

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063994.D
 Acq On : 8 Oct 2020 16:30
 Operator : JC/MD
 Sample : L4255-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ125-20200930

Quant Time: Oct 09 04:04:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	250620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179154	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	207908	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	7.55	113	155813	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.06	98	582075	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.38	95	214679	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	

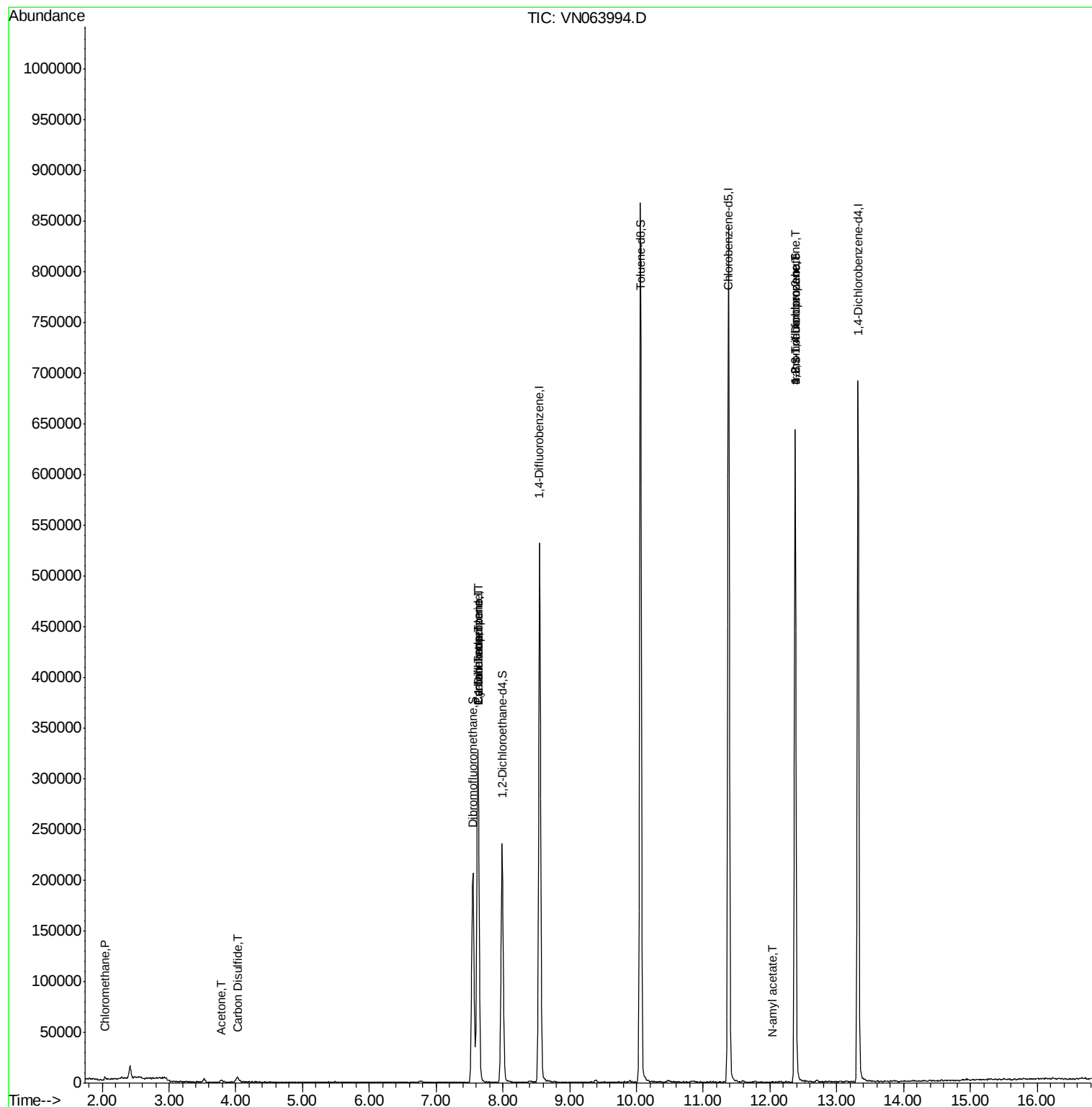
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2507	0.808	ug/l #	85
16) Acetone	3.78	43	4149	3.255	ug/l #	79
17) Carbon Disulfide	4.02	76	340	0.750	ug/l #	76
31) Cyclohexane	7.63	56	6616	1.376	ug/l #	31
36) 1,1-Dichloropropene	7.62	75	21630	4.772	ug/l #	50
38) Carbon Tetrachloride	7.63	117	27052	5.322	ug/l #	14
74) N-amyl acetate	12.03	43	134	2.237	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	116710	29.552	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	116710	85.115	ug/l #	6

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063994.D

Acq: 8 Oct 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

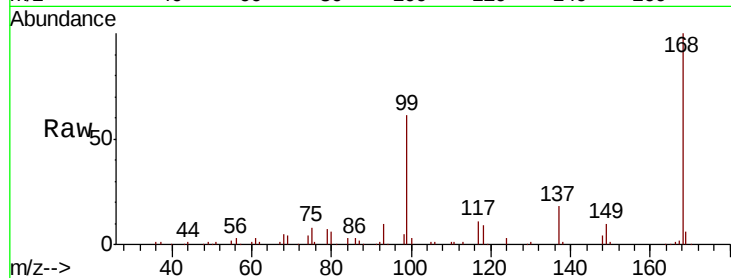
SA-PZ125-20200930

Tot Ion:168 Resp: 250620

Ion Ratio Lower Upper

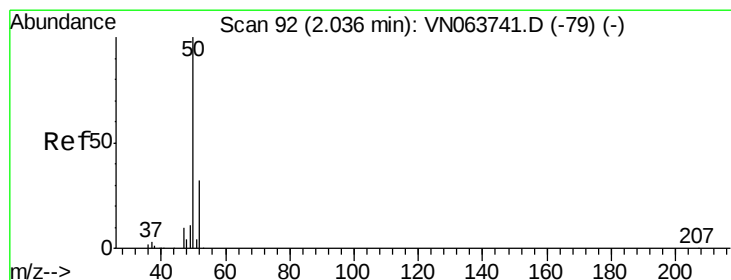
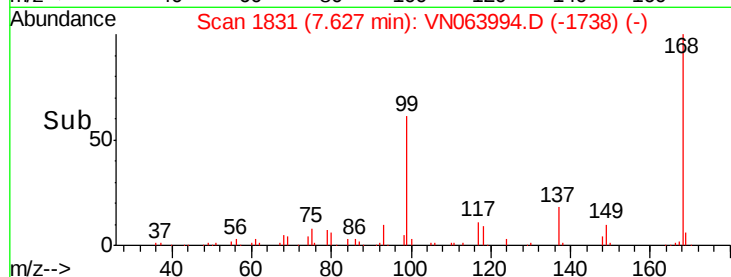
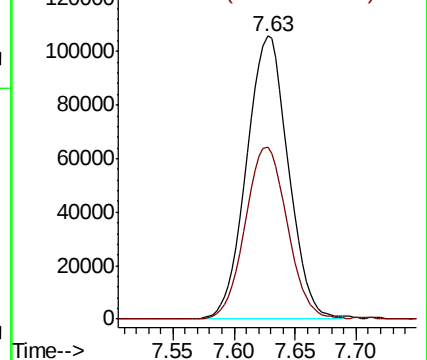
168 100

99 60.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.808 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063994.D

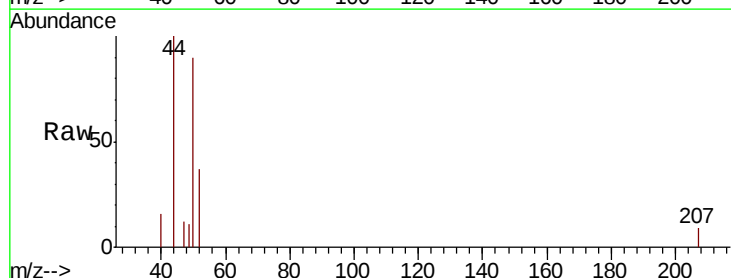
Acq: 8 Oct 2020 16:30

Tgt Ion: 50 Resp: 2507

Ion Ratio Lower Upper

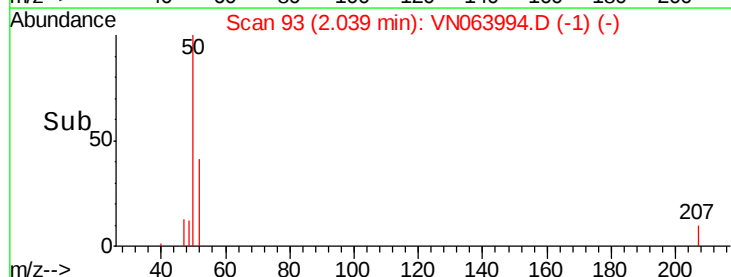
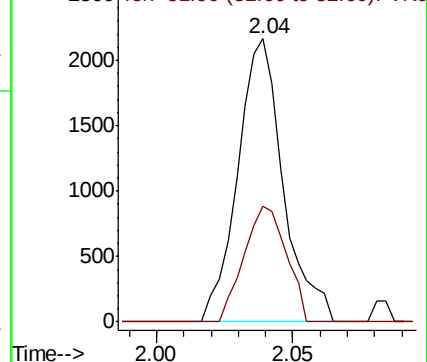
50 100

52 40.8 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#16

Acetone

Concen: 3.255 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063994.D

Acq: 8 Oct 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

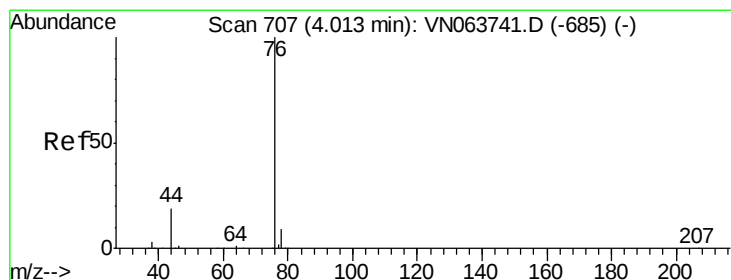
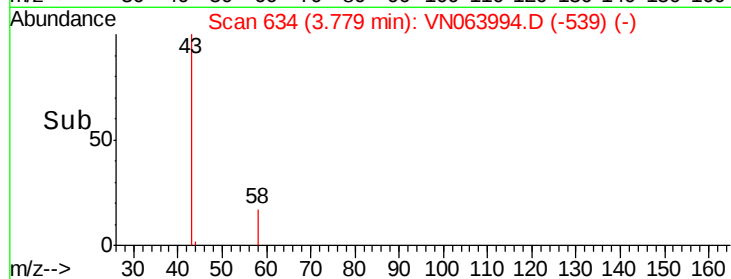
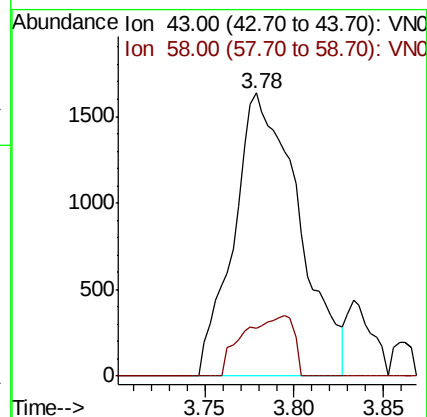
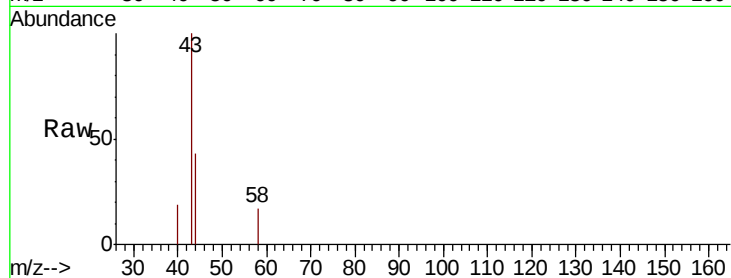
SA-PZ125-20200930

Tot Ion: 43 Resp: 4149

Ion Ratio Lower Upper

43 100

58 17.1 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.750 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063994.D

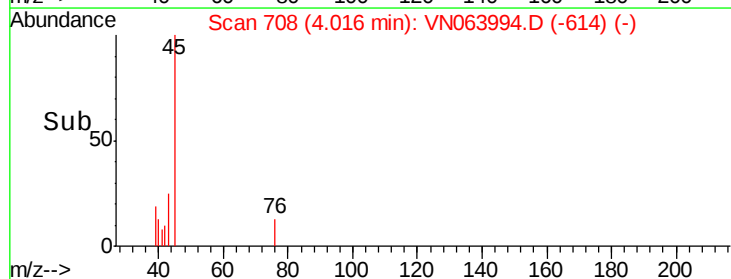
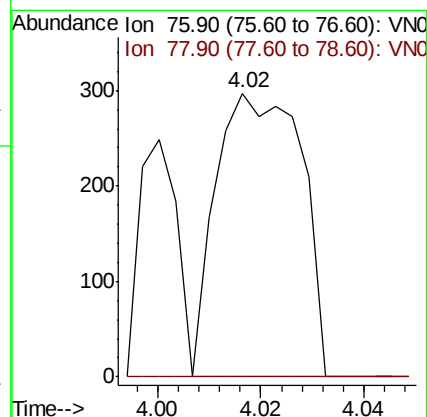
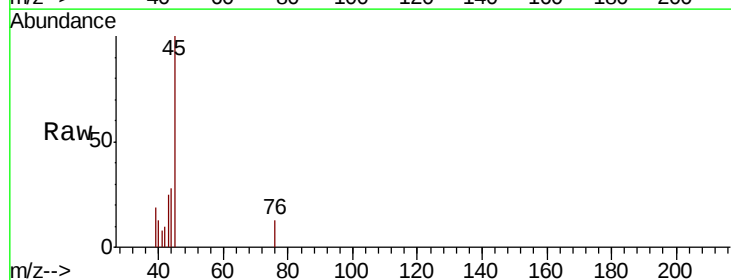
Acq: 8 Oct 2020 16:30

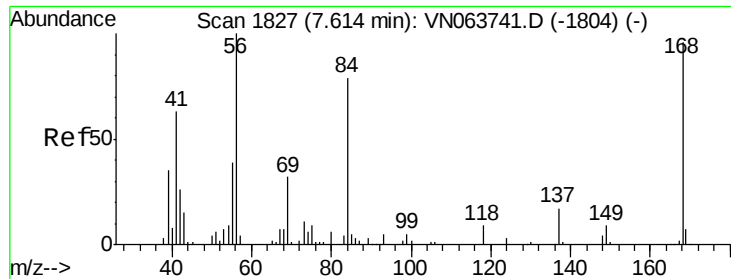
Tgt Ion: 76 Resp: 340

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#

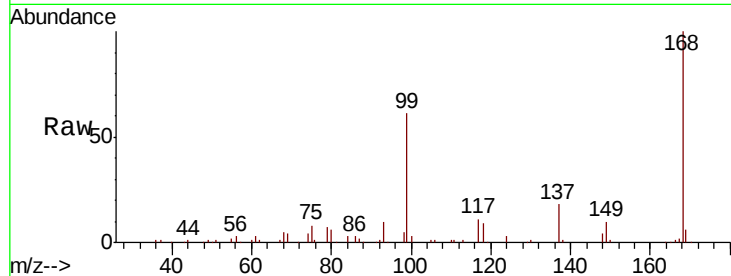




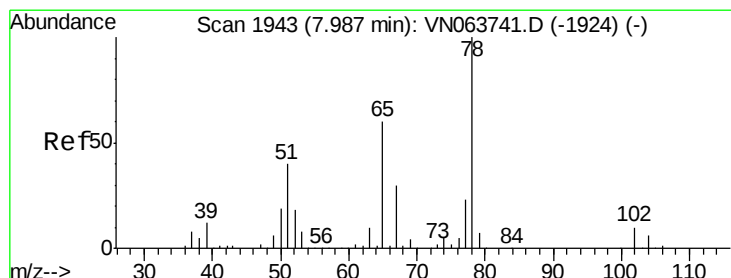
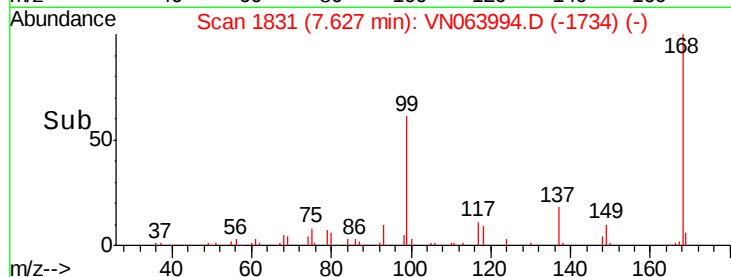
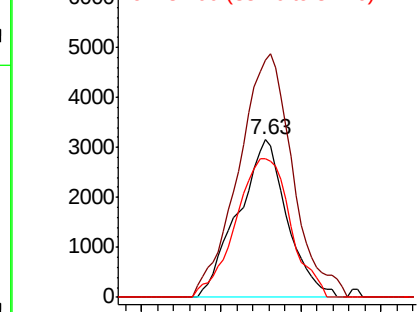
#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063994.D
Acq: 8 Oct 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ125-20200930

Tot Ion: 56 Resp: 6616
Ion Ratio Lower Upper
56 100
69 150.8 25.4 38.2#
84 88.3 63.3 94.9

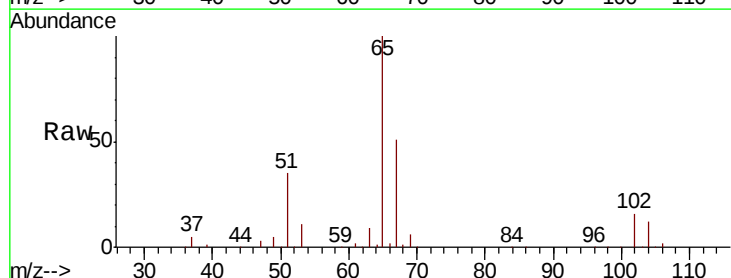


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

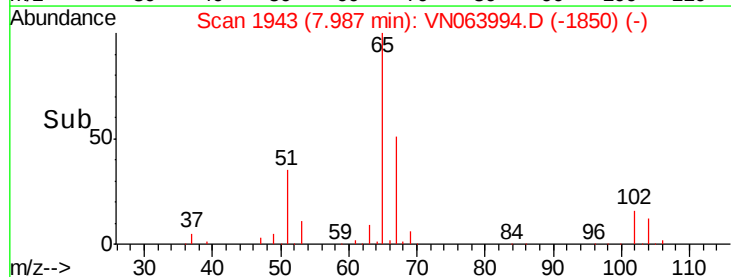
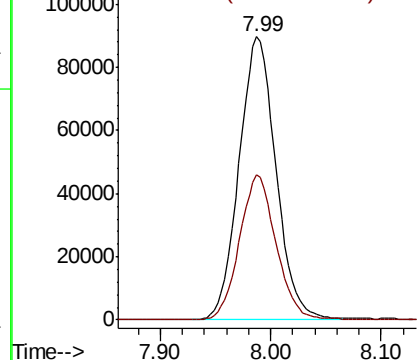


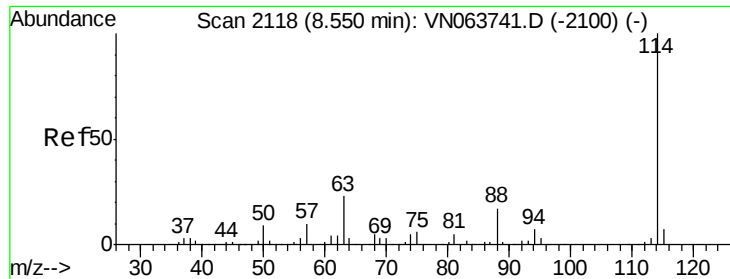
#33
1,2-Dichloroethane-d4
Concen: 50.214 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063994.D
Acq: 8 Oct 2020 16:30

Tgt Ion: 65 Resp: 207908
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

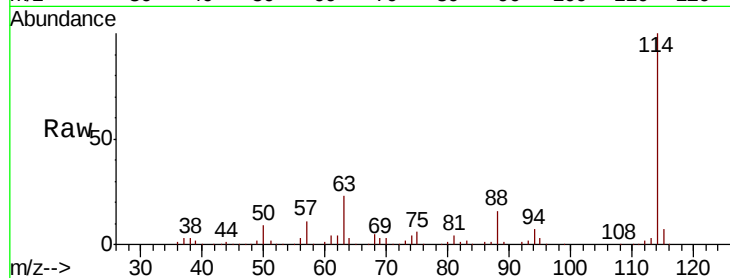




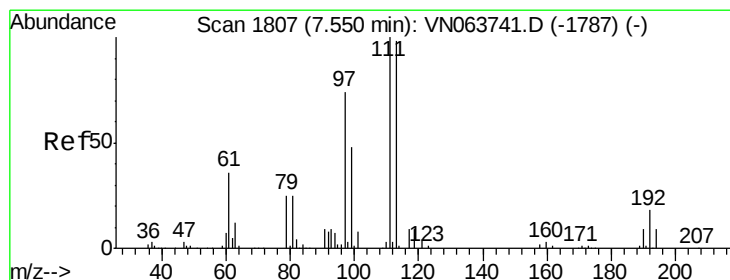
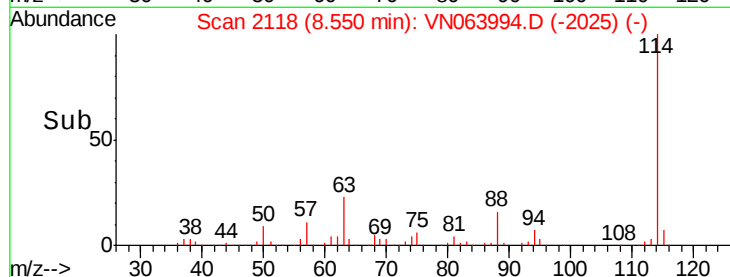
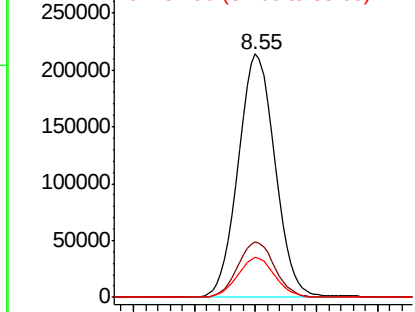
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063994.D
Acq: 8 Oct 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ125-20200930

Tot Ion:114 Resp: 447421
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.3 0.0 34.0

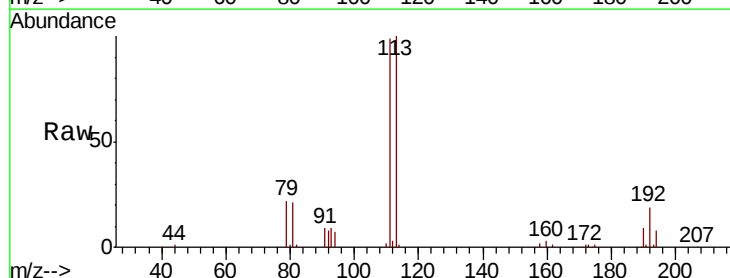


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

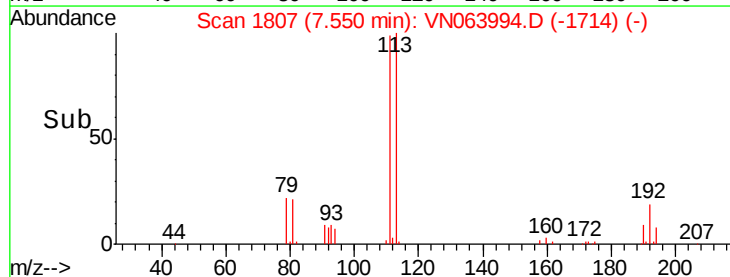
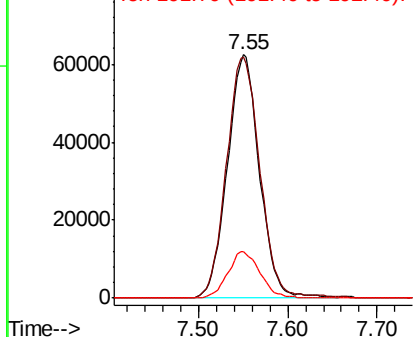


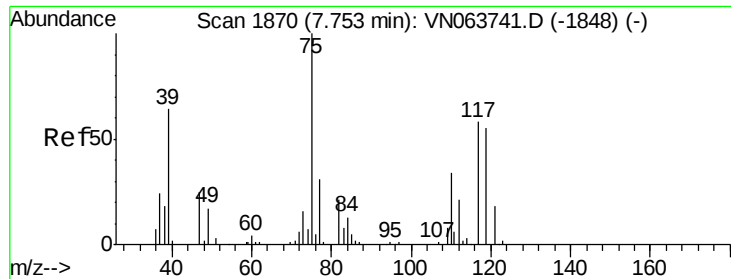
#35
Dibromofluoromethane
Concen: 50.189 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063994.D
Acq: 8 Oct 2020 16:30

Tgt Ion:113 Resp: 155813
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 19.1 14.2 21.2



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

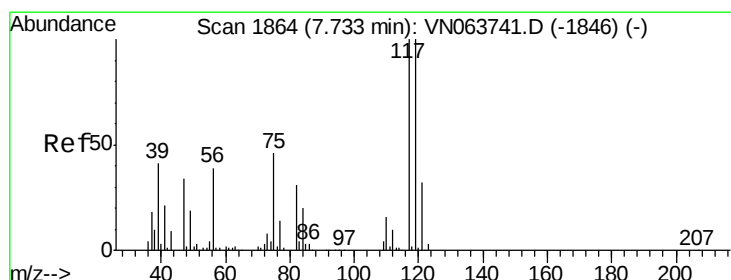
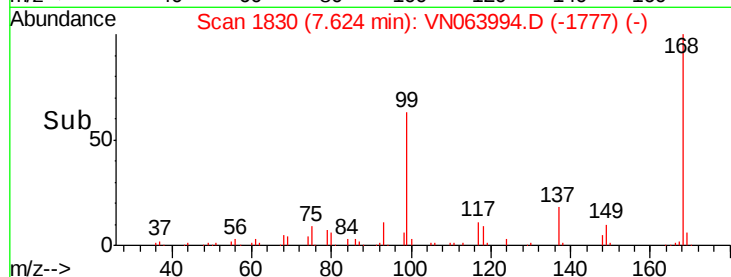
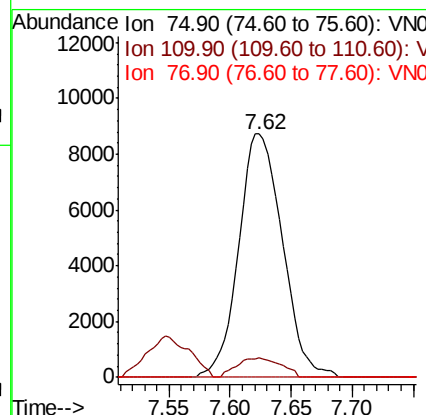
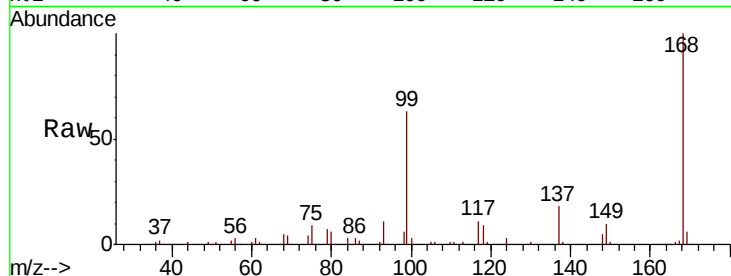




#36
 1,1-Dichloropropene
 Concen: 4.772 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063994.D
 Acq: 8 Oct 2020 16:30

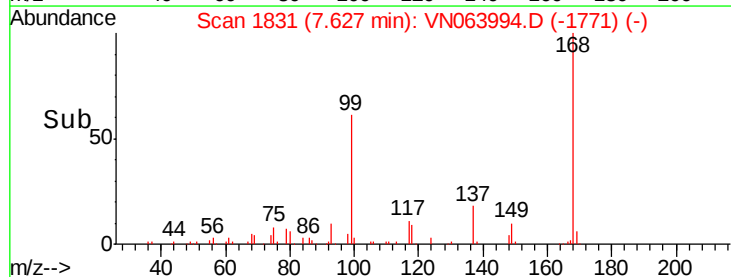
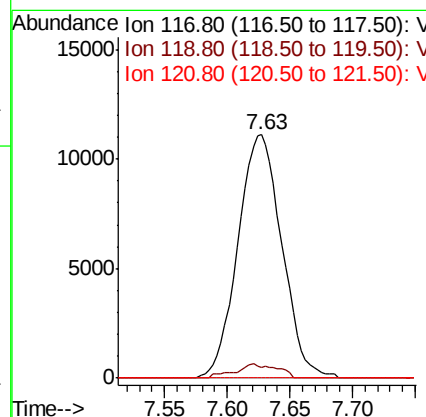
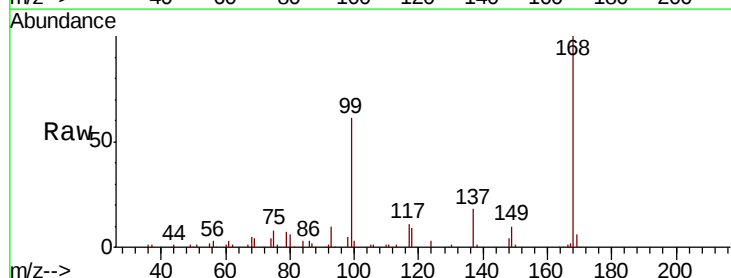
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 ClientSampleId :
 SA-PZ125-20200930

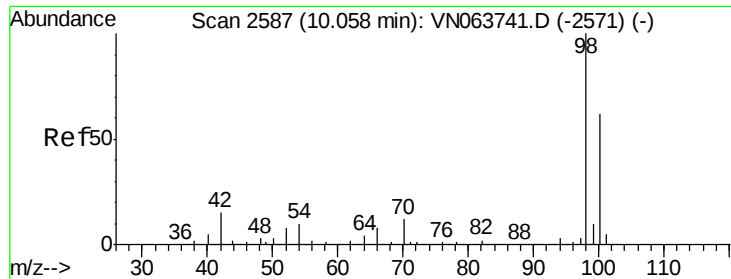
Tot Ion	75	Resp	21630
Ion Ratio	100	Lower	Upper
75	100		
110	8.0	16.9	50.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 5.322 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063994.D
 Acq: 8 Oct 2020 16:30

Tgt Ion	117	Resp	27052
Ion Ratio	100	Lower	Upper
117	100		
119	4.6	80.1	120.1#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 49.458 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063994.D

Acq: 8 Oct 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

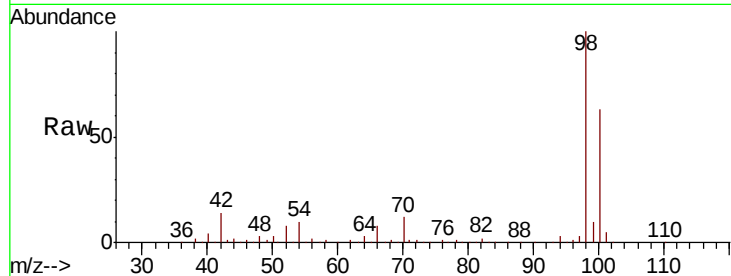
SA-PZ125-20200930

Tot Ion: 98 Resp: 582075

Ion Ratio Lower Upper

98 100

100 63.9 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

300000

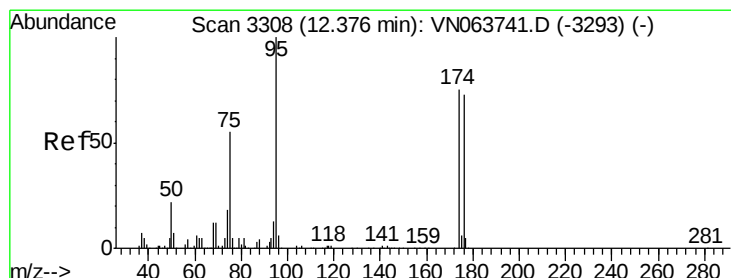
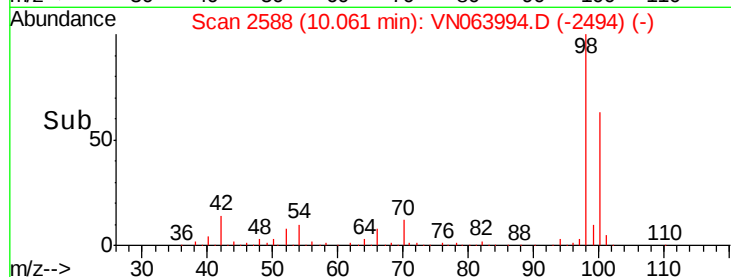
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 48.525 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063994.D

Acq: 8 Oct 2020 16:30

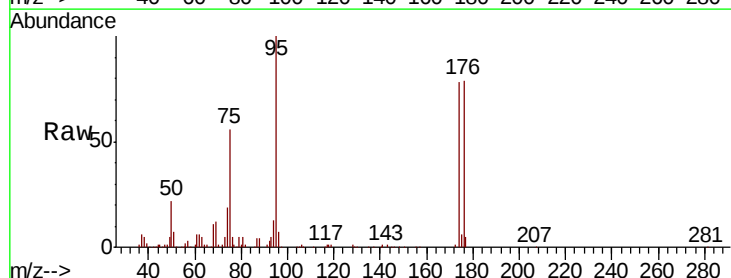
Tgt Ion: 95 Resp: 214679

Ion Ratio Lower Upper

95 100

174 78.0 0.0 150.6

176 75.9 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

150000

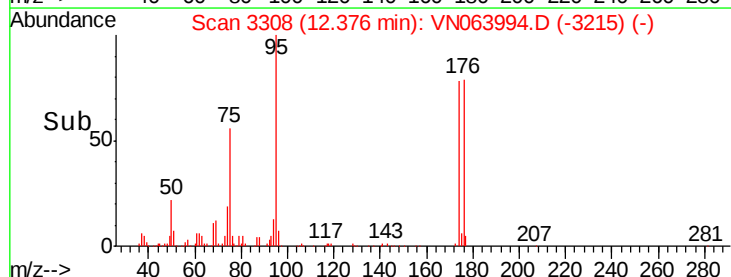
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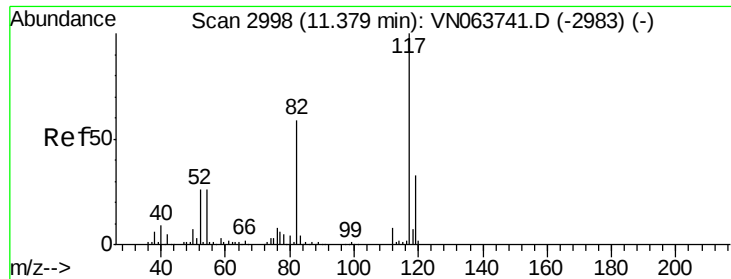
50000

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Time-->

12.30 12.35 12.40 12.45

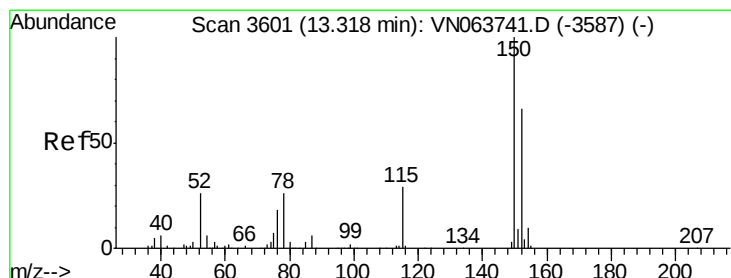
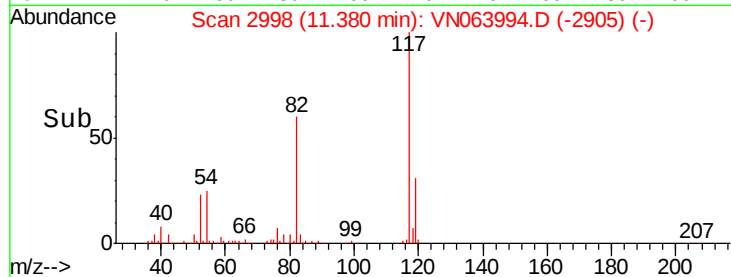
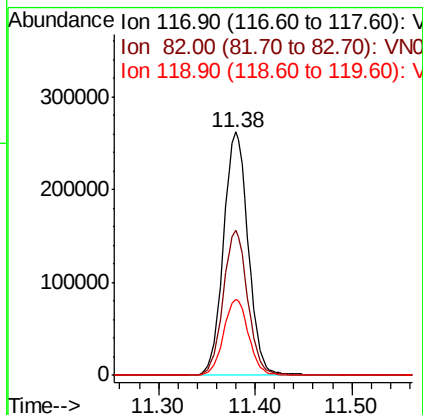
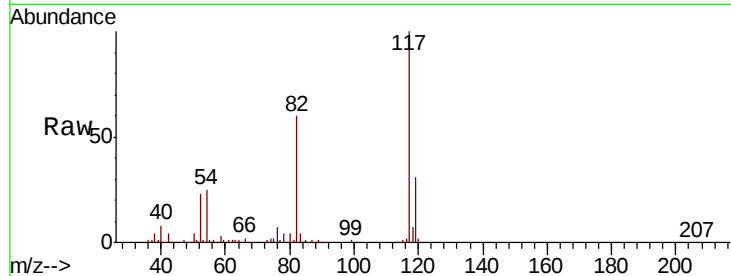




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063994.D
Acq: 8 Oct 2020 16:30

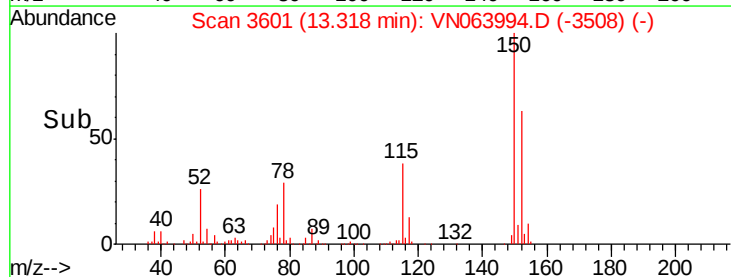
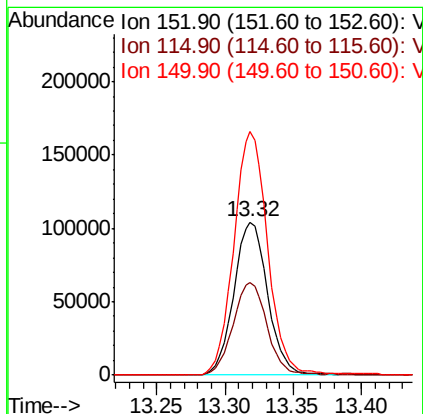
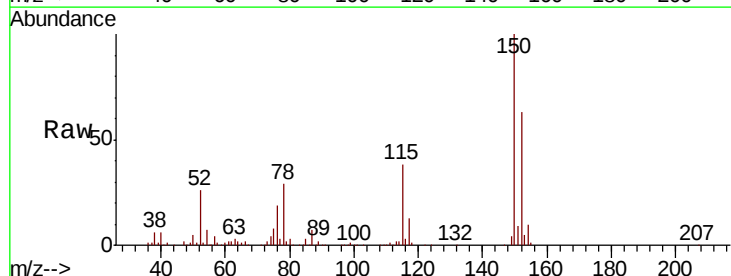
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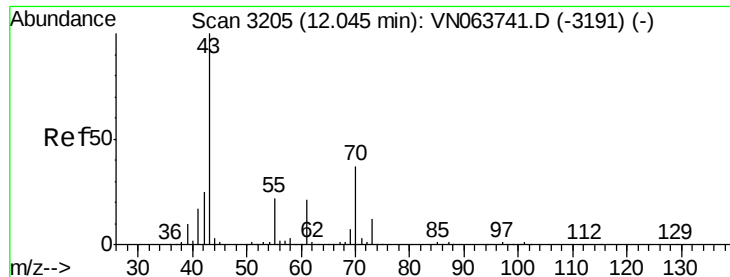
Tot Ion:117 Resp: 465266
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063994.D
Acq: 8 Oct 2020 16:30

Tgt Ion:152 Resp: 179154
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 158.4 0.0 341.8





#74

N-amvl acetate

Concen: 2.237 ug/l

RT: 12.03 min Scan# 3200

Delta R.T. -0.02 min

Lab File: VN063994.D

Acq: 8 Oct 2020 16:30

Instrument :

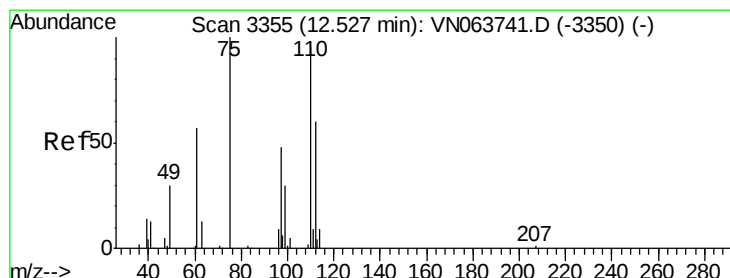
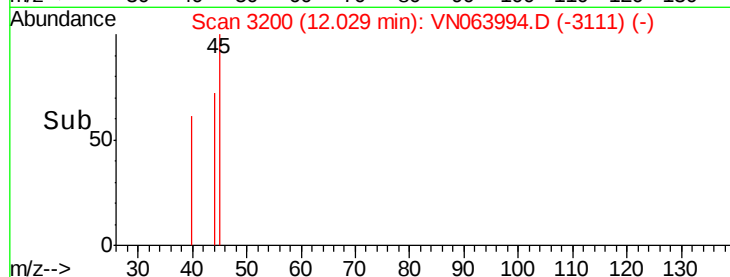
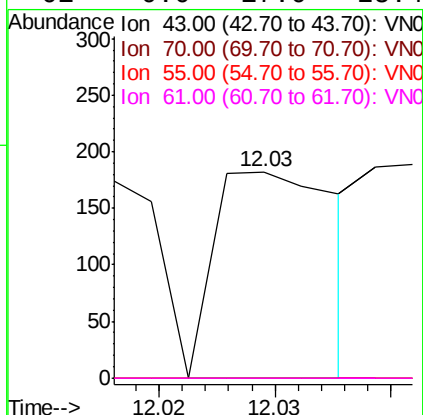
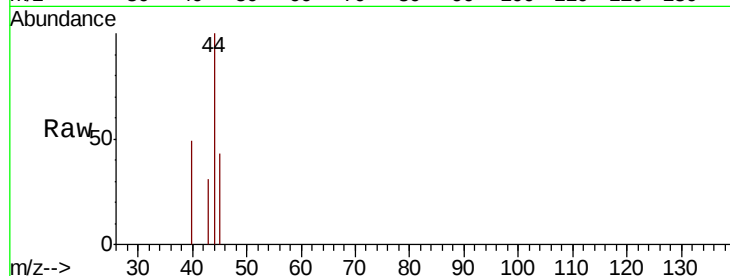
MSVOA_N

ClientSampleId :

SA-PZ125-20200930

Tot Ion: 43 Resp: 134

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	0.0	17.9	26.9#
61	0.0	17.0	25.4#



#76

1,2,3-Trichloropropane

Concen: 29.552 ug/l

RT: 12.38 min Scan# 3308

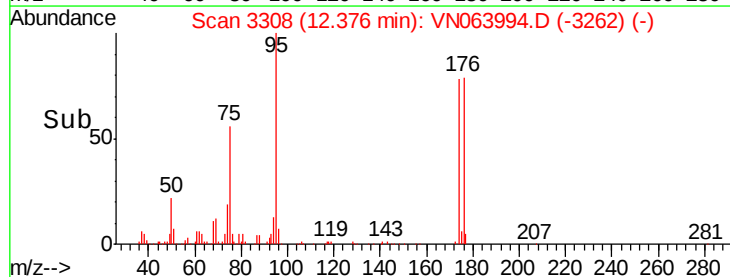
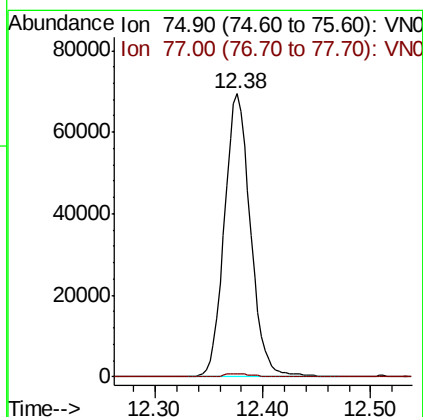
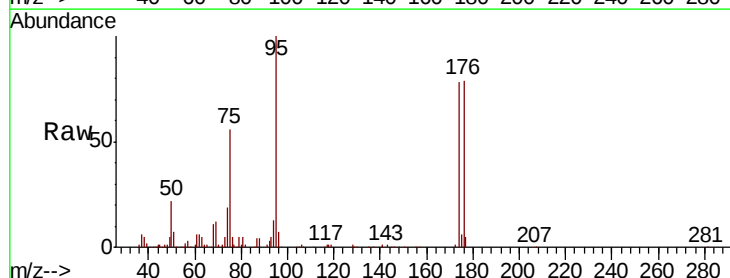
Delta R.T. -0.15 min

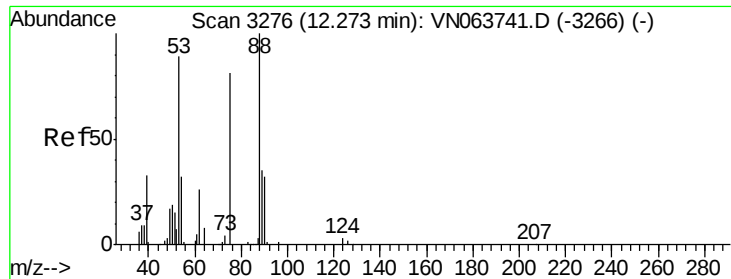
Lab File: VN063994.D

Acq: 8 Oct 2020 16:30

Tgt Ion: 75 Resp: 116710

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 85.115 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063994.D

Acq: 8 Oct 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ125-20200930

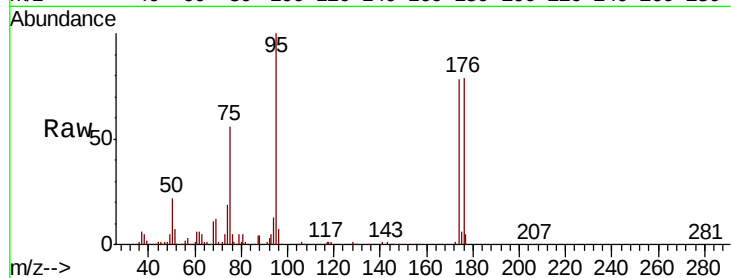
Tot Ion: 75 Resp: 116710

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

