

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063731.D
 Acq On : 29 Sep 2020 17:04
 Operator : JC/MD
 Sample : L4178-05DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5DL

Quant Time: Sep 30 00:52:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	225178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203900	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	179183	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
35) Dibromofluoromethane	7.55	113	128142	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	
50) Toluene-d8	10.06	98	514523	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	219414	56.16	ug/l	0.00
Spiked Amount			Recovery	=	112.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	145	0.273	ug/l #	72
13) Acrolein	3.67	56	60	0.305	ug/l #	13
14) Allyl chloride	4.48	41	19985	3.976	ug/l #	22
15) Acrylonitrile	4.99	53	4258	3.152	ug/l #	47
16) Acetone	3.74	43	6188	5.023	ug/l #	58
18) Methyl Acetate	4.49	43	50472	16.139	ug/l #	54
20) Methylene Chloride	4.50	84	739	0.237	ug/l #	26
25) 2-Butanone	6.78	43	2819	1.488	ug/l #	51
29) Tetrahydrofuran	7.18	42	279	0.216	ug/l #	45
31) Cyclohexane	7.61	56	137561	25.985	ug/l	98
36) 1,1-Dichloropropene	7.62	75	21412	4.909	ug/l #	54
37) Ethyl Acetate	6.78	43	2819	0.659	ug/l #	87
38) Carbon Tetrachloride	7.63	117	24170	5.429	ug/l #	17
39) Methylcyclohexane	9.05	83	145408	30.717	ug/l	99
40) Benzene	8.00	78	7720	0.620	ug/l	97
41) Methacrylonitrile	7.15	41	1047	0.544	ug/l #	100
43) Isopropyl Acetate	8.11	43	13111	1.713	ug/l #	64
45) 1,2-Dichloropropane	9.05	63	1947	0.574	ug/l #	1
47) Bromodichloromethane	9.34	83	2082	0.450	ug/l #	25
48) Methyl methacrylate	9.11	41	9414	2.503	ug/l #	34
51) 4-Methyl-2-Pentanone	9.98	43	2281	0.532	ug/l #	80
52) Toluene	10.12	92	4422	0.591	ug/l	91
55) 1,1,2-Trichloroethane	10.50	97	11285	3.795	ug/l #	21
56) Ethyl methacrylate	10.41	69	3997	0.861	ug/l #	1
59) 2-Hexanone	10.69	43	5215	1.680	ug/l #	28
67) Ethyl Benzene	11.49	91	574507	35.567	ug/l	98
68) m/p-Xylenes	11.49	106	175247	30.091	ug/l #	28
69) o-Xylene	11.92	106	3082	0.556	ug/l	81
73) Isopropylbenzene	12.23	105	295091	18.060	ug/l	99
74) N-amyl acetate	12.02	43	1809	0.234	ug/l #	80
76) 1,2,3-Trichloropropane	12.57	75	7565	1.499	ug/l #	100
78) n-propylbenzene	12.57	91	1047161	55.025	ug/l	100
79) 2-Chlorotoluene	12.57	91	1047161	91.792	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.86	105	114430	8.399	ug/l	76

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QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

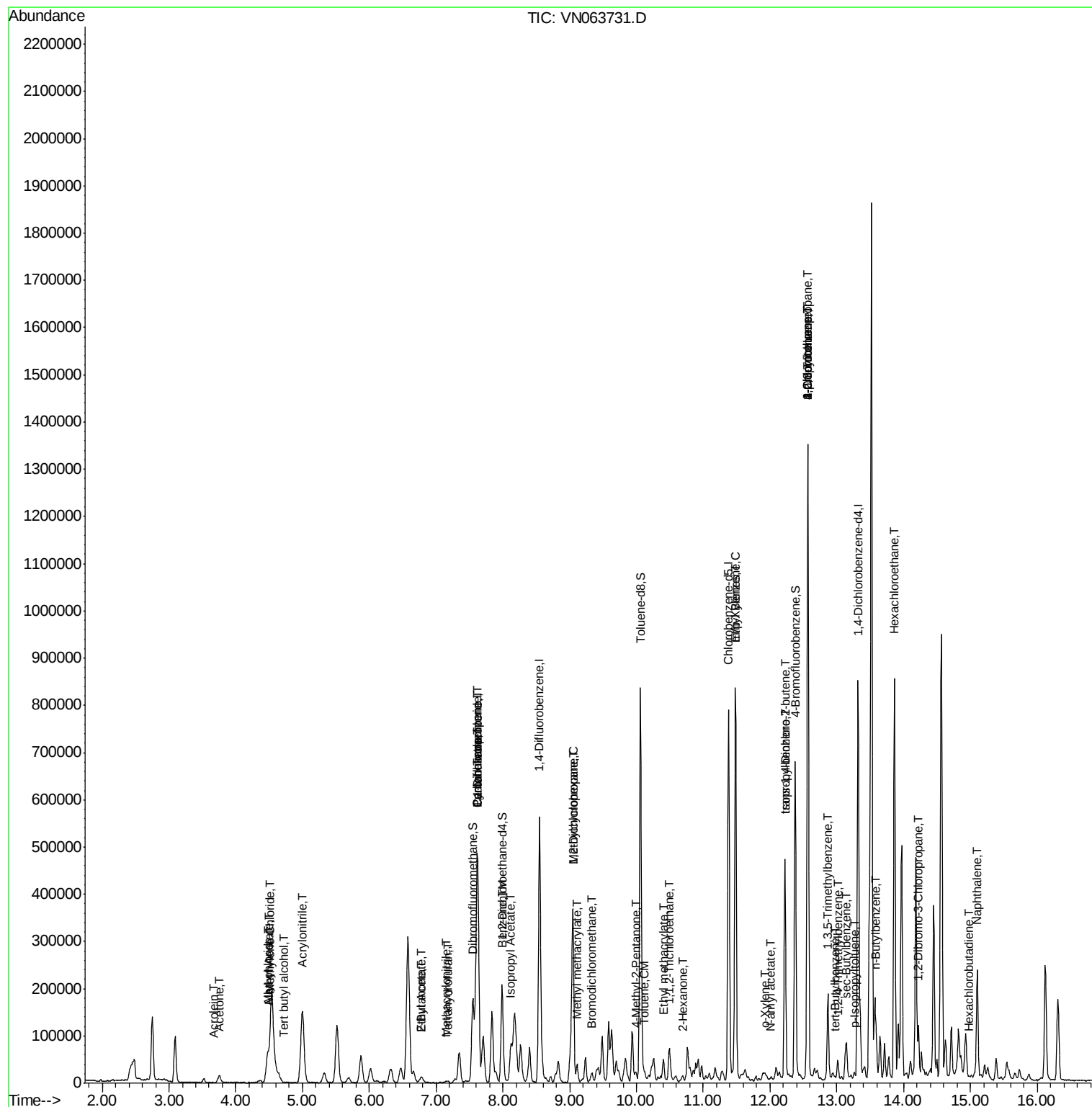
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.23	75	4030	2.189	ug/l #	72
82) 4-Chlorotoluene	12.57	91	1047161	86.876	ug/l #	44
83) tert-Butylbenzene	12.97	119	2647	0.235	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	22202	1.613	ug/l	97
85) sec-Butylbenzene	13.15	105	44506	2.957	ug/l #	71
86) p-Isopropyltoluene	13.27	119	5204	0.392	ug/l #	49
89) n-Butylbenzene	13.59	91	62108	5.075	ug/l #	77
90) Hexachloroethane	13.86	117	44751	17.702	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.23	75	609	0.506	ug/l #	10
94) Hexachlorobutadiene	14.98	225	335	0.205	ug/l #	46
95) Naphthalene	15.10	128	184511	14.164	ug/l	99

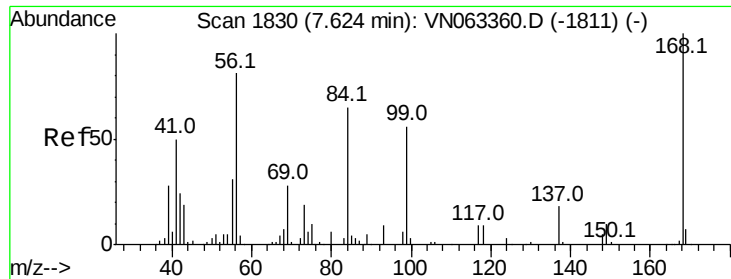
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092920\
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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: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

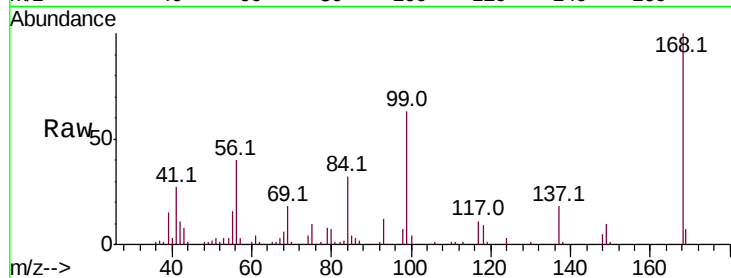
TP-5DL

Tot Ion:168 Resp: 225178

Ion Ratio Lower Upper

168 100

99 63.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

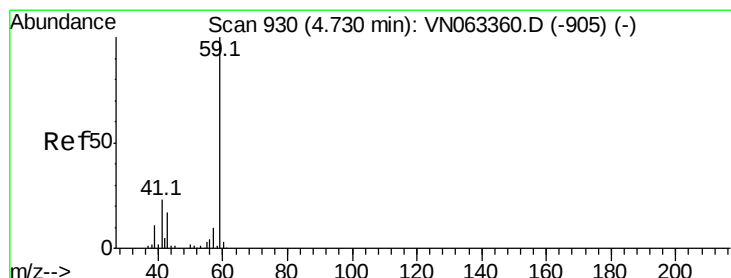
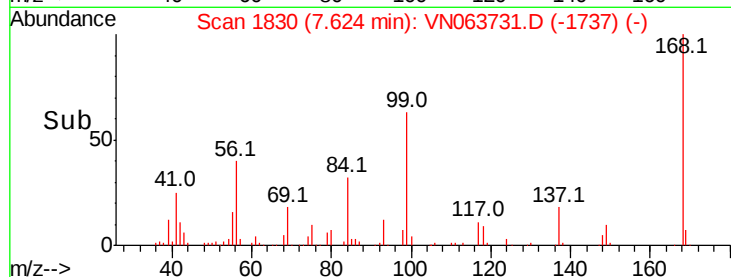
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.273 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN063731.D

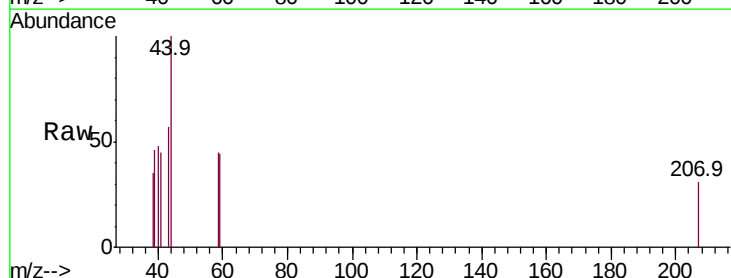
Acq: 29 Sep 2020 17:04

Tgt Ion: 59 Resp: 145

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

500

400

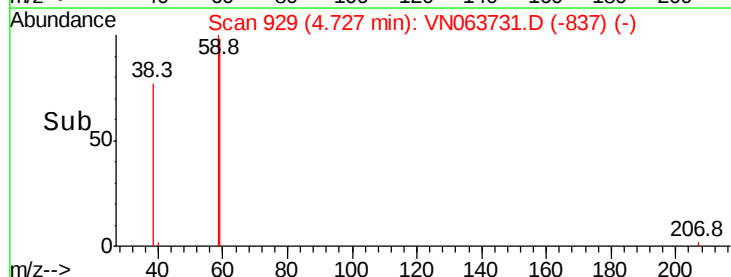
300

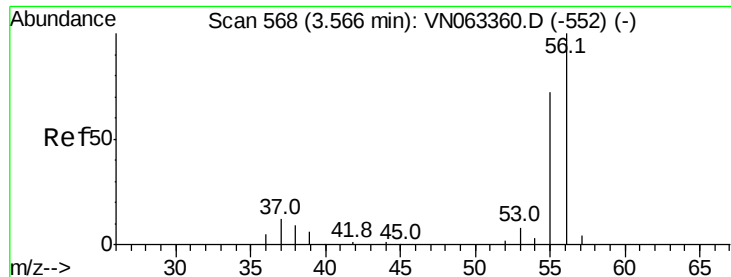
200

100

0

Time--> 4.72 4.72 4.73 4.74





#13

Acrolein

Concen: 0.305 ug/l

RT: 3.67 min Scan# 601

Delta R.T. 0.11 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

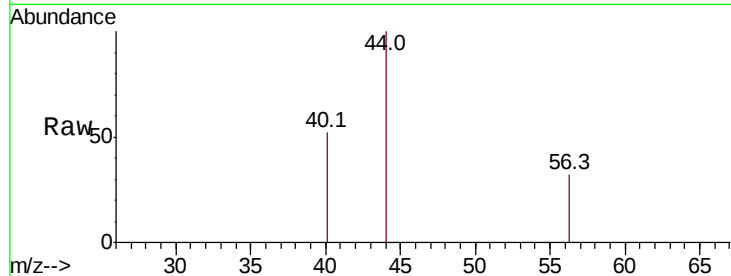
TP-5DL

Tot Ion: 56 Resp: 60

Ion Ratio Lower Upper

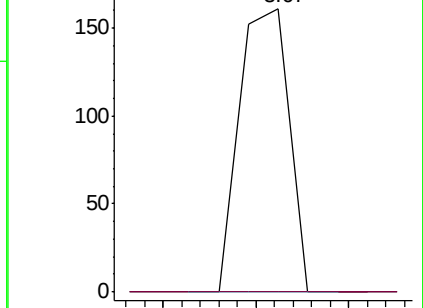
56 100

55 0.0 58.2 87.2#

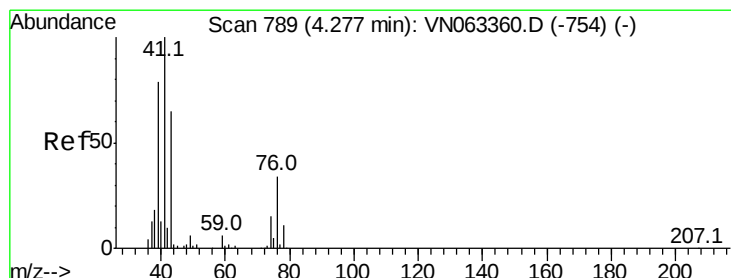
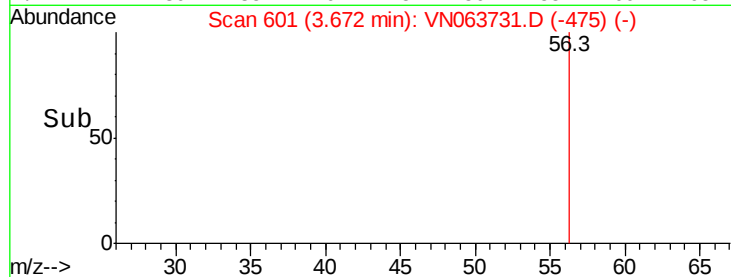


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#14

Allyl chloride

Concen: 3.976 ug/l

RT: 4.48 min Scan# 852

Delta R.T. 0.20 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

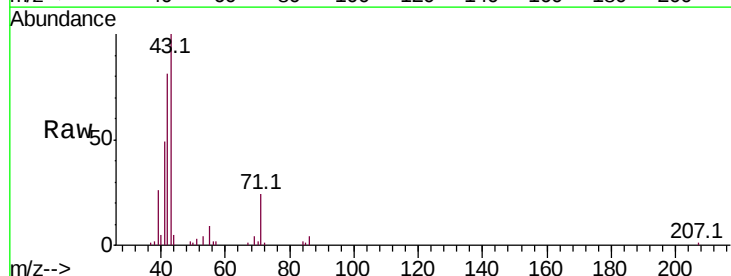
Tgt Ion: 41 Resp: 19985

Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

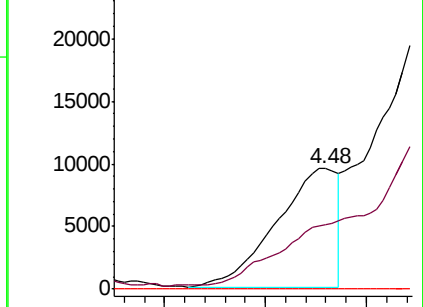
76 0.0 25.3 37.9#



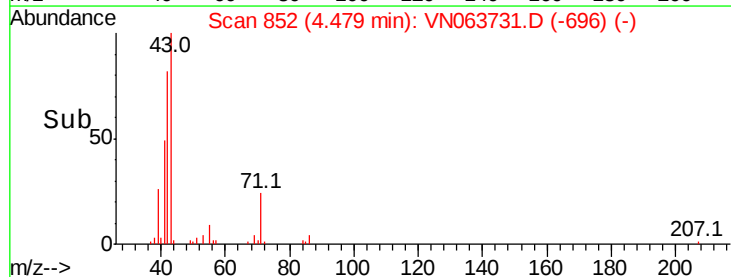
Abundance Ion 41.00 (40.70 to 41.70): VN0

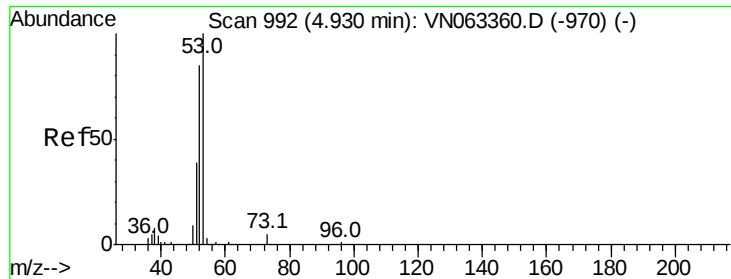
Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



Time-->





#15

Acrylonitrile

Concen: 3.152 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.06 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

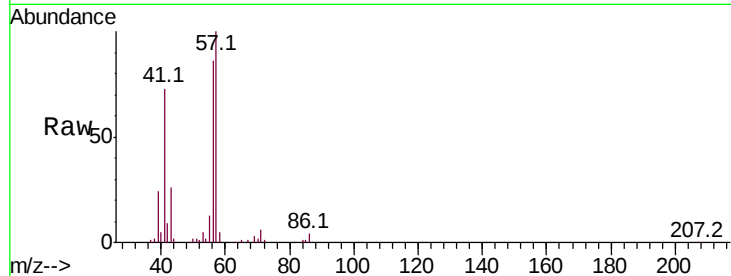
Tot Ion: 53 Resp: 4258

Ion Ratio Lower Upper

53 100

52 14.3 66.4 99.6#

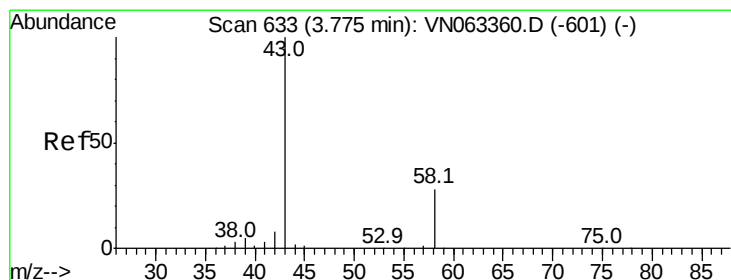
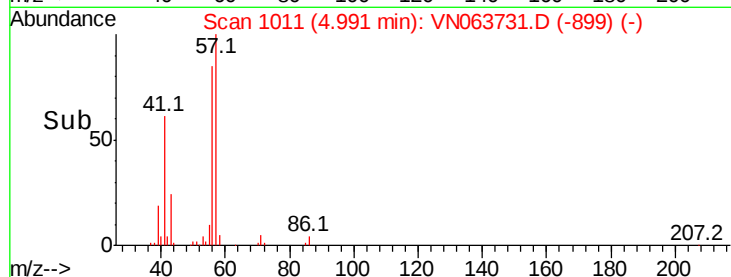
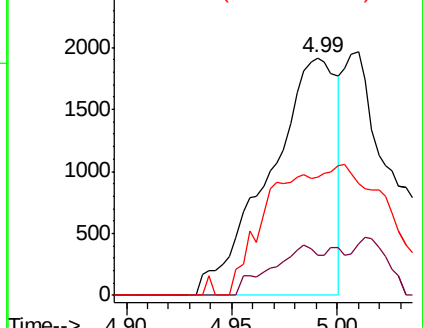
51 38.6 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 5.023 ug/l

RT: 3.74 min Scan# 623

Delta R.T. -0.03 min

Lab File: VN063731.D

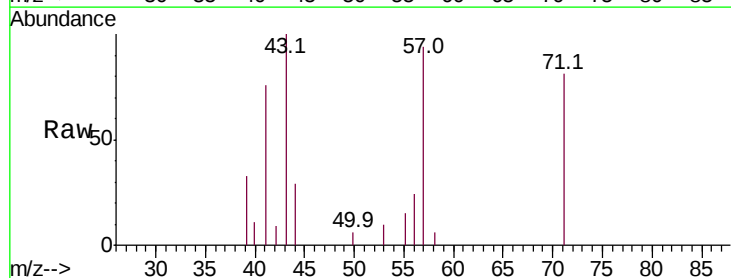
Acq: 29 Sep 2020 17:04

Tgt Ion: 43 Resp: 6188

Ion Ratio Lower Upper

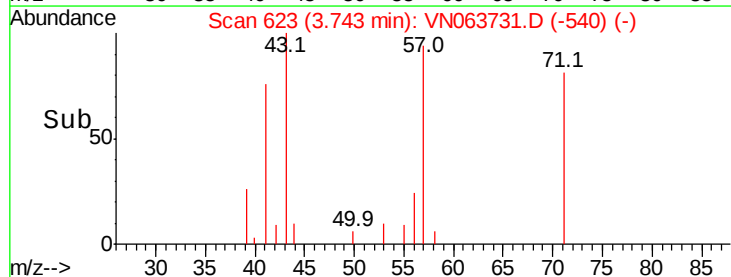
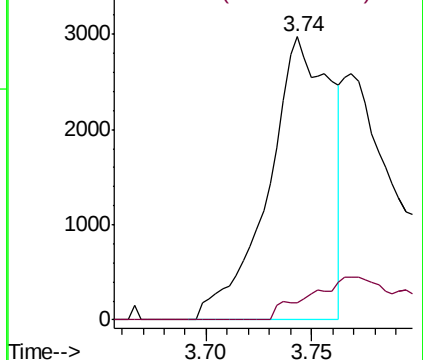
43 100

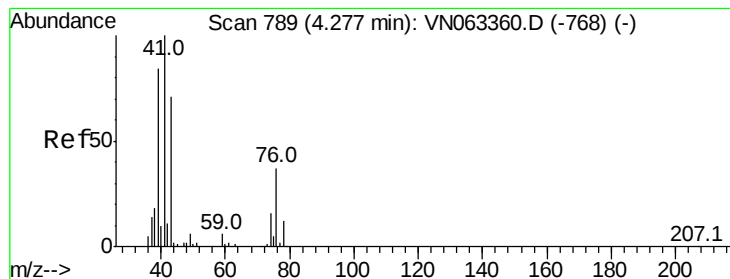
58 5.9 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 16.139 ug/l

RT: 4.49 min Scan# 854

Delta R.T. 0.21 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

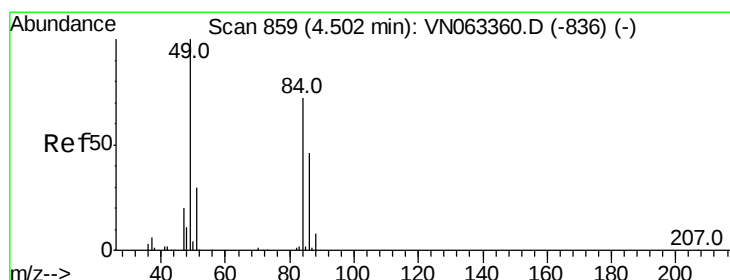
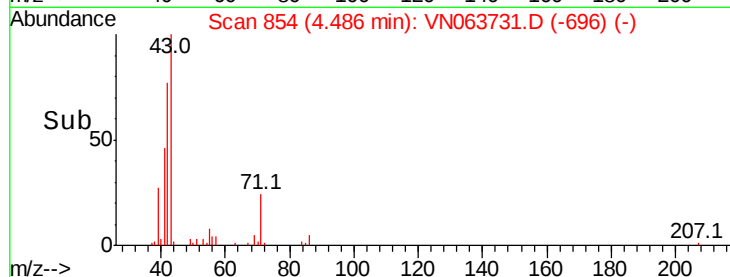
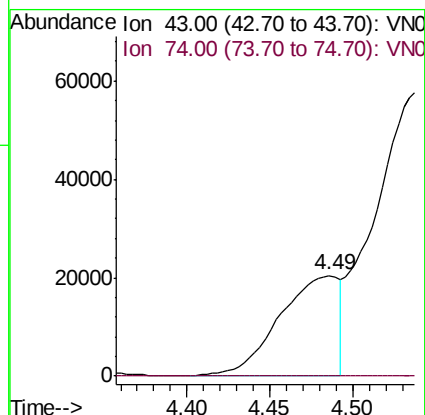
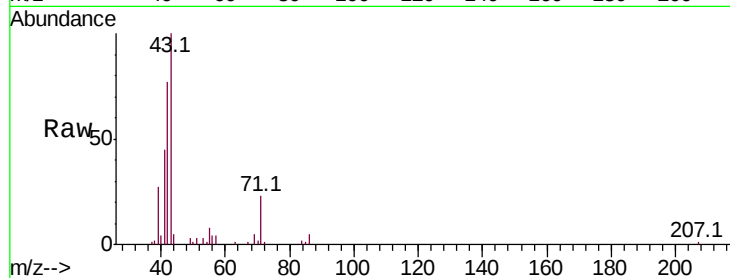
TP-5DL

Tot Ion: 43 Resp: 50472

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.2#



#20

Methylene Chloride

Concen: 0.237 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Tgt Ion: 84 Resp: 739

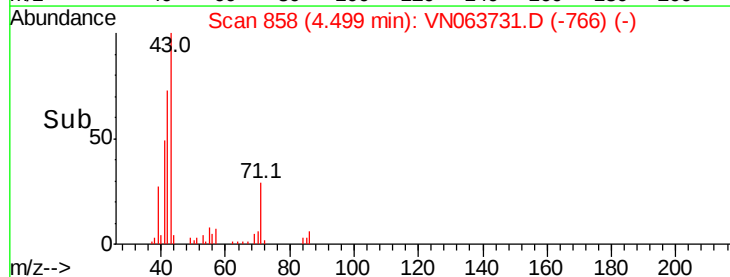
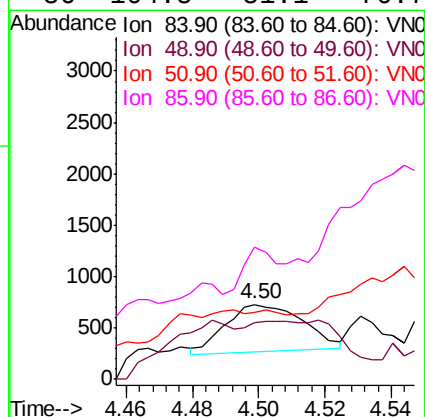
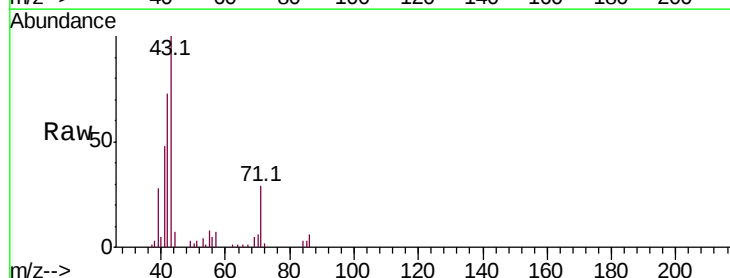
Ion Ratio Lower Upper

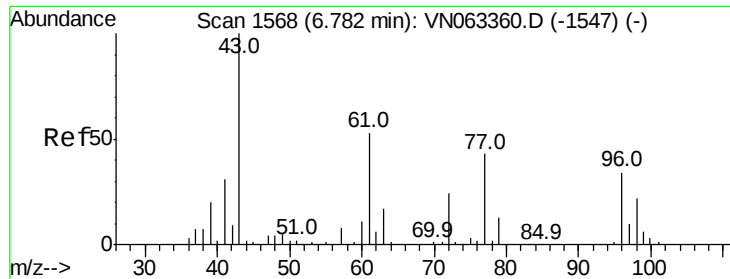
84 100

49 31.4 110.7 166.1#

51 4.3 32.9 49.3#

86 104.5 51.1 76.7#





#25

2-Butanone

Concen: 1.488 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

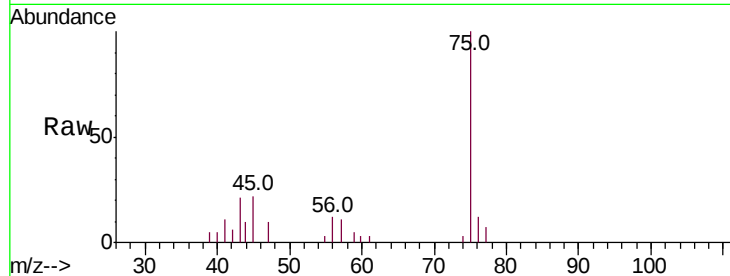
TP-5DL

Tot Ion: 43 Resp: 2819

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1547) (-)

6.78

1200

1000

800

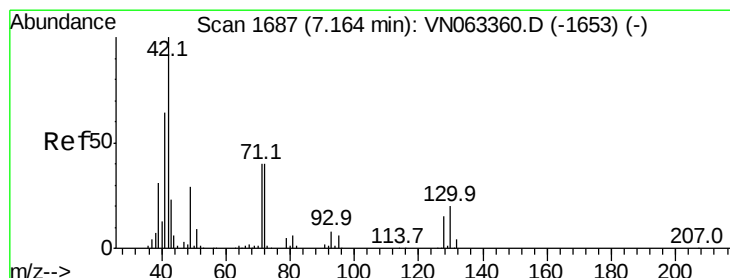
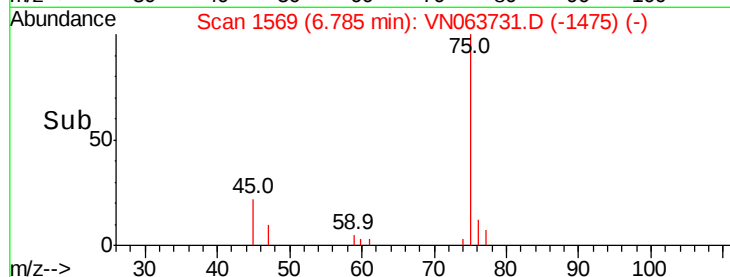
600

400

200

0

Time--> 6.70 6.75 6.80



#29

Tetrahydrofuran

Concen: 0.216 ug/l

RT: 7.18 min Scan# 1692

Delta R.T. 0.02 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

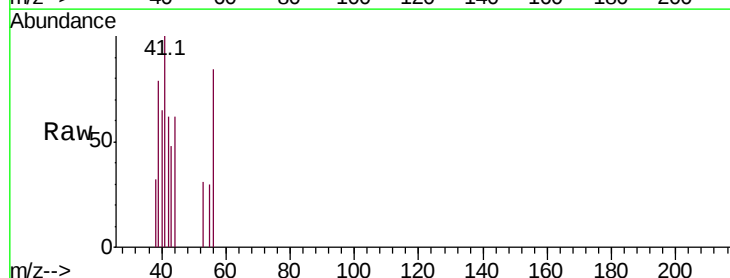
Tgt Ion: 42 Resp: 279

Ion Ratio Lower Upper

42 100

72 11.1 32.1 48.1#

71 0.0 31.2 46.8#



Abundance Ion 42.00 (41.70 to 42.70): VN063360.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN063360.D (-1653) (-)

7.18

500

400

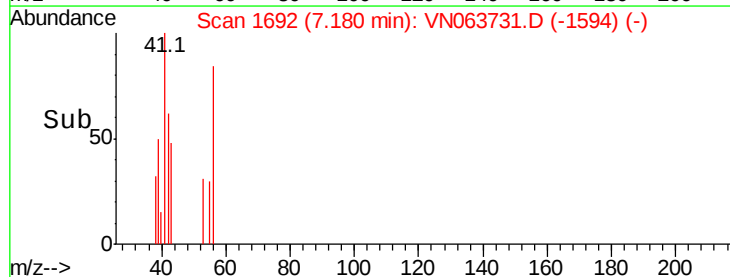
300

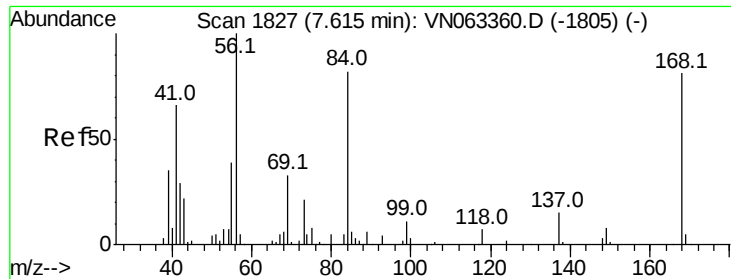
200

100

0

Time--> 7.16 7.18

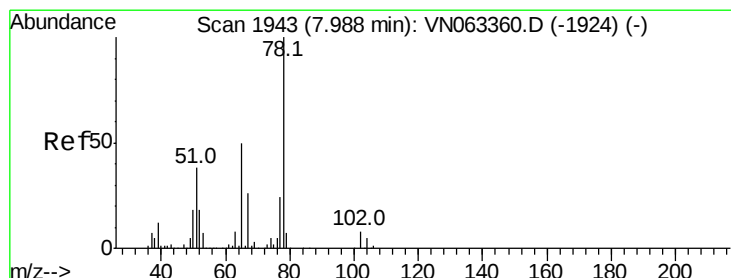
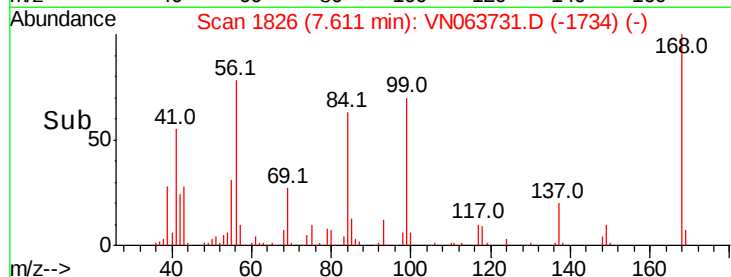
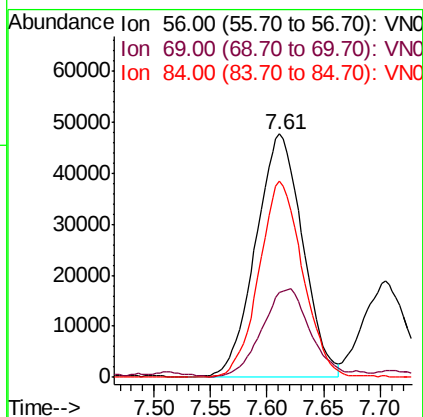
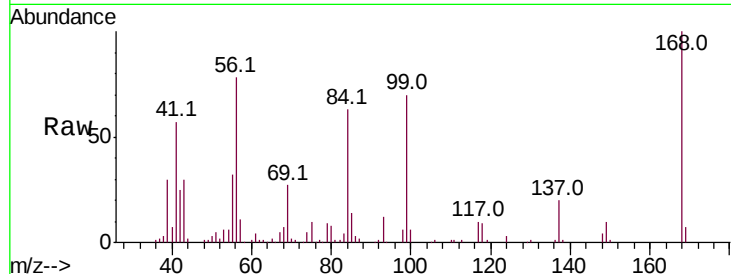




#31
Cyclohexane
Concen: 25.985 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

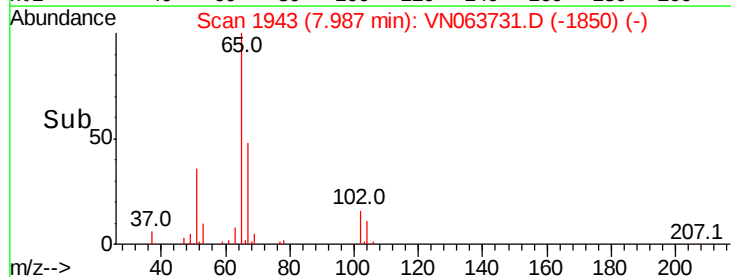
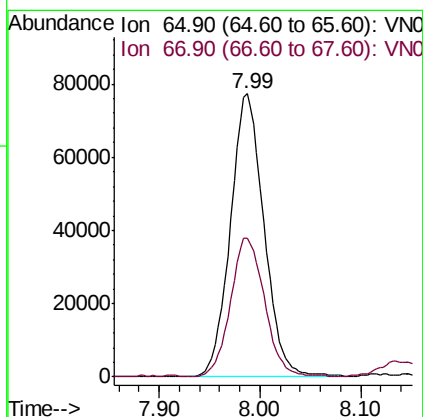
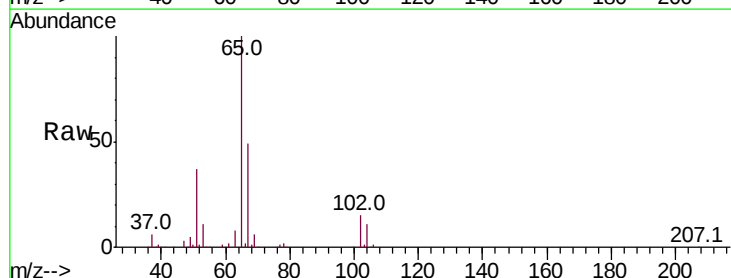
Instrument :
MSVOA_N
ClientSampled :
TP-5DL

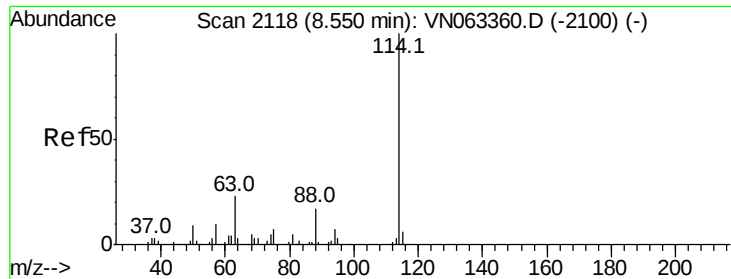
Tot Ion: 56 Resp: 137561
Ion Ratio Lower Upper
56 100
69 34.0 26.1 39.1
84 80.5 65.4 98.2



#33
1,2-Dichloroethane-d4
Concen: 46.746 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion: 65 Resp: 179183
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.2

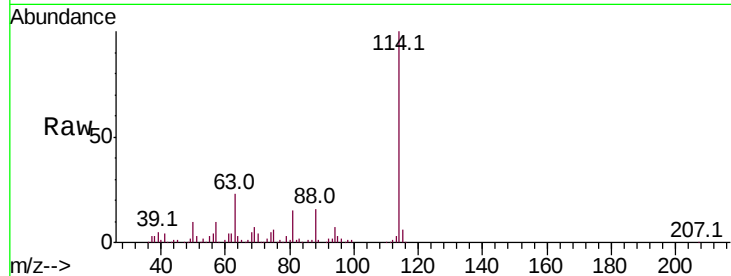




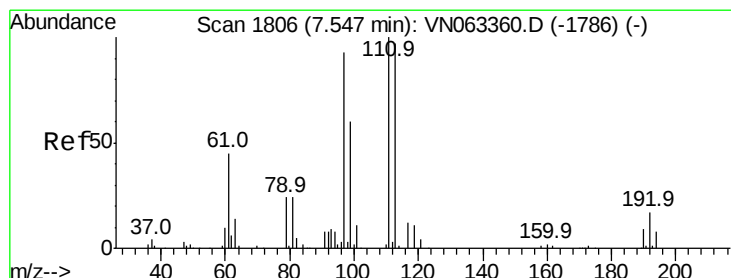
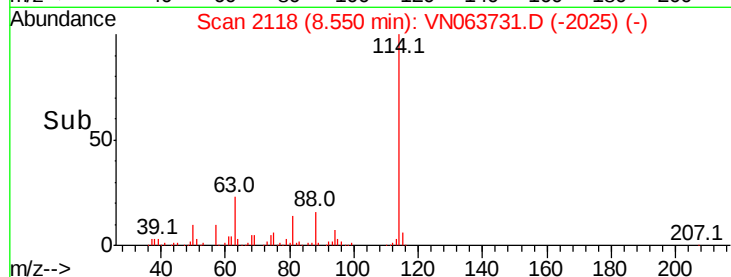
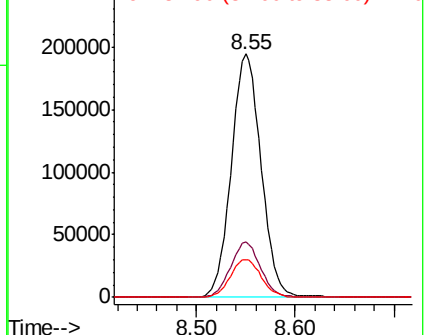
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5DL

Tot Ion:114	Resp:	409409
Ion	Ratio	Lower Upper
114	100	
63	22.6	0.0 46.4
88	15.6	0.0 33.2

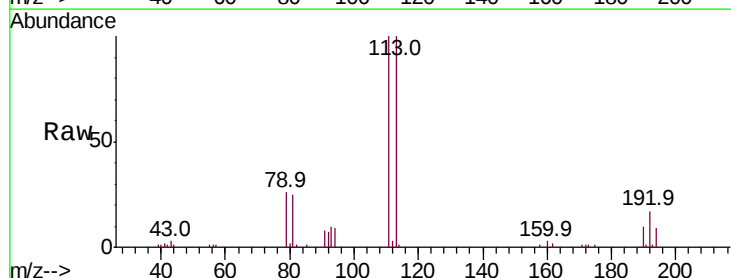


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

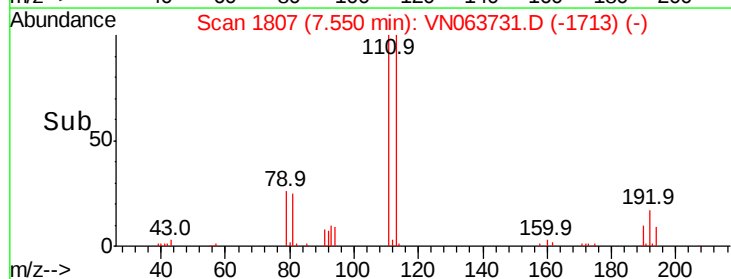
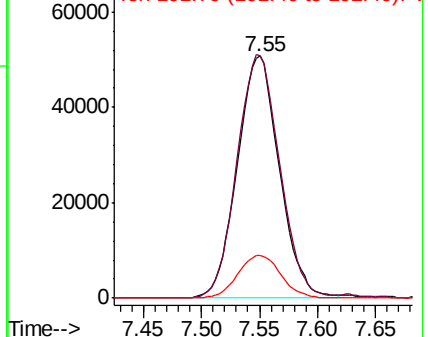


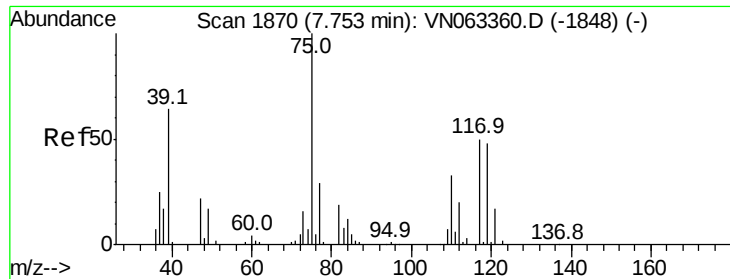
#35
 Dibromofluoromethane
 Concen: 45.212 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Tgt Ion:113	Resp:	128142
Ion	Ratio	Lower Upper
113	100	
111	102.3	82.9 124.3
192	18.1	13.9 20.9



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: 4.909 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

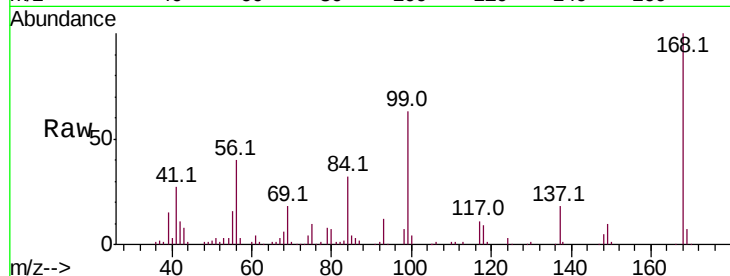
Tot Ion: 75 Resp: 21412

Ion Ratio Lower Upper

75 100

110 8.4 16.5 49.5#

77 3.7 24.6 36.8#

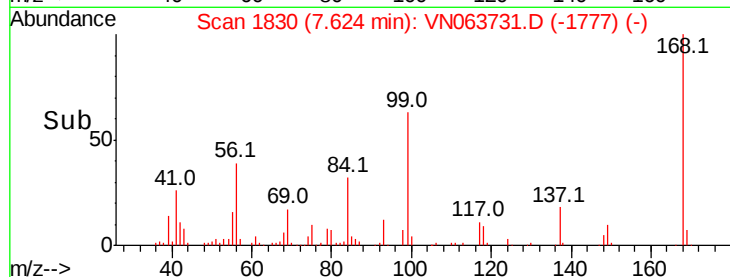


Abundance Ion 74.90 (74.60 to 75.60): VN063731.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN063731.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN063731.D (-1777) (-)

Time-->

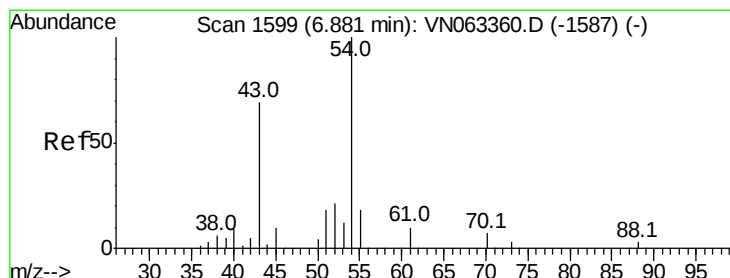


Abundance Ion 74.90 (74.60 to 75.60): VN063731.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN063731.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN063731.D (-1777) (-)

Time-->



#37

Ethyl Acetate

Concen: 0.659 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.10 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

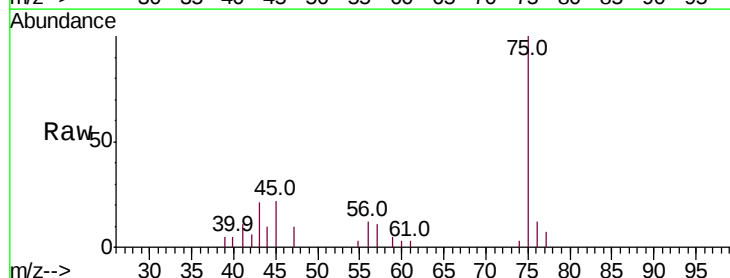
Tgt Ion: 43 Resp: 2819

Ion Ratio Lower Upper

43 100

61 15.2 10.6 15.8

70 0.0 7.2 10.8#

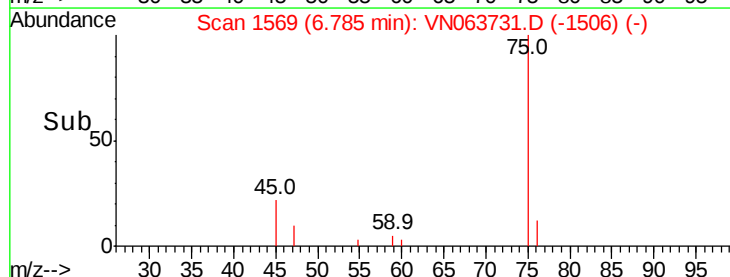


Abundance Ion 43.00 (42.70 to 43.70): VN063731.D (-1506) (-)

Ion 60.90 (60.60 to 61.60): VN063731.D (-1506) (-)

Ion 70.00 (69.70 to 70.70): VN063731.D (-1506) (-)

Time-->

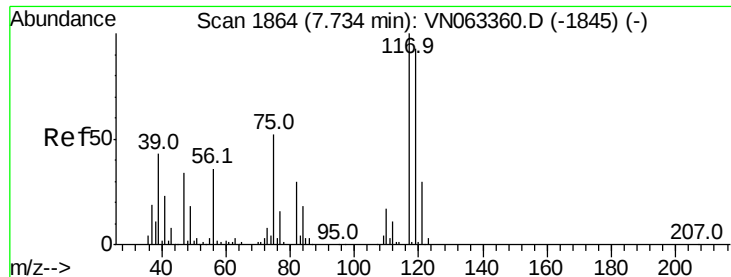


Abundance Ion 43.00 (42.70 to 43.70): VN063731.D (-1506) (-)

Ion 60.90 (60.60 to 61.60): VN063731.D (-1506) (-)

Ion 70.00 (69.70 to 70.70): VN063731.D (-1506) (-)

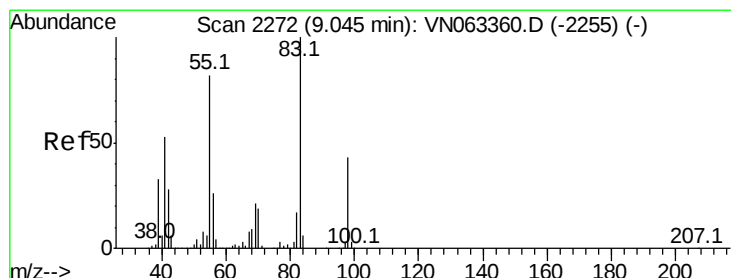
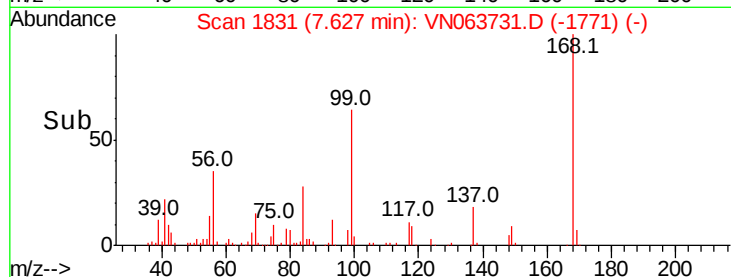
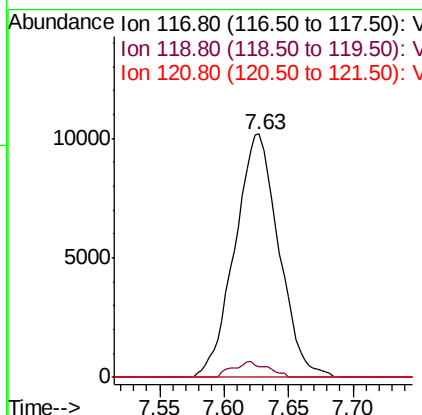
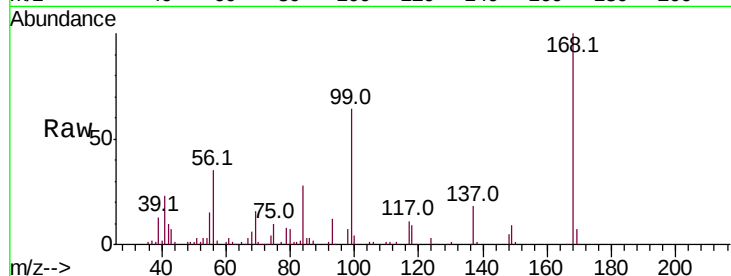
Time-->



#38
Carbon Tetrachloride
Concen: 5.429 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

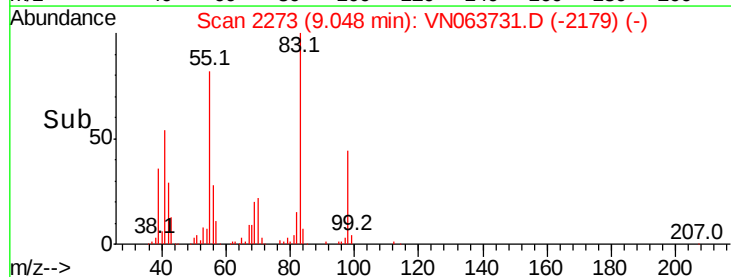
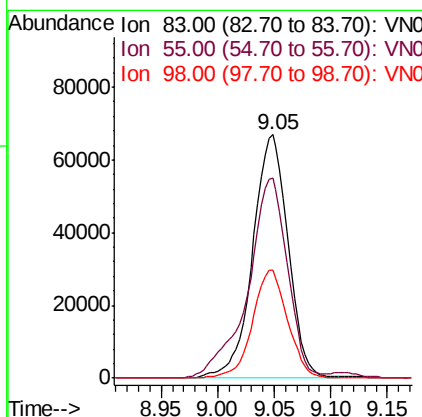
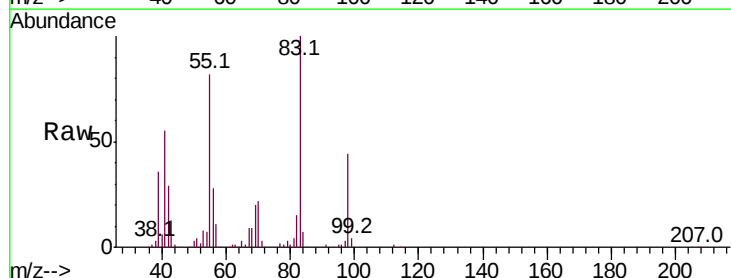
Instrument :
MSVOA_N
ClientSampled :
TP-5DL

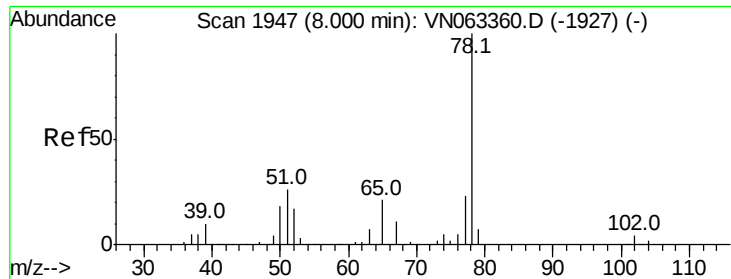
Tot Ion:117 Resp: 24170
Ion Ratio Lower Upper
117 100
119 4.3 74.5 111.7#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 30.717 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion: 83 Resp: 145408
Ion Ratio Lower Upper
83 100
55 81.6 65.5 98.3
98 44.2 34.2 51.4





#40

Benzene

Concen: 0.620 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

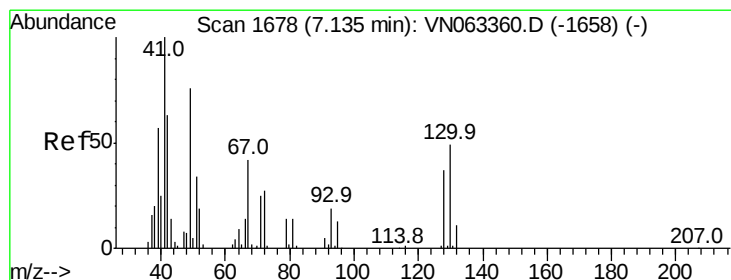
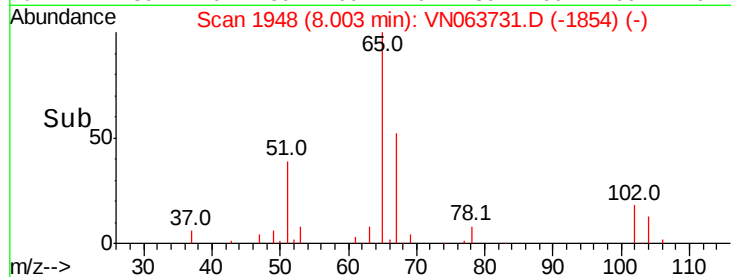
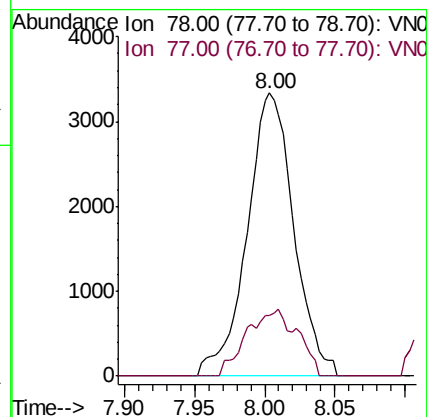
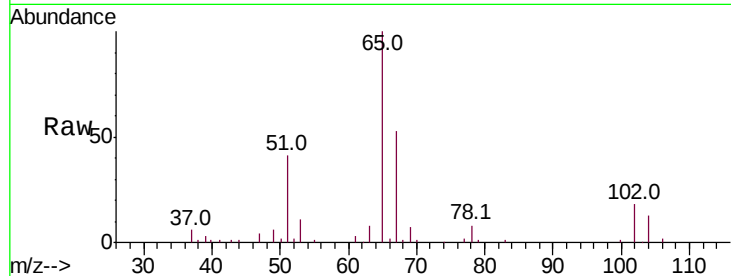
TP-5DL

Tot Ion: 78 Resp: 7720

Ion Ratio Lower Upper

78 100

77 21.3 18.3 27.5



#41

Methacrylonitrile

Concen: 0.544 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Tgt Ion: 41 Resp: 1047

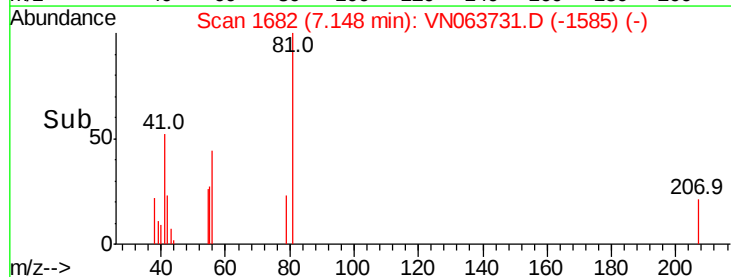
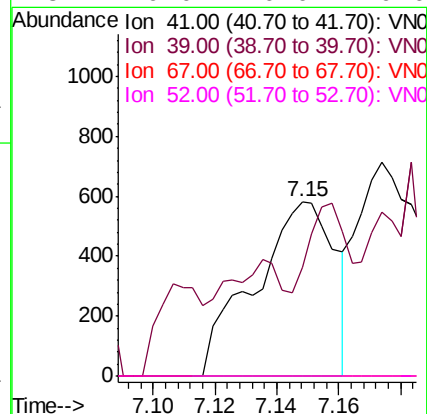
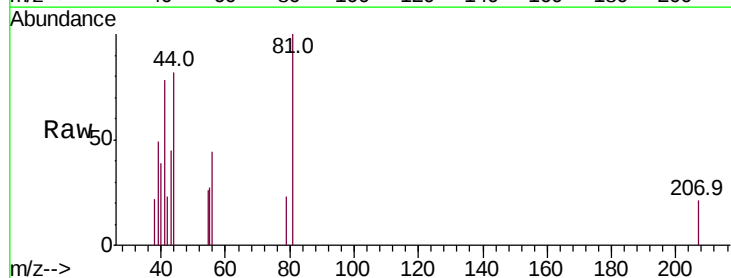
Ion Ratio Lower Upper

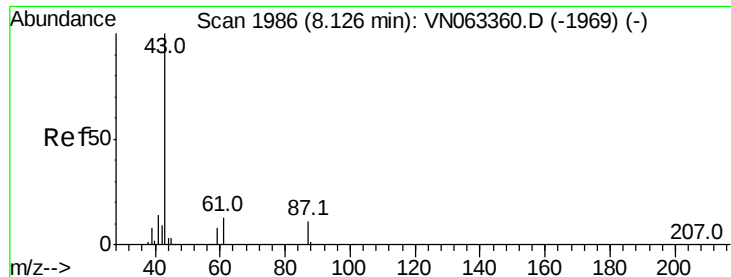
41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 1.713 ug/l

RT: 8.11 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

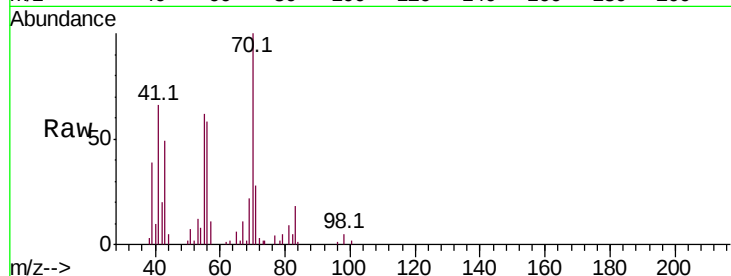
Tot Ion: 43 Resp: 13111

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

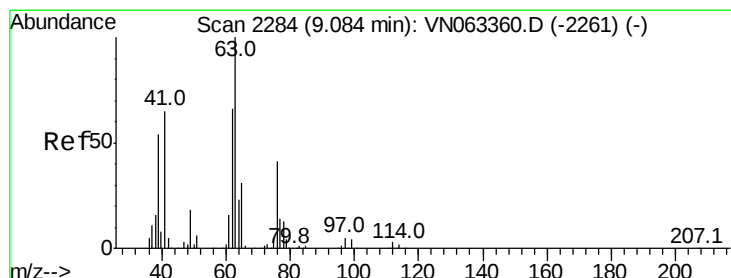
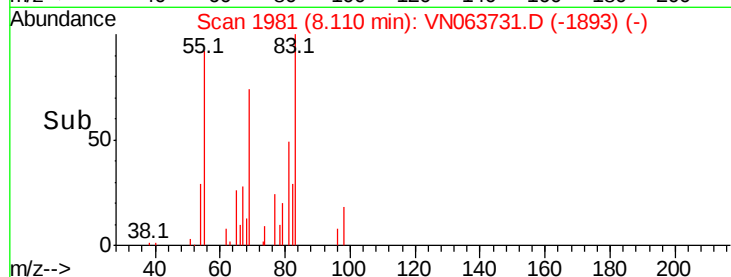
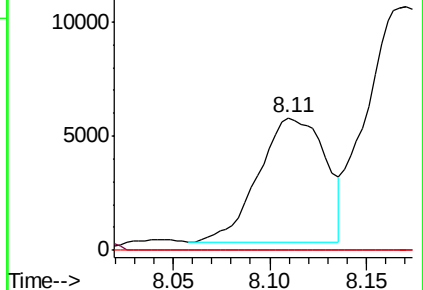
87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.574 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. -0.04 min

Lab File: VN063731.D

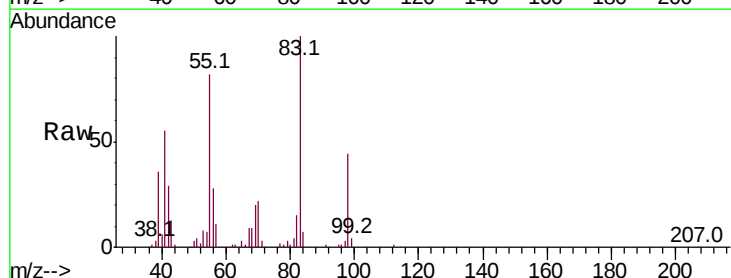
Acq: 29 Sep 2020 17:04

Tgt Ion: 63 Resp: 1947

Ion Ratio Lower Upper

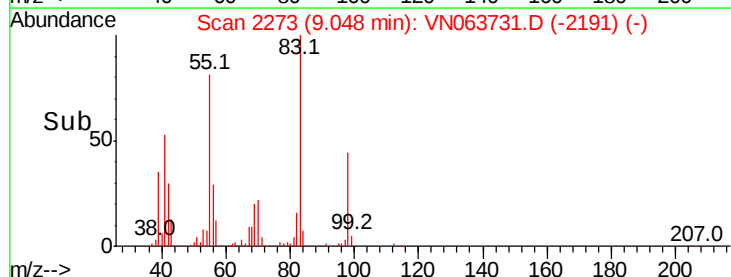
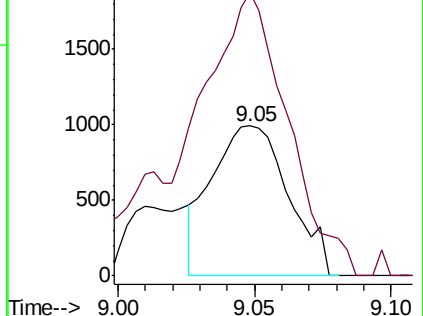
63 100

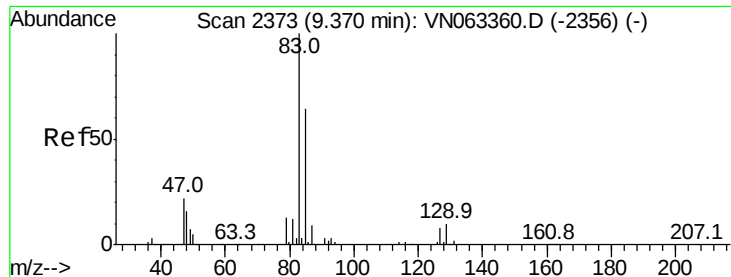
65 163.3 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.450 ug/l

RT: 9.34 min Scan# 2365

Delta R.T. -0.03 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

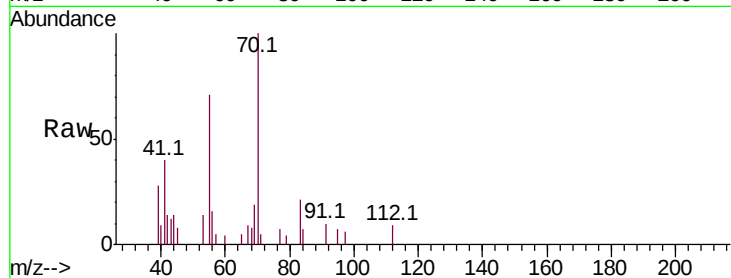
Tot Ion: 83 Resp: 2082

Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.6#

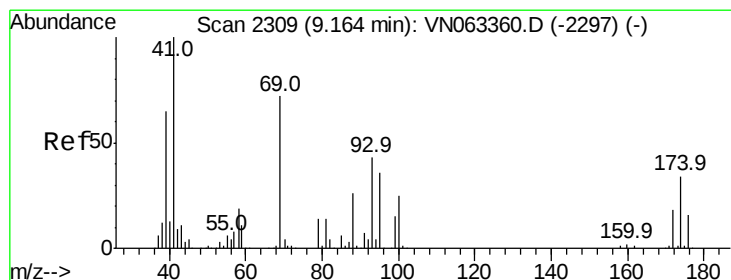
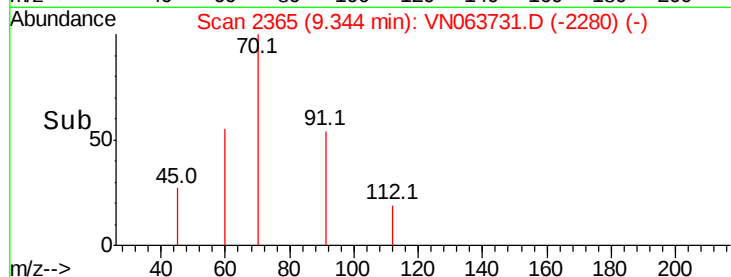
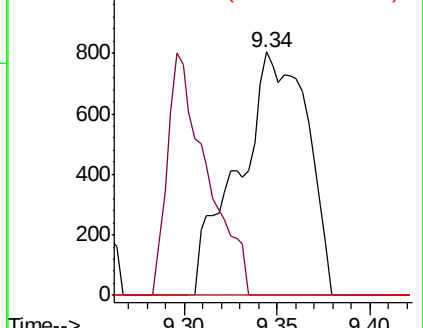
127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 2.503 ug/l

RT: 9.11 min Scan# 2292

Delta R.T. -0.05 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

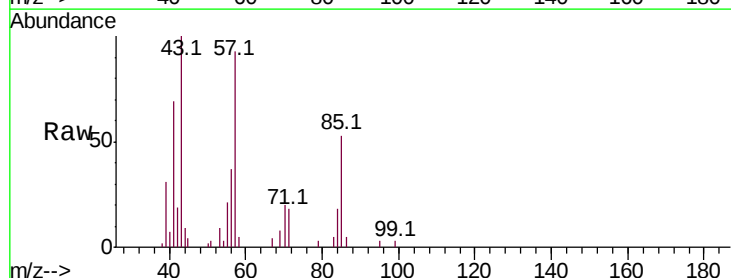
Tgt Ion: 41 Resp: 9414

Ion Ratio Lower Upper

41 100

69 0.0 59.3 88.9#

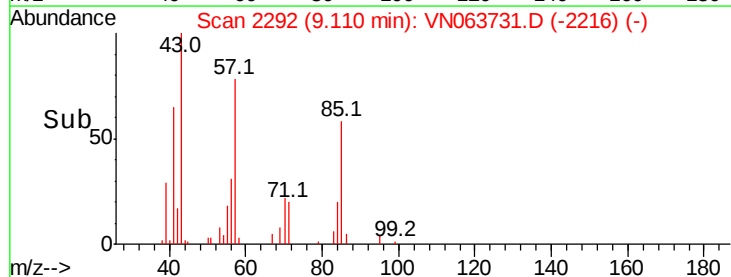
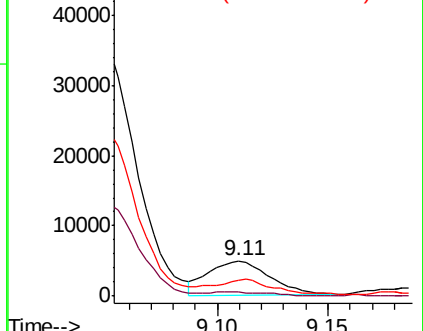
39 32.5 52.9 79.3#

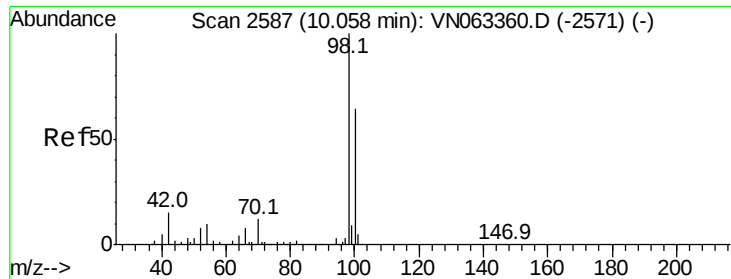


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 48.279 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

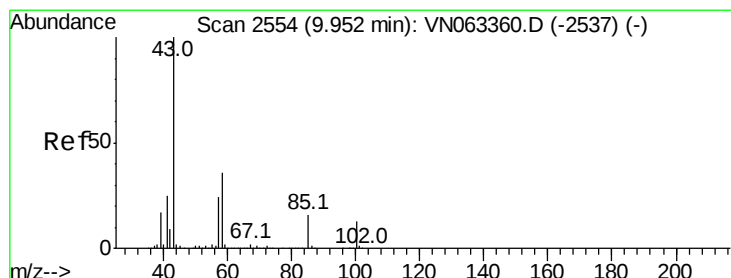
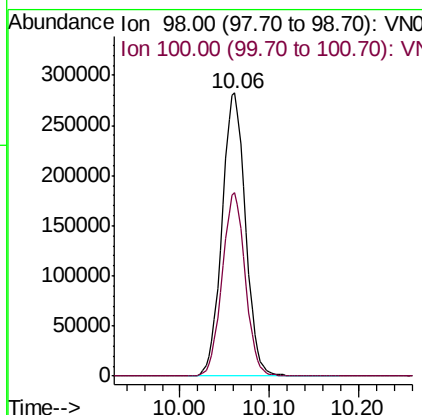
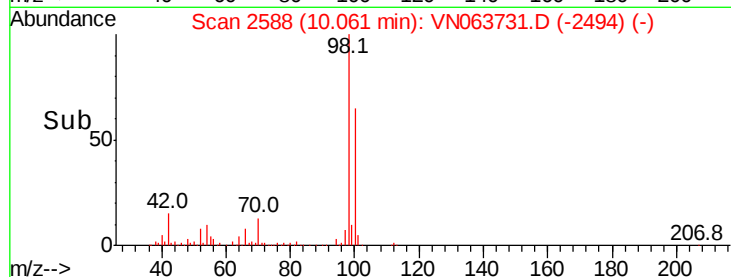
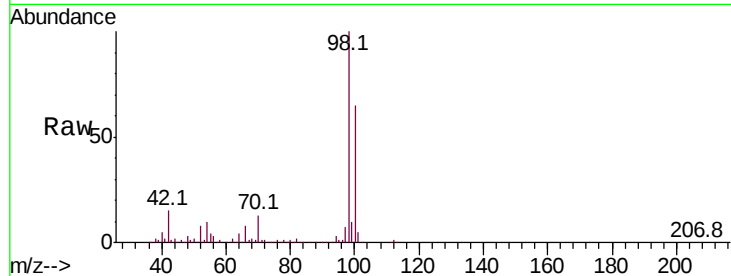
TP-5DL

Tot Ion: 98 Resp: 514523

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.532 ug/l

RT: 9.98 min Scan# 2564

Delta R.T. 0.03 min

Lab File: VN063731.D

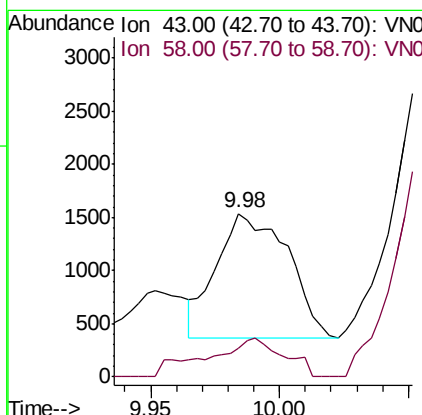
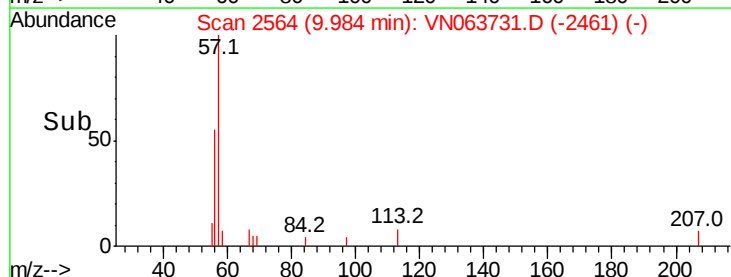
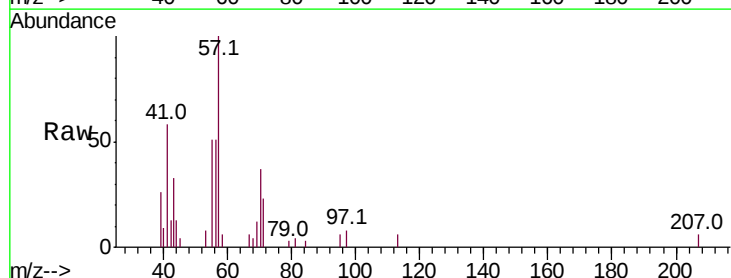
Acq: 29 Sep 2020 17:04

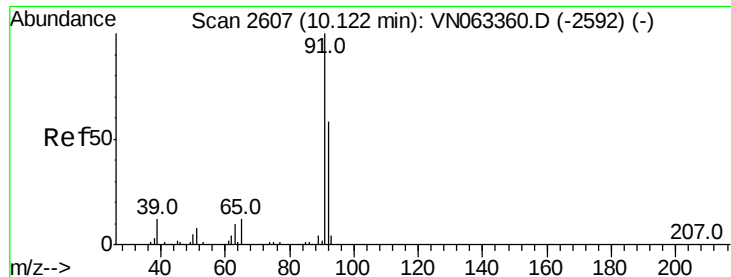
Tgt Ion: 43 Resp: 2281

Ion Ratio Lower Upper

43 100

58 24.7 29.0 43.6#





#52

Toluene

Concen: 0.591 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

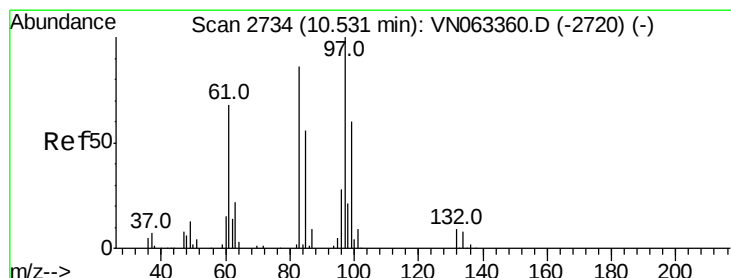
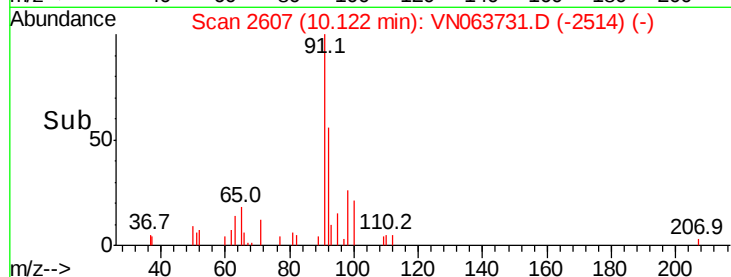
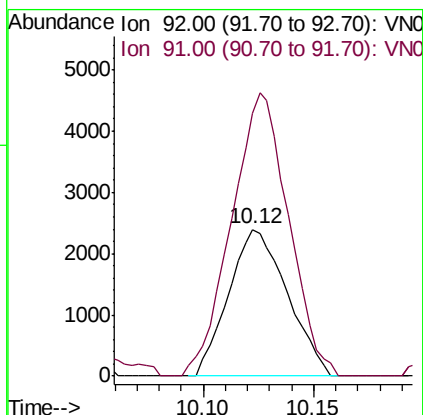
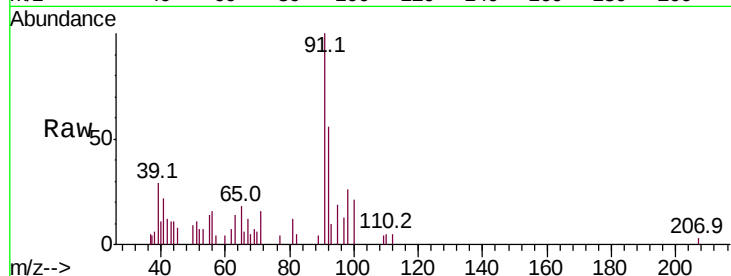
TP-5DL

Tot Ion: 92 Resp: 4422

Ion Ratio Lower Upper

92 100

91 187.5 139.7 209.5



#55

1,1,2-Trichloroethane

Concen: 3.795 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Tgt Ion: 97 Resp: 11285

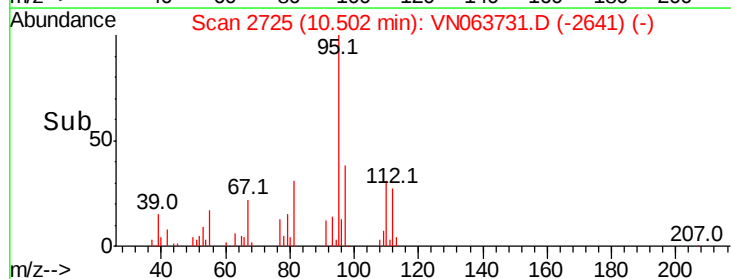
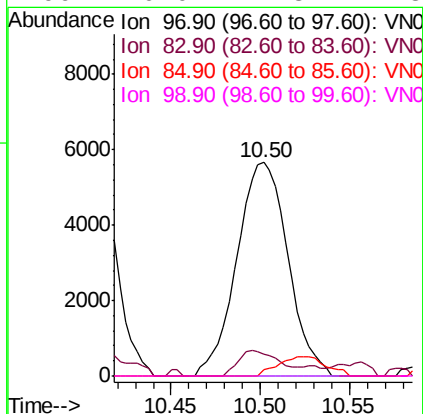
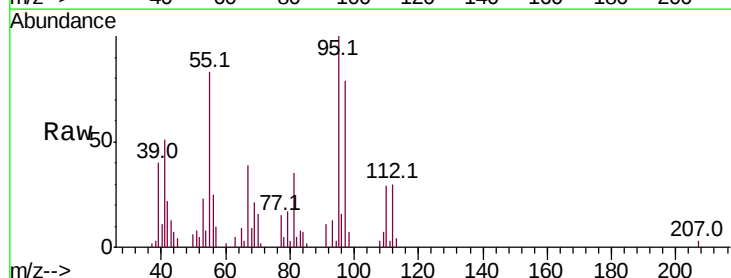
Ion Ratio Lower Upper

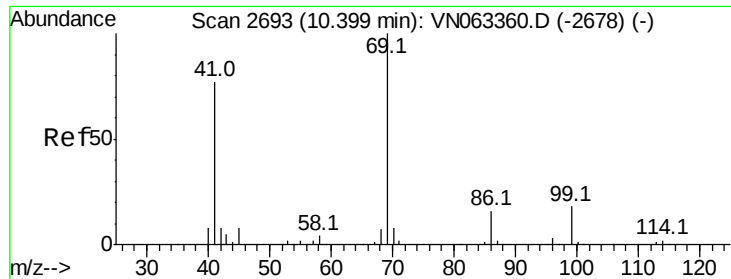
97 100

83 10.3 68.9 103.3#

85 2.8 44.8 67.2#

99 0.0 47.8 71.8#





#56

Ethyl methacrylate

Concen: 0.861 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

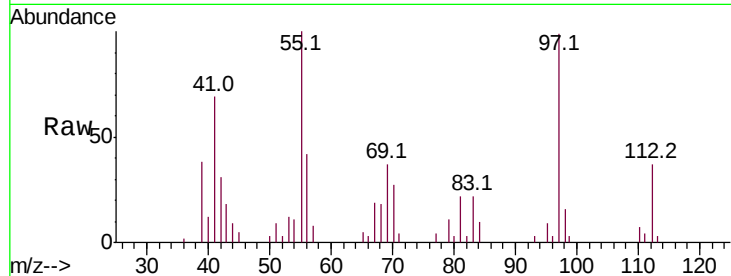
Tot Ion: 69 Resp: 3997

Ion Ratio Lower Upper

69 100

41 171.8 61.0 91.6#

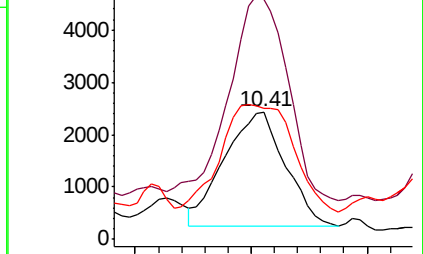
39 121.9 39.2 58.8#



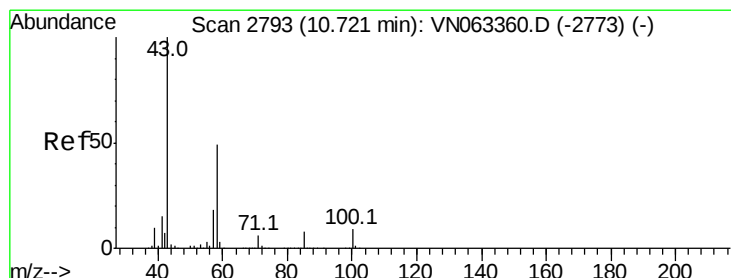
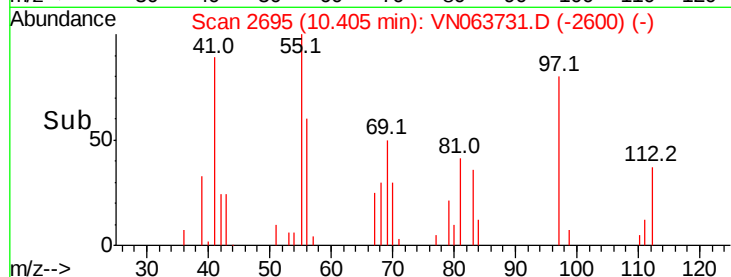
Abundance Ion 69.00 (68.70 to 69.70): VN063731.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063731.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063731.D (-2600) (-)



Time-->



#59

2-Hexanone

Concen: 1.680 ug/l

RT: 10.69 min Scan# 2784

Delta R.T. -0.03 min

Lab File: VN063731.D

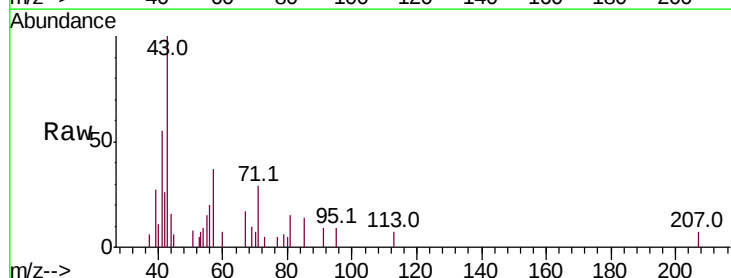
Acq: 29 Sep 2020 17:04

Tgt Ion: 43 Resp: 5215

Ion Ratio Lower Upper

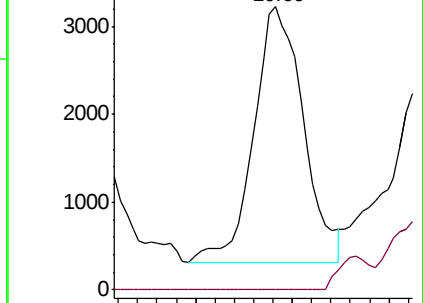
43 100

58 0.0 24.7 74.1#

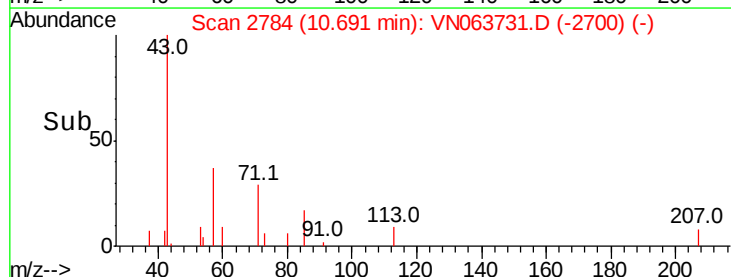


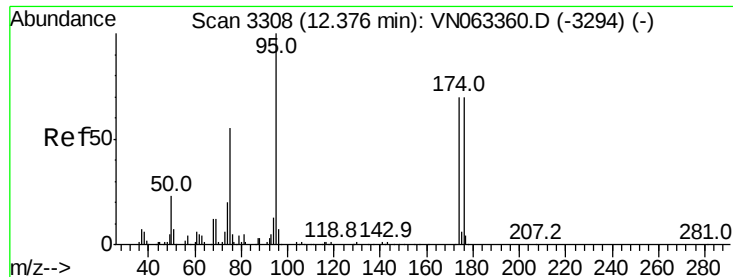
Abundance Ion 43.00 (42.70 to 43.70): VN063731.D (-2700) (-)

Ion 58.00 (57.70 to 58.70): VN063731.D (-2700) (-)



Time-->

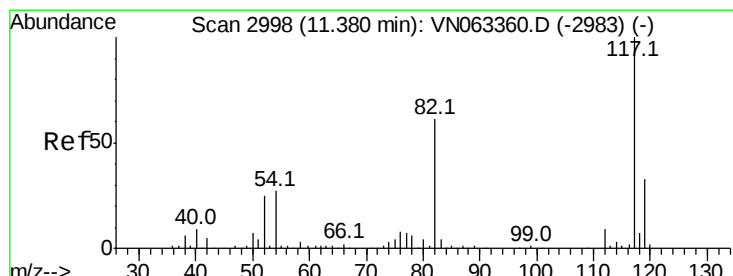
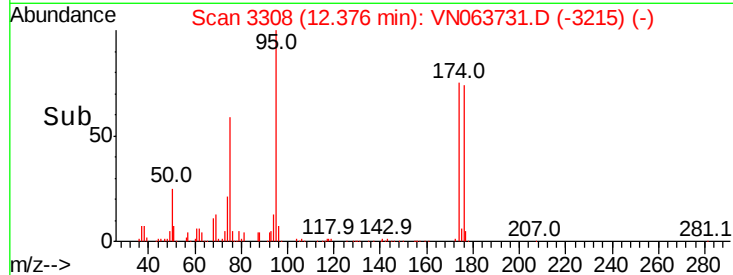
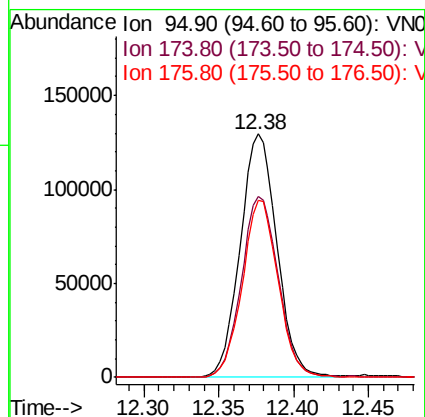
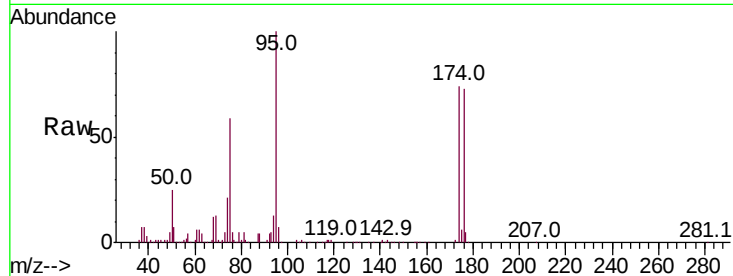




#62
4-Bromofluorobenzene
Concen: 56.162 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

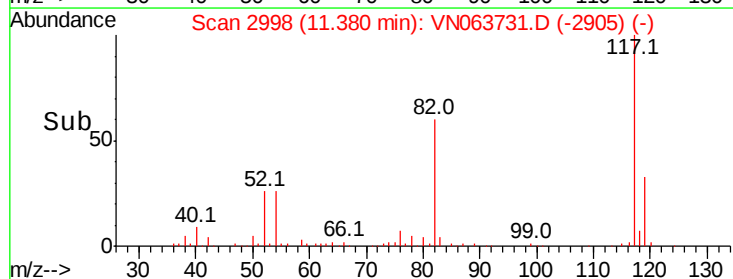
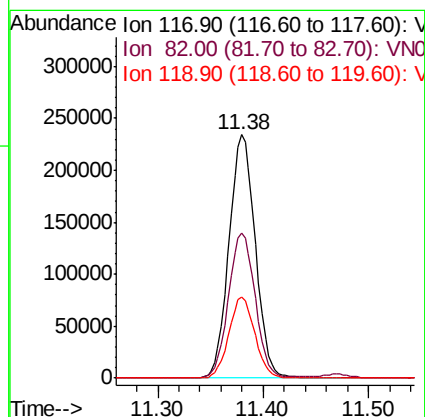
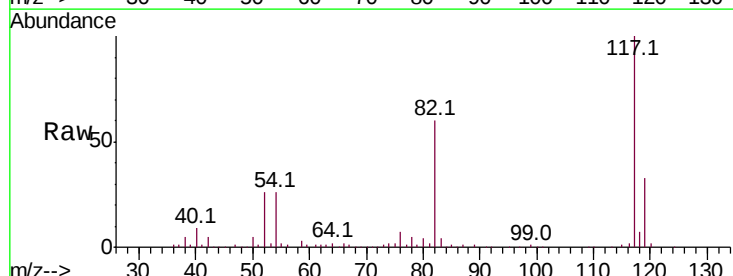
Instrument :
MSVOA_N
ClientSampleId :
TP-5DL

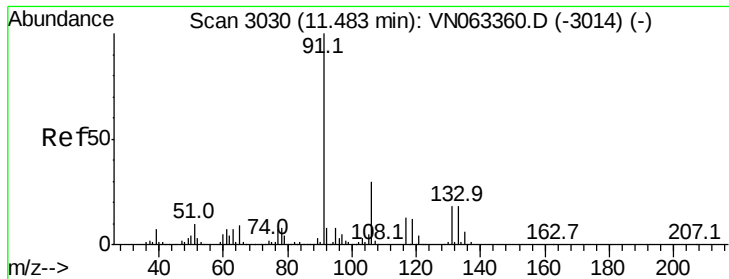
Tot Ion: 95 Resp: 219414
Ion Ratio Lower Upper
95 100
174 75.0 0.0 140.8
176 71.9 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion: 117 Resp: 404078
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 33.3 26.2 39.4





#67

Ethyl Benzene

Concen: 35.567 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

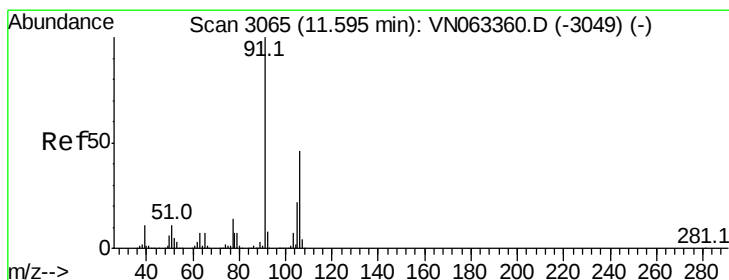
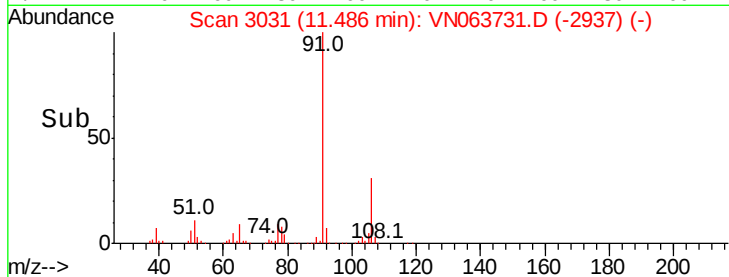
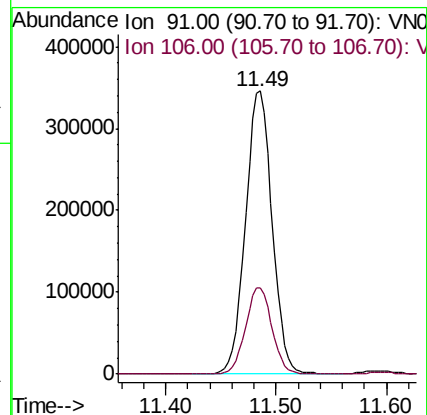
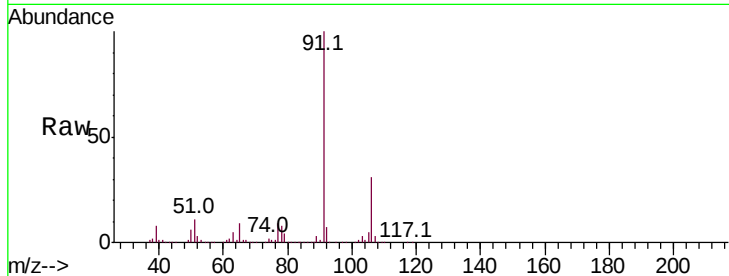
TP-5DL

Tot Ion: 91 Resp: 574507

Ion Ratio Lower Upper

91 100

106 30.5 23.8 35.6



#68

m/p-Xylenes

Concen: 30.091 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.11 min

Lab File: VN063731.D

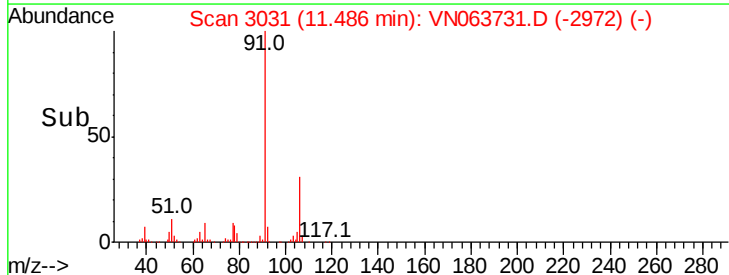
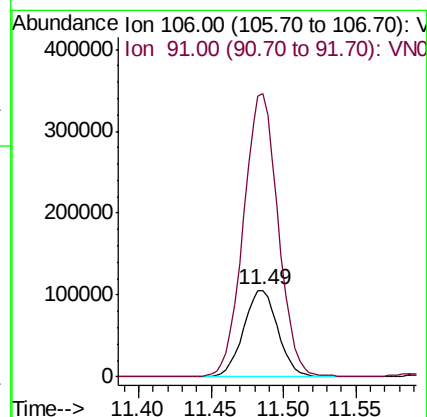
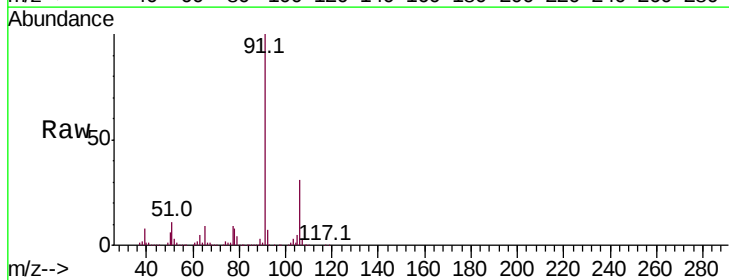
Acq: 29 Sep 2020 17:04

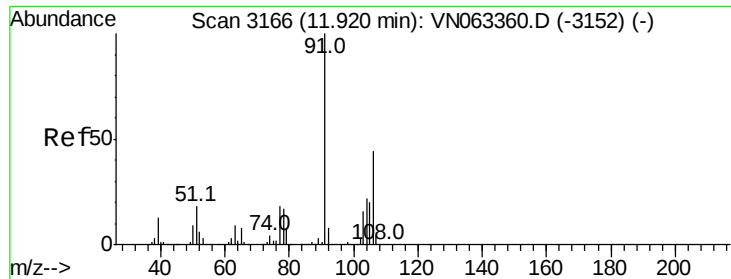
Tgt Ion: 106 Resp: 175247

Ion Ratio Lower Upper

106 100

91 327.8 171.2 256.8#

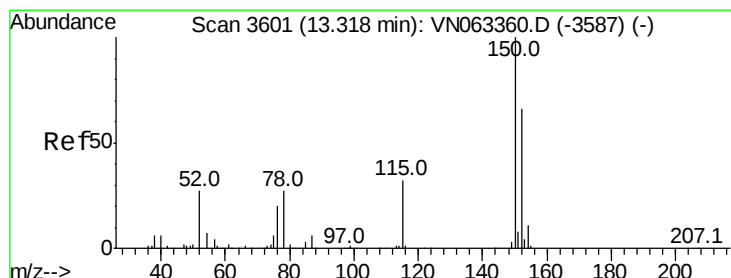
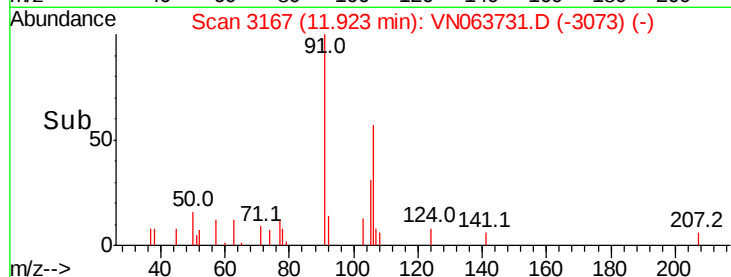
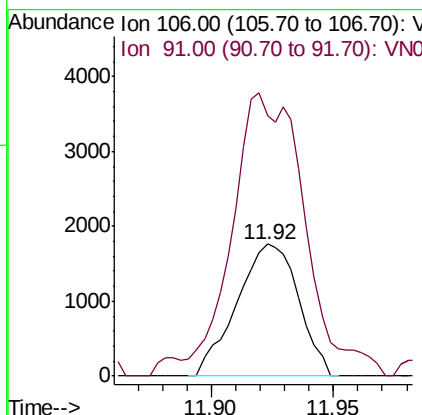
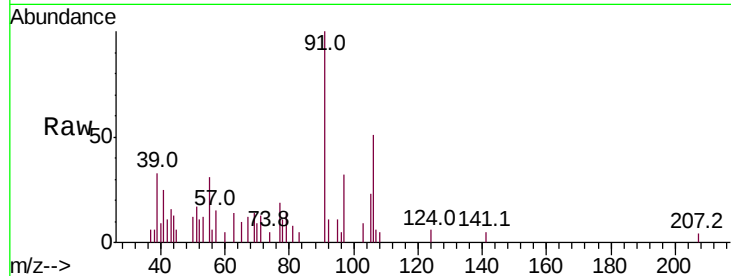




#69
o-Xylene
Concen: 0.556 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

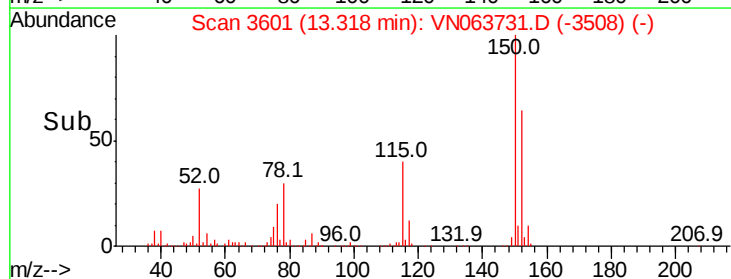
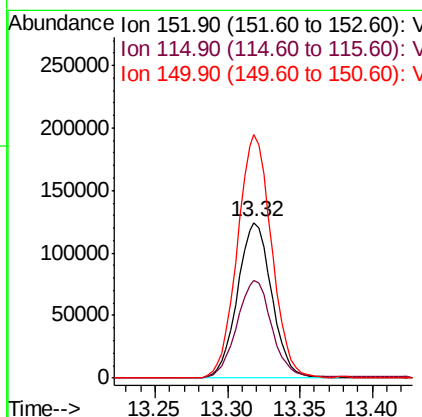
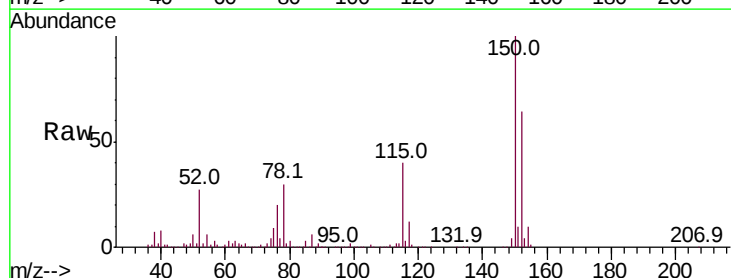
Instrument :
MSVOA_N
ClientSampleId :
TP-5DL

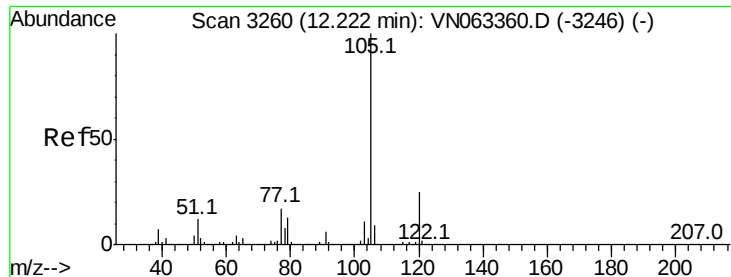
Tot Ion:106 Resp: 3082
Ion Ratio Lower Upper
106 100
91 258.0 113.6 340.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion:152 Resp: 203900
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 156.4 0.0 343.4





#73

Isopropylbenzene

Concen: 18.060 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

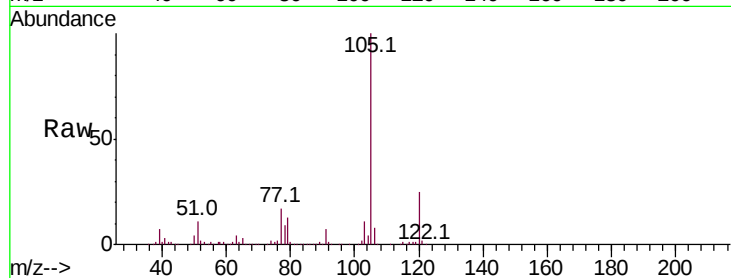
TP-5DL

Tot Ion:105 Resp: 295091

Ion Ratio Lower Upper

105 100

120 24.9 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

200000

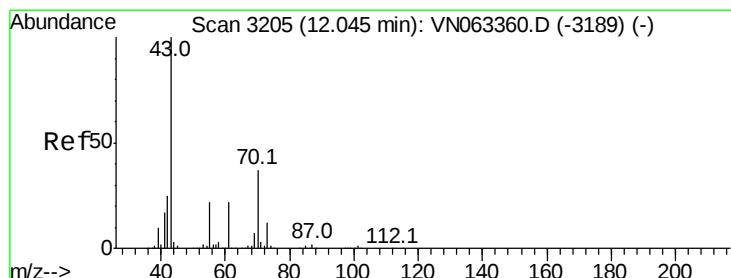
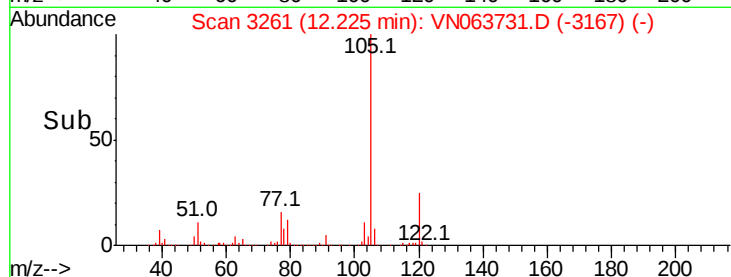
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 0.234 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Tgt Ion: 43 Resp: 1809

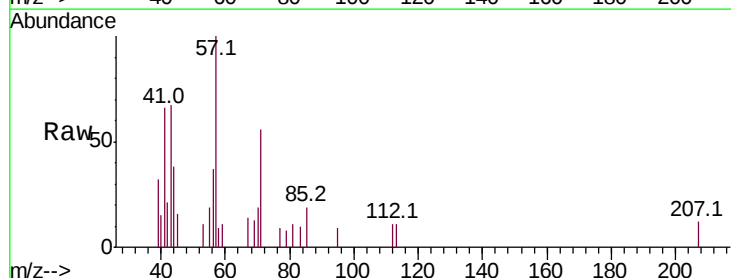
Ion Ratio Lower Upper

43 100

70 35.3 29.6 44.4

55 10.2 17.7 26.5#

61 0.0 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

2000

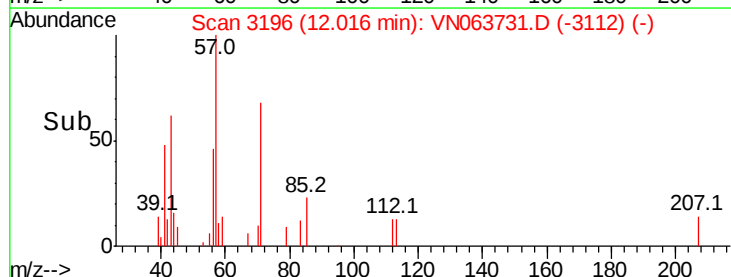
1500

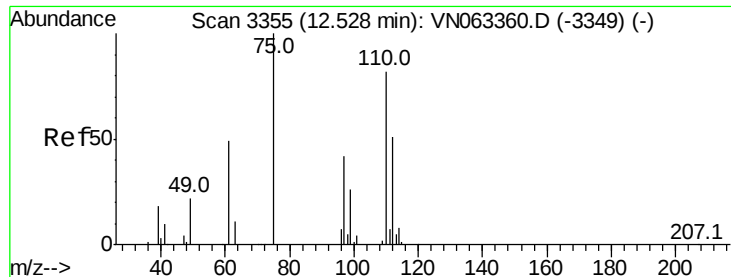
1000

500

0

Time-->





#76

1,2,3-Trichloropropane

Concen: 1.499 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

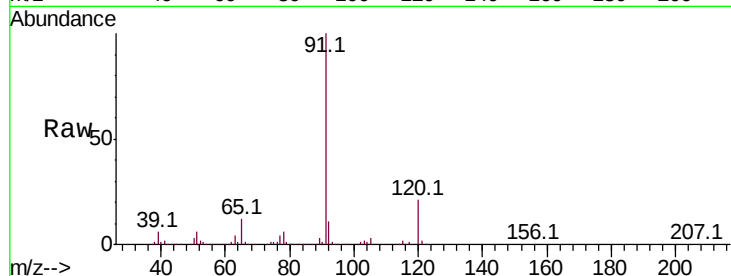
TP-5DL

Tot Ion: 75 Resp: 7565

Ion Ratio Lower Upper

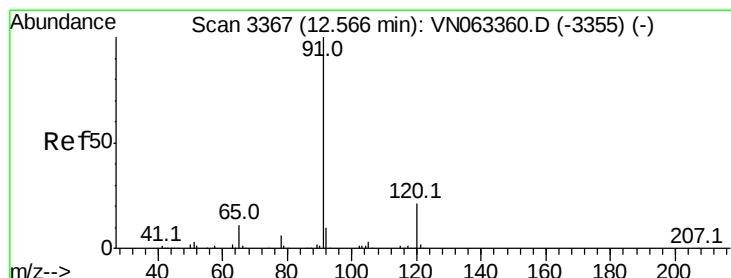
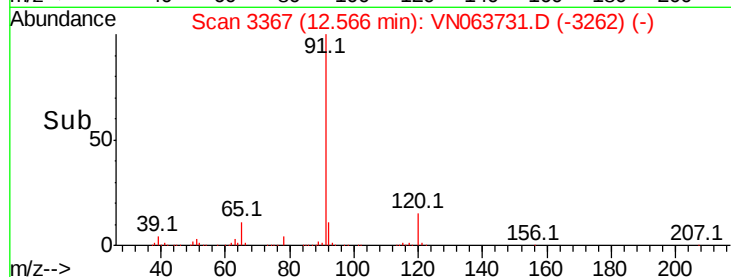
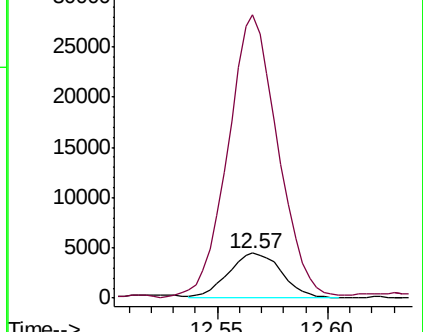
75 100

77 587.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 55.025 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063731.D

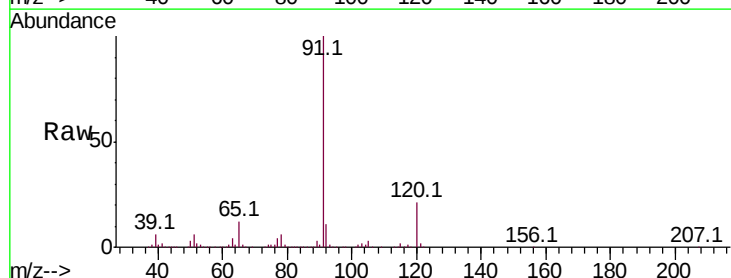
Acq: 29 Sep 2020 17:04

Tgt Ion: 91 Resp: 1047161

Ion Ratio Lower Upper

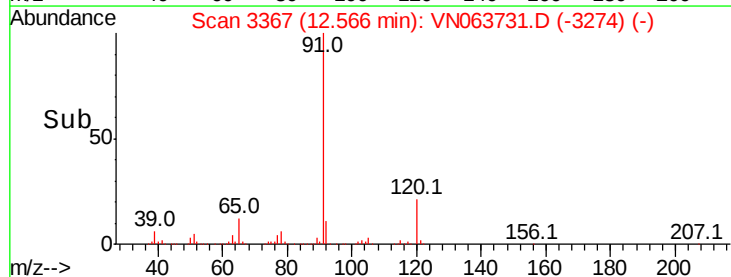
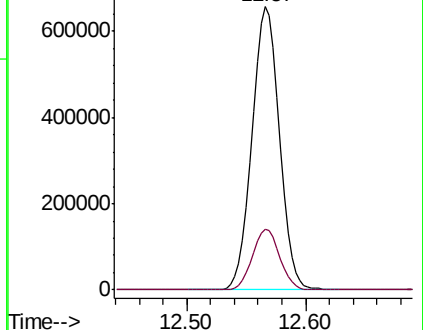
91 100

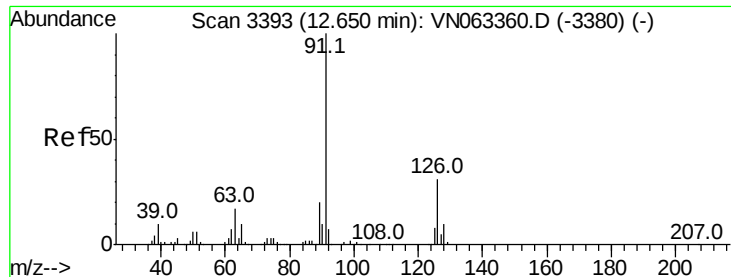
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

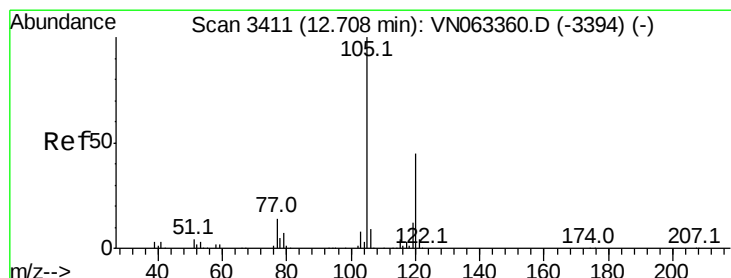
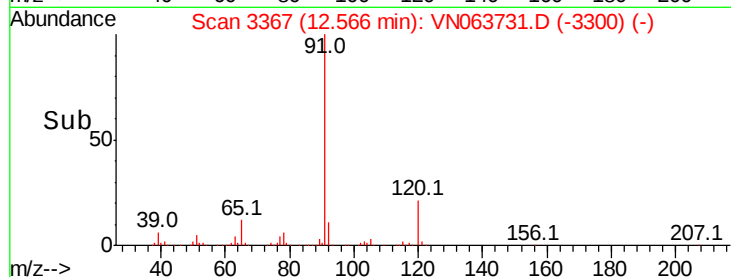
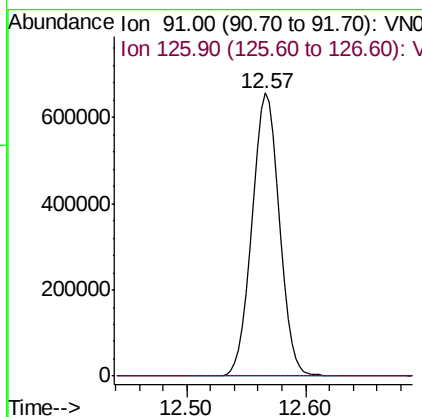
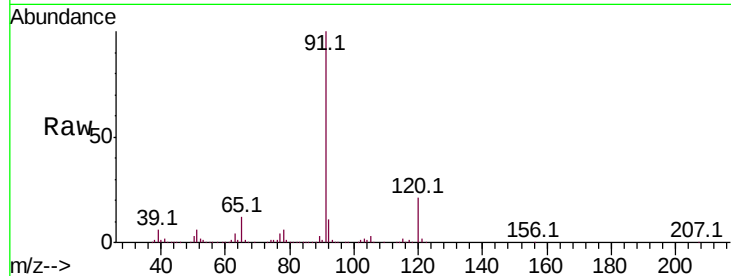




#79
 2-Chlorotoluene
 Concen: 91.792 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. -0.08 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

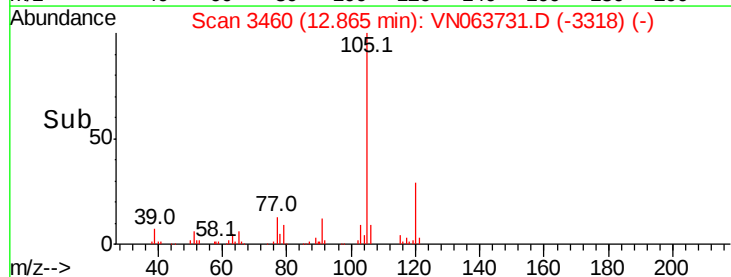
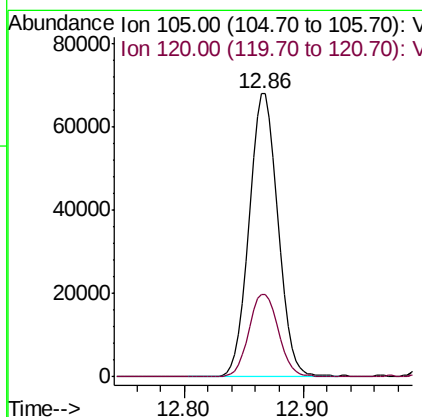
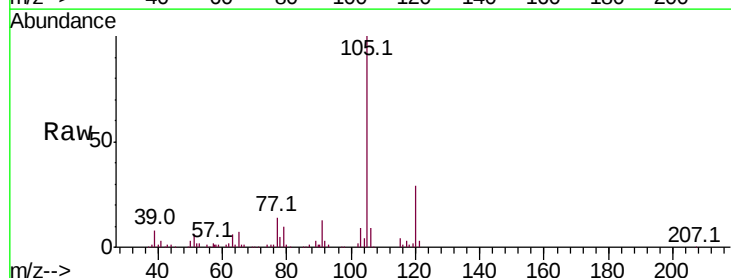
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5DL

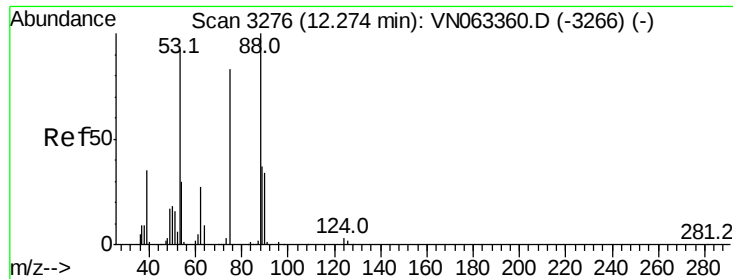
Tot Ion: 91 Resp: 1047161
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 8.399 ug/l
 RT: 12.86 min Scan# 3460
 Delta R.T. 0.16 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Tgt Ion:105 Resp: 114430
 Ion Ratio Lower Upper
 105 100
 120 29.8 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 2.189 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.05 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

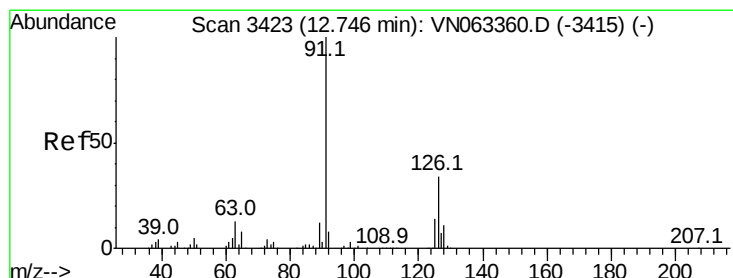
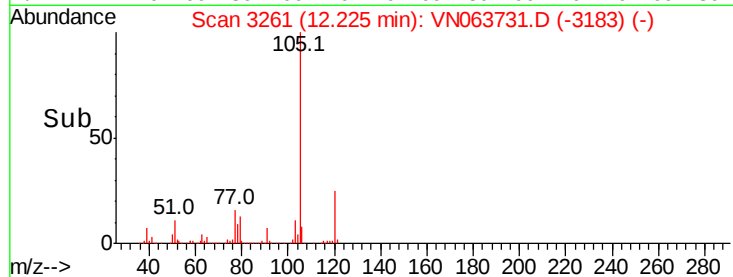
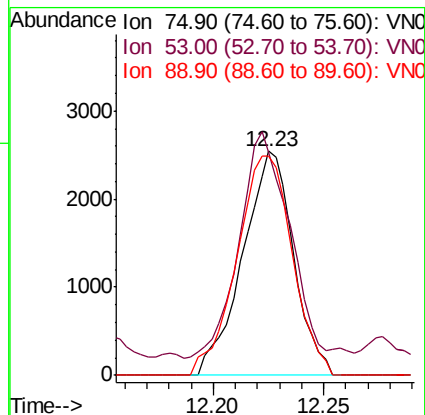
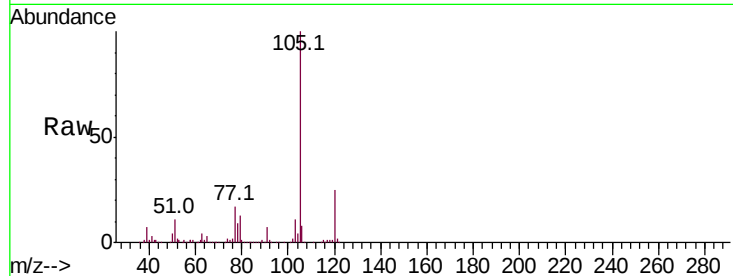
Tot Ion: 75 Resp: 4030

Ion Ratio Lower Upper

75 100

53 108.1 85.7 128.5

89 107.7 38.0 57.0#



#82

4-Chlorotoluene

Concen: 86.876 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.18 min

Lab File: VN063731.D

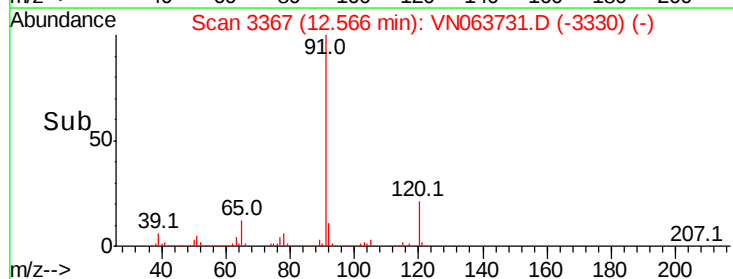
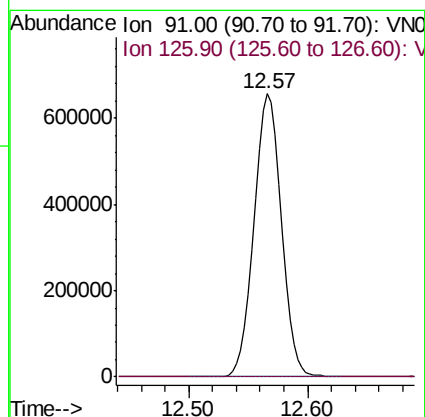
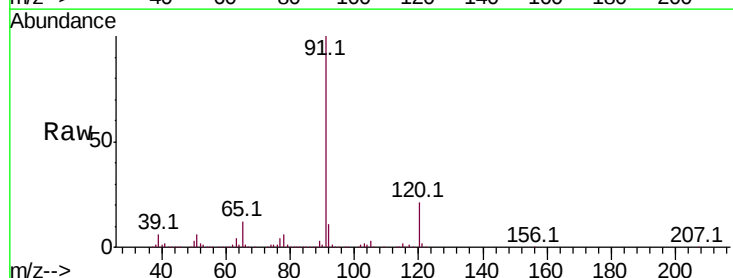
Acq: 29 Sep 2020 17:04

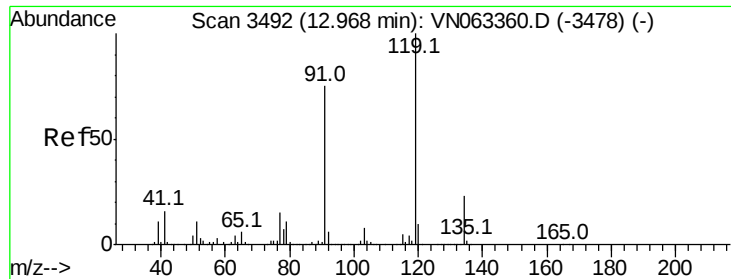
Tgt Ion: 91 Resp: 1047161

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#





#83

tert-Butylbenzene

Concen: 0.235 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

TP-5DL

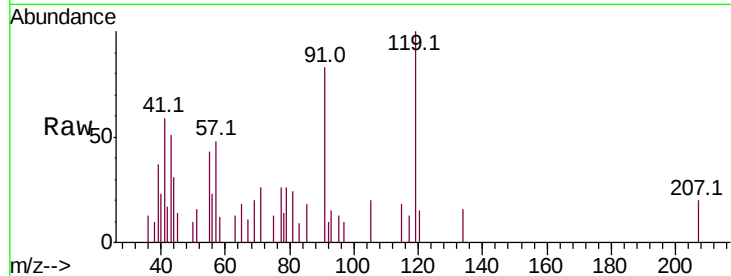
Tot Ion:119 Resp: 2647

Ion Ratio Lower Upper

119 100

91 70.5 36.3 108.9

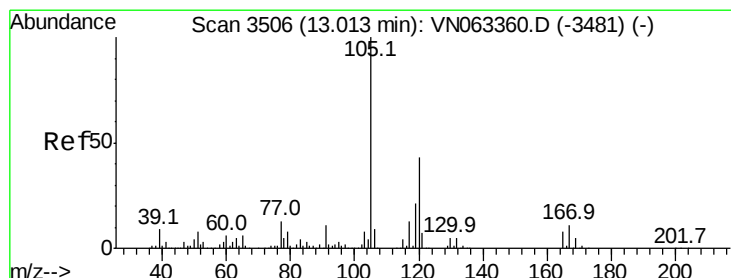
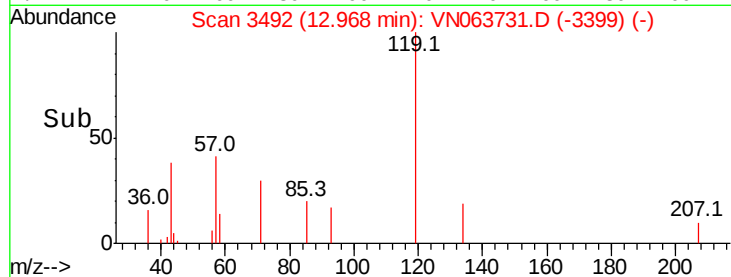
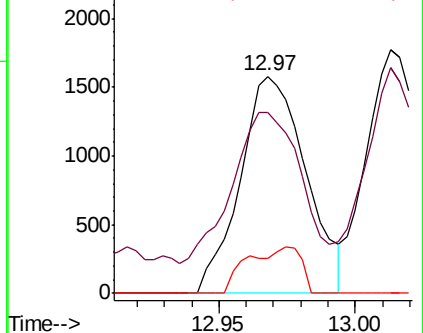
134 17.4 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.613 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063731.D

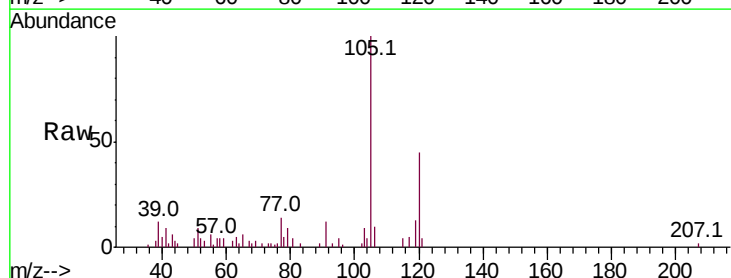
Acq: 29 Sep 2020 17:04

Tgt Ion:105 Resp: 22202

Ion Ratio Lower Upper

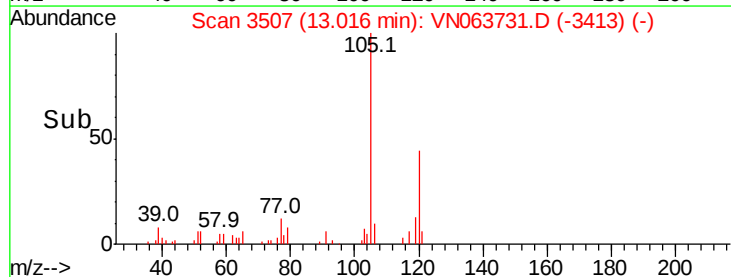
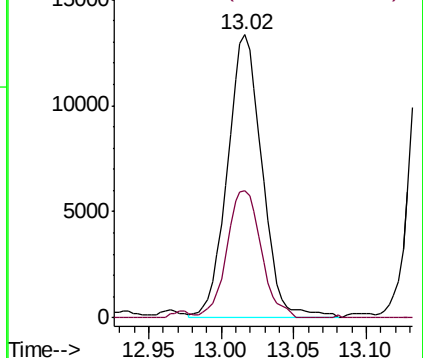
105 100

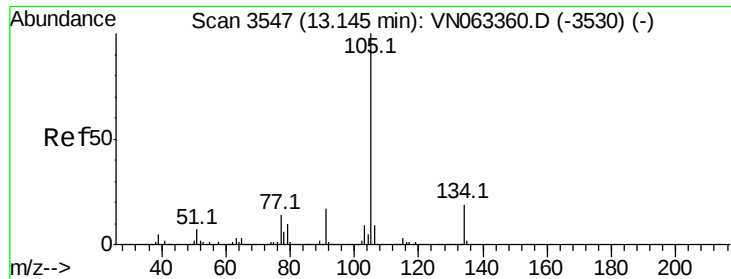
120 44.4 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.957 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

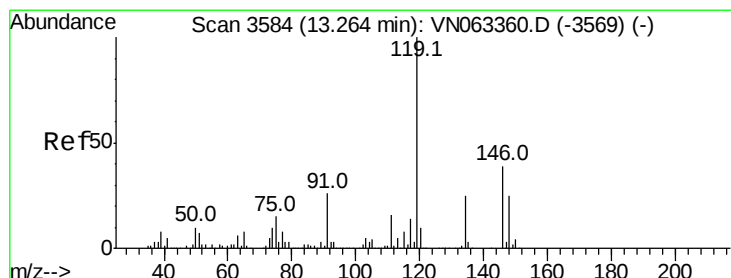
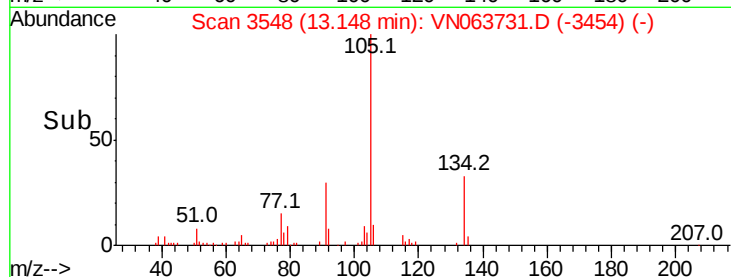
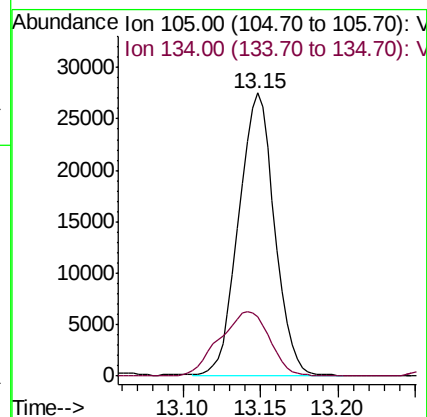
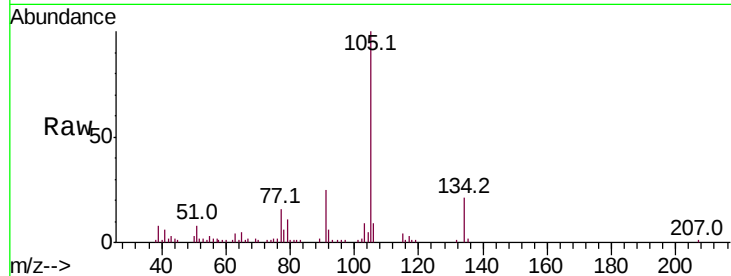
TP-5DL

Tot Ion:105 Resp: 44506

Ion Ratio Lower Upper

105 100

134 31.7 9.3 27.7#



#86

p-Isopropyltoluene

Concen: 0.392 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

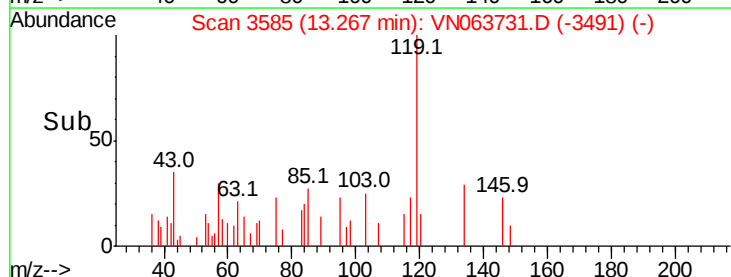
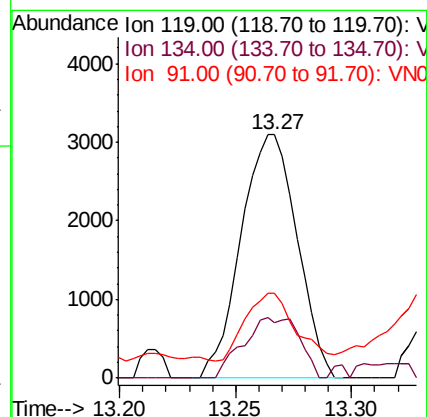
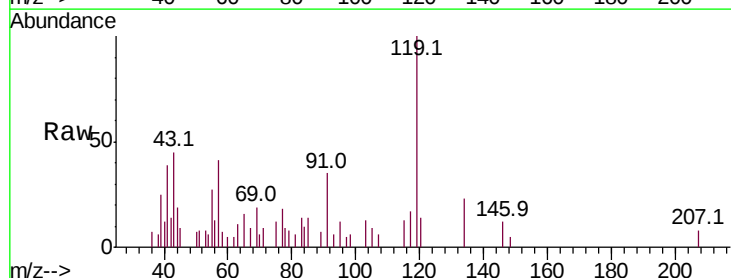
Tgt Ion:119 Resp: 5204

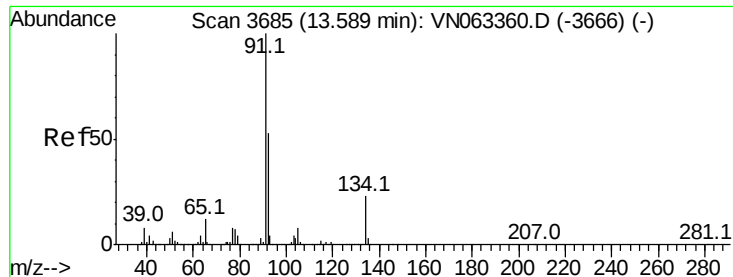
Ion Ratio Lower Upper

119 100

134 0.0 12.5 37.5#

91 0.0 13.4 40.1#

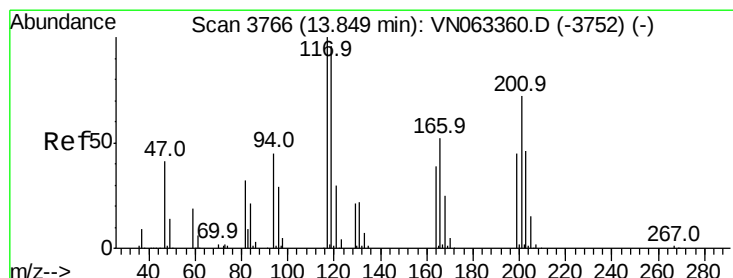
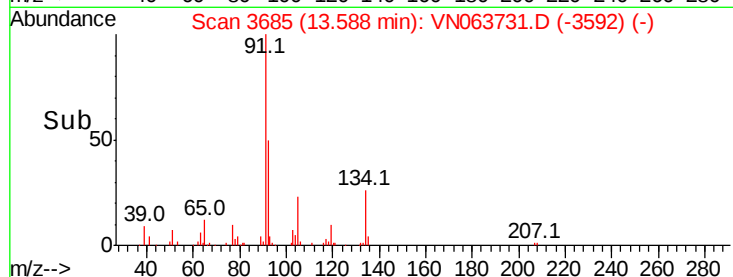
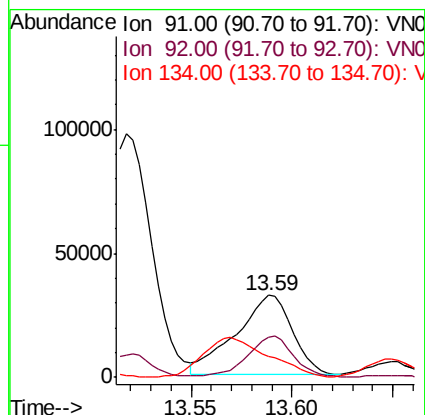
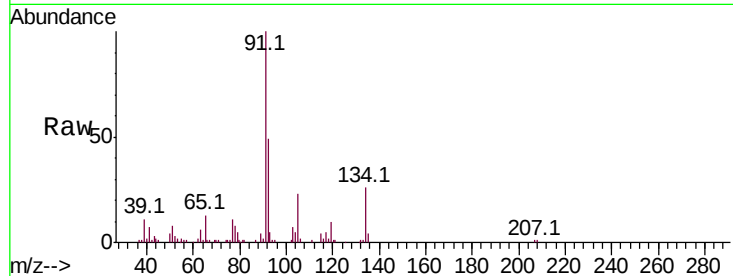




#89
n-Butylbenzene
Concen: 5.075 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

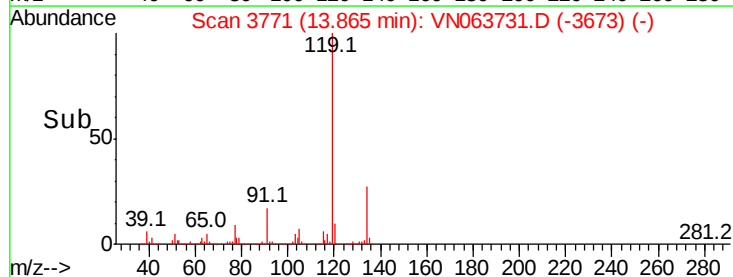
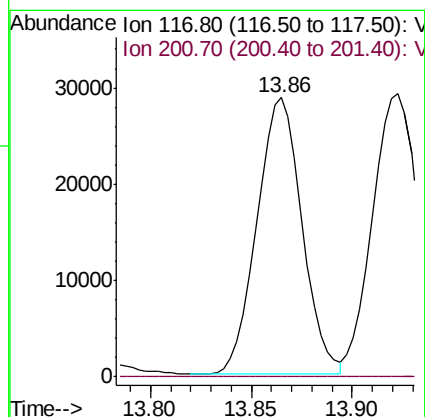
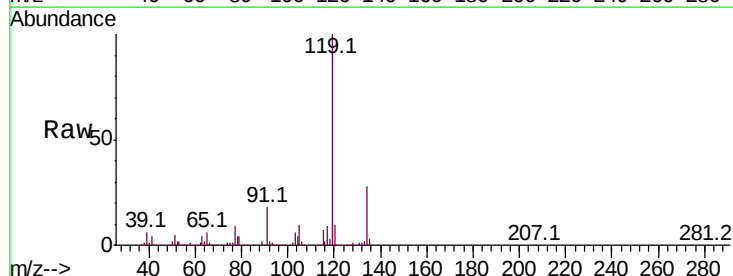
Instrument :
MSVOA_N
ClientSampleId :
TP-5DL

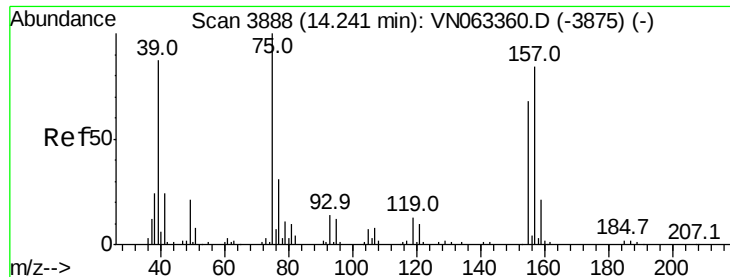
Tot Ion	Ratio	Lower	Upper
91	100		
92	43.3	26.0	78.0
134	0.0	11.7	35.0#



#90
Hexachloroethane
Concen: 17.702 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.5	106.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.506 ug/l

RT: 14.23 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

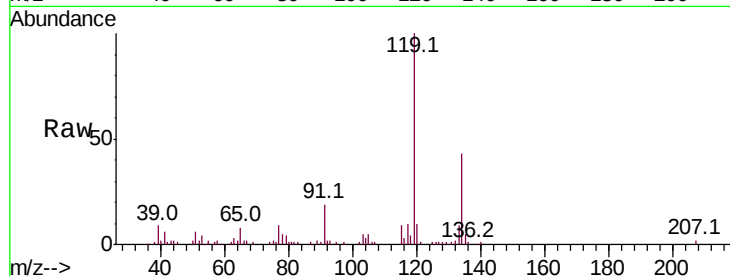
Tot Ion: 75 Resp: 609

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

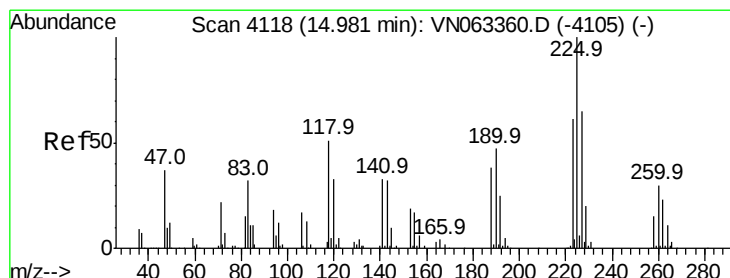
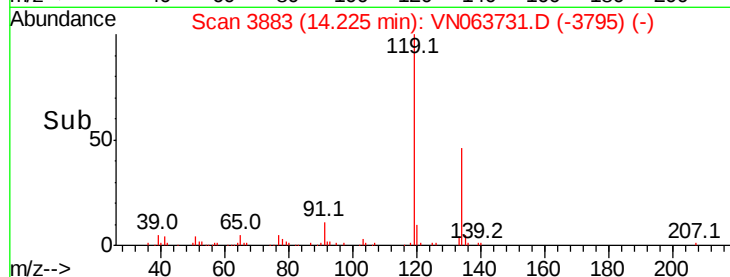
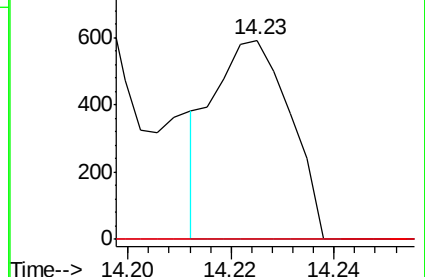
157 0.0 43.7 131.1#



Abundance Ion 74.90 (74.60 to 75.60): VN063731.D (-3875) (-)

Ion 154.80 (154.50 to 155.50): VN063731.D (-3875) (-)

Ion 156.80 (156.50 to 157.50): VN063731.D (-3875) (-)



#94

Hexachlorobutadiene

Concen: 0.205 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

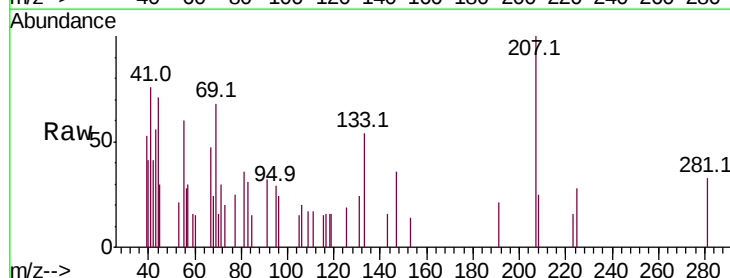
Tgt Ion: 225 Resp: 335

Ion Ratio Lower Upper

225 100

223 40.3 30.6 91.6

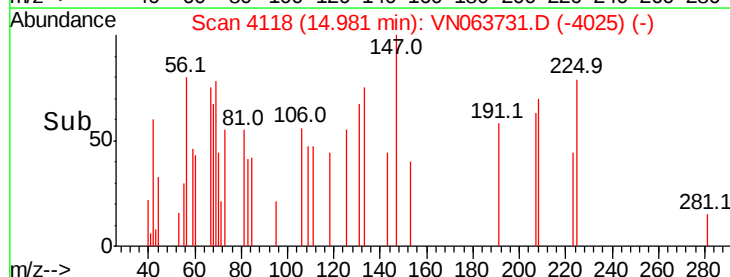
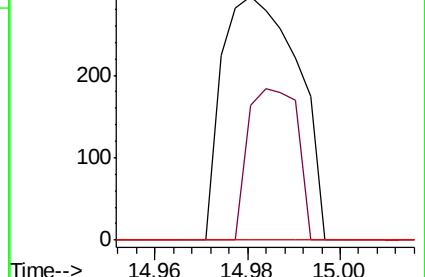
227 0.0 31.2 93.6#

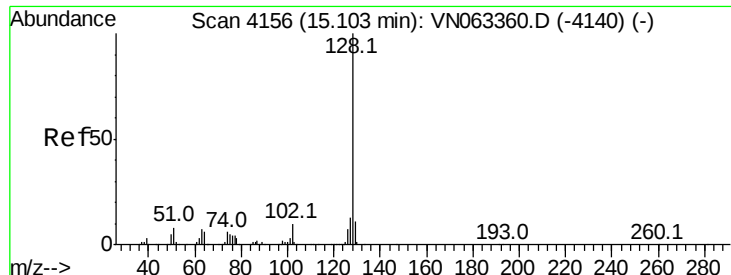


Abundance Ion 224.70 (224.40 to 225.40): VN063731.D (-4025) (-)

Ion 222.70 (222.40 to 223.40): VN063731.D (-4025) (-)

Ion 226.70 (226.40 to 227.40): VN063731.D (-4025) (-)





#95

Naphthalene

Concen: 14.164 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

TP-5DL

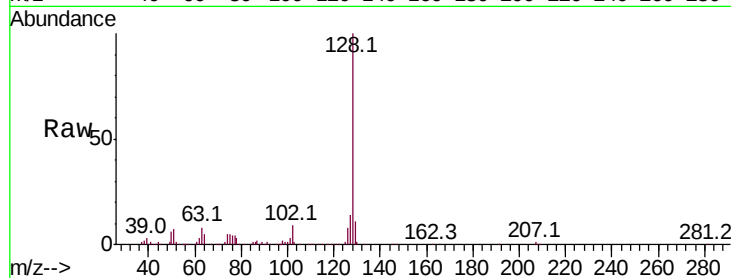
Tot Ion:128 Resp: 184511

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

