

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063619.D
 Acq On : 24 Sep 2020 11:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:15:59 PM

Quant Time: Sep 24 16:53:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	254844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	204239	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	7.55	113	143302	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.06	98	547019	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.38	95	210488	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	127169	44.046	ug/l	99
3) Chloromethane	2.04	50	155641	40.750	ug/l	99
4) Vinyl Chloride	2.17	62	154820	45.752	ug/l	100
5) Bromomethane	2.53	94	98294	48.923	ug/l	95
6) Chloroethane	2.67	64	98276	47.312	ug/l	96
7) Trichlorofluoromethane	2.99	101	246730	48.870	ug/l	98
8) Diethyl Ether	3.37	74	86929	44.168	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	133263	46.935	ug/l	96
10) Methyl Iodide	3.91	142	164703	44.555	ug/l	99
11) Tert butyl alcohol	4.72	59	111134	184.920	ug/l	100
12) 1,1-Dichloroethene	3.70	96	126350	43.934	ug/l	99
13) Acrolein	3.57	56	60203	270.313	ug/l	98
14) Allyl chloride	4.28	41	241815	42.509	ug/l	97
15) Acrylonitrile	4.93	53	341054	223.100	ug/l	100
16) Acetone	3.77	43	307291	220.407	ug/l	98
17) Carbon Disulfide	4.01	76	342000	40.883	ug/l	99
18) Methyl Acetate	4.28	43	165977	46.895	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	470377	43.884	ug/l	99
20) Methylene Chloride	4.51	84	155412	43.996	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	142669	44.776	ug/l	95
22) Diisopropyl ether	5.90	45	515278	44.414	ug/l	97
23) Vinyl Acetate	5.84	43	2114415	221.913	ug/l	99
24) 1,1-Dichloroethane	5.80	63	280976	44.360	ug/l	98
25) 2-Butanone	6.78	43	471035	219.674	ug/l	100
26) 2,2-Dichloropropane	6.78	77	245580	44.037	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	166604	46.196	ug/l	100
28) Bromochloromethane	7.15	49	135296	46.261	ug/l	98
29) Tetrahydrofuran	7.16	42	314129	214.500	ug/l	99
30) Chloroform	7.33	83	295824	46.551	ug/l	99
31) Cyclohexane	7.61	56	240357	40.117	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	259698	45.946	ug/l	99
36) 1,1-Dichloropropene	7.75	75	214964	48.209	ug/l	99
37) Ethyl Acetate	6.88	43	195297	44.626	ug/l	99
38) Carbon Tetrachloride	7.73	117	226414	49.742	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	218012	45.049	ug/l	98
40) Benzene	8.00	78	614974	48.314	ug/l	97
41) Methacrylonitrile	7.14	41	105596m	53.648	ug/l	
42) 1,2-Dichloroethane	8.08	62	255316	49.877	ug/l	99
43) Isopropyl Acetate	8.13	43	351693	44.943	ug/l #	90
44) Trichloroethene	8.80	130	155044	50.220	ug/l	98
45) 1,2-Dichloropropane	9.08	63	166863	48.132	ug/l	98
46) Dibromomethane	9.17	93	113640	49.873	ug/l	99
47) Bromodichloromethane	9.37	83	239396	50.573	ug/l	100
48) Methyl methacrylate	9.16	41	173997	45.257	ug/l	95
49) 1,4-Dioxane	9.16	88	47822	866.769	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1054189	240.634	ug/l	100
52) Toluene	10.12	92	386924	50.558	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	254106	48.084	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	271114	48.637	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	154679	50.884	ug/l	99
56) Ethyl methacrylate	10.40	69	229092	48.276	ug/l	98
57) 1,3-Dichloropropane	10.68	76	266764	48.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	597500	240.018	ug/l	97
59) 2-Hexanone	10.72	43	764535	240.887	ug/l	100
60) Dibromochloromethane	10.87	129	174497	50.812	ug/l	99
61) 1,2-Dibromoethane	10.98	107	160091	50.692	ug/l	99
64) Tetrachloroethene	10.60	164	140845	52.097	ug/l	98
65) Chlorobenzene	11.41	112	411391	48.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	156847	50.770	ug/l	99
67) Ethyl Benzene	11.48	91	769696	48.496	ug/l	100
68) m/p-Xylenes	11.59	106	566375	98.975	ug/l	99
69) o-Xylene	11.92	106	268374	49.232	ug/l	99
70) Styrene	11.94	104	472705	51.709	ug/l	99
71) Bromoform	12.10	173	117259	50.949	ug/l #	100
73) Isopropylbenzene	12.23	105	735410	46.127	ug/l	99
74) N-amyl acetate	12.05	43	321394	42.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	224721	45.522	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	204352m	41.497	ug/l	
77) Bromobenzene	12.50	156	173597	48.405	ug/l	94
78) n-propylbenzene	12.57	91	879174	47.345	ug/l	100
79) 2-Chlorotoluene	12.65	91	519124	46.636	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	635401	47.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	75944	42.281	ug/l	96
82) 4-Chlorotoluene	12.75	91	554460	47.143	ug/l	100
83) tert-Butylbenzene	12.97	119	507647	46.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	638143	47.521	ug/l	99
85) sec-Butylbenzene	13.15	105	682085	46.440	ug/l	100
86) p-Isopropyltoluene	13.26	119	613780	47.379	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	319085	48.003	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	324585	48.029	ug/l	99
89) n-Butylbenzene	13.59	91	565291	47.341	ug/l	98
90) Hexachloroethane	13.85	117	111585	45.235	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	316302	48.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48690	41.420	ug/l	98

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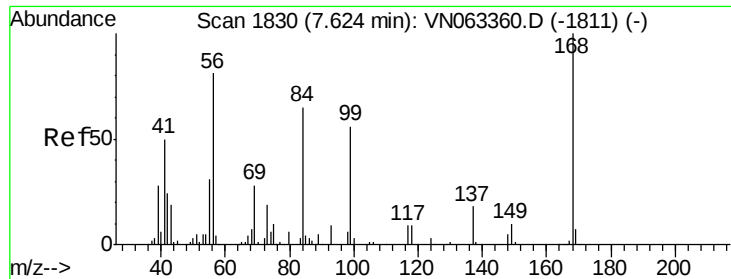
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170302	44.265	ug/l	97
94) Hexachlorobutadiene	14.98	225	82529	51.815	ug/l	99
95) Naphthalene	15.10	128	535078	42.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	164233	44.180	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 254844

Ion Ratio Lower Upper

168 100

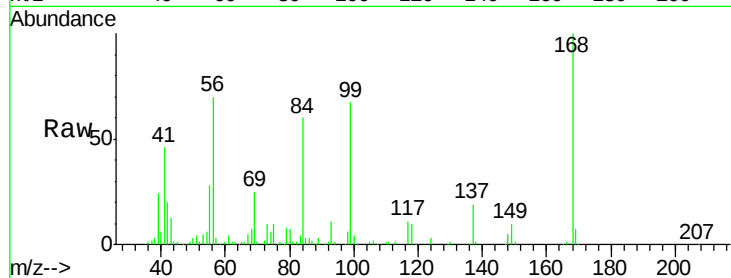
99 66.4 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

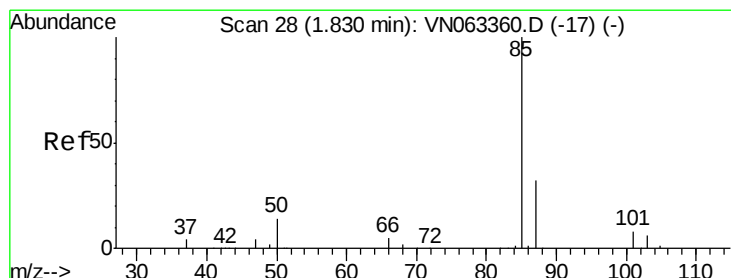
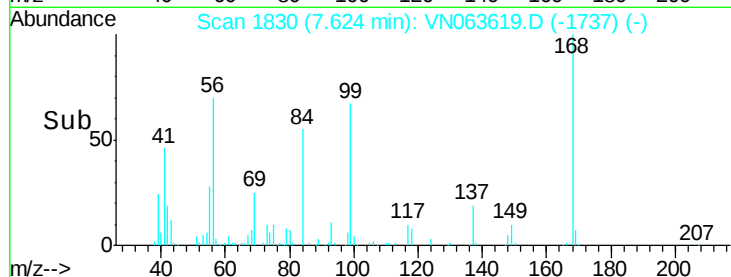
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.046 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063619.D

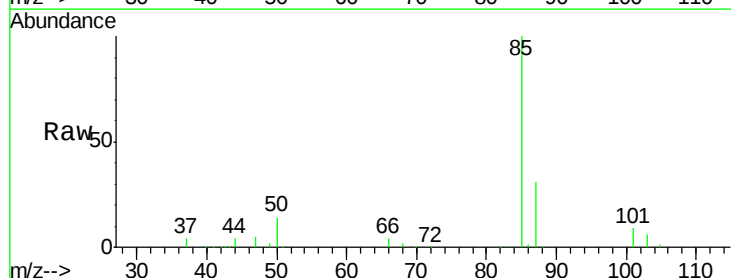
Acq: 24 Sep 2020 11:13

Tgt Ion: 85 Resp: 127169

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

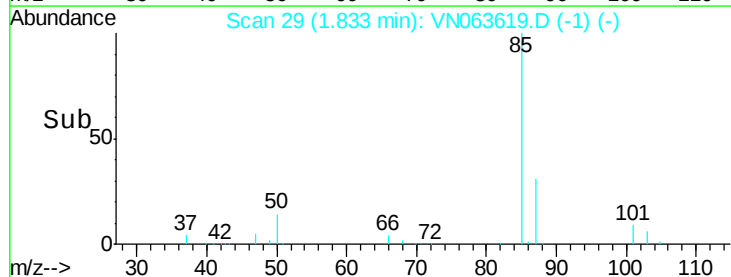
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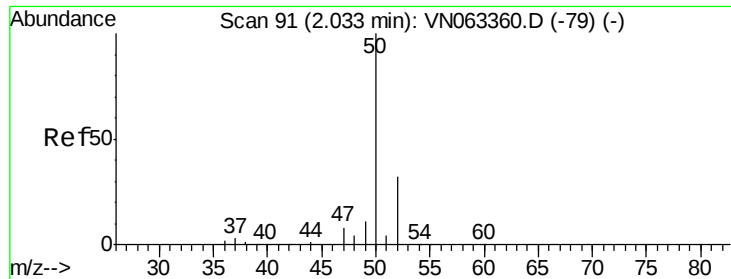
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 40.750 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 155641

Ion Ratio Lower Upper

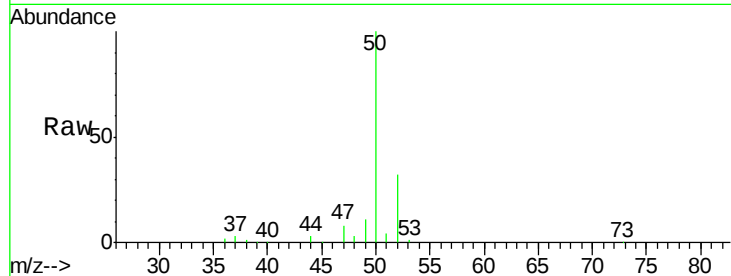
50 100

52 32.0 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VN063619.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063619.D (-1) (-)

2.04

120000

100000

80000

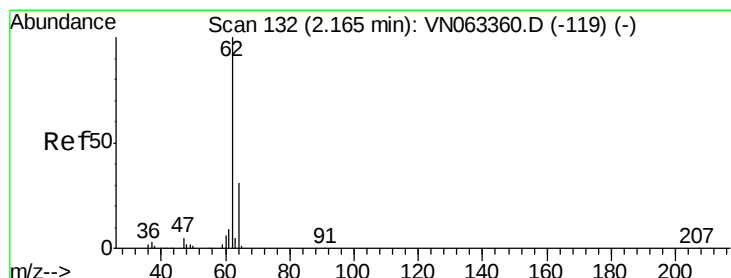
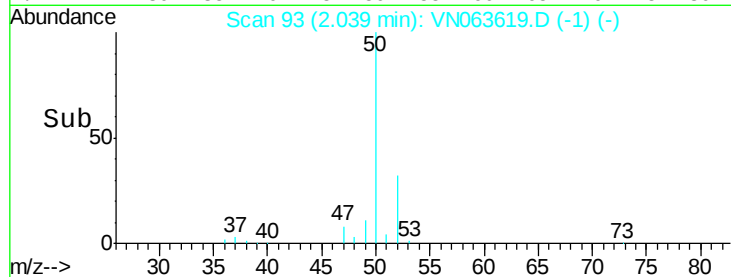
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.752 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063619.D

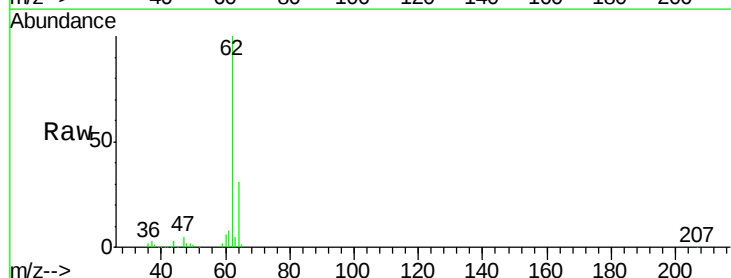
Acq: 24 Sep 2020 11:13

Tgt Ion: 62 Resp: 154820

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN063619.D (-39) (-)

Ion 63.90 (63.60 to 64.60): VN063619.D (-39) (-)

2.17

120000

100000

80000

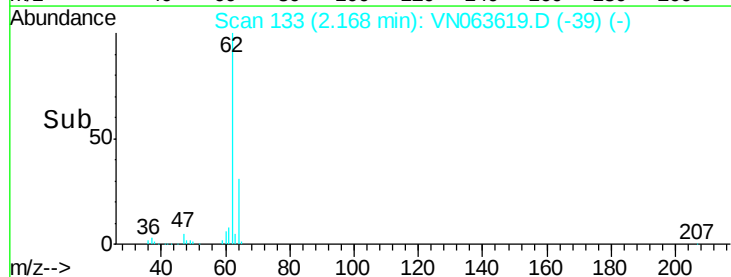
60000

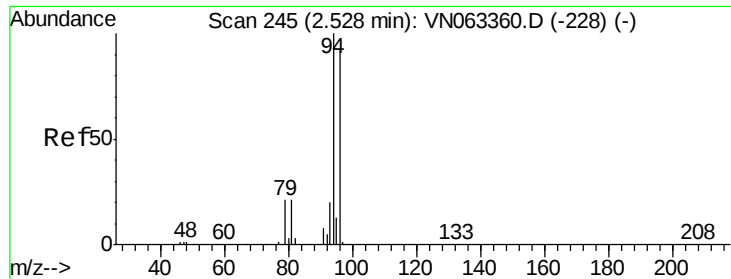
40000

20000

0

Time-->





#5

Bromomethane

Concen: 48.923 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 98294

Ion Ratio Lower Upper

94 100

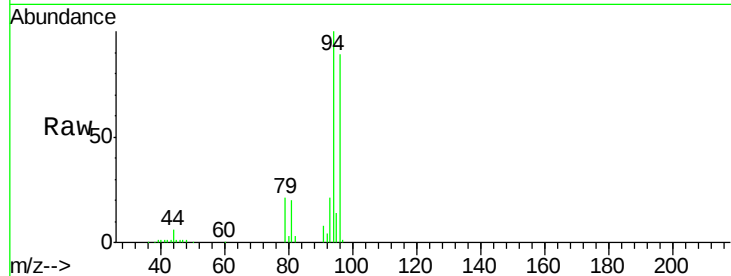
96 88.7 74.5 111.7

Manual Integrations

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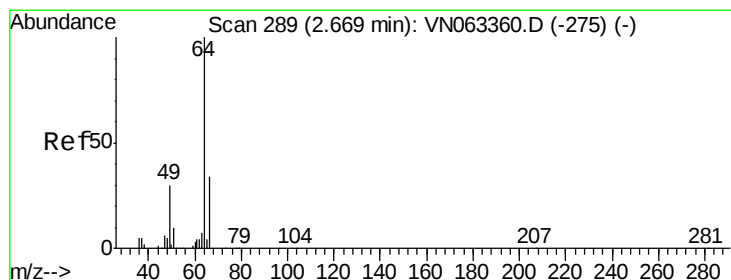
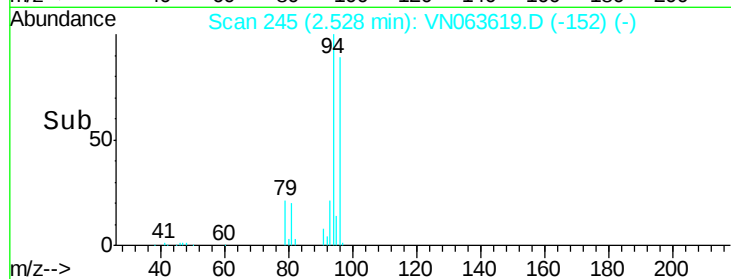
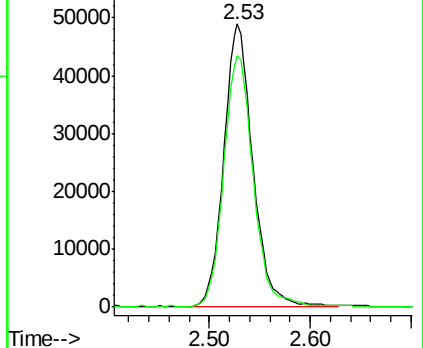
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.312 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063619.D

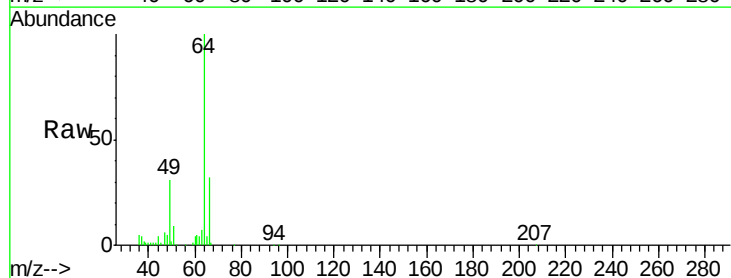
Acq: 24 Sep 2020 11:13

Tgt Ion: 64 Resp: 98276

Ion Ratio Lower Upper

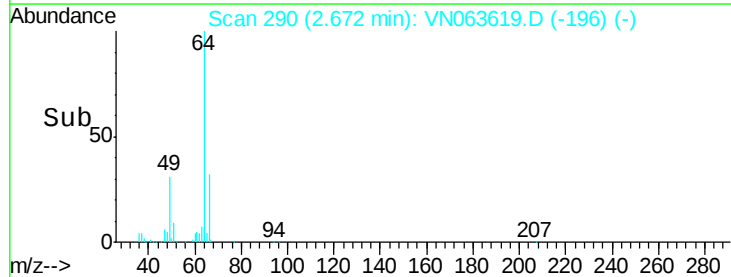
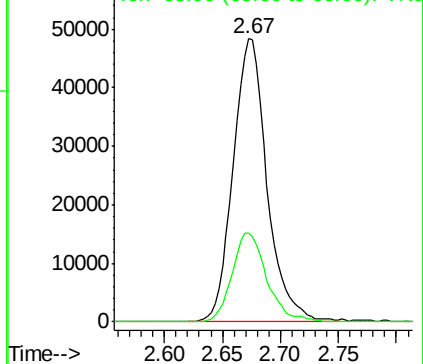
64 100

66 31.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

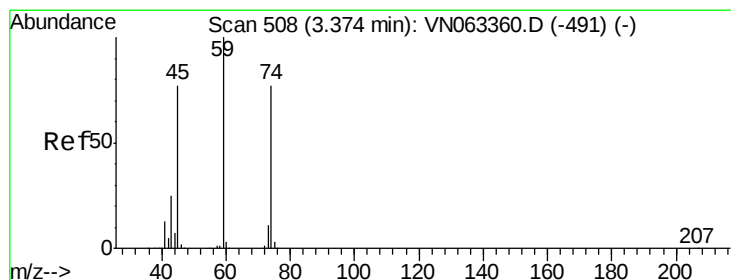
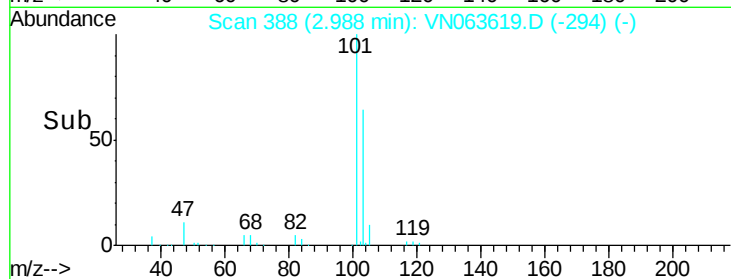
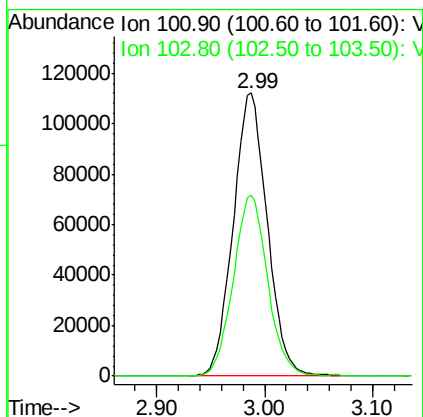
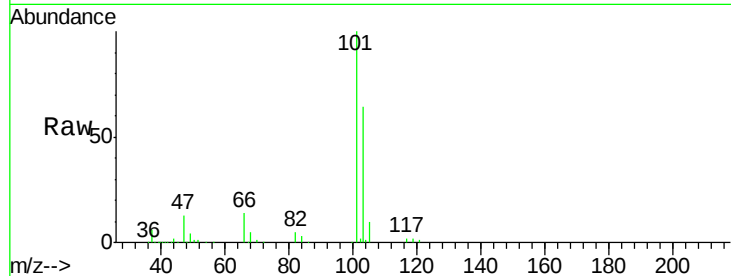
Trichlorofluoromethane
 Concen: 48.870 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.3	78.5

Manual Integrations
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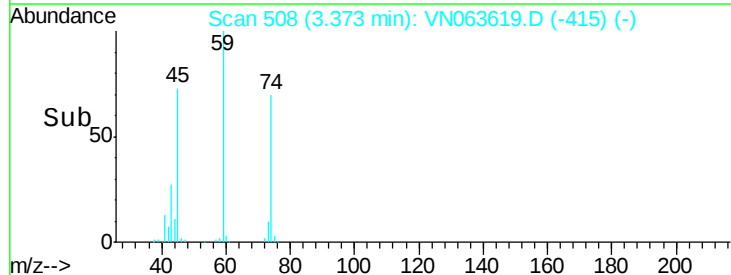
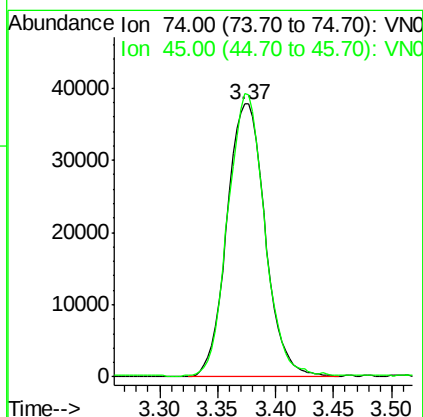
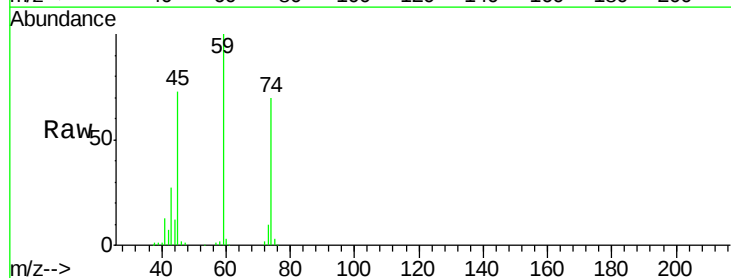
MMDadoda
 9/28/2020 5:15:59 PM

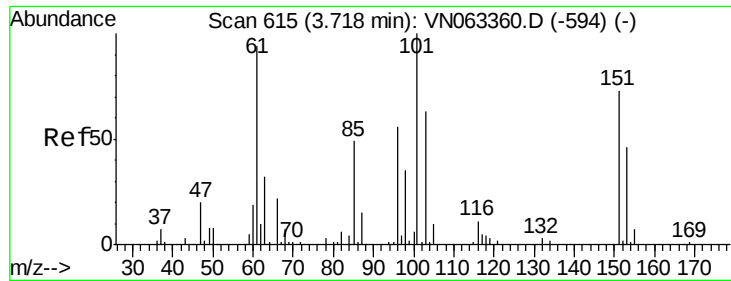


#8

Diethyl Ether
 Concen: 44.168 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.935 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

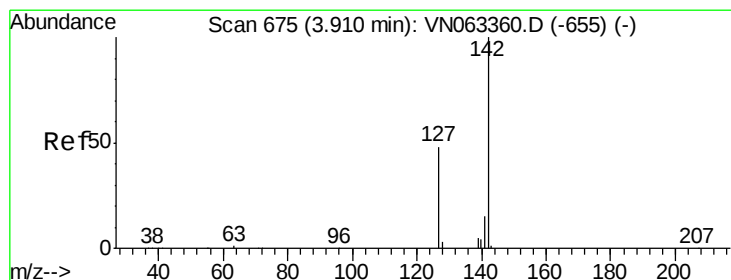
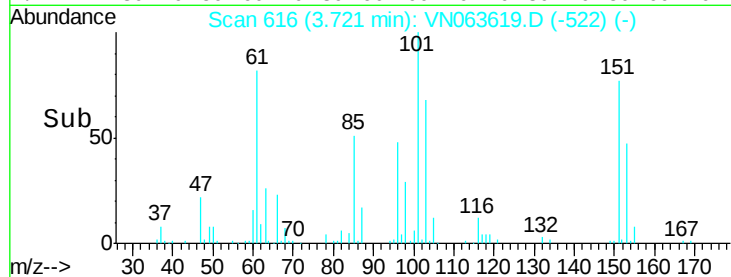
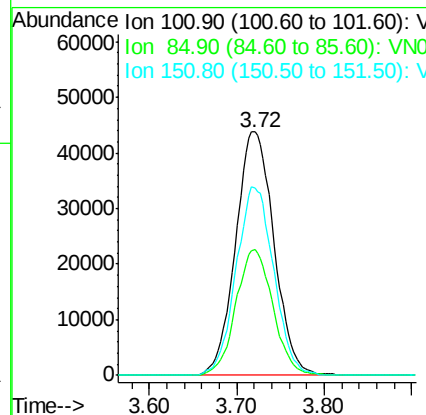
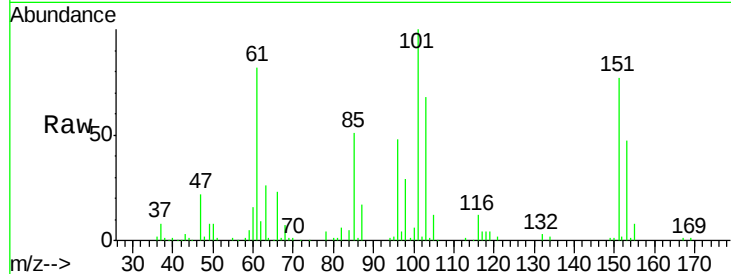
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	133263
Ion Ratio	Lower	Upper	
101	100		
85	49.8	37.7	56.5
151	76.1	57.7	86.5

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#10

Methyl Iodide

Concen: 44.555 ug/l

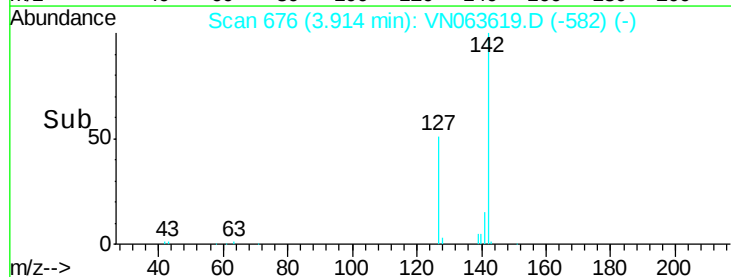
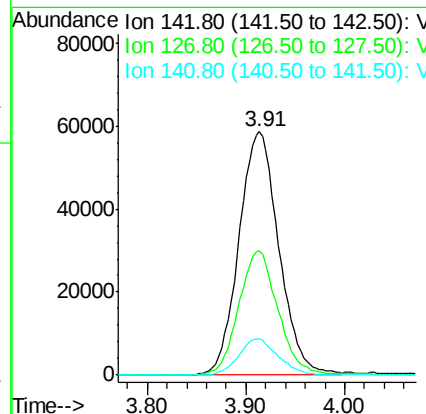
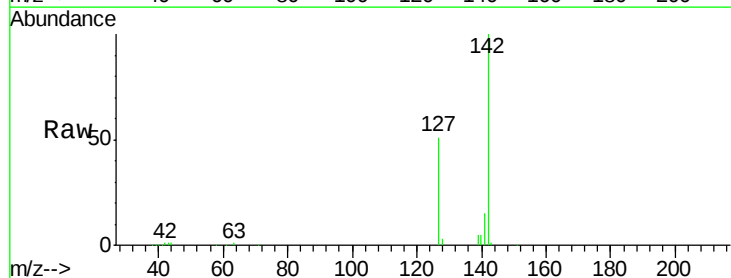
RT: 3.91 min Scan# 676

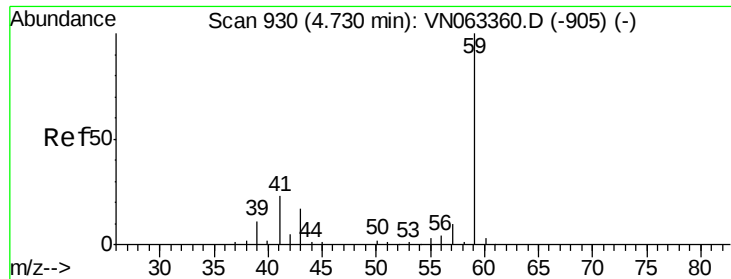
Delta R.T. 0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	142	Resp:	164703
Ion Ratio	Lower	Upper	
142	100		
127	50.0	39.0	58.6
141	14.7	11.6	17.4





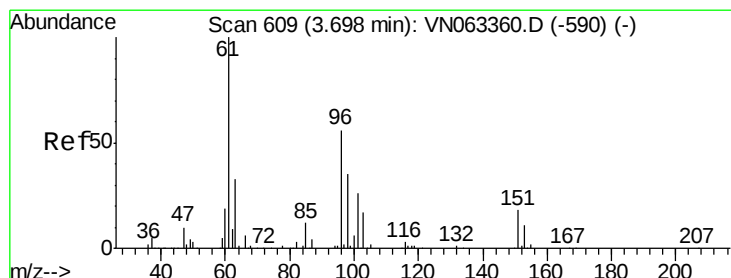
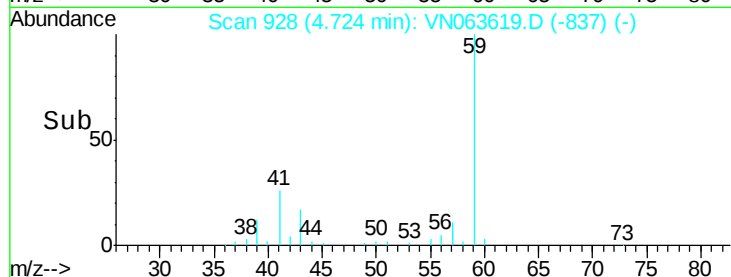
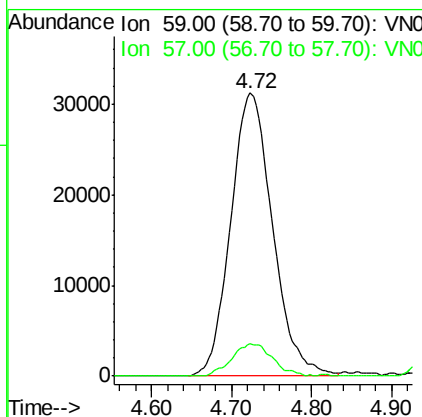
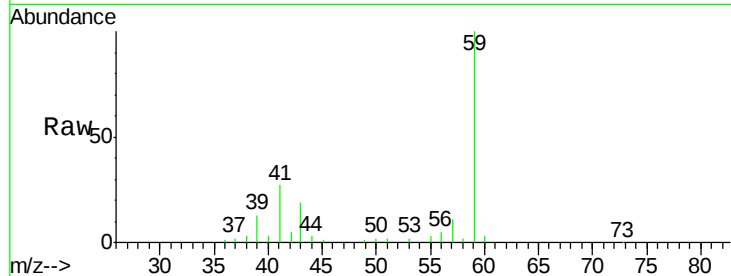
#11
Tert butyl alcohol
Concen: 184.920 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

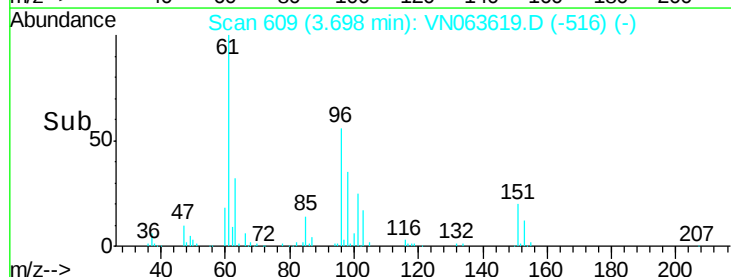
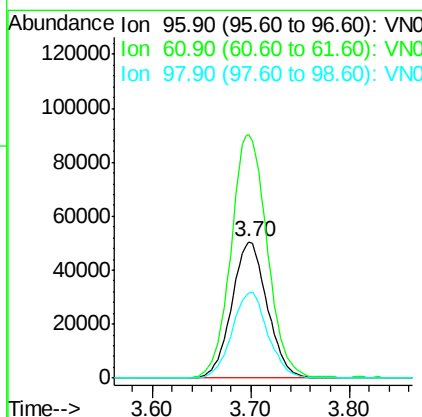
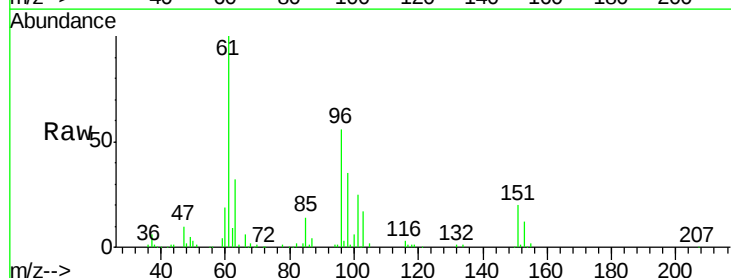
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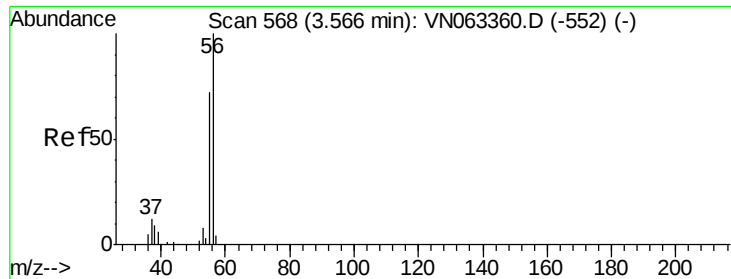
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#12
1,1-Dichloroethene
Concen: 43.934 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.3	143.4	215.2
98	62.5	50.6	76.0





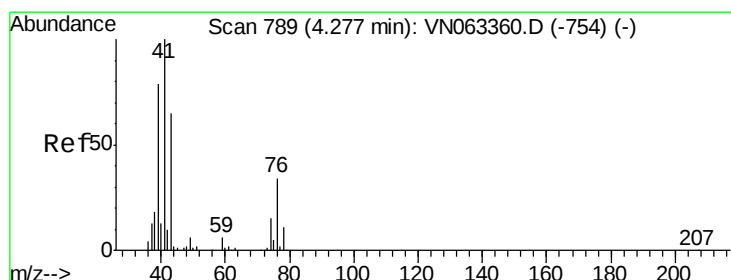
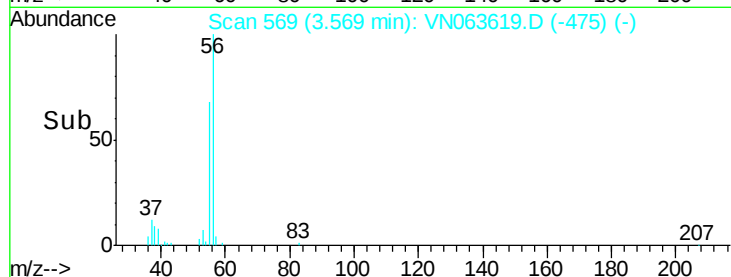
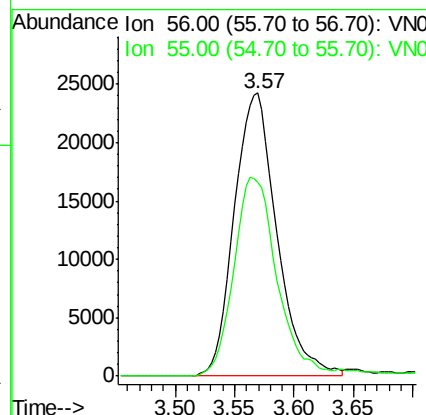
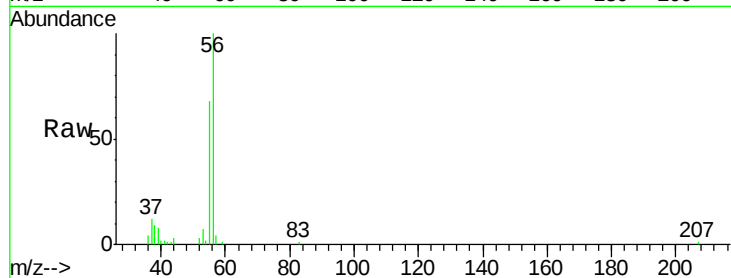
#13
Acrolein
Concen: 270.313 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	60203
Ion Ratio	100	Lower	Upper
56	100		
55	70.6	58.2	87.2

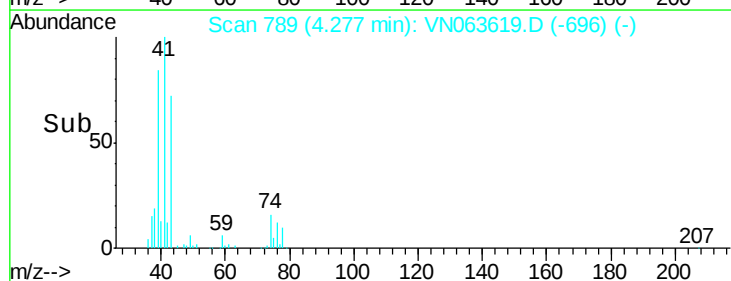
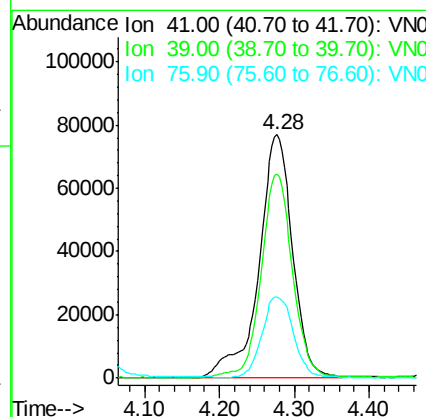
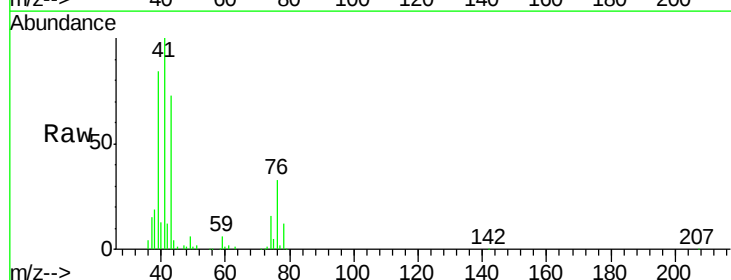
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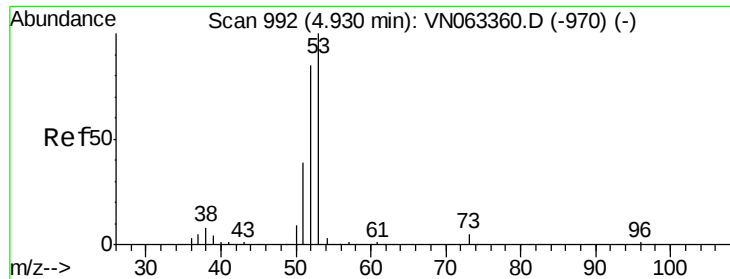
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#14
Allyl chloride
Concen: 42.509 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	41	Resp	241815
Ion Ratio	100	Lower	Upper
41	100		
39	77.3	59.3	88.9
76	31.5	25.3	37.9





#15

Acrylonitrile

Concen: 223.100 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

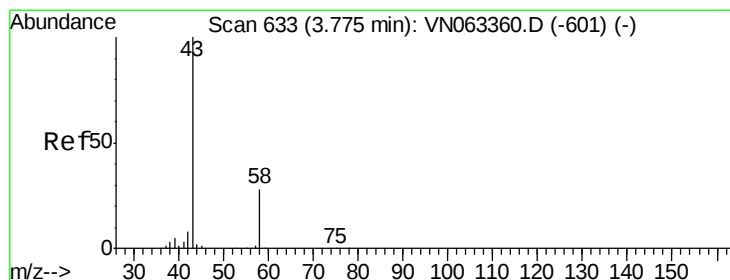
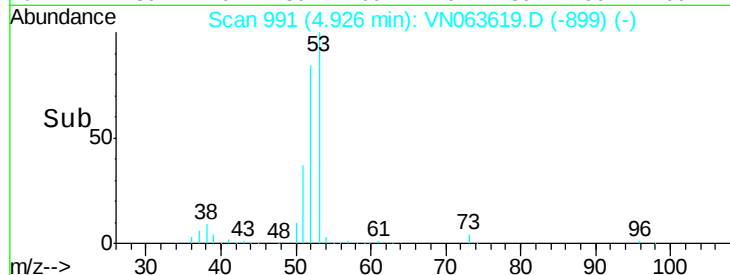
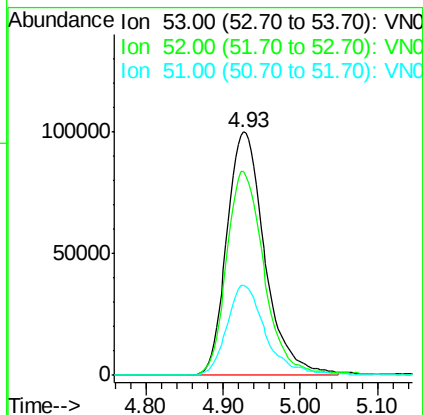
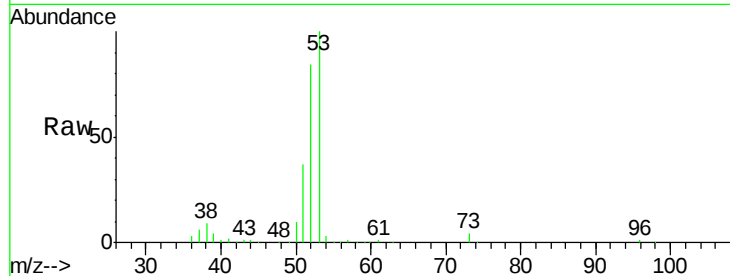
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	341054
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	37.9	30.2	45.4

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#16

Acetone

Concen: 220.407 ug/l

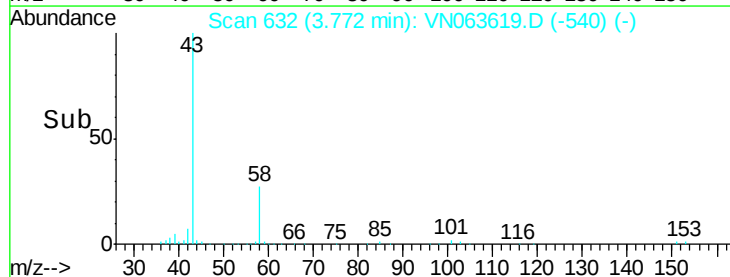
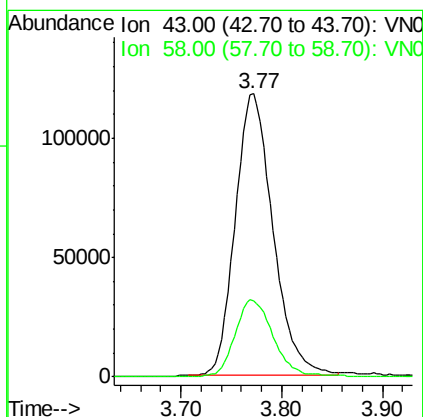
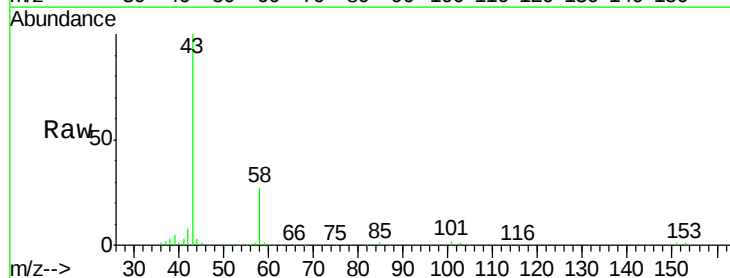
RT: 3.77 min Scan# 632

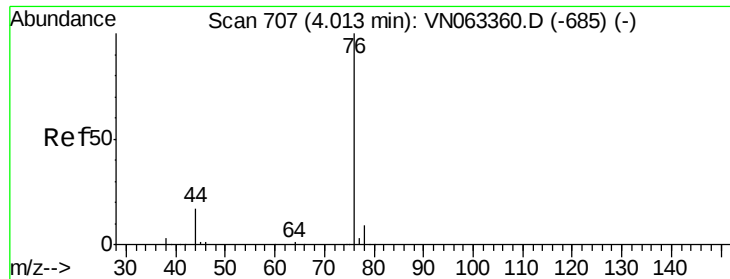
Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	43	Resp:	307291
Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.3	33.5





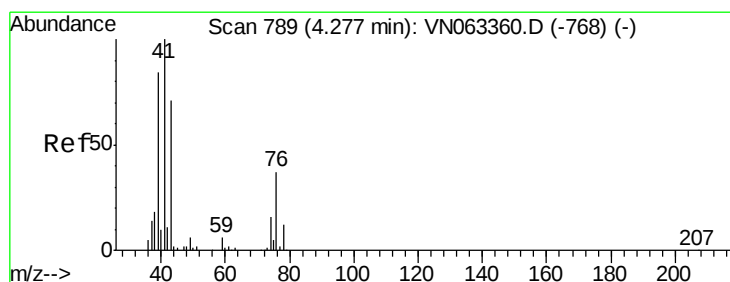
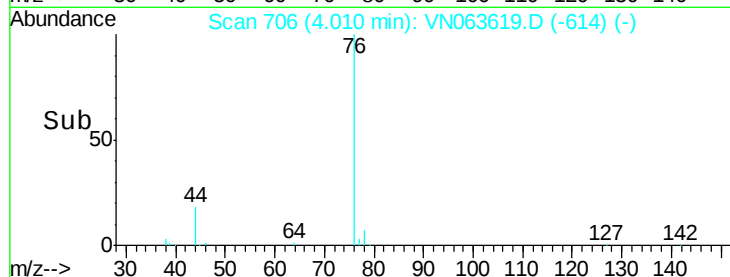
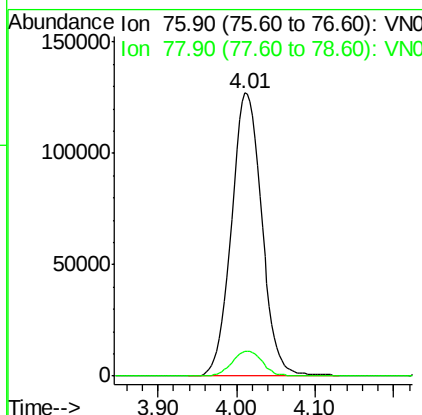
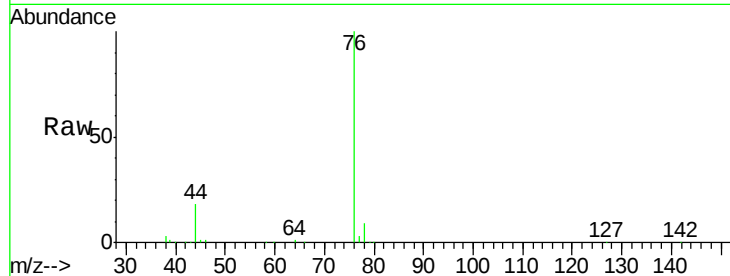
#17
Carbon Disulfide
Concen: 40.883 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 342000
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

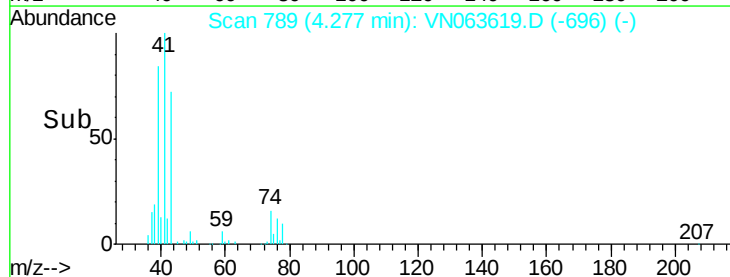
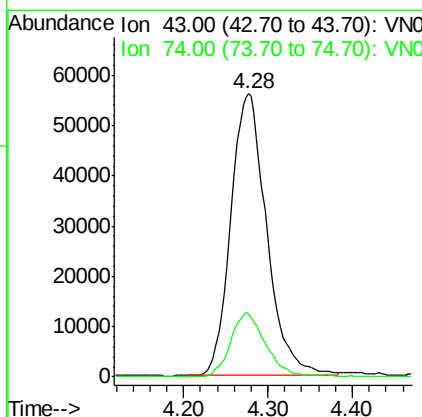
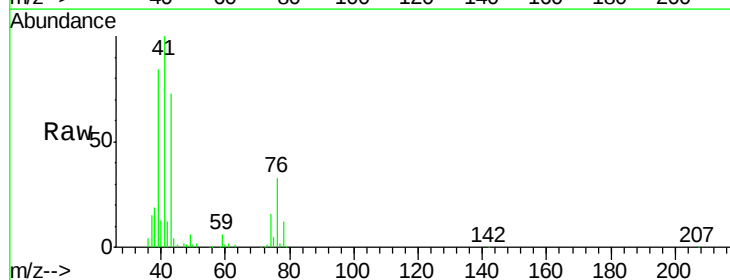
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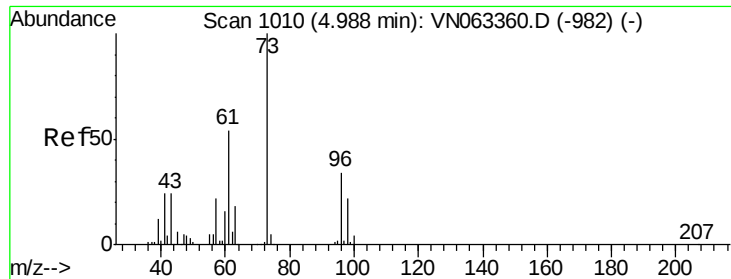
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#18
Methyl Acetate
Concen: 46.895 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 43 Resp: 165977
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2





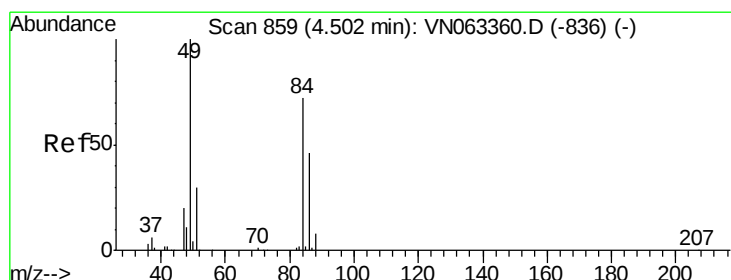
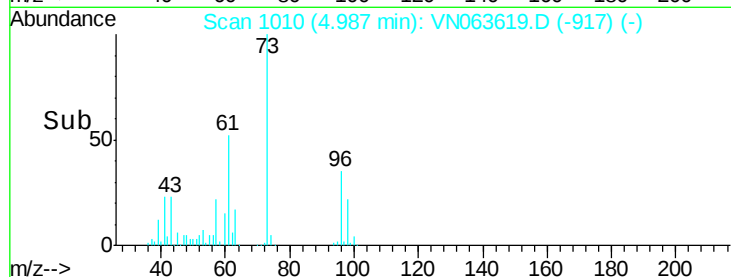
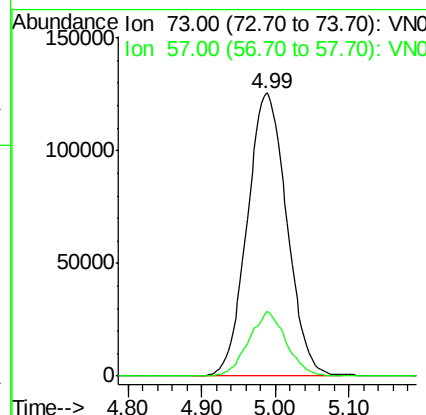
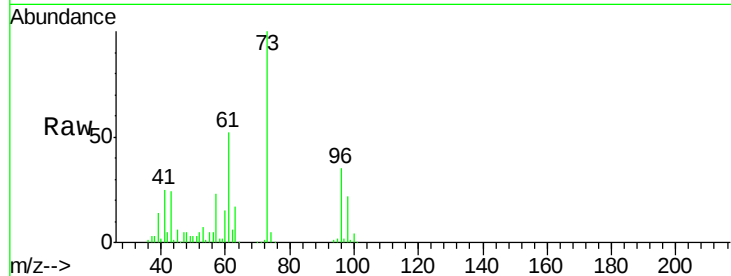
#19
Methvl tert-butvl Ether
Concen: 43.884 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 470377
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

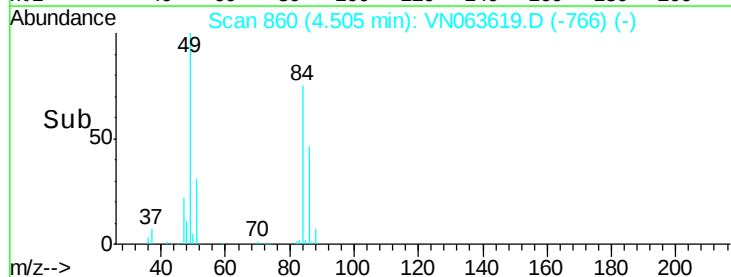
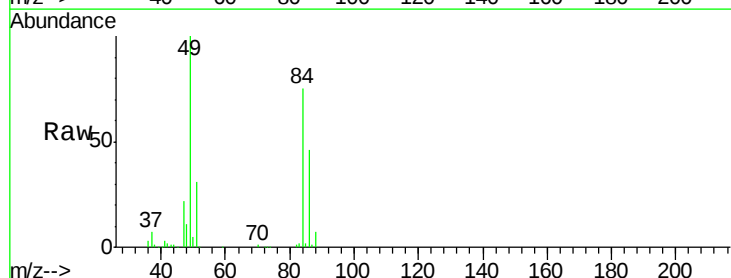
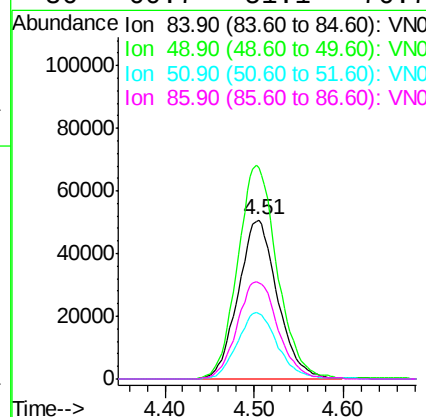
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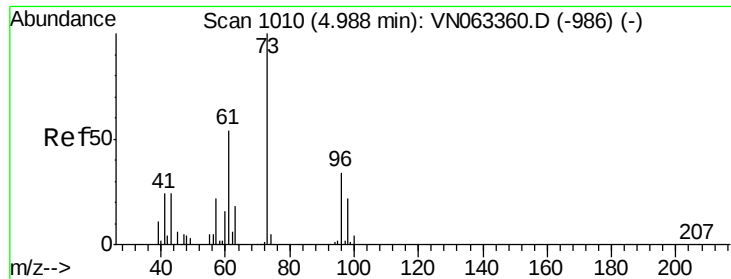
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#20
Methylene Chloride
Concen: 43.996 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 84 Resp: 155412
Ion Ratio Lower Upper
84 100
49 132.5 110.7 166.1
51 41.4 32.9 49.3
86 60.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.776 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

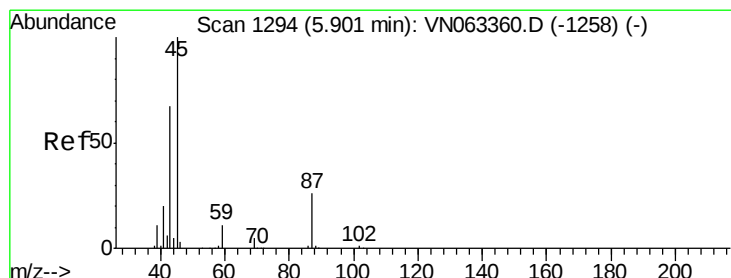
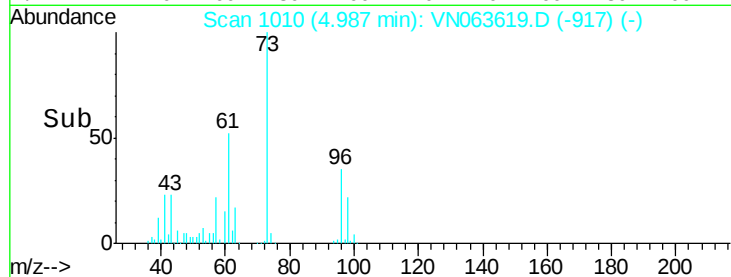
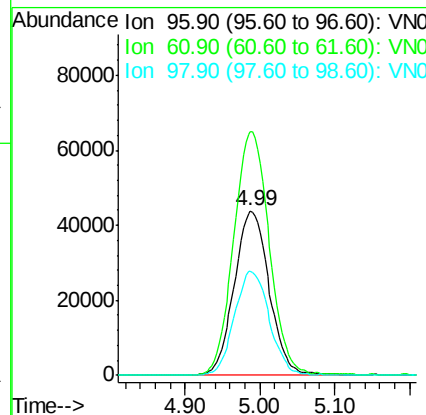
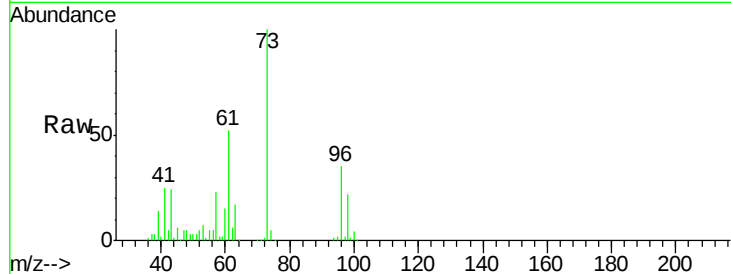
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	142669
Ion	Ratio	Lower	Upper
96	100		
61	148.0	126.2	189.4
98	63.4	51.0	76.4

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#22

Diisopropyl ether

Concen: 44.414 ug/l

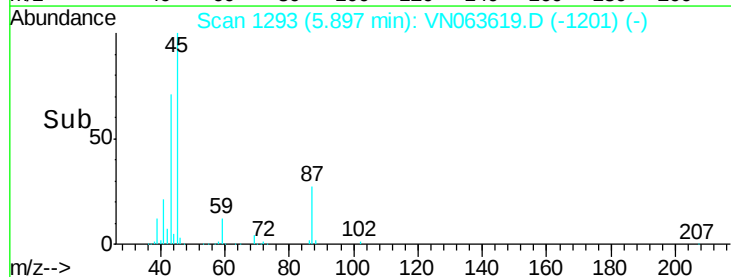
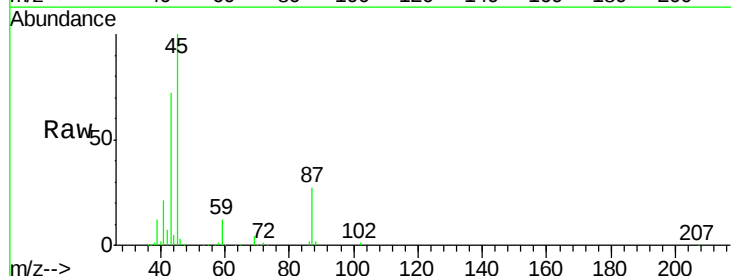
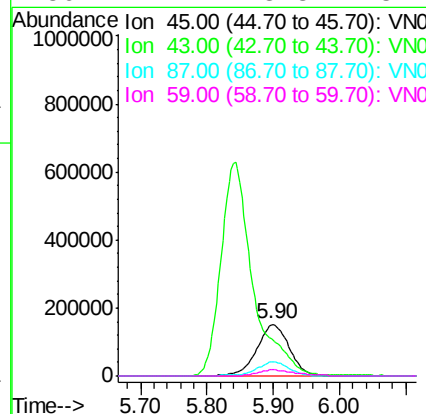
RT: 5.90 min Scan# 1293

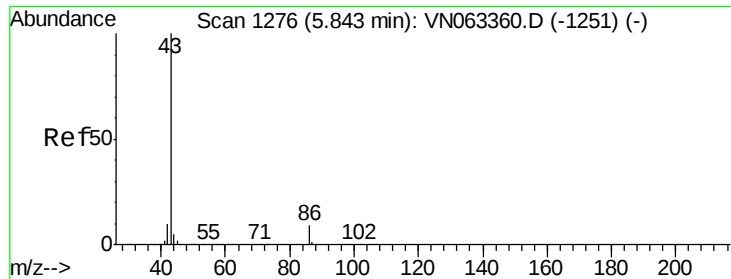
Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	45	Resp:	515278
Ion	Ratio	Lower	Upper
45	100		
43	70.9	53.5	80.3
87	26.6	21.2	31.8
59	11.7	8.8	13.2





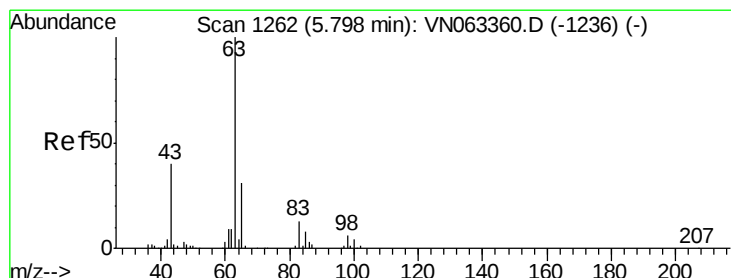
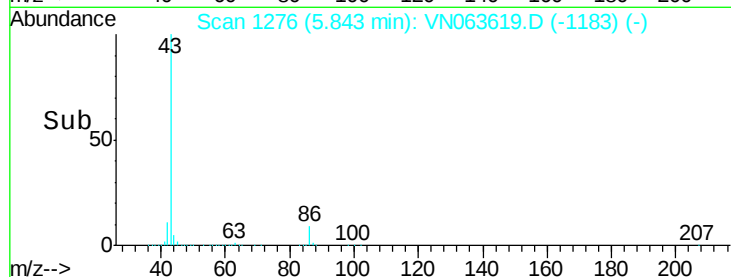
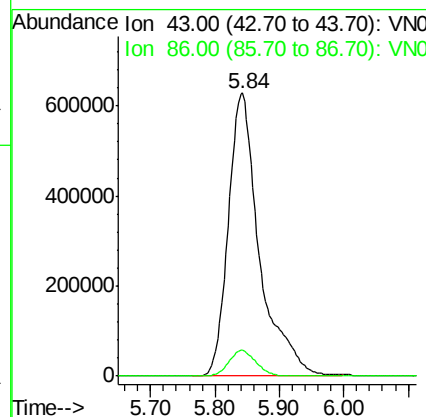
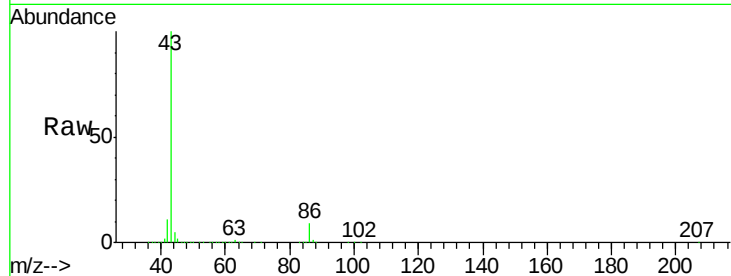
#23
 Vinyl Acetate
 Concen: 221.913 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2114415
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.1 10.7

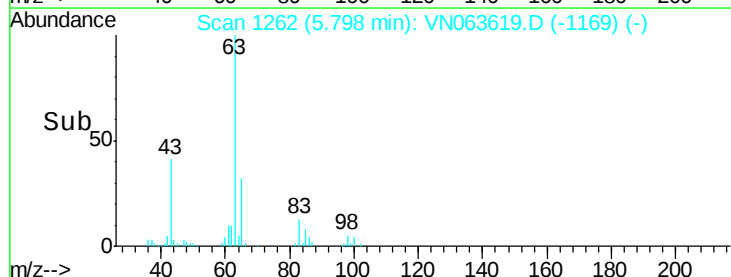
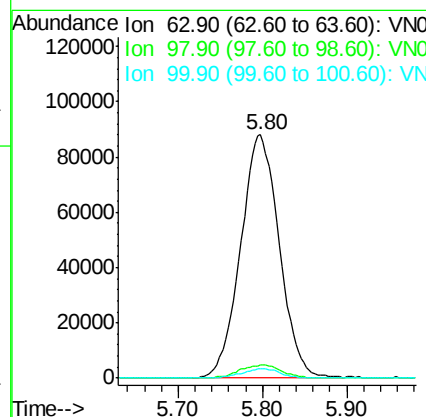
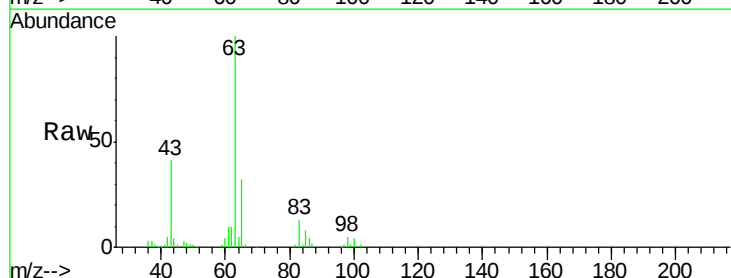
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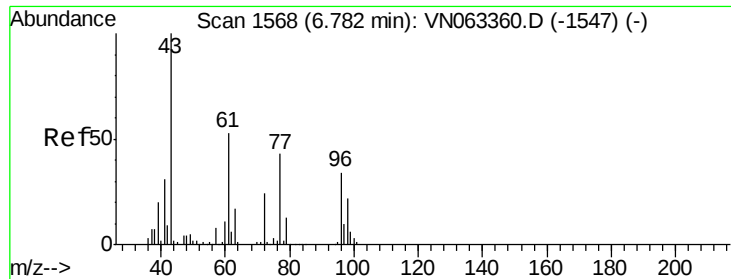
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 44.360 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion: 63 Resp: 280976
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.9 8.8
 100 3.7 2.1 6.3





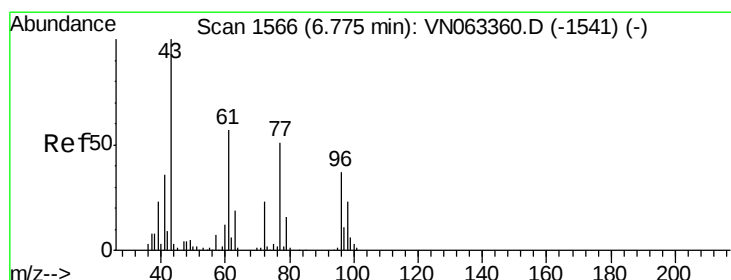
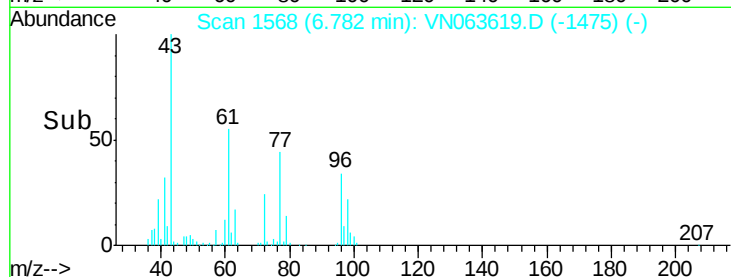
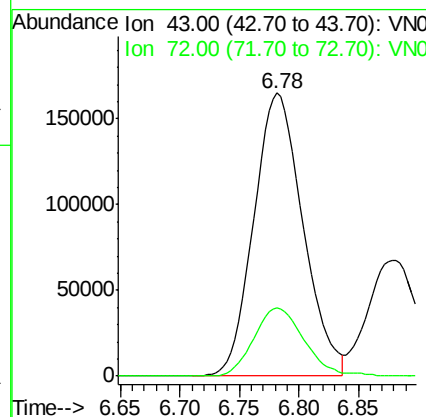
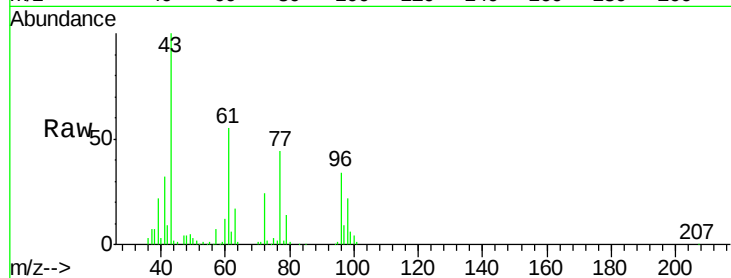
#25
2-Butanone
Concen: 219.674 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 471035
Ion Ratio Lower Upper
43 100
72 24.0 19.2 28.8

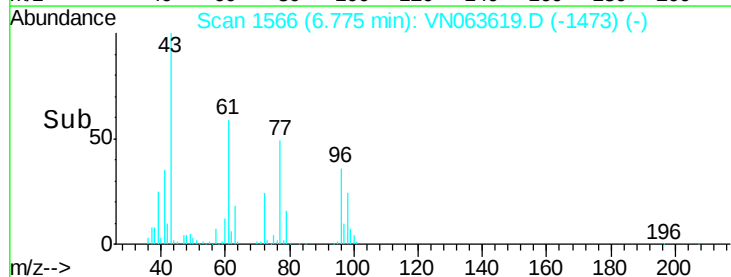
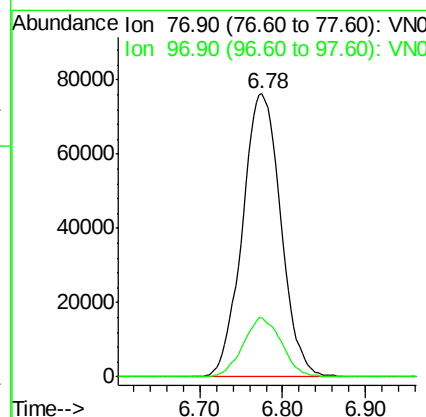
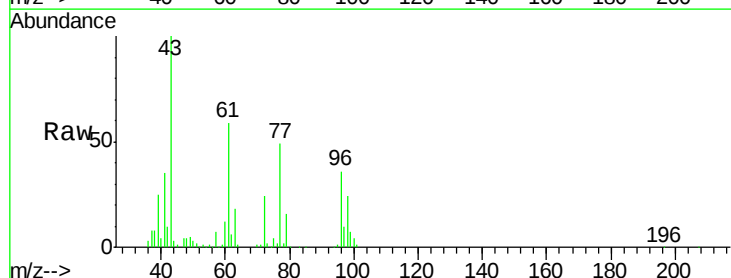
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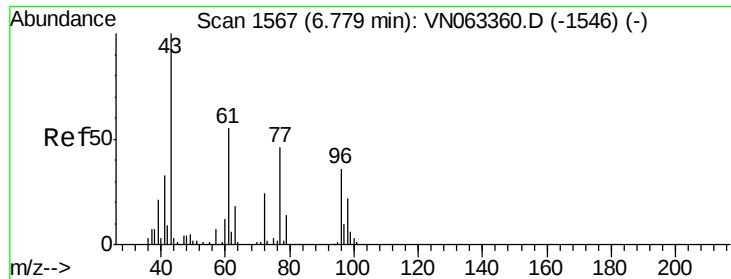
MMDadoda
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#26
2,2-Dichloropropane
Concen: 44.037 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 77 Resp: 245580
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.6





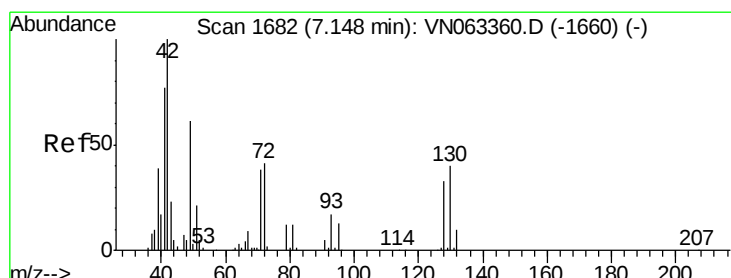
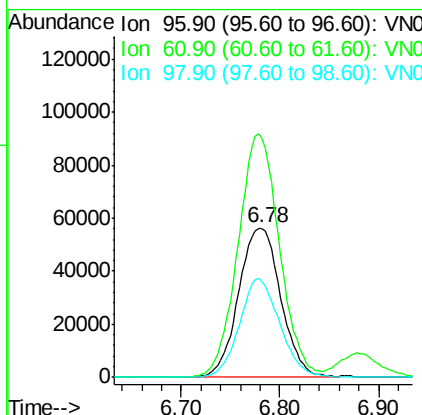
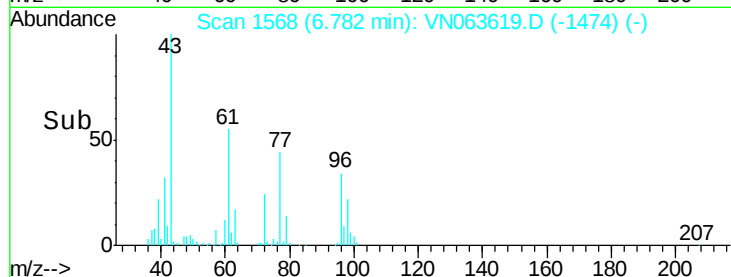
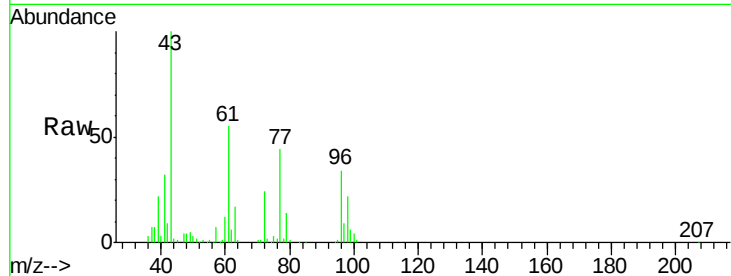
#27
 cis-1,2-Dichloroethene
 Concen: 46.196 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166604		
61	160.0	0.0	319.6	
98	63.4	0.0	127.8	

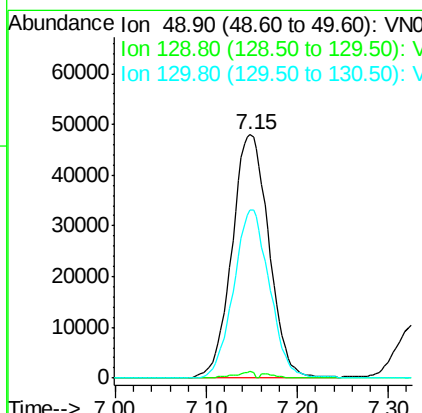
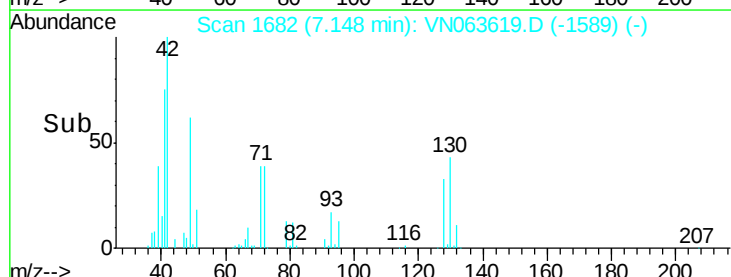
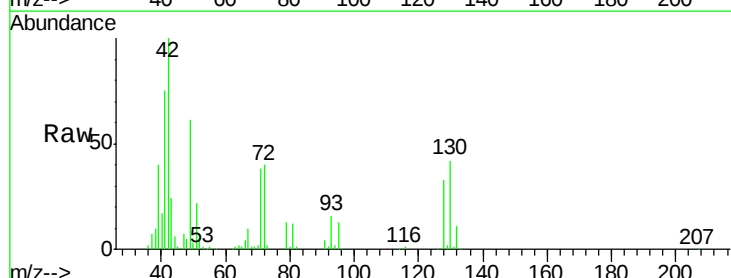
Manual Integrations
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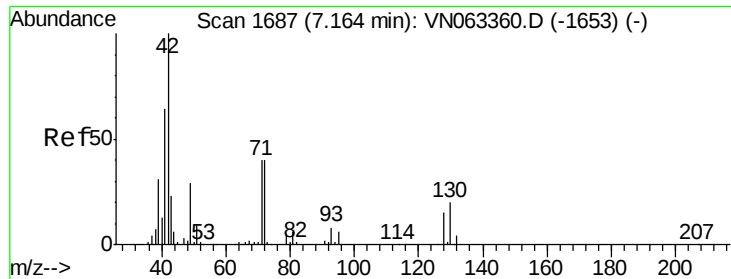
MMDadoda
 9/28/2020 5:15:59 PM



#28
 Bromochloromethane
 Concen: 46.261 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	135296		
129	1.3	0.0	3.8	
130	67.1	52.2	78.2	





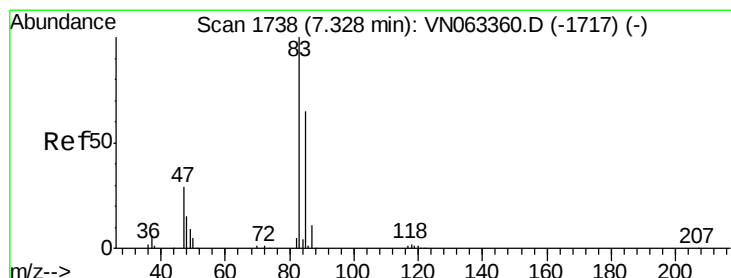
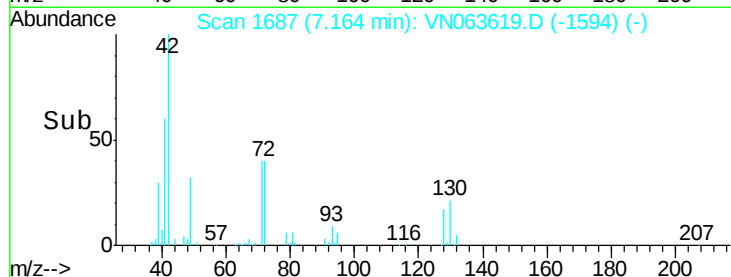
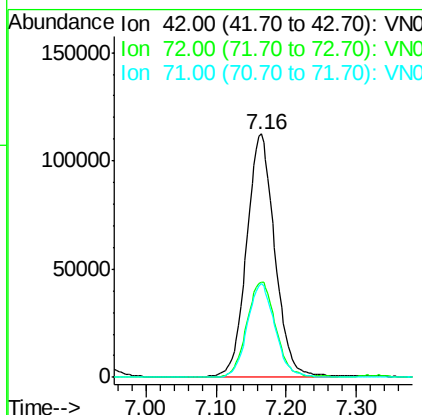
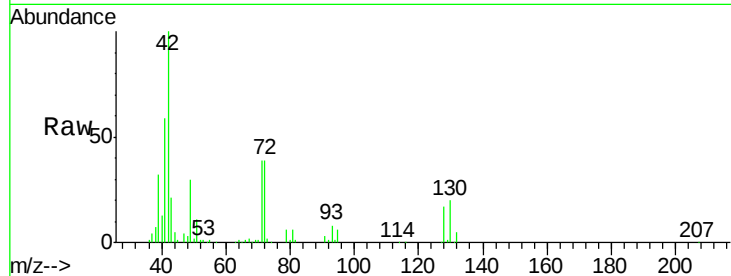
#29
Tetrahydrofuran
Concen: 214.500 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.1	48.1
71	37.6	31.2	46.8

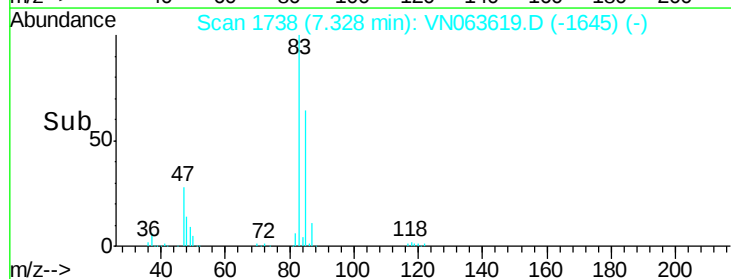
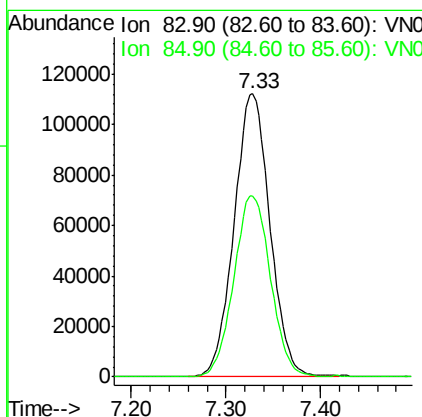
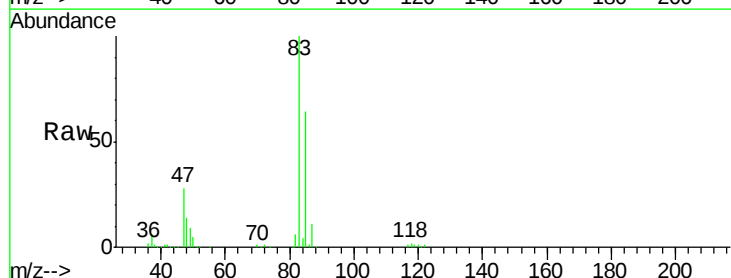
Manual Integrations
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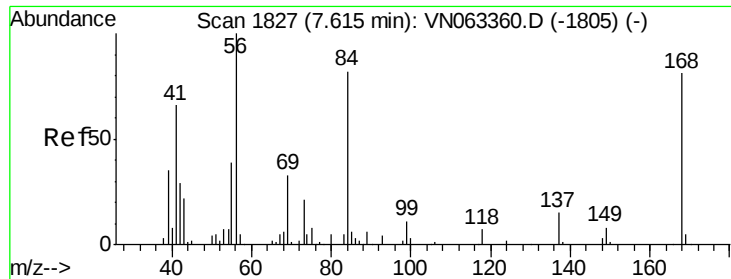
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#30
Chloroform
Concen: 46.551 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.1	78.1





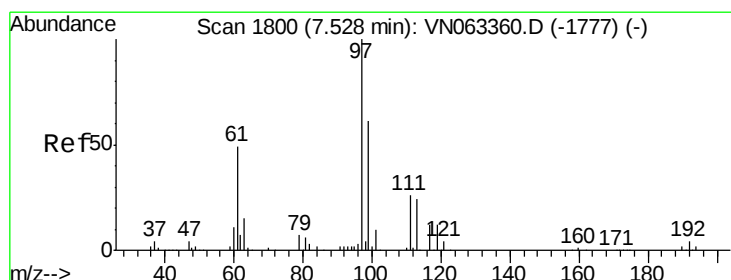
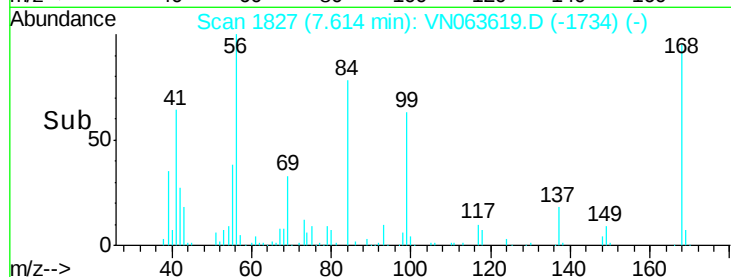
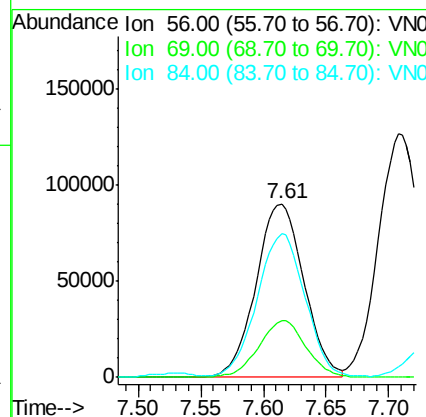
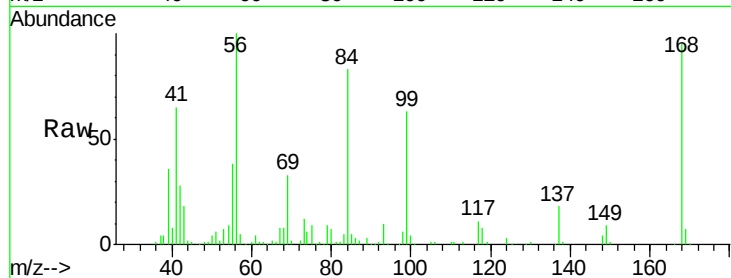
#31
Cyclohexane
Concen: 40.117 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.1	39.1
84	81.3	65.4	98.2

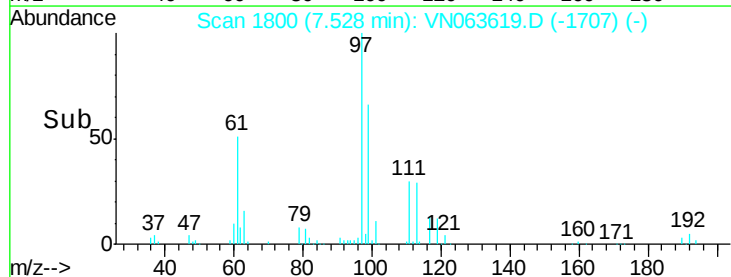
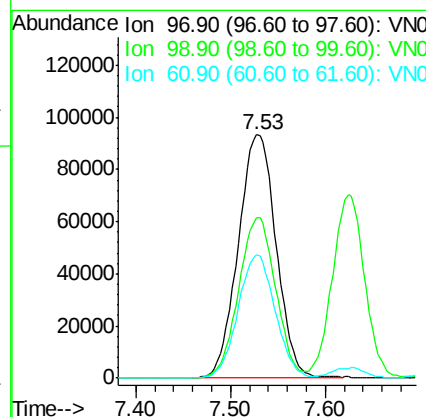
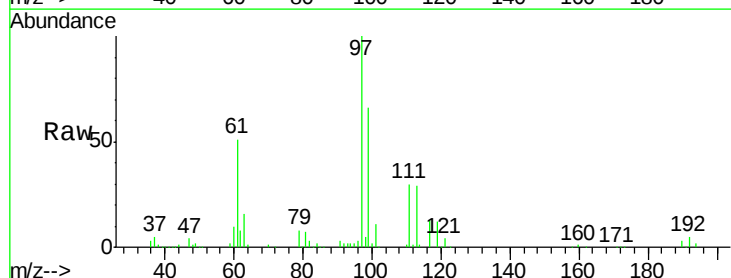
Manual Integrations
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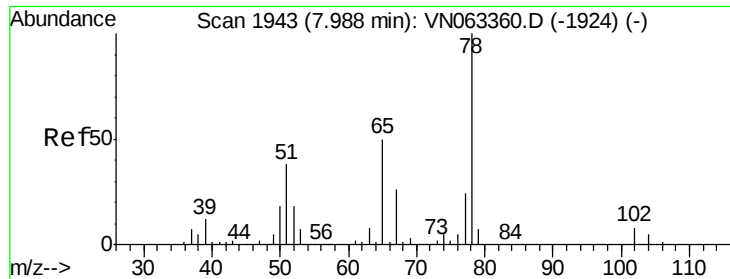
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#32
1,1,1-Trichloroethane
Concen: 45.946 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	76.0
61	49.7	39.2	58.8





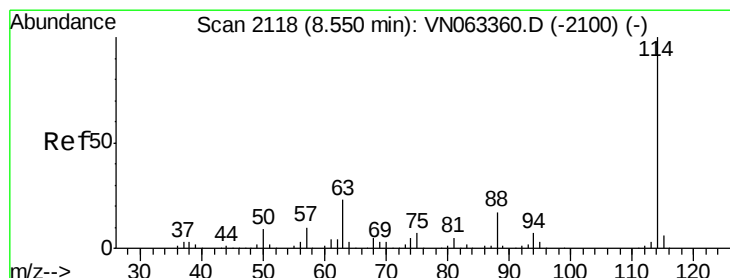
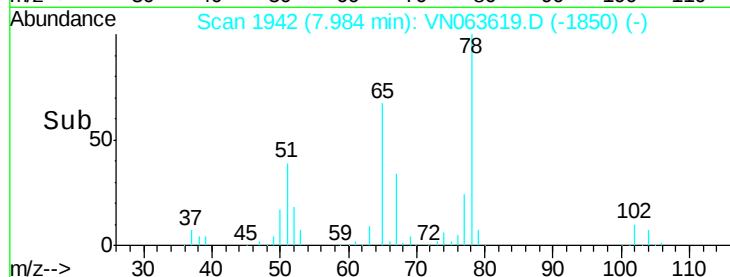
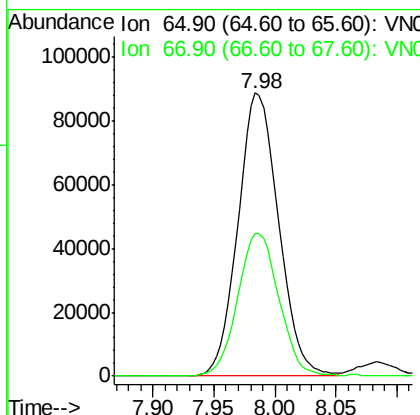
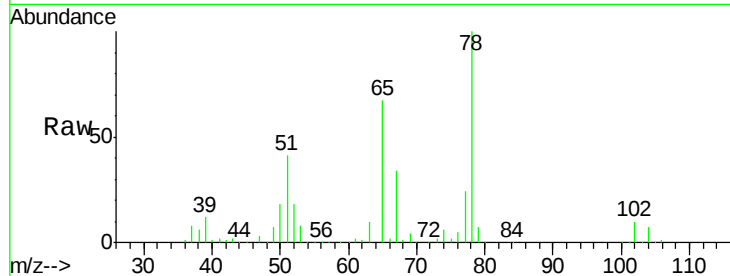
#33
 1,2-Dichloroethane-d4
 Concen: 47.080 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	204239		
67	51.2	0.0	104.2	

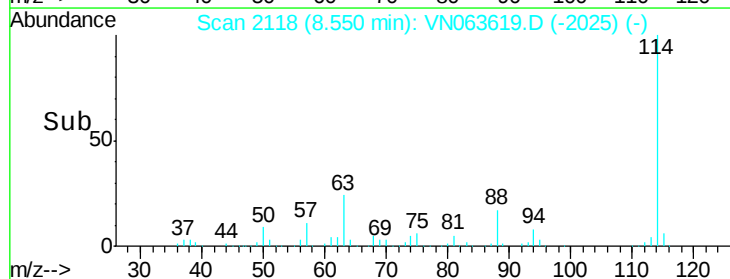
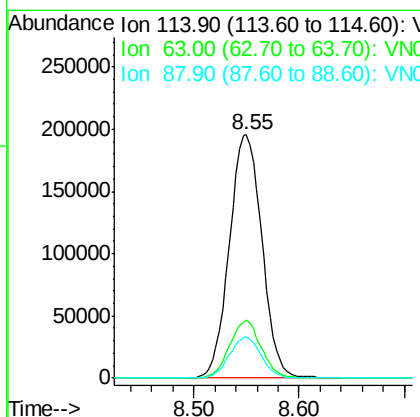
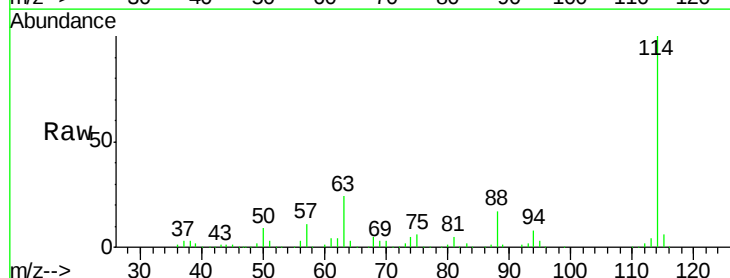
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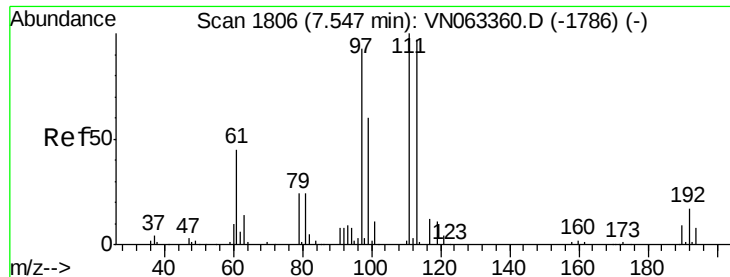
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	418545		
63	23.6	0.0	46.4	
88	16.9	0.0	33.2	





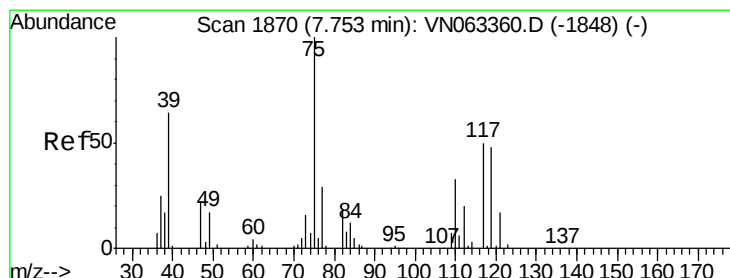
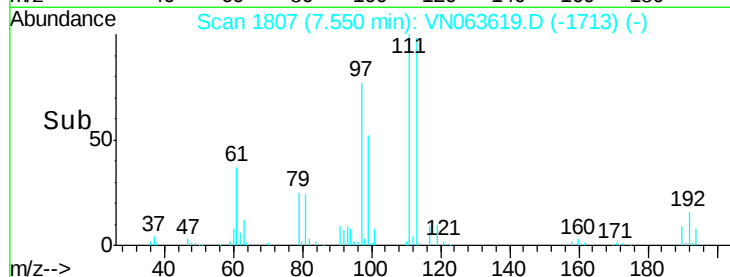
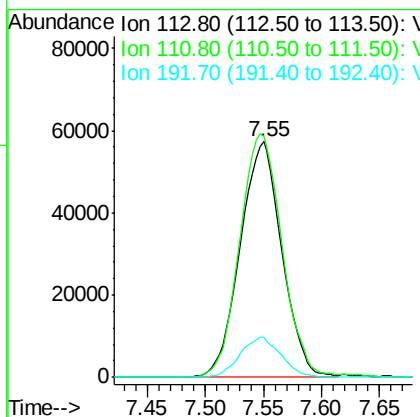
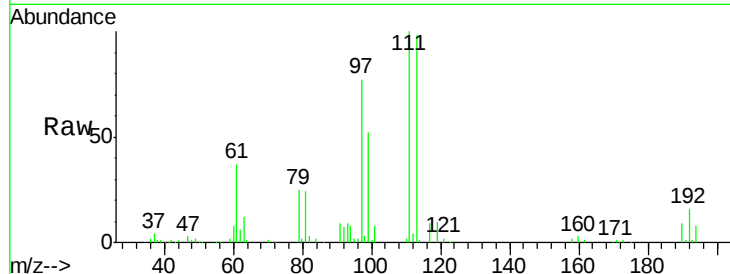
#35
 Dibromofluoromethane
 Concen: 49.457 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	105.7	82.9	124.3	
192	16.7	13.9	20.9	

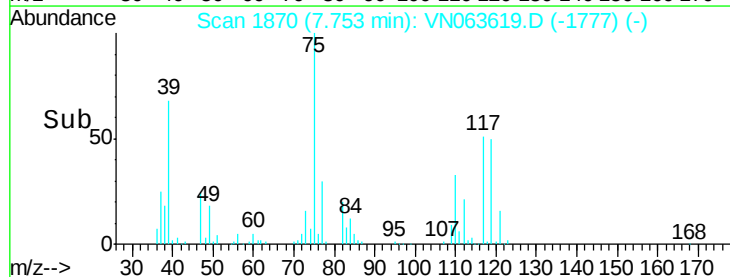
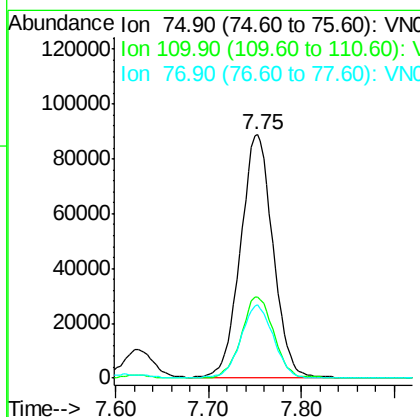
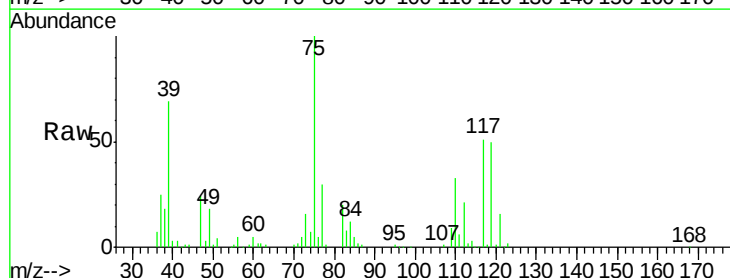
Manual Integrations
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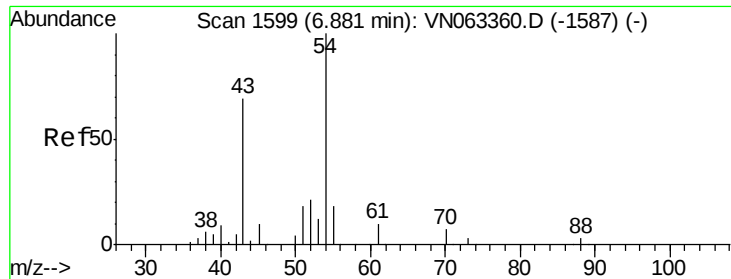
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#36
 1,1-Dichloropropene
 Concen: 48.209 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.2	16.5	49.5	
77	30.3	24.6	36.8	





#37

Ethyl Acetate

Concen: 44.626 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

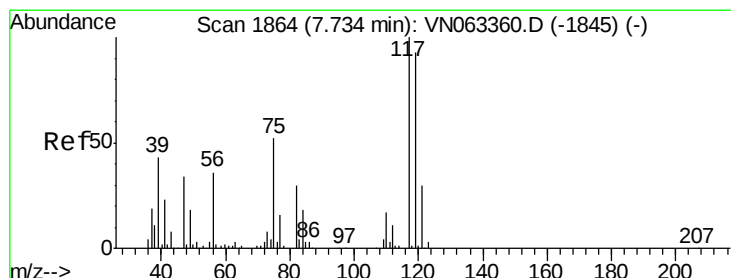
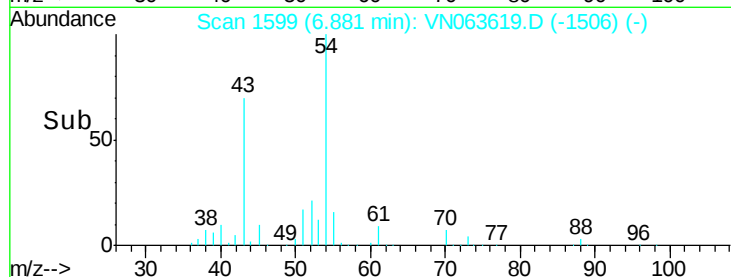
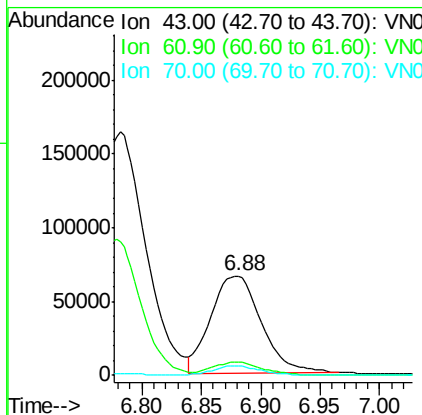
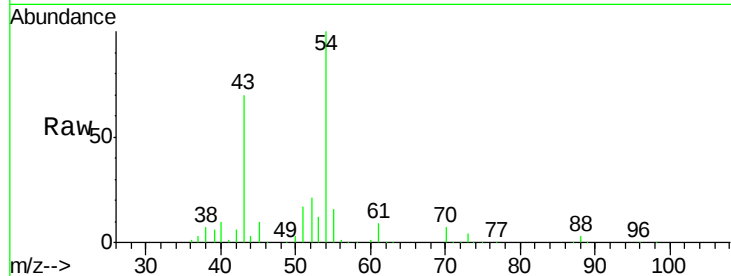
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	195297
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	15.8
70	9.4	7.2	10.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.742 ug/l

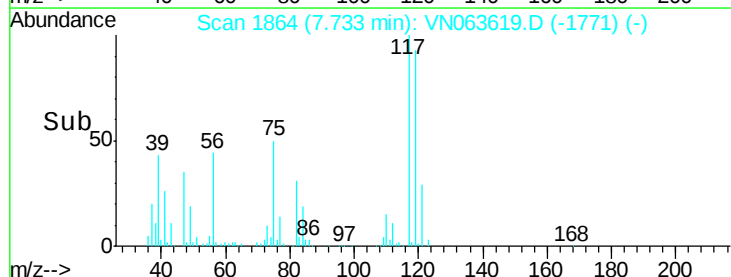
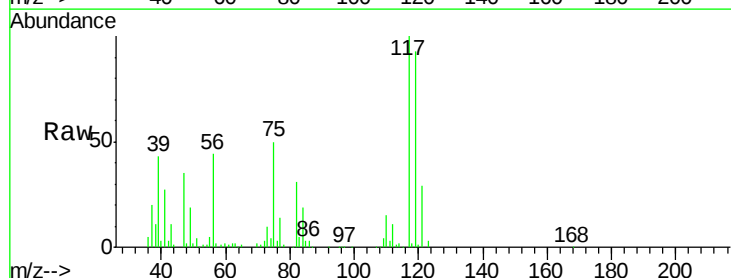
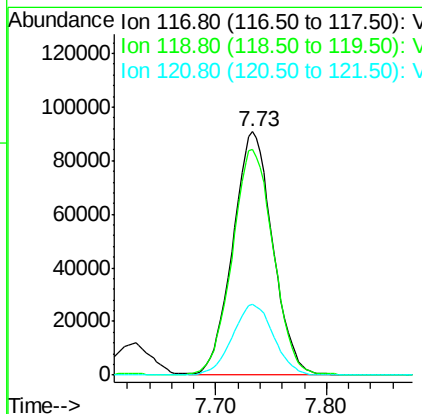
RT: 7.73 min Scan# 1864

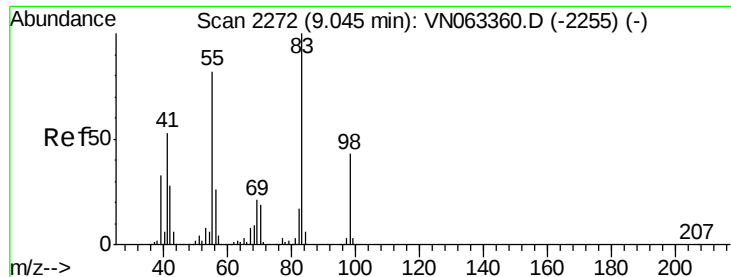
Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	117	Resp:	226414
Ion	Ratio	Lower	Upper
117	100		
119	92.3	74.5	111.7
121	28.9	24.1	36.1





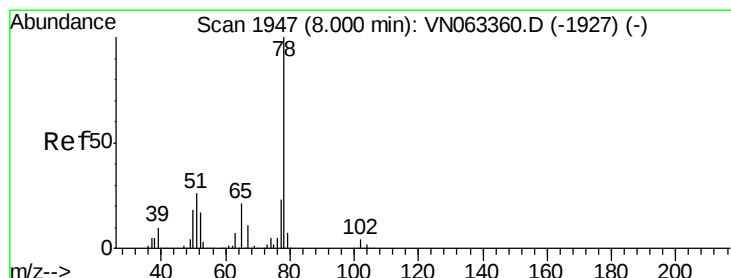
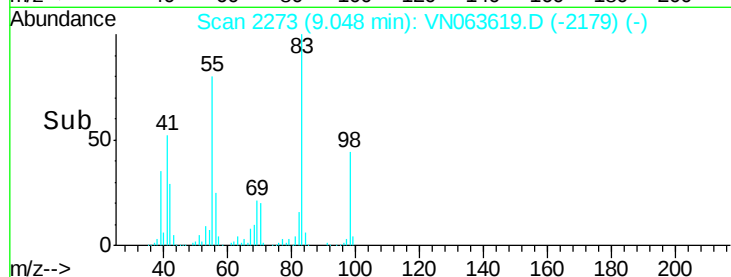
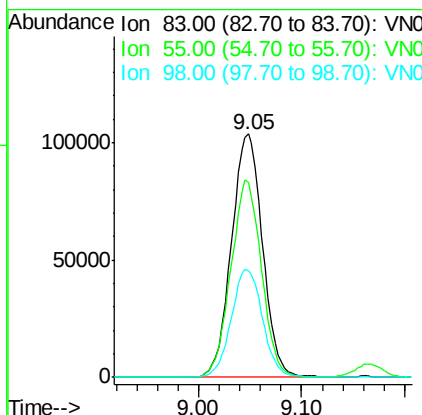
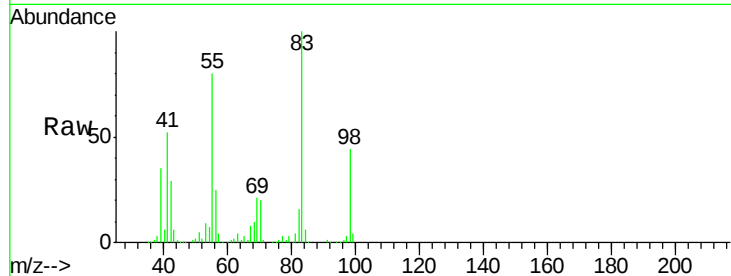
#39
Methvlcvclohexane
Concen: 45.049 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	218012		
55	80.0		65.5	98.3
98	43.7		34.2	51.4

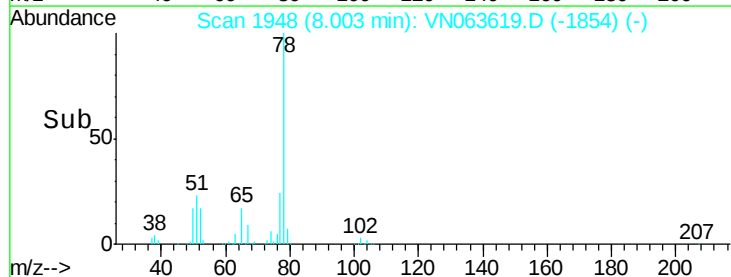
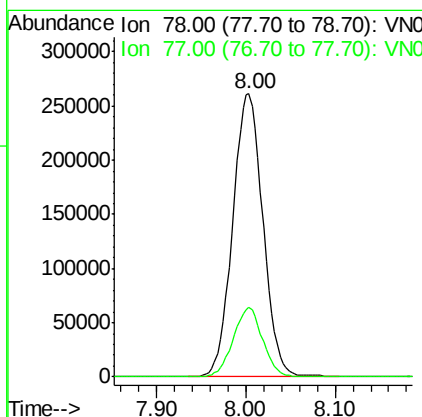
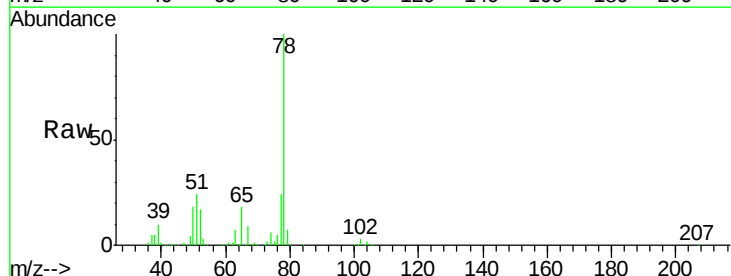
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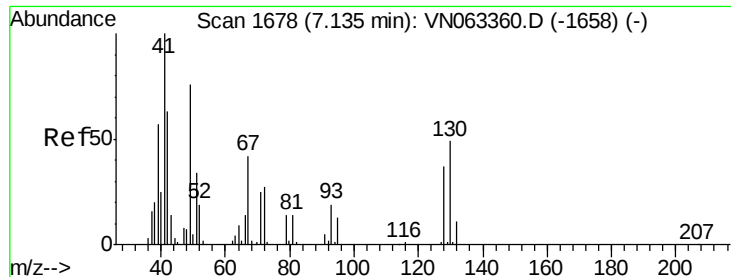
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#40
Benzene
Concen: 48.314 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	614974		
77	24.4		18.3	27.5





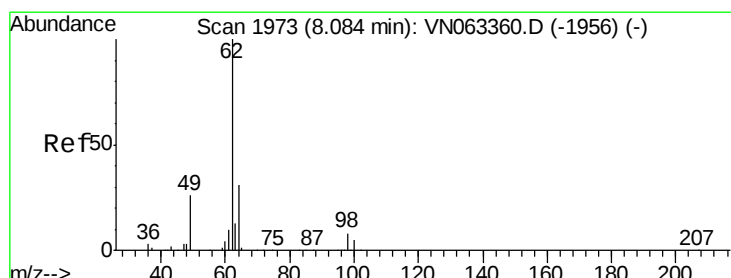
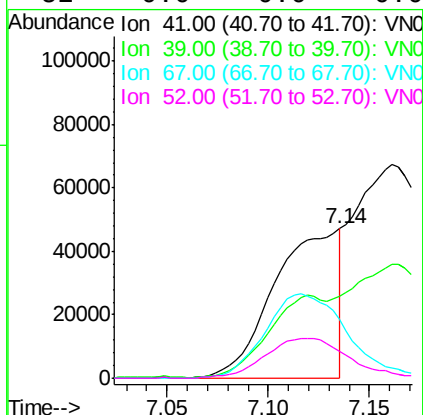
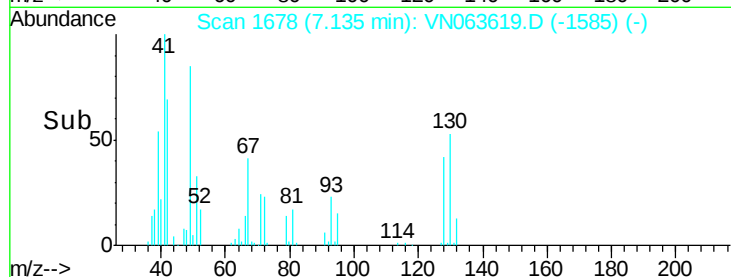
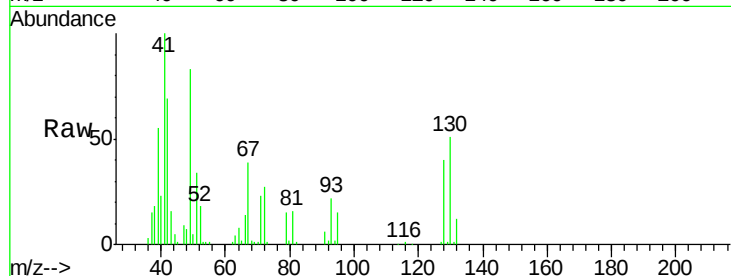
#41
Methacrylonitrile
Concen: 53.648 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	105596		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

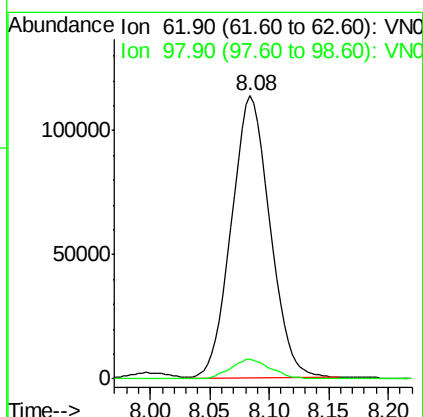
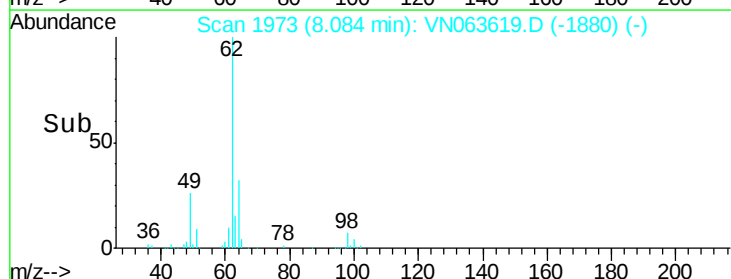
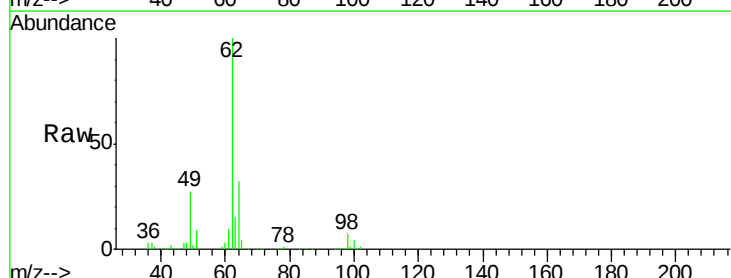
Manual Integrations
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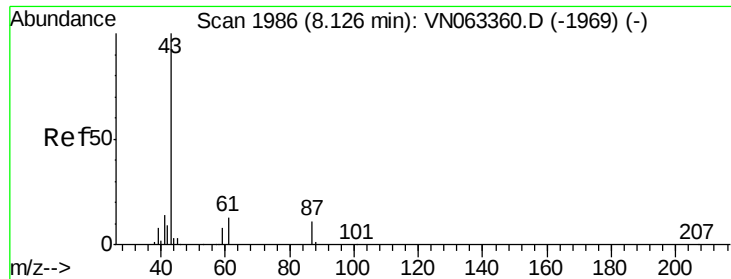
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#42
1,2-Dichloroethane
Concen: 49.877 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	255316		
98	7.3	0.0	15.6	





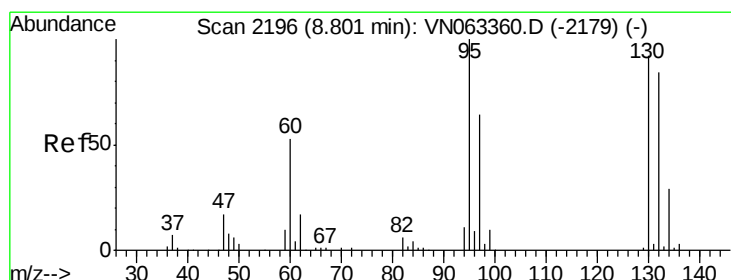
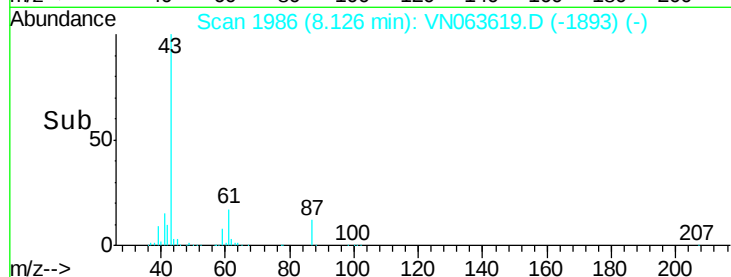
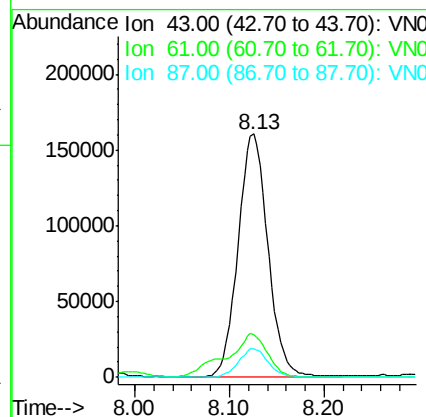
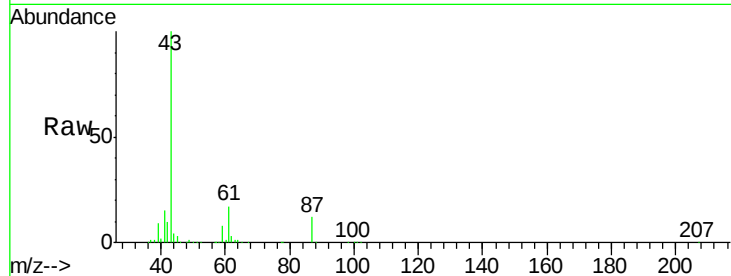
#43
Isopropyl Acetate
Concen: 44.943 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.4	14.2	21.2#
87	11.8	9.0	13.6

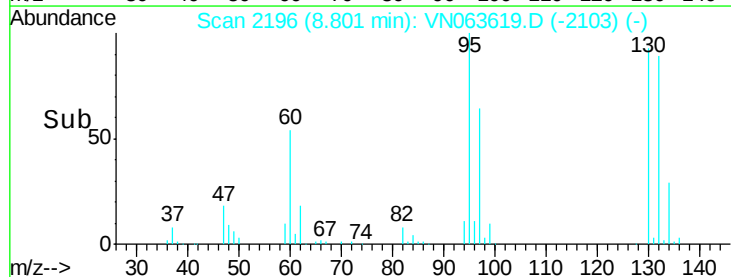
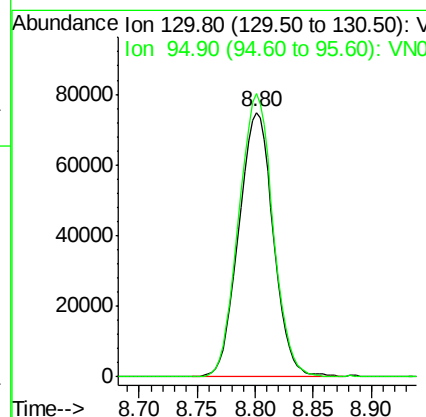
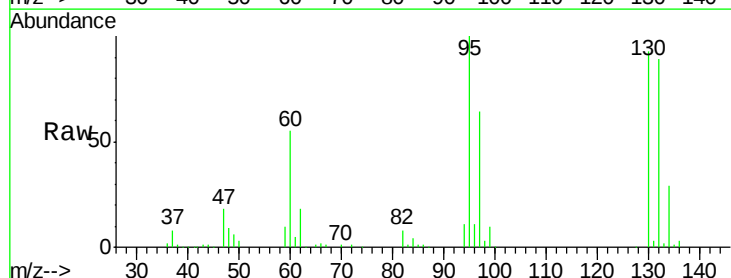
Manual Integrations
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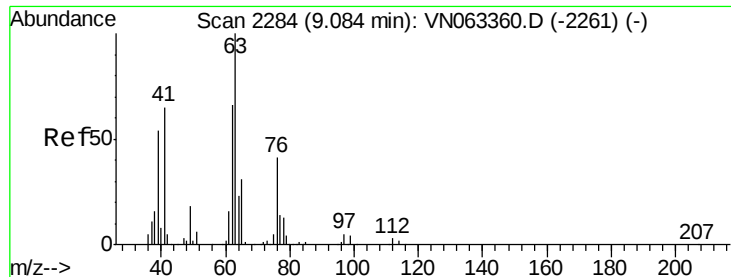
MMDadoda
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#44
Trichloroethene
Concen: 50.220 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	217.4





#45

1,2-Dichloropropane

Concen: 48.132 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 166863

Ion Ratio Lower Upper

63 100

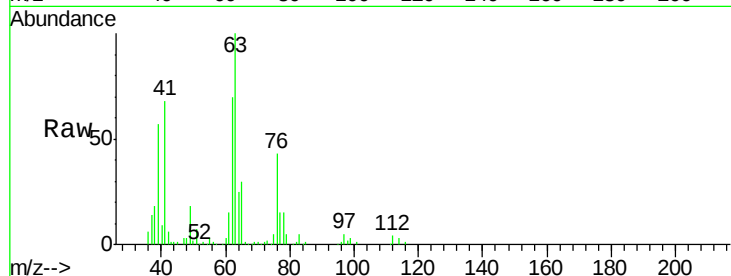
65 30.3 25.0 37.6

Manual Integrations

APPROVED

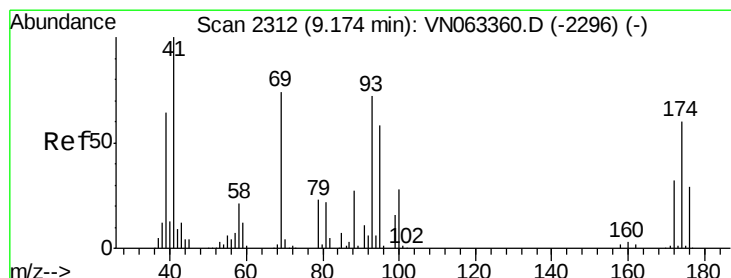
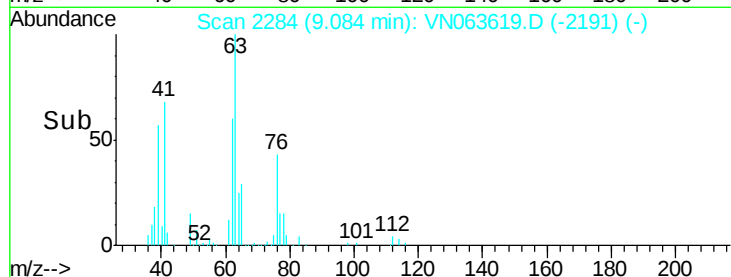
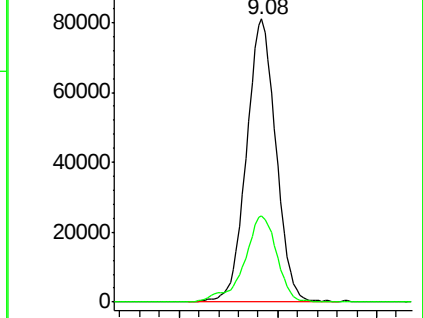
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.873 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

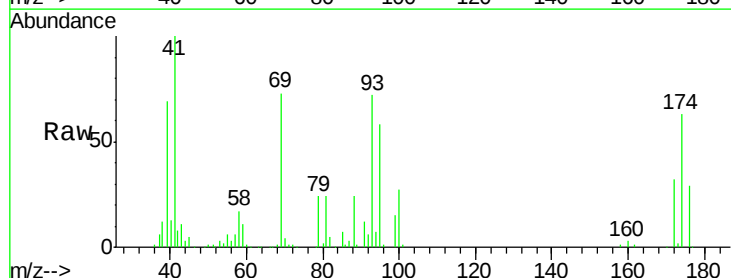
Tgt Ion: 93 Resp: 113640

Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

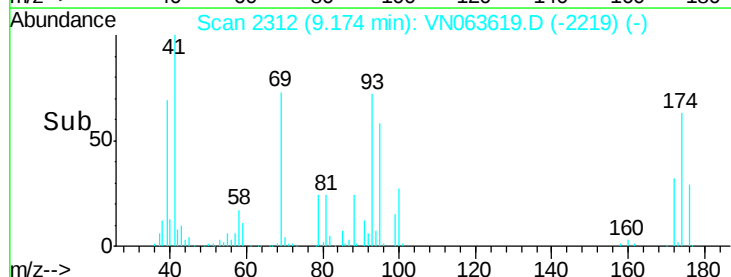
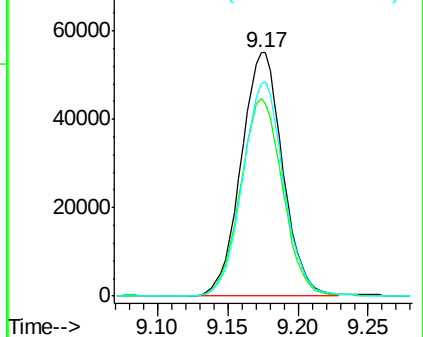
174 87.1 68.1 102.1

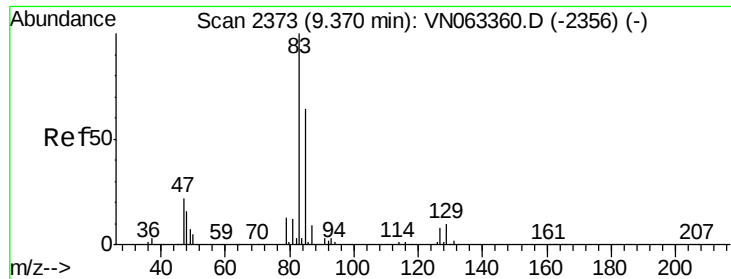


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.573 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

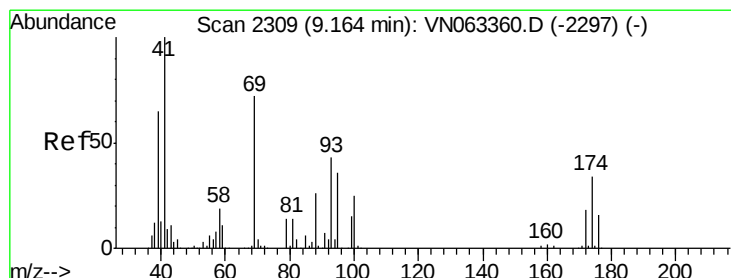
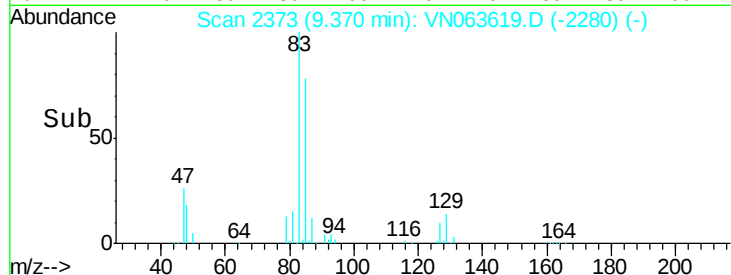
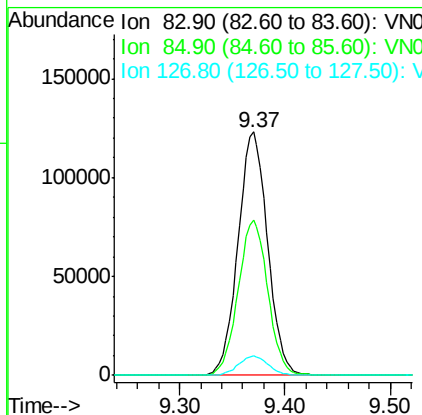
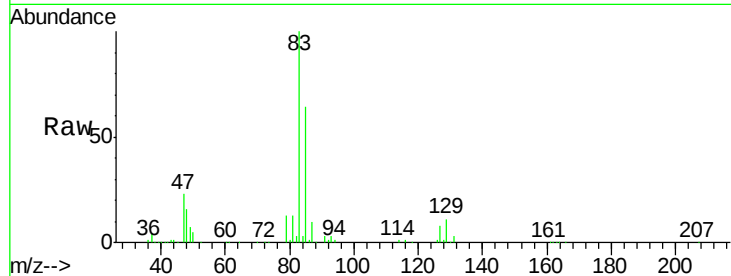
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	239396
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.6
127	8.0	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.257 ug/l

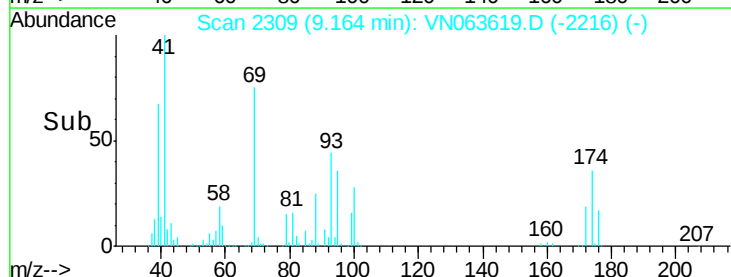
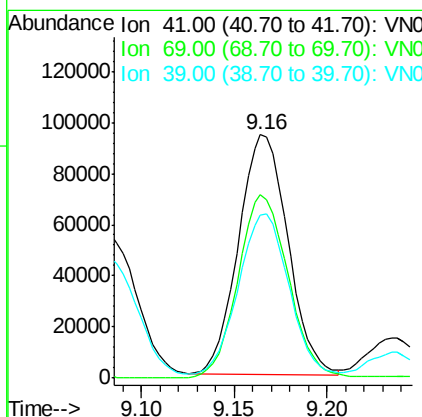
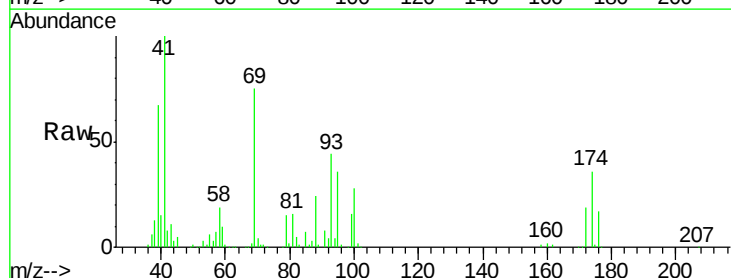
RT: 9.16 min Scan# 2309

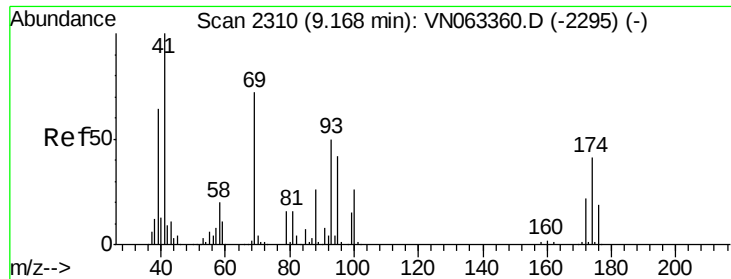
Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	41	Resp:	173997
Ion	Ratio	Lower	Upper
41	100		
69	77.9	59.3	88.9
39	70.8	52.9	79.3





#49

1,4-Dioxane

Concen: 866.769 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

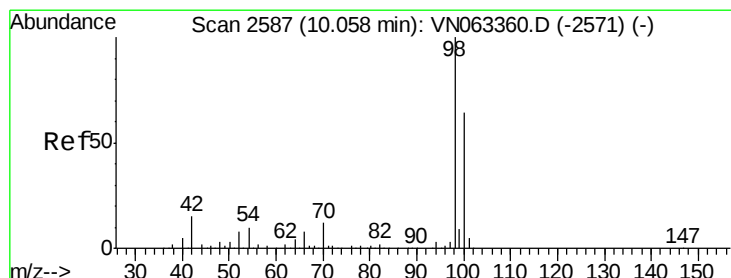
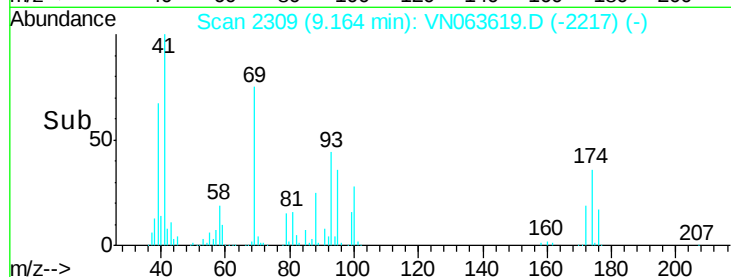
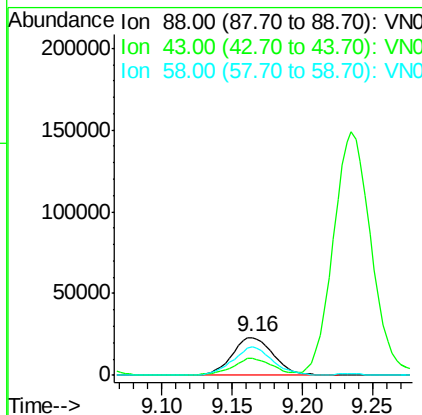
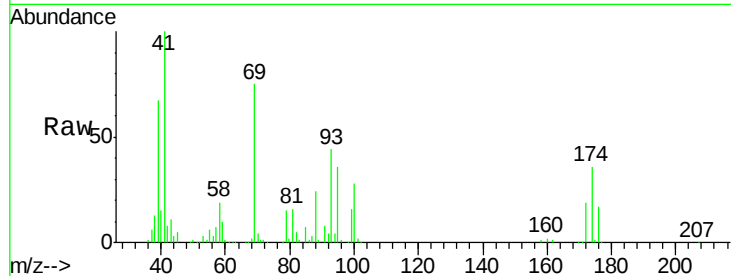
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	47822
Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.6	49.0
58	72.3	60.0	90.0

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#50

Toluene-d8

Concen: 50.208 ug/l

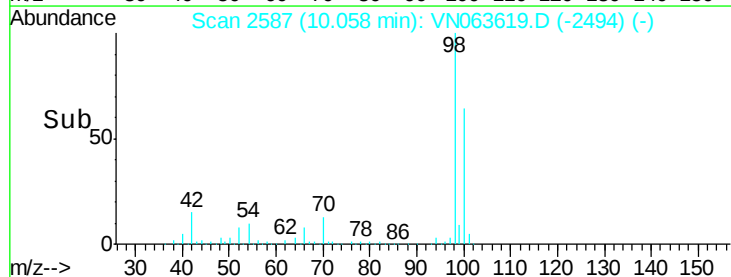
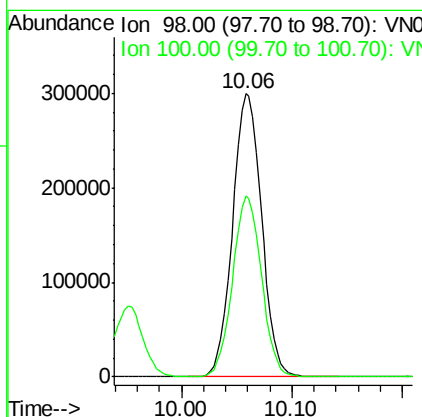
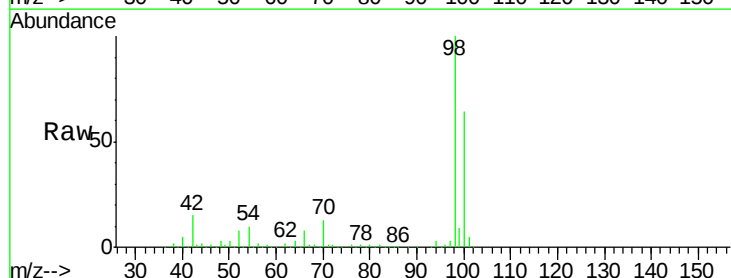
RT: 10.06 min Scan# 2587

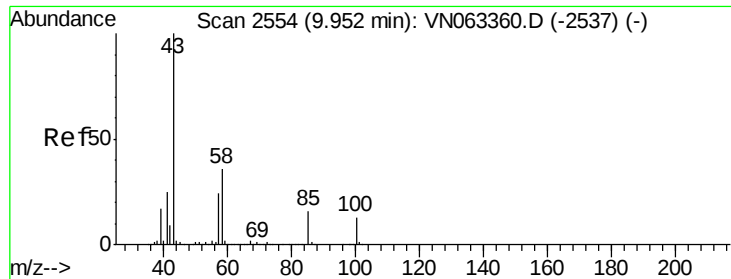
Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	98	Resp:	547019
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





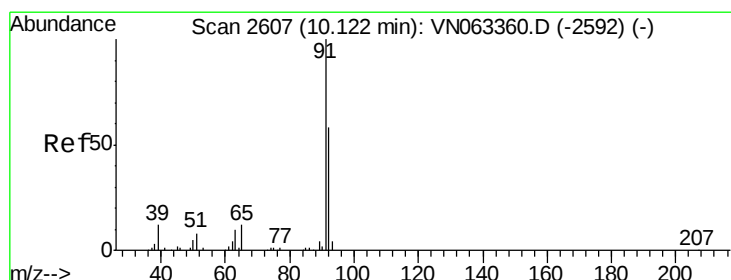
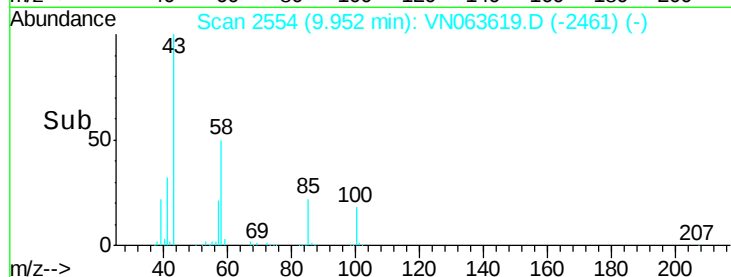
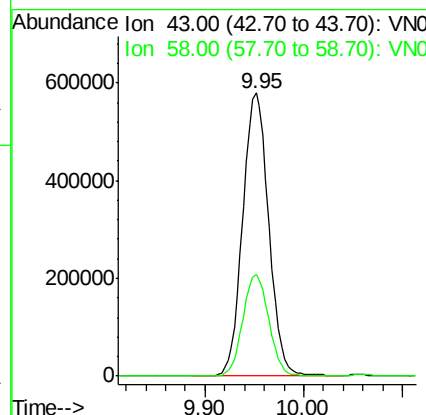
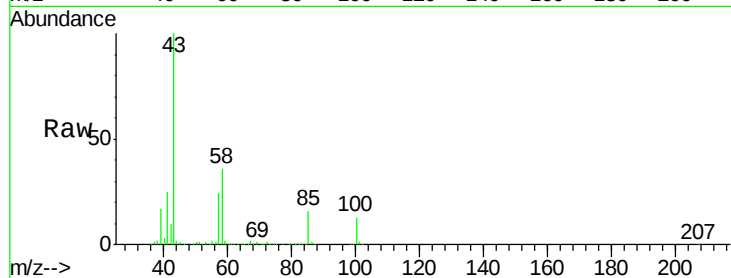
#51
4-Methyl-2-Pentanone
Concen: 240.634 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1054189
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6

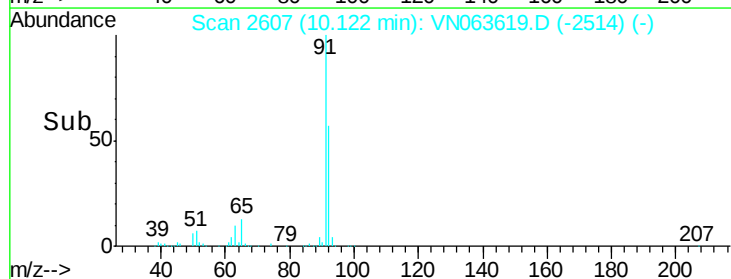
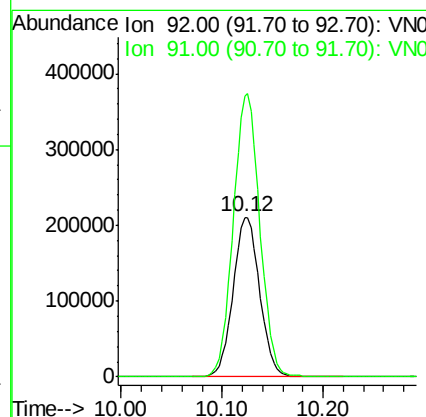
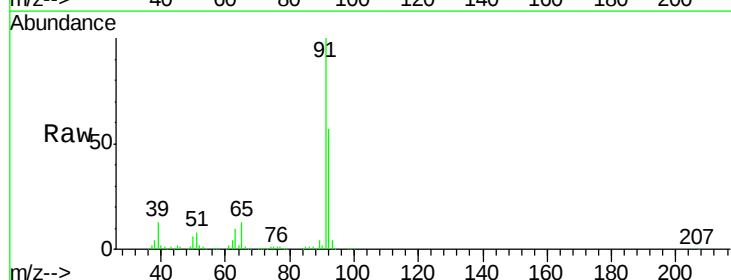
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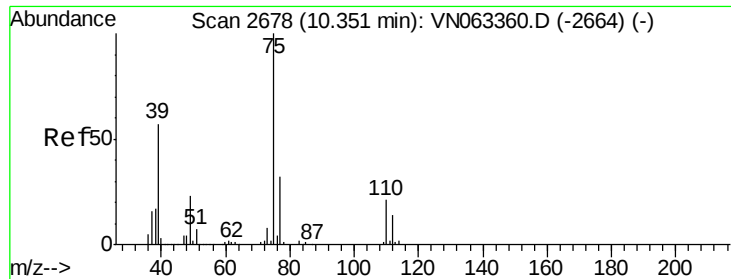
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#52
Toluene
Concen: 50.558 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 92 Resp: 386924
Ion Ratio Lower Upper
92 100
91 176.6 139.7 209.5





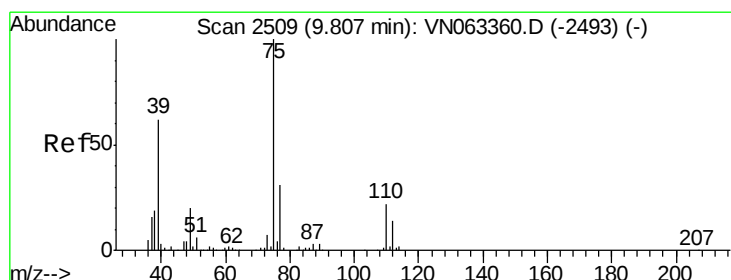
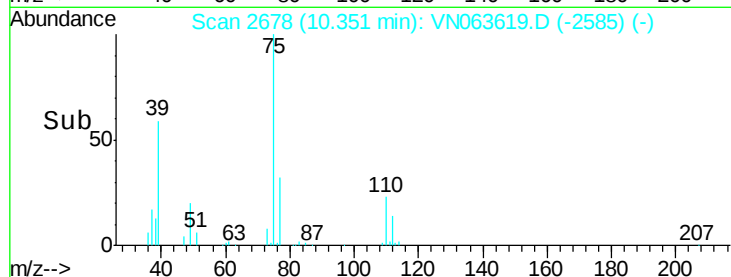
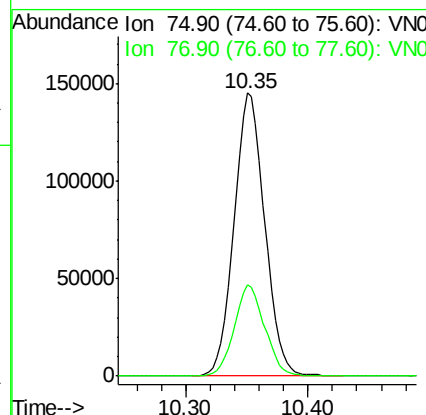
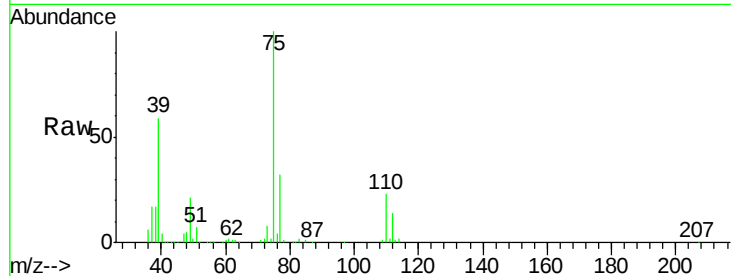
#53
t-1,3-Dichloropropene
Concen: 48.084 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 254106
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

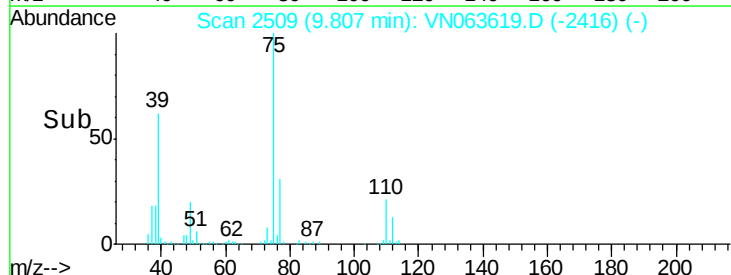
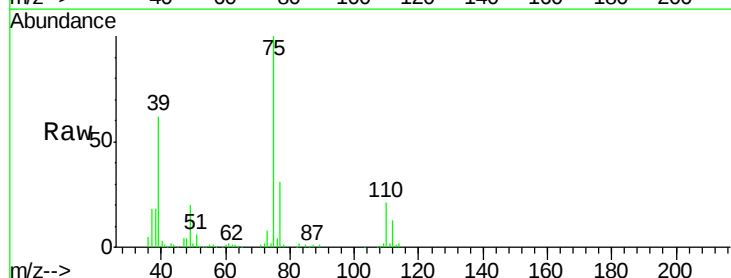
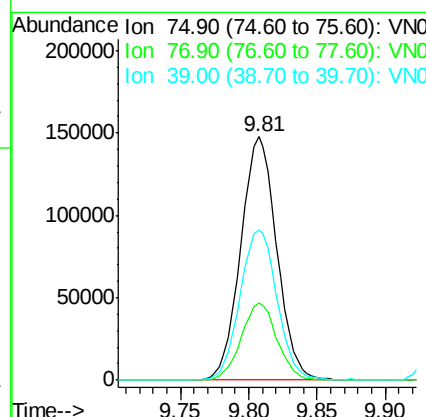
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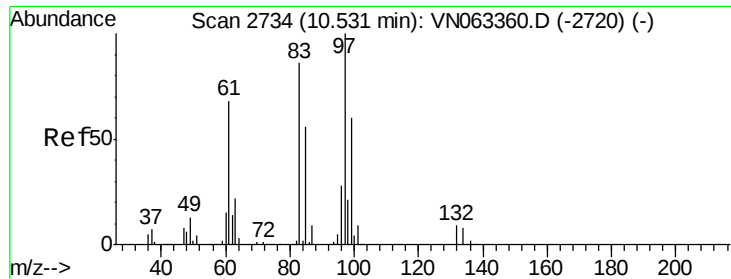
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#54
cis-1,3-Dichloropropene
Concen: 48.637 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 75 Resp: 271114
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
39 61.8 49.8 74.8





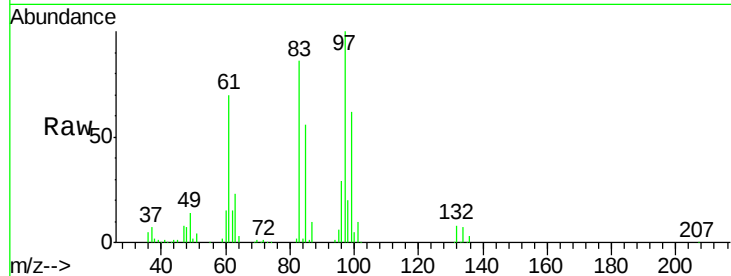
#55
 1,1,2-Trichloroethane
 Concen: 50.884 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	154679
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.9	103.3
85	55.8	44.8	67.2
99	62.2	47.8	71.8

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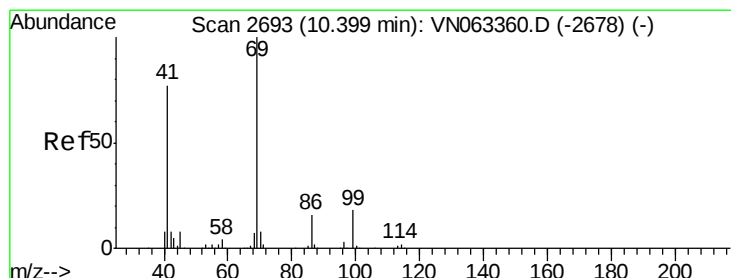
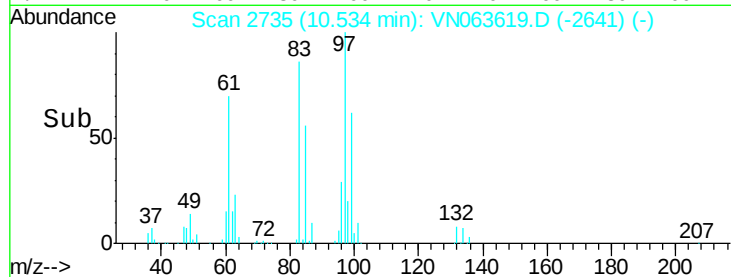
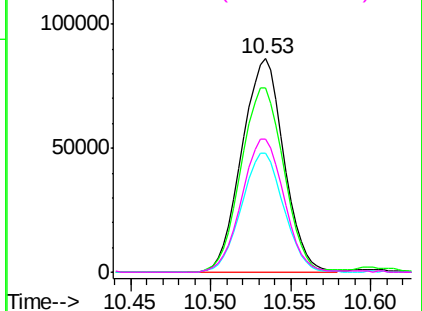


Abundance Ion 96.90 (96.60 to 97.60): VN063619.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063619.D (-2641) (-)

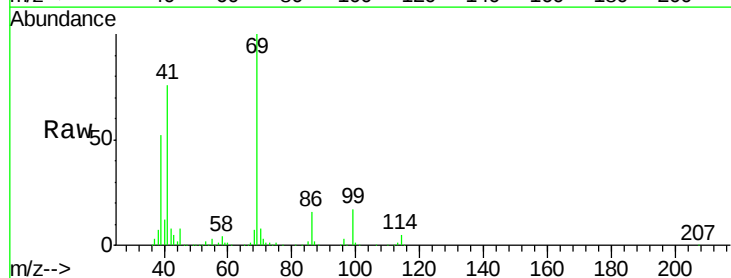
Ion 84.90 (84.60 to 85.60): VN063619.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063619.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 48.276 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

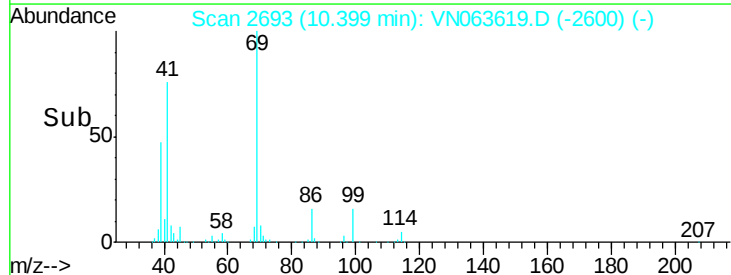
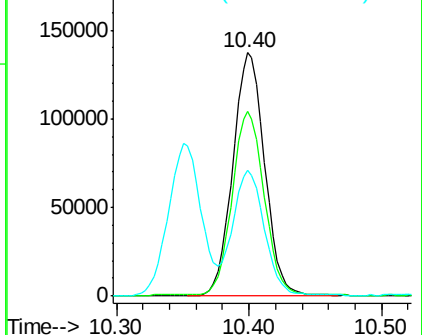
Tgt Ion:	69	Resp:	229092
Ion	Ratio	Lower	Upper
69	100		
41	75.3	61.0	91.6
39	51.7	39.2	58.8



Abundance Ion 69.00 (68.70 to 69.70): VN063619.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063619.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063619.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 48.664 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 266764

Ion Ratio Lower Upper

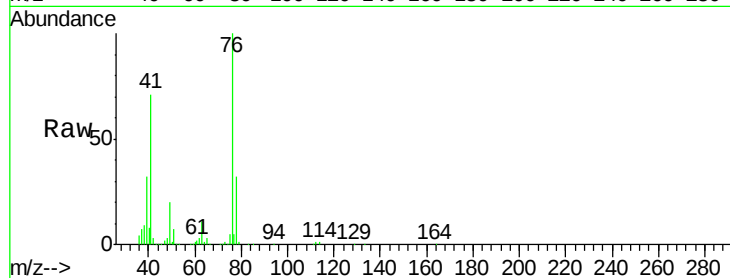
76 100

78 32.1 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

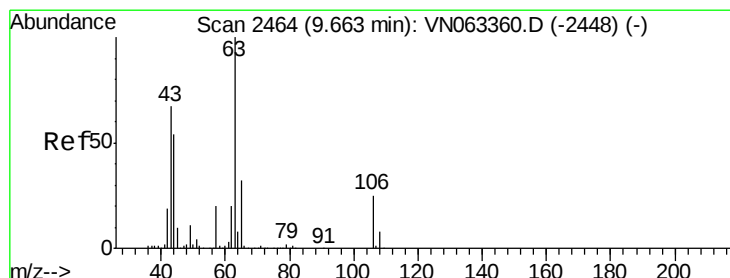
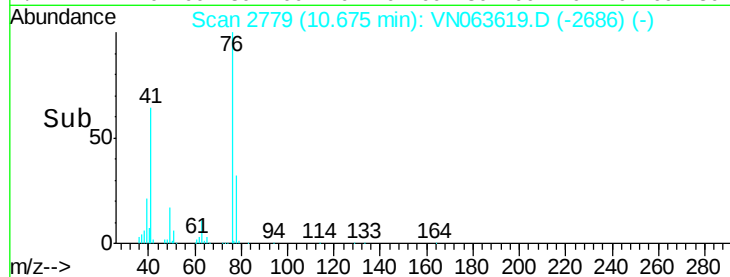
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.018 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063619.D

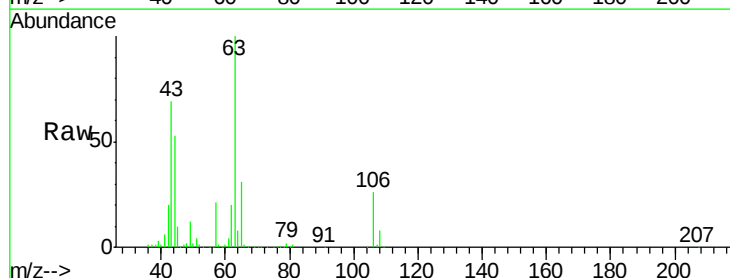
Acq: 24 Sep 2020 11:13

Tgt Ion: 63 Resp: 597500

Ion Ratio Lower Upper

63 100

106 25.7 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

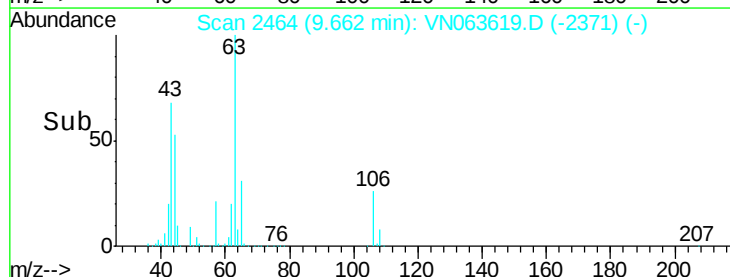
300000

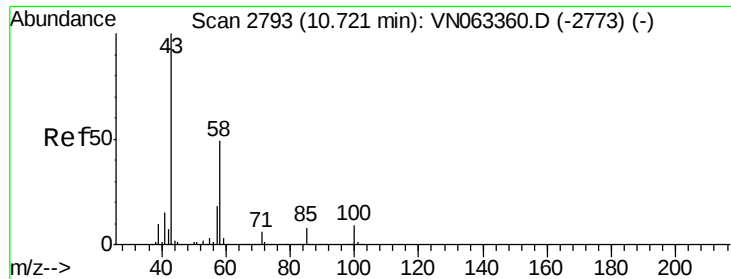
200000

100000

0

Time-->





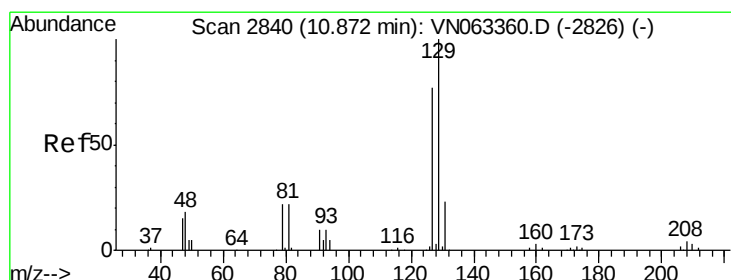
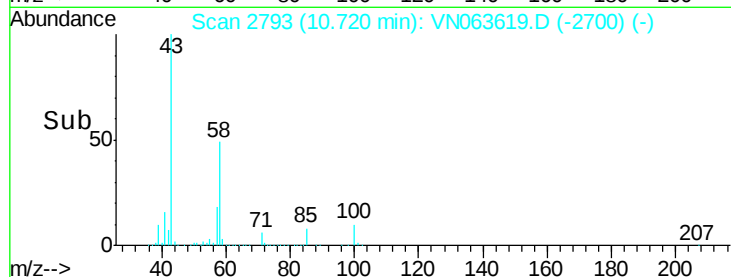
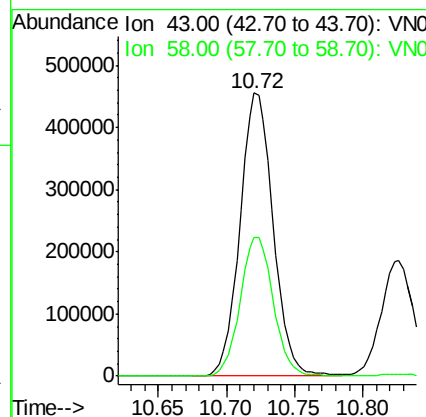
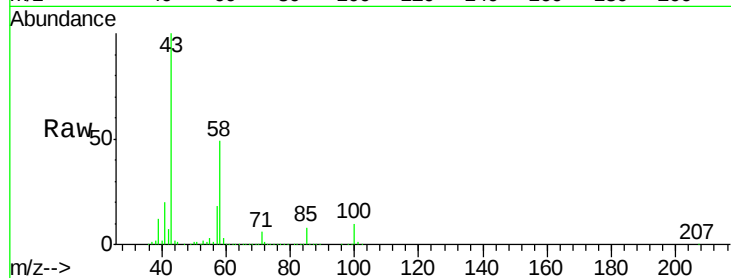
#59
2-Hexanone
Concen: 240.887 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 764535
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1

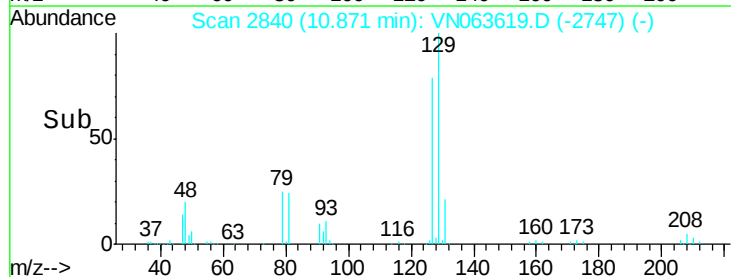
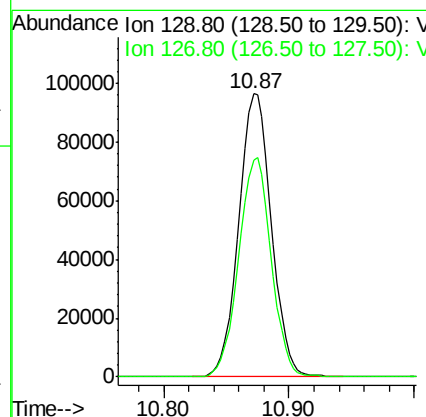
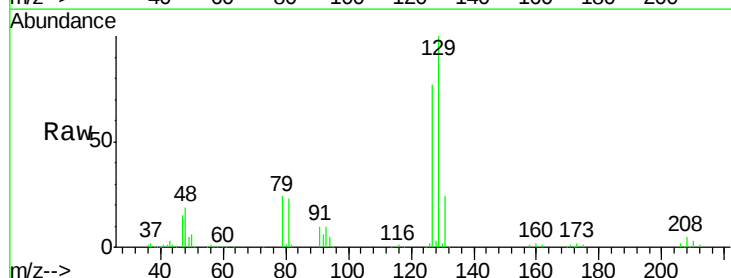
Manual Integrations
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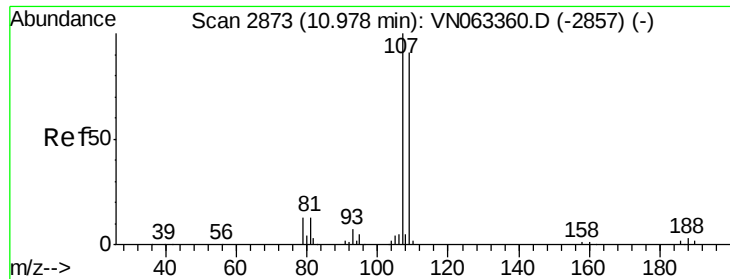
MMDadoda
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#60
Dibromochloromethane
Concen: 50.812 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 129 Resp: 174497
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





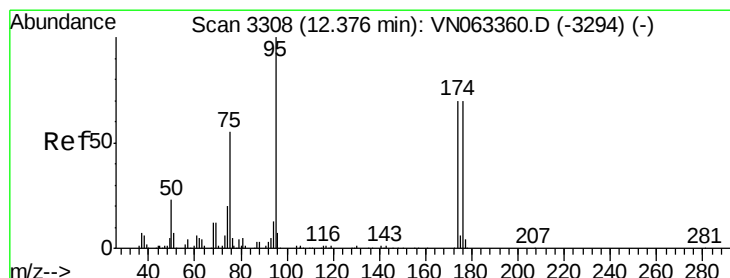
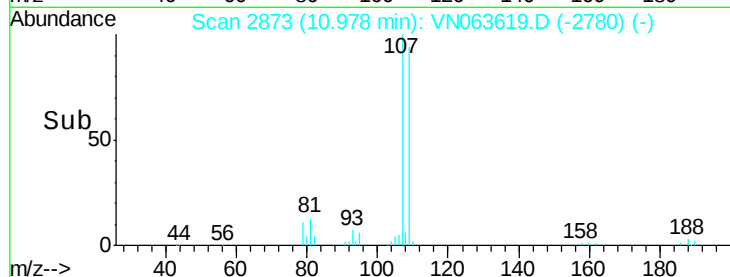
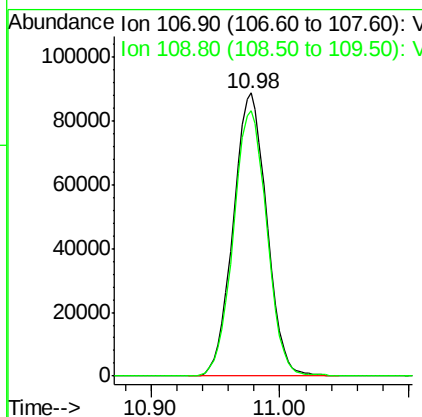
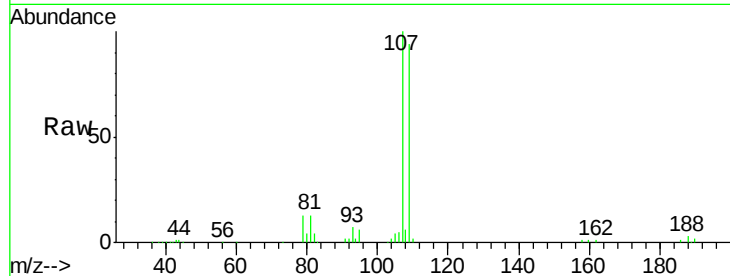
#61
 1,2-Dibromoethane
 Concen: 50.692 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	160091		
109	94.0	74.6	111.8	

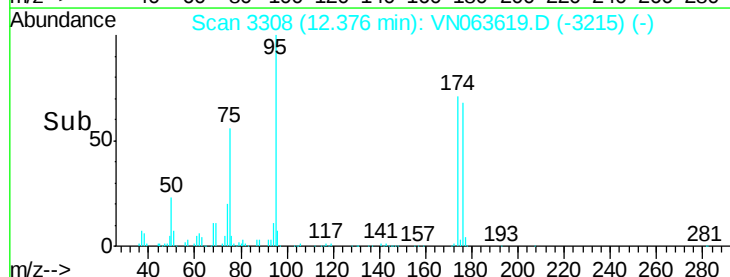
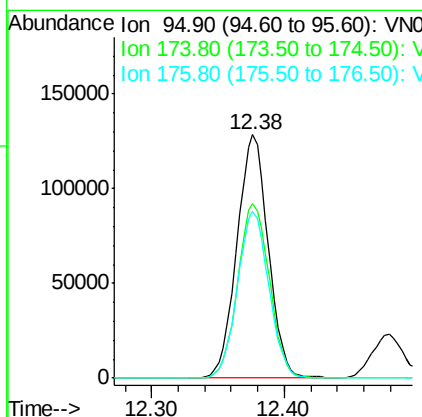
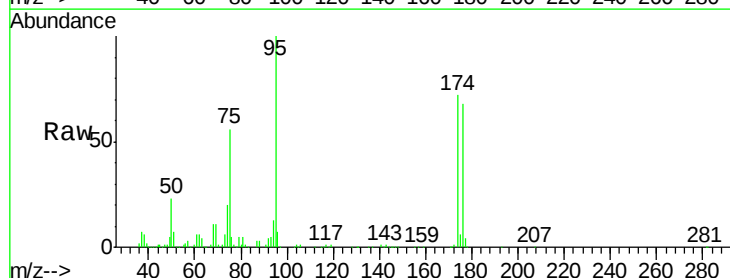
Manual Integrations
 APPROVED

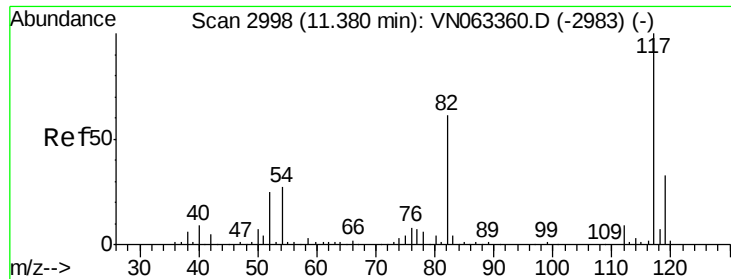
MMDadoda
 9/28/2020 5:15:59 PM



#62
 4-Bromofluorobenzene
 Concen: 52.702 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	210488		
174	72.6	0.0	140.8	
176	68.9	0.0	137.6	





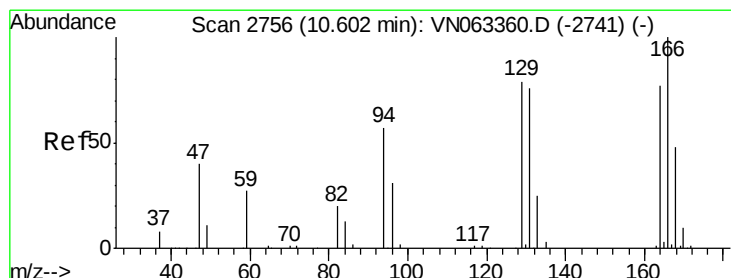
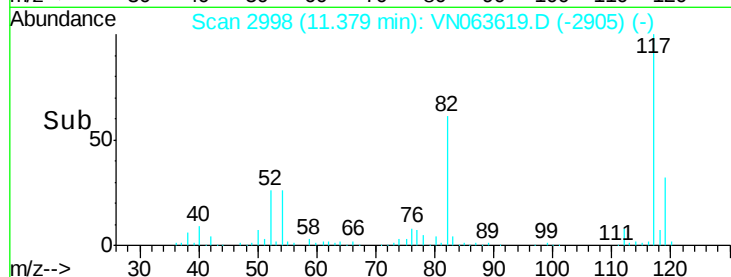
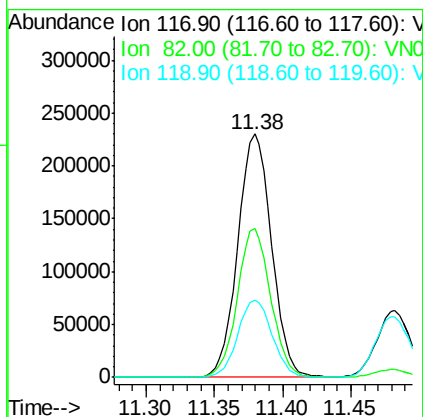
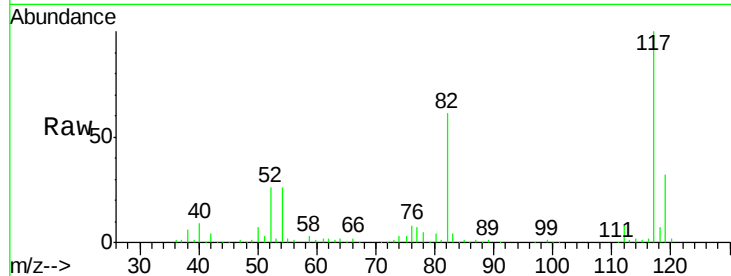
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.2	73.8
119	31.8	26.2	39.4

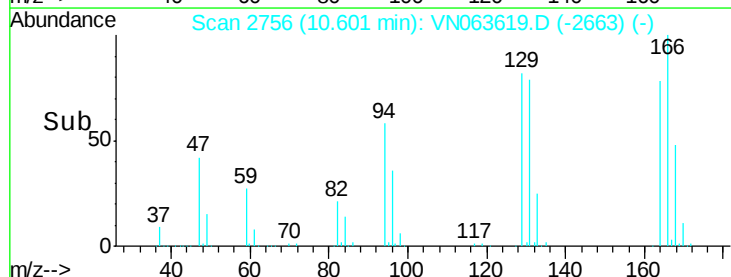
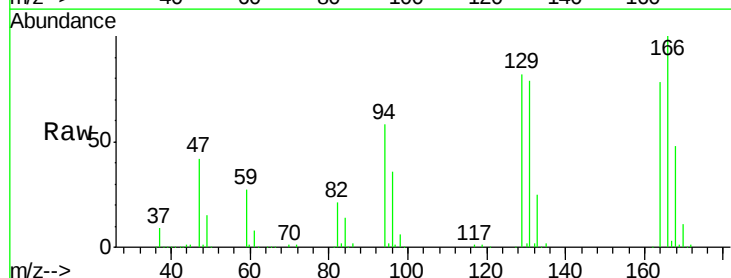
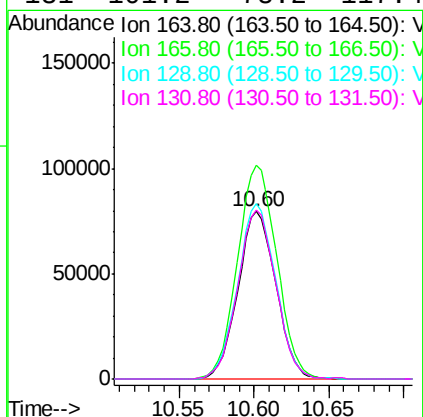
Manual Integrations
APPROVED

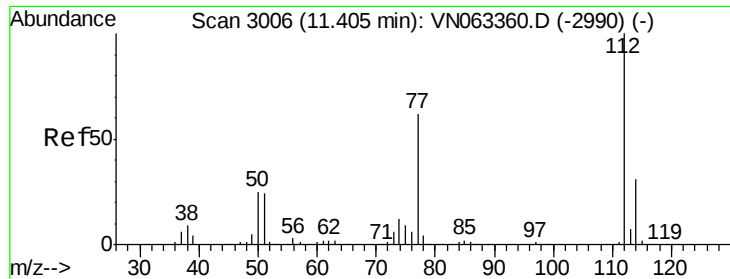
MMDadoda
9/28/2020 5:15:59 PM



#64
Tetrachloroethene
Concen: 52.097 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.4	155.0
129	104.6	81.8	122.6
131	101.2	78.2	117.4





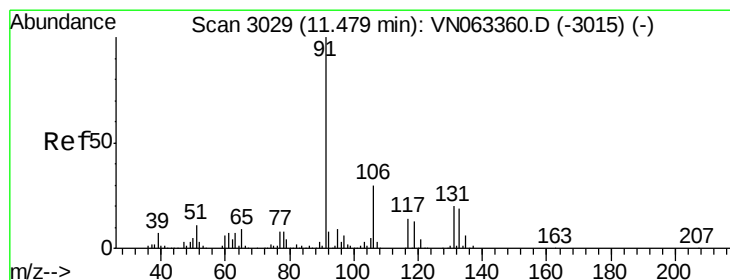
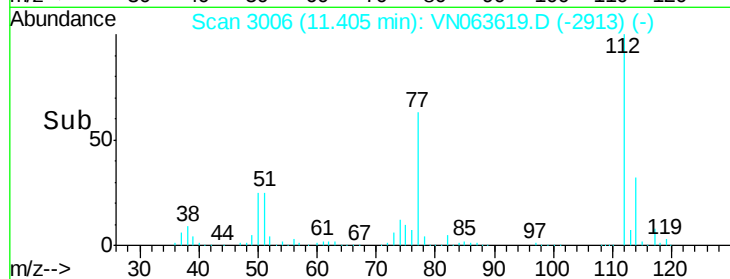
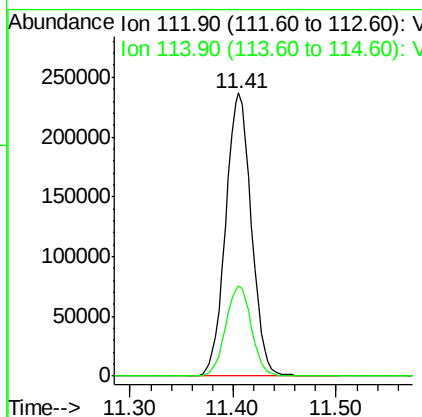
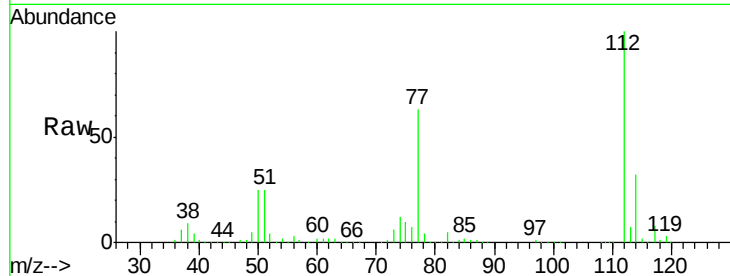
#65
Chlorobenzene
Concen: 48.813 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 411391
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6

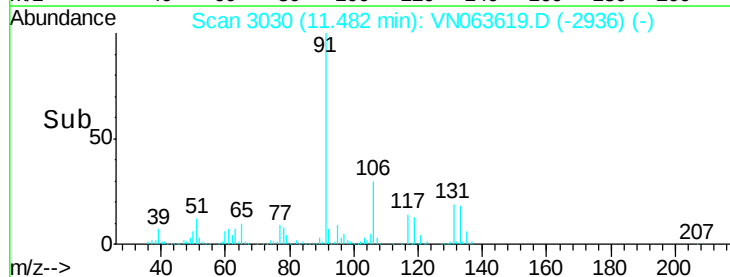
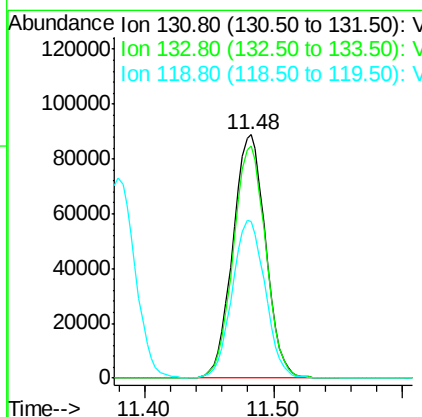
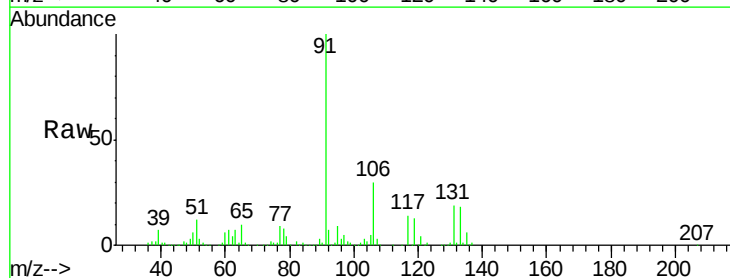
Manual Integrations
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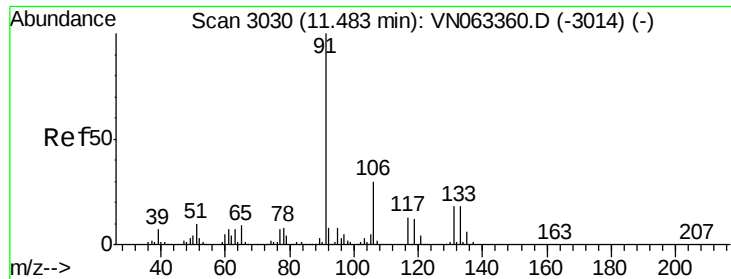
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.770 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion:131 Resp: 156847
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 65.4 33.6 100.8





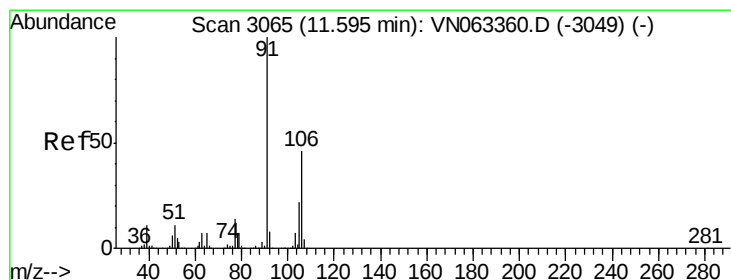
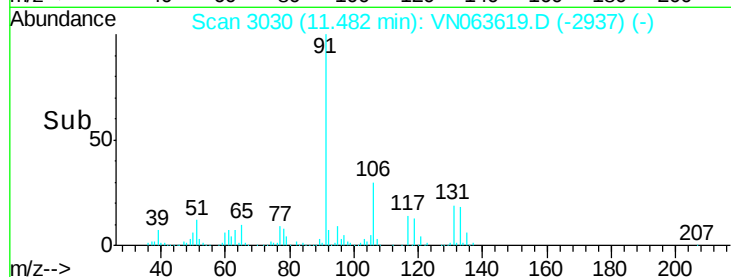
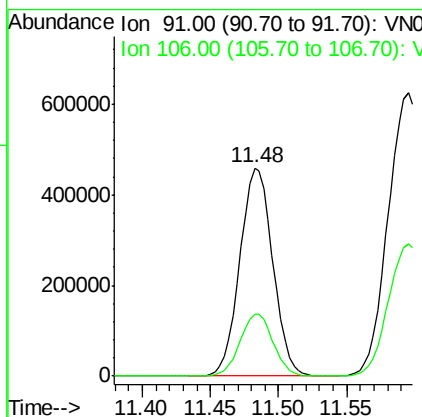
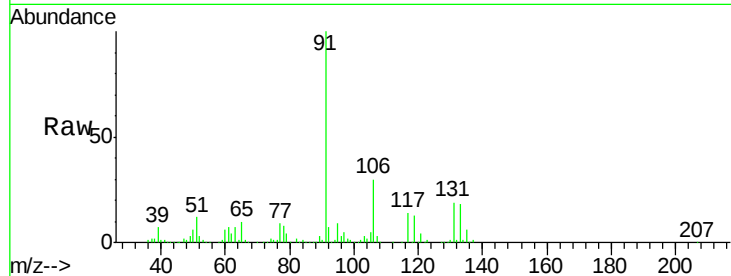
#67
Ethyl Benzene
Concen: 48.496 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 769696
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6

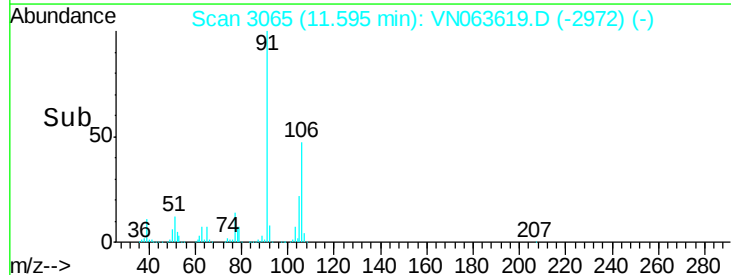
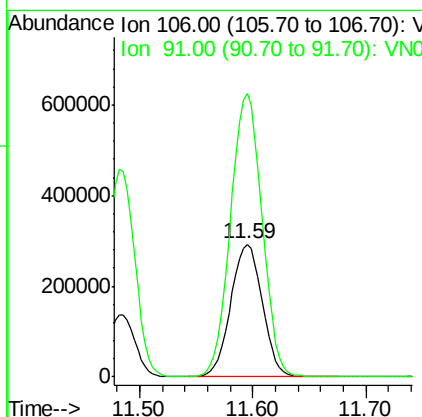
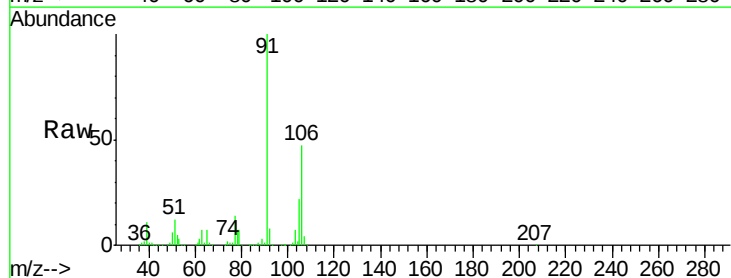
Manual Integrations
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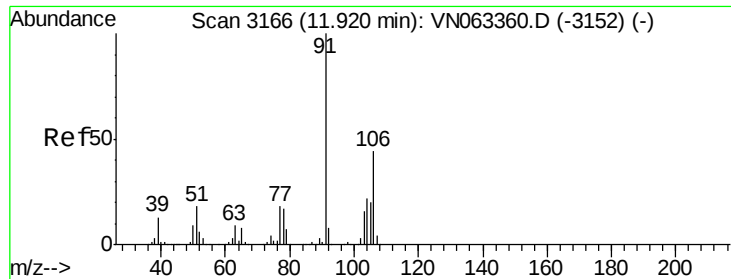
MMDadoda
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#68
m/p-Xylenes
Concen: 98.975 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion: 106 Resp: 566375
Ion Ratio Lower Upper
106 100
91 213.1 171.2 256.8





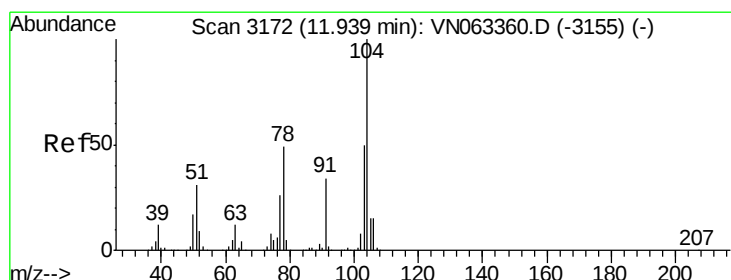
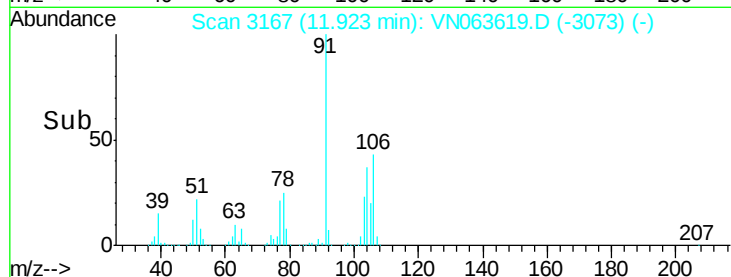
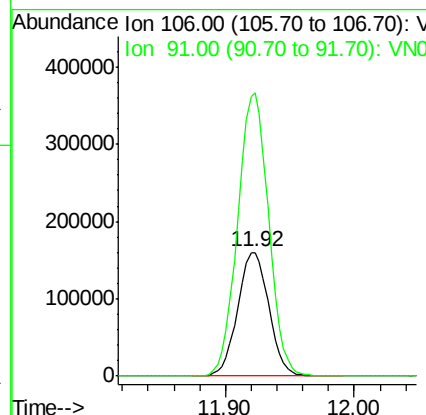
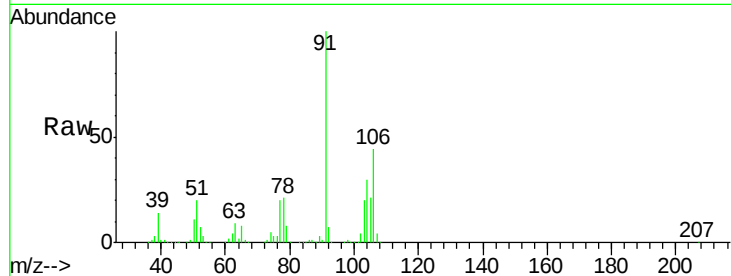
#69
o-Xylene
Concen: 49.232 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		268374		
91	228.1	113.6	340.8		

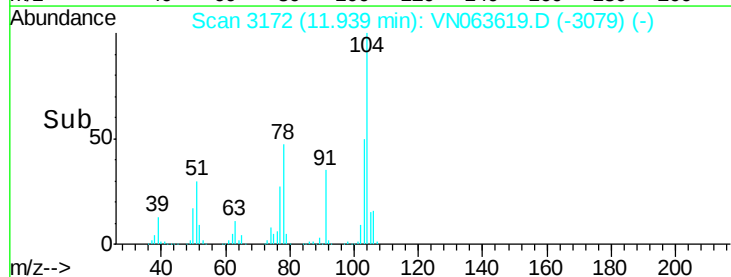
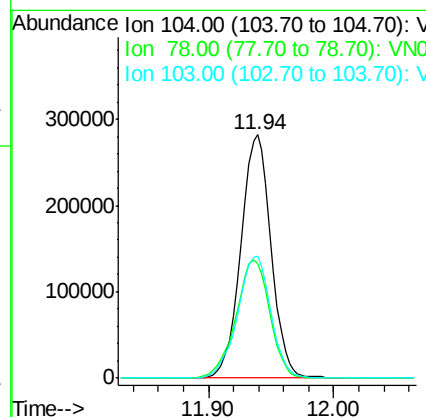
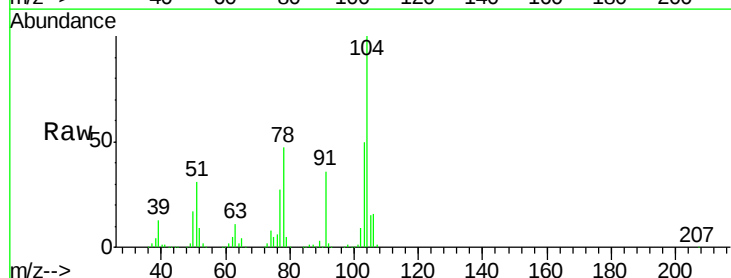
Manual Integrations
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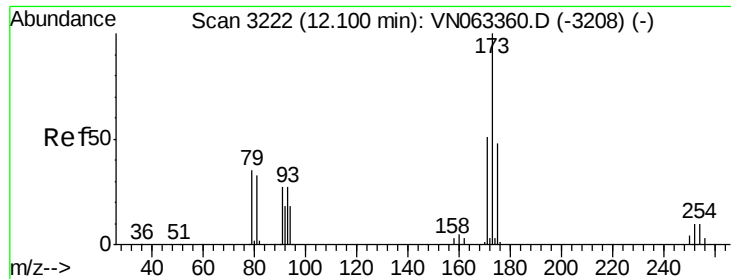
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#70
Styrene
Concen: 51.709 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		472705		
78	54.6	44.4	66.6		
103	55.1	43.7	65.5		





#71

Bromoform

Concen: 50.949 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

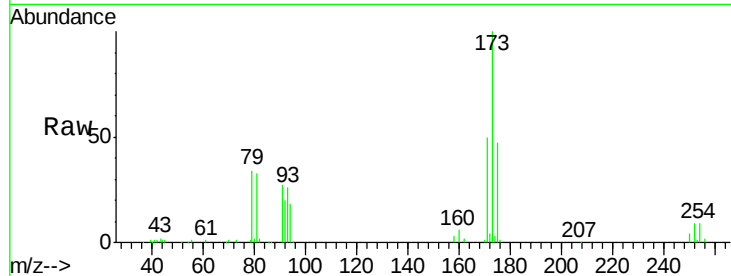
ClientSampleId :

VSTDCCC050

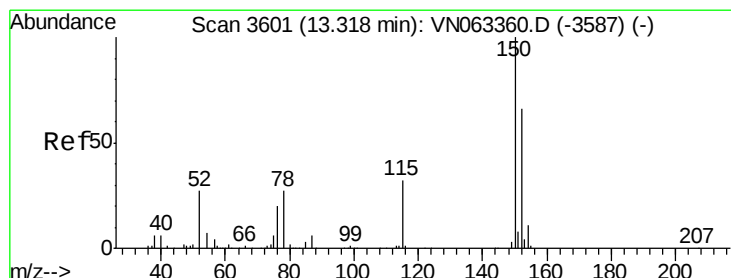
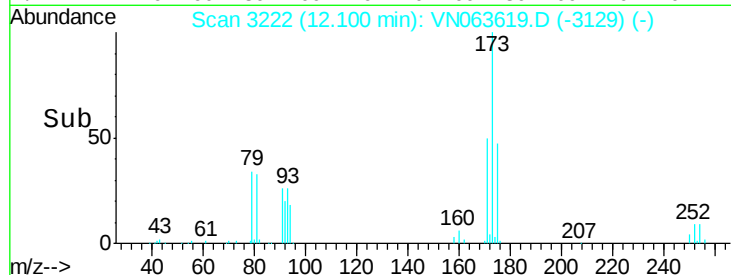
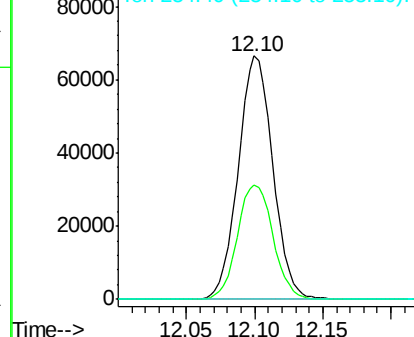
Tot Ion:173	Resp:	117259
Ion Ratio	Lower	Upper
173 100		
175 48.2	24.0	72.0
254 0.0	0.0	0.0

Manual Integrations
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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

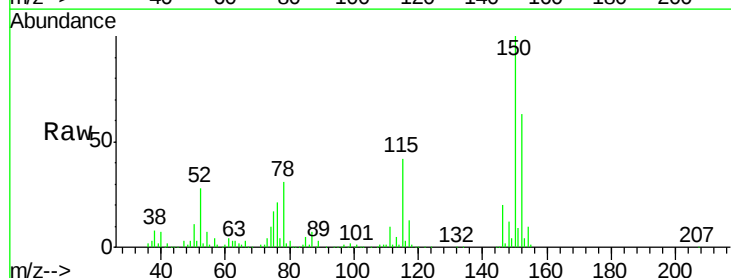
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

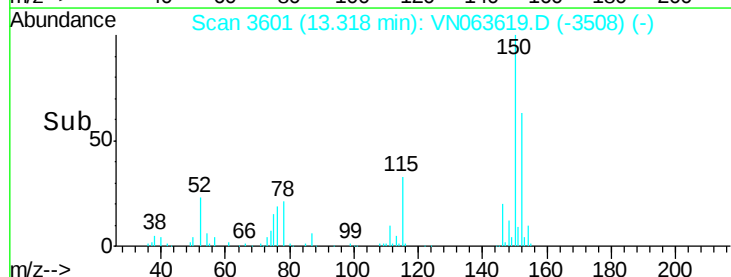
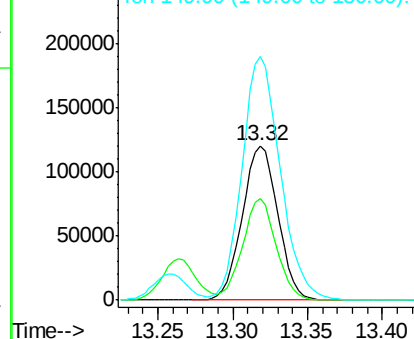
Lab File: VN063619.D

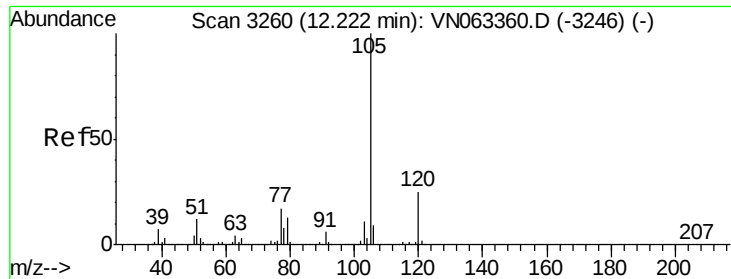
Acq: 24 Sep 2020 11:13

Tgt Ion:152	Resp:	198957
Ion Ratio	Lower	Upper
152 100		
115 61.6	32.2	96.6
150 169.5	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: 46.127 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 735410

Ion Ratio Lower Upper

105 100

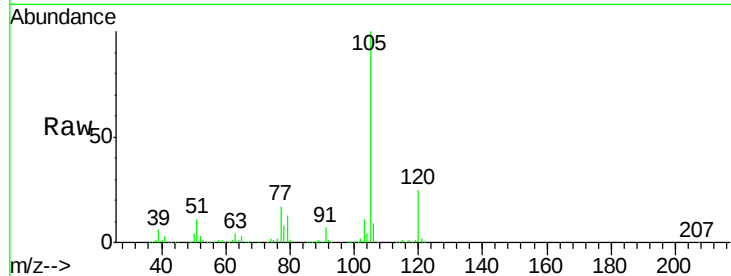
120 25.0 12.7 38.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

400000

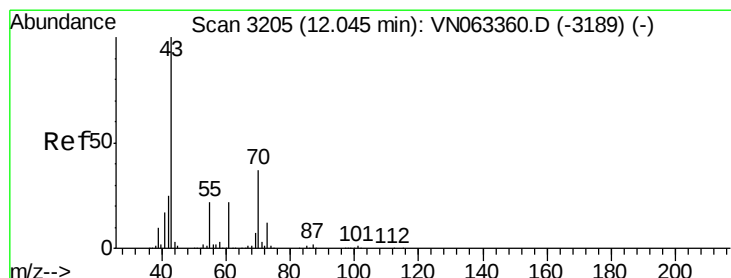
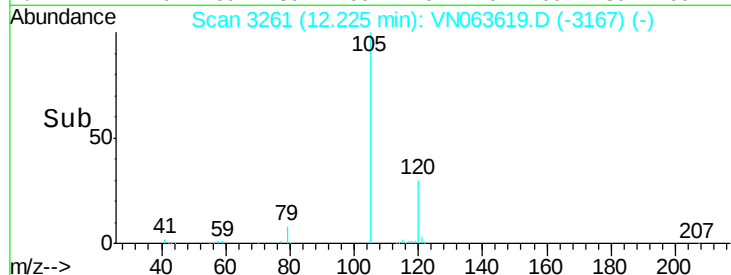
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 42.585 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion: 43 Resp: 321394

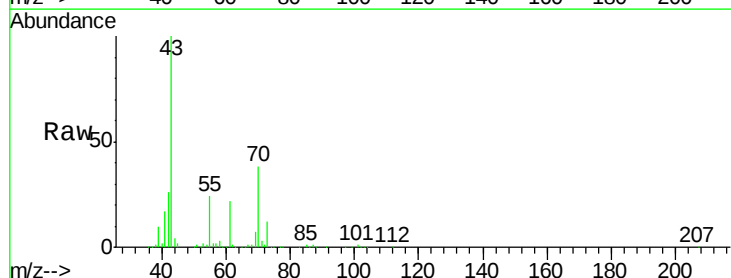
Ion Ratio Lower Upper

43 100

70 38.0 29.6 44.4

55 23.5 17.7 26.5

61 20.9 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

300000

250000

200000

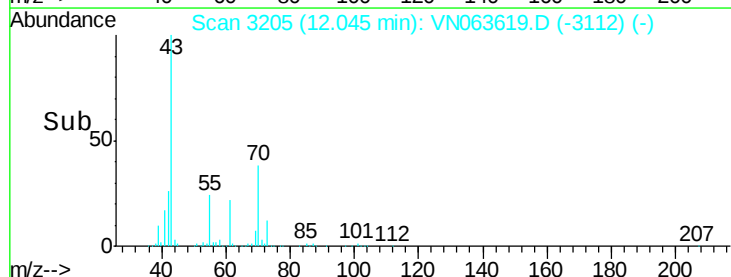
150000

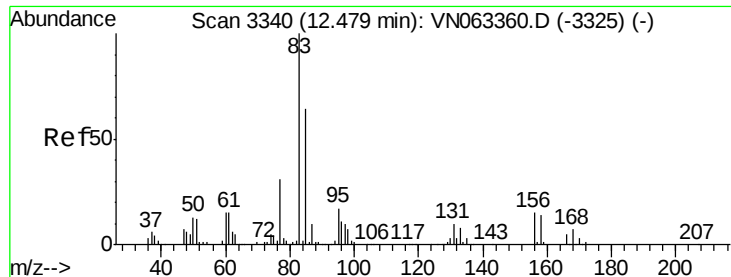
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.522 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

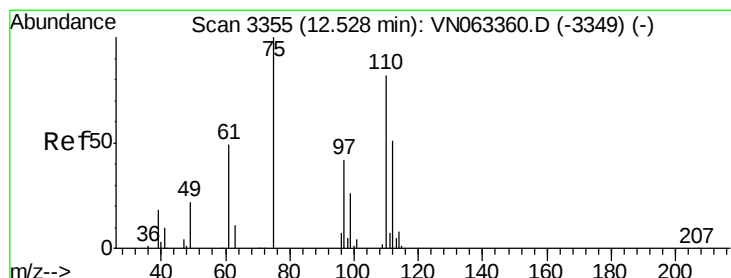
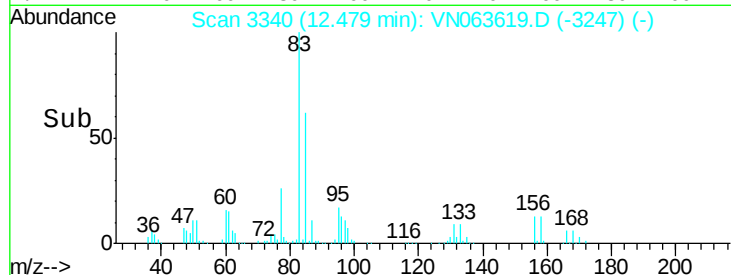
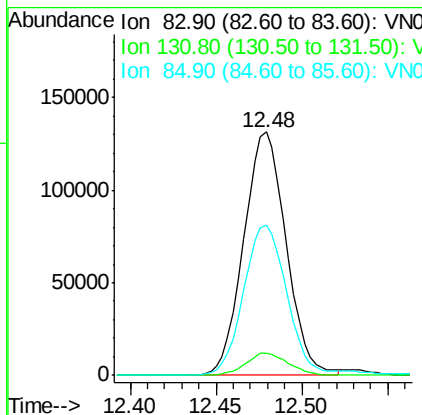
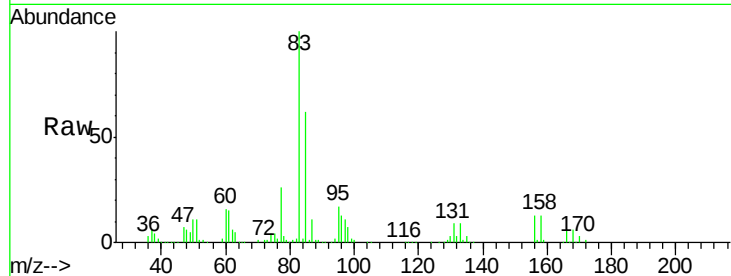
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	224721
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.9	14.7
85	63.9	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.497 ug/l m

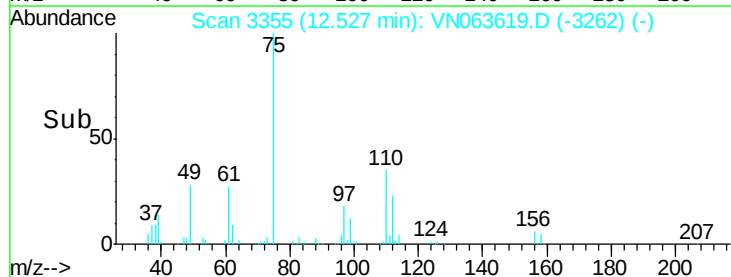
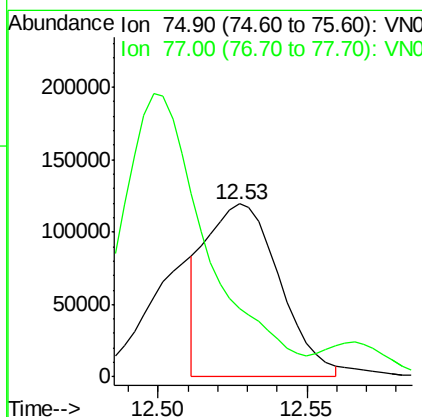
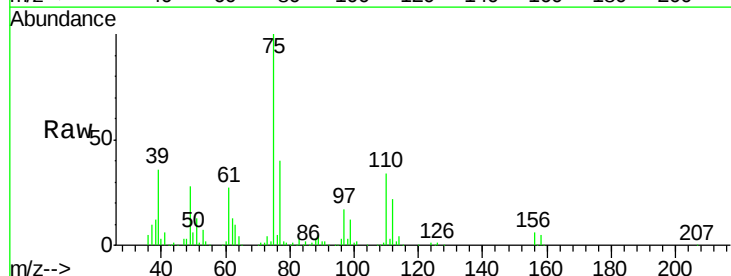
RT: 12.53 min Scan# 3355

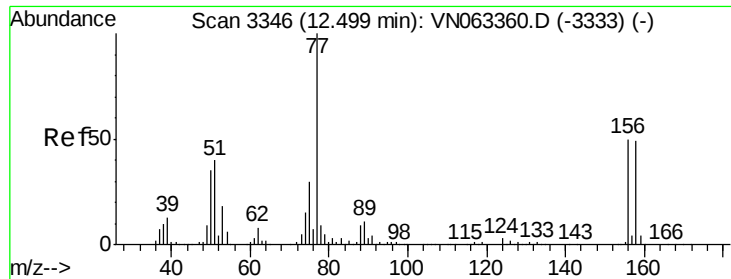
Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	75	Resp:	204352
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.405 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

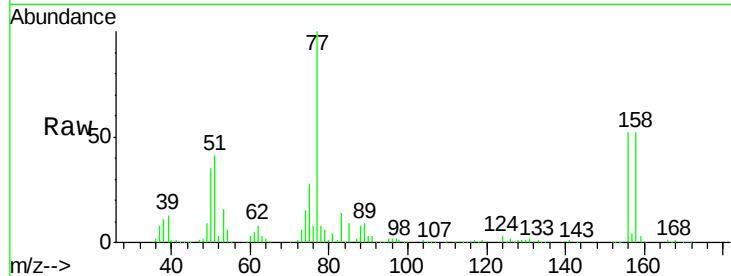
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	173597
Ion Ratio	Lower	Upper	
156	100		
77	227.7	120.2	360.6
158	98.6	48.9	146.6

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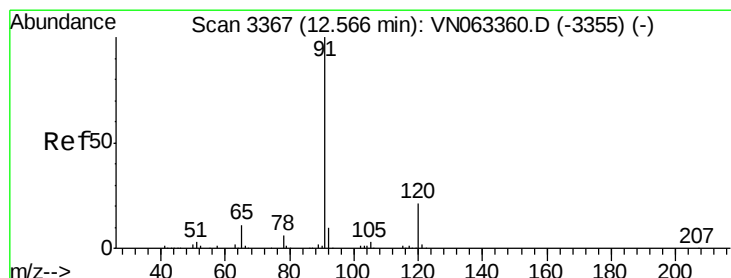
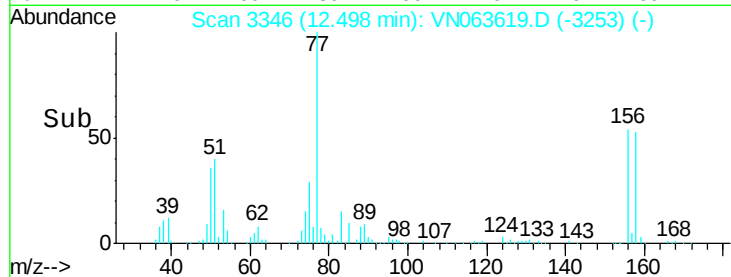
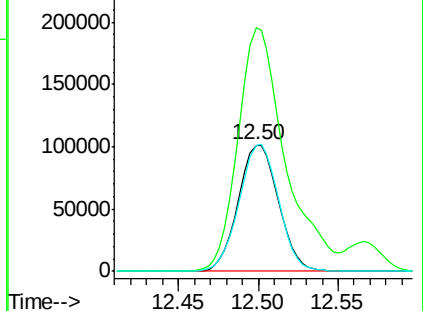
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.345 ug/l

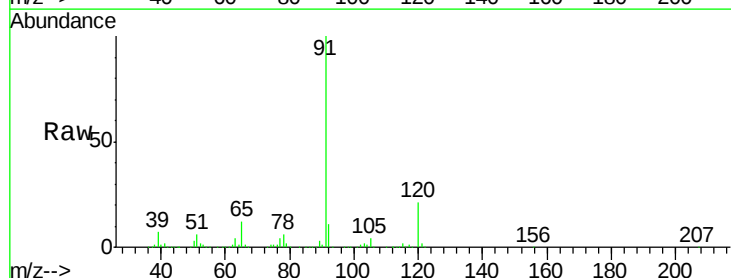
RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063619.D

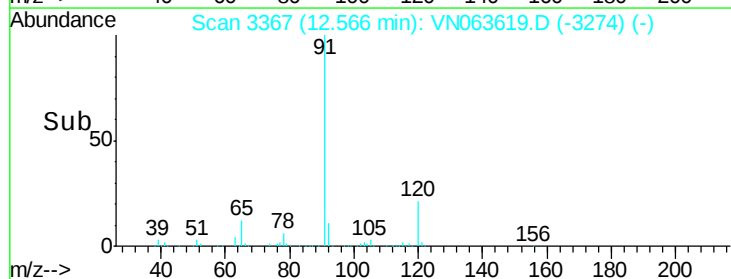
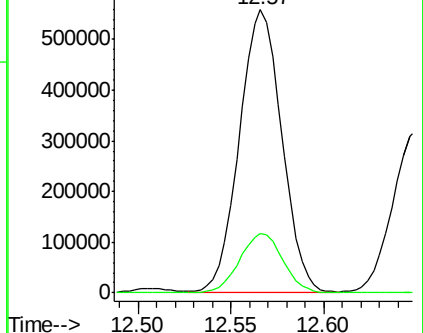
Acq: 24 Sep 2020 11:13

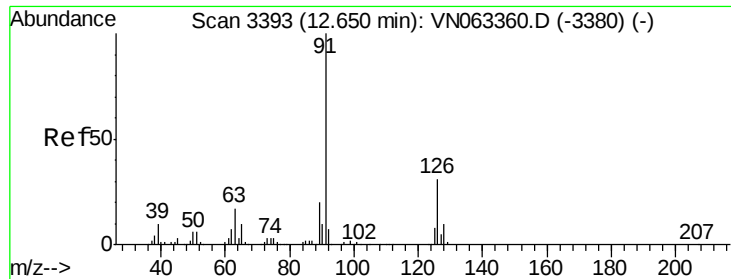
Tgt Ion:	91	Resp:	879174
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





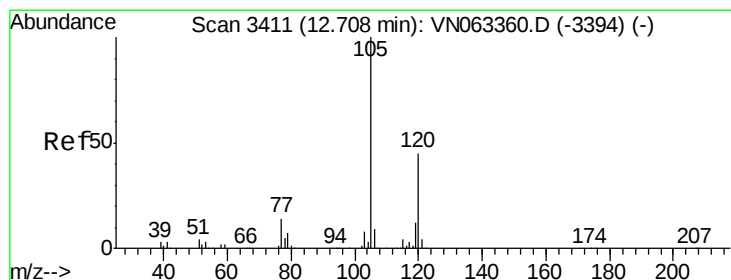
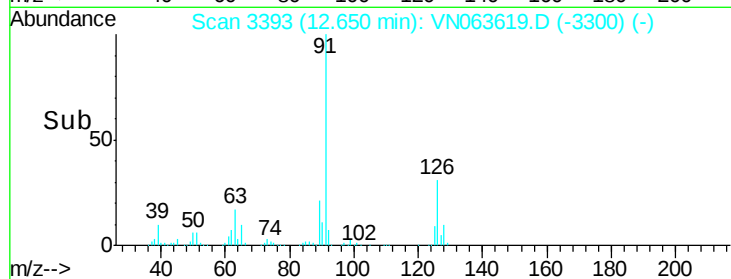
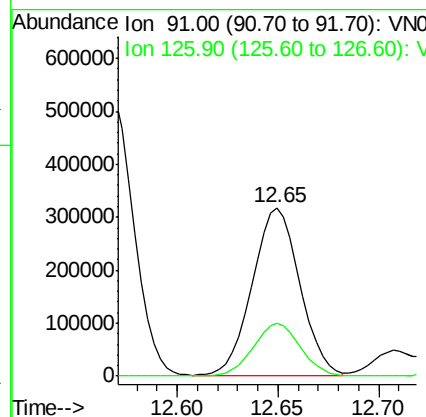
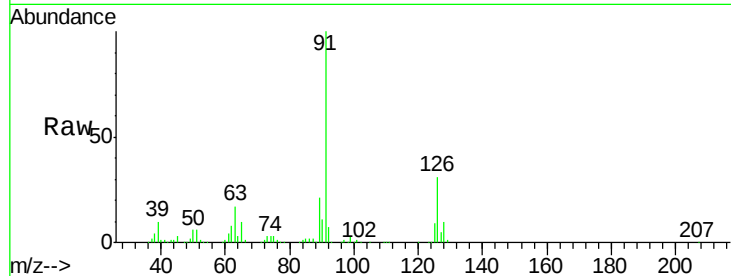
#79
 2-Chlorotoluene
 Concen: 46.636 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		519124		
126	31.3	15.8	47.3		

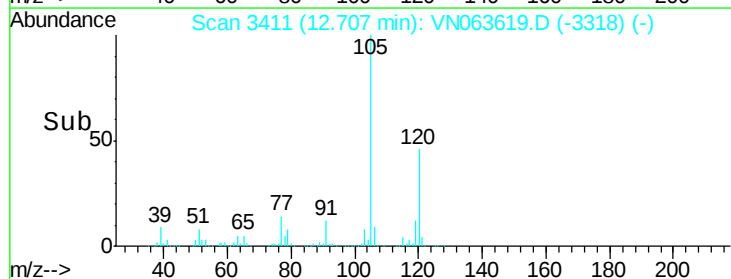
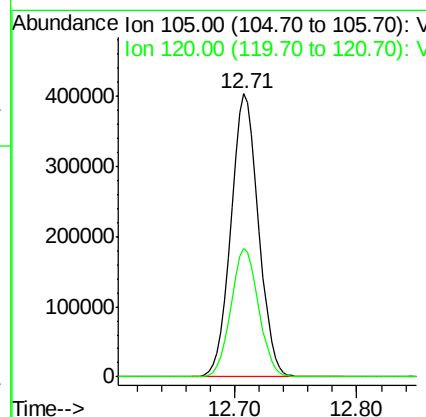
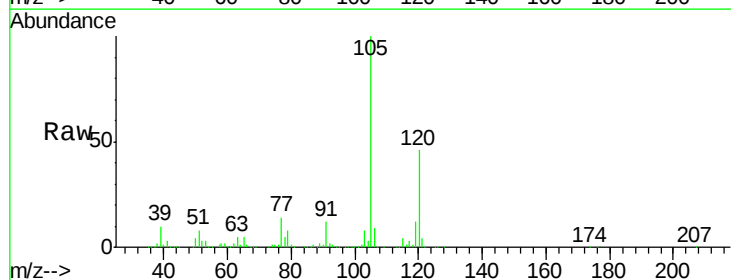
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.794 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		635401		
120	45.9	22.9	68.8		





#81

trans-1,4-Dichloro-2-butene

Concen: 42.281 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

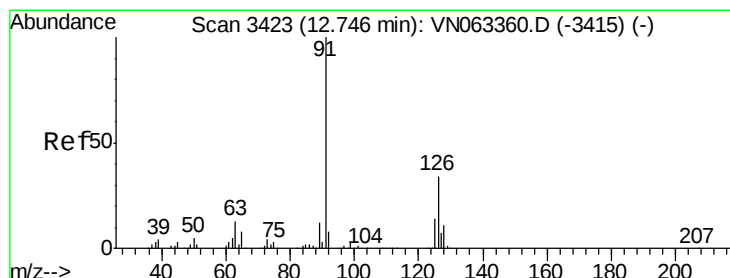
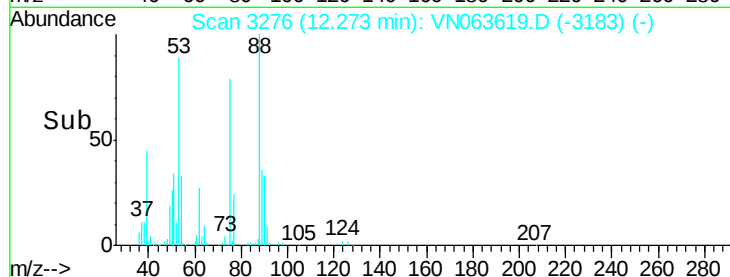
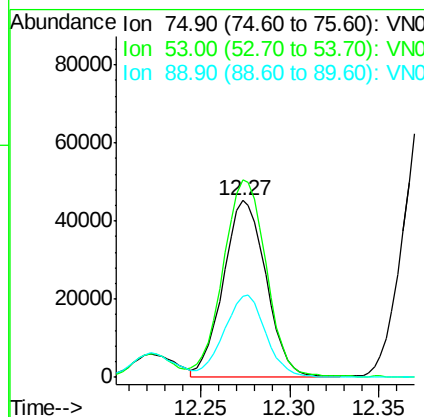
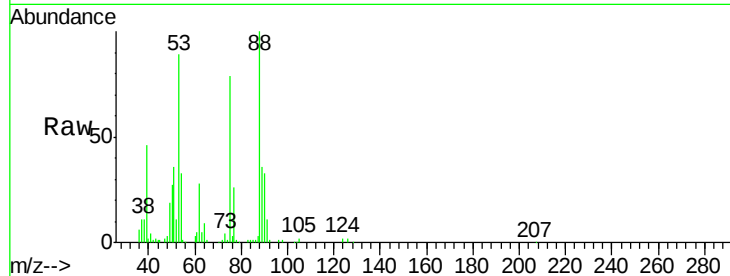
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	75944
Ion	Ratio	Lower	Upper
75	100		
53	112.2	85.7	128.5
89	45.6	38.0	57.0

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#82

4-Chlorotoluene

Concen: 47.143 ug/l

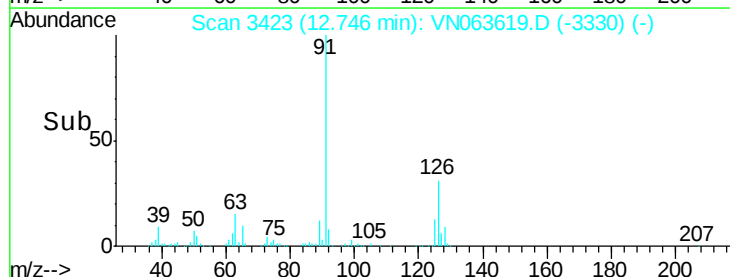
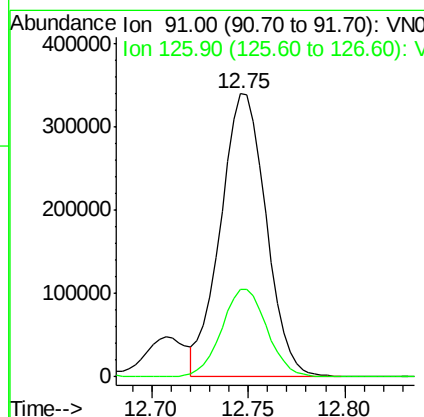
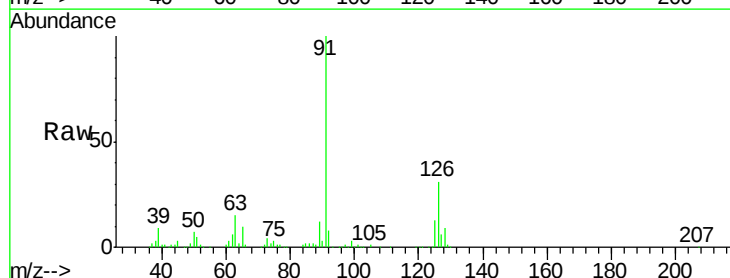
RT: 12.75 min Scan# 3423

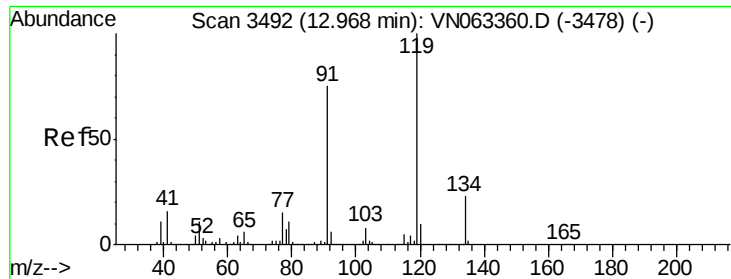
Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	91	Resp:	554460
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5





#83

tert-Butylbenzene

Concen: 46.265 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

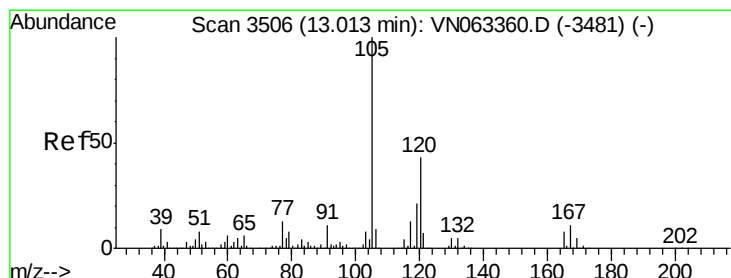
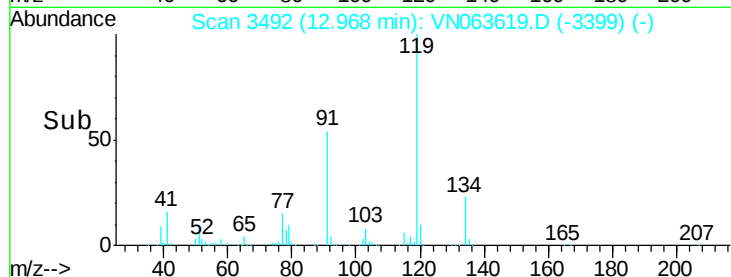
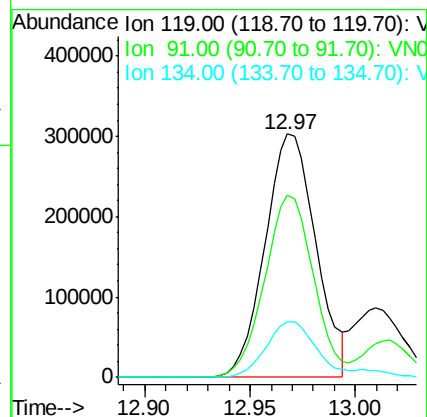
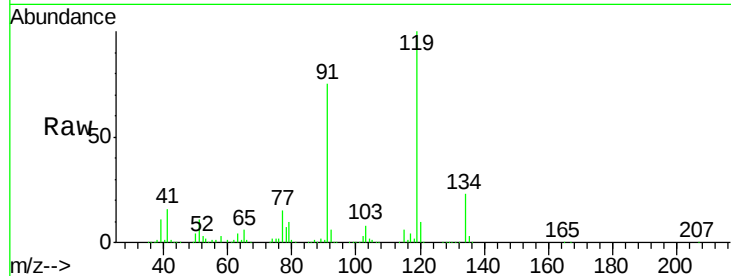
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	507647
Ion Ratio	Lower	Upper	
119	100		
91	72.1	36.3	108.9
134	22.6	12.3	36.8

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#84

1,2,4-Trimethylbenzene

Concen: 47.521 ug/l

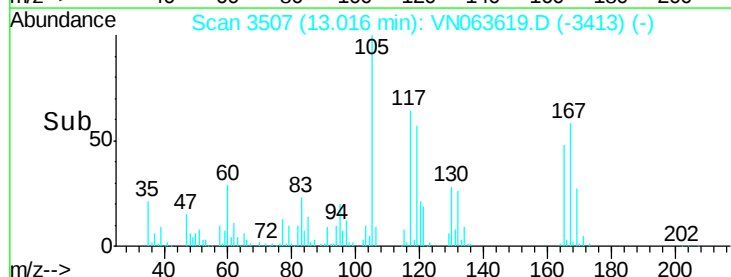
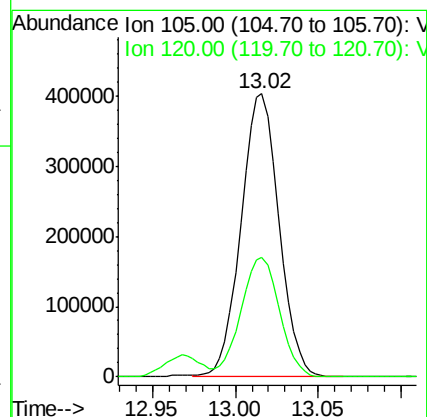
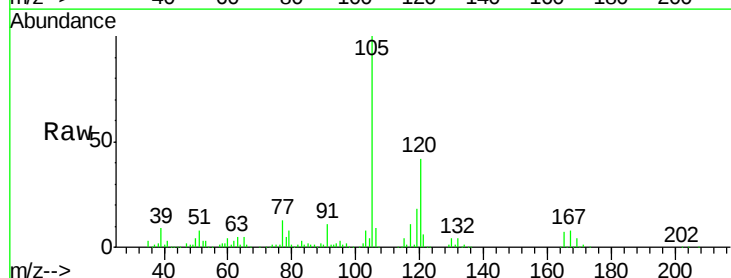
RT: 13.02 min Scan# 3507

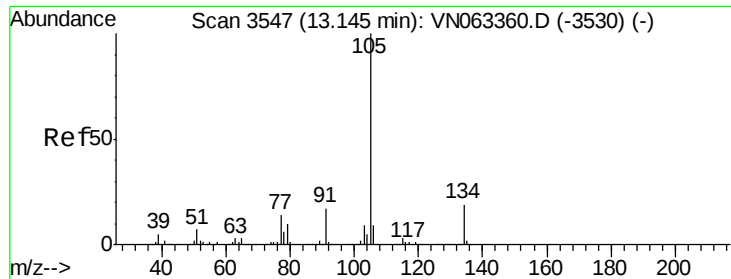
Delta R.T. 0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	105	Resp:	638143
Ion Ratio	Lower	Upper	
105	100		
120	42.9	21.3	63.9





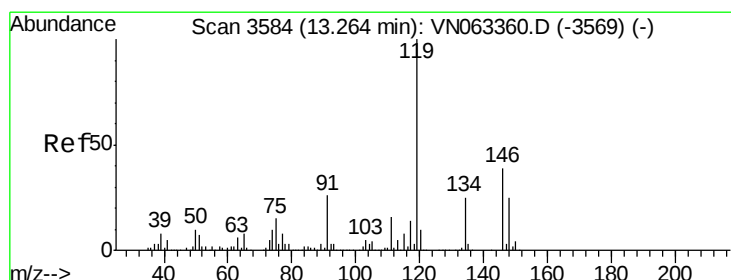
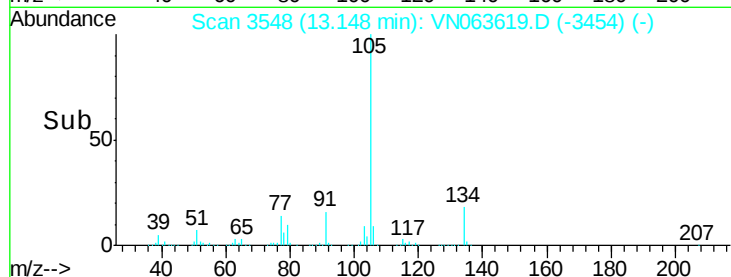
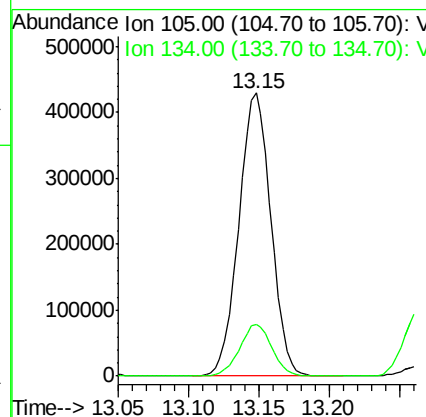
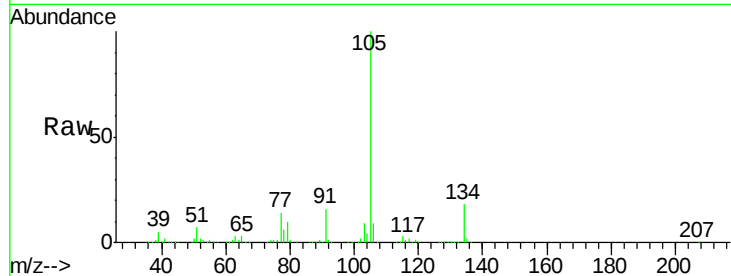
#85
 sec-Butylbenzene
 Concen: 46.440 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.5	9.3	27.7

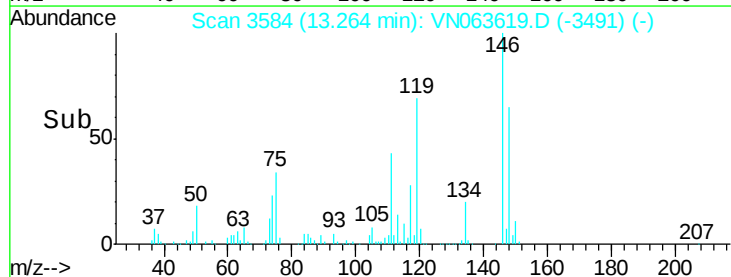
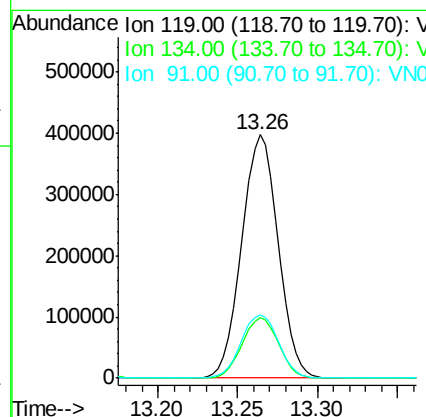
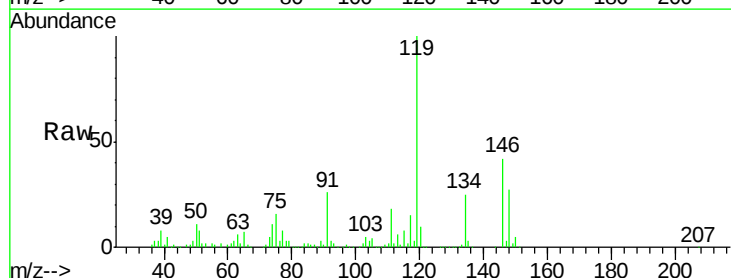
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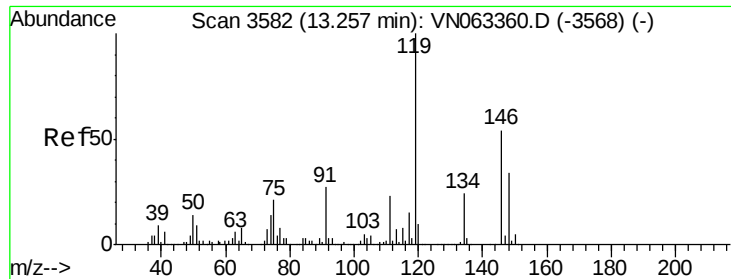
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#86
 p-Isopropyltoluene
 Concen: 47.379 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.5	37.5
91	26.9	13.4	40.1





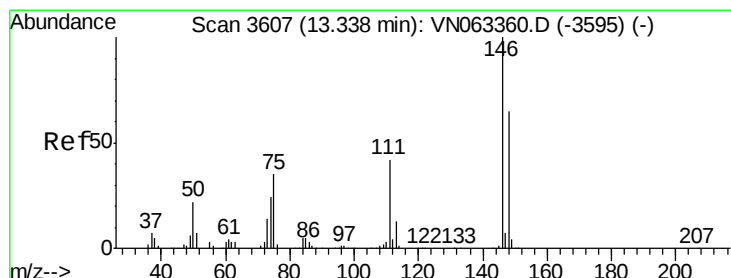
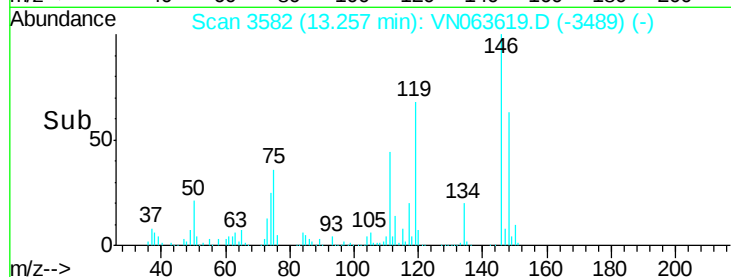
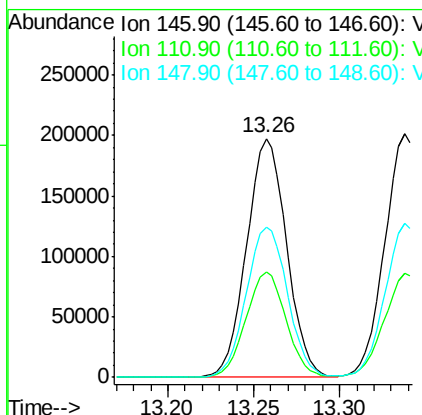
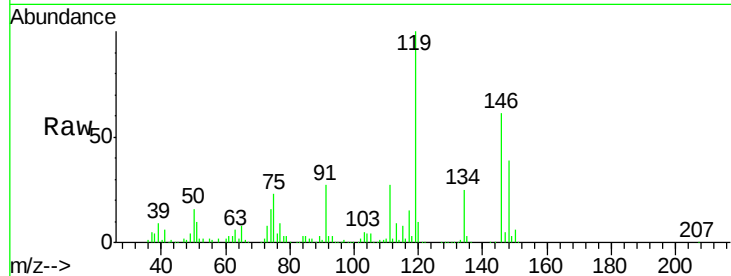
#87
 1,3-Dichlorobenzene
 Concen: 48.003 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	319085		
111	44.2	21.4	64.3	
148	64.9	31.9	95.7	

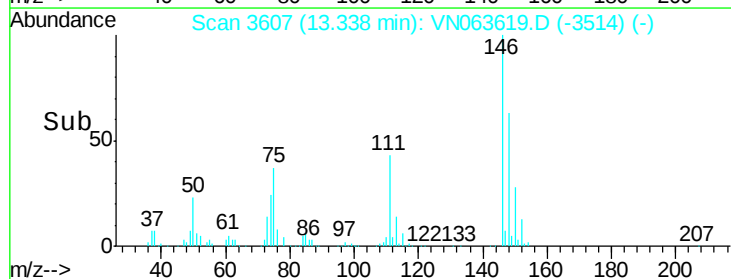
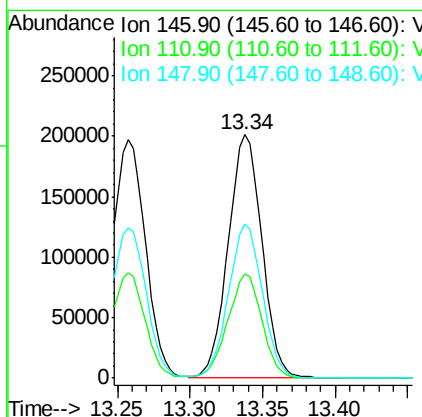
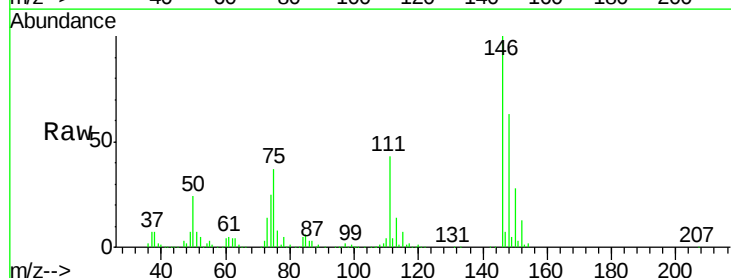
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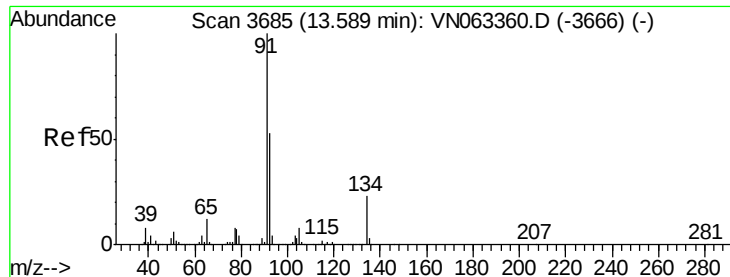
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#88
 1,4-Dichlorobenzene
 Concen: 48.029 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063619.D
 Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	324585		
111	43.1	21.2	63.6	
148	63.7	31.9	95.9	





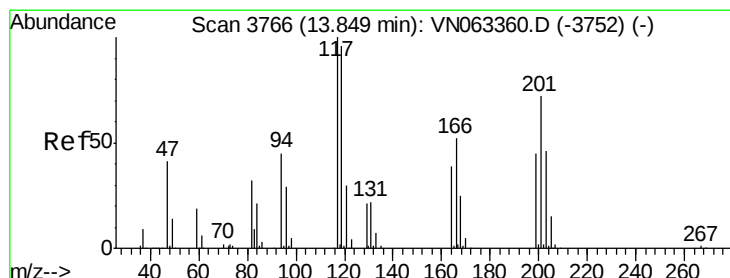
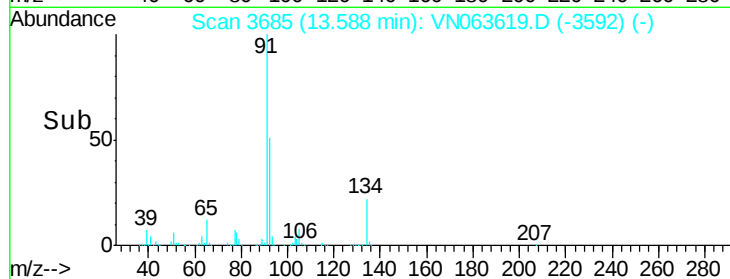
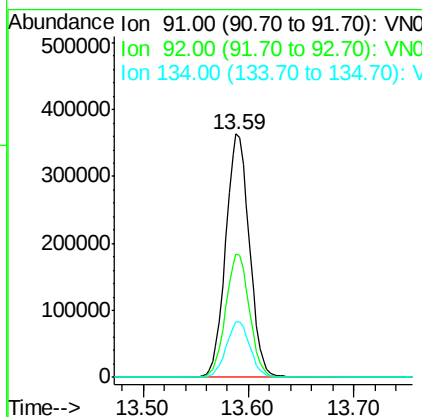
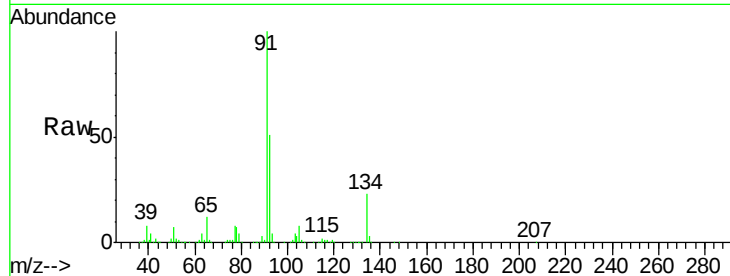
#89
n-Butylbenzene
Concen: 47.341 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	91	Resp:	565291
Ion Ratio	Lower	Upper	
91	100		
92	50.7	26.0	78.0
134	22.8	11.7	35.0

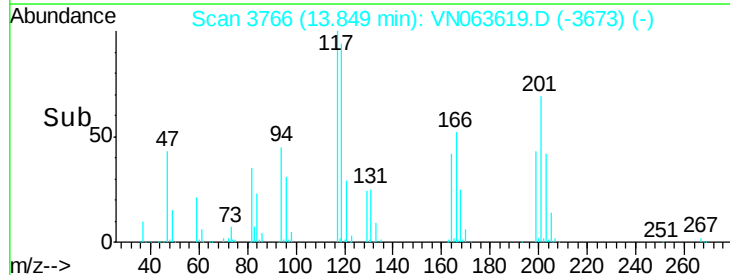
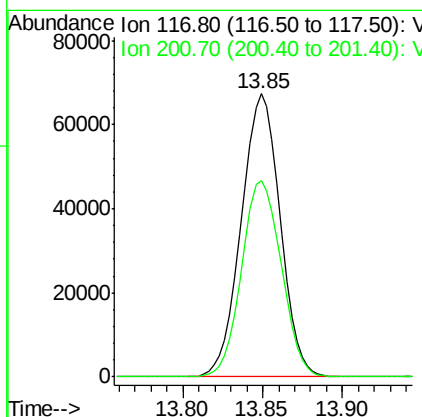
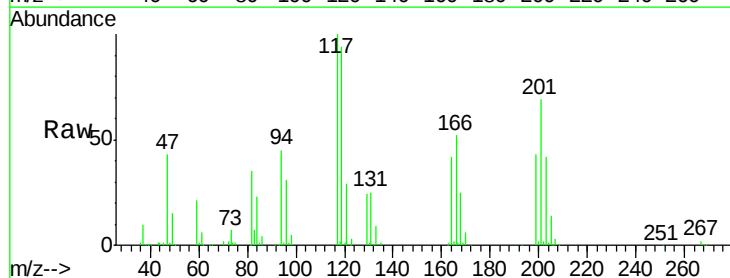
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#90
Hexachloroethane
Concen: 45.235 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion:	117	Resp:	111585
Ion Ratio	Lower	Upper	
117	100		
201	70.7	35.5	106.7





#91

1,2-Dichlorobenzene

Concen: 48.468 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Instrument :

MSVOA_N

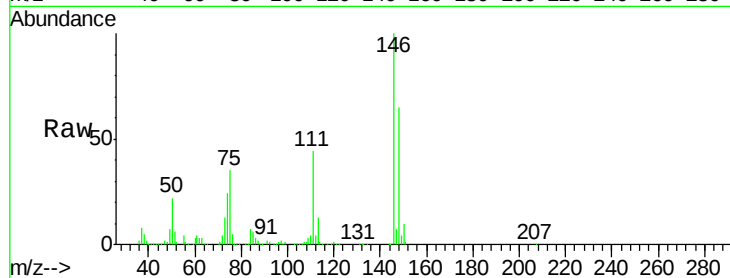
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	316302
Ion Ratio	Lower	Upper	
146	100		
111	44.7	22.4	67.2
148	64.7	32.0	96.0

Manual Integrations
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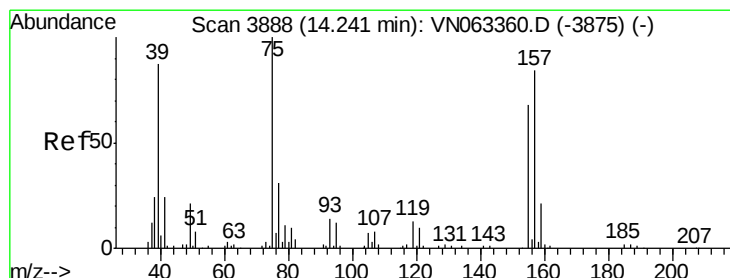
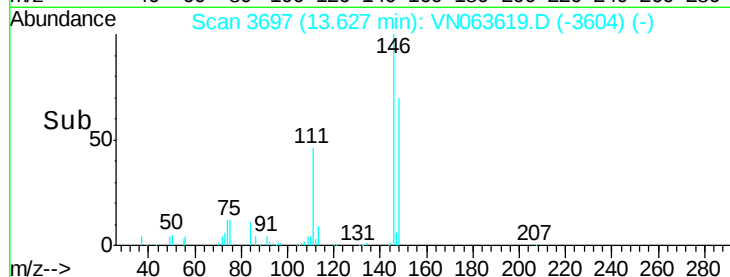
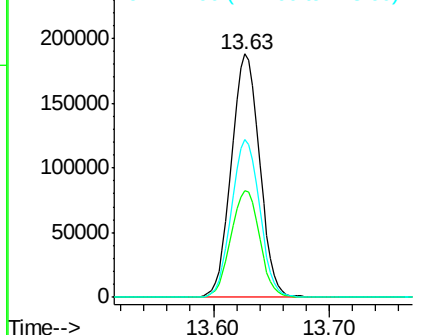


Abundance

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: 41.420 ug/l

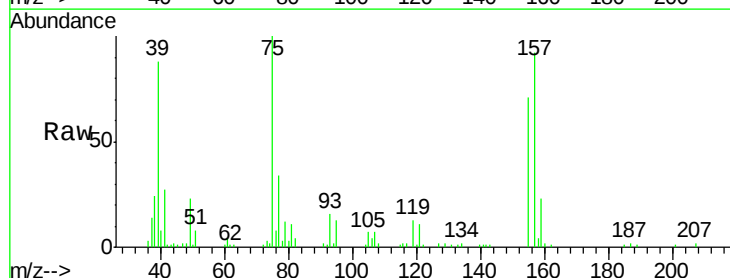
RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063619.D

Acq: 24 Sep 2020 11:13

Tgt Ion:	75	Resp:	48690
Ion Ratio	Lower	Upper	
75	100		
155	68.7	34.6	103.9
157	89.8	43.7	131.1

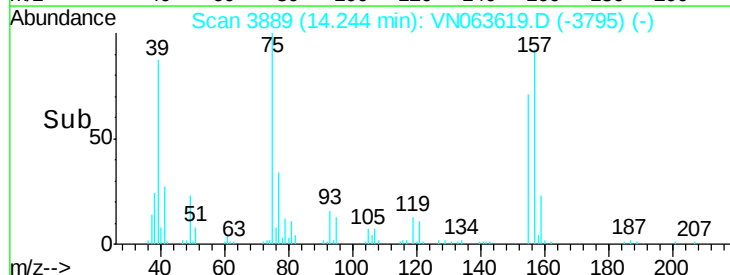
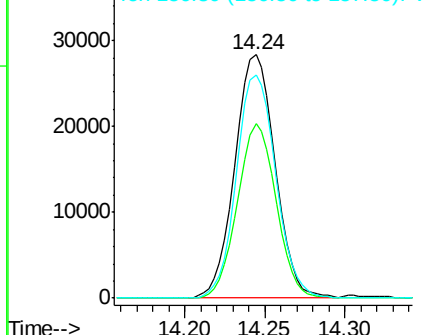


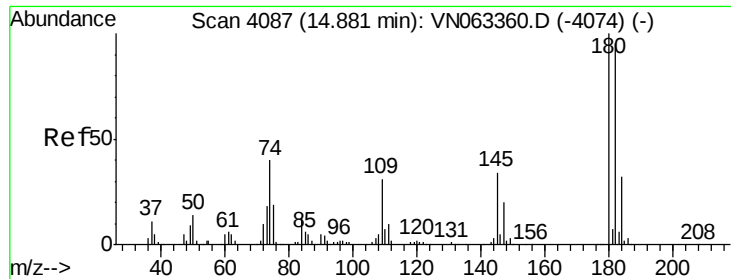
Abundance

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





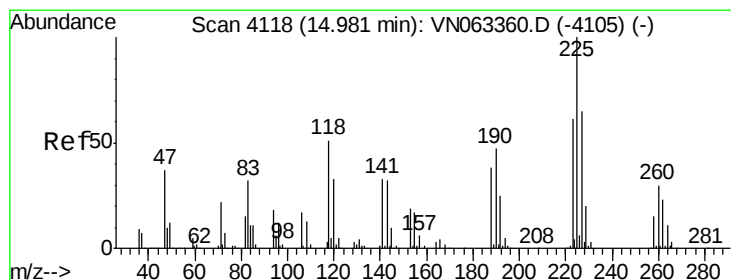
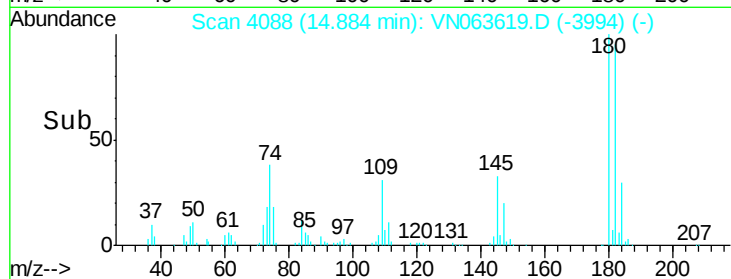
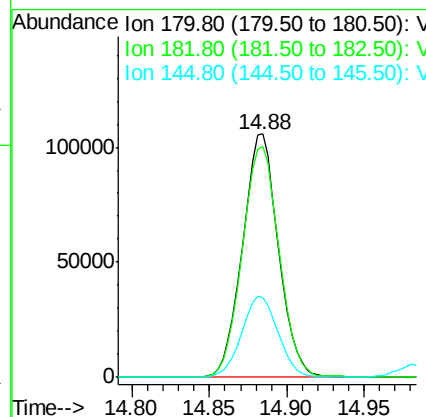
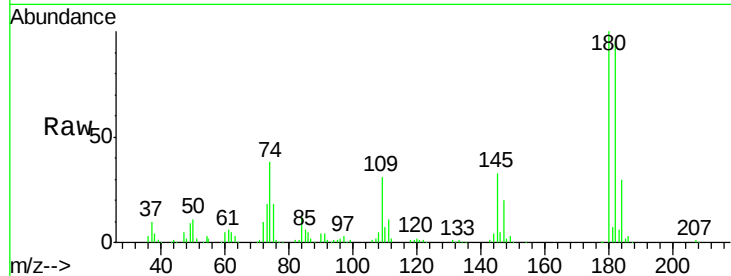
#93
1,2,4-Trichlorobenzene
Concen: 44.265 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170302		
182	98.0	47.3	142.0	
145	33.9	16.6	49.7	

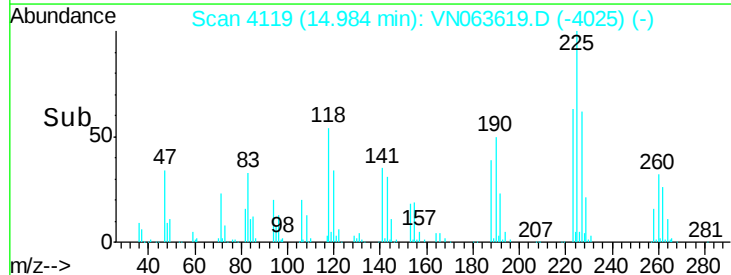
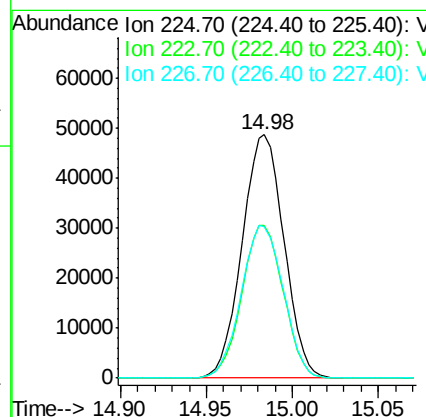
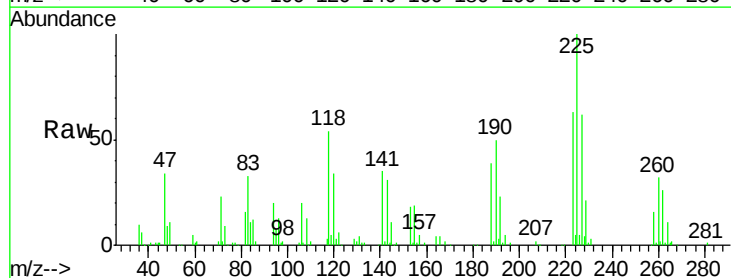
Manual Integrations
APPROVED

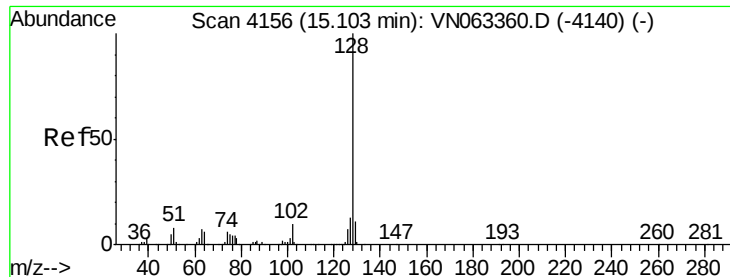
MMDadoda
9/28/2020 5:15:59 PM



#94
Hexachlorobutadiene
Concen: 51.815 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82529		
223	62.0	30.6	91.6	
227	63.1	31.2	93.6	





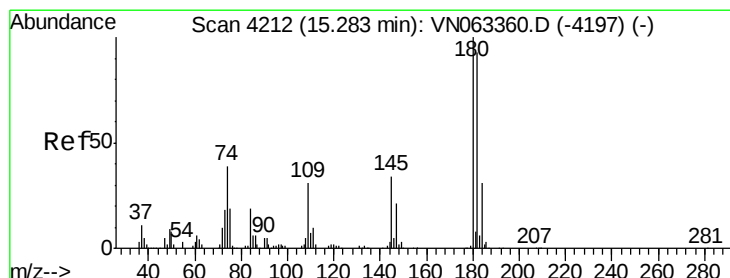
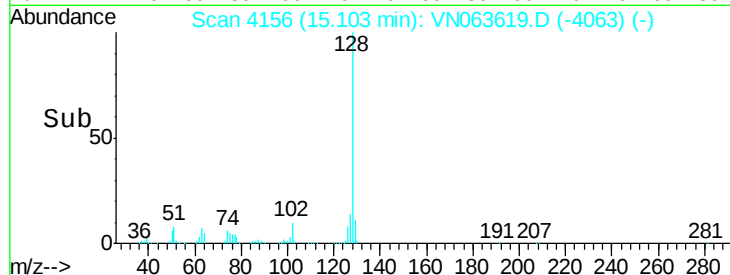
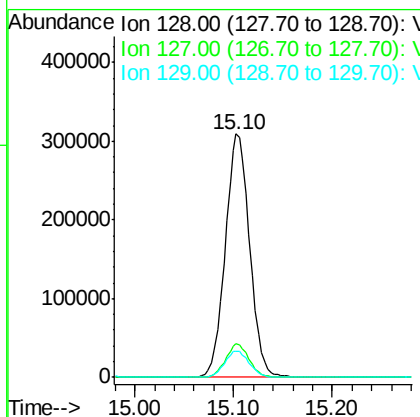
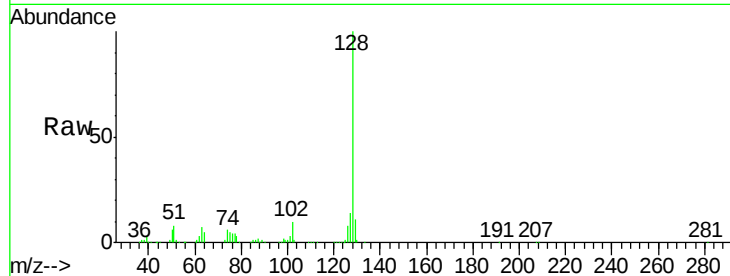
#95
Naphthalene
Concen: 42.096 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		535078		
127	13.2		10.6	15.8	
129	11.0		8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:15:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.180 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063619.D
Acq: 24 Sep 2020 11:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		164233		
182	96.3		46.7	140.1	
145	34.4		16.8	50.3	

