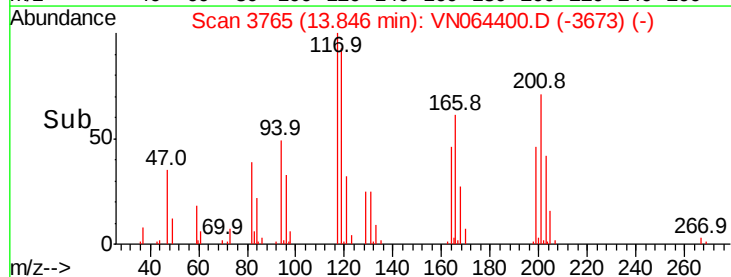
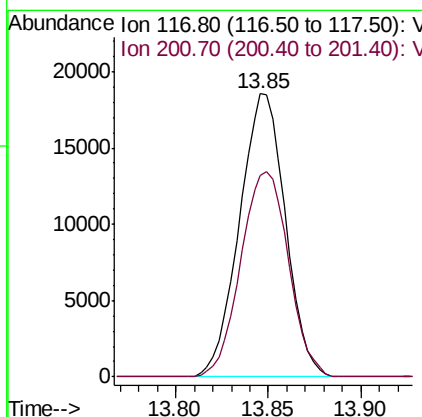
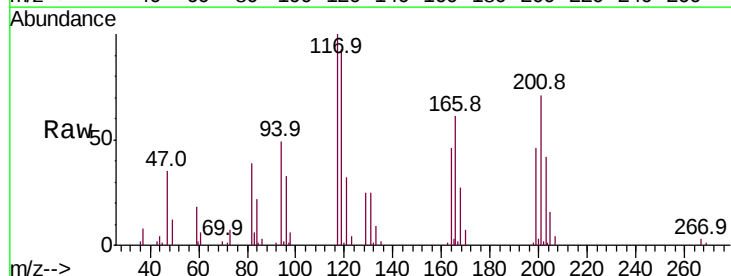
Instrument :
MSVOA_N
ClientSampled :
VN1030MBS01

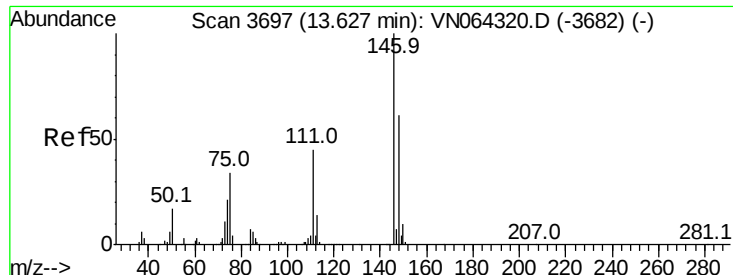
Tot Ion: 91 Resp: 136306
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 23.4 12.4 37.4



#90
Hexachloroethane
Concen: 16.907 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion: 117 Resp: 32005
Ion Ratio Lower Upper
117 100
201 75.3 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 18.493 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBS01

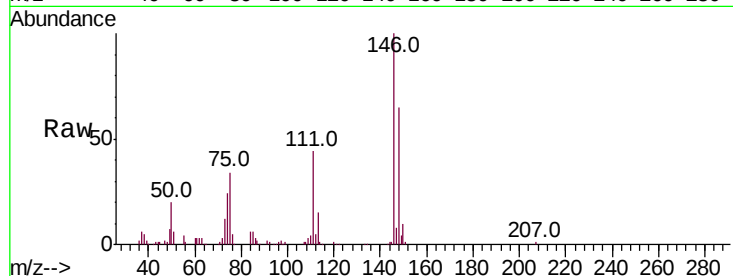
Tot Ion:146 Resp: 98141

Ion Ratio Lower Upper

146 100

111 45.9 23.0 69.0

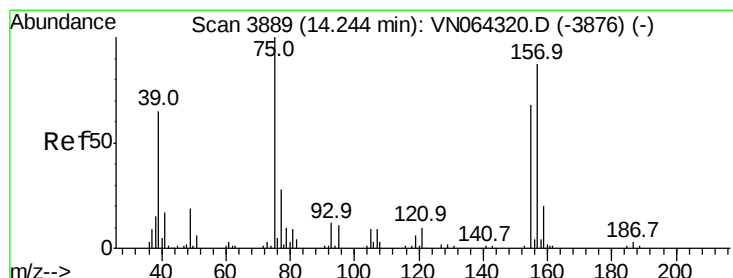
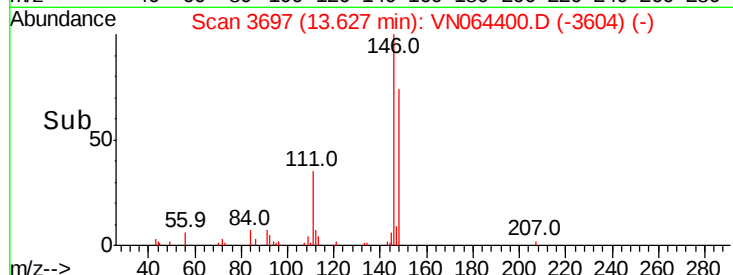
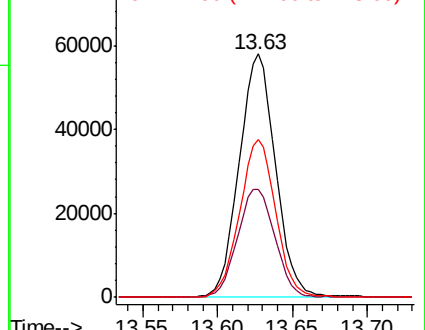
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.655 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064400.D

Acq: 30 Oct 2020 15:18

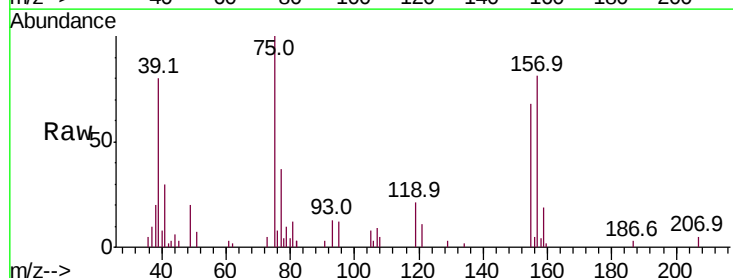
Tgt Ion: 75 Resp: 15856

Ion Ratio Lower Upper

75 100

155 66.3 35.1 105.5

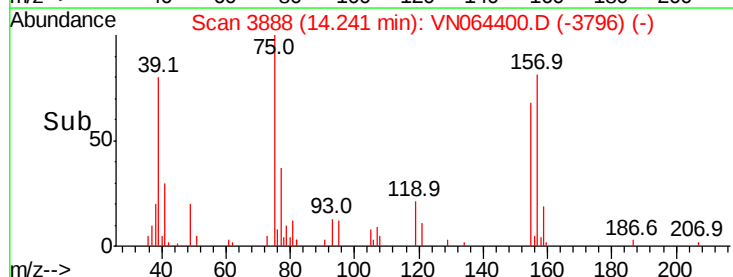
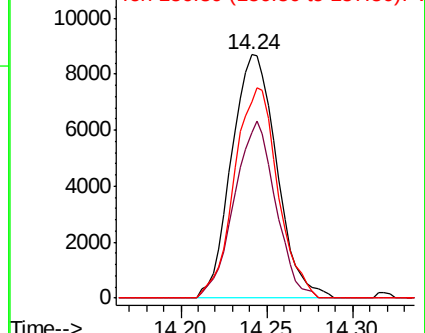
157 83.0 43.2 129.6

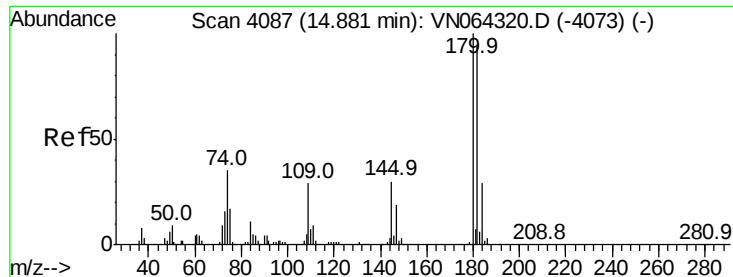


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

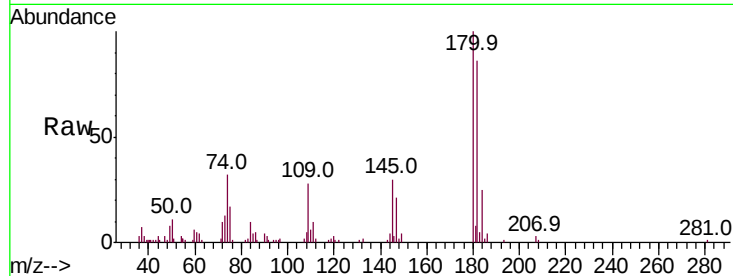




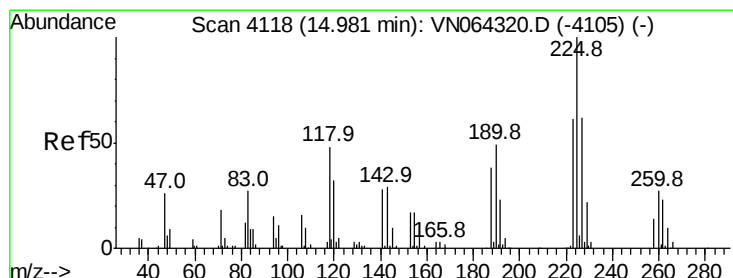
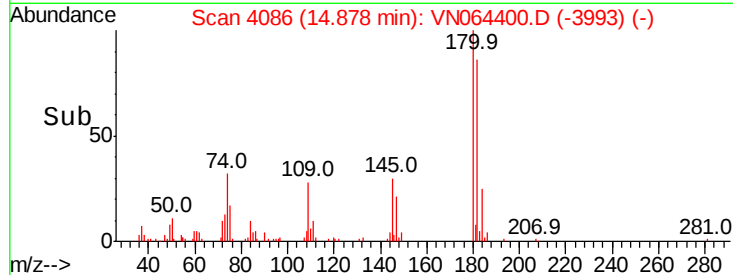
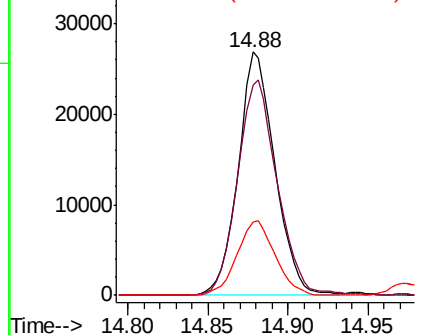
#93
 1,2,4-Trichlorobenzene
 Concen: 15.156 ug/l
 RT: 14.88 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

Tot Ion:180 Resp: 41757
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.6 139.7
 145 31.9 15.3 45.9

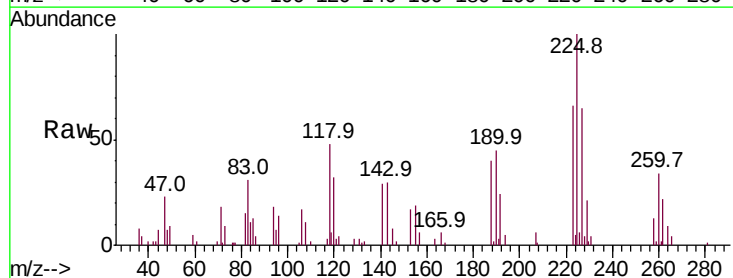


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

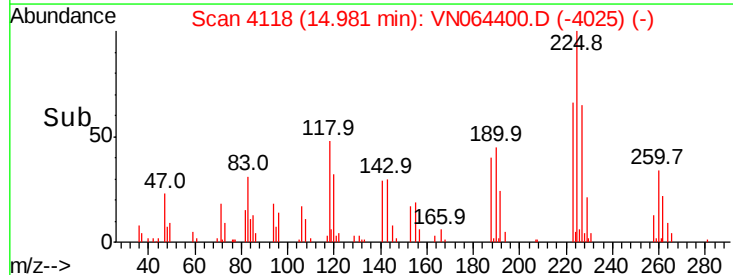
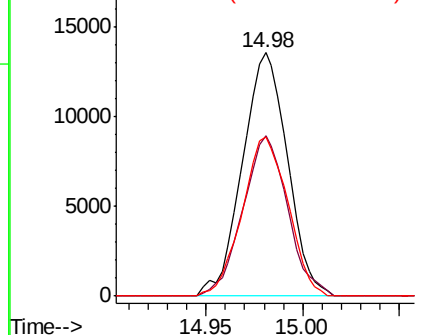


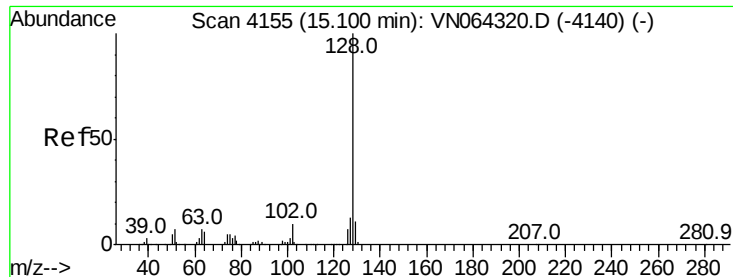
#94
 Hexachlorobutadiene
 Concen: 13.488 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064400.D
 Acq: 30 Oct 2020 15:18

Tgt Ion:225 Resp: 21966
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.3 93.8
 227 66.4 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

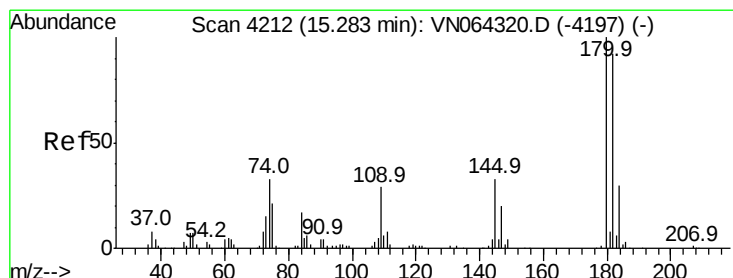
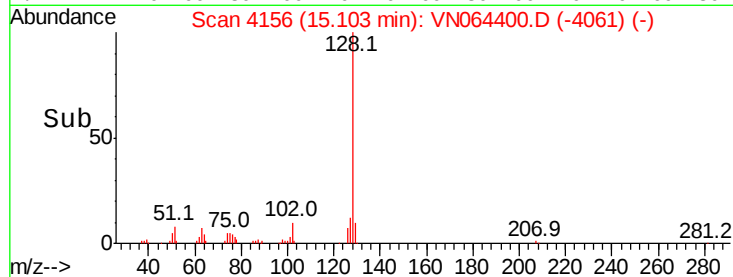
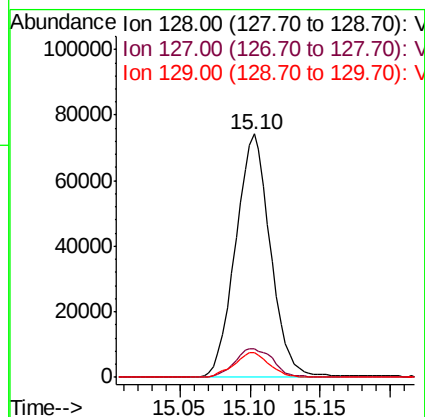
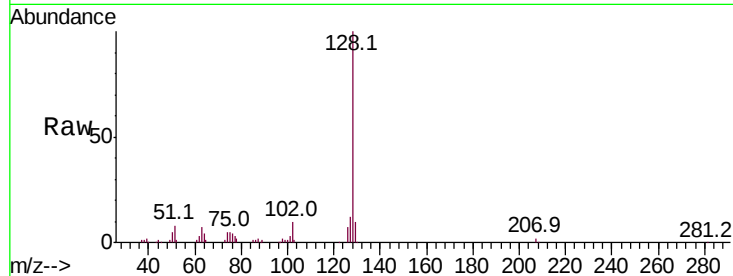




#95
Naphthalene
Concen: 15.393 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN1030MBS01

Tot Ion:128 Resp: 128326
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 15.598 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064400.D
Acq: 30 Oct 2020 15:18

Tgt Ion:180 Resp: 41244
Ion Ratio Lower Upper
180 100
182 97.9 46.1 138.3
145 34.2 16.2 48.5

