

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063605.D
 Acq On : 23 Sep 2020 21:42
 Operator : JC/MD
 Sample : L4082-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Quant Time: Sep 24 02:38:47 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	7.63	168	244019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	402961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205062	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.55	113	144296	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.06	98	542405	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	206385	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	121908	44.097	ug/l	100
3) Chloromethane	2.04	50	151711	41.483	ug/l	100
4) Vinyl Chloride	2.16	62	147352	45.477	ug/l	97
5) Bromomethane	2.53	94	95714	49.752	ug/l	99
6) Chloroethane	2.67	64	95927	48.230	ug/l	93
7) Trichlorofluoromethane	2.98	101	239594	49.561	ug/l	99
8) Diethyl Ether	3.38	74	87771	46.574	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135913	49.992	ug/l	99
10) Methyl Iodide	3.91	142	163509	46.194	ug/l	99
11) Tert butyl alcohol	4.73	59	124791	216.856	ug/l	99
12) 1,1-Dichloroethene	3.70	96	126816	46.053	ug/l	96
13) Acrolein	3.57	56	65058	305.071	ug/l	96
14) Allyl chloride	4.28	41	238201	43.731	ug/l	96
15) Acrylonitrile	4.93	53	349811	238.980	ug/l	98
16) Acetone	3.78	43	326945	244.907	ug/l	100
17) Carbon Disulfide	4.01	76	337283	42.108	ug/l	99
18) Methyl Acetate	4.28	43	153393	45.262	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	476784	46.455	ug/l	99
20) Methylene Chloride	4.51	84	150531	44.505	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	138851	45.511	ug/l	94
22) Diisopropyl ether	5.90	45	501727	45.165	ug/l	99
23) Vinyl Acetate	5.84	43	1930268	211.573	ug/l	99
24) 1,1-Dichloroethane	5.80	63	281322	46.385	ug/l	98
25) 2-Butanone	6.78	43	481694	234.610	ug/l	98
26) 2,2-Dichloropropane	6.78	77	195416	36.596	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	178864	51.796	ug/l	96
28) Bromochloromethane	7.15	49	137914	49.249	ug/l	99
29) Tetrahydrofuran	7.16	42	322591	230.050	ug/l	99
30) Chloroform	7.33	83	301557	49.558	ug/l	99
31) Cyclohexane	7.61	56	226372	39.459	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	264742	48.917	ug/l	99
36) 1,1-Dichloropropene	7.76	75	209030	45.195	ug/l	99
37) Ethyl Acetate	6.88	43	188878	41.610	ug/l	99
38) Carbon Tetrachloride	7.74	117	222438	47.114	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063605.D
 Acq On : 23 Sep 2020 21:42
 Operator : JC/MD
 Sample : L4082-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Quant Time: Sep 24 02:38:47 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)
39) Methylcyclohexane	9.05	83	200977	40.038	ug/l	99
40) Benzene	8.00	78	607940	46.046	ug/l	97
41) Methacrylonitrile	7.16	41	310180	151.930	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	253545	47.753	ug/l	100
43) Isopropyl Acetate	8.13	43	343138	42.276	ug/l #	89
44) Trichloroethene	8.80	130	815882	254.781	ug/l	100
45) 1,2-Dichloropropane	9.08	63	166097	46.191	ug/l	99
46) Dibromomethane	9.18	93	113813	48.156	ug/l	100
47) Bromodichloromethane	9.37	83	236113	48.089	ug/l	100
48) Methyl methacrylate	9.17	41	183931	46.123	ug/l	98
49) 1,4-Dioxane	9.17	88	51463	899.274	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1083032	238.342	ug/l	99
52) Toluene	10.13	92	378380	47.667	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	245483	44.785	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	254061	43.942	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	155624	49.357	ug/l	96
56) Ethyl methacrylate	10.40	69	229104	46.545	ug/l	98
57) 1,3-Dichloropropane	10.68	76	260983	45.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	1608	0.623	ug/l #	51
59) 2-Hexanone	10.72	43	793758	241.116	ug/l	100
60) Dibromochloromethane	10.87	129	171007	48.008	ug/l	99
61) 1,2-Dibromoethane	10.98	107	157513	48.085	ug/l	98
64) Tetrachloroethene	10.60	164	175478	63.953	ug/l	99
65) Chlorobenzene	11.41	112	399440	46.698	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	154077	49.140	ug/l	98
67) Ethyl Benzene	11.49	91	752008	46.685	ug/l	98
68) m/p-Xylenes	11.59	106	546975	94.179	ug/l	99
69) o-Xylene	11.92	106	265398	47.970	ug/l	98
70) Styrene	11.94	104	456475	49.199	ug/l	99
71) Bromoform	12.10	173	113425	48.558	ug/l #	99
73) Isopropylbenzene	12.23	105	710195	45.184	ug/l	100
74) N-amyl acetate	12.04	43	298981	40.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221170	45.445	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	299951	61.784	ug/l #	100
77) Bromobenzene	12.50	156	167408	47.349	ug/l	98
78) n-propylbenzene	12.57	91	828514	45.257	ug/l	99
79) 2-Chlorotoluene	12.65	91	507521	46.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	605810	46.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	70875	40.024	ug/l	97
82) 4-Chlorotoluene	12.75	91	533392	46.002	ug/l	100
83) tert-Butylbenzene	12.97	119	483669	44.712	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	609675	46.052	ug/l	100
85) sec-Butylbenzene	13.15	105	640124	44.208	ug/l	100
86) p-Isopropyltoluene	13.26	119	573758	44.925	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	306489	46.769	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	307142	46.099	ug/l	99
89) n-Butylbenzene	13.59	91	497551	42.265	ug/l	99
90) Hexachloroethane	13.85	117	103974	42.754	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	306443	47.630	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50810	43.843	ug/l	100

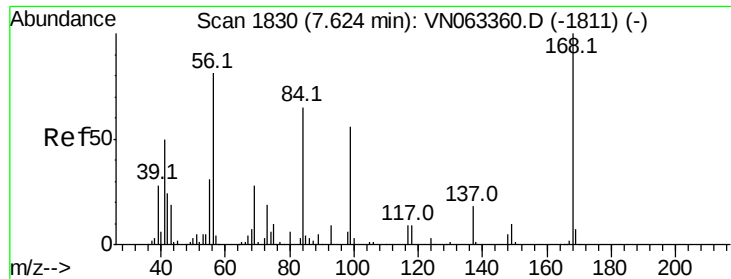
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063605.D
Acq On : 23 Sep 2020 21:42
Operator : JC/MD
Sample : L4082-17MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Quant Time: Sep 24 02:38:47 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)
93) 1,2,4-Trichlorobenzene	14.88	180	162681	42.890	ug/l	99
94) Hexachlorobutadiene	14.98	225	73653	46.906	ug/l	99
95) Naphthalene	15.11	128	536820	42.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	157078	42.861	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

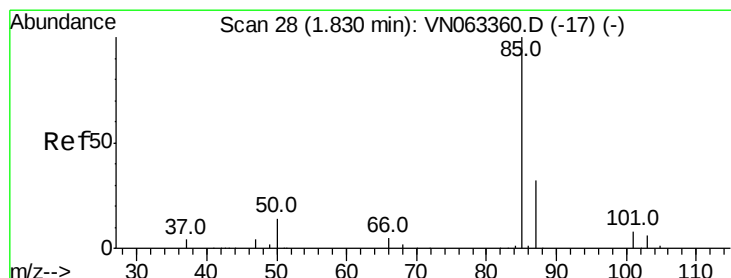
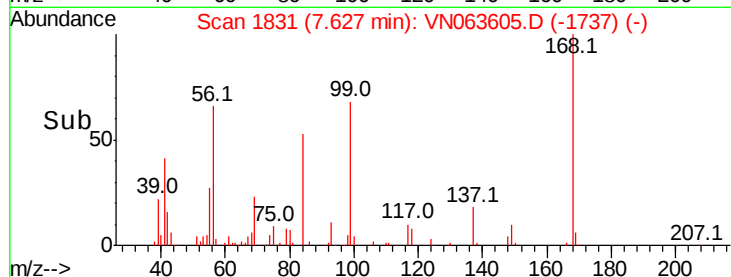
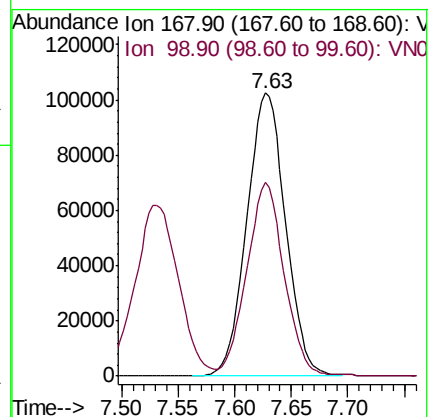
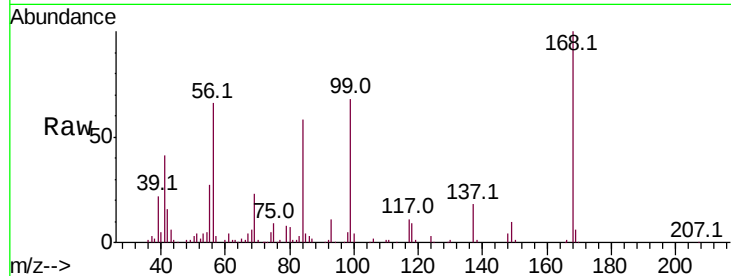
RE131D1-20200916MSD

Tot Ion:168 Resp: 244019

Ion Ratio Lower Upper

168 100

99 67.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 44.097 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063605.D

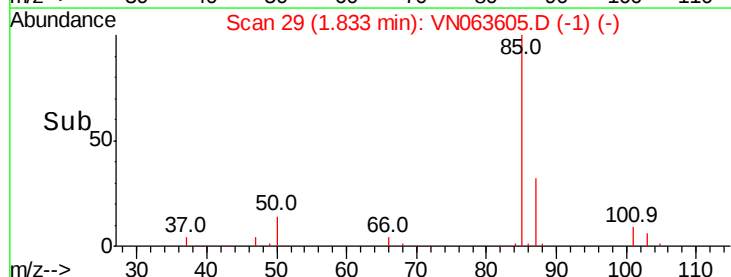
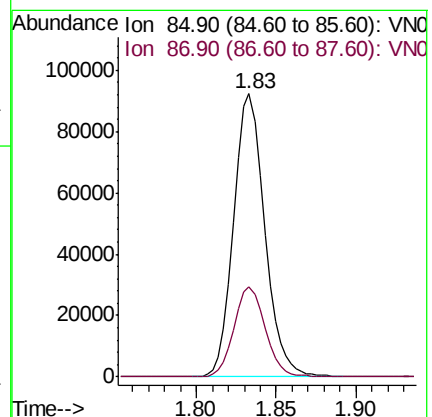
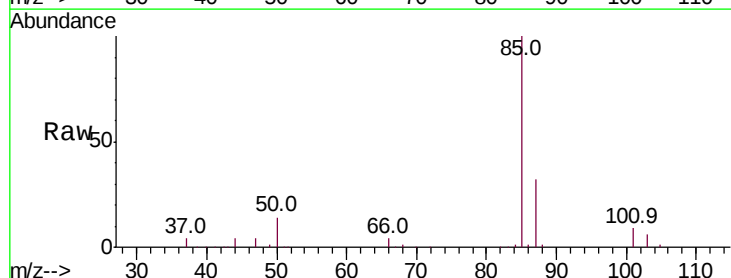
Acq: 23 Sep 2020 21:42

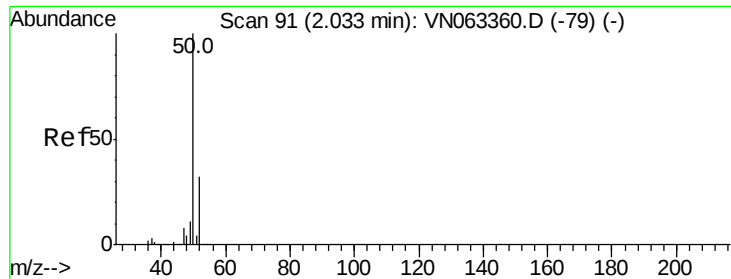
Tgt Ion: 85 Resp: 121908

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.6





#3

Chloromethane

Concen: 41.483 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

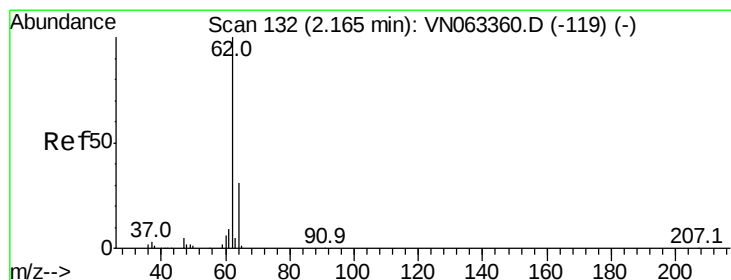
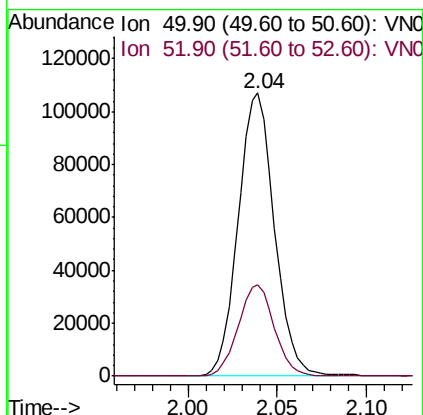
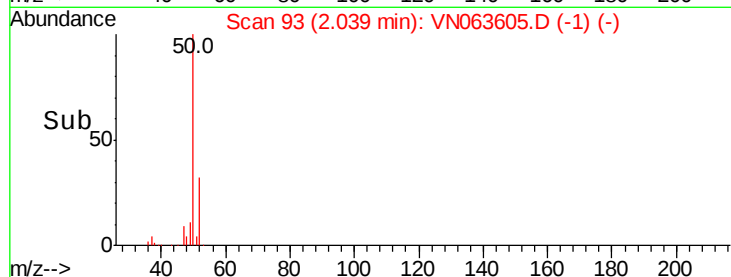
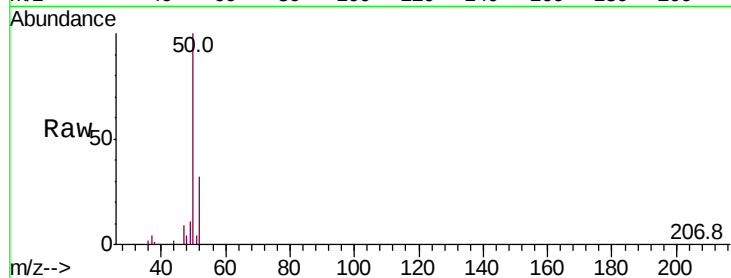
RE131D1-20200916MSD

Tot Ion: 50 Resp: 151711

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



#4

Vinyl Chloride

Concen: 45.477 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063605.D

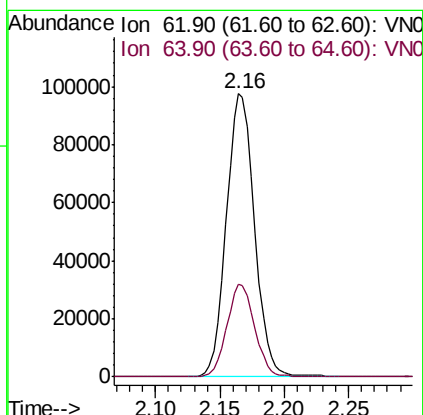
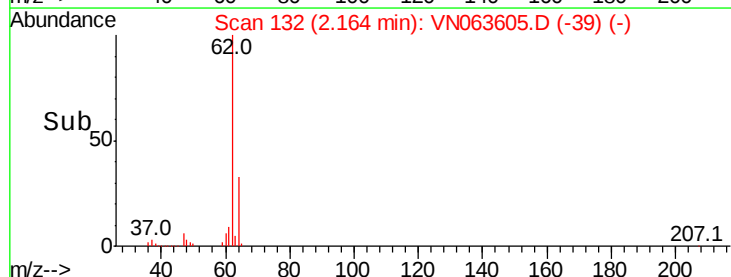
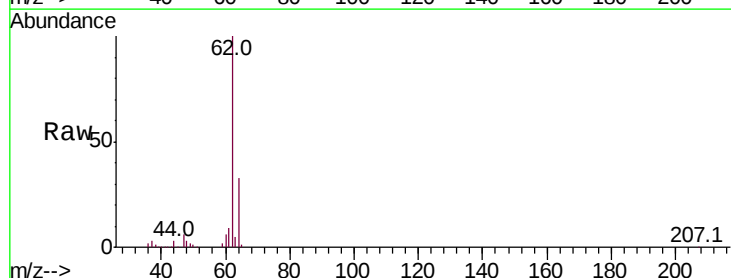
Acq: 23 Sep 2020 21:42

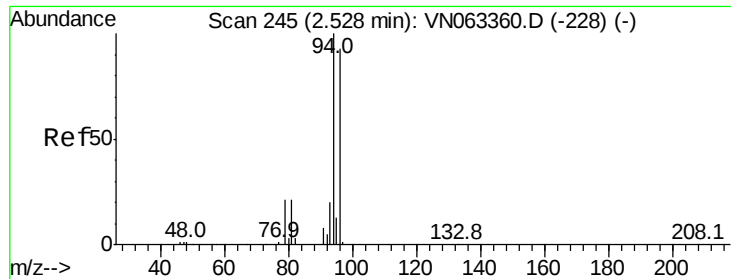
Tgt Ion: 62 Resp: 147352

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 49.752 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

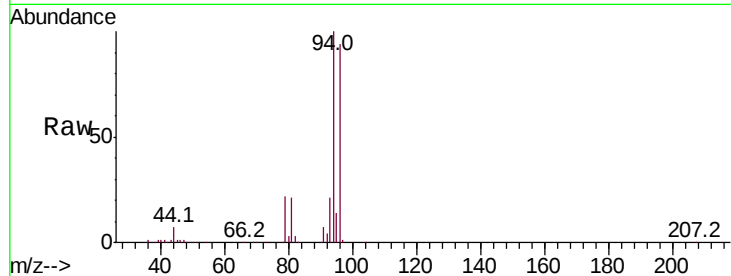
RE131D1-20200916MSD

Tot Ion: 94 Resp: 95714

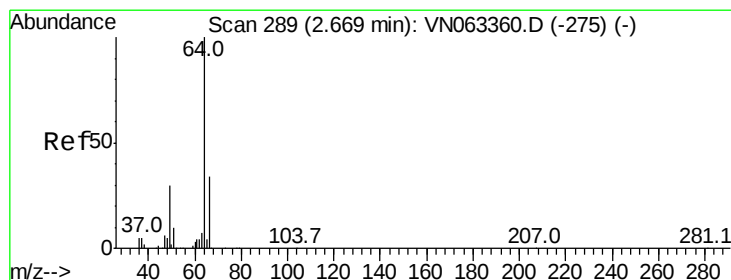
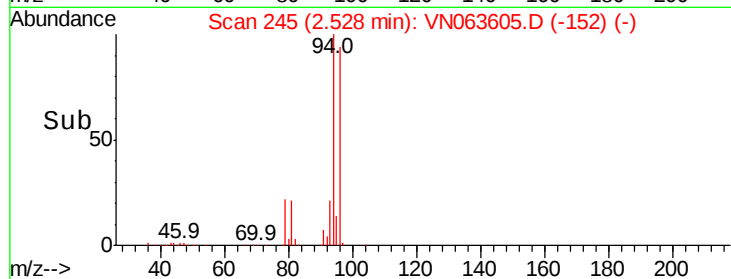
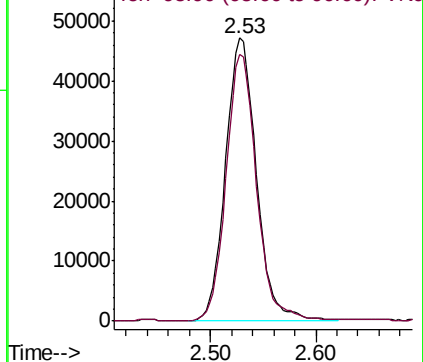
Ion Ratio Lower Upper

94 100

96 94.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 48.230 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063605.D

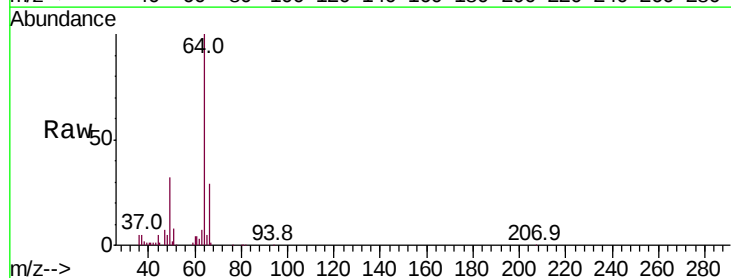
Acq: 23 Sep 2020 21:42

Tgt Ion: 64 Resp: 95927

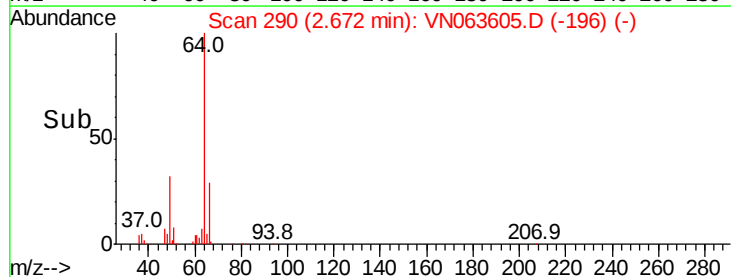
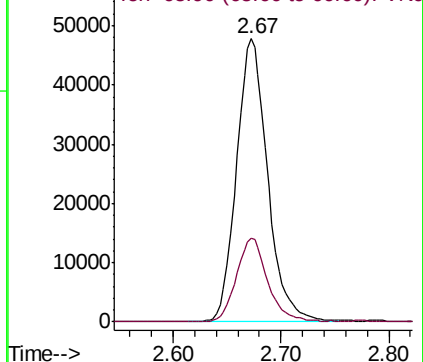
Ion Ratio Lower Upper

64 100

66 29.5 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



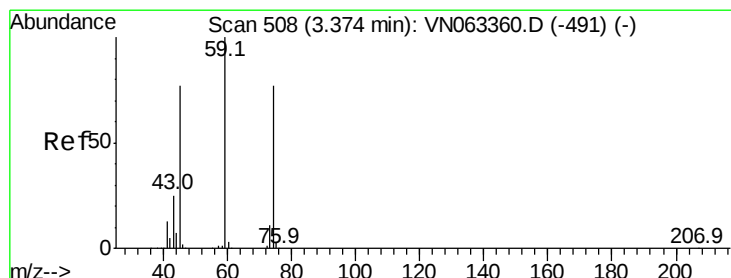
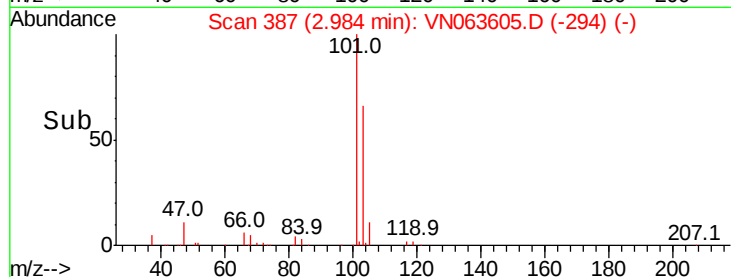
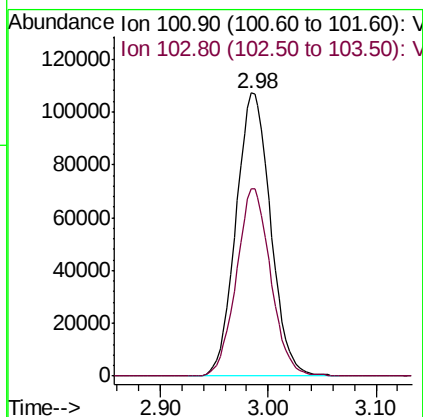
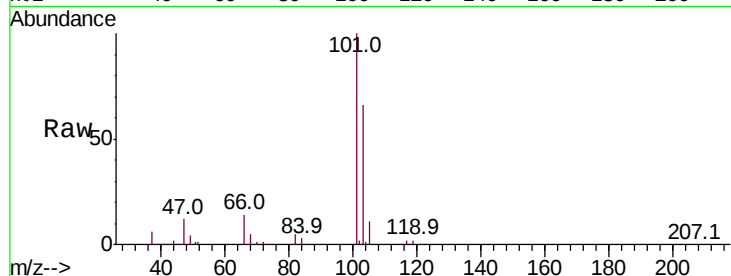


#7

Trichlorofluoromethane
Concen: 49.561 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

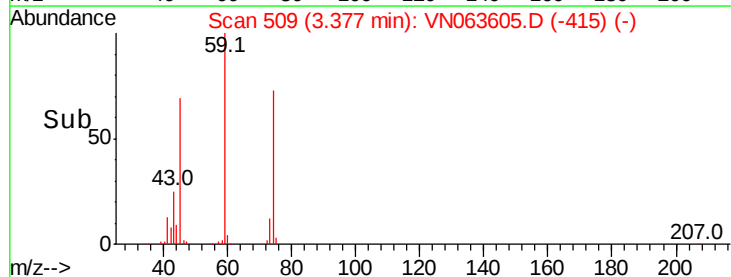
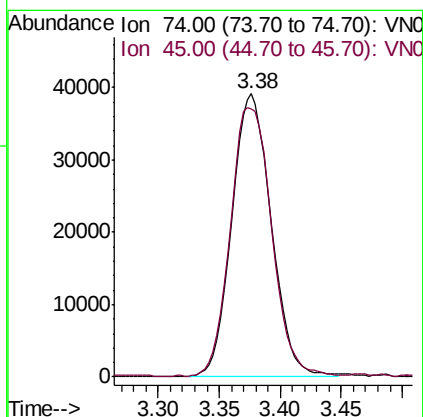
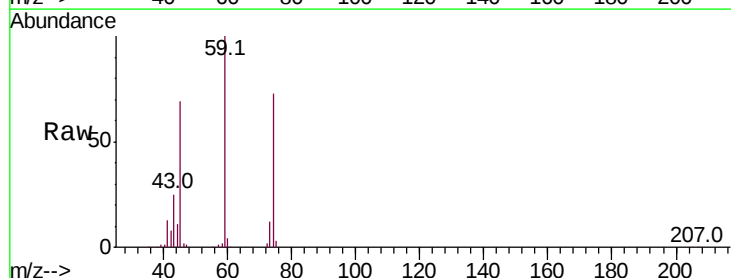
Tot Ion:101 Resp: 239594
Ion Ratio Lower Upper
101 100
103 66.0 52.3 78.5

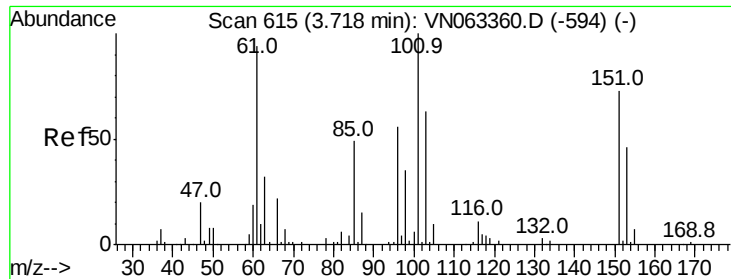


#8

Diethyl Ether
Concen: 46.574 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 74 Resp: 87771
Ion Ratio Lower Upper
74 100
45 100.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.992 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

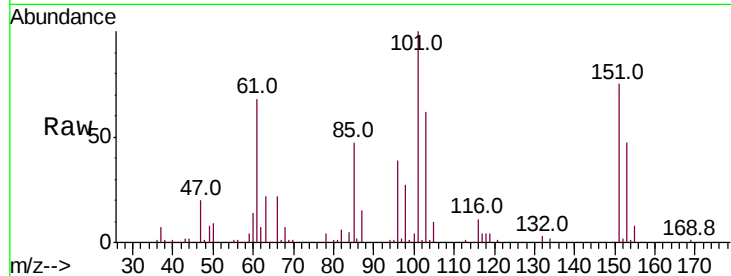
Tot Ion:101 Resp: 135913

Ion Ratio Lower Upper

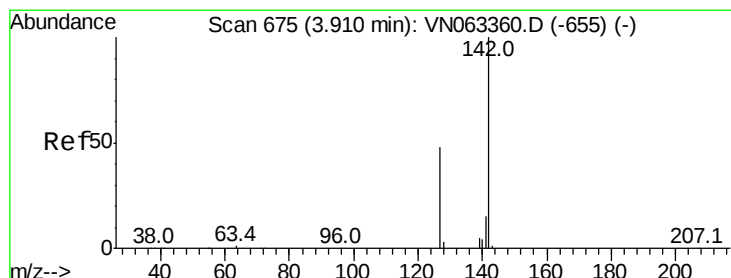
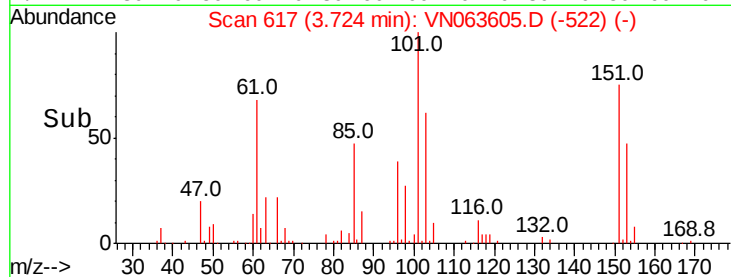
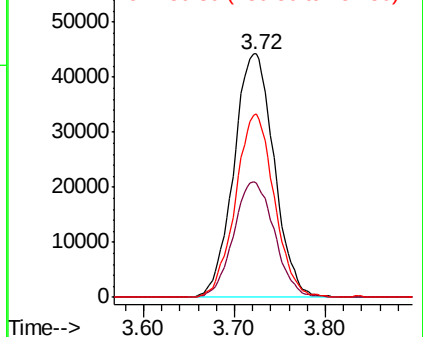
101 100

85 47.9 37.7 56.5

151 72.4 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.194 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

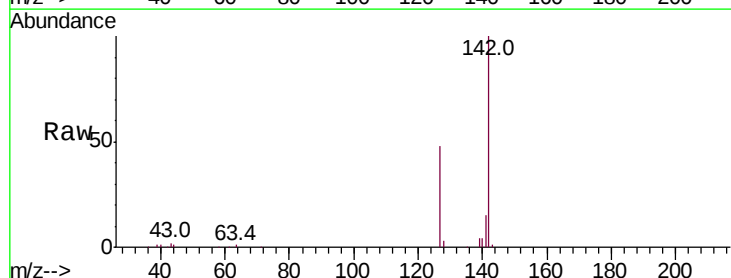
Tgt Ion:142 Resp: 163509

Ion Ratio Lower Upper

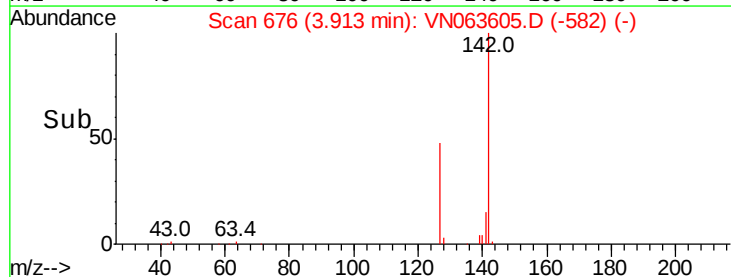
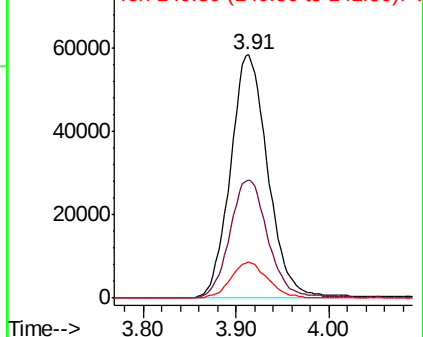
142 100

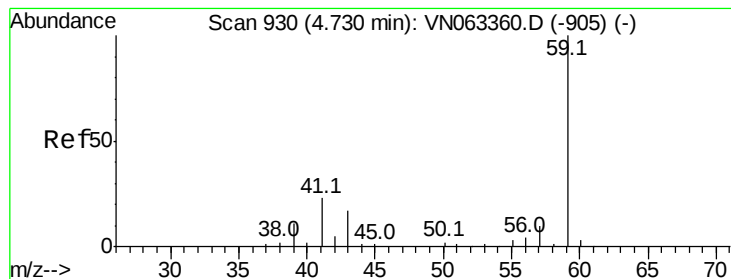
127 49.4 39.0 58.6

141 14.6 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



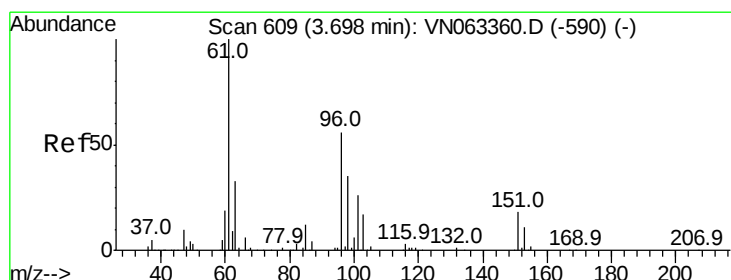
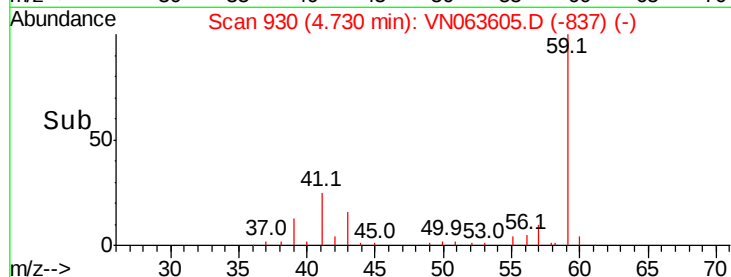
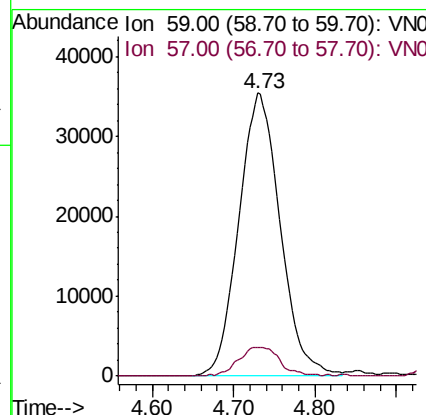
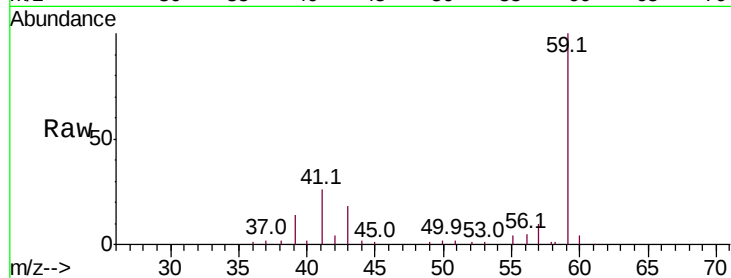


#11

Tert butyl alcohol
 Concen: 216.856 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

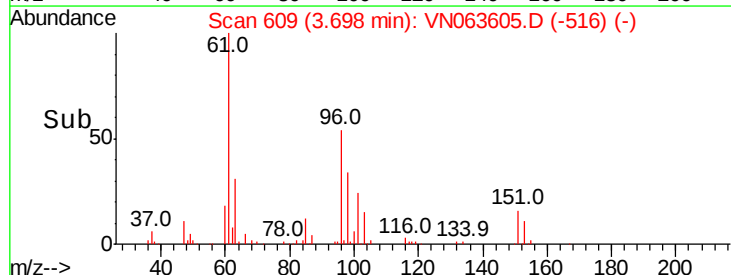
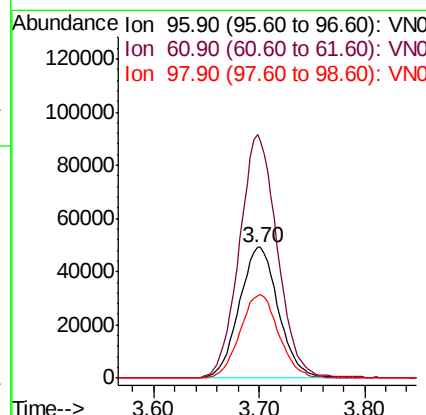
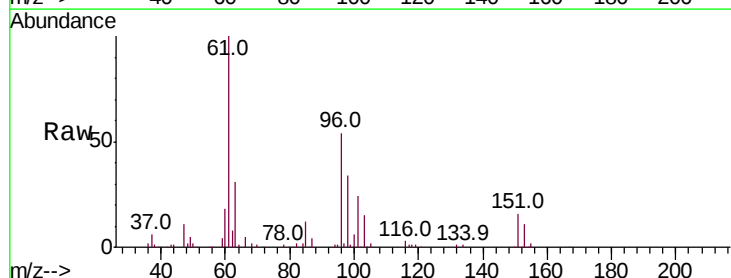
Tot Ion: 59 Resp: 124791
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

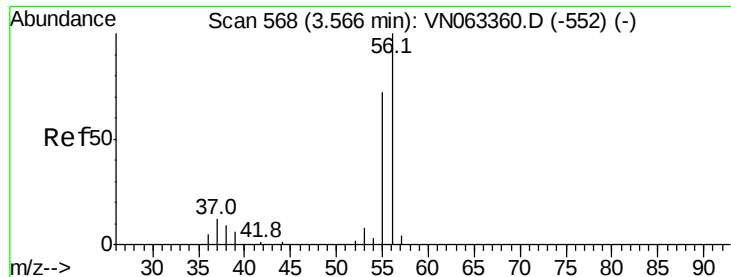


#12

1,1-Dichloroethene
 Concen: 46.053 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion: 96 Resp: 126816
 Ion Ratio Lower Upper
 96 100
 61 186.1 143.4 215.2
 98 63.4 50.6 76.0

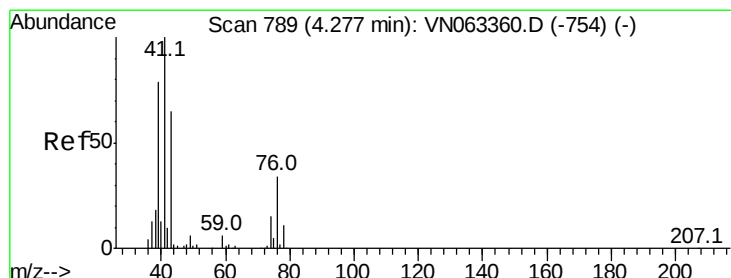
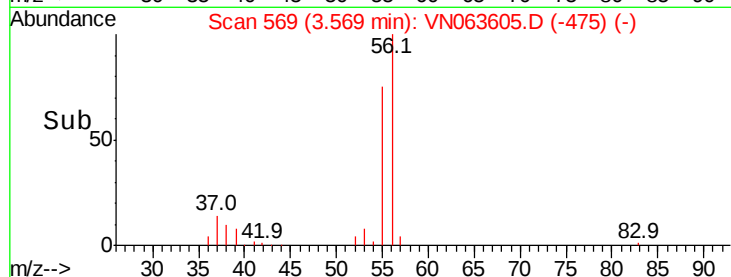
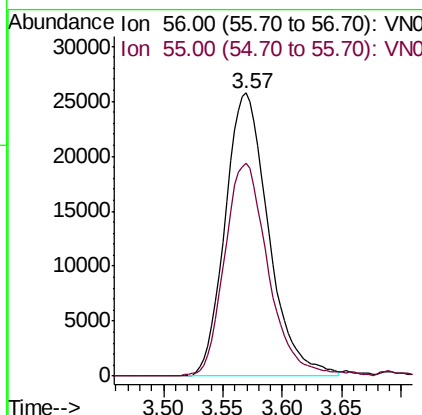
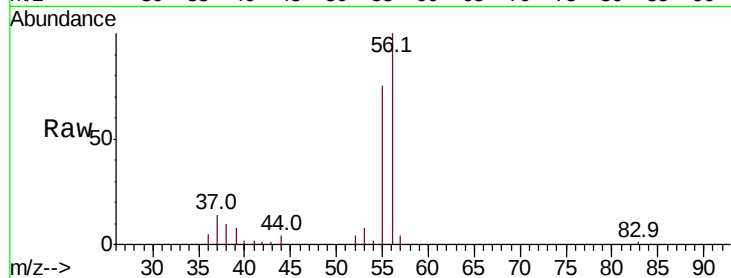




#13
Acrolein
Concen: 305.071 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

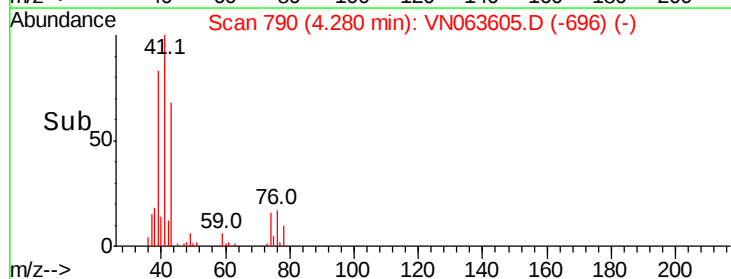
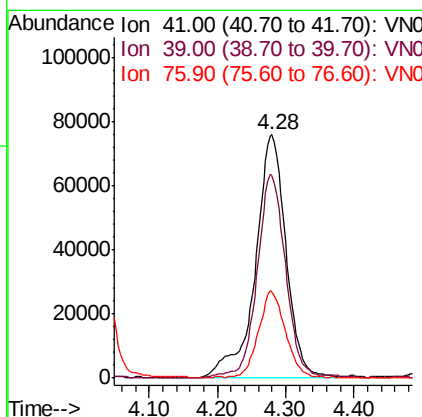
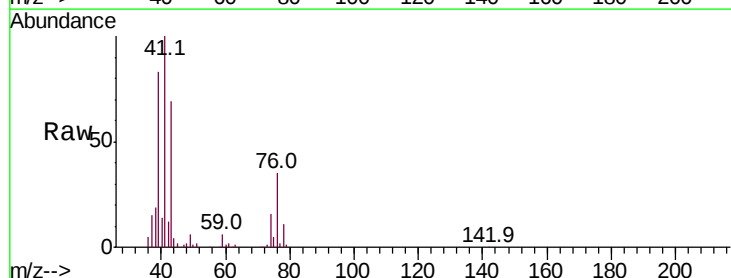
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

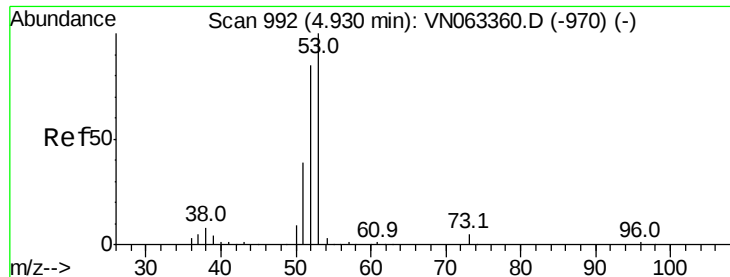
Tot Ion: 56 Resp: 65058
Ion Ratio Lower Upper
56 100
55 76.0 58.2 87.2



#14
Allyl chloride
Concen: 43.731 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 41 Resp: 238201
Ion Ratio Lower Upper
41 100
39 77.8 59.3 88.9
76 30.6 25.3 37.9





#15

Acrylonitrile

Concen: 238.980 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

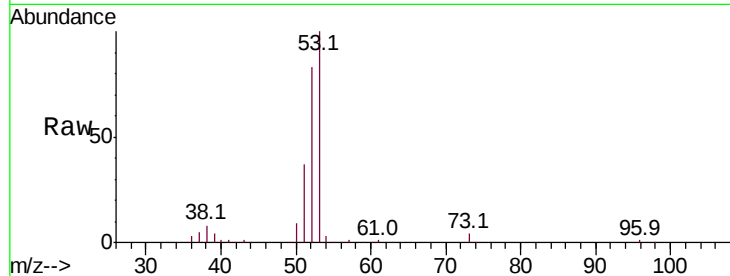
Tot Ion: 53 Resp: 349811

Ion Ratio Lower Upper

53 100

52 81.3 66.4 99.6

51 37.1 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)

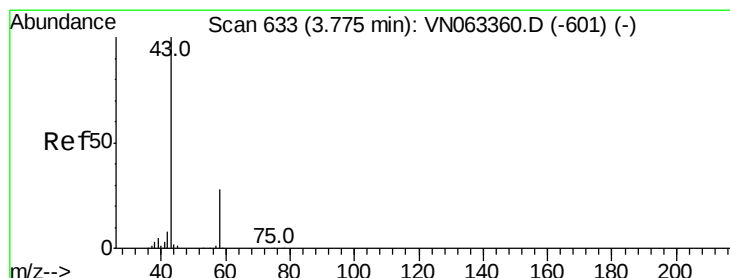
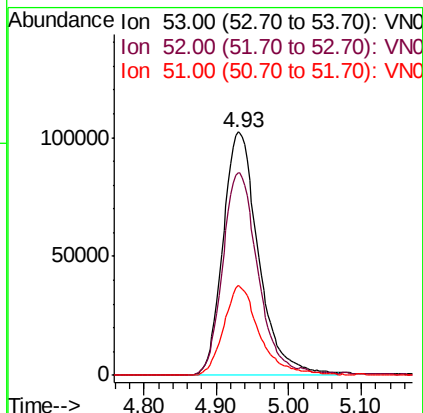
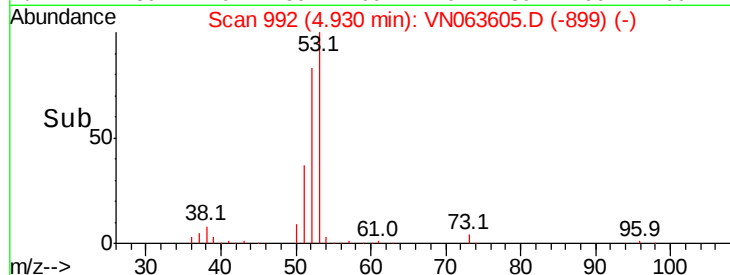
4.93

100000

50000

0

Time-->



#16

Acetone

Concen: 244.907 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063605.D

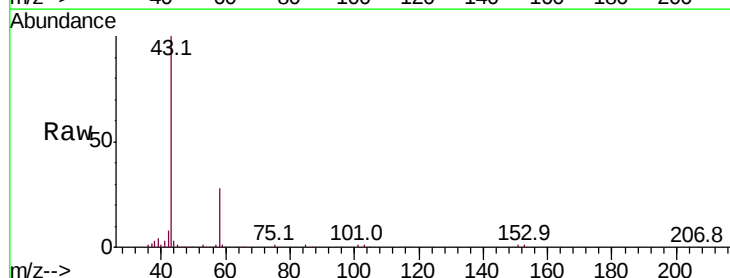
Acq: 23 Sep 2020 21:42

Tgt Ion: 43 Resp: 326945

Ion Ratio Lower Upper

43 100

58 28.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

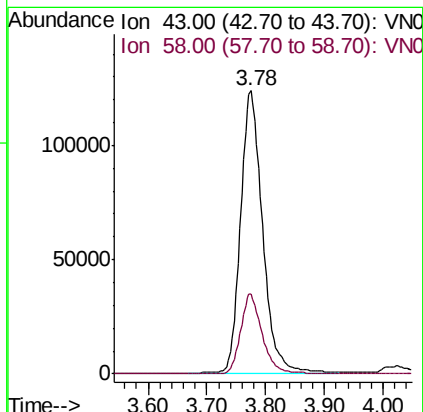
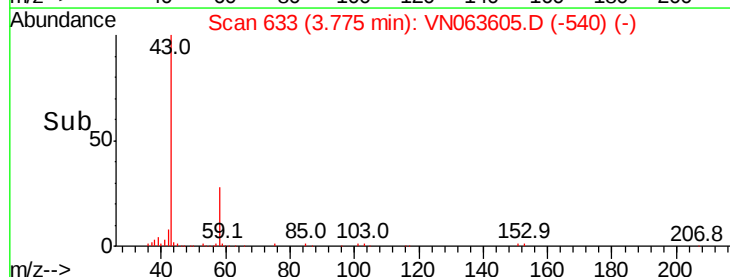
3.78

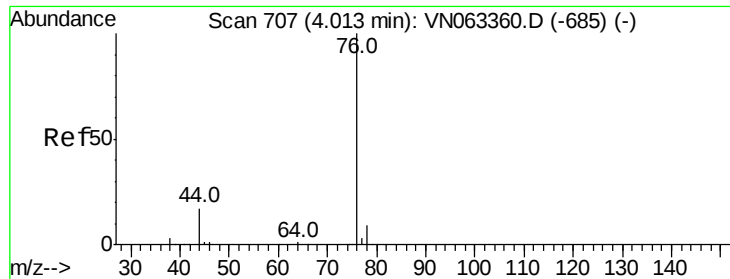
100000

50000

0

Time-->

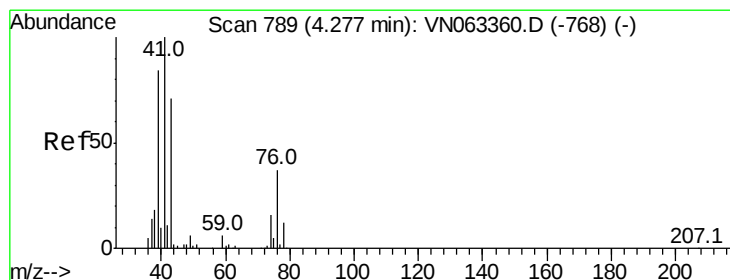
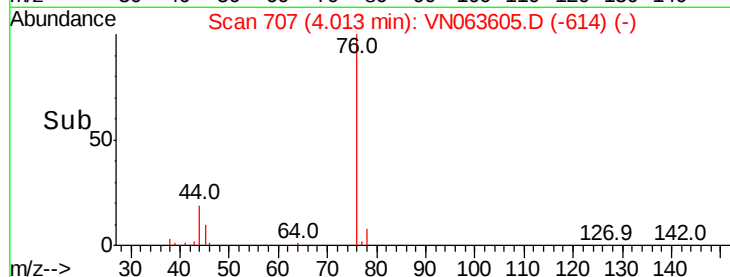
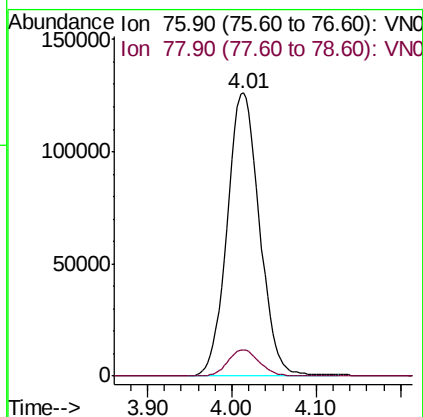
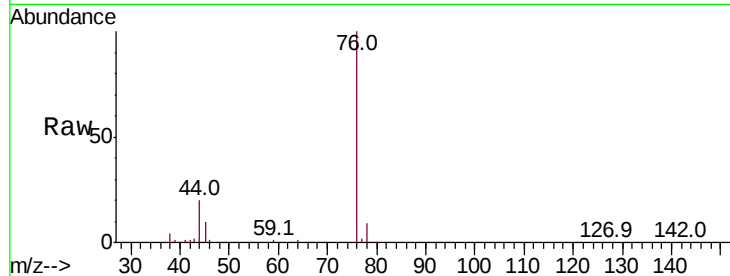




#17
Carbon Disulfide
Concen: 42.108 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

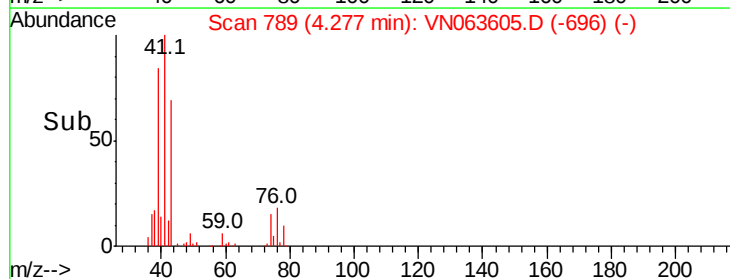
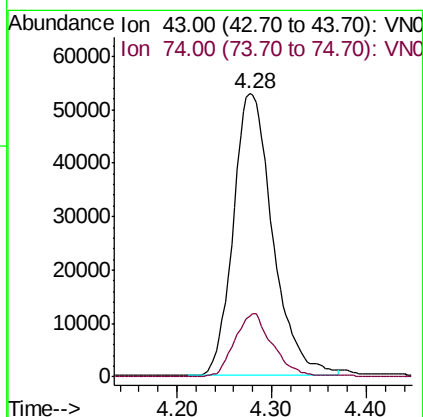
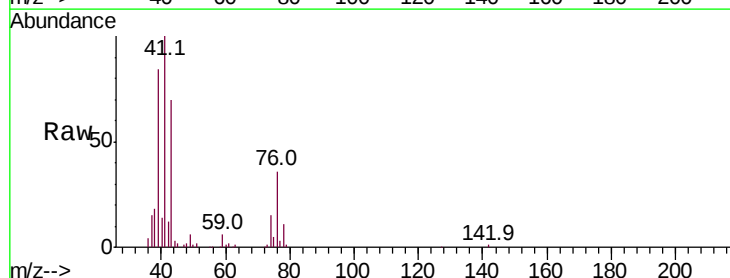
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

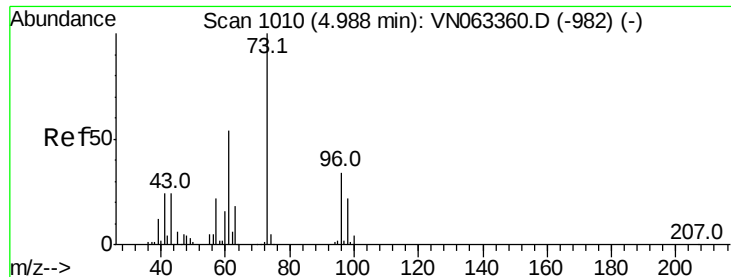
Tot Ion: 76 Resp: 337283
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 45.262 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 43 Resp: 153393
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.2

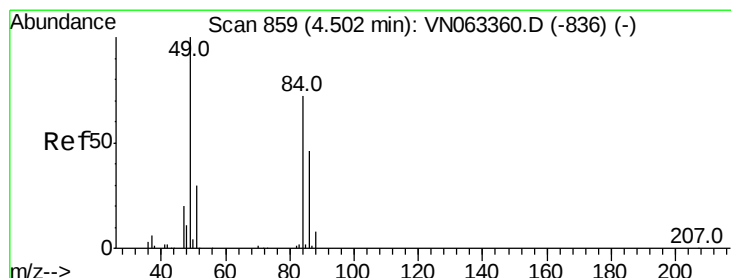
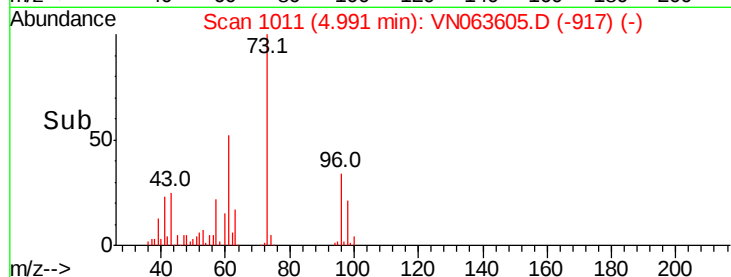
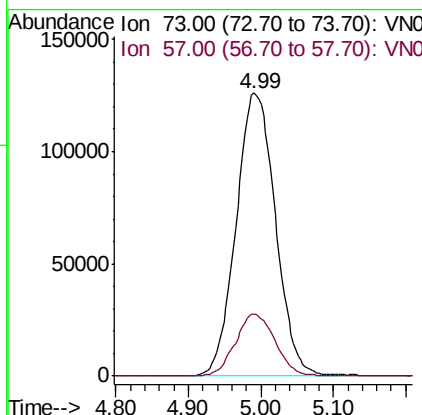
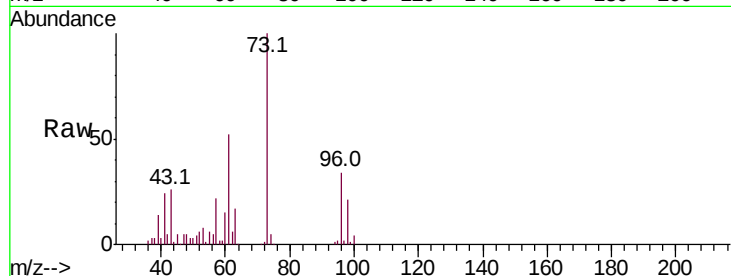




#19
Methvl tert-butvl Ether
Concen: 46.455 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

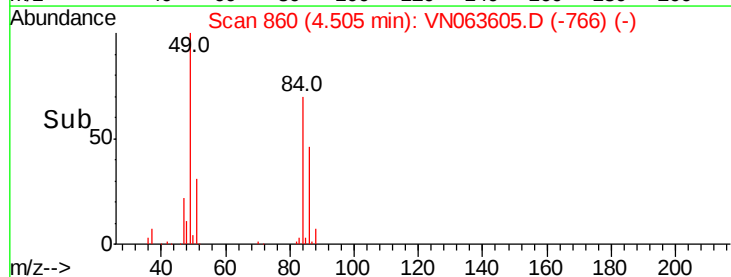
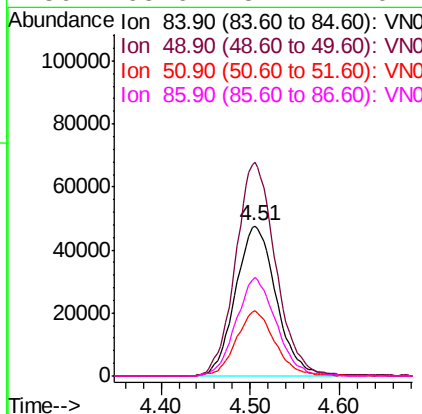
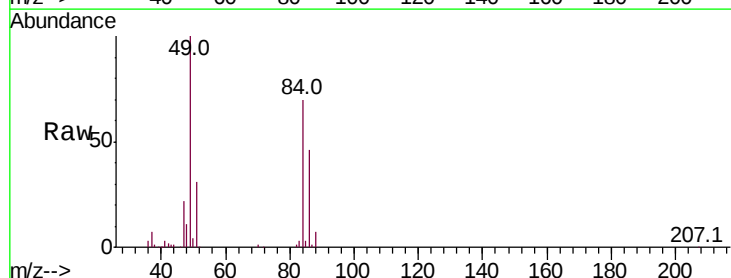
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

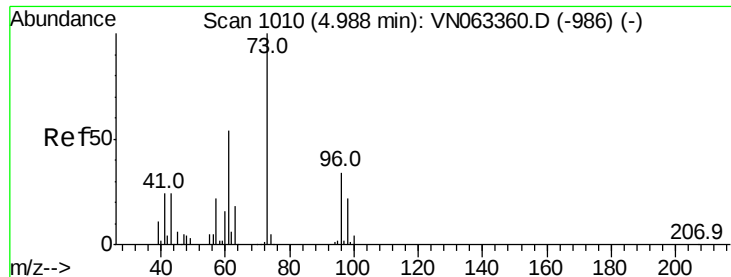
Tot Ion: 73 Resp: 476784
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 44.505 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 84 Resp: 150531
Ion Ratio Lower Upper
84 100
49 142.6 110.7 166.1
51 43.7 32.9 49.3
86 65.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.511 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

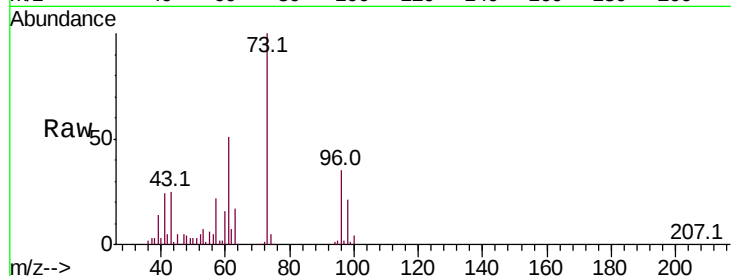
Tot Ion: 96 Resp: 138851

Ion Ratio Lower Upper

96 100

61 148.1 126.2 189.4

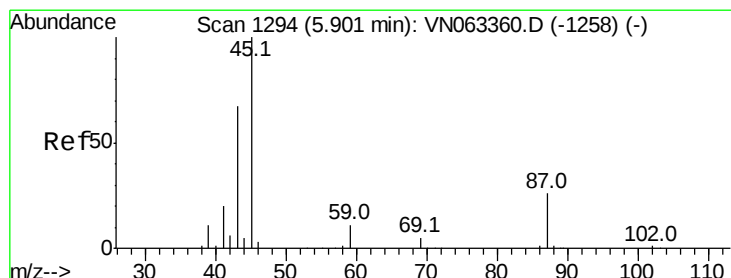
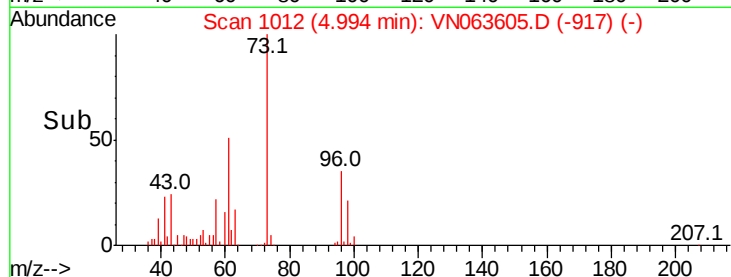
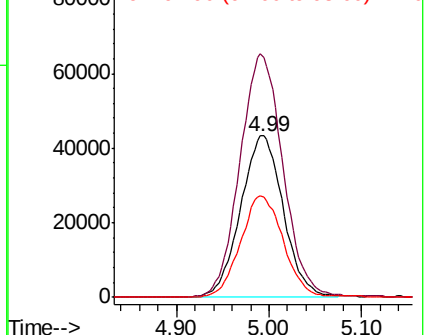
98 62.0 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-986) (-)



#22

Diisopropyl ether

Concen: 45.165 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Tgt Ion: 45 Resp: 501727

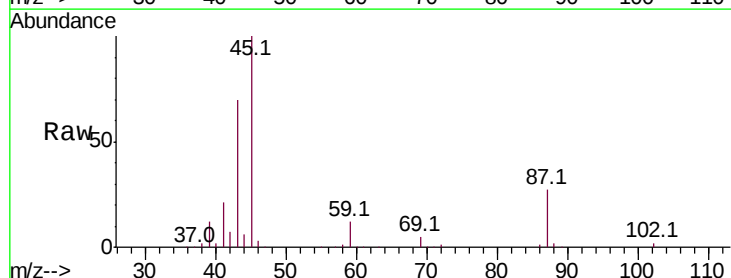
Ion Ratio Lower Upper

45 100

43 67.9 53.5 80.3

87 26.7 21.2 31.8

59 11.8 8.8 13.2

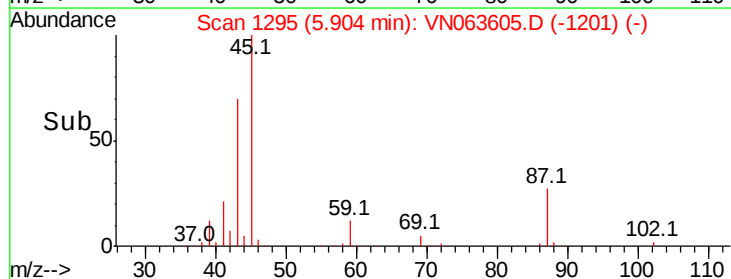
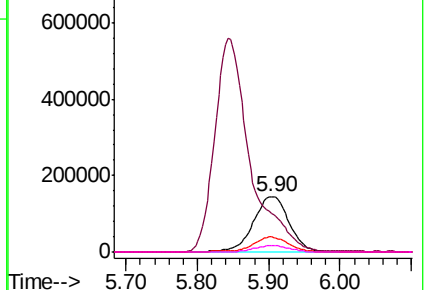


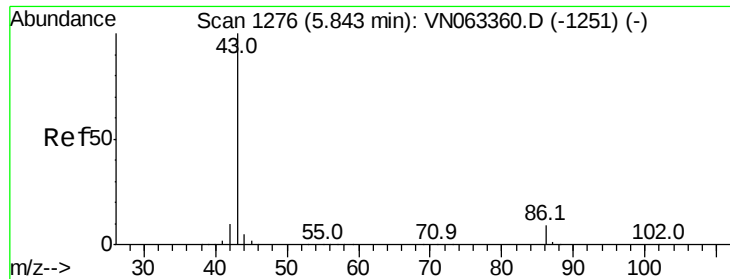
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN063360.D (-1258) (-)

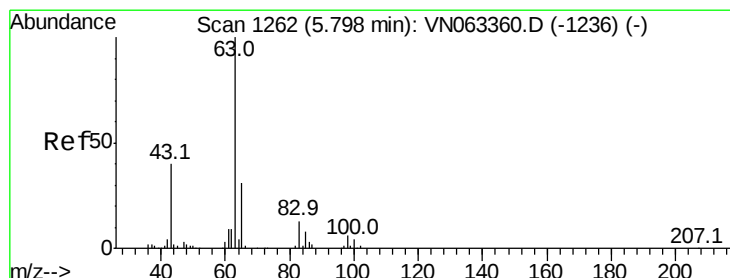
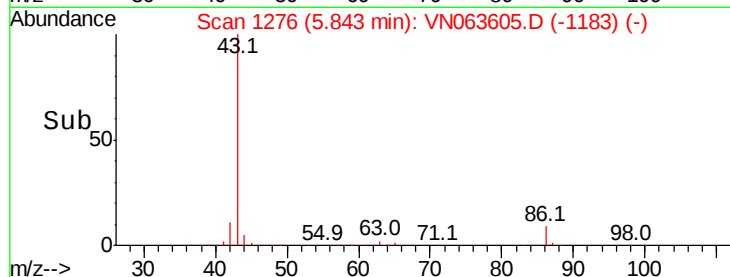
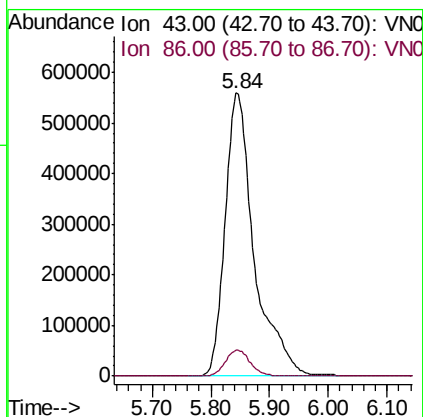
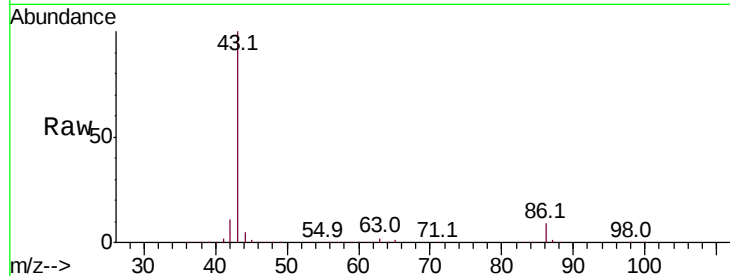




#23
 Vinyl Acetate
 Concen: 211.573 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

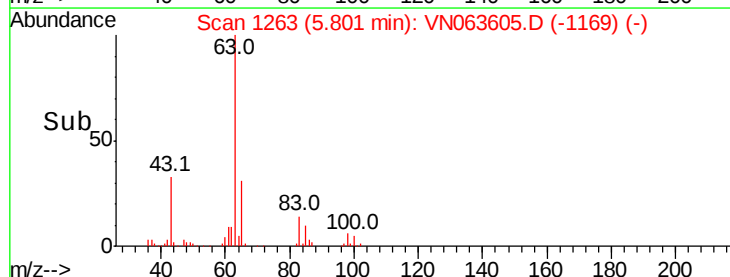
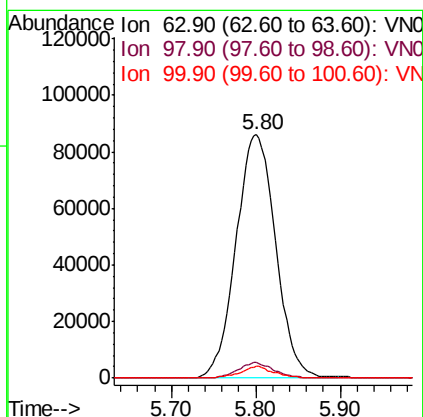
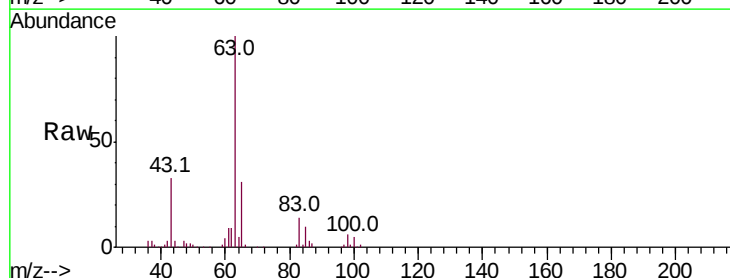
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

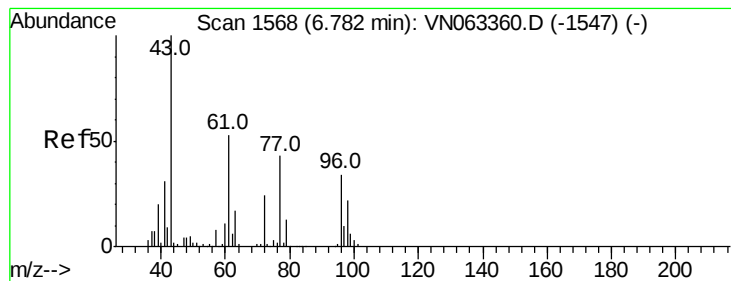
Tot Ion: 43 Resp: 1930268
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 46.385 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion: 63 Resp: 281322
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.8
 100 4.8 2.1 6.3





#25

2-Butanone

Concen: 234.610 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

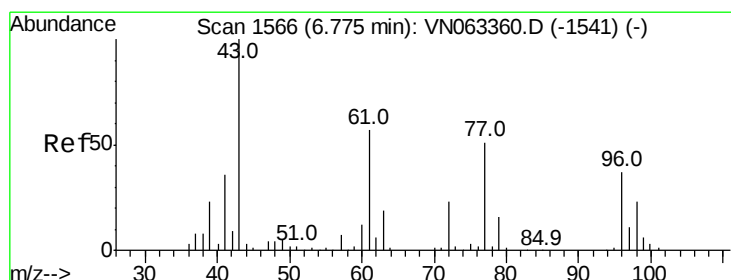
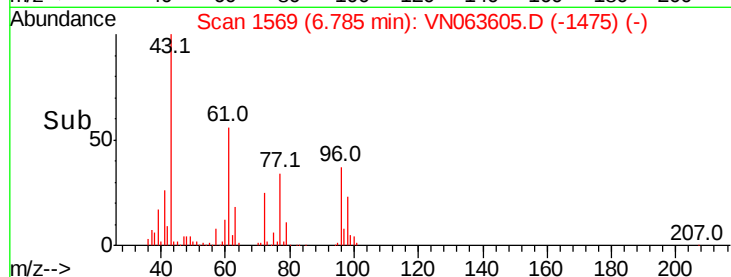
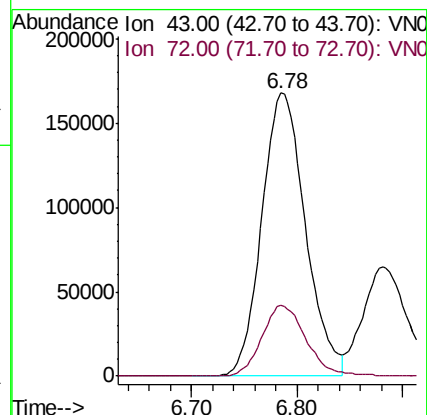
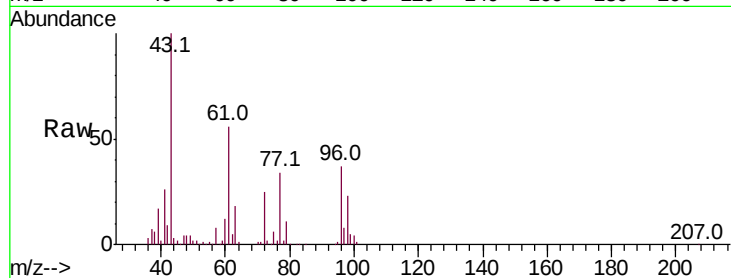
RE131D1-20200916MSD

Tot Ion: 43 Resp: 481694

Ion Ratio Lower Upper

43 100

72 25.2 19.2 28.8



#26

2,2-Dichloropropane

Concen: 36.596 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063605.D

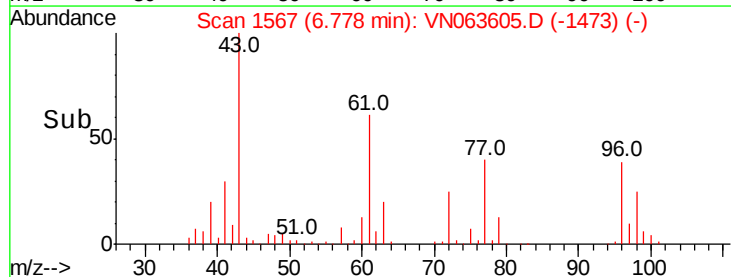
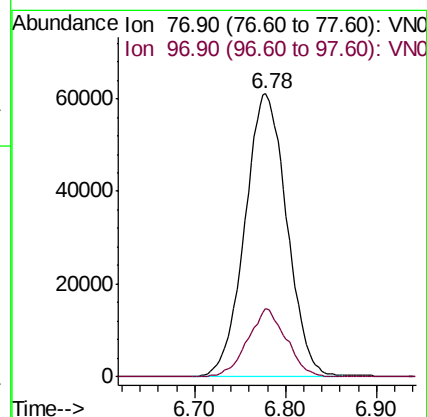
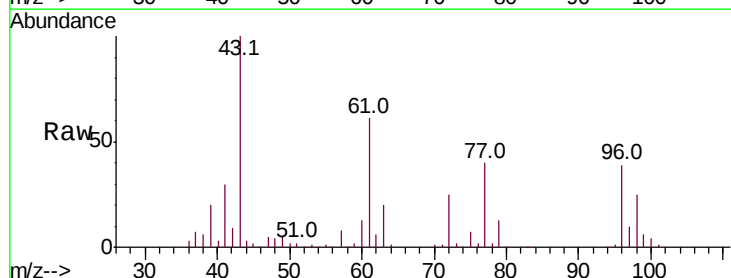
Acq: 23 Sep 2020 21:42

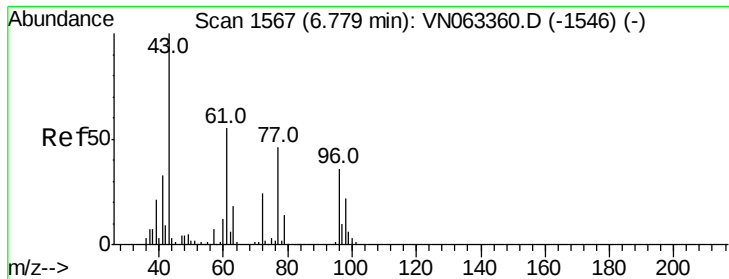
Tgt Ion: 77 Resp: 195416

Ion Ratio Lower Upper

77 100

97 22.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 51.796 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

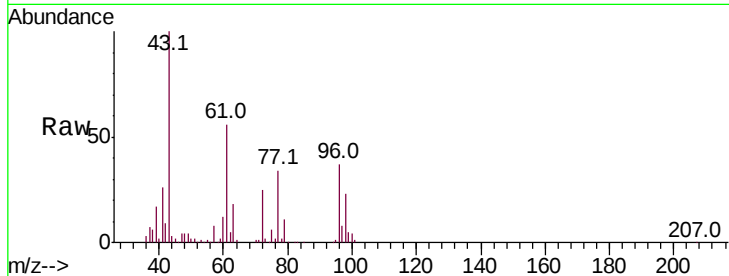
Tot Ion: 96 Resp: 178864

Ion Ratio Lower Upper

96 100

61 153.1 0.0 319.6

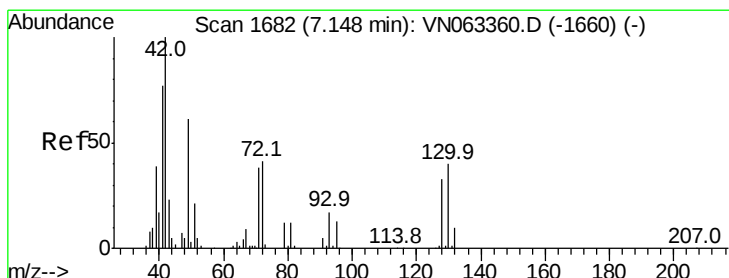
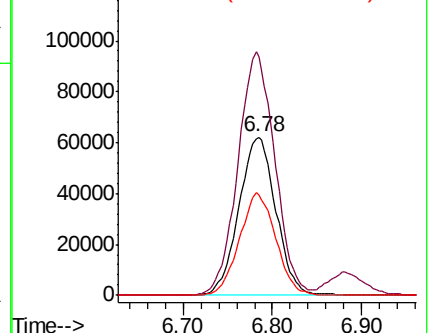
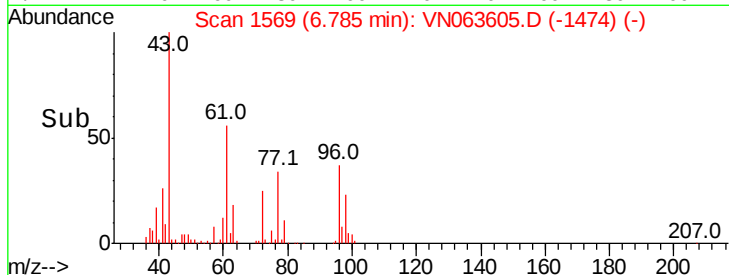
98 63.4 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.249 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

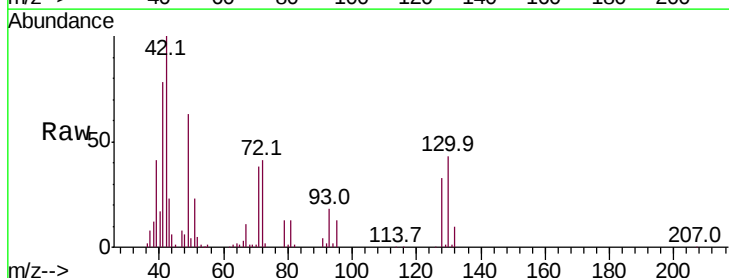
Tgt Ion: 49 Resp: 137914

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

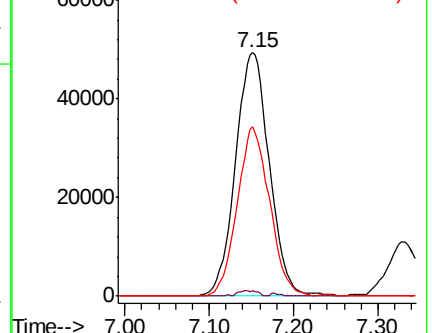
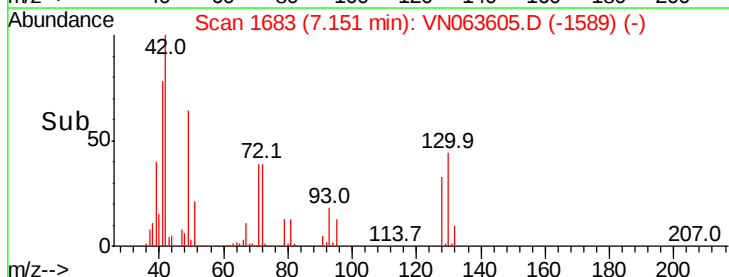
130 66.3 52.2 78.2

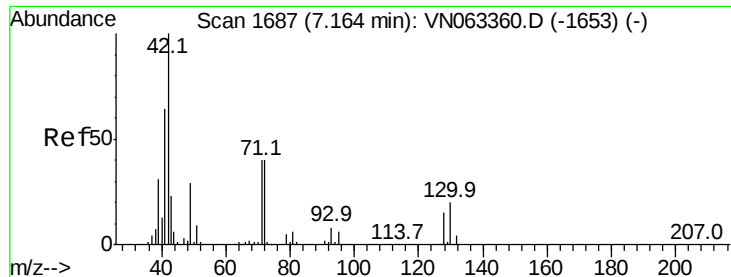


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

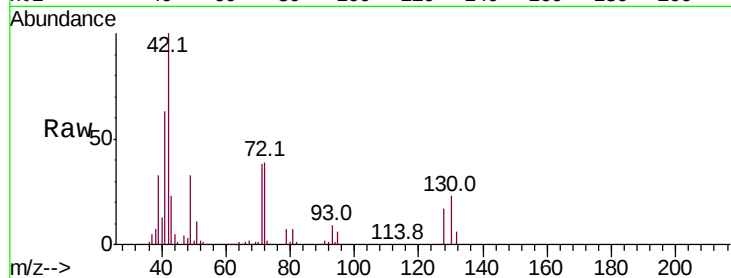




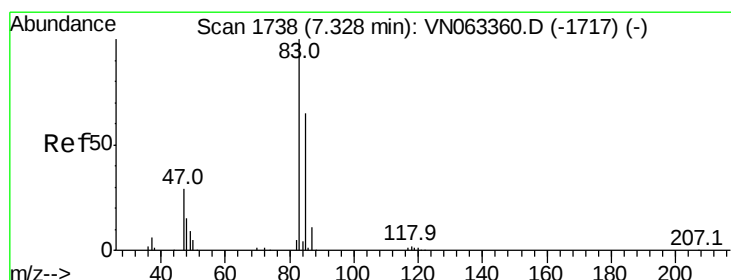
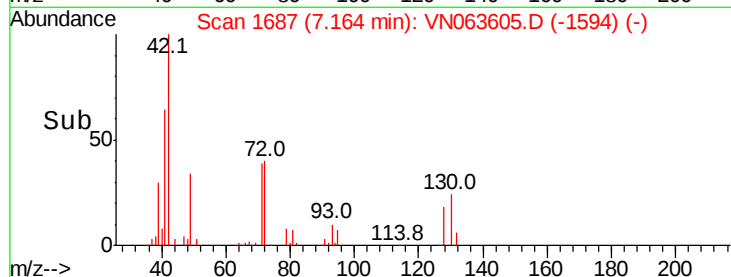
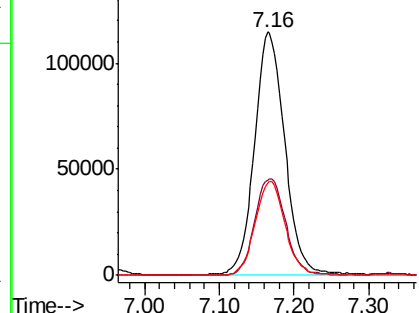
#29
Tetrahydrofuran
Concen: 230.050 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.1	48.1
71	38.1	31.2	46.8

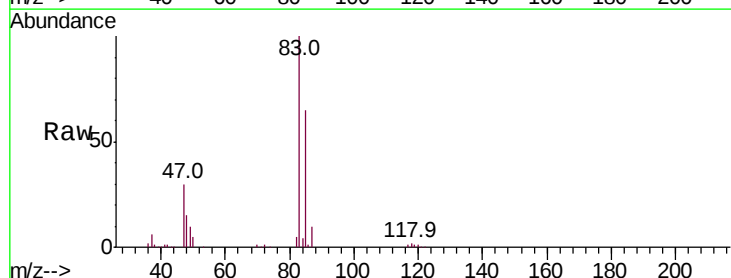


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

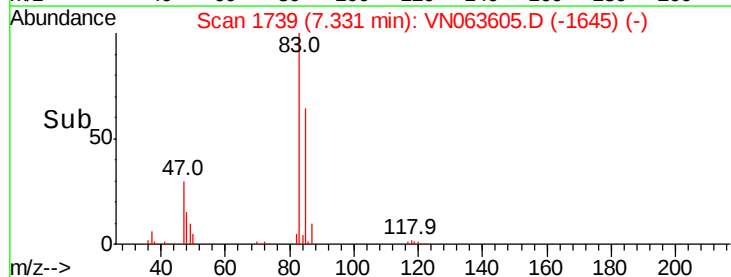
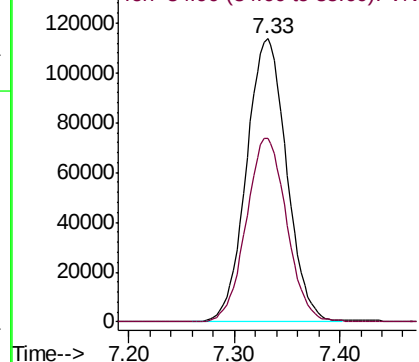


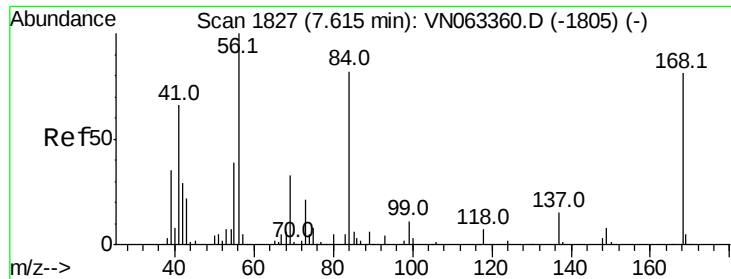
#30
Chloroform
Concen: 49.558 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.1	78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

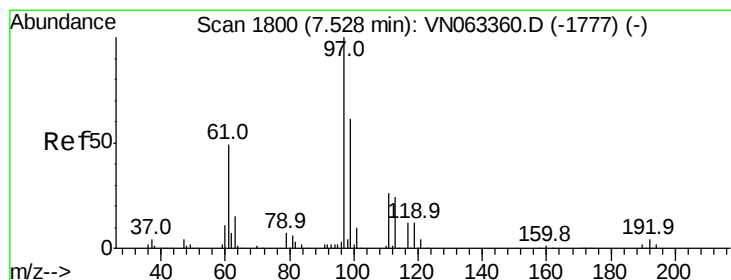
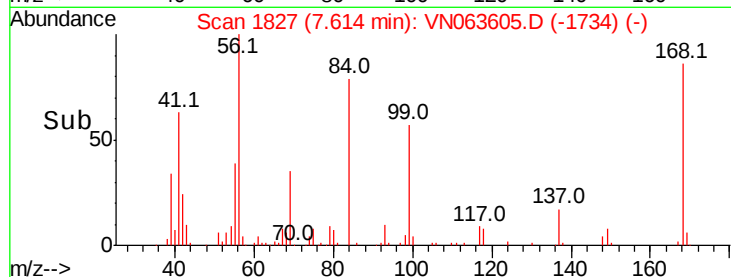
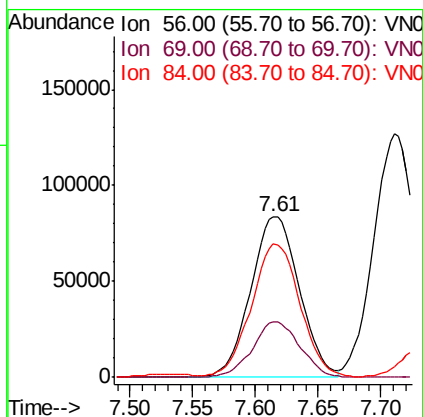
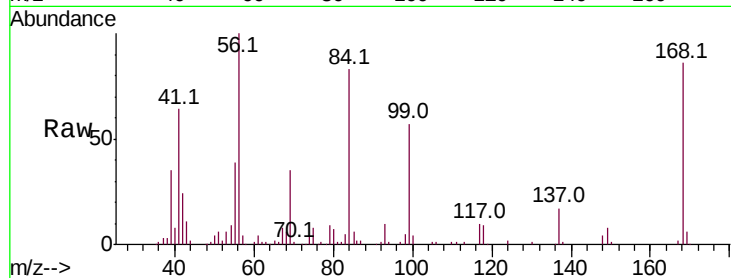




#31
Cyclohexane
Concen: 39.459 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

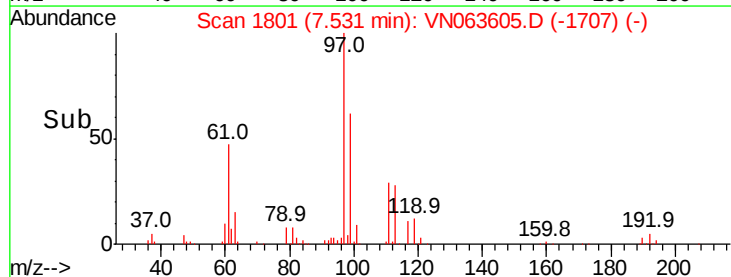
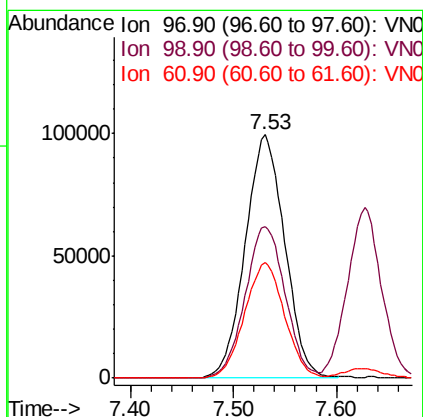
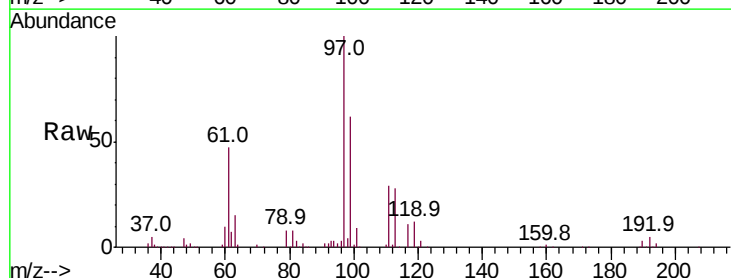
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

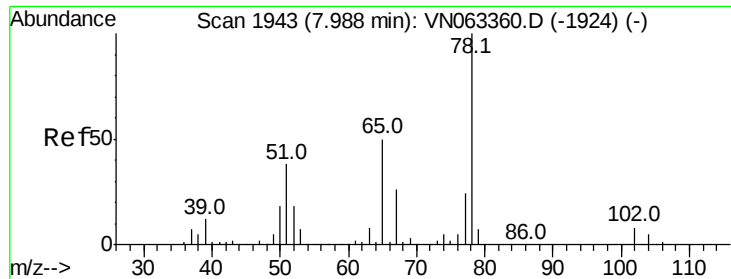
Tot Ion: 56 Resp: 226372
Ion Ratio Lower Upper
56 100
69 34.5 26.1 39.1
84 81.3 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 48.917 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 97 Resp: 264742
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 48.1 39.2 58.8

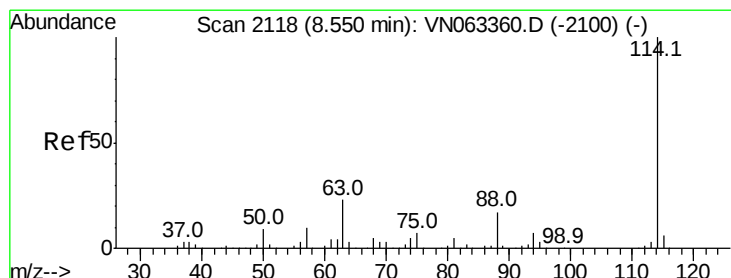
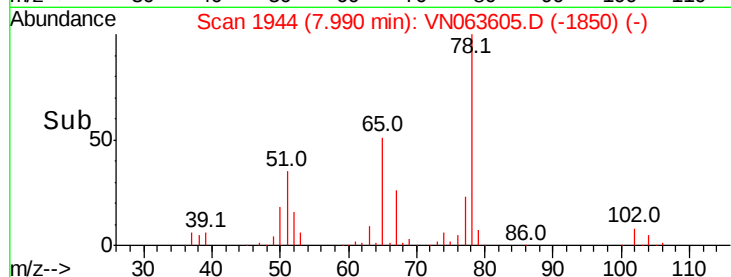
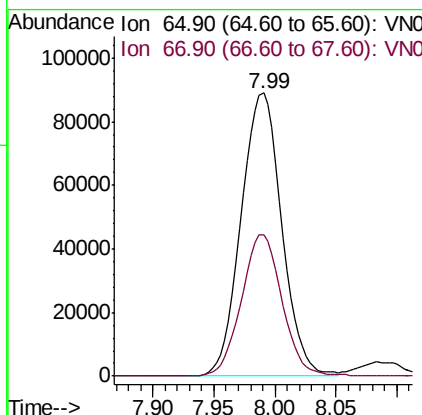
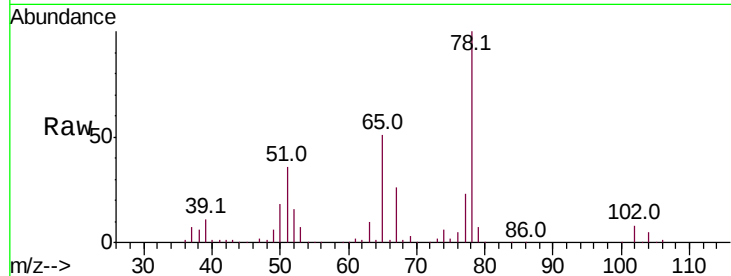




#33
 1,2-Dichloroethane-d4
 Concen: 49.367 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

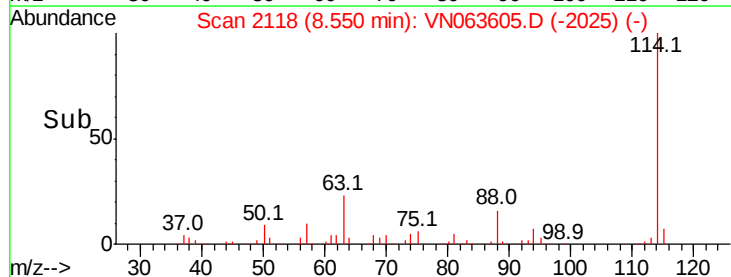
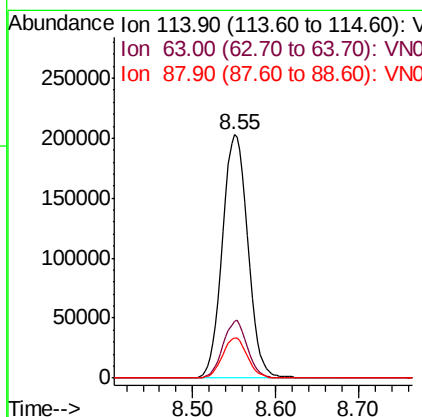
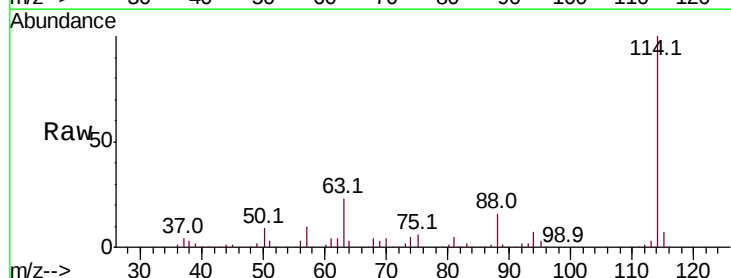
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

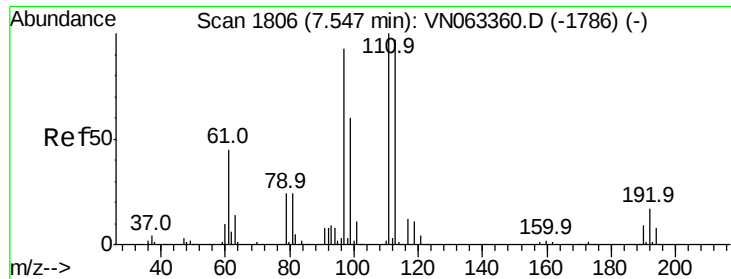
Tot Ion: 65 Resp: 205062
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion: 114 Resp: 434131
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 16.4 0.0 33.2

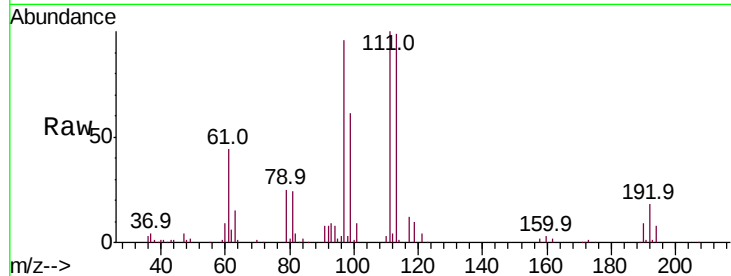




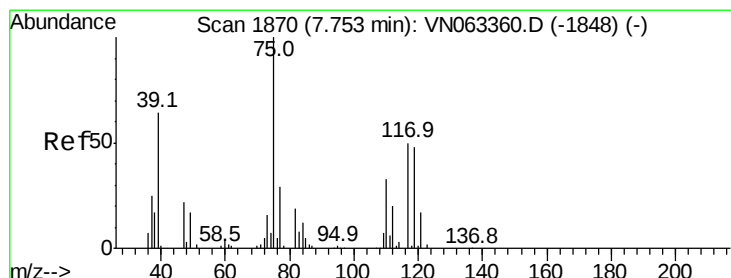
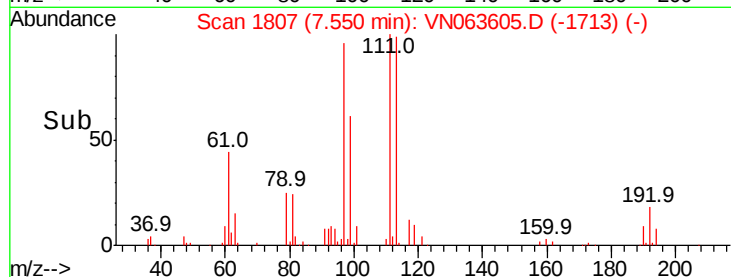
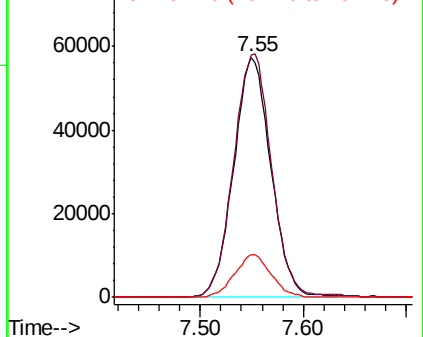
#35
 Dibromofluoromethane
 Concen: 48.012 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion:113 Resp: 144296
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 17.4 13.9 20.9

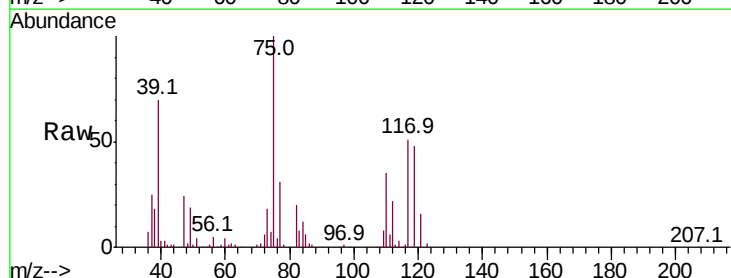


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

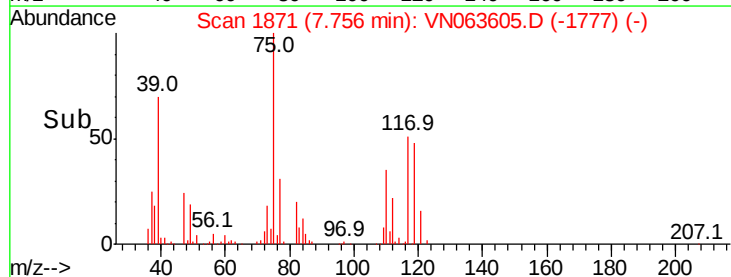
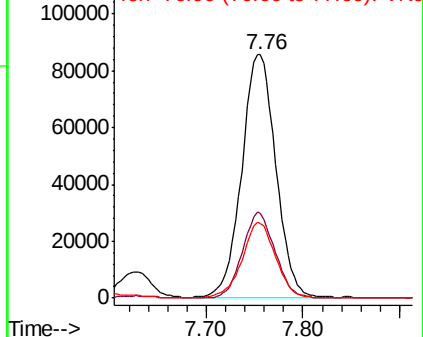


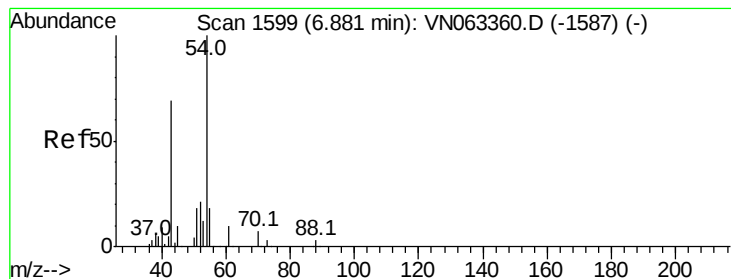
#36
 1,1-Dichloropropene
 Concen: 45.195 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion: 75 Resp: 209030
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.5 49.5
 77 30.7 24.6 36.8



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: 41.610 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

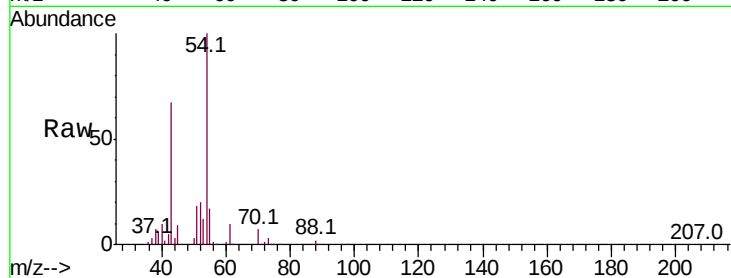
Tot Ion: 43 Resp: 188878

Ion Ratio Lower Upper

43 100

61 13.1 10.6 15.8

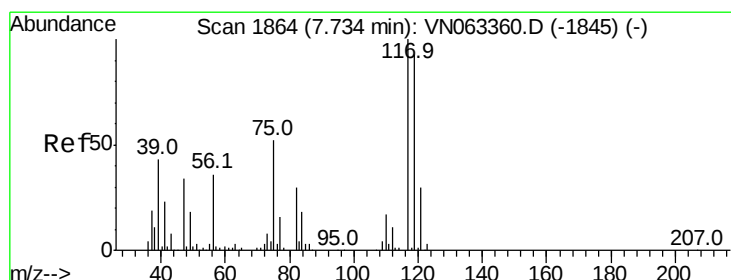
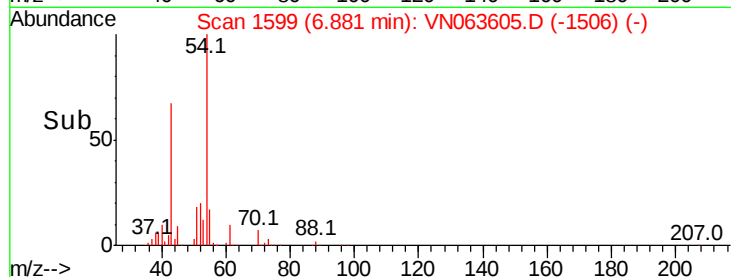
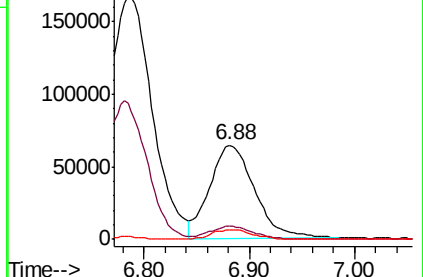
70 9.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063360.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 47.114 ug/l

RT: 7.74 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

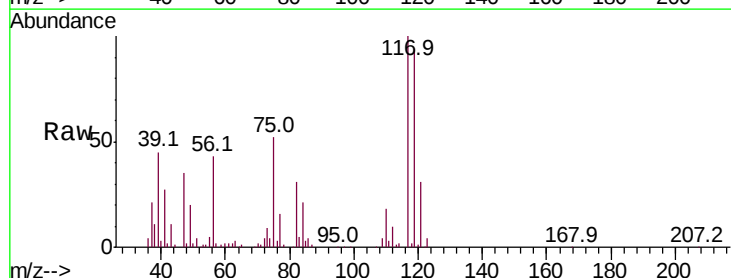
Tgt Ion: 117 Resp: 222438

Ion Ratio Lower Upper

117 100

119 94.3 74.5 111.7

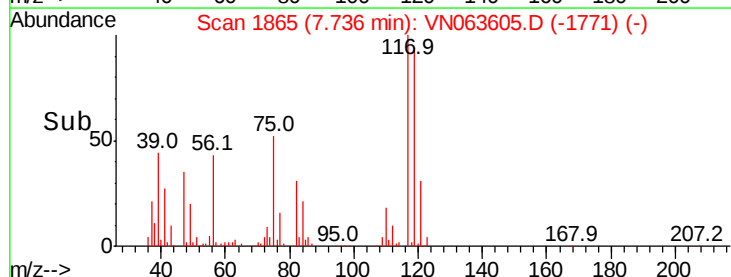
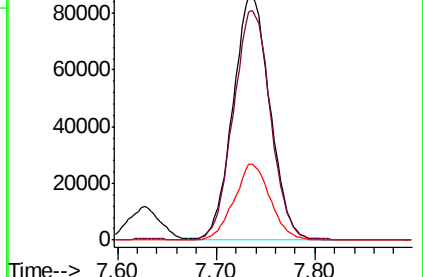
121 31.4 24.1 36.1

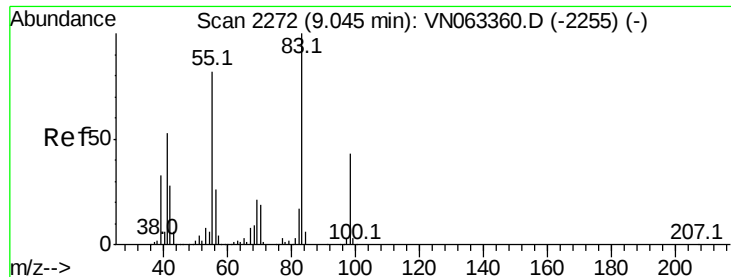


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

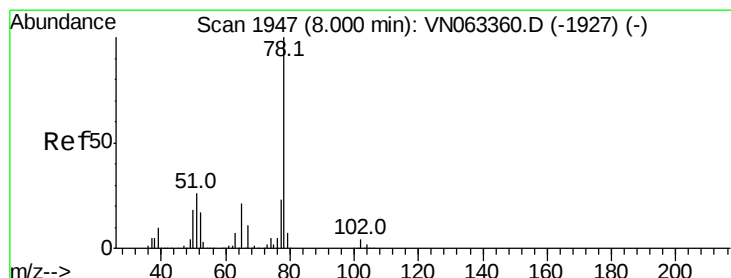
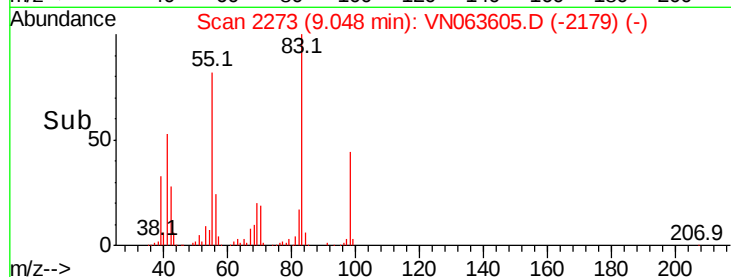
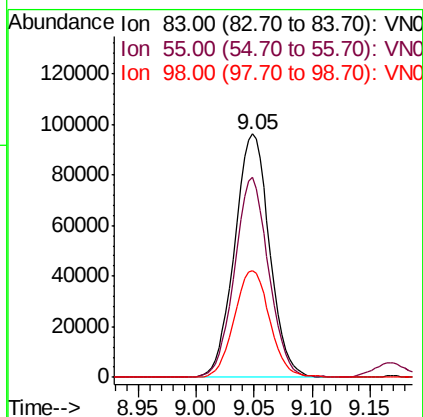
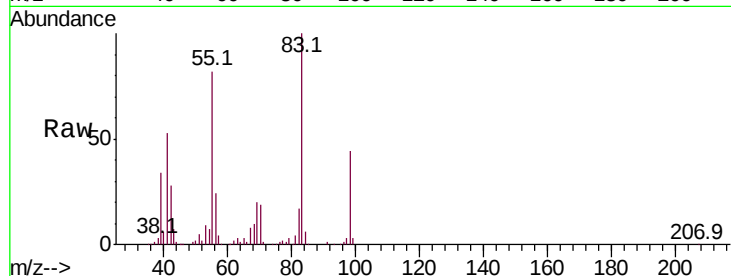




#39
Methvlcvclohexane
Concen: 40.038 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

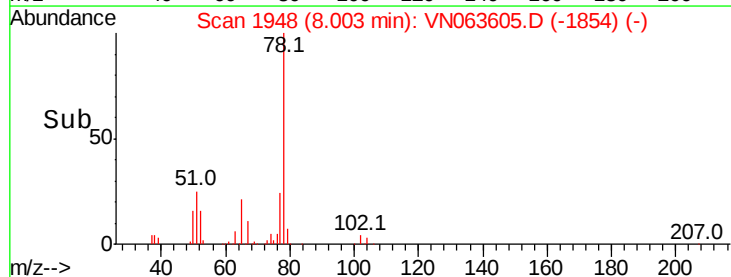
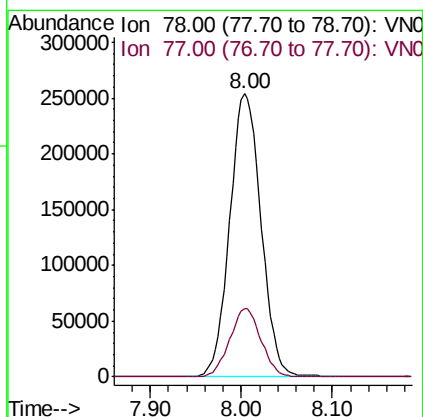
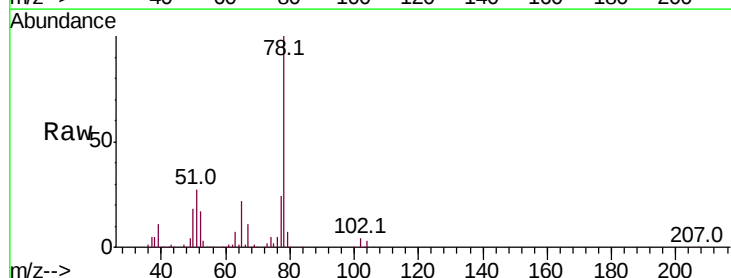
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

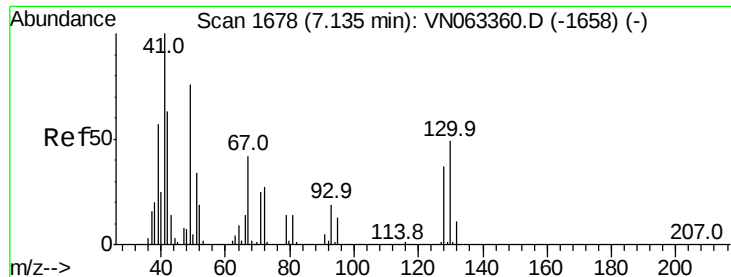
Tot Ion: 83 Resp: 200977
Ion Ratio Lower Upper
83 100
55 82.0 65.5 98.3
98 44.1 34.2 51.4



#40
Benzene
Concen: 46.046 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 78 Resp: 607940
Ion Ratio Lower Upper
78 100
77 24.4 18.3 27.5

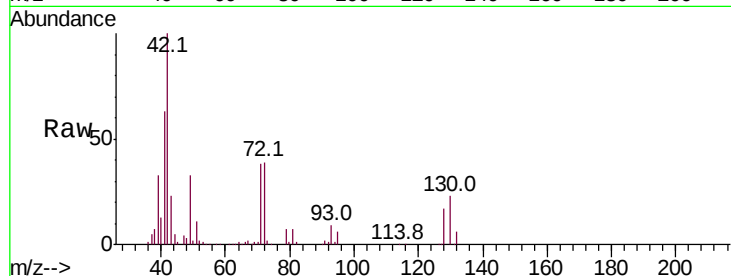




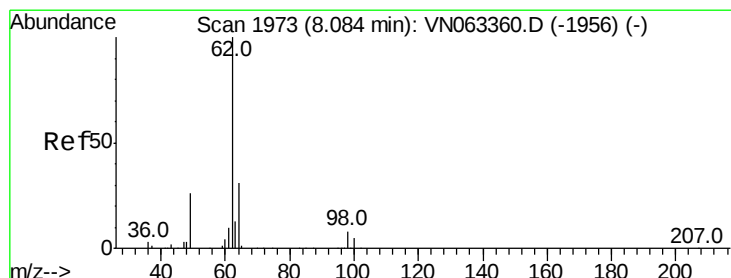
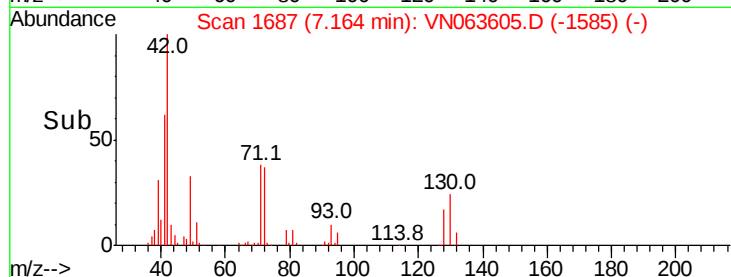
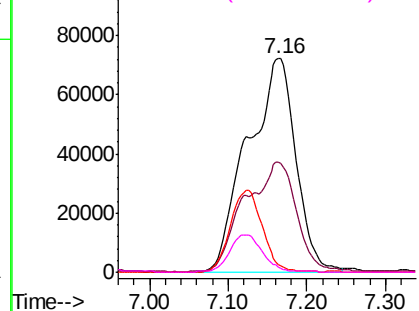
#41
Methacrylonitrile
Concen: 151.930 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion:	41	Resp:	310180
Ion	Ratio	Lower	Upper
41	100		
39	54.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

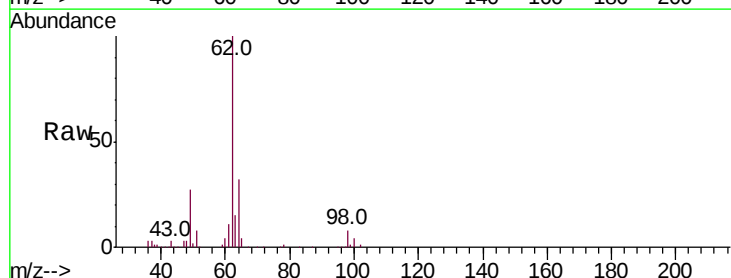


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

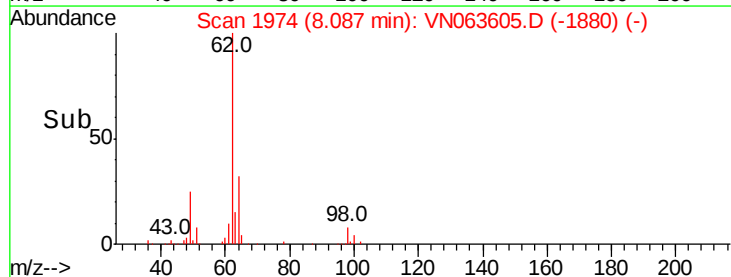
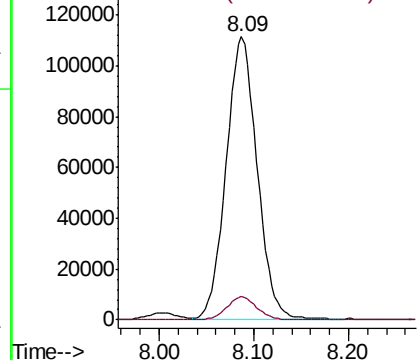


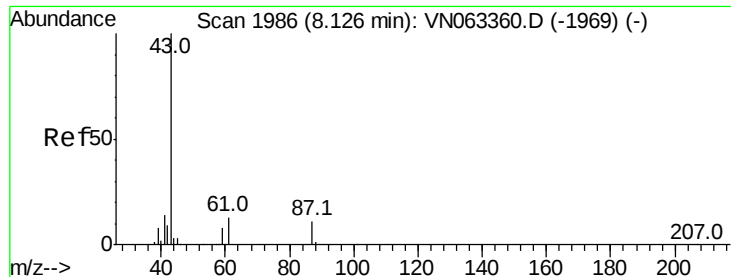
#42
1,2-Dichloroethane
Concen: 47.753 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion:	62	Resp:	253545
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 42.276 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

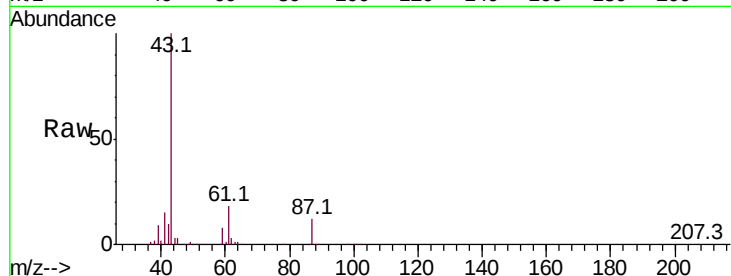
Tot Ion: 43 Resp: 343138

Ion Ratio Lower Upper

43 100

61 25.1 14.2 21.2#

87 11.7 9.0 13.6

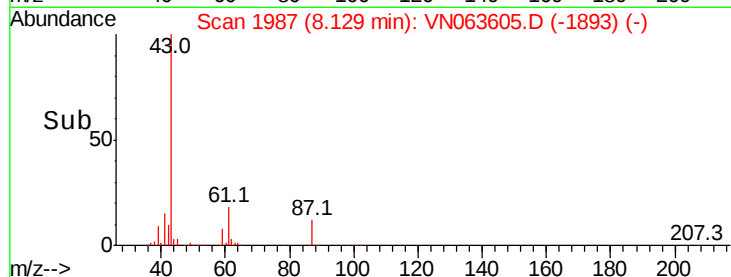


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

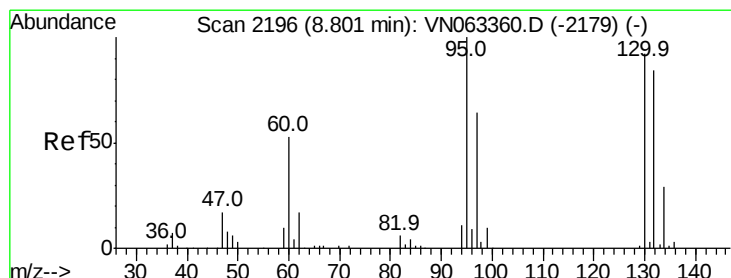
Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)

8.13



Time-->



#44

Trichloroethene

Concen: 254.781 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063605.D

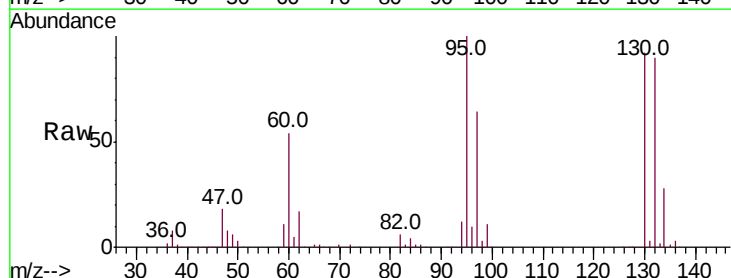
Acq: 23 Sep 2020 21:42

Tgt Ion:130 Resp: 815882

Ion Ratio Lower Upper

130 100

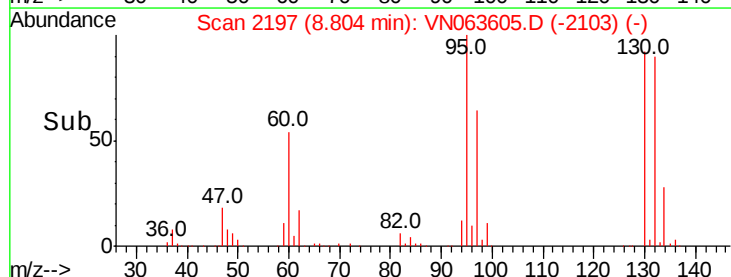
95 109.0 0.0 217.4



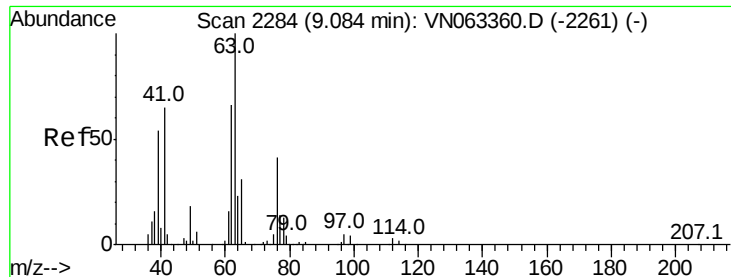
Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80



Time-->



#45

1,2-Dichloropropane

Concen: 46.191 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

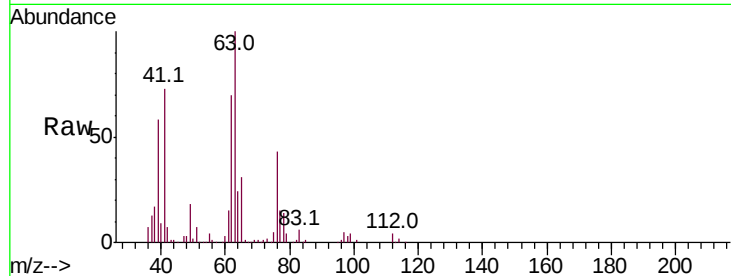
RE131D1-20200916MSD

Tot Ion: 63 Resp: 166097

Ion Ratio Lower Upper

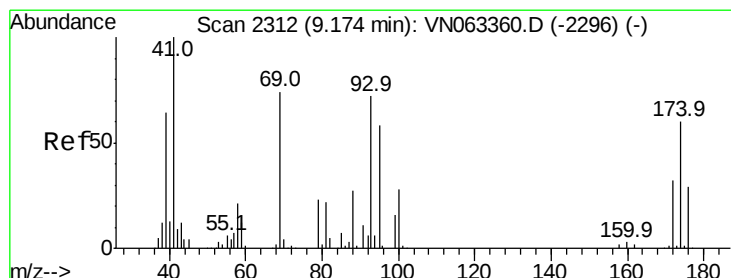
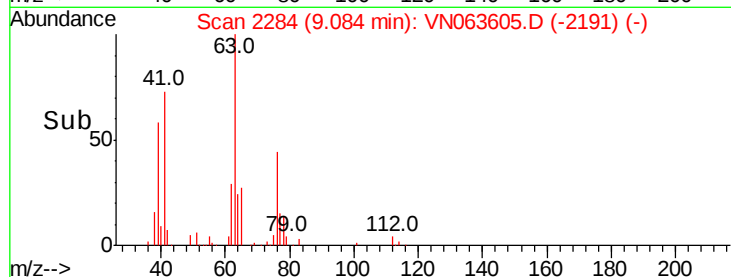
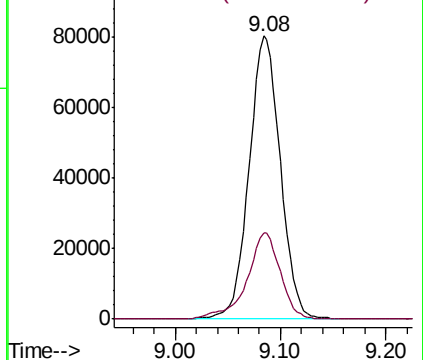
63 100

65 30.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.156 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

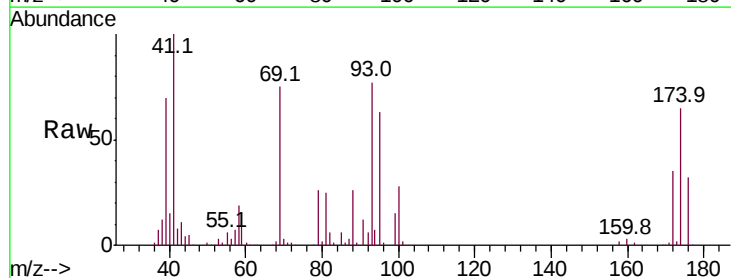
Tgt Ion: 93 Resp: 113813

Ion Ratio Lower Upper

93 100

95 81.4 65.6 98.4

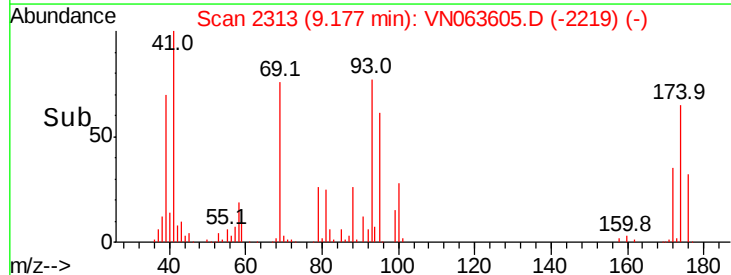
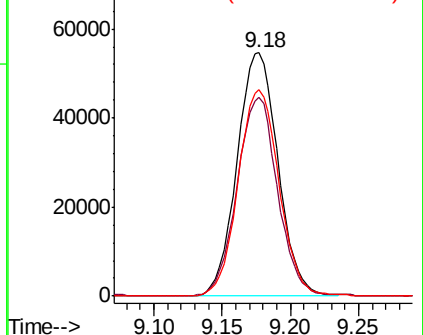
174 85.0 68.1 102.1

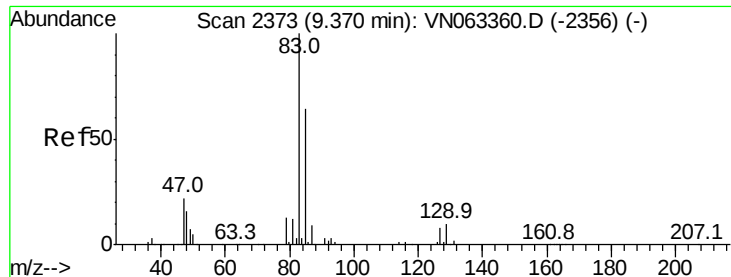


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.089 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

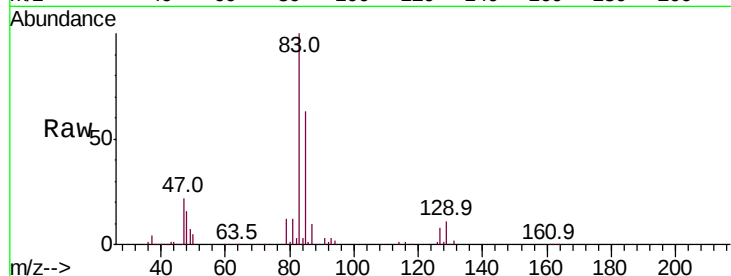
Tot Ion: 83 Resp: 236113

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.6

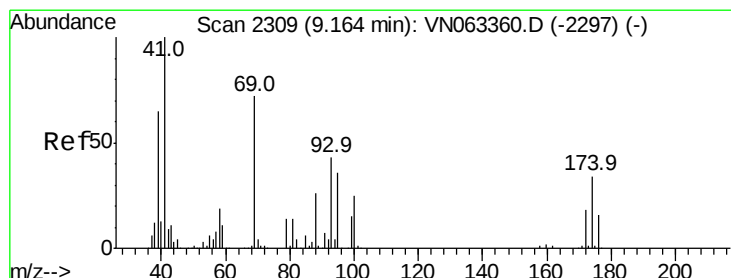
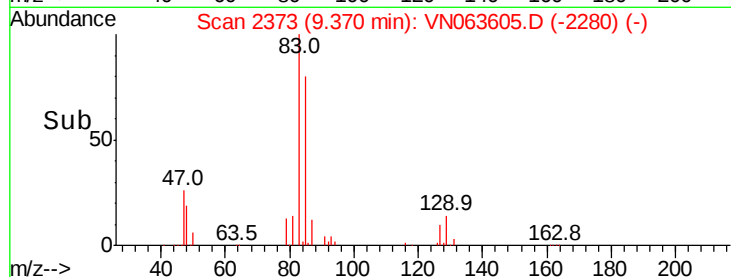
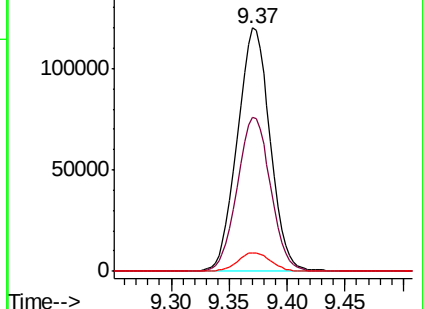
127 7.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)



#48

Methyl methacrylate

Concen: 46.123 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

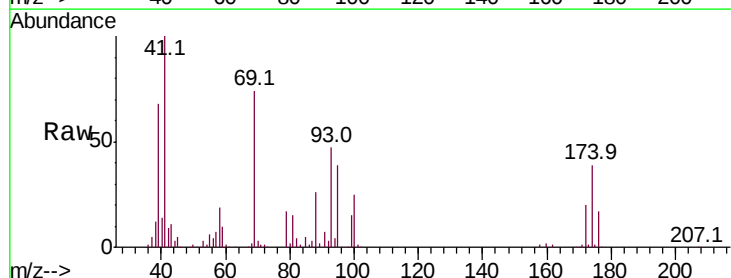
Tgt Ion: 41 Resp: 183931

Ion Ratio Lower Upper

41 100

69 74.9 59.3 88.9

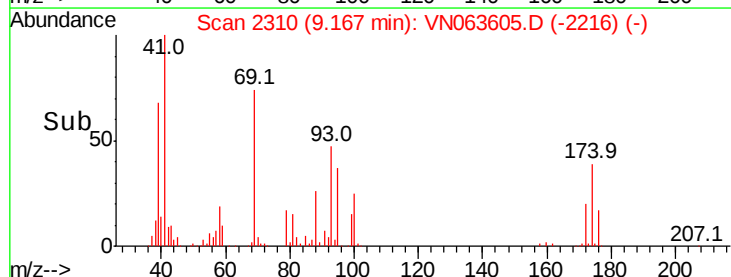
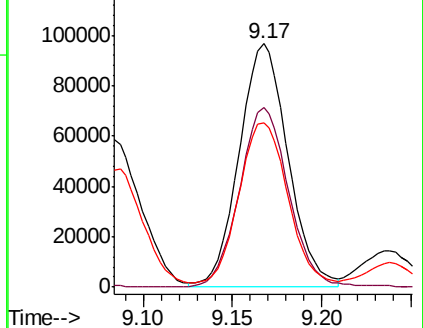
39 68.6 52.9 79.3

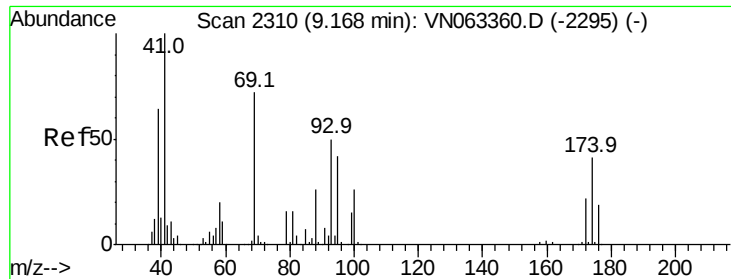


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)

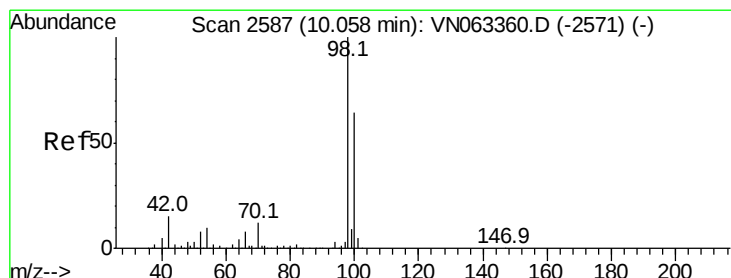
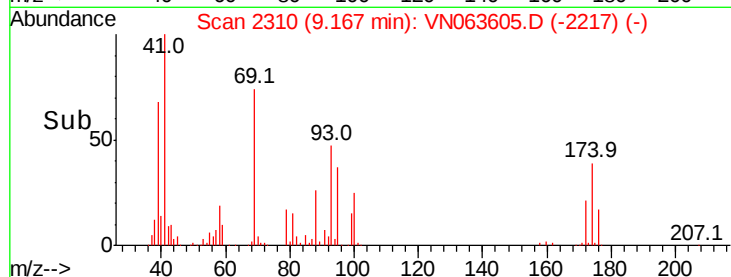
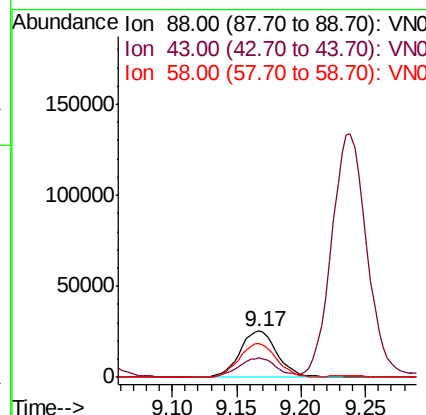
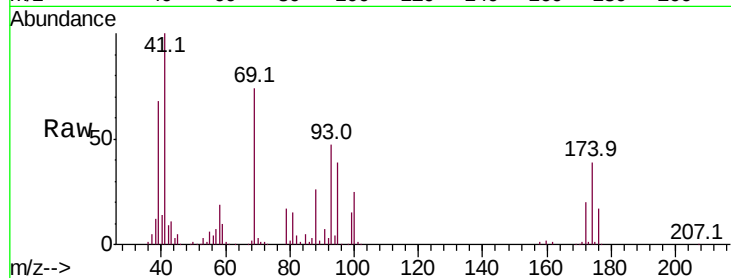




#49
1,4-Dioxane
Concen: 899.274 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

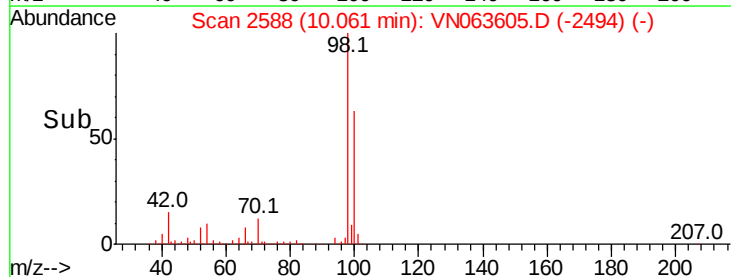
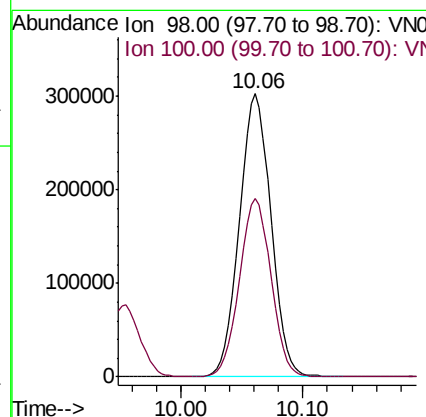
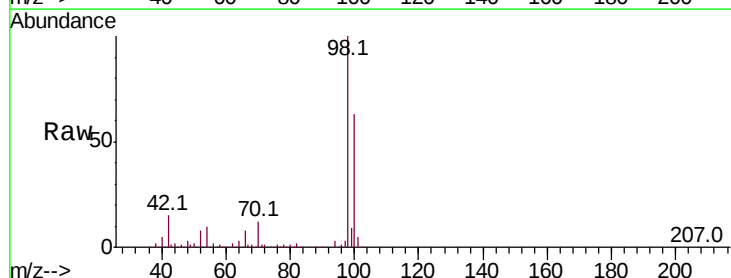
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

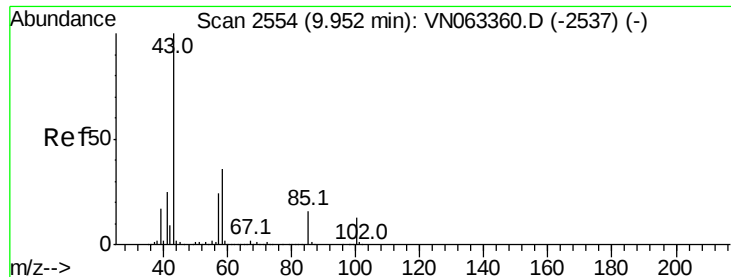
Tot Ion: 88 Resp: 51463
Ion Ratio Lower Upper
88 100
43 39.0 32.6 49.0
58 73.4 60.0 90.0



#50
Toluene-d8
Concen: 47.997 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 98 Resp: 542405
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 238.342 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

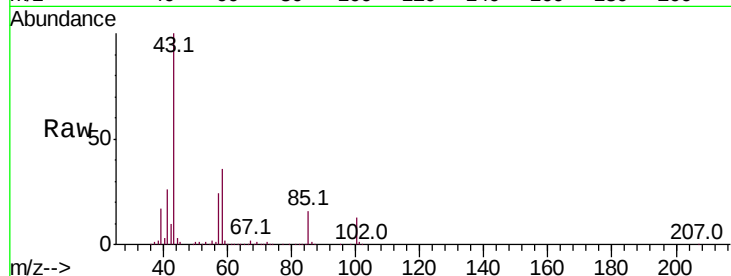
RE131D1-20200916MSD

Tot Ion: 43 Resp: 1083032

Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

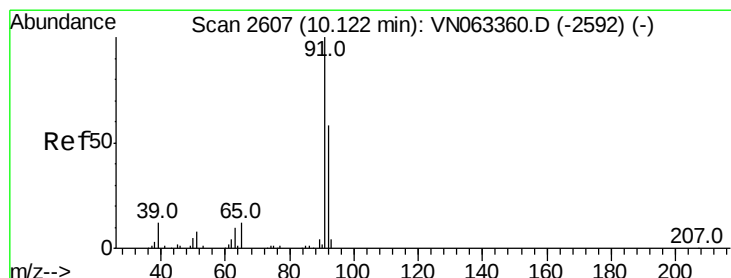
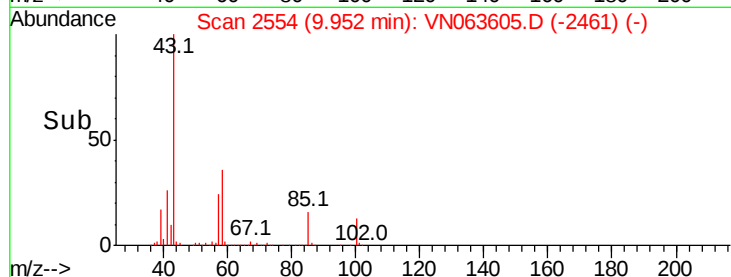
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 47.667 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063605.D

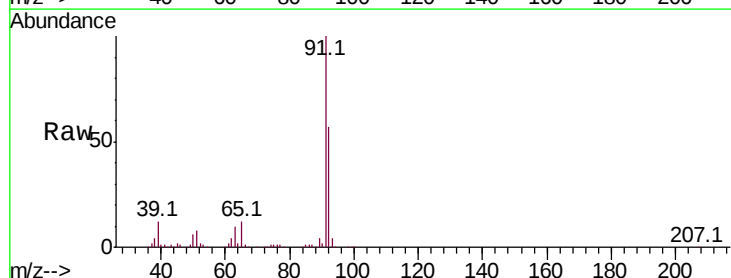
Acq: 23 Sep 2020 21:42

Tgt Ion: 92 Resp: 378380

Ion Ratio Lower Upper

92 100

91 175.7 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

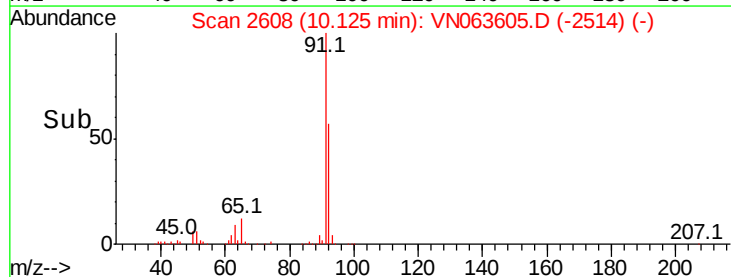
200000

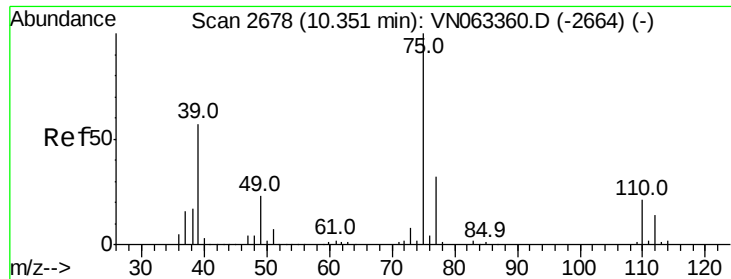
100000

0

10.10 10.13 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 44.785 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

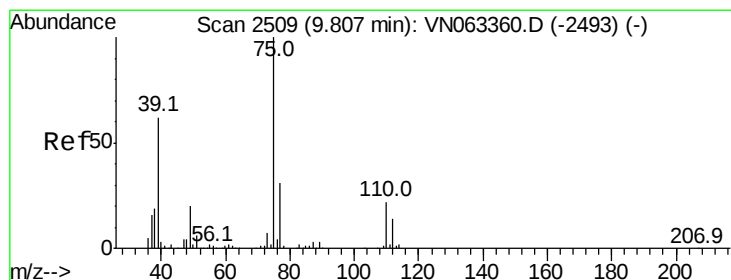
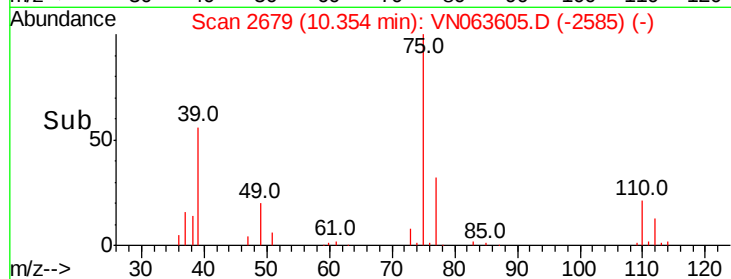
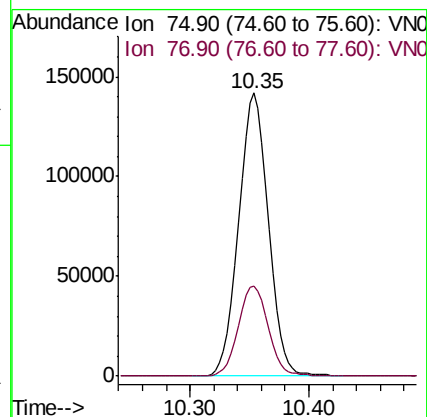
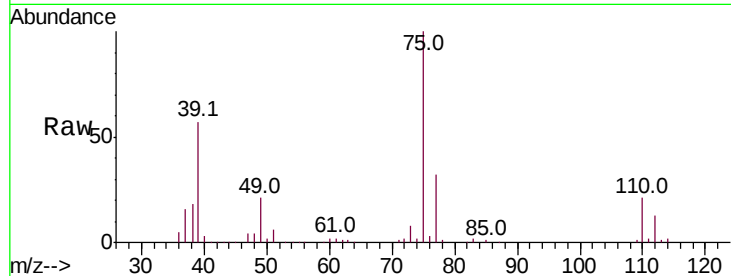
RE131D1-20200916MSD

Tot Ion: 75 Resp: 245483

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 43.942 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

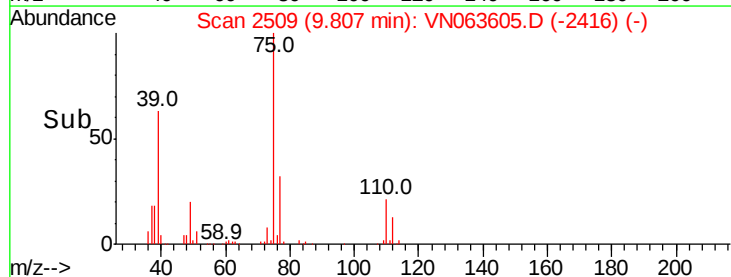
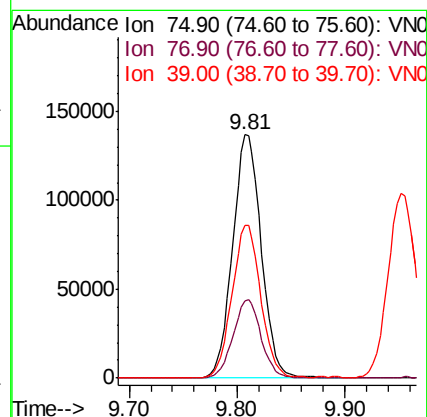
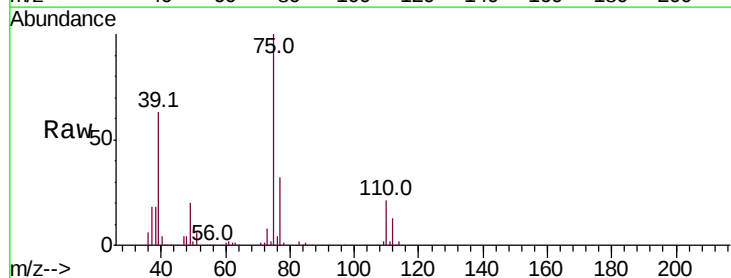
Tgt Ion: 75 Resp: 254061

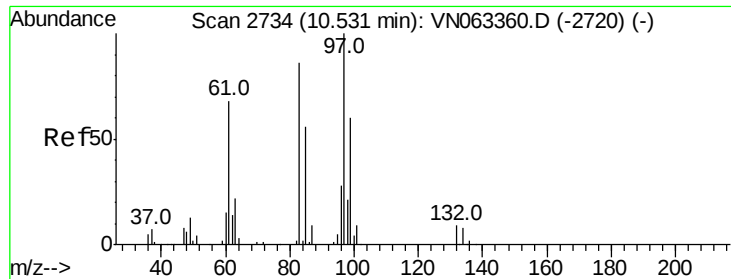
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 62.6 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 49.357 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

Tot Ion: 97 Resp: 155624

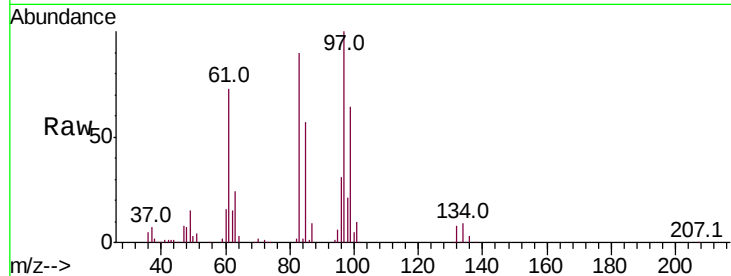
Ion Ratio Lower Upper

97 100

83 89.6 68.9 103.3

85 57.3 44.8 67.2

99 63.5 47.8 71.8

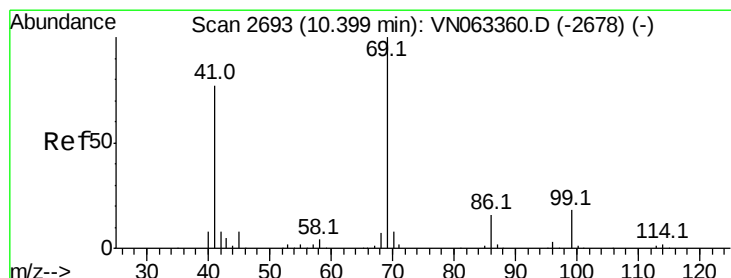
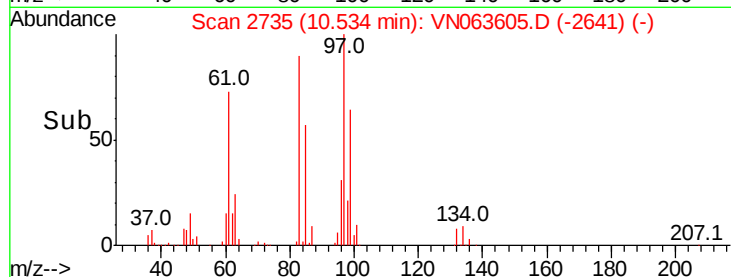
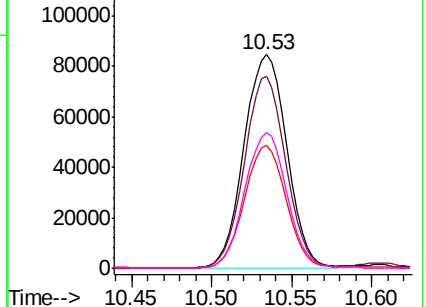


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 46.545 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

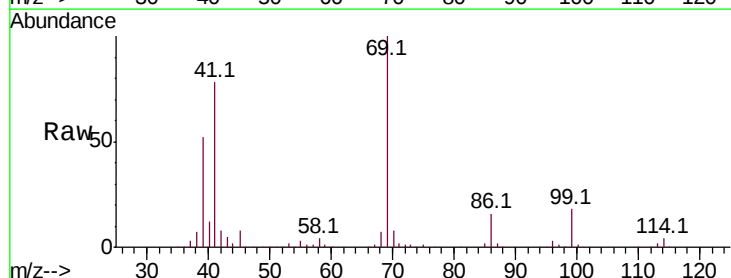
Tgt Ion: 69 Resp: 229104

Ion Ratio Lower Upper

69 100

41 76.8 61.0 91.6

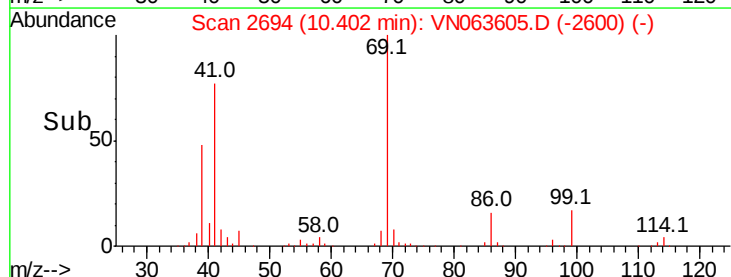
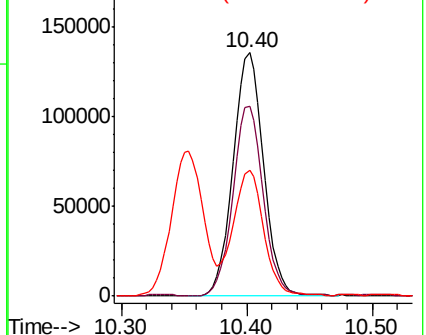
39 51.9 39.2 58.8



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 45.900 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

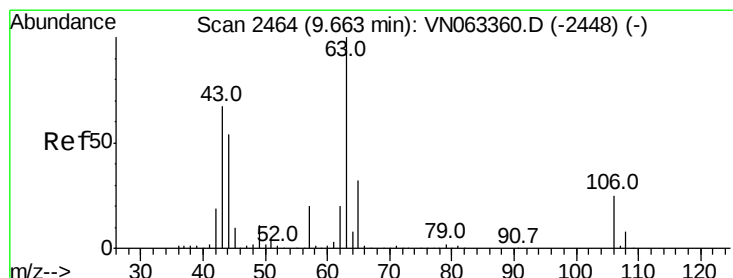
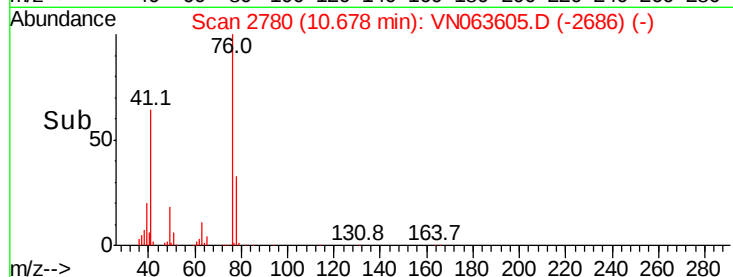
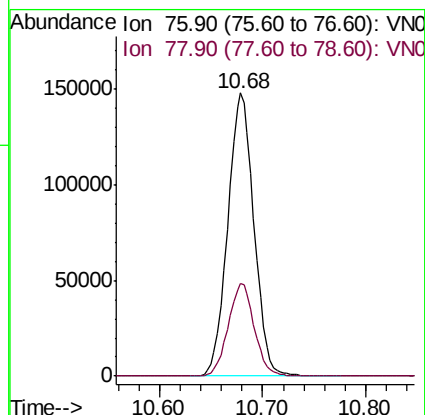
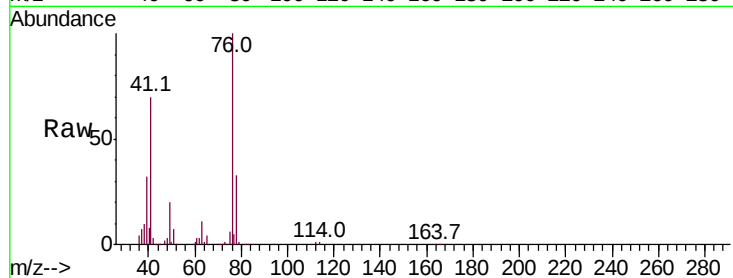
RE131D1-20200916MSD

Tot Ion: 76 Resp: 260983

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 0.623 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. 0.14 min

Lab File: VN063605.D

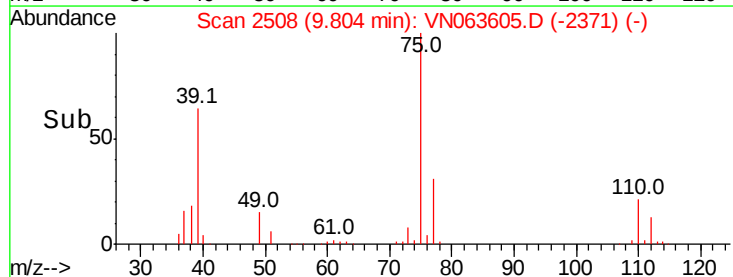
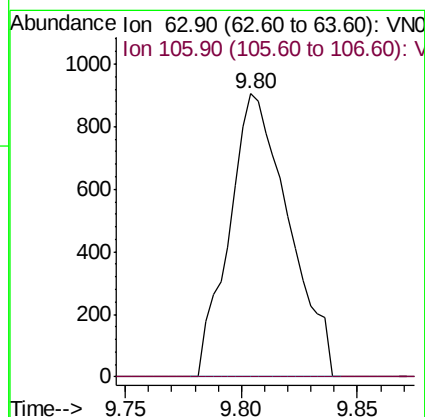
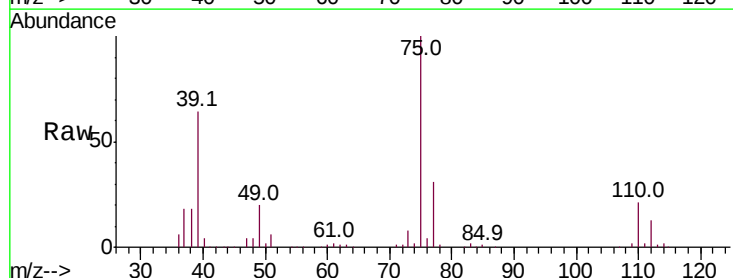
Acq: 23 Sep 2020 21:42

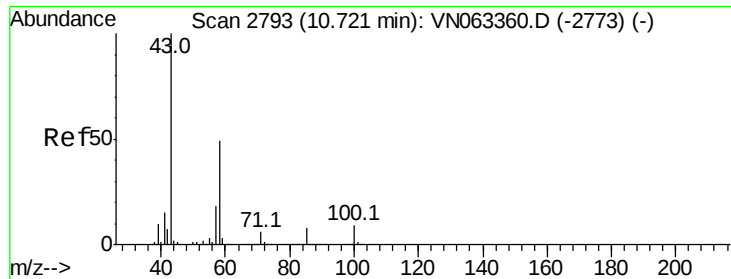
Tgt Ion: 63 Resp: 1608

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#

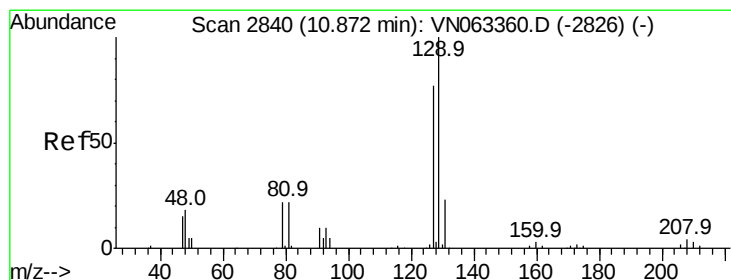
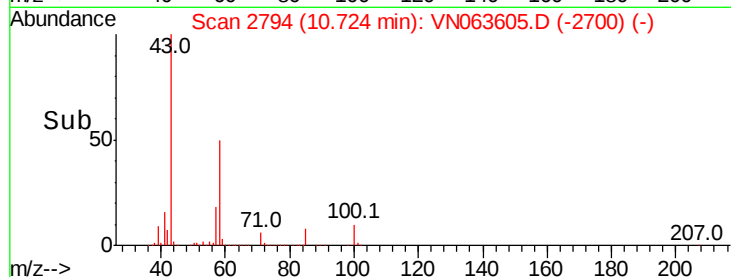
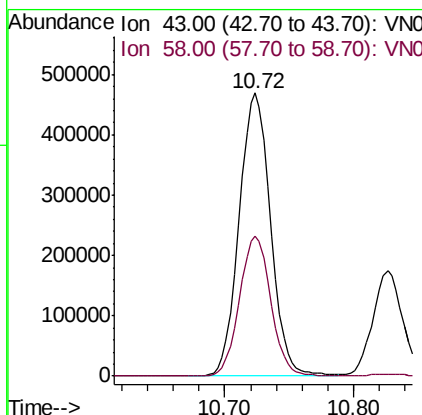
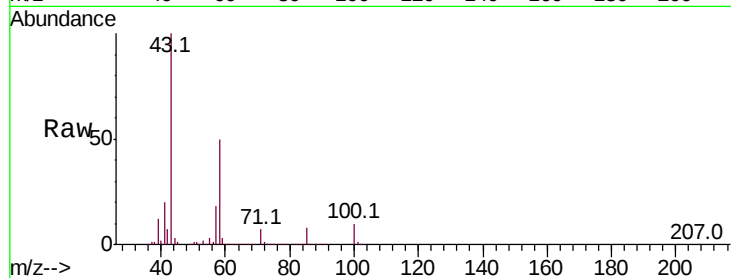




#59
2-Hexanone
Concen: 241.116 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

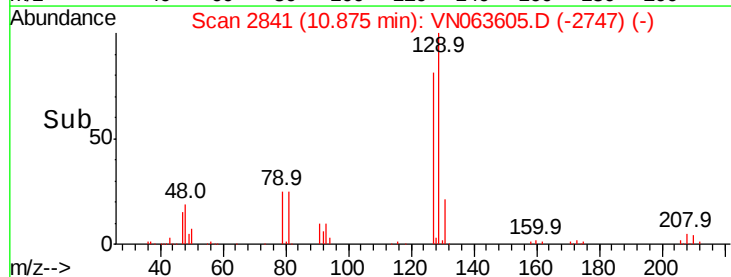
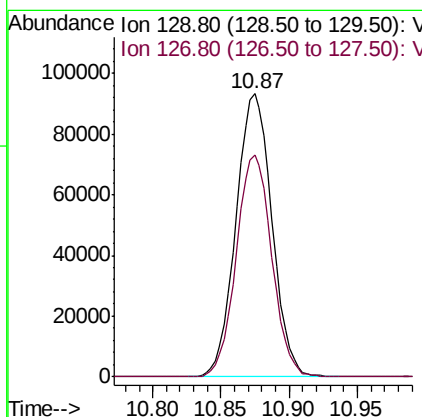
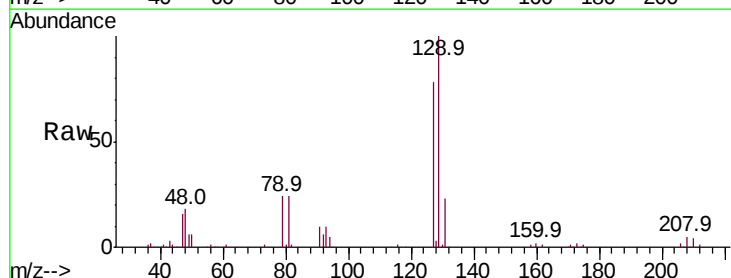
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

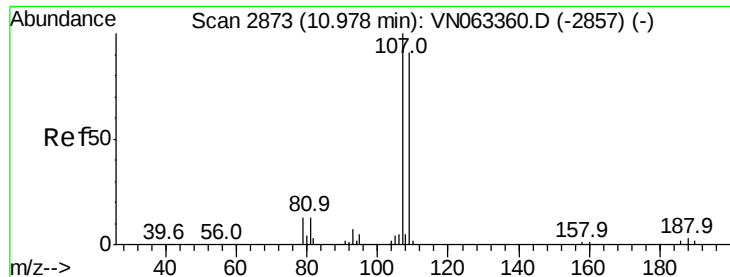
Tot Ion: 43 Resp: 793758
Ion Ratio Lower Upper
43 100
58 49.6 24.7 74.1



#60
Dibromochloromethane
Concen: 48.008 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 129 Resp: 171007
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

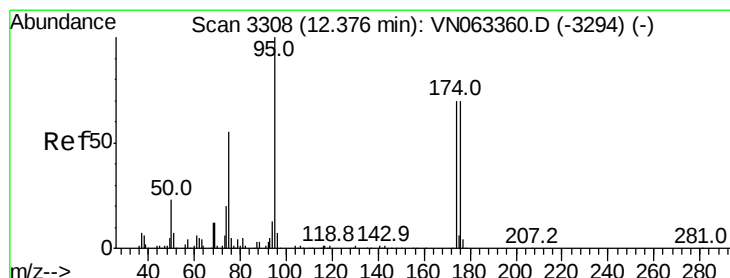
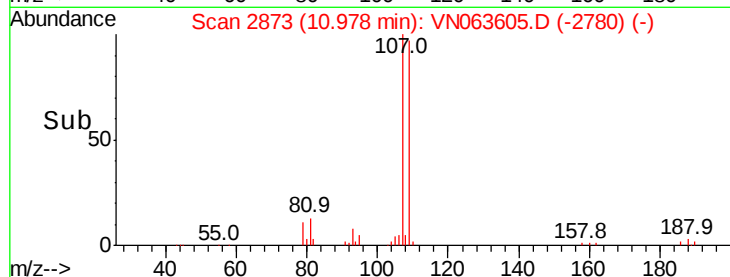
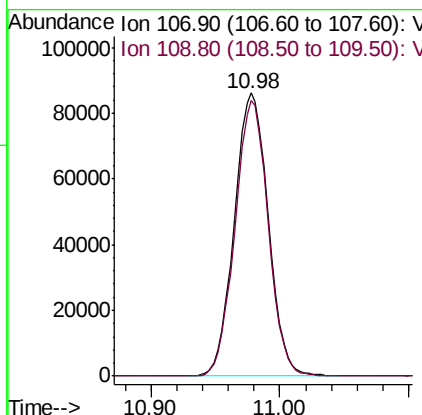
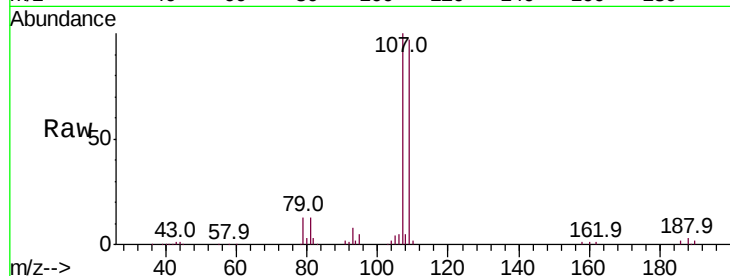




#61
 1,2-Dibromoethane
 Concen: 48.085 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

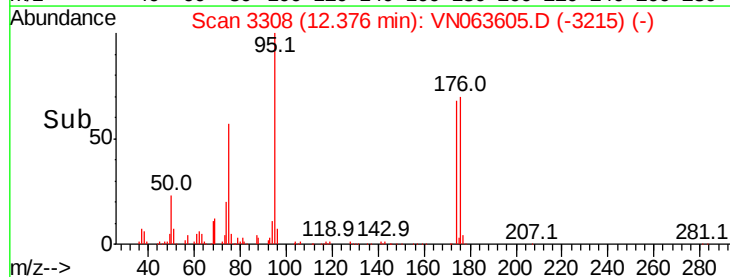
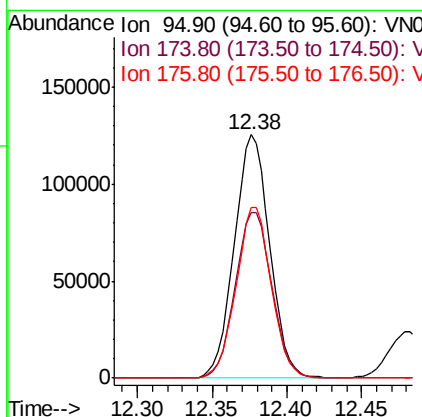
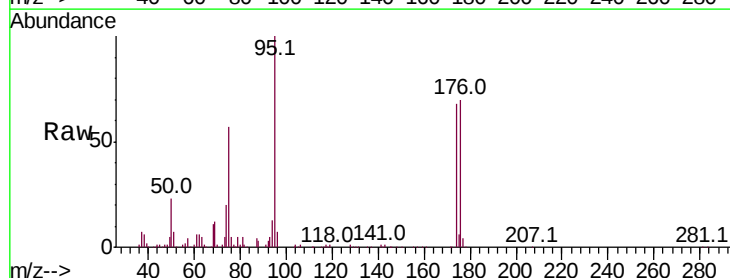
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

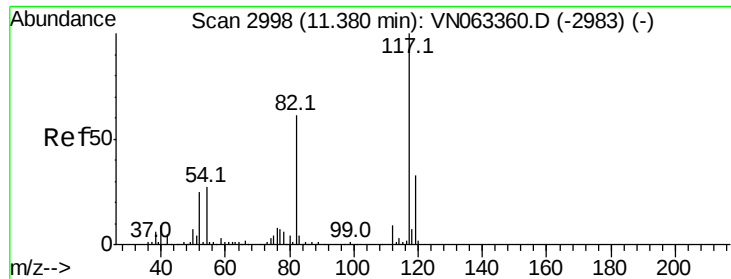
Tot Ion: 107 Resp: 157513
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 49.819 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion: 95 Resp: 206385
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 140.8
 176 69.9 0.0 137.6

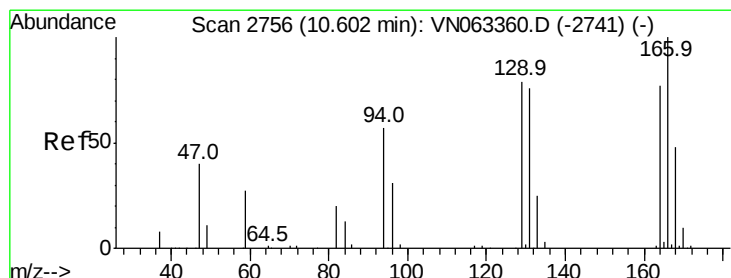
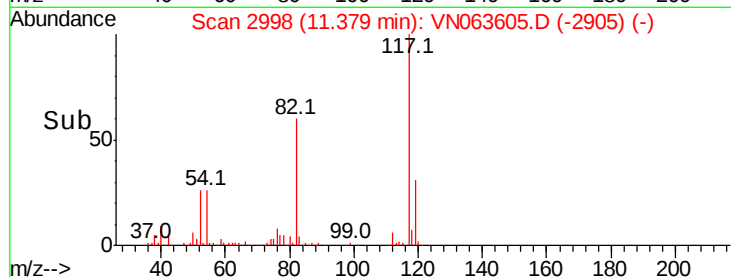
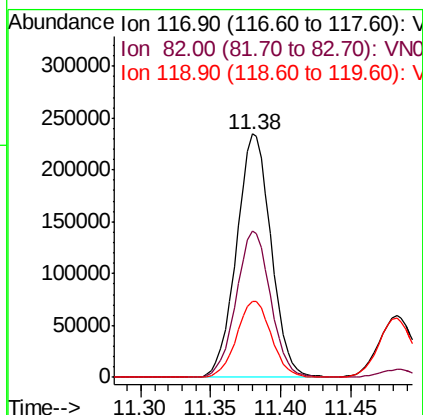
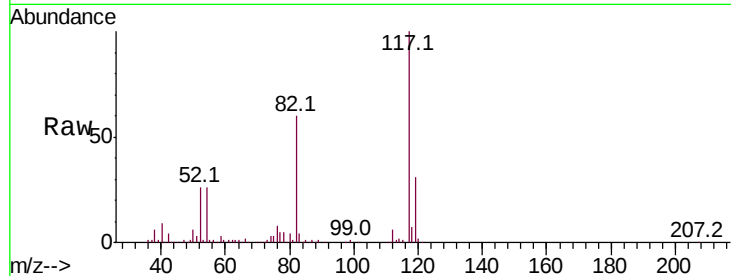




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

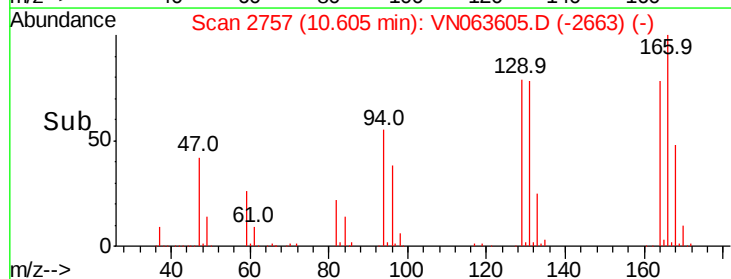
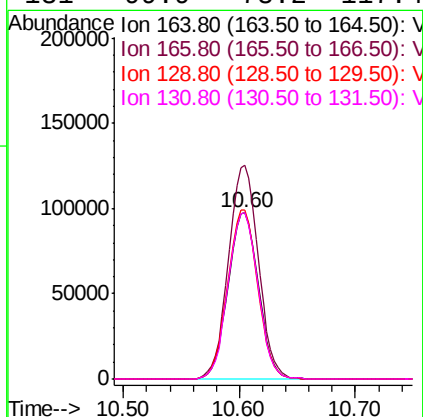
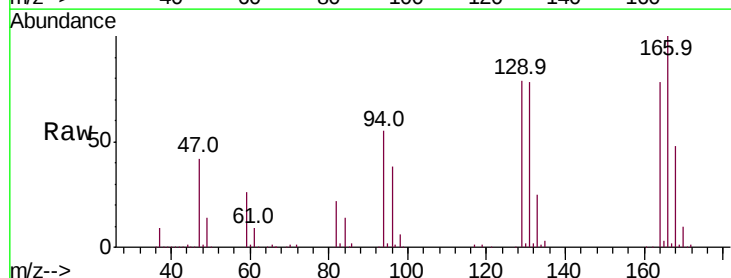
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

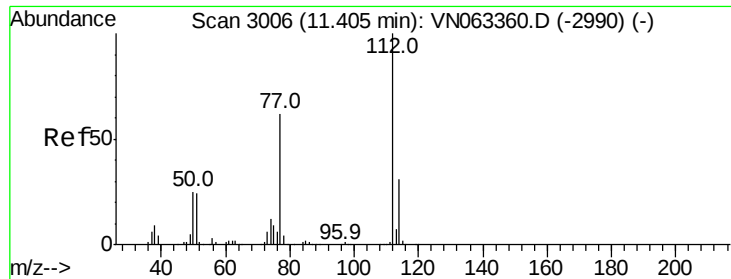
Tot Ion:117 Resp: 402961
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.2 26.2 39.4



#64
Tetrachloroethene
Concen: 63.953 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion:164 Resp: 175478
Ion Ratio Lower Upper
164 100
166 128.4 103.4 155.0
129 101.6 81.8 122.6
131 99.9 78.2 117.4

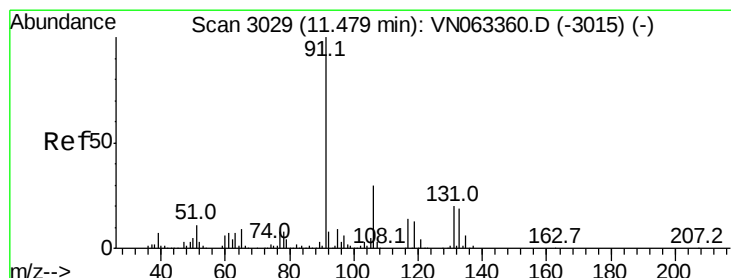
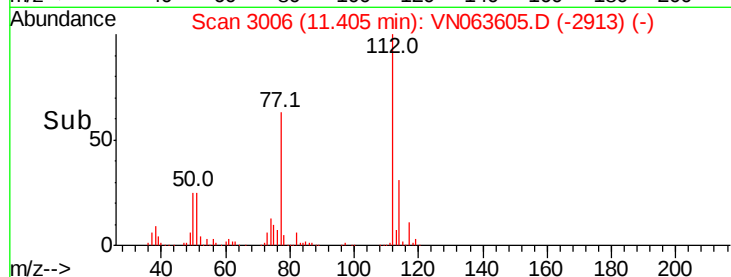
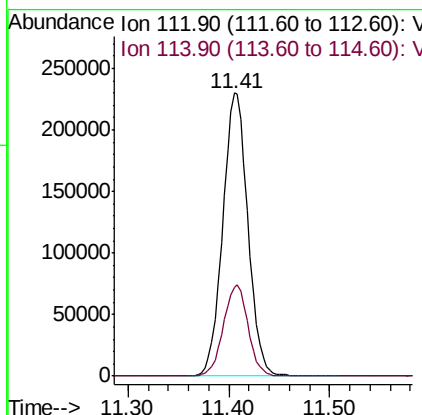
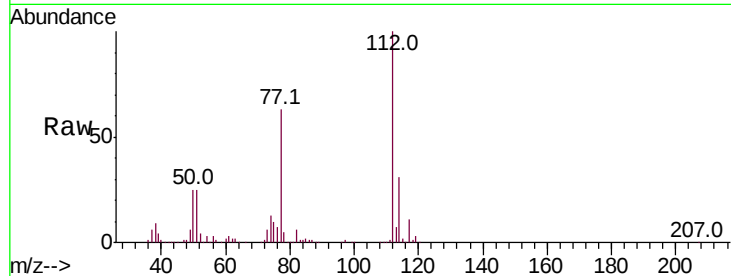




#65
Chlorobenzene
Concen: 46.698 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

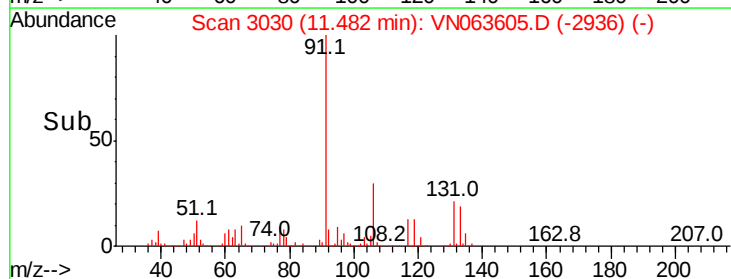
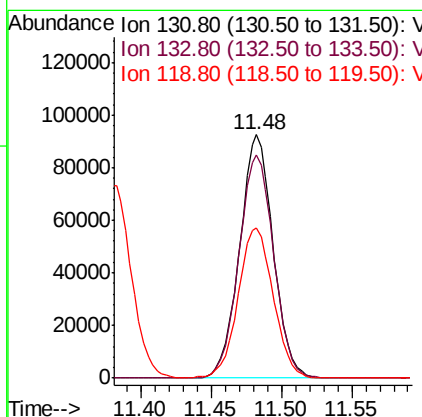
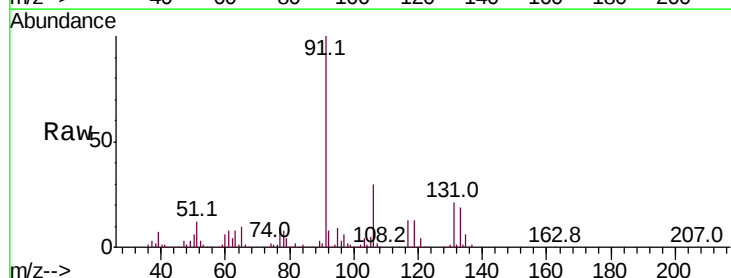
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

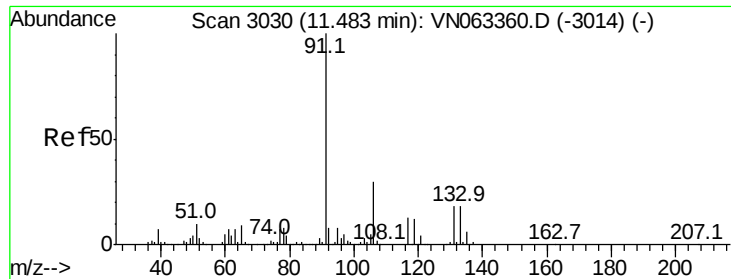
Tot Ion:112 Resp: 399440
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.140 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion:131 Resp: 154077
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 64.7 33.6 100.8

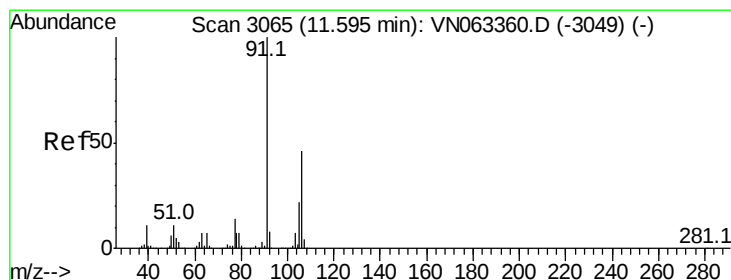
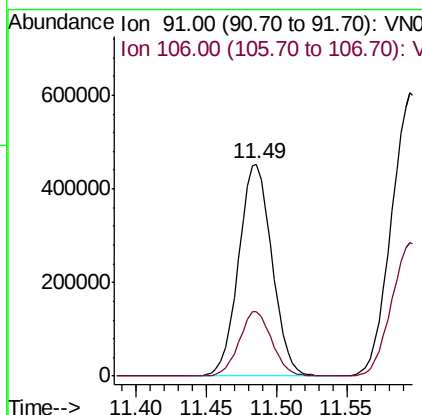
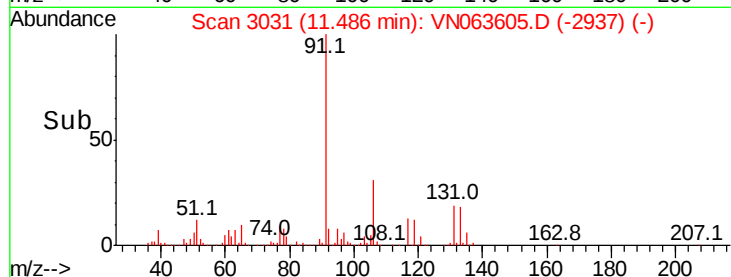
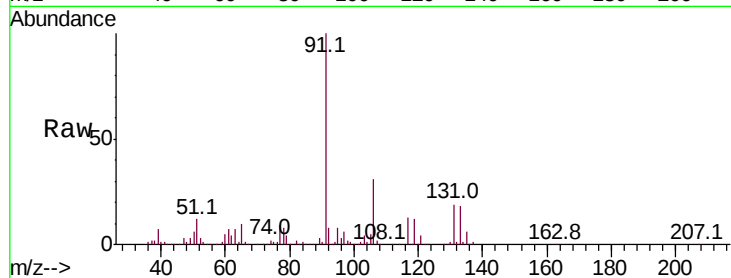




#67
Ethyl Benzene
Concen: 46.685 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

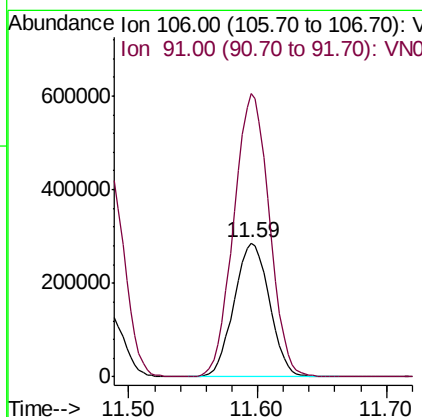
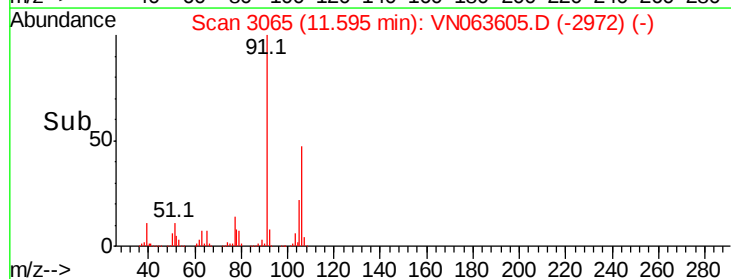
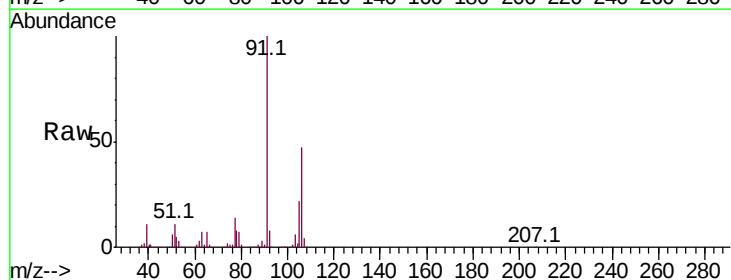
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

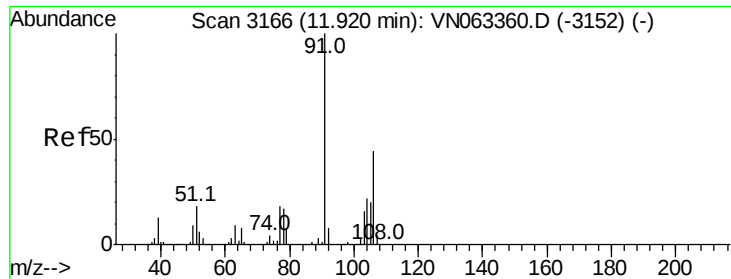
Tot Ion: 91 Resp: 752008
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 94.179 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion: 106 Resp: 546975
Ion Ratio Lower Upper
106 100
91 211.9 171.2 256.8

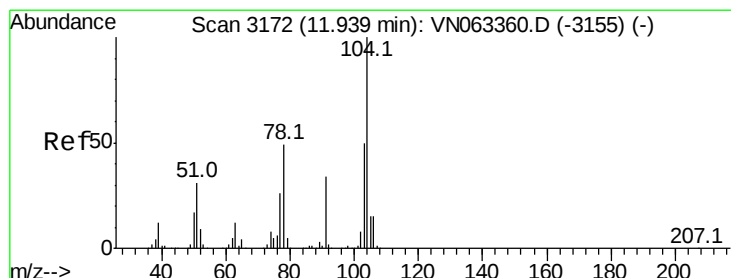
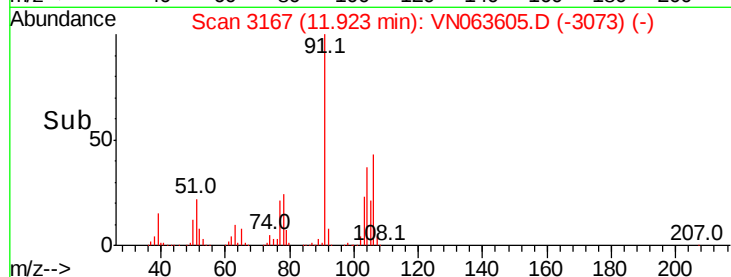
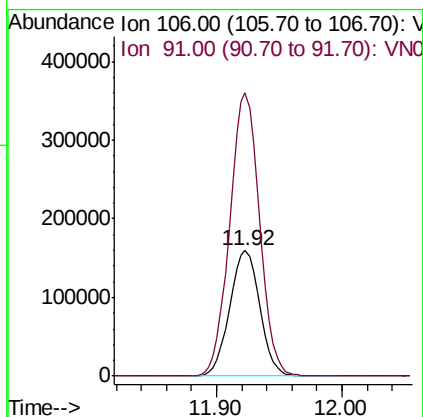
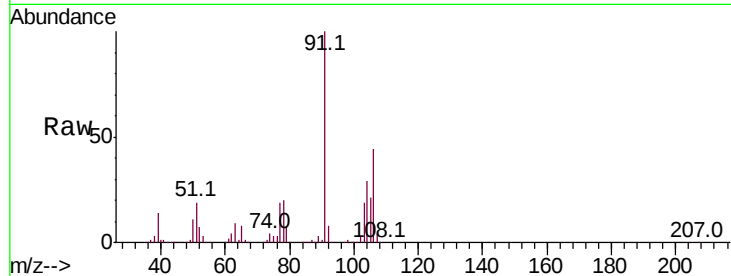




#69
o-Xylene
Concen: 47.970 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

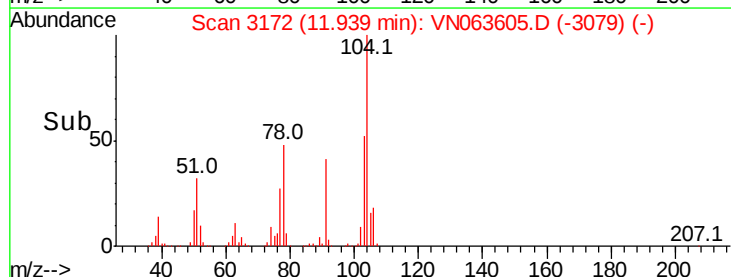
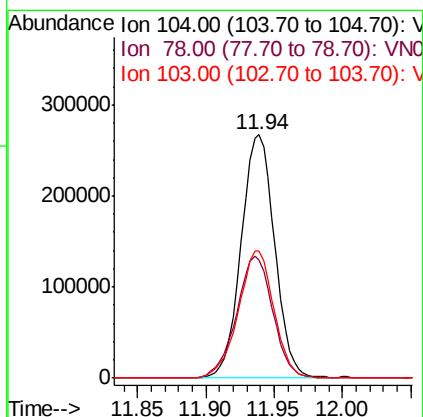
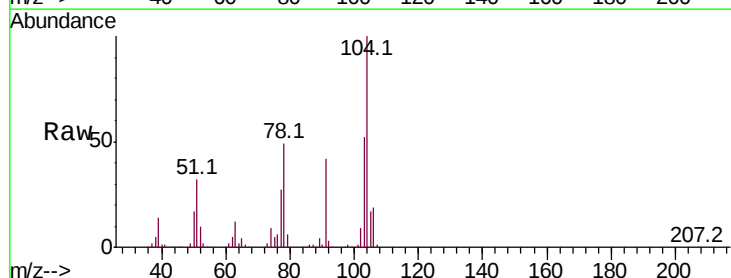
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

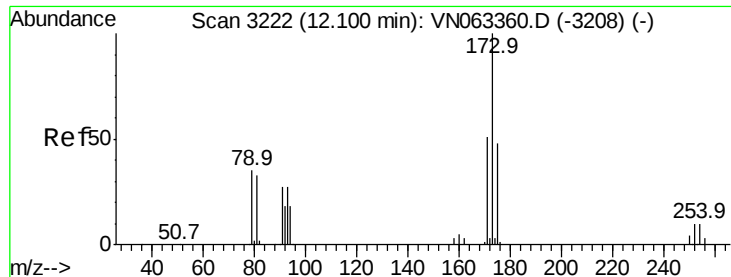
Tot Ion:106 Resp: 265398
Ion Ratio Lower Upper
106 100
91 223.3 113.6 340.8



#70
Styrene
Concen: 49.199 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion:104 Resp: 456475
Ion Ratio Lower Upper
104 100
78 54.3 44.4 66.6
103 55.5 43.7 65.5





#71

Bromoform

Concen: 48.558 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

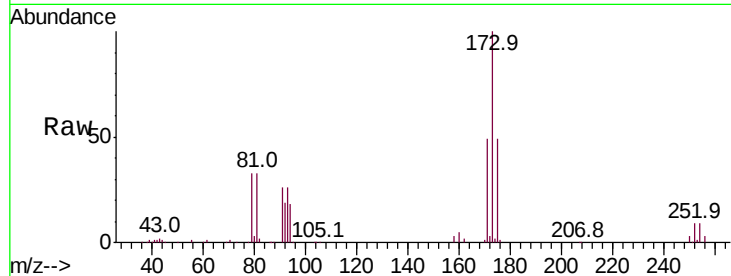
Tot Ion:173 Resp: 113425

Ion Ratio Lower Upper

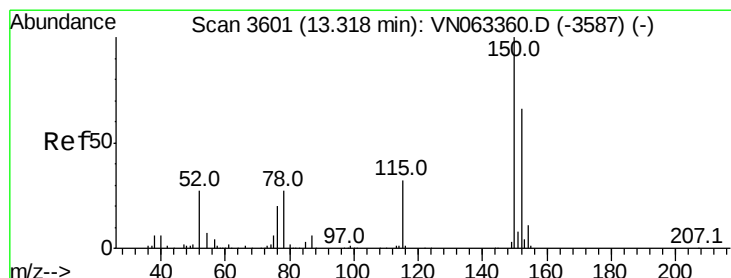
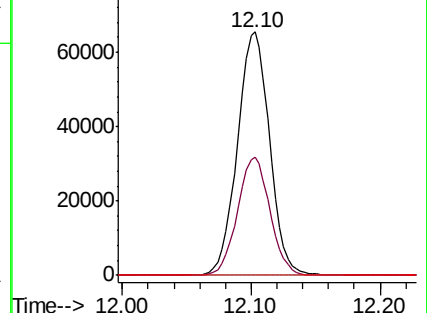
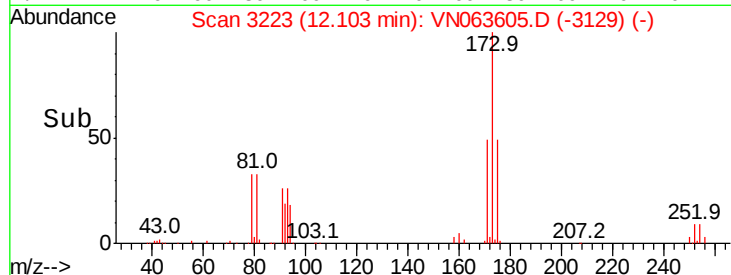
173 100

175 48.7 24.0 72.0

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# 3601

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

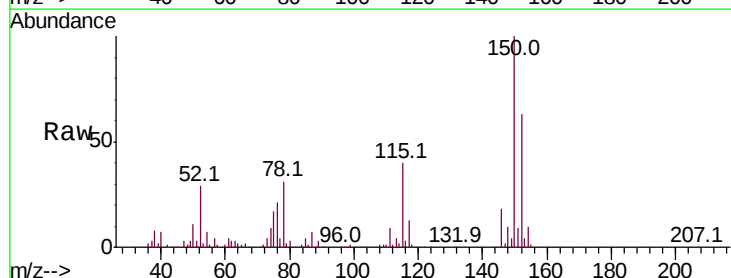
Tgt Ion:152 Resp: 196145

Ion Ratio Lower Upper

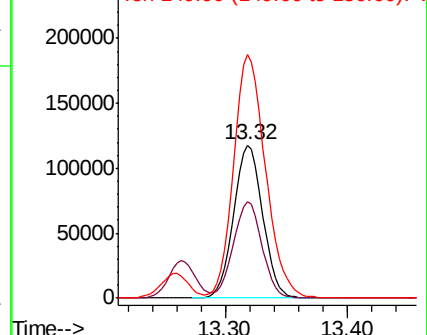
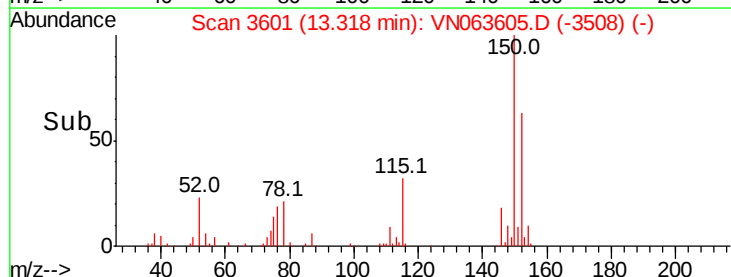
152 100

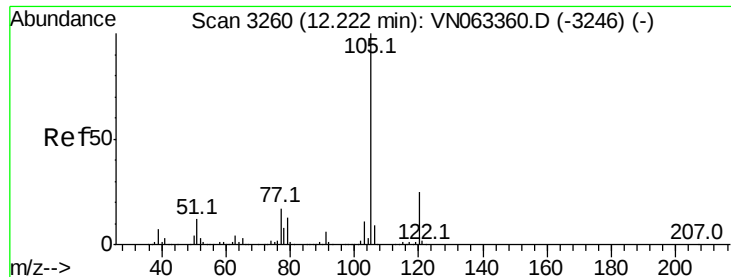
115 62.1 32.2 96.6

150 173.4 0.0 343.4



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: 45.184 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

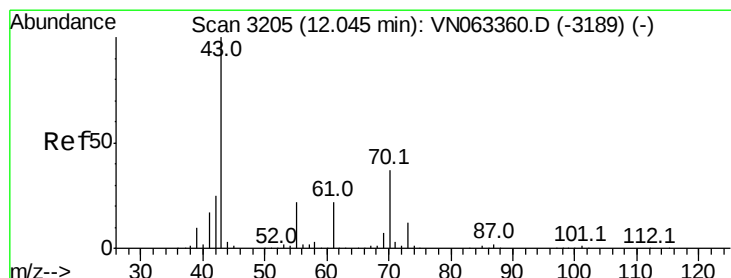
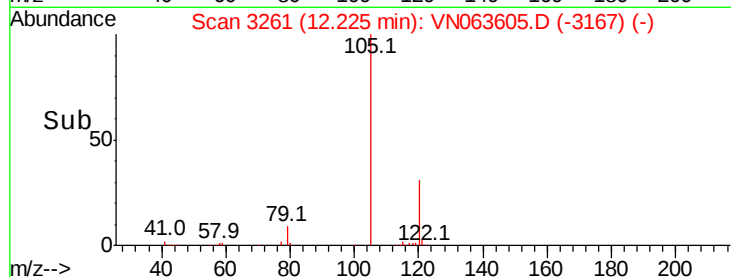
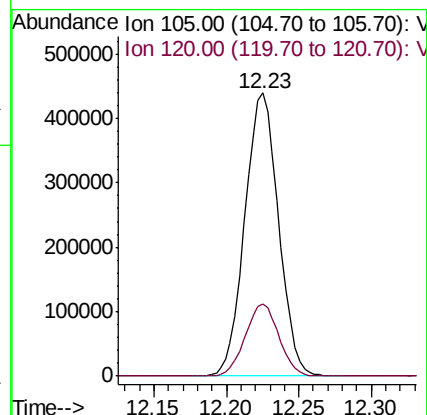
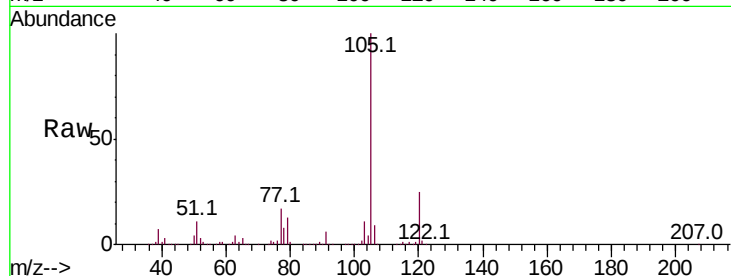
RE131D1-20200916MSD

Tot Ion:105 Resp: 710195

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0



#74

N-ethyl acetate

Concen: 40.183 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Tgt Ion: 43 Resp: 298981

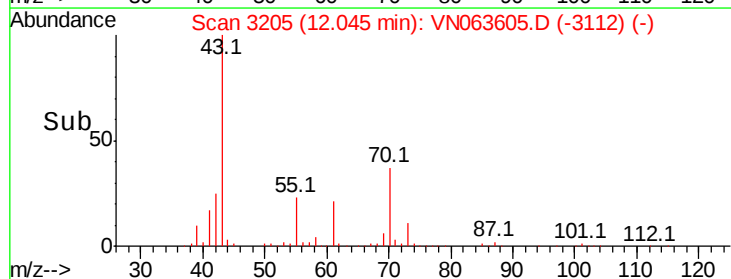
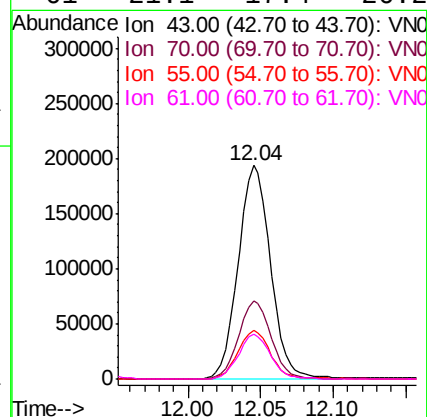
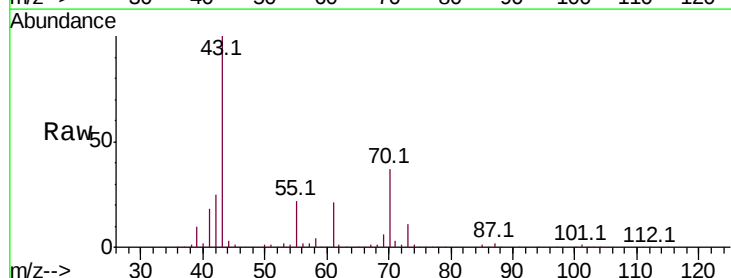
Ion Ratio Lower Upper

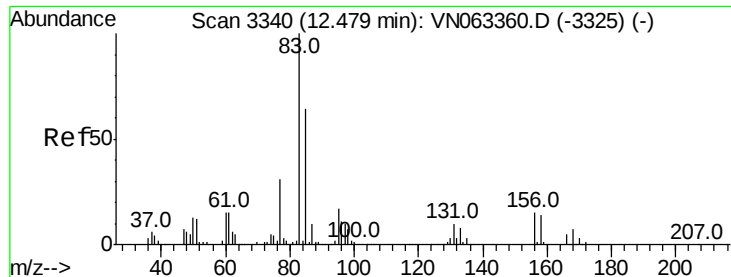
43 100

70 37.0 29.6 44.4

55 23.1 17.7 26.5

61 21.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.445 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

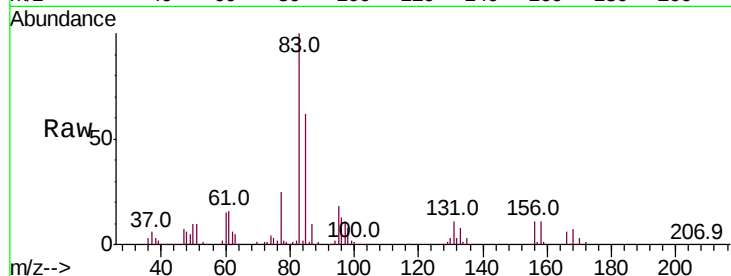
Tot Ion: 83 Resp: 221170

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	63.4	32.0	96.0

83 100

131 10.0 4.9 14.7

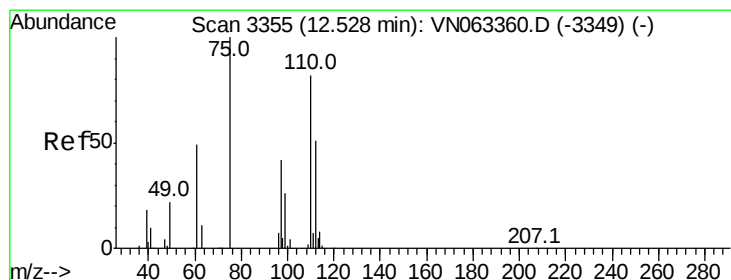
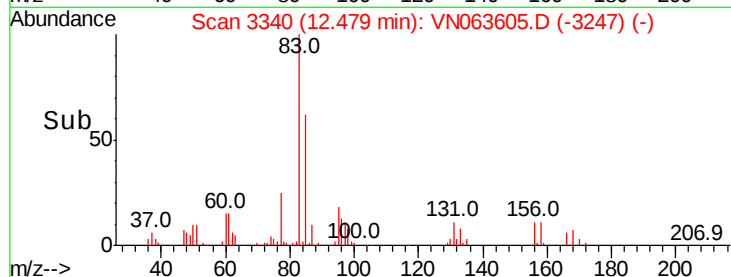
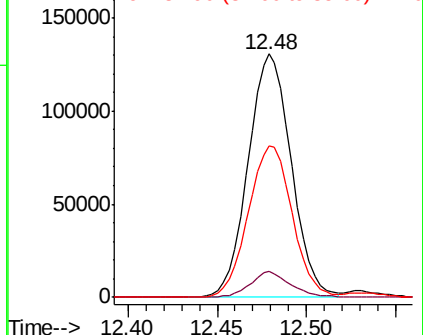
85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 61.784 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063605.D

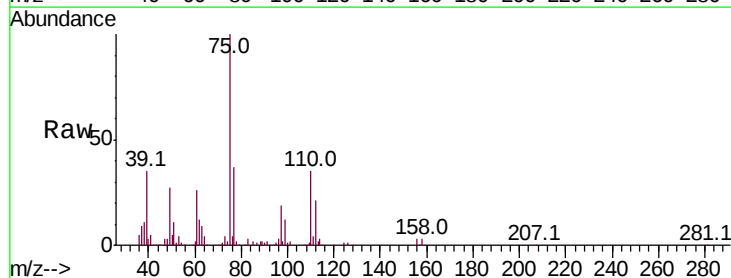
Acq: 23 Sep 2020 21:42

Tgt Ion: 75 Resp: 299951

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

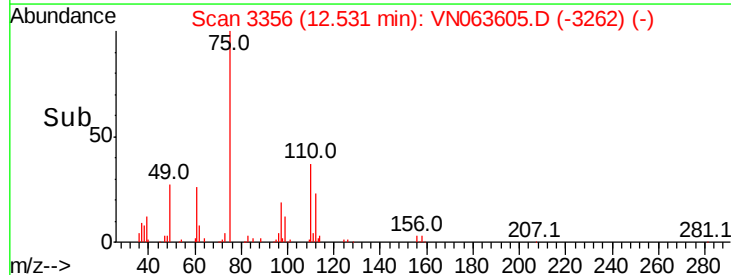
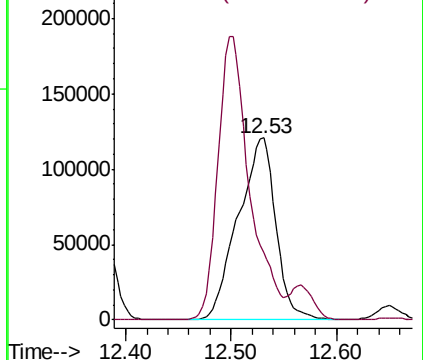
75 100

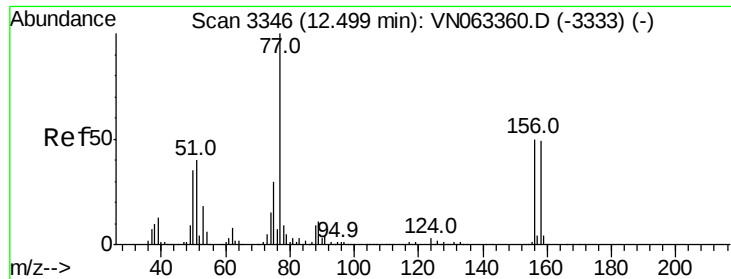
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.349 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

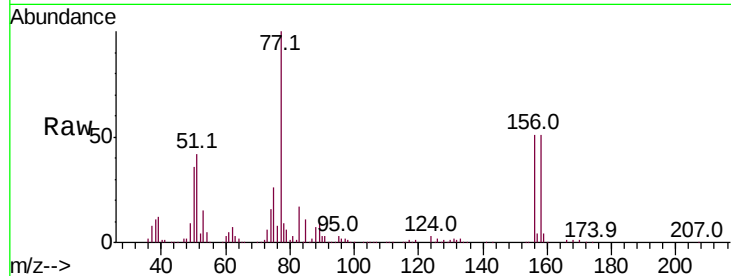
Tot Ion:156 Resp: 167408

Ion Ratio Lower Upper

156 100

77 235.1 120.2 360.6

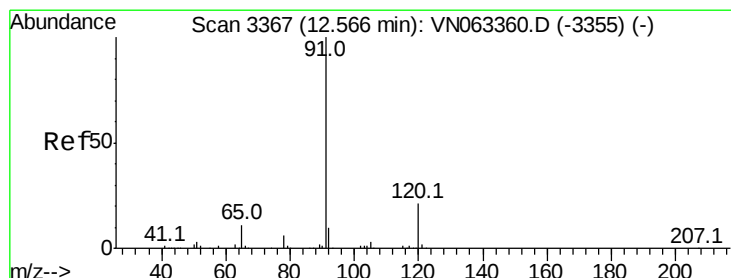
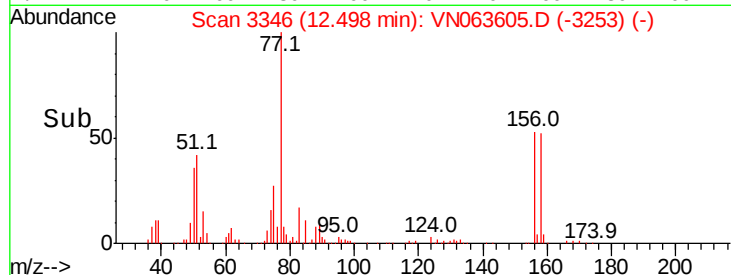
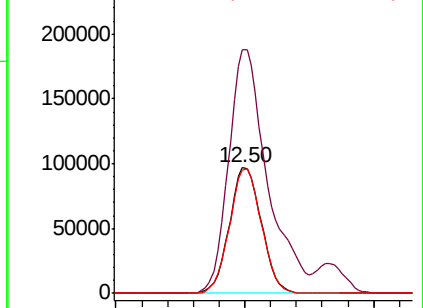
158 98.7 48.9 146.6



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: 45.257 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063605.D

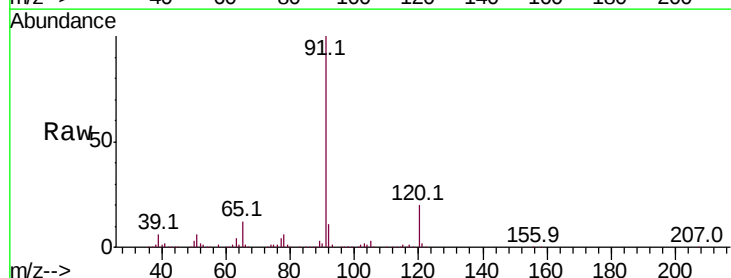
Acq: 23 Sep 2020 21:42

Tgt Ion: 91 Resp: 828514

Ion Ratio Lower Upper

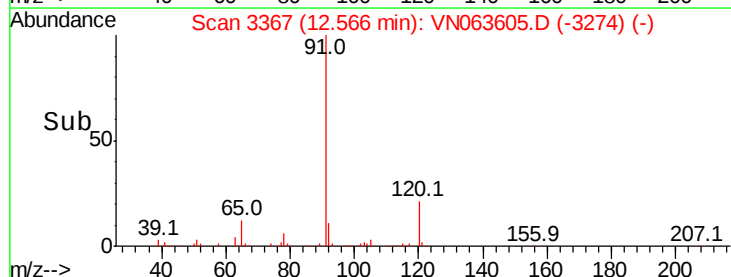
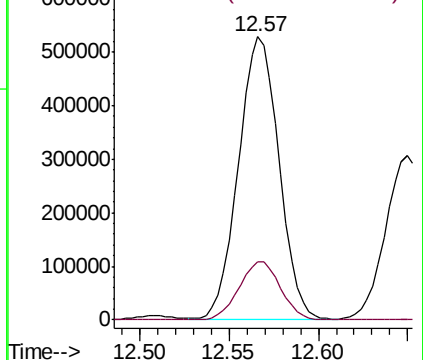
91 100

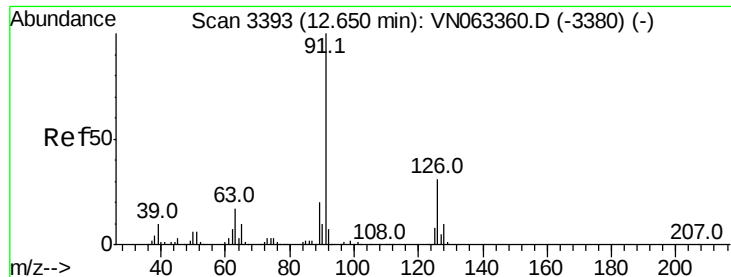
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

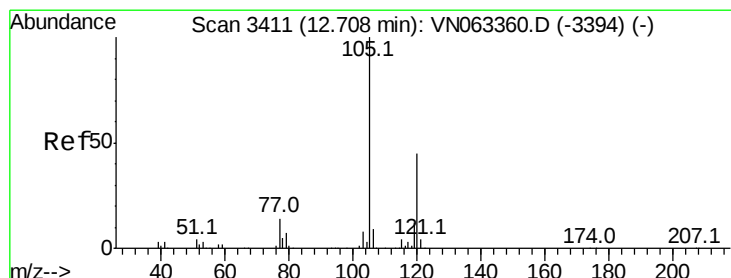
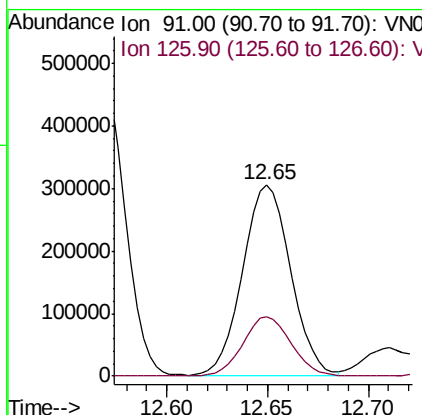
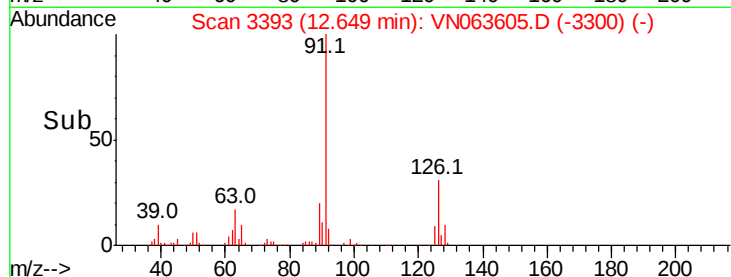
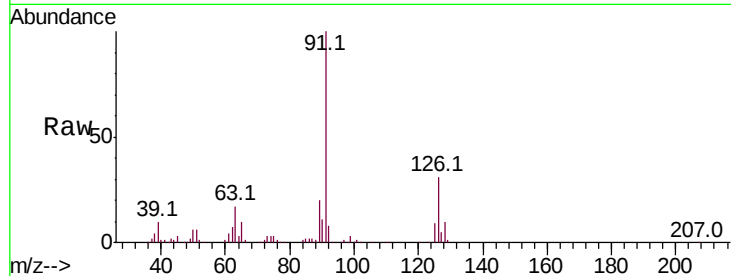




#79
 2-Chlorotoluene
 Concen: 46.247 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

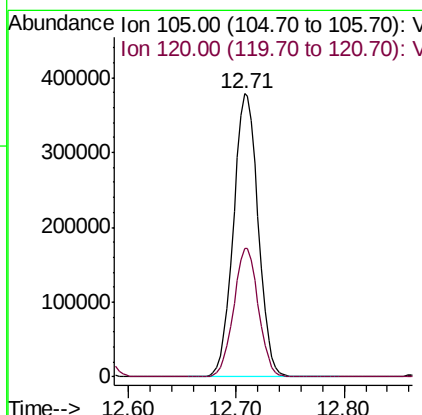
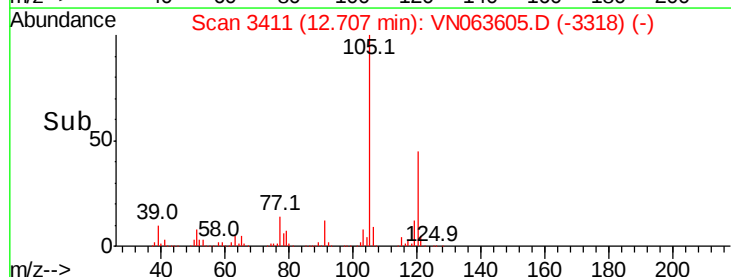
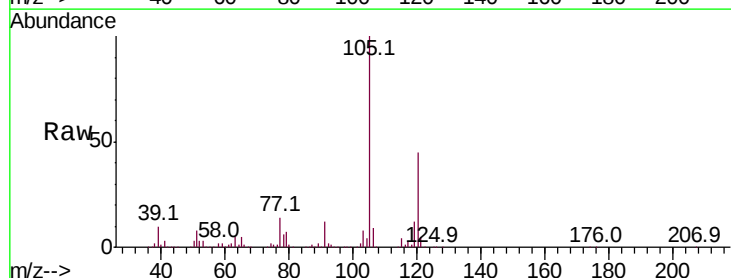
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion: 91 Resp: 507521
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 46.221 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion:105 Resp: 605810
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.024 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

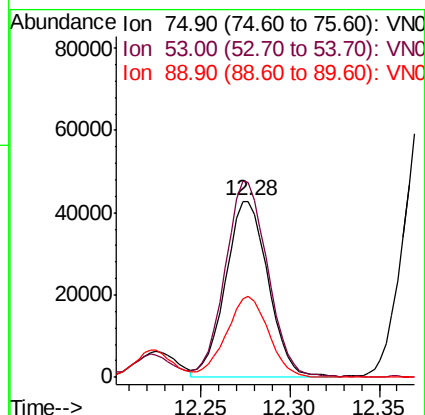
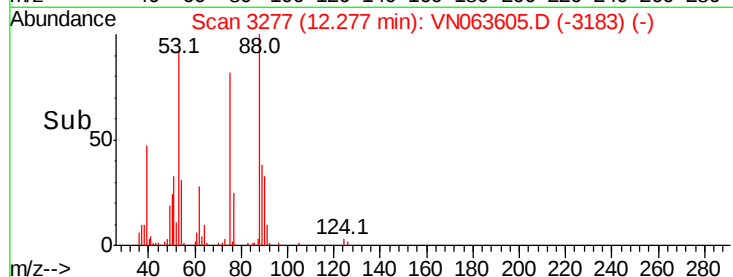
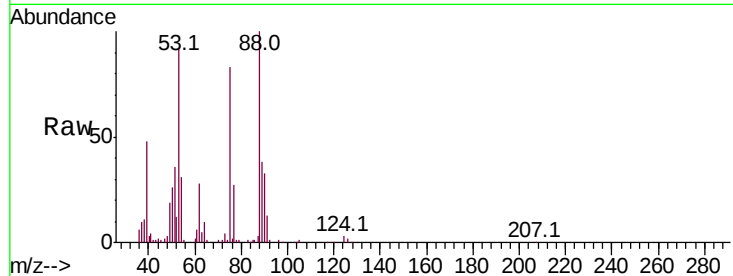
Tot Ion: 75 Resp: 70875

Ion Ratio Lower Upper

75 100

53 110.7 85.7 128.5

89 46.6 38.0 57.0



#82

4-Chlorotoluene

Concen: 46.002 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063605.D

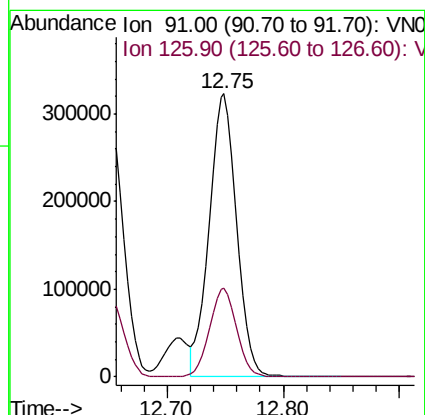
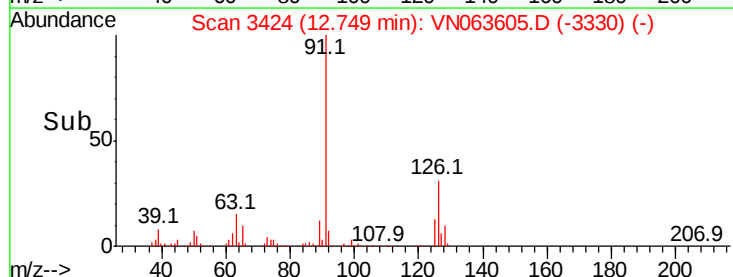
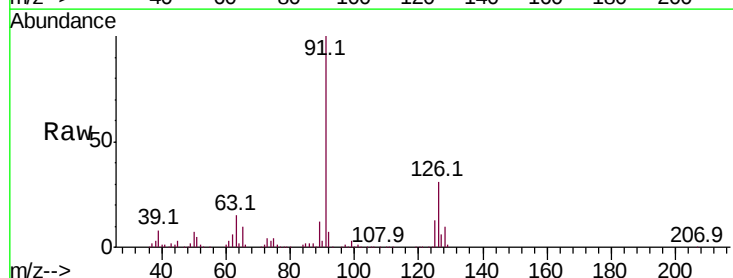
Acq: 23 Sep 2020 21:42

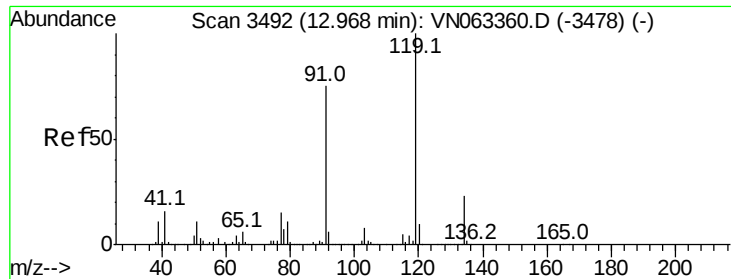
Tgt Ion: 91 Resp: 533392

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

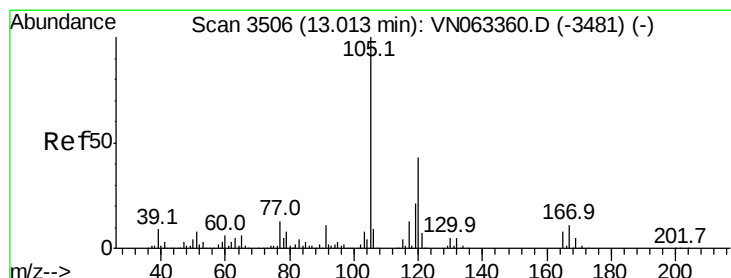
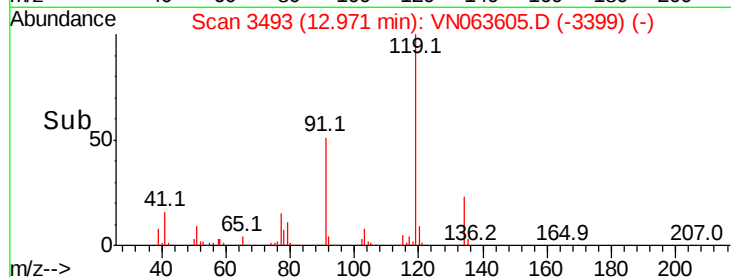
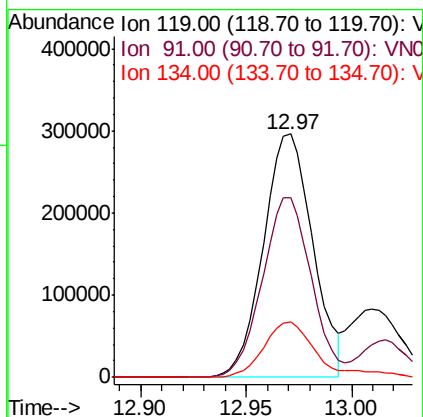
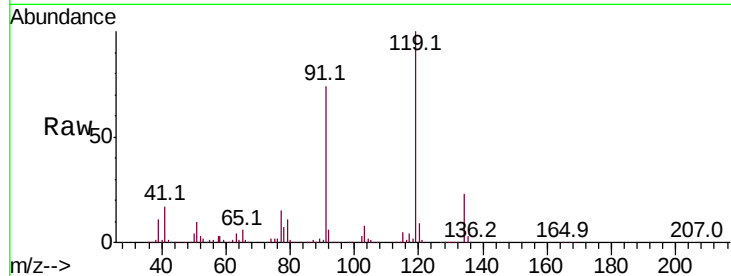




#83
tert-Butylbenzene
Concen: 44.712 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

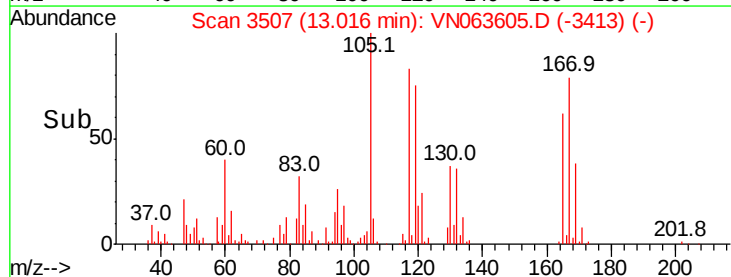
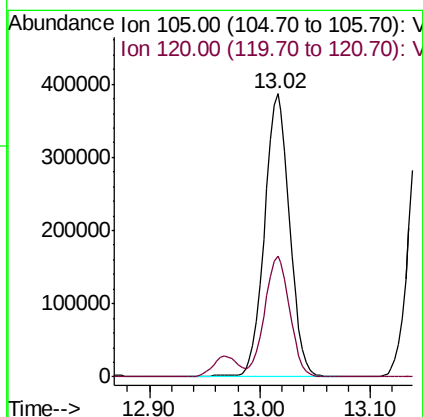
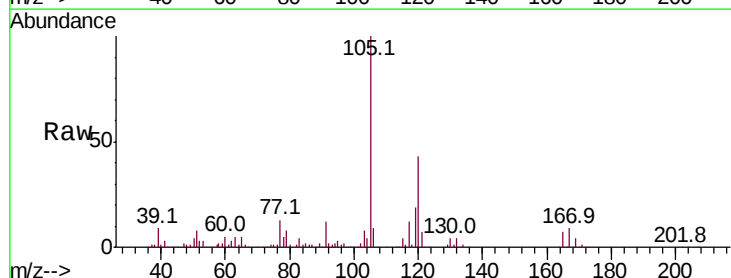
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

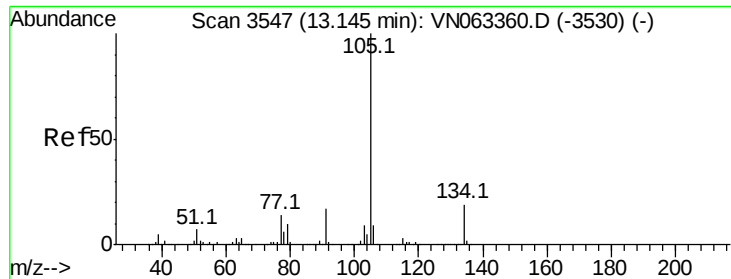
Tot Ion:119 Resp: 483669
Ion Ratio Lower Upper
119 100
91 72.9 36.3 108.9
134 24.7 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 46.052 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063605.D
Acq: 23 Sep 2020 21:42

Tgt Ion:105 Resp: 609675
Ion Ratio Lower Upper
105 100
120 42.5 21.3 63.9

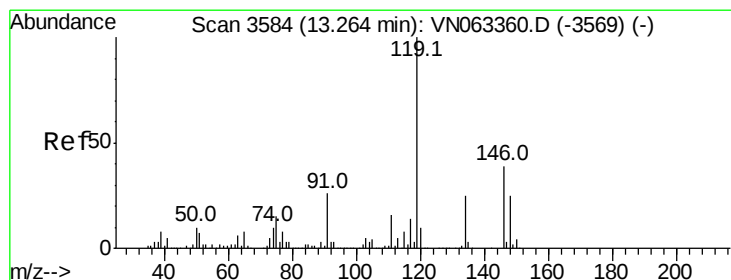
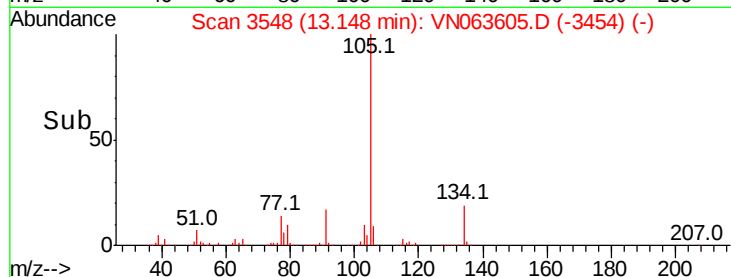
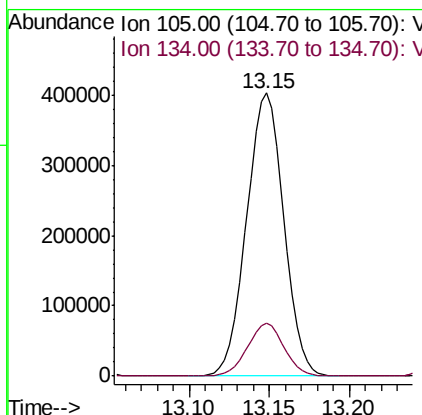
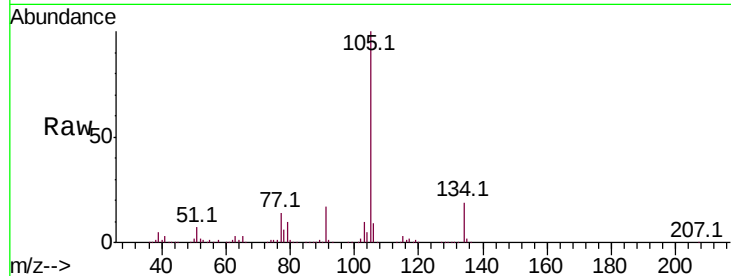




#85
 sec-Butylbenzene
 Concen: 44.208 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

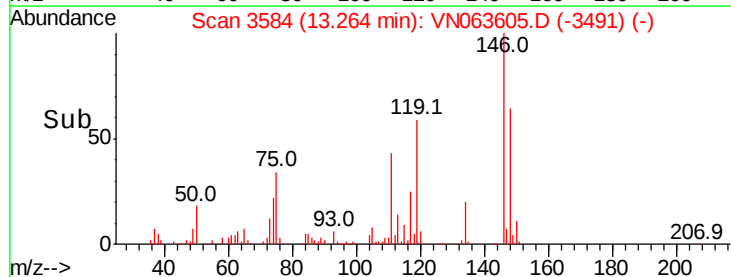
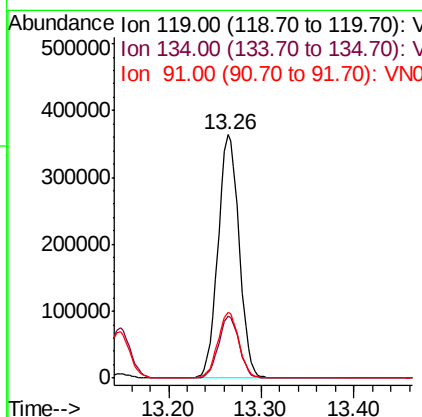
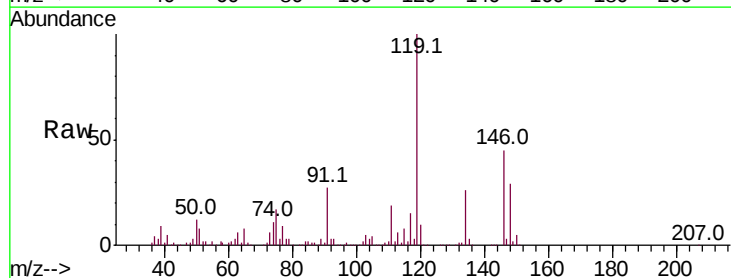
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

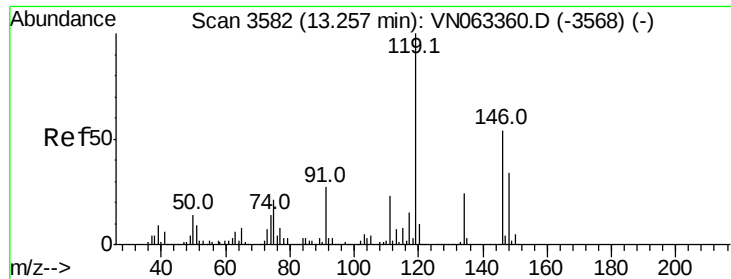
Tot Ion:105 Resp: 640124
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 44.925 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion:119 Resp: 573758
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.5 37.5
 91 26.9 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 46.769 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

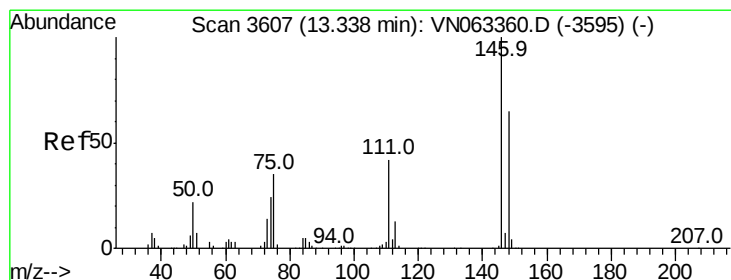
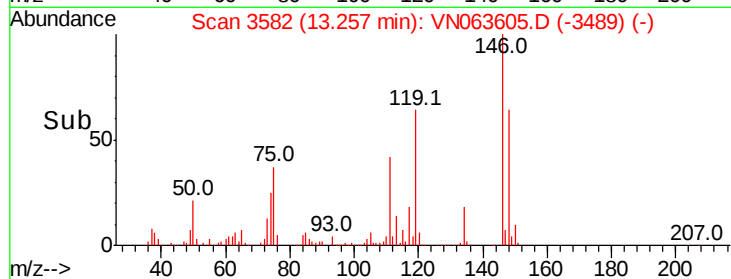
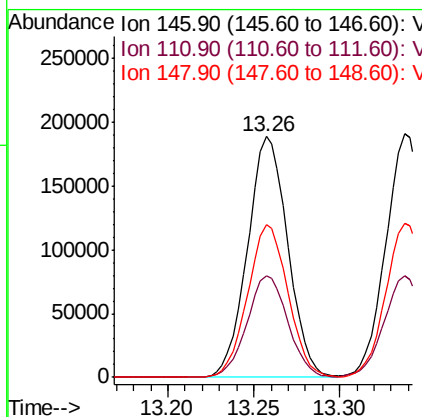
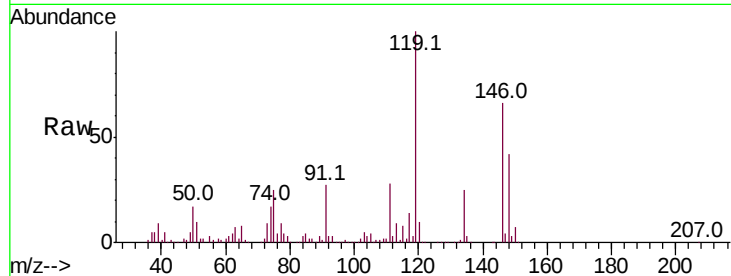
Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20200916MSD

Tot Ion:146 Resp: 306489

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.4	64.3
148	63.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 46.099 ug/l

RT: 13.34 min Scan# 3607

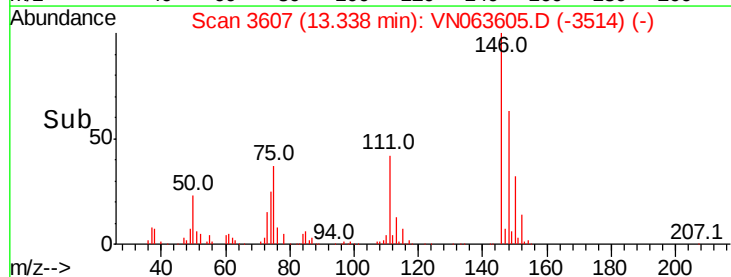
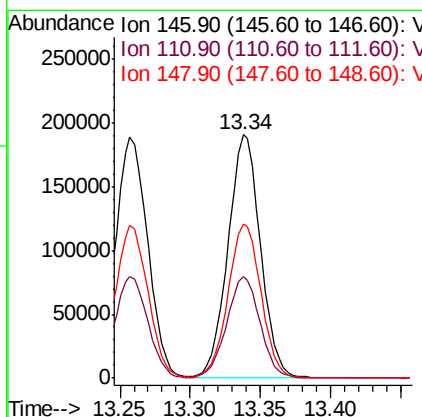
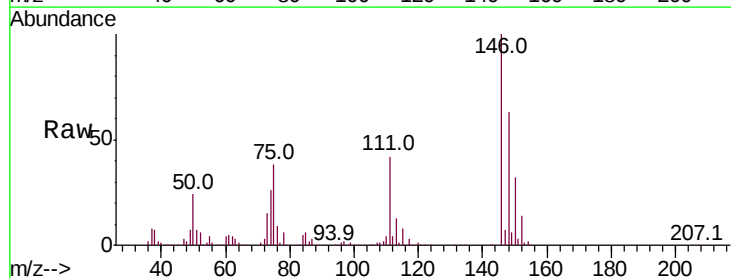
Delta R.T. -0.00 min

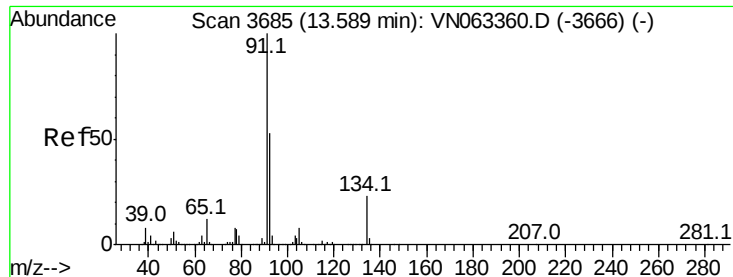
Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Tgt Ion:146 Resp: 307142

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	64.0	31.9	95.9





#89

n-Butylbenzene

Concen: 42.265 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

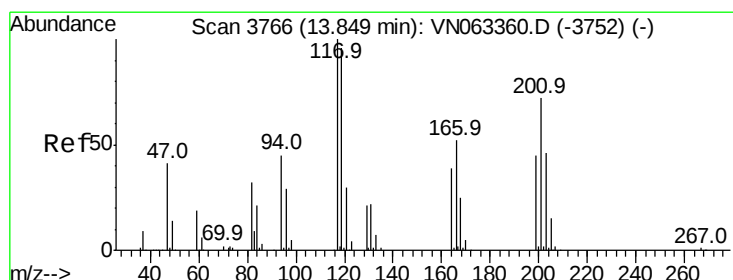
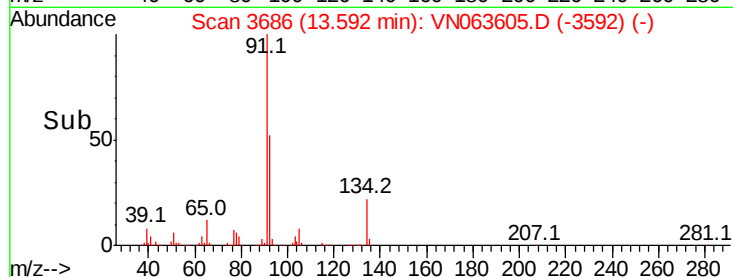
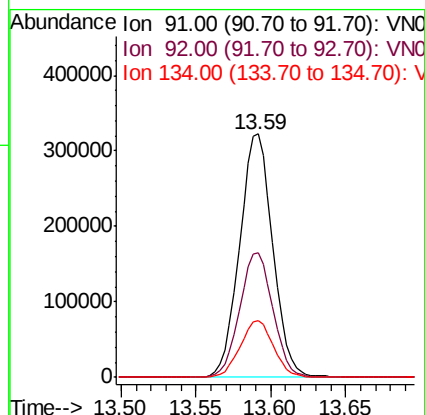
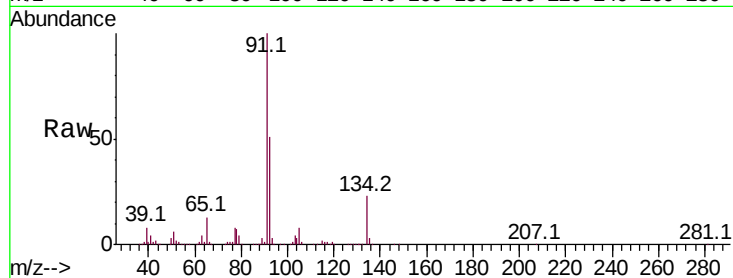
Tot Ion: 91 Resp: 497551

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

134 23.4 11.7 35.0



#90

Hexachloroethane

Concen: 42.754 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063605.D

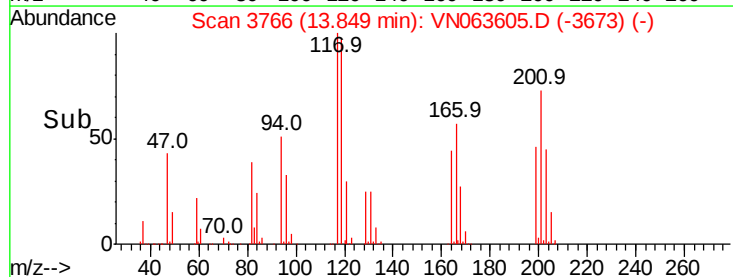
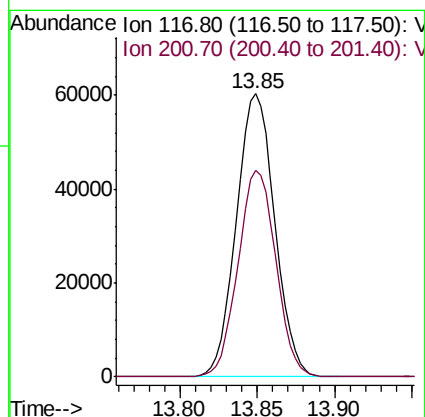
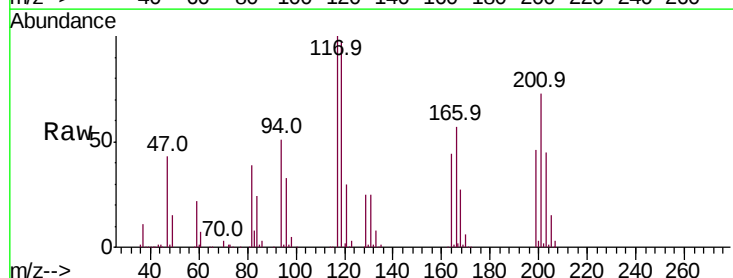
Acq: 23 Sep 2020 21:42

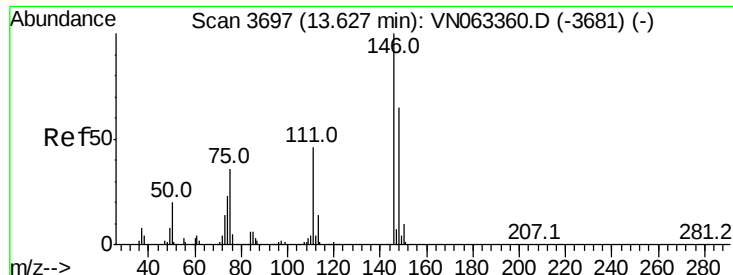
Tgt Ion: 117 Resp: 103974

Ion Ratio Lower Upper

117 100

201 71.9 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 47.630 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

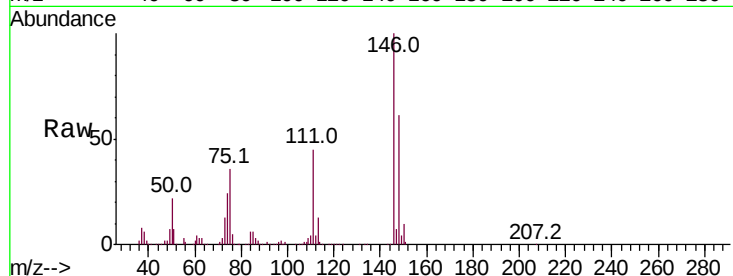
Tot Ion:146 Resp: 306443

Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.2

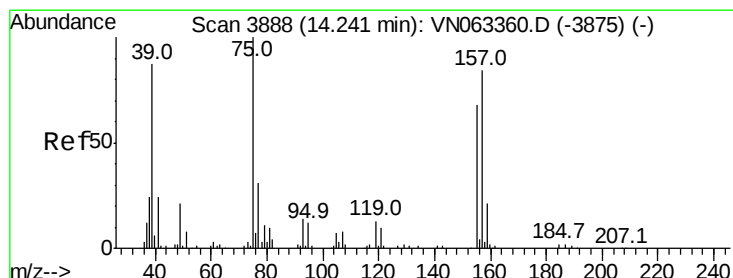
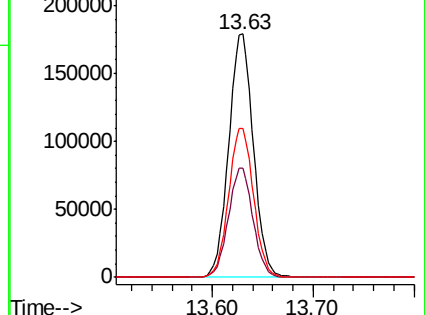
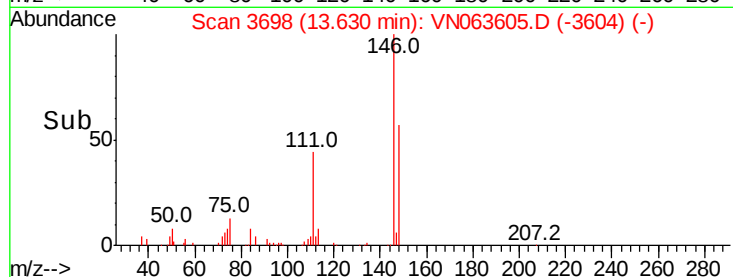
148 61.8 32.0 96.0



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: 43.843 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

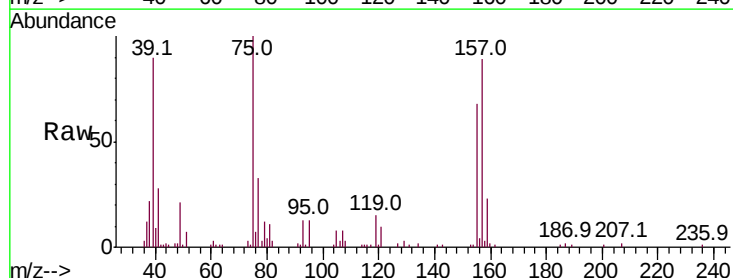
Tgt Ion: 75 Resp: 50810

Ion Ratio Lower Upper

75 100

155 69.1 34.6 103.9

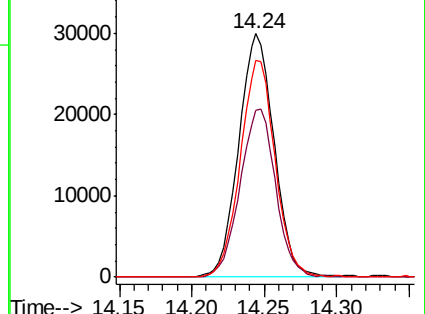
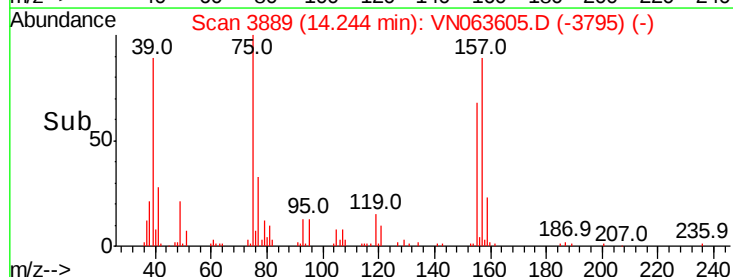
157 87.5 43.7 131.1

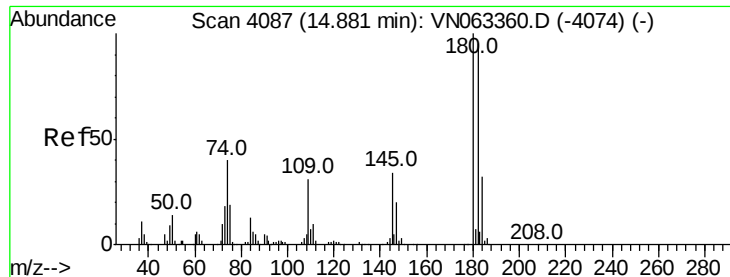


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

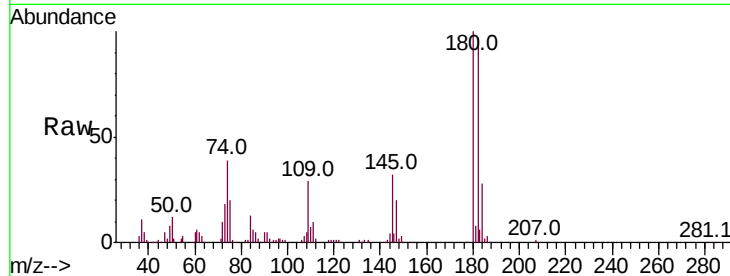




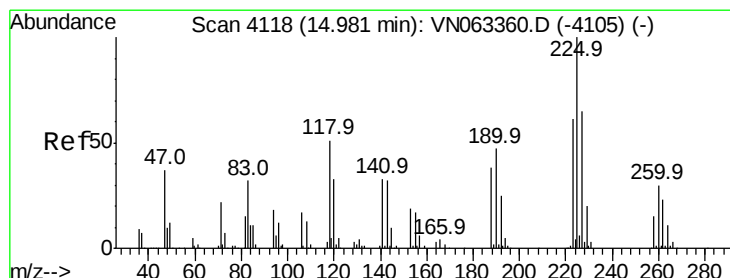
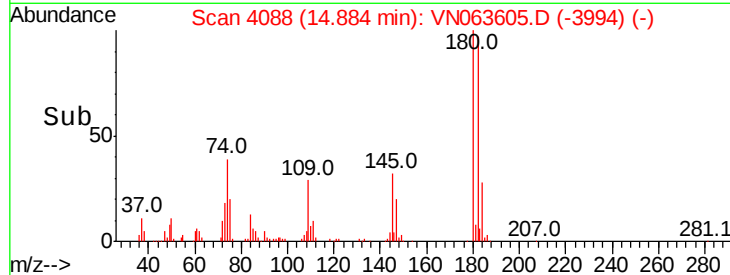
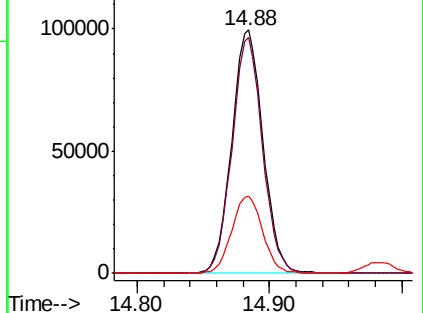
#93
 1,2,4-Trichlorobenzene
 Concen: 42.890 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MSD

Tot Ion:180 Resp: 162681
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 142.0
 145 31.5 16.6 49.7

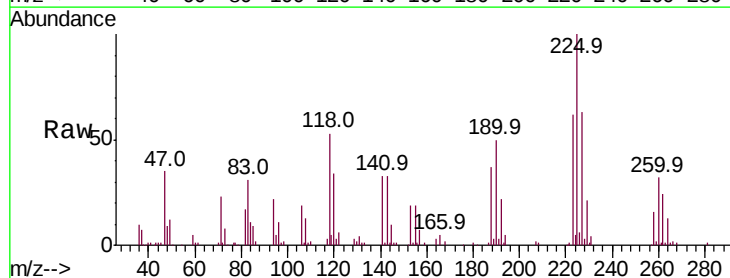


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

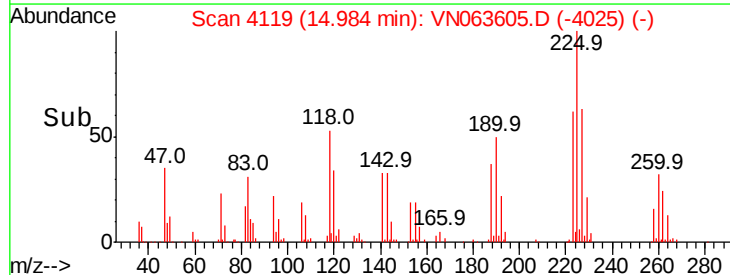
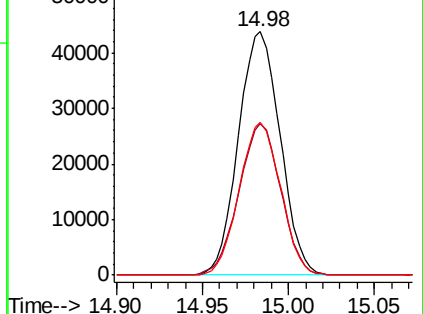


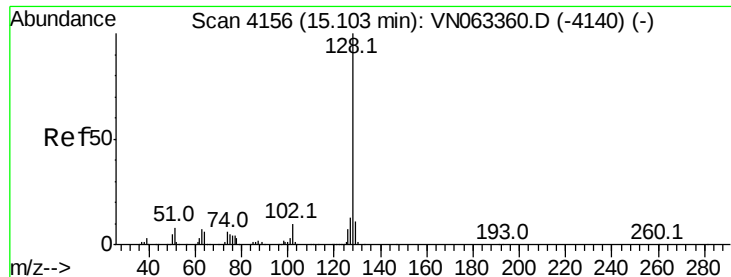
#94
 Hexachlorobutadiene
 Concen: 46.906 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063605.D
 Acq: 23 Sep 2020 21:42

Tgt Ion:225 Resp: 73653
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.6 91.6
 227 62.1 31.2 93.6



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: 42.839 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200916MSD

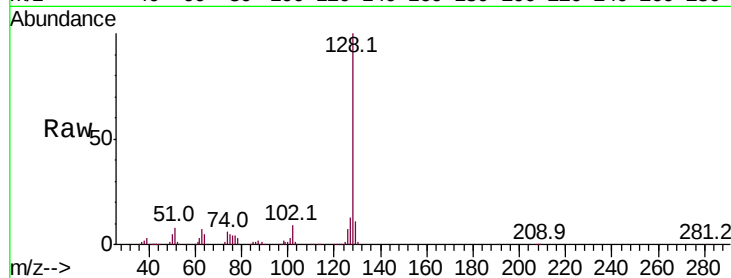
Tot Ion:128 Resp: 536820

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

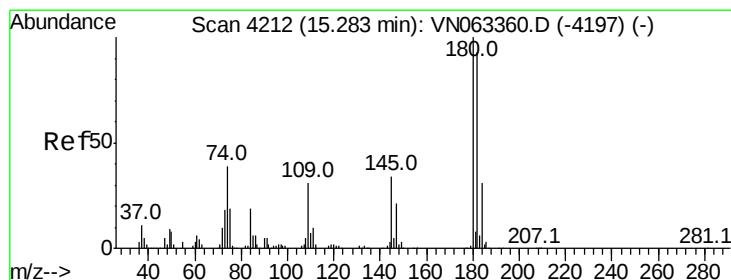
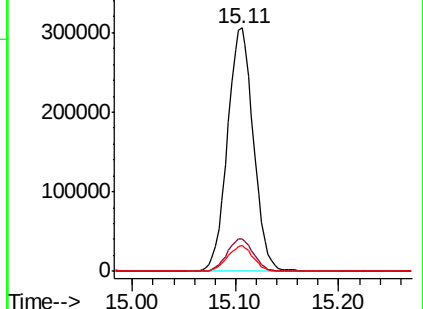
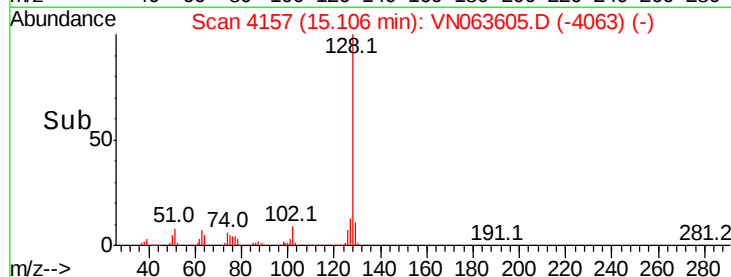
129 10.4 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 42.861 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063605.D

Acq: 23 Sep 2020 21:42

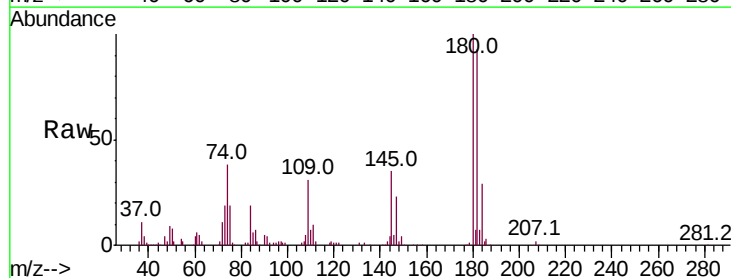
Tgt Ion:180 Resp: 157078

Ion Ratio Lower Upper

180 100

182 93.3 46.7 140.1

145 33.8 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

