

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063299.D
 Acq On : 10 Sep 2020 17:23
 Operator : JC/MD
 Sample : VN0910MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:36 PM

Quant Time: Sep 11 06:21:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	473131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	846394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	765412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	342062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	337759	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
35) Dibromofluoromethane	7.55	113	249883	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
50) Toluene-d8	10.06	98	969412	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.38	95	353454	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	82590	18.176	ug/l	97
3) Chloromethane	2.04	50	121193	18.849	ug/l	97
4) Vinyl Chloride	2.17	62	121993	18.976	ug/l	98
5) Bromomethane	2.54	94	85085	18.970	ug/l	100
6) Chloroethane	2.68	64	79175	18.827	ug/l	94
7) Trichlorofluoromethane	2.99	101	177207	17.825	ug/l	97
8) Diethyl Ether	3.38	74	64704	18.253	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95847	18.454	ug/l	99
10) Methyl Iodide	3.91	142	120626	17.916	ug/l	100
11) Tert butyl alcohol	4.73	59	91235	92.831	ug/l	99
12) 1,1-Dichloroethene	3.70	96	95813	18.480	ug/l	99
13) Acrolein	3.57	56	52014	116.937	ug/l	96
14) Allyl chloride	4.28	41	177049	16.635	ug/l	96
15) Acrylonitrile	4.93	53	252935	94.127	ug/l	99
16) Acetone	3.78	43	227839	88.763	ug/l	97
17) Carbon Disulfide	4.02	76	273347	18.178	ug/l	98
18) Methyl Acetate	4.28	43	118891	18.426	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	340160	18.361	ug/l	99
20) Methylene Chloride	4.51	84	122186	20.148	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	104887	18.077	ug/l	90
22) Diisopropyl ether	5.90	45	388965	18.570	ug/l	90
23) Vinyl Acetate	5.85	43	1601932	97.164	ug/l	99
24) 1,1-Dichloroethane	5.80	63	211024	18.604	ug/l	100
25) 2-Butanone	6.78	43	357730	94.346	ug/l	99
26) 2,2-Dichloropropane	6.78	77	179084	18.013	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	120704	17.850	ug/l	99
28) Bromochloromethane	7.15	49	96647	17.571	ug/l	100
29) Tetrahydrofuran	7.17	42	232873	94.322	ug/l	98
30) Chloroform	7.33	83	208144	18.327	ug/l	95
31) Cyclohexane	7.61	56	195299	18.732	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	180530	18.235	ug/l	100
36) 1,1-Dichloropropene	7.75	75	156974	18.043	ug/l	99
37) Ethyl Acetate	6.88	43	157858	18.443	ug/l	99
38) Carbon Tetrachloride	7.73	117	157204	18.360	ug/l	99

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 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	171349	18.054	ug/l	97
40) Benzene	8.00	78	454282	18.282	ug/l	100
41) Methacrylonitrile	7.14	41	68239m	17.626	ug/l	
42) 1,2-Dichloroethane	8.09	62	172298	18.276	ug/l	99
43) Isopropyl Acetate	8.13	43	267791	18.475	ug/l #	92
44) Trichloroethene	8.80	130	118274	18.201	ug/l	98
45) 1,2-Dichloropropane	9.09	63	125249	18.376	ug/l	98
46) Dibromomethane	9.18	93	81901	18.530	ug/l	97
47) Bromodichloromethane	9.37	83	170211	18.480	ug/l	94
48) Methyl methacrylate	9.17	41	127585	18.447	ug/l	97
49) 1,4-Dioxane	9.17	88	35960	335.813	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	781801	97.871	ug/l	99
52) Toluene	10.13	92	282761	18.638	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	183093	18.229	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	196765	18.195	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	108840	18.308	ug/l	98
56) Ethyl methacrylate	10.40	69	169572	18.757	ug/l	98
57) 1,3-Dichloropropane	10.68	76	196529	18.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	396716	81.810	ug/l	100
59) 2-Hexanone	10.72	43	570687	96.870	ug/l	98
60) Dibromochloromethane	10.87	129	119150	18.252	ug/l	100
61) 1,2-Dibromoethane	10.98	107	113441	18.304	ug/l	99
64) Tetrachloroethene	10.60	164	114314	18.231	ug/l	98
65) Chlorobenzene	11.41	112	296399	17.987	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	107657	17.932	ug/l	99
67) Ethyl Benzene	11.49	91	553854	18.723	ug/l	97
68) m/p-Xylenes	11.59	106	402148	36.751	ug/l	99
69) o-Xylene	11.92	106	194921	18.562	ug/l	98
70) Styrene	11.94	104	322871	18.499	ug/l	99
71) Bromoform	12.10	173	76146	18.338	ug/l #	99
73) Isopropylbenzene	12.23	105	525257	19.037	ug/l	99
74) N-amyl acetate	12.05	43	220062	19.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	150091	18.995	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	133344m	17.670	ug/l	
77) Bromobenzene	12.50	156	118057	18.615	ug/l	99
78) n-propylbenzene	12.57	91	600959	19.173	ug/l	99
79) 2-Chlorotoluene	12.65	91	361184	18.741	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	432479	18.877	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	51342	18.280	ug/l	99
82) 4-Chlorotoluene	12.75	91	372195	18.424	ug/l	99
83) tert-Butylbenzene	12.97	119	364703	18.770	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	442083	19.144	ug/l	100
85) sec-Butylbenzene	13.15	105	475473	19.235	ug/l	98
86) p-Isopropyltoluene	13.26	119	424161	18.717	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	212762	18.351	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	213075	18.578	ug/l	99
89) n-Butylbenzene	13.59	91	383650	18.754	ug/l	99
90) Hexachloroethane	13.85	117	70933	19.029	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	210555	18.374	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32742	18.222	ug/l	98

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

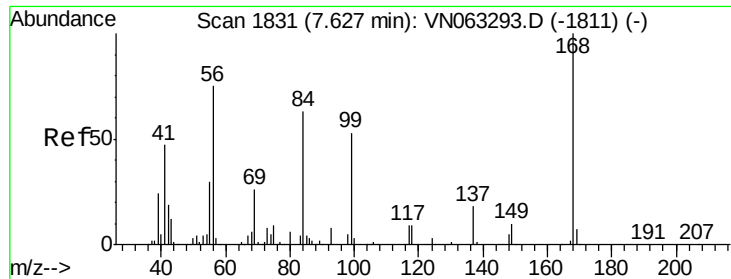
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	117489	17.516	ug/l	97
94) Hexachlorobutadiene	14.98	225	45629	18.061	ug/l	99
95) Naphthalene	15.11	128	360742	17.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	110609	17.833	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBSD01

Tot Ion:168 Resp: 473131

Ion Ratio Lower Upper

168 100

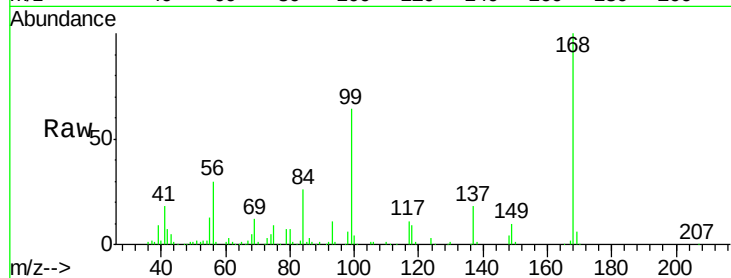
99 63.5 51.1 76.7

Manual Integrations

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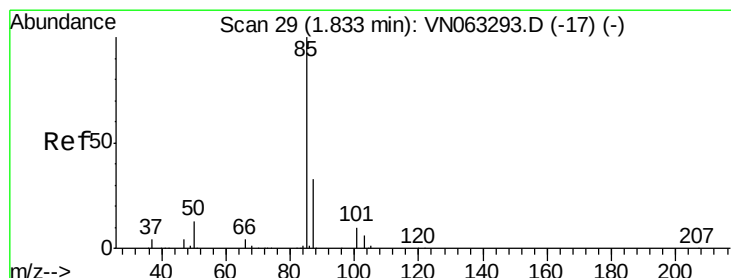
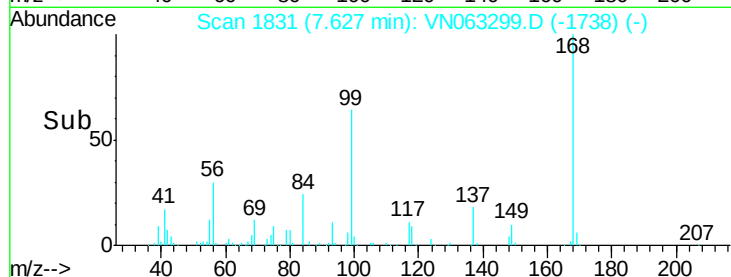
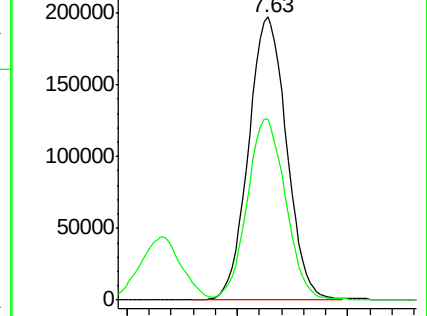
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.176 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063299.D

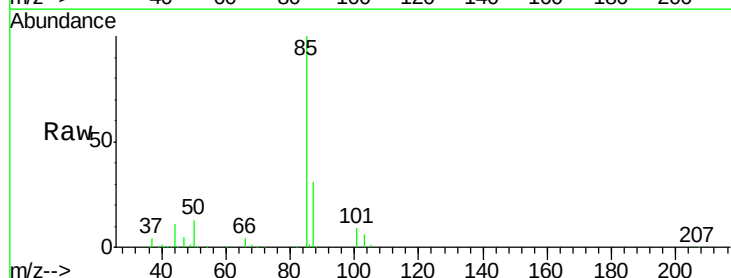
Acq: 10 Sep 2020 17:23

Tgt Ion: 85 Resp: 82590

Ion Ratio Lower Upper

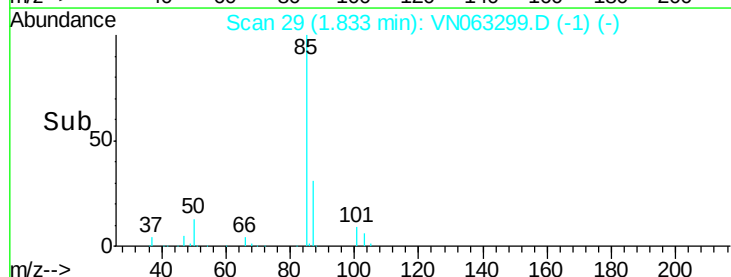
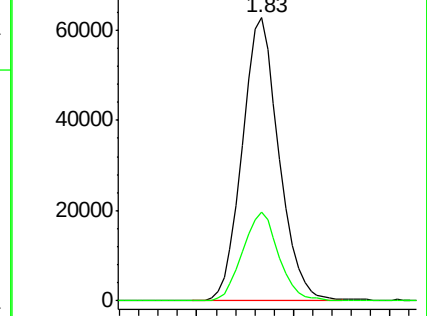
85 100

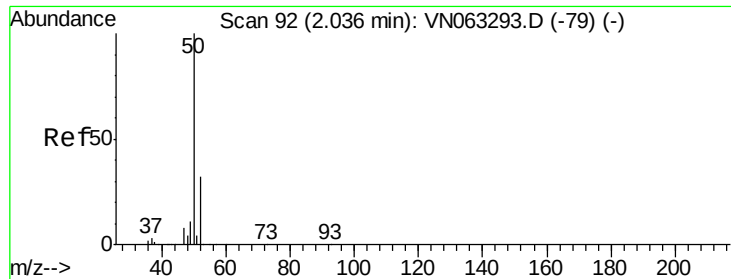
87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.849 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBSD01

Tot Ion: 50 Resp: 121193

Ion Ratio Lower Upper

50 100

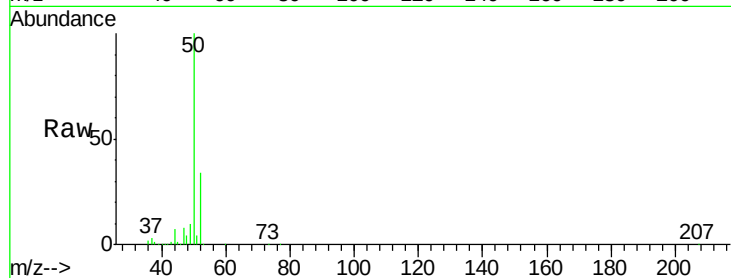
52 33.7 25.4 38.2

Manual Integrations

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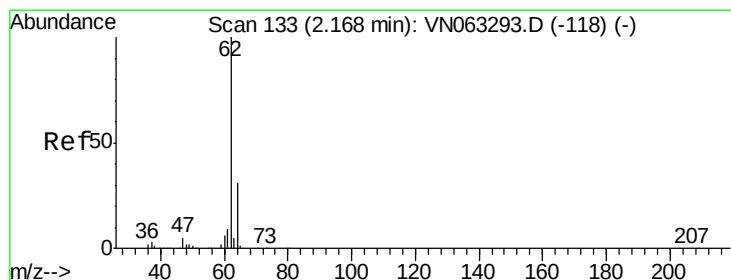
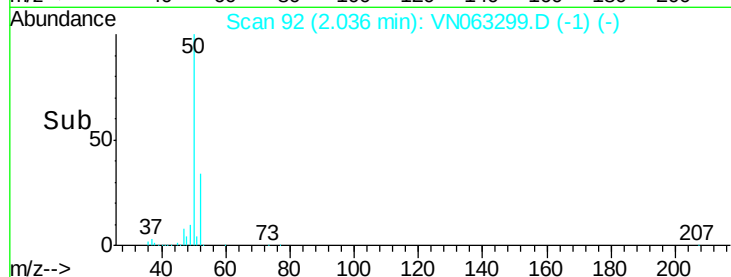
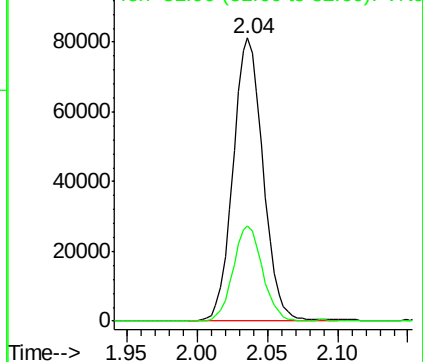
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.976 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063299.D

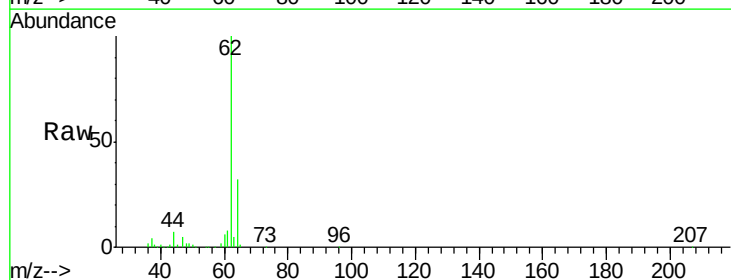
Acq: 10 Sep 2020 17:23

Tgt Ion: 62 Resp: 121993

Ion Ratio Lower Upper

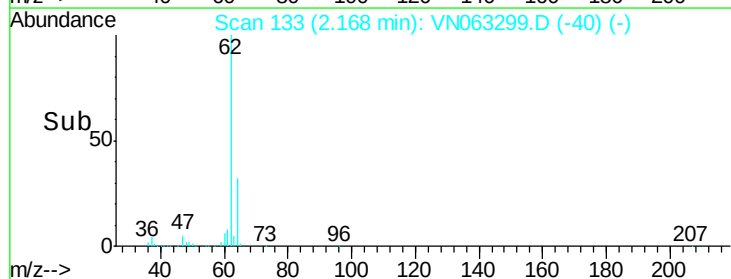
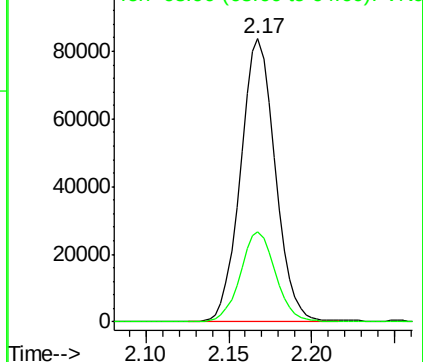
62 100

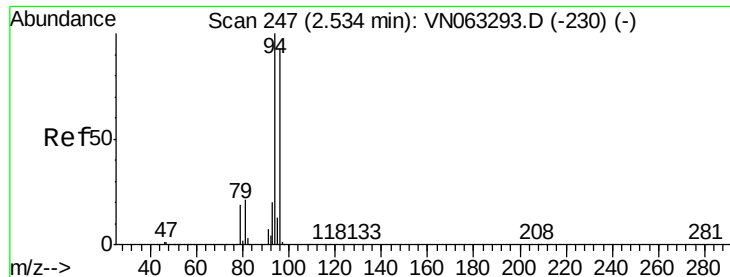
64 31.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 18.970 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBSD01

Tot Ion: 94 Resp: 85085

Ion Ratio Lower Upper

94 100

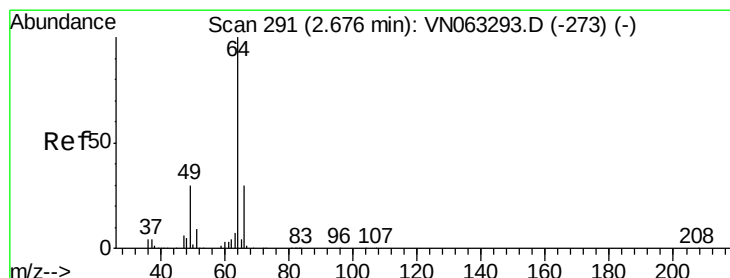
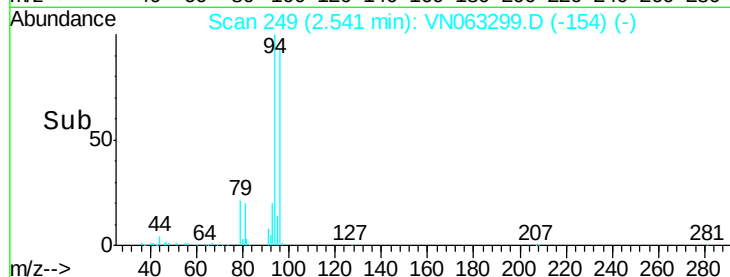
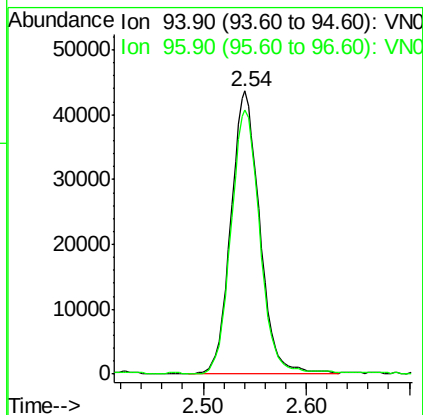
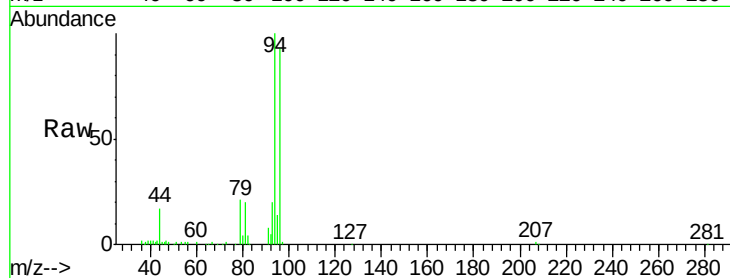
96 93.3 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 18.827 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063299.D

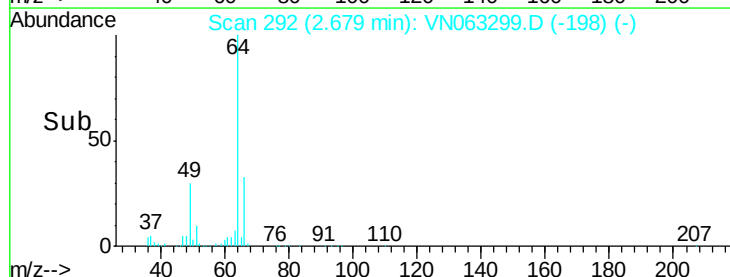
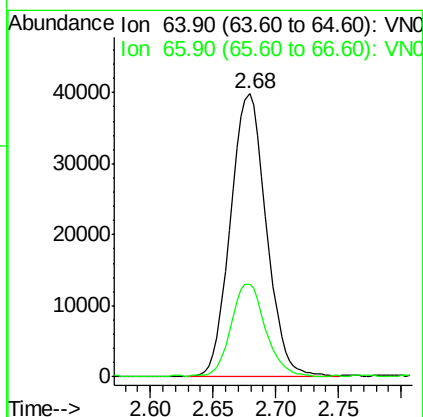
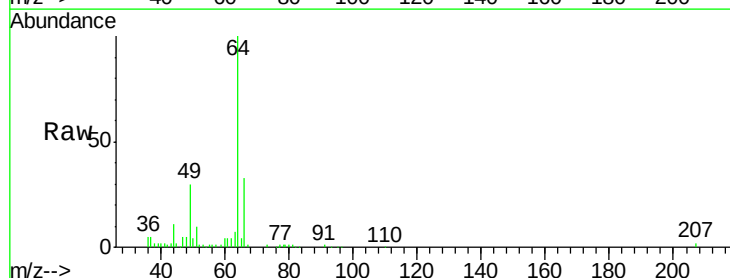
Acq: 10 Sep 2020 17:23

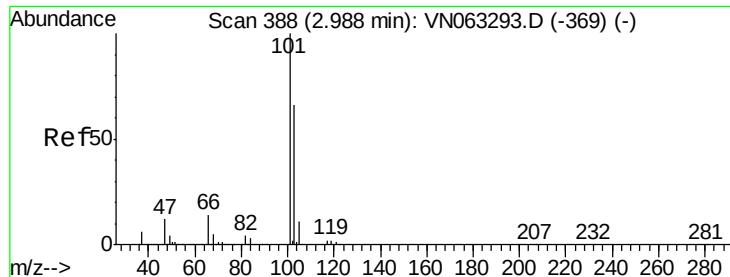
Tgt Ion: 64 Resp: 79175

Ion Ratio Lower Upper

64 100

66 32.9 23.8 35.6





#7

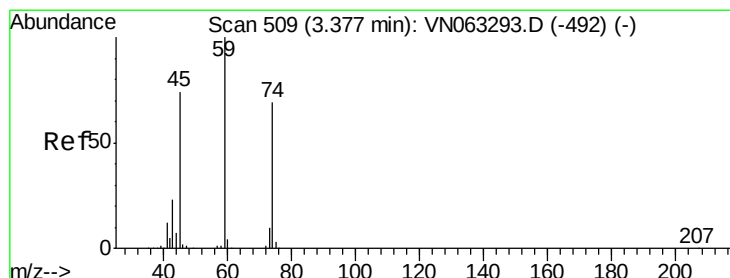
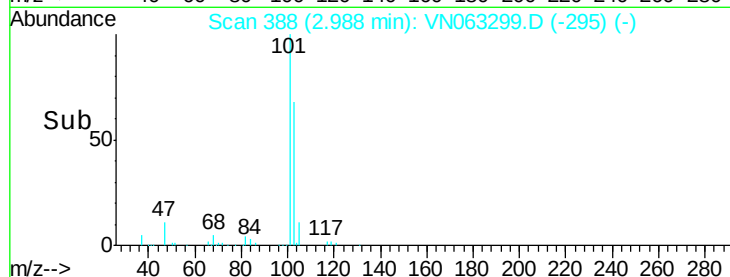
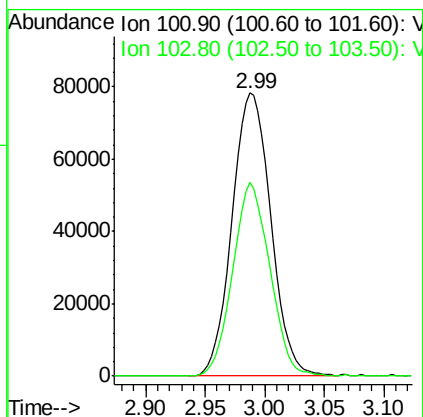
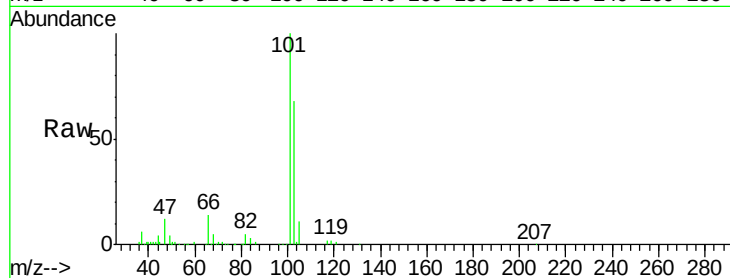
Trichlorofluoromethane
Concen: 17.825 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.3	52.4	78.6

Manual Integrations
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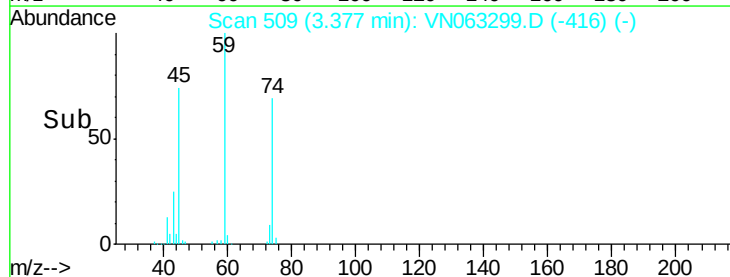
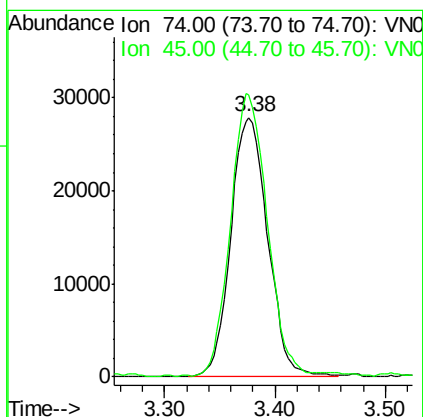
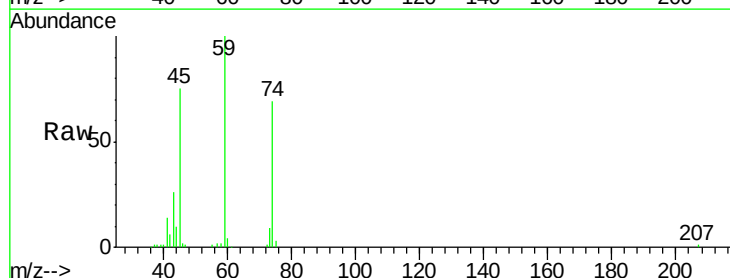
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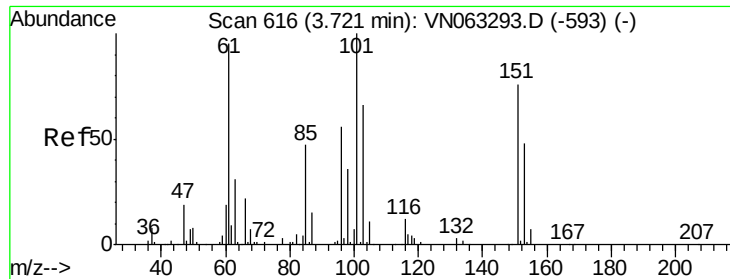


#8

Diethyl Ether
Concen: 18.253 ug/l
RT: 3.38 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.0	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.454 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

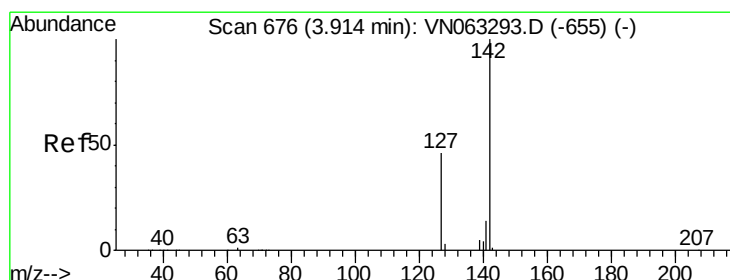
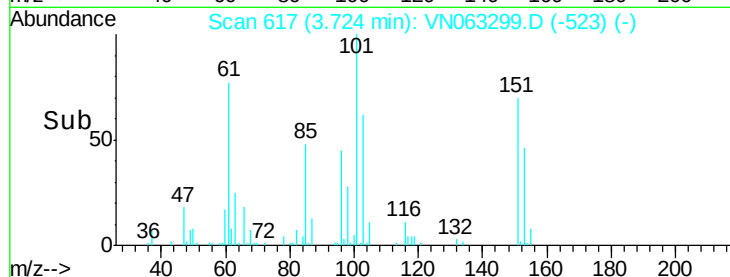
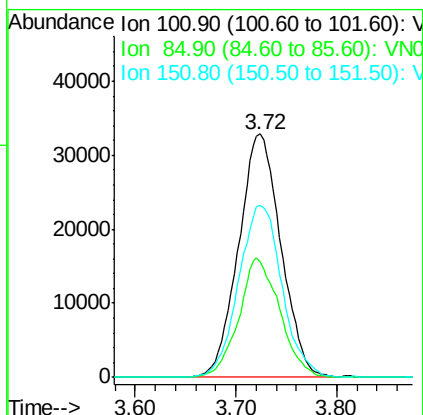
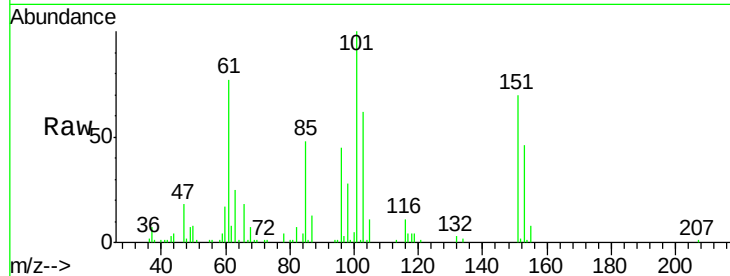
ClientSampleId :

VN0910MBSD01

Tot Ion:	101	Resp:	95847
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.9	55.3
151	72.2	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 17.916 ug/l

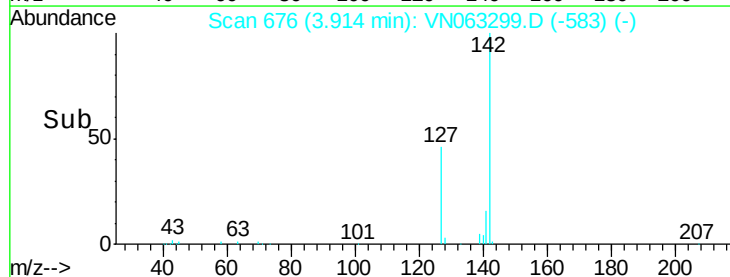
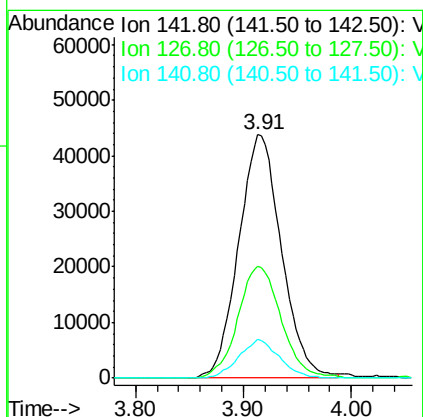
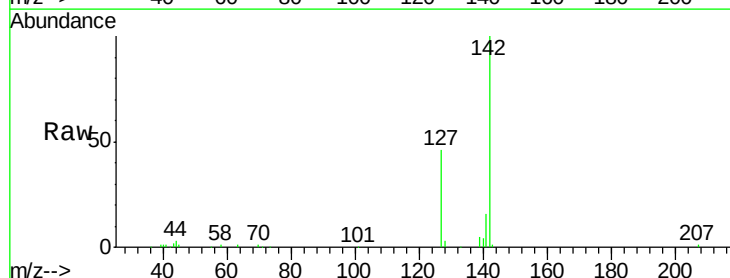
RT: 3.91 min Scan# 676

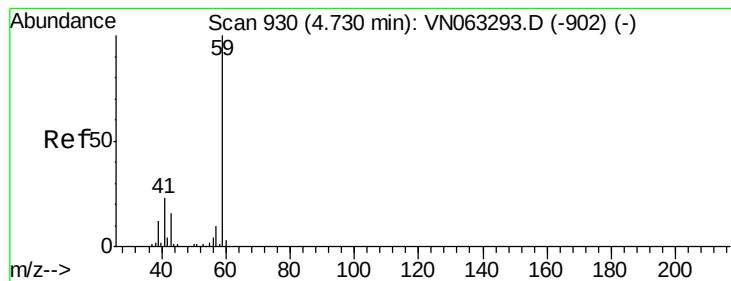
Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion:	142	Resp:	120626
Ion Ratio	Lower	Upper	
142	100		
127	46.4	37.1	55.7
141	14.9	11.6	17.4





#11

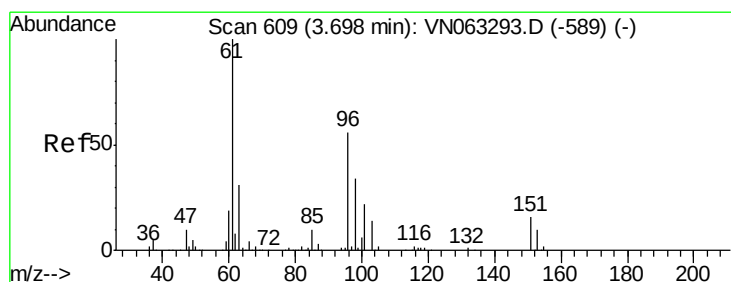
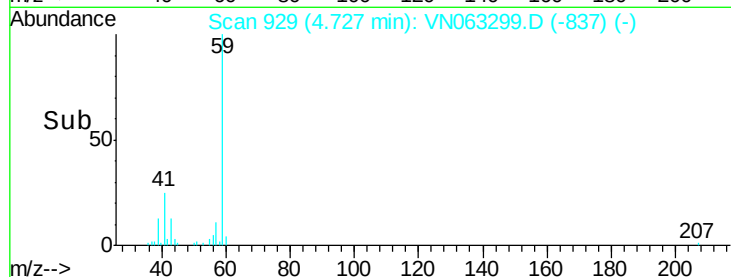
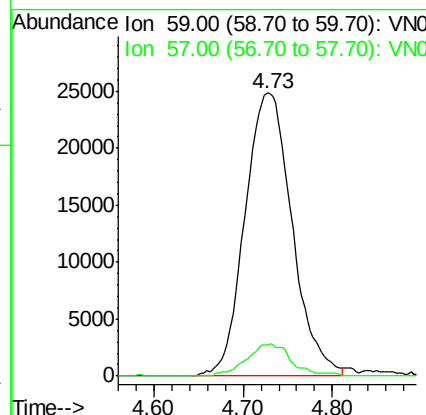
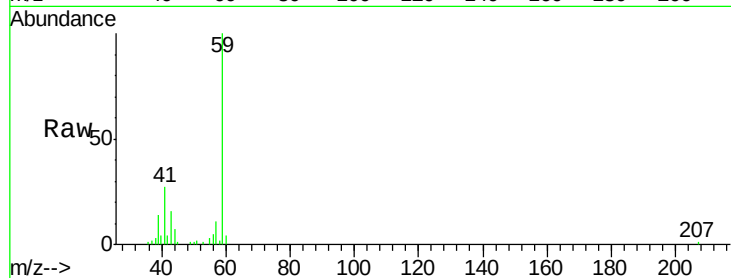
Tert butyl alcohol
Concen: 92.831 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

Manual Integrations
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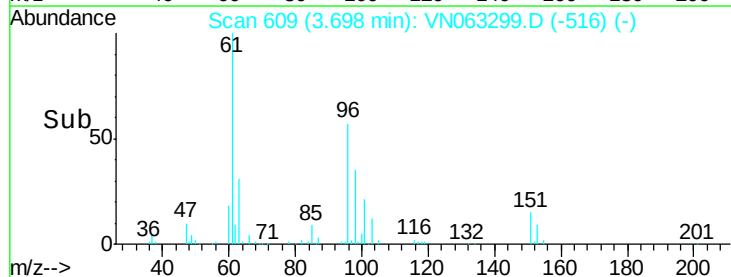
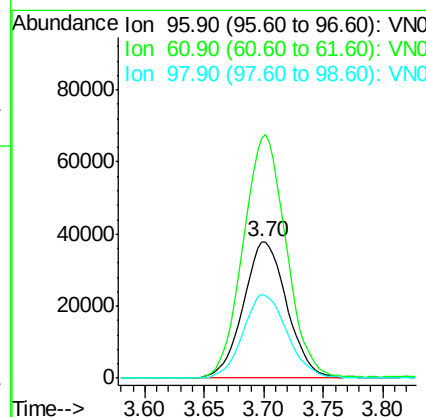
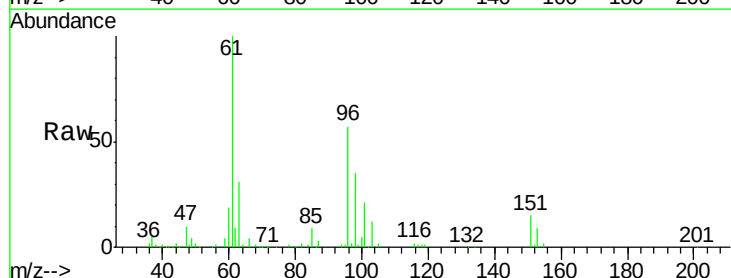
MMDadoda
9/11/2020 2:02:36 PM

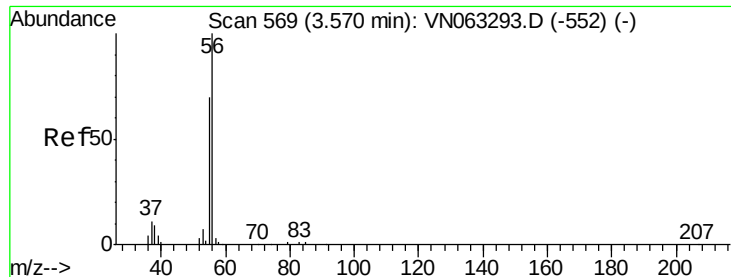


#12

1,1-Dichloroethene
Concen: 18.480 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.9	142.1	213.1
98	61.4	48.8	73.2





#13

Acrolein

Concen: 116.937 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBSD01

Tot Ion: 56 Resp: 52014

Ion Ratio Lower Upper

56 100

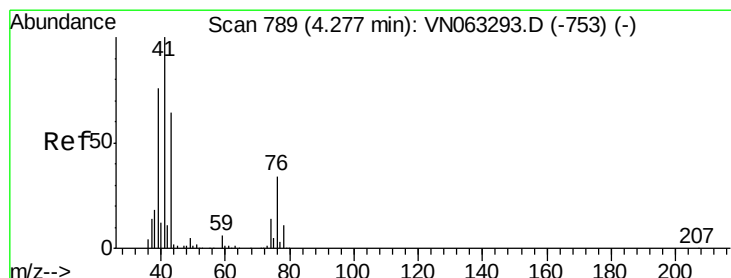
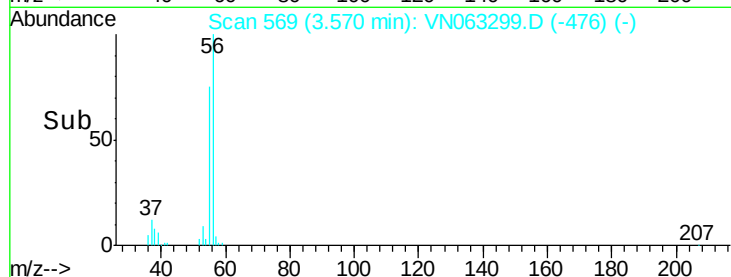
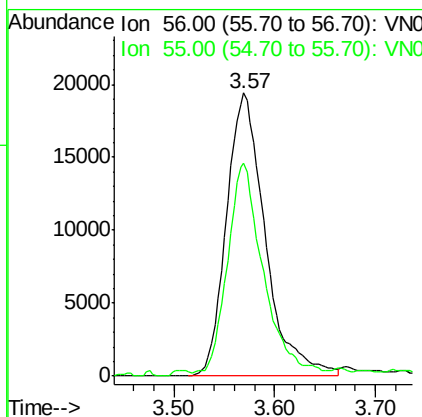
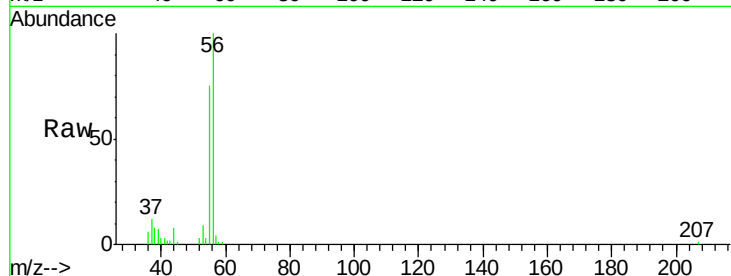
55 68.0 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 16.635 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

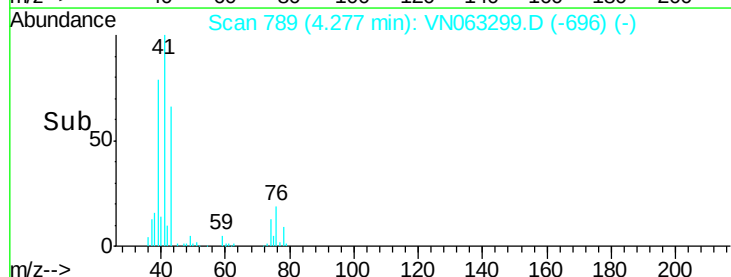
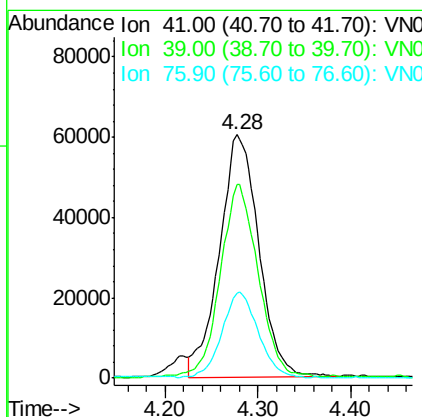
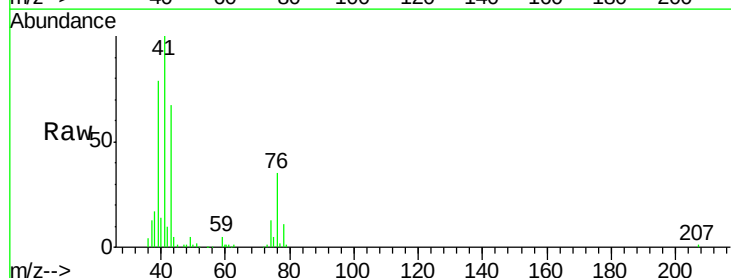
Tgt Ion: 41 Resp: 177049

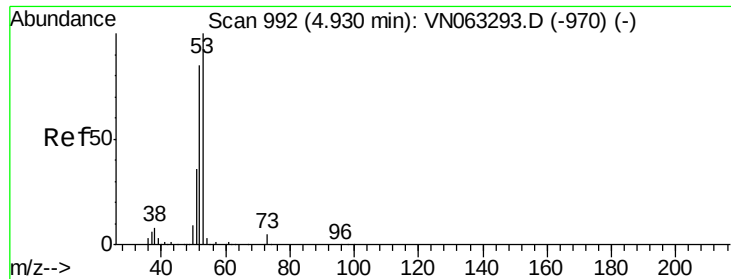
Ion Ratio Lower Upper

41 100

39 76.3 57.4 86.2

76 32.2 25.7 38.5





#15

Acrylonitrile

Concen: 94.127 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

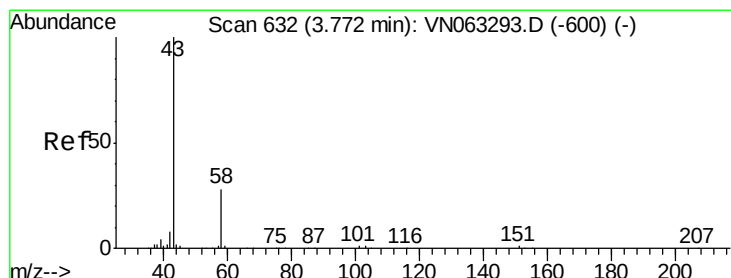
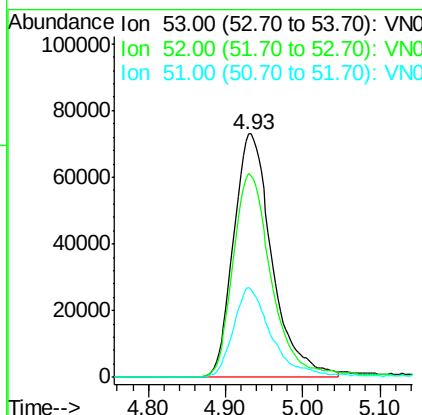
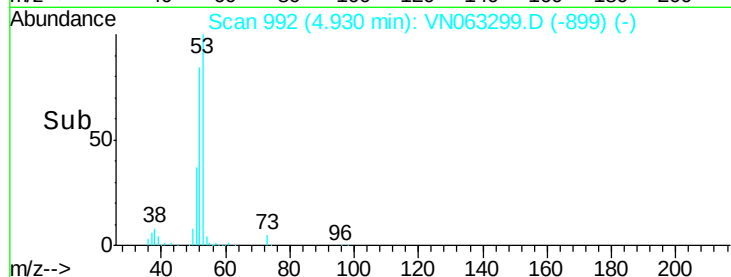
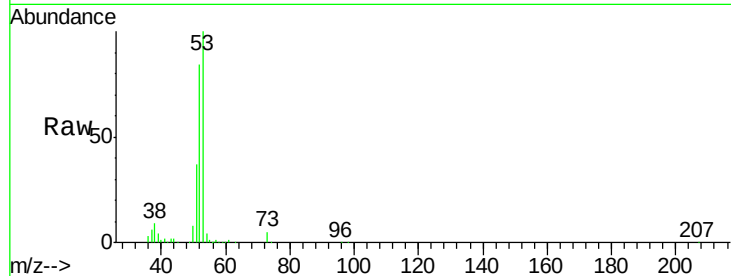
ClientSampleId :

VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.5	99.7
51	36.1	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 88.763 ug/l

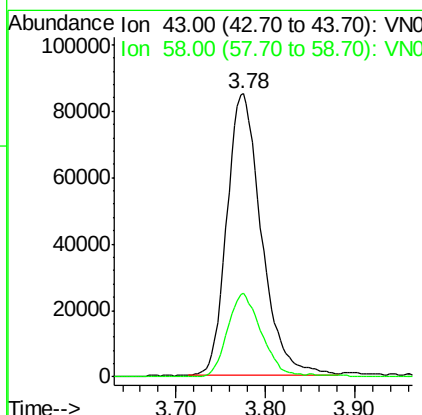
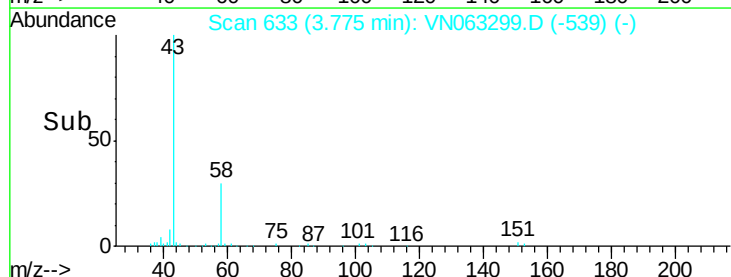
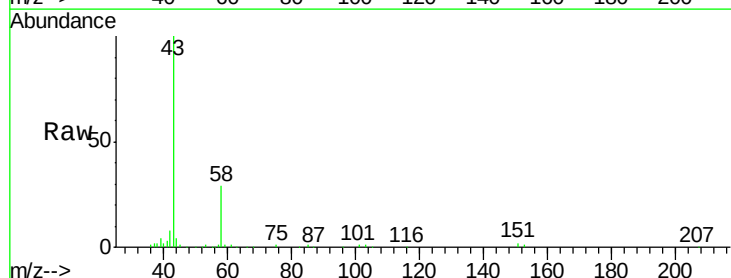
RT: 3.78 min Scan# 633

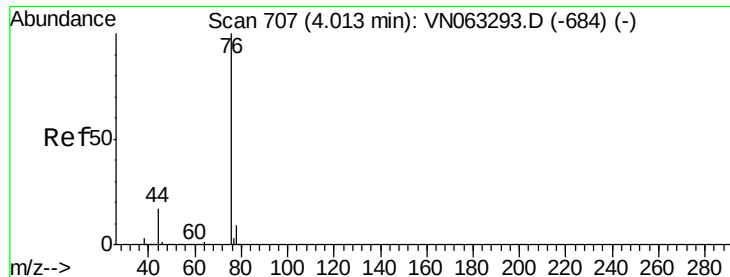
Delta R.T. 0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.6	34.0





#17

Carbon Disulfide

Concen: 18.178 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910MBSD01

Tot Ion: 76 Resp: 273347

Ion Ratio Lower Upper

76 100

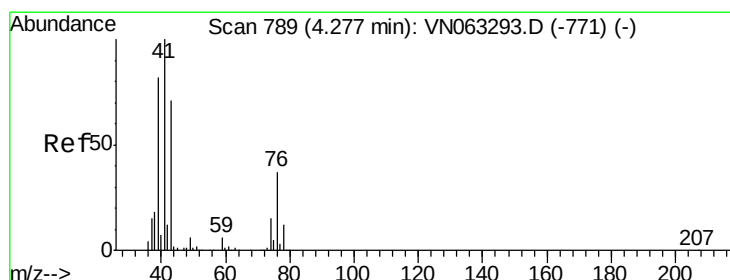
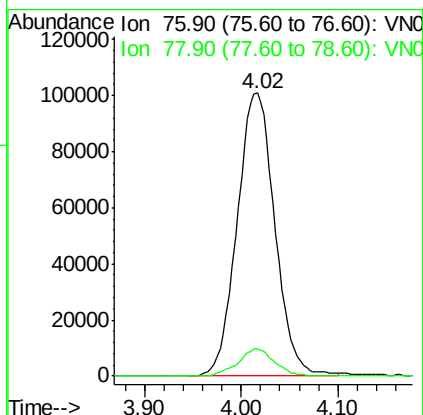
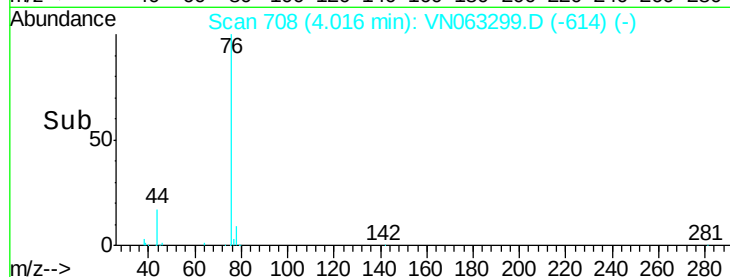
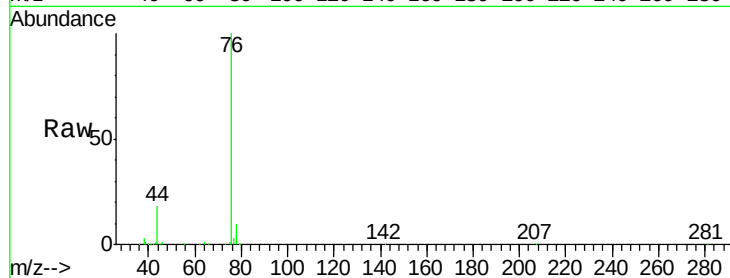
78 9.6 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 18.426 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063299.D

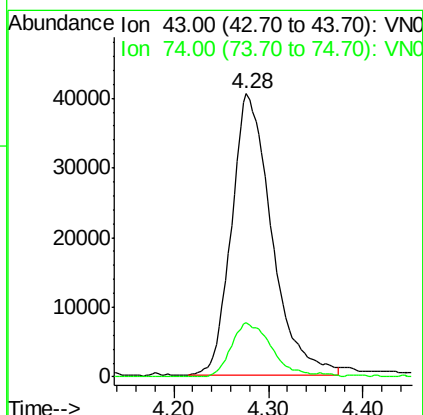
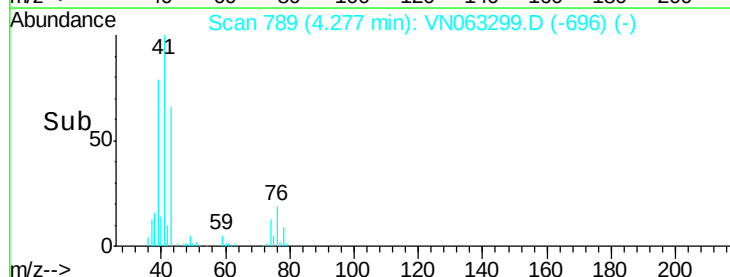
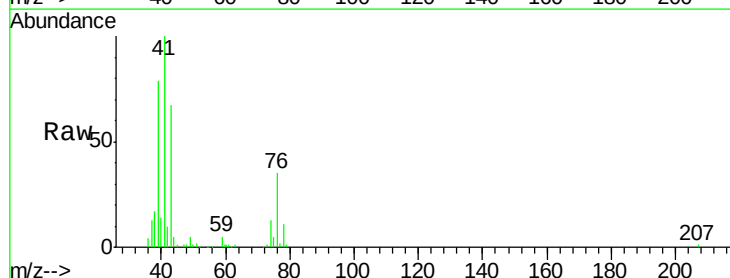
Acq: 10 Sep 2020 17:23

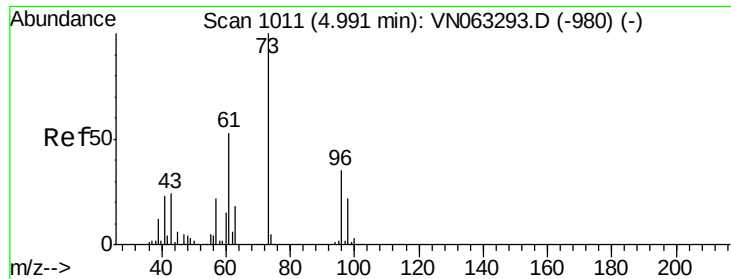
Tgt Ion: 43 Resp: 118891

Ion Ratio Lower Upper

43 100

74 19.4 17.8 26.6





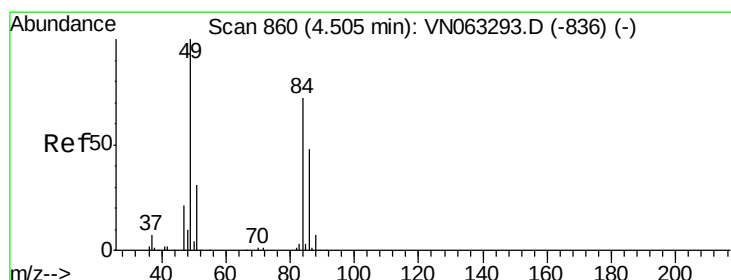
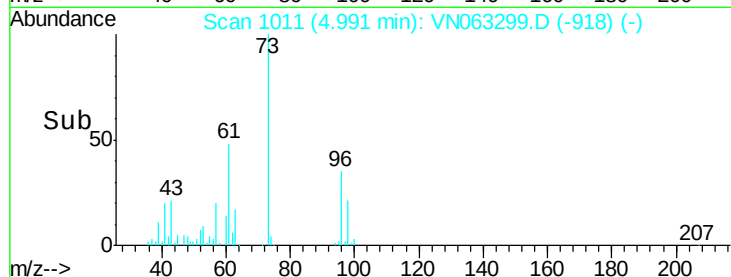
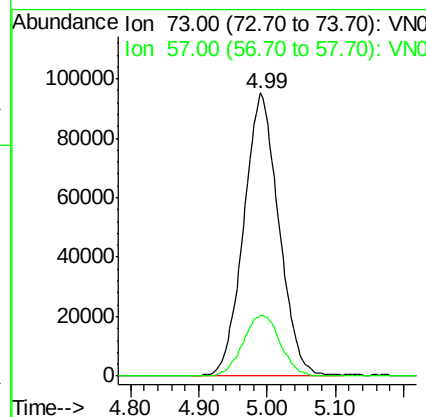
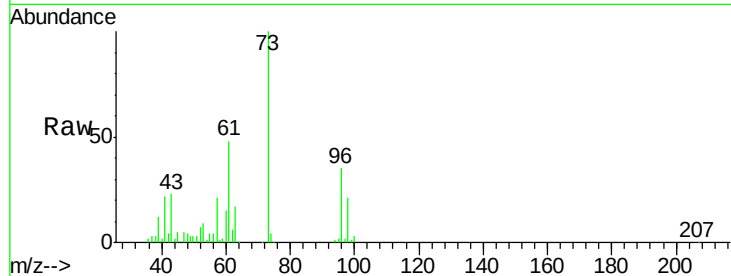
#19
Methvl tert-butvl Ether
Concen: 18.361 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion: 73 Resp: 340160
Ion Ratio Lower Upper
73 100
57 21.2 17.5 26.3

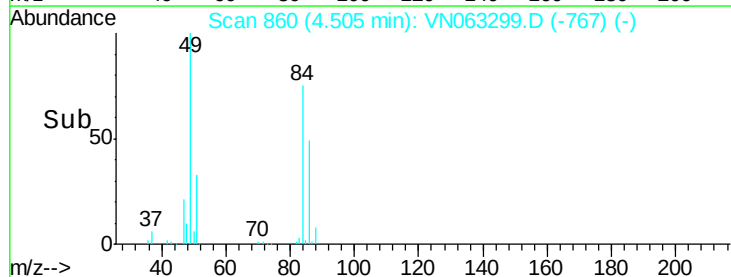
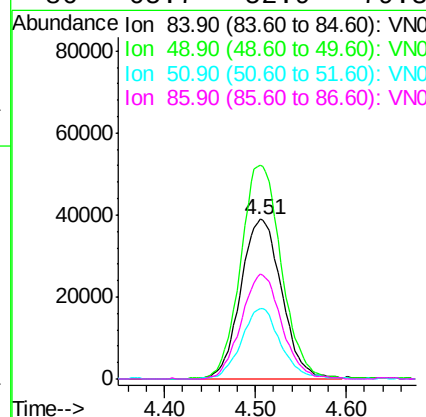
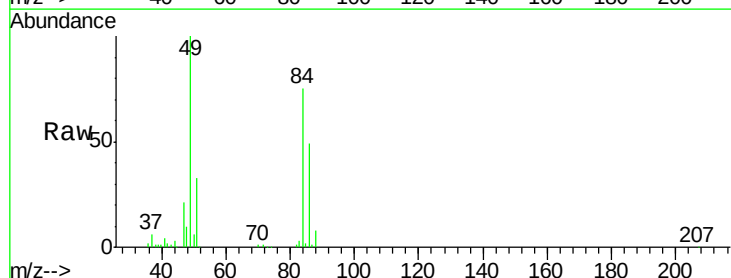
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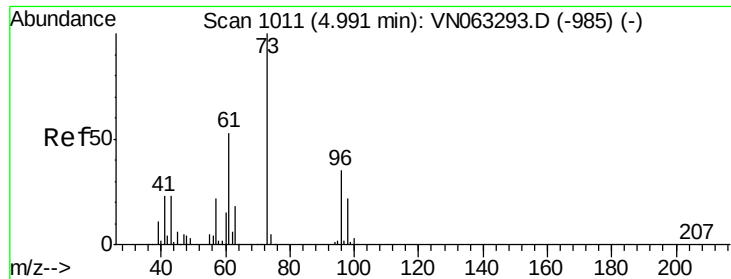
MMDadoda
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#20
Methylene Chloride
Concen: 20.148 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion: 84 Resp: 122186
Ion Ratio Lower Upper
84 100
49 133.2 111.1 166.7
51 43.8 34.3 51.5
86 65.7 52.9 79.3





#21

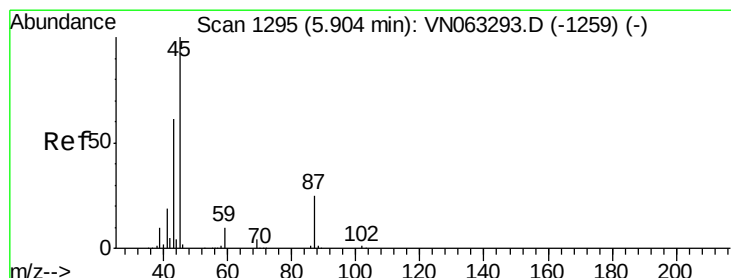
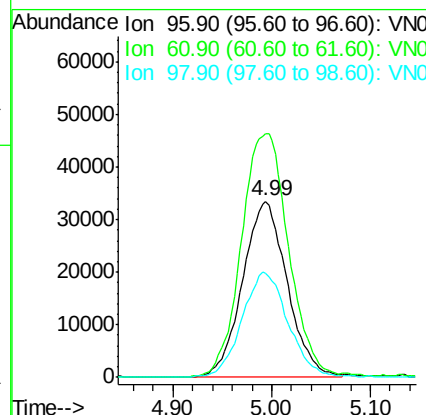
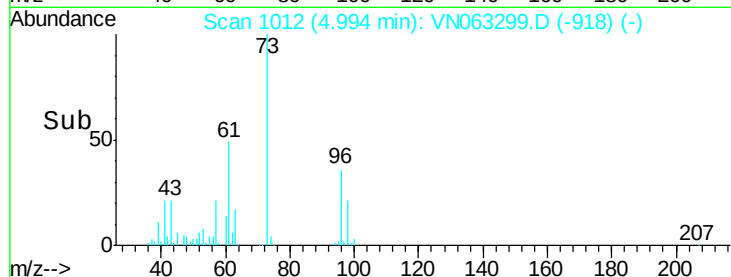
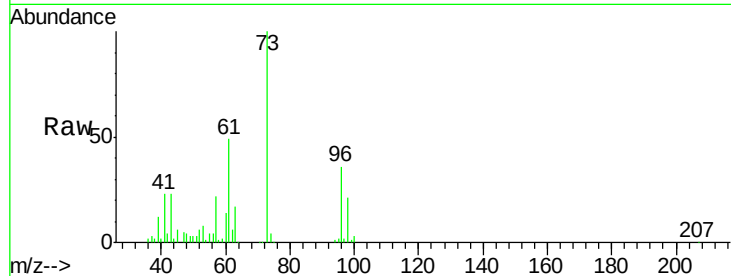
trans-1,2-Dichloroethene
Concen: 18.077 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	121.8	182.8
98	59.3	51.2	76.8

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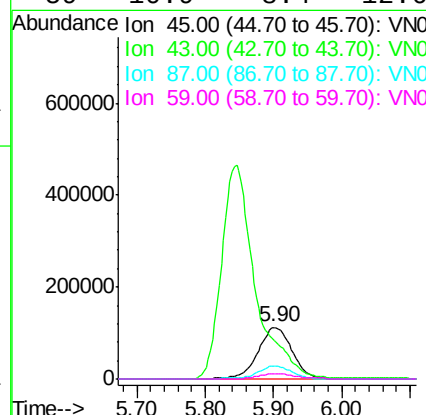
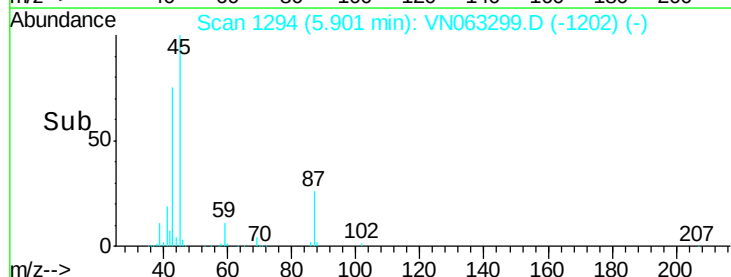
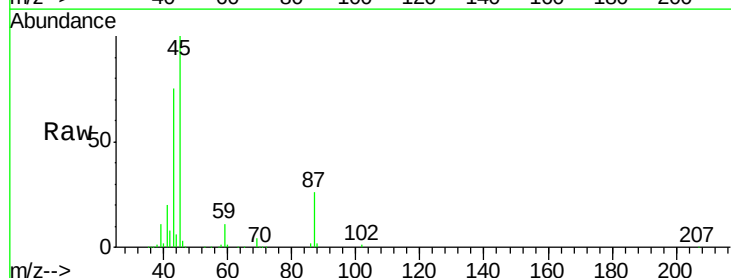
MMDadoda
9/11/2020 2:02:36 PM

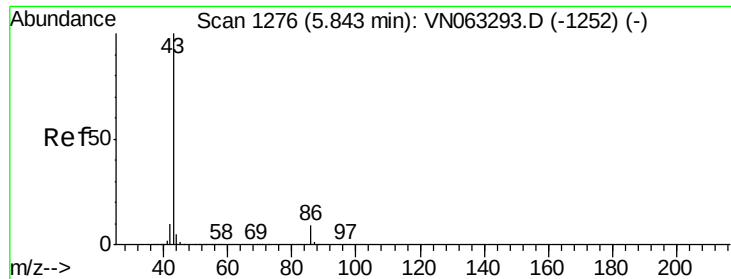


#22

Diisopropyl ether
Concen: 18.570 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.8	50.3	75.5
87	25.7	20.7	31.1
59	10.9	8.4	12.6





#23

Vinyl Acetate

Concen: 97.164 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampleID :

VN0910MBSD01

Tot Ion: 43 Resp: 1601932

Ion Ratio Lower Upper

43 100

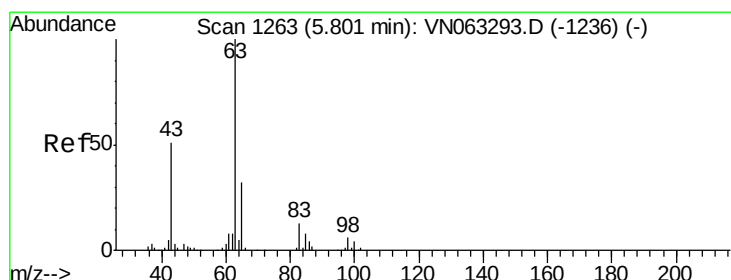
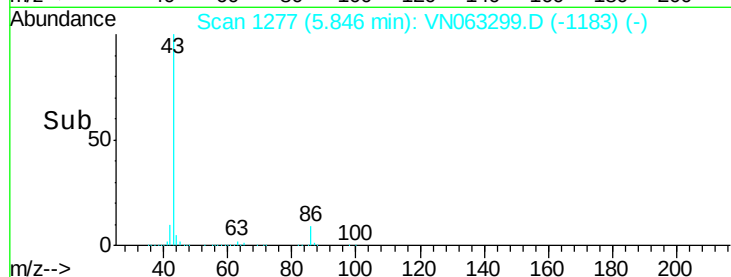
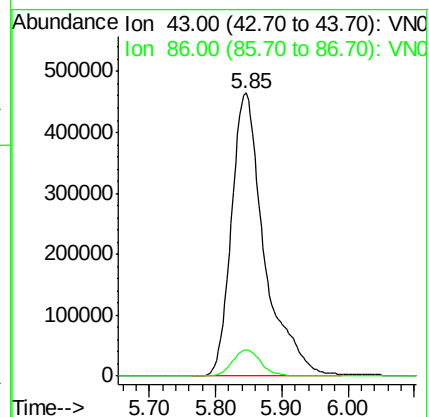
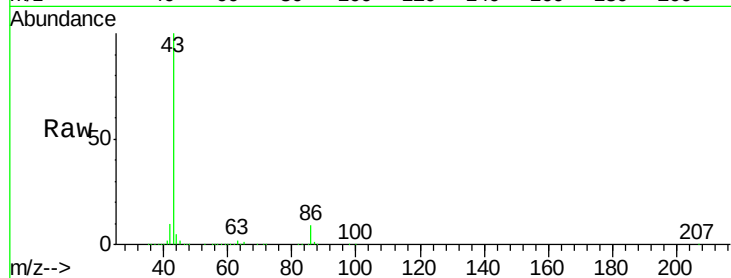
86 9.2 7.2 10.8

Manual Integrations

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MMDadoda

9/11/2020 2:02:36 PM



#24

1,1-Dichloroethane

Concen: 18.604 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

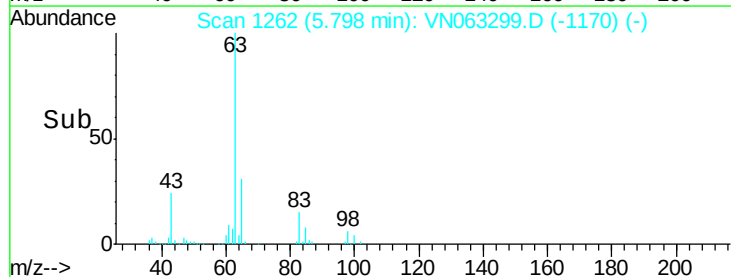
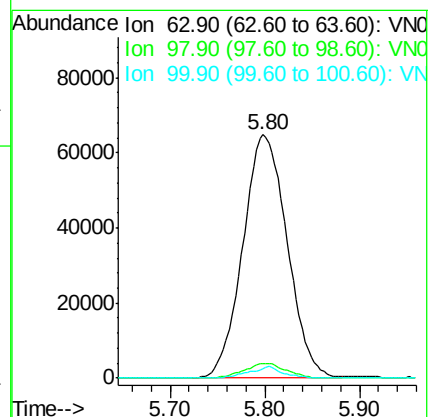
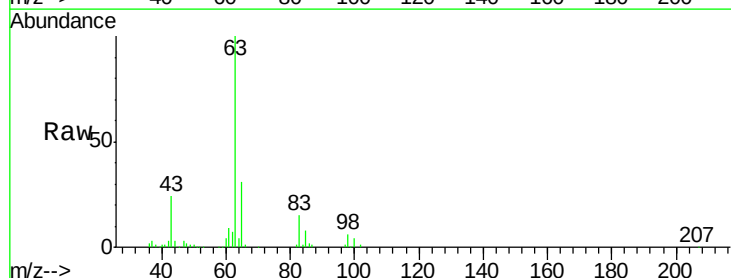
Tgt Ion: 63 Resp: 211024

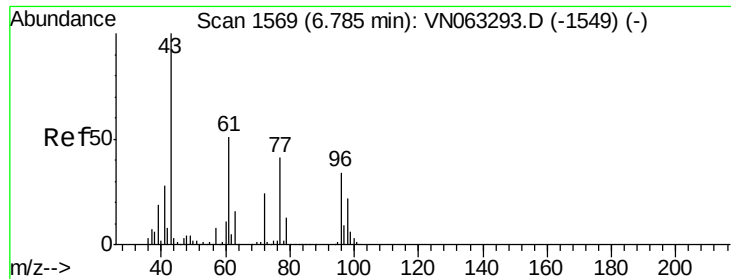
Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 3.8 2.0 6.0





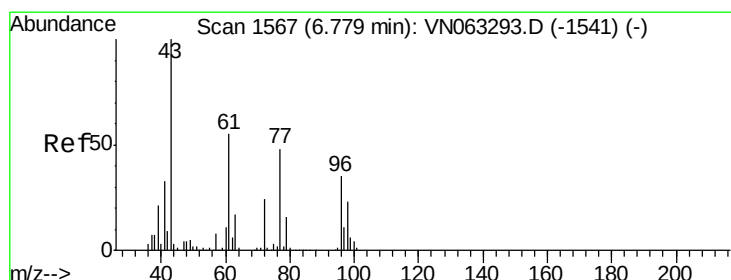
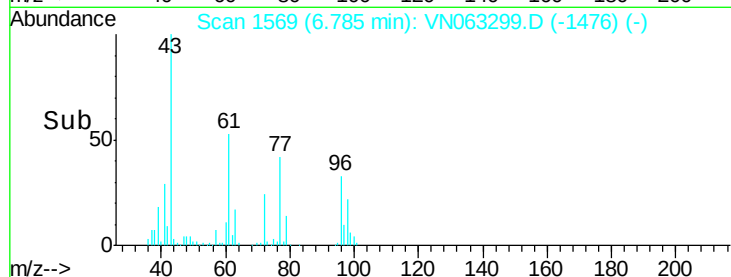
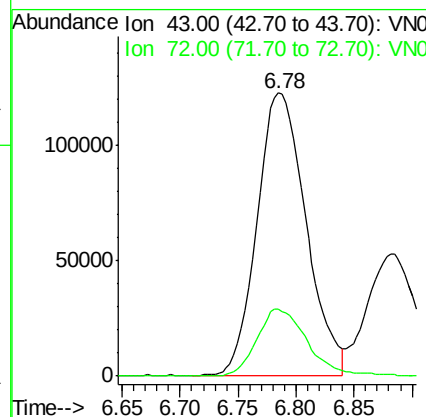
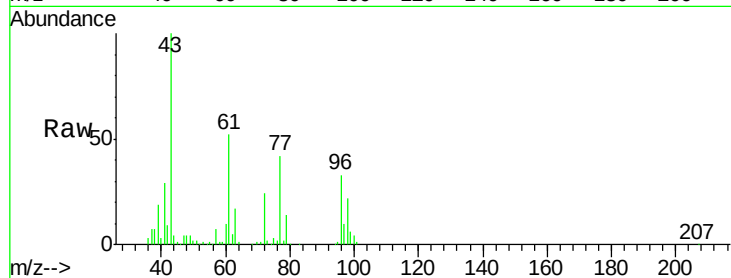
#25
2-Butanone
Concen: 94.346 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion: 43 Resp: 357730
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

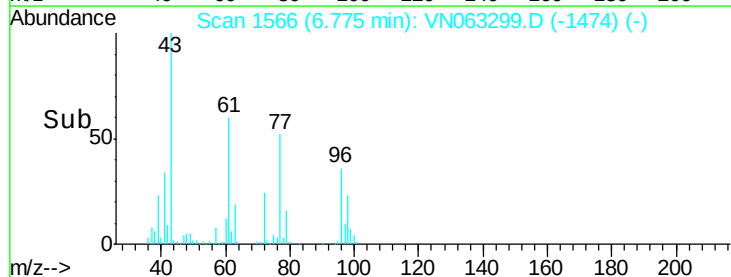
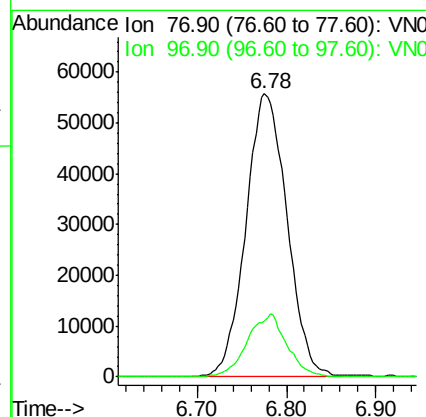
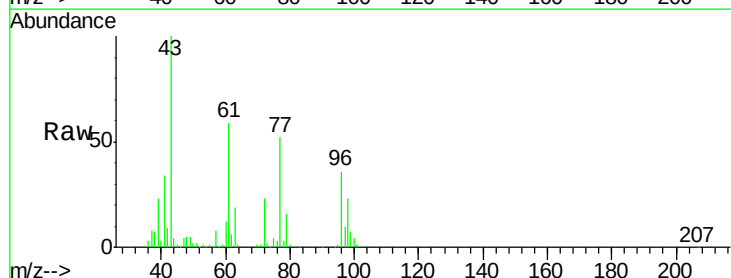
Manual Integrations
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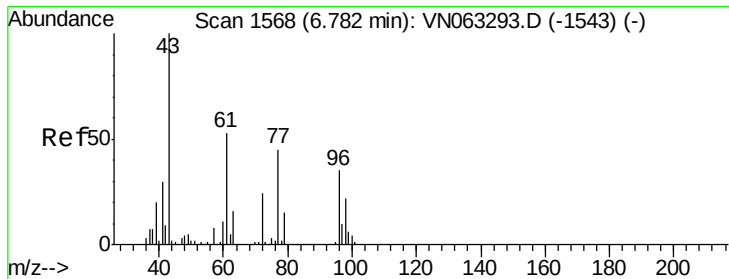
MMDadoda
9/11/2020 2:02:36 PM



#26
2,2-Dichloropropane
Concen: 18.013 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion: 77 Resp: 179084
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 17.850 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

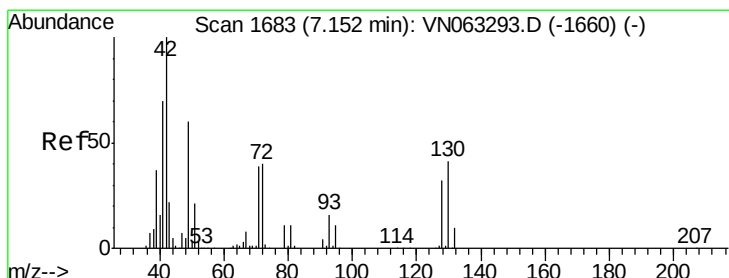
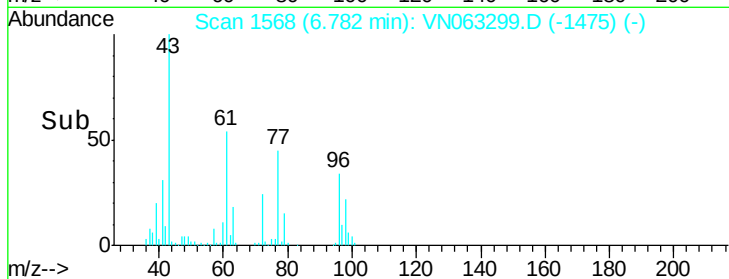
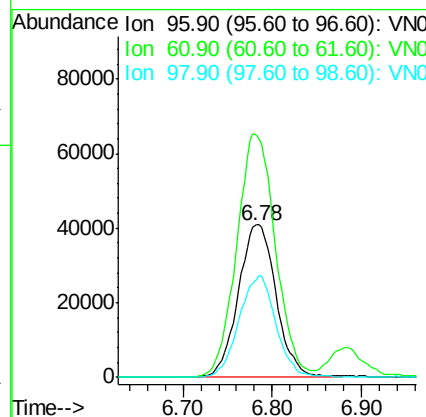
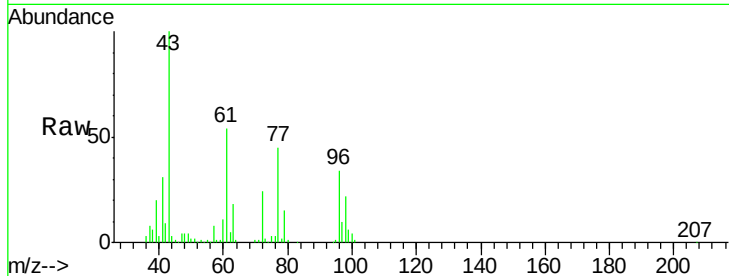
ClientSampleId :

VN0910MBSD01

Tot Ion:	96	Resp:	120704
Ion	Ratio	Lower	Upper
96	100		
61	162.9	0.0	322.8
98	64.6	0.0	132.2

Manual Integrations
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9/11/2020 2:02:36 PM



#28

Bromochloromethane

Concen: 17.571 ug/l

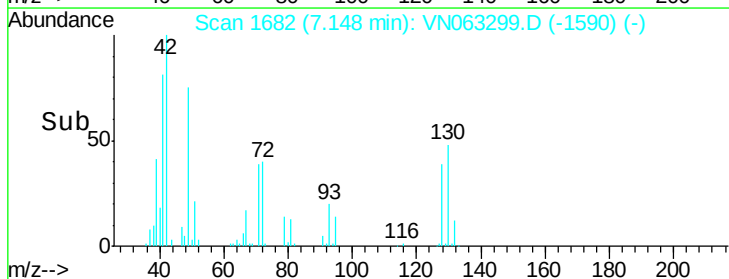
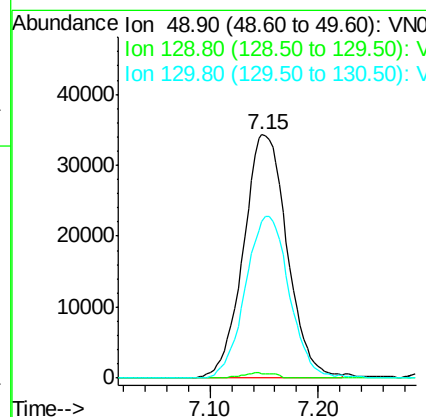
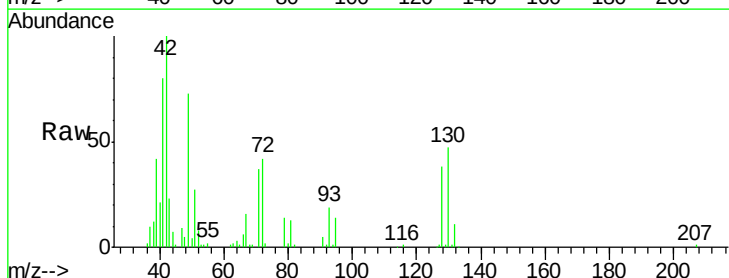
RT: 7.15 min Scan# 1682

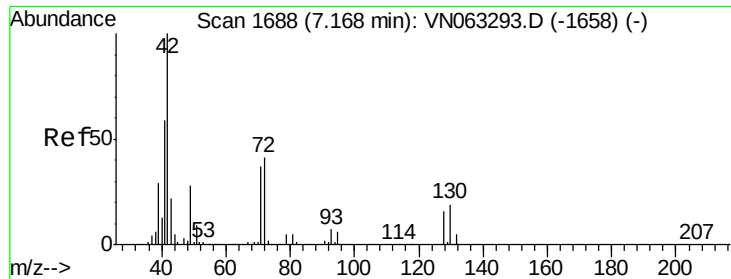
Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion:	49	Resp:	96647
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.4
130	66.6	53.1	79.7





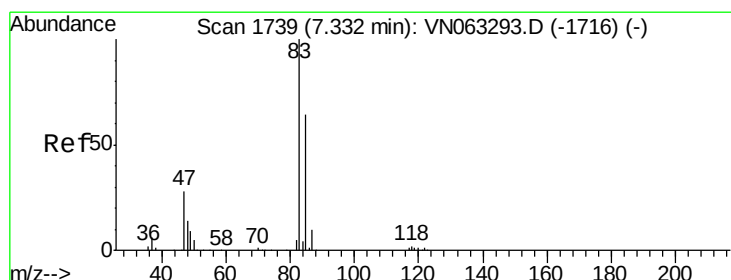
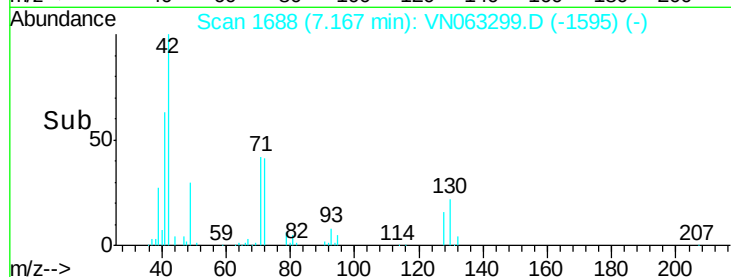
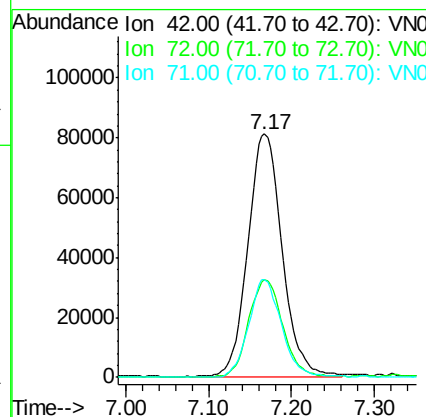
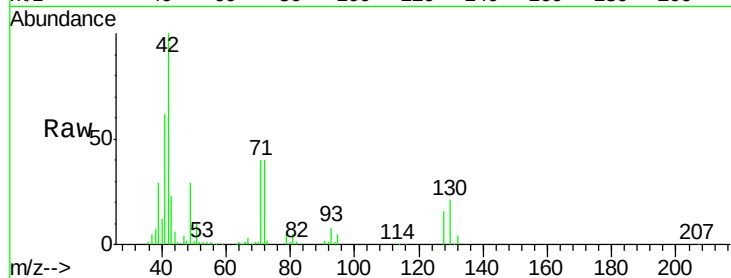
#29
Tetrahydrofuran
Concen: 94.322 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.4	47.2
71	38.8	30.0	45.0

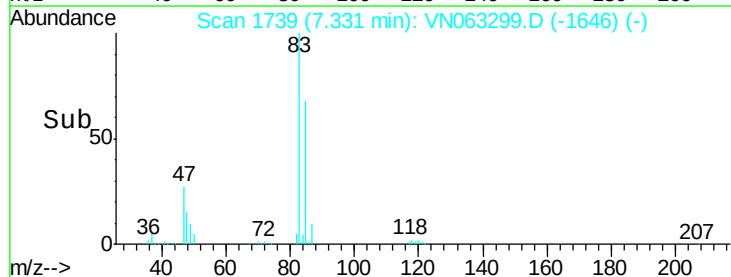
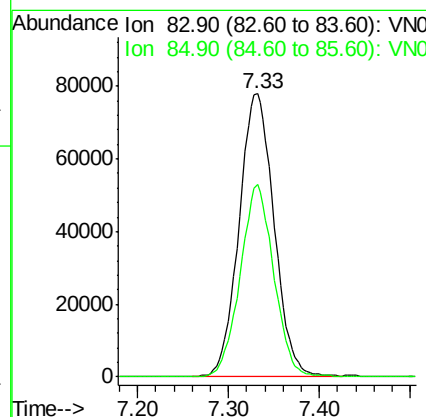
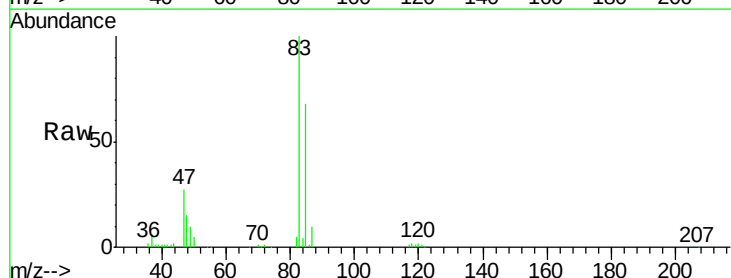
Manual Integrations
APPROVED

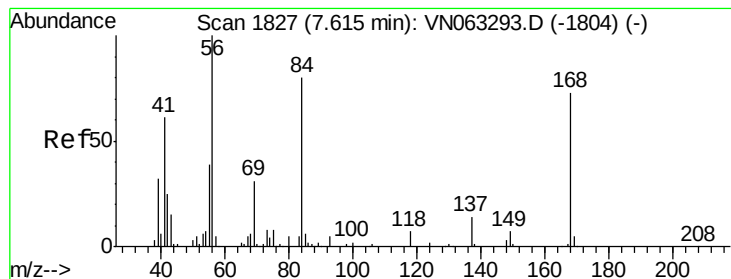
MMDadoda
9/11/2020 2:02:36 PM



#30
Chloroform
Concen: 18.327 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.2	76.8





#31

Cyclohexane

Concen: 18.732 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

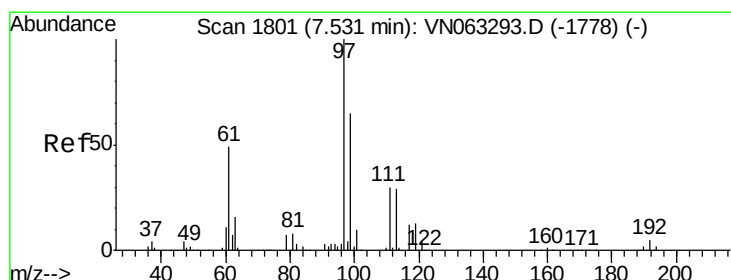
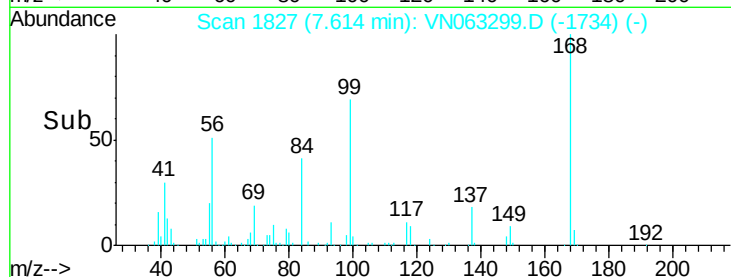
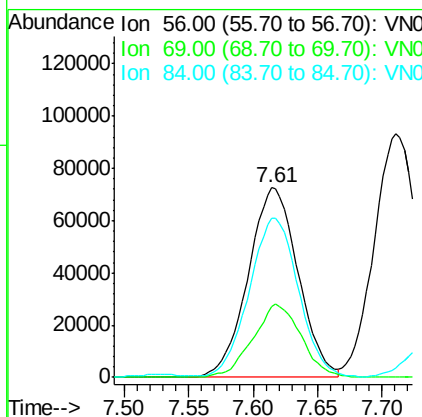
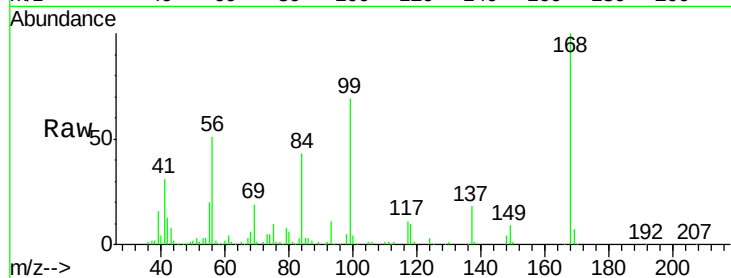
ClientSampleId :

VN0910MBSD01

Tot Ion	56	Resp	195299
Ion	Ratio	Lower	Upper
56	100		
69	37.5	25.1	37.7
84	83.1	64.2	96.2

Manual Integrations
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9/11/2020 2:02:36 PM



#32

1,1,1-Trichloroethane

Concen: 18.235 ug/l

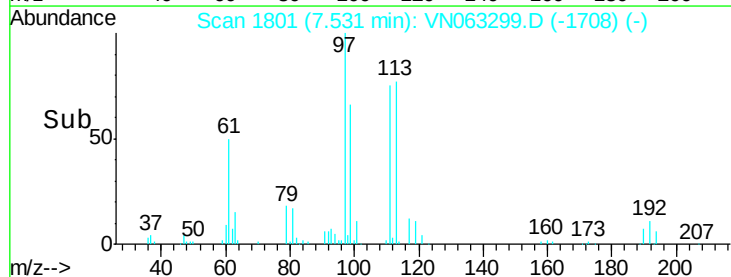
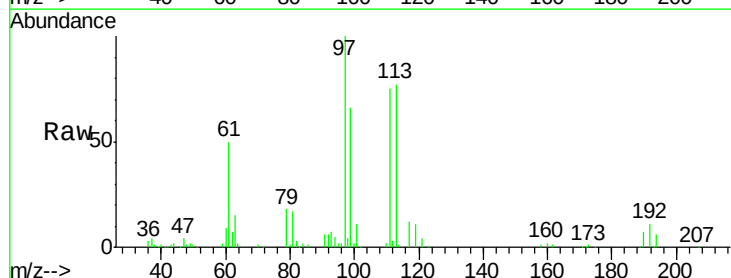
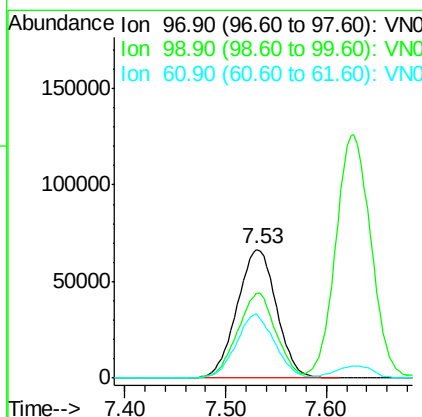
RT: 7.53 min Scan# 1801

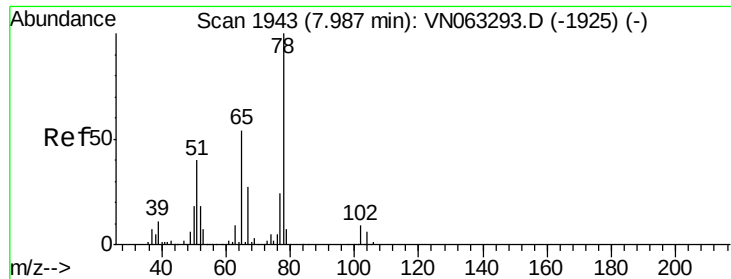
Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion	97	Resp	180530
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	48.4	38.9	58.3





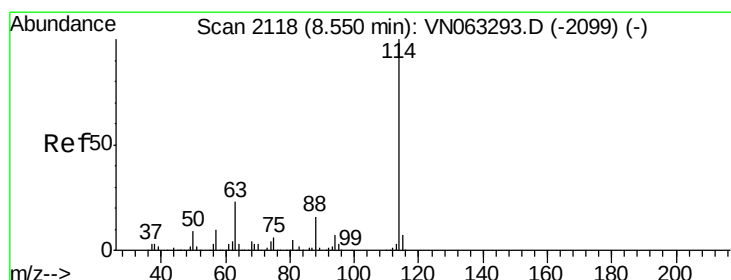
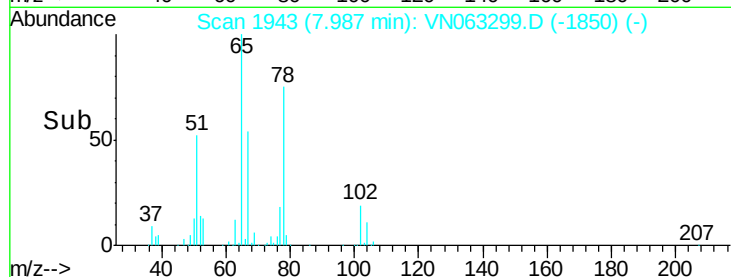
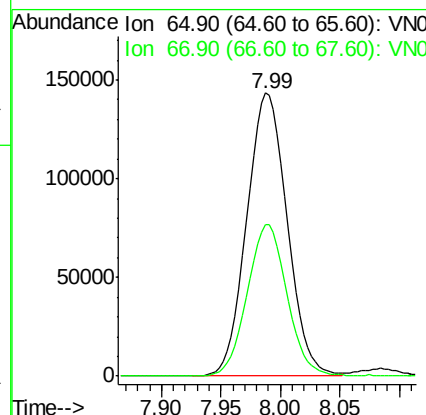
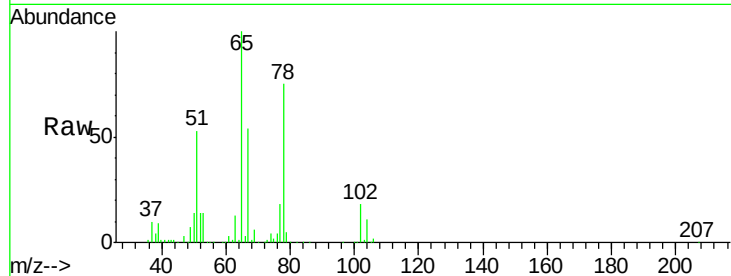
#33
 1,2-Dichloroethane-d4
 Concen: 45.437 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	104.6	

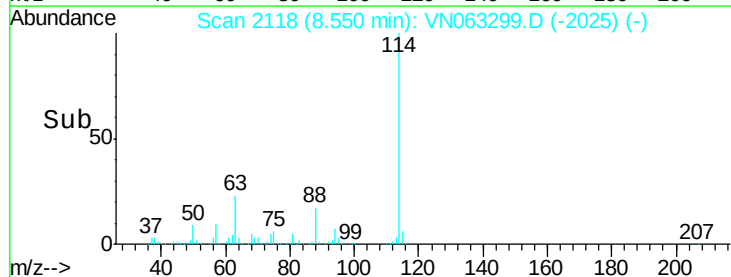
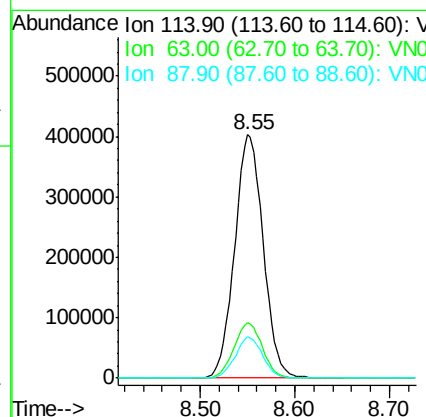
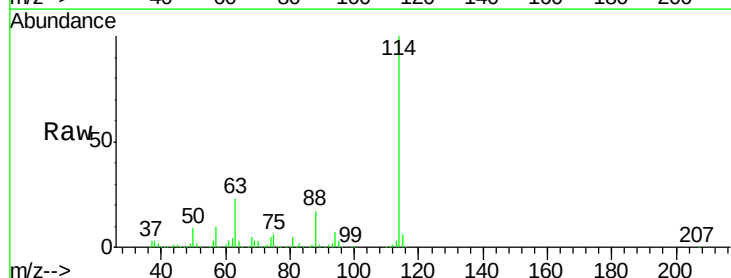
Manual Integrations
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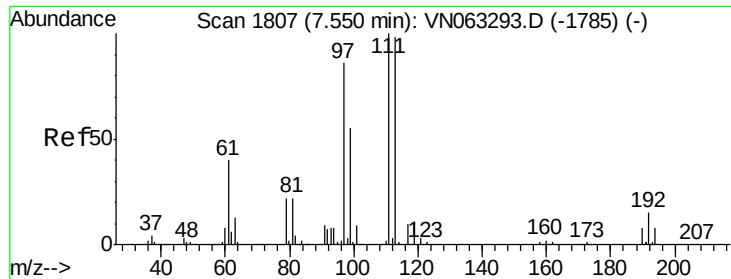
MMDadoda
 9/11/2020 2:02:36 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.6	0.0	46.0	
88	16.9	0.0	32.8	





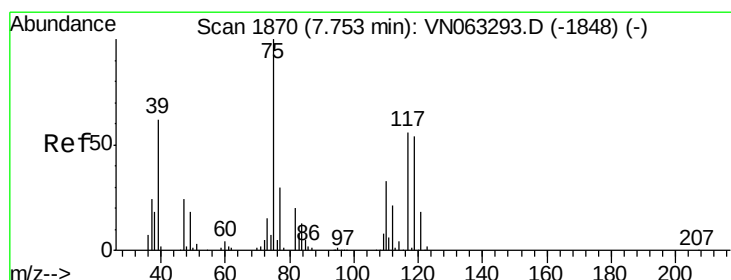
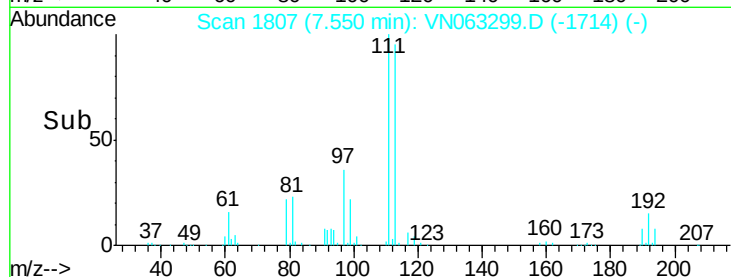
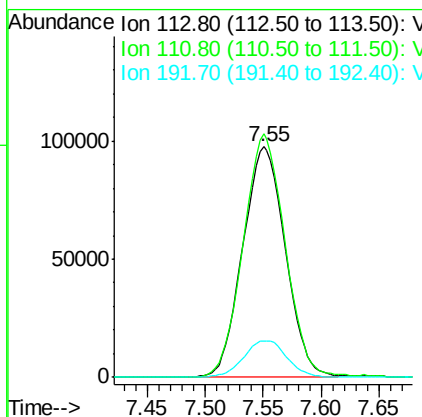
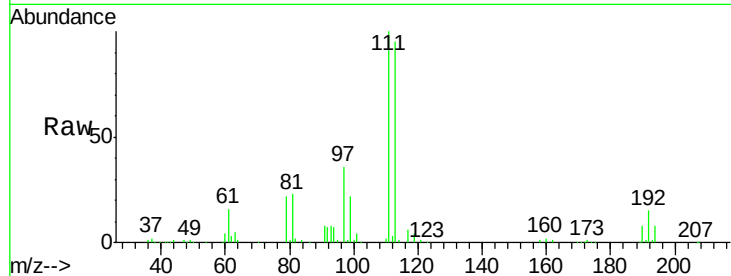
#35
 Dibromofluoromethane
 Concen: 45.763 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	249883		
111	103.9	82.2	123.2	
192	16.2	12.9	19.3	

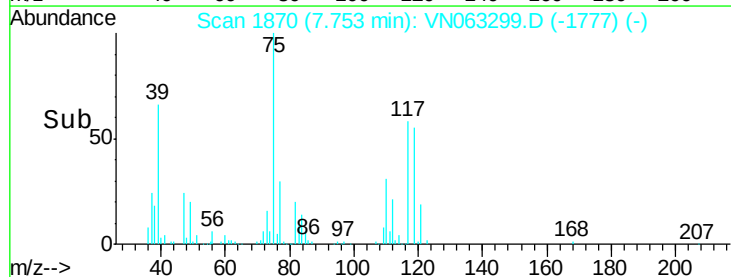
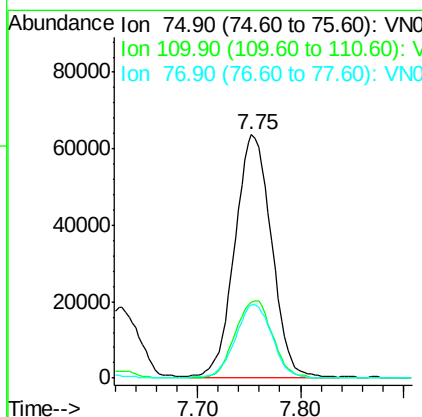
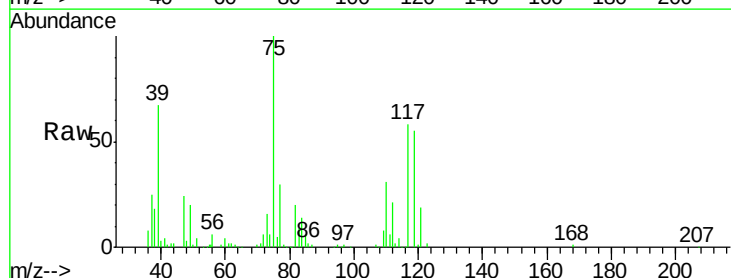
Manual Integrations
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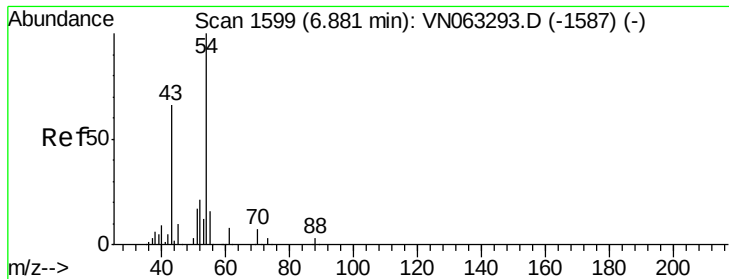
MMDadoda
 9/11/2020 2:02:36 PM



#36
 1,1-Dichloropropene
 Concen: 18.043 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	156974		
110	32.6	16.4	49.4	
77	30.6	24.8	37.2	





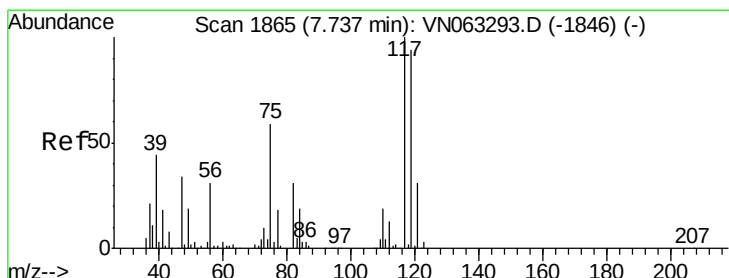
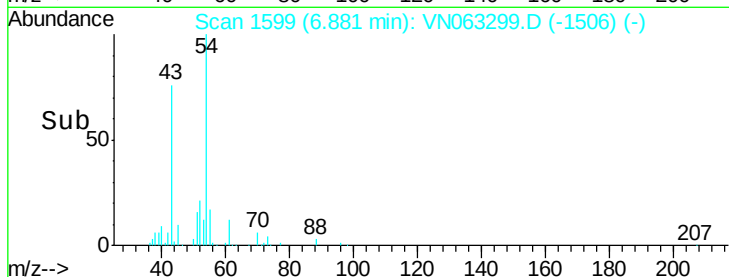
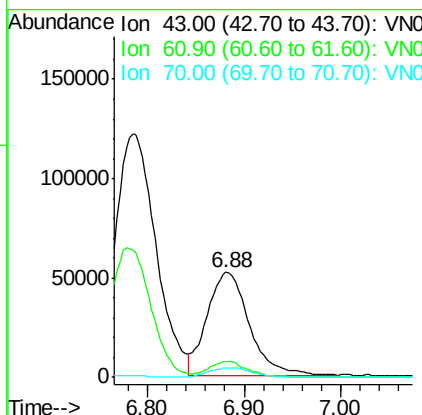
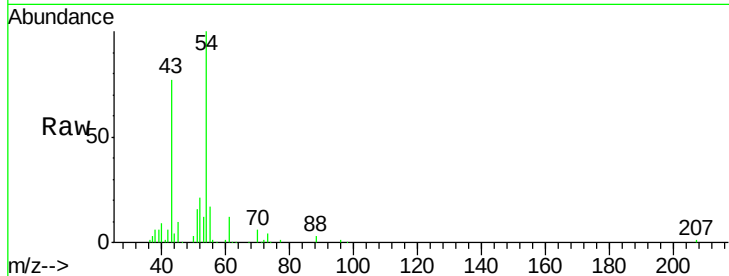
#37
Ethyl Acetate
Concen: 18.443 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.2	10.1	15.1	
70	8.9	7.4	11.2	

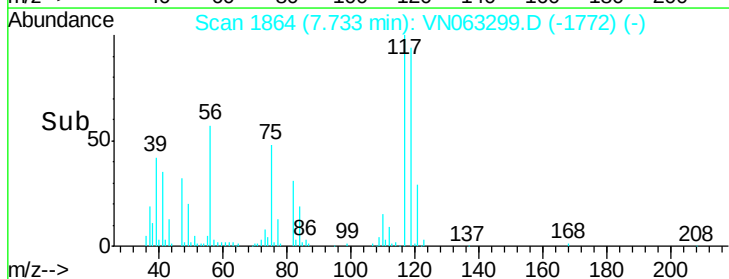
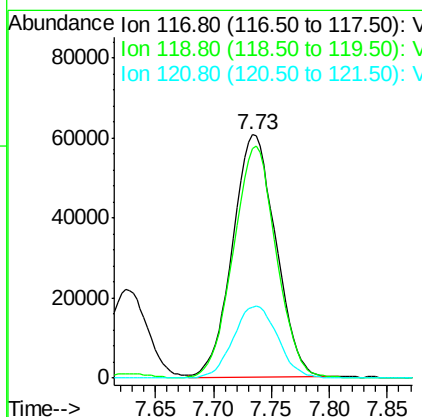
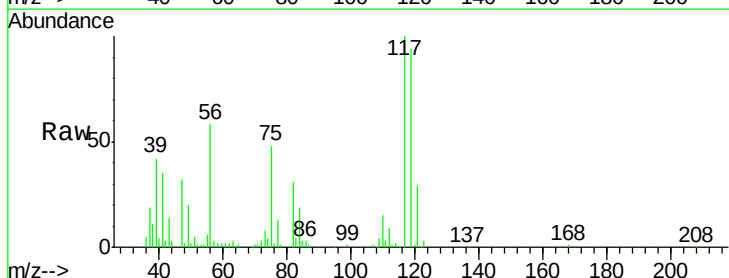
Manual Integrations
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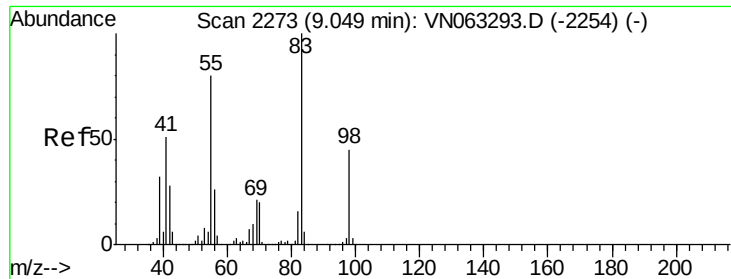
MMDadoda
9/11/2020 2:02:36 PM



#38
Carbon Tetrachloride
Concen: 18.360 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	94.3	75.3	112.9	
121	29.4	24.6	37.0	





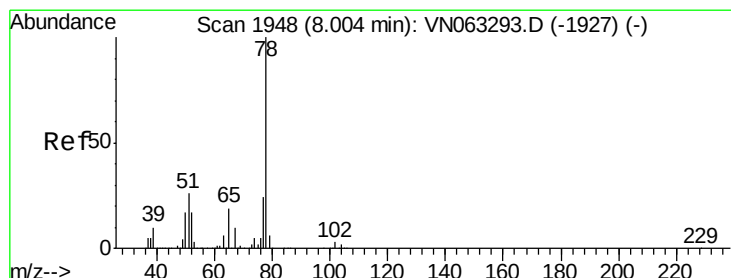
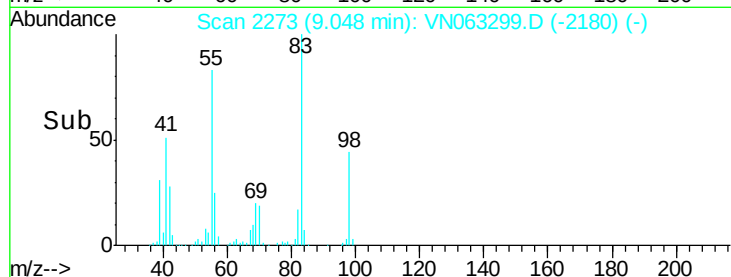
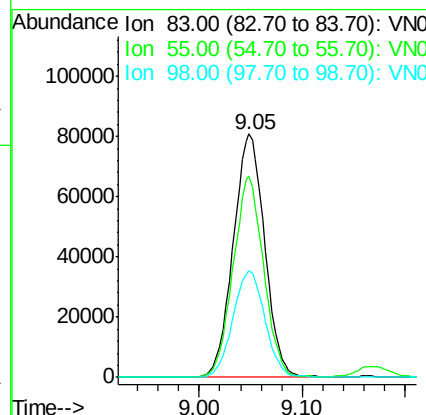
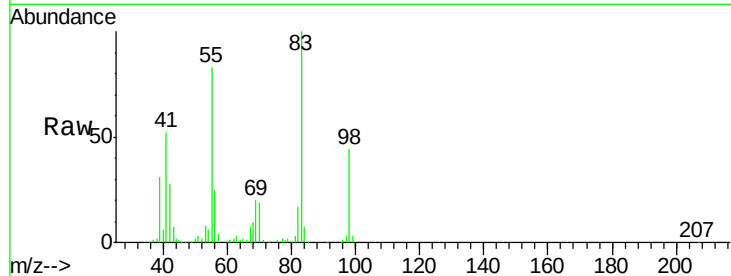
#39
Methylvlcyclohexane
Concen: 18.054 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.8	64.0	96.0
98	43.7	36.4	54.6

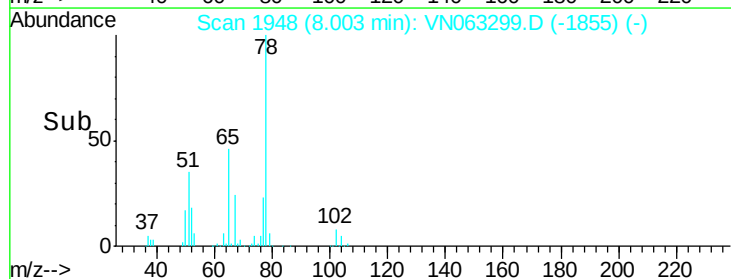
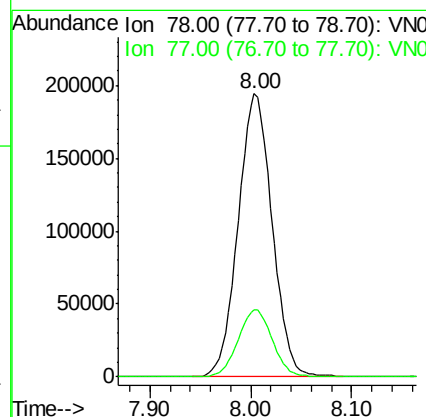
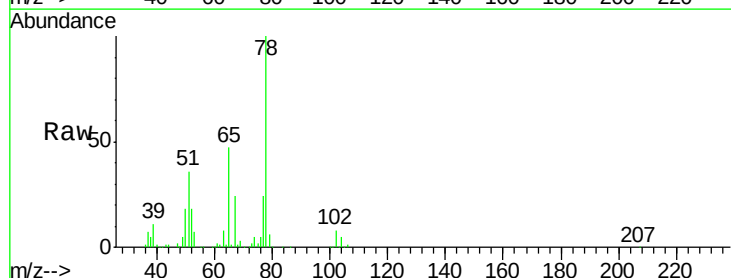
Manual Integrations
APPROVED

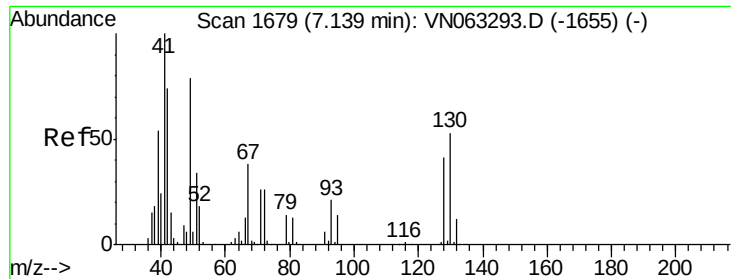
MMDadoda
9/11/2020 2:02:36 PM



#40
Benzene
Concen: 18.282 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





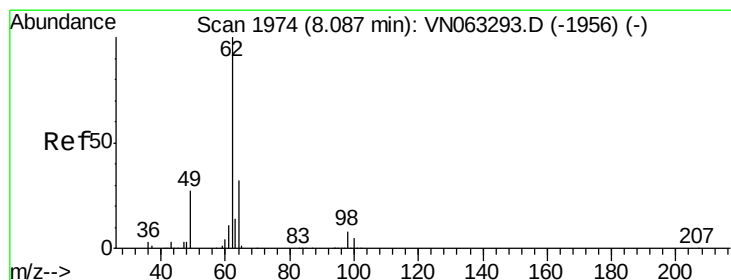
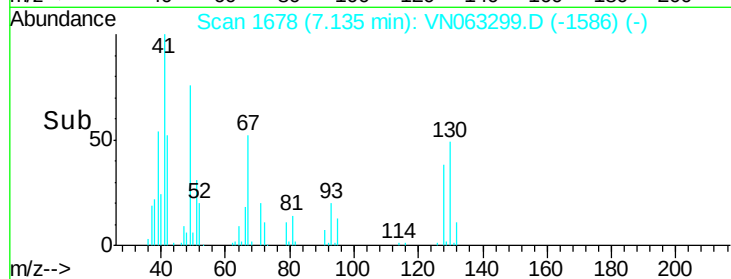
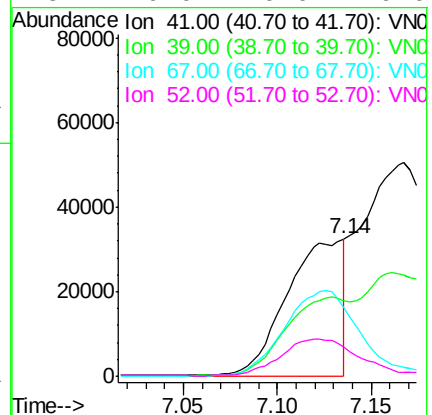
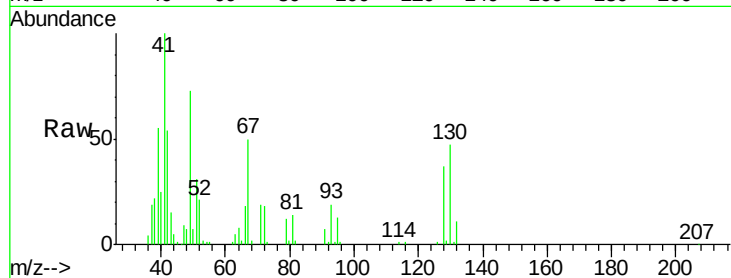
#41
Methacrylonitrile
Concen: 17.626 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

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

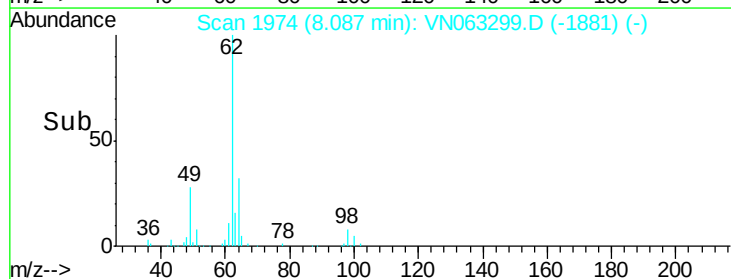
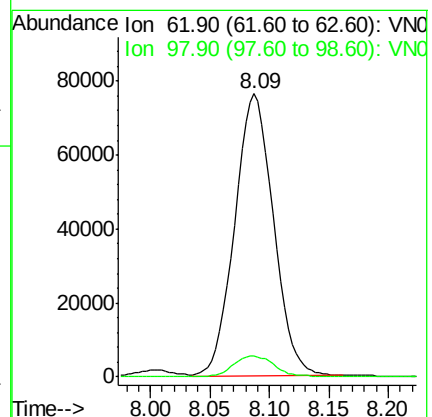
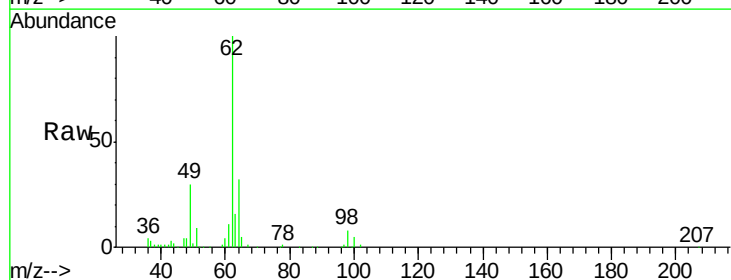
Manual Integrations
APPROVED

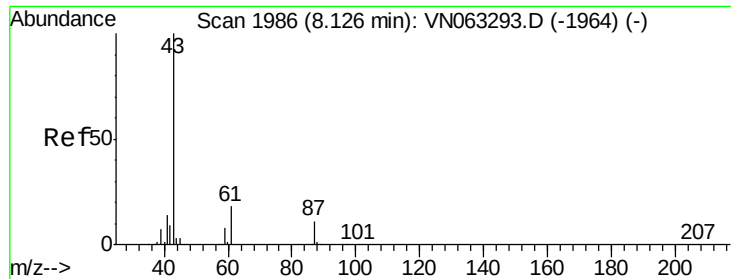
MMDadoda
9/11/2020 2:02:36 PM



#42
1,2-Dichloroethane
Concen: 18.276 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.4





#43

Isopropyl Acetate

Concen: 18.475 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

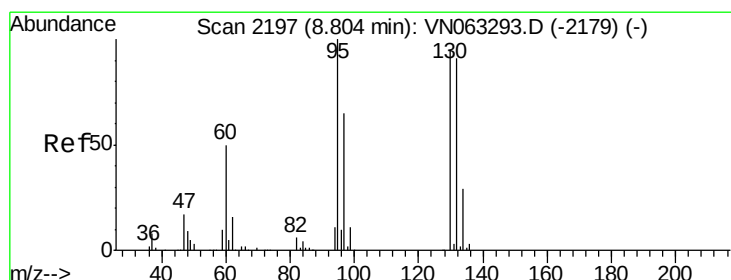
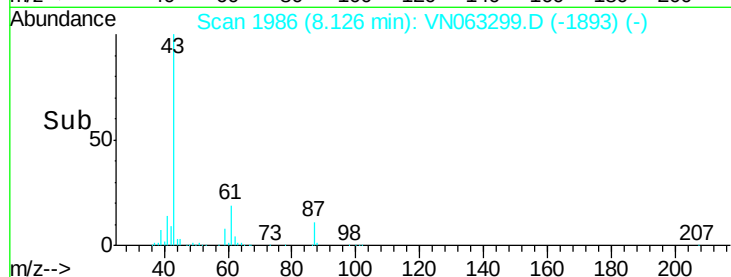
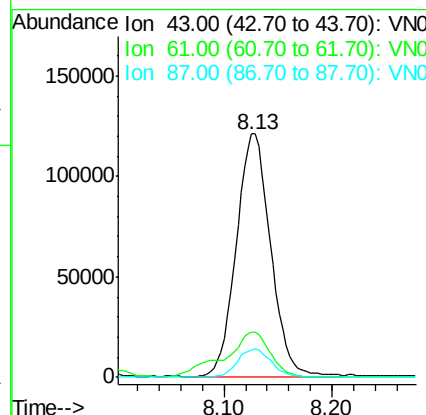
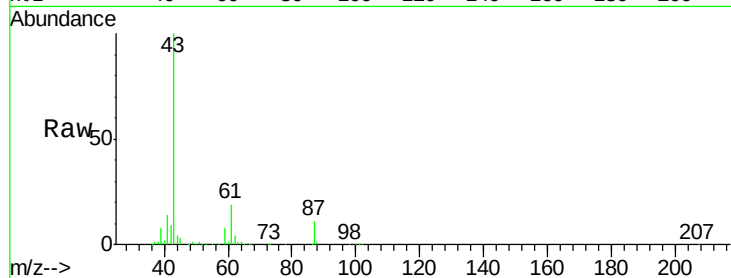
ClientSampleId :

VN0910MBSD01

Tot Ion:	43	Resp:	267791
Ion	Ratio	Lower	Upper
43	100		
61	24.2	15.1	22.7#
87	11.6	9.2	13.8

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#44

Trichloroethene

Concen: 18.201 ug/l

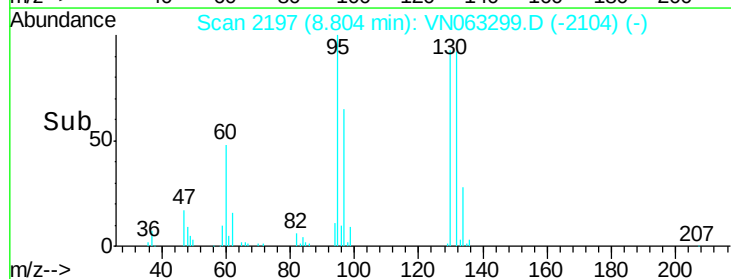
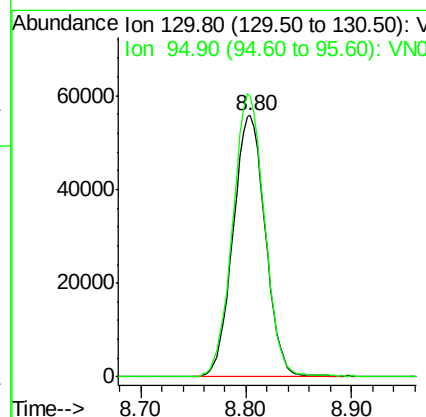
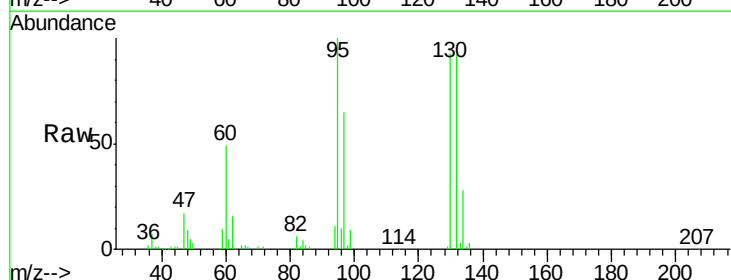
RT: 8.80 min Scan# 2197

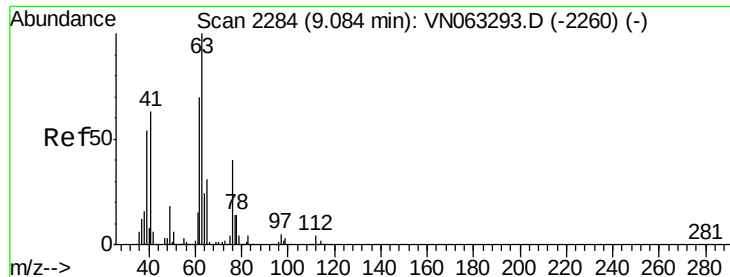
Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion:	130	Resp:	118274
Ion	Ratio	Lower	Upper
130	100		
95	107.7	0.0	210.8





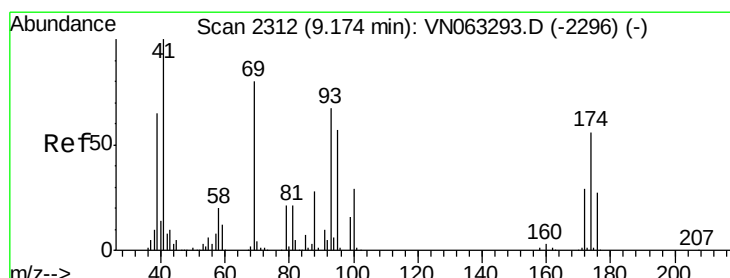
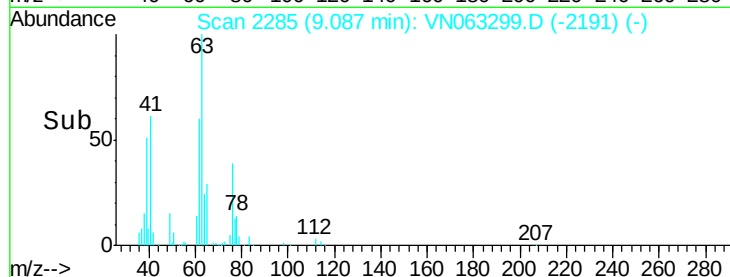
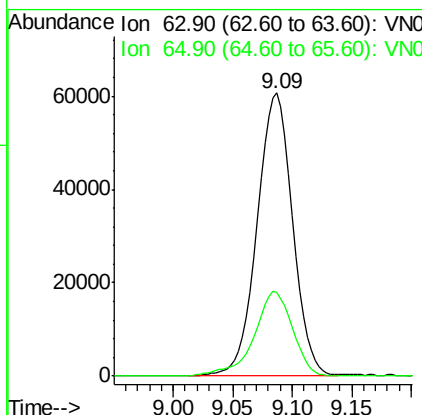
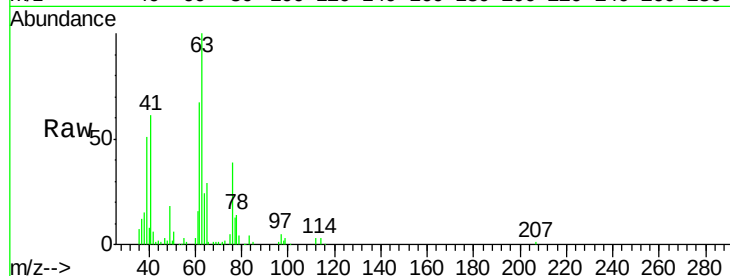
#45
 1,2-Dichloropropane
 Concen: 18.376 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampled :
 VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.6	36.8

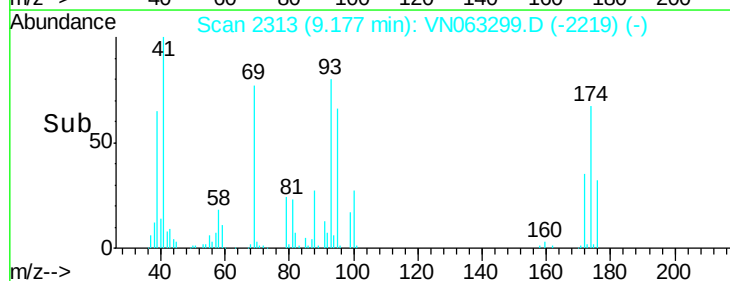
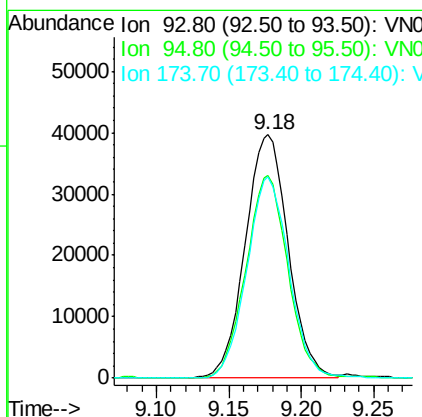
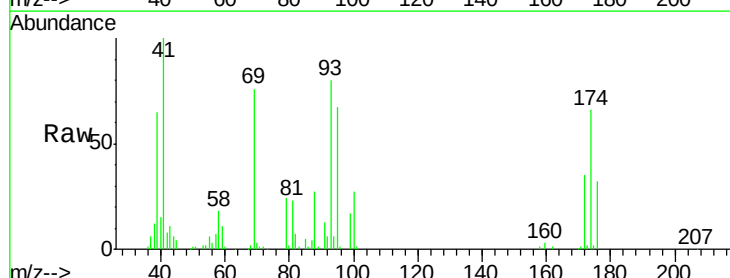
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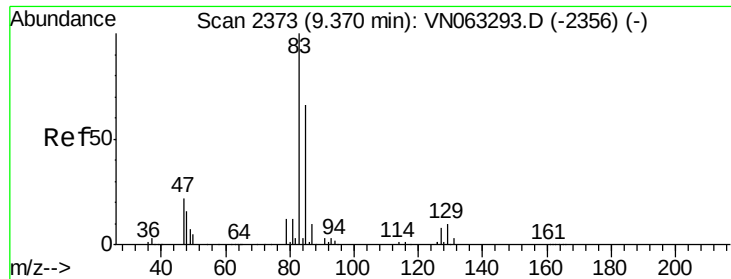
MMDadoda
 9/11/2020 2:02:36 PM



#46
 Dibromomethane
 Concen: 18.530 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	67.9	101.9
174	81.0	66.9	100.3





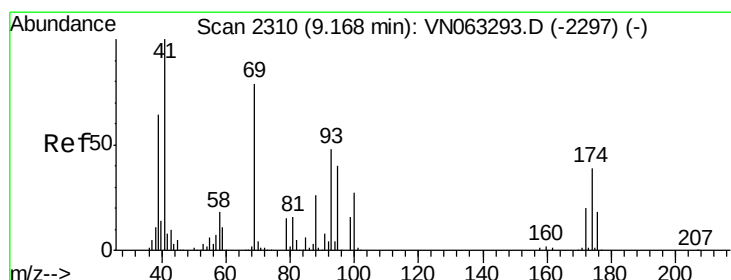
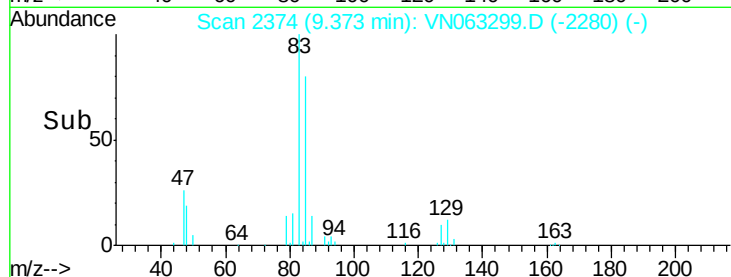
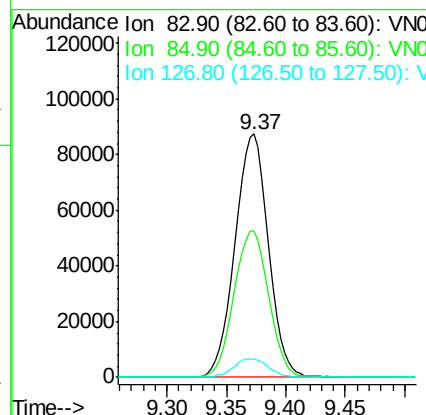
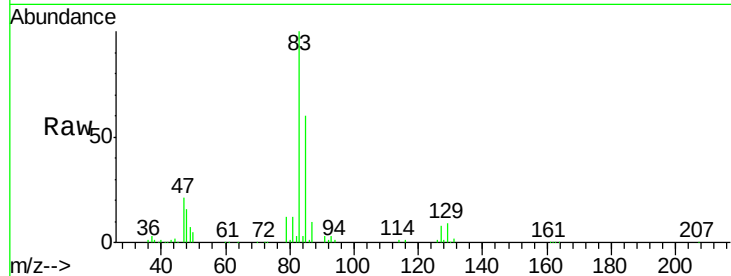
#47
Bromodichloromethane
Concen: 18.480 ug/l
RT: 9.37 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.5	78.7
127	7.6	6.6	10.0

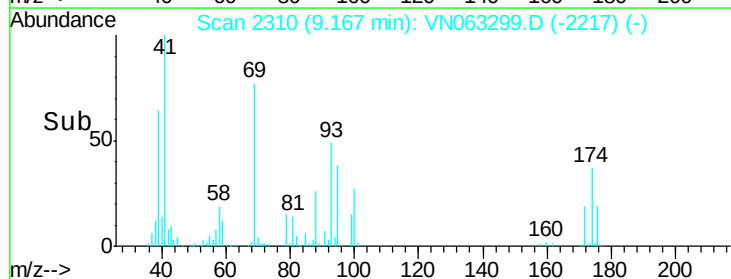
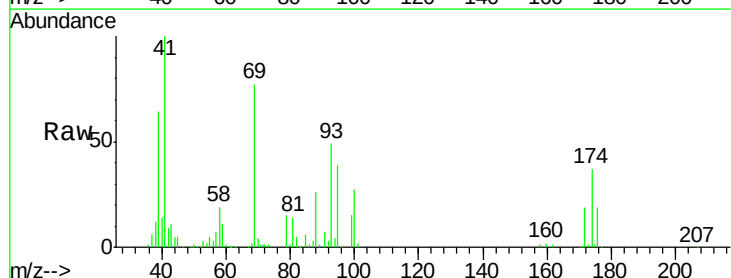
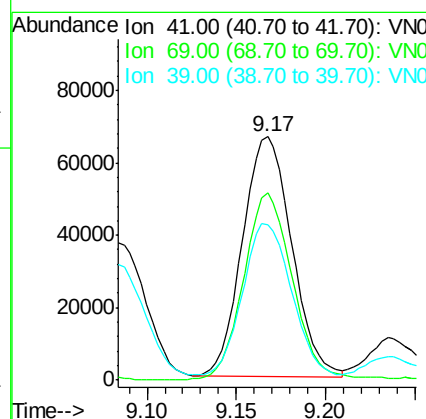
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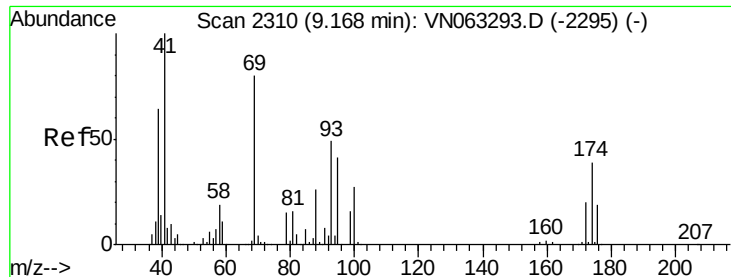
MMDadoda
9/11/2020 2:02:36 PM



#48
Methyl methacrylate
Concen: 18.447 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.8	63.6	95.4
39	62.7	53.2	79.8





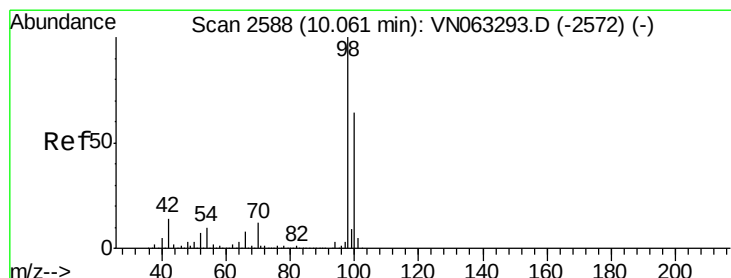
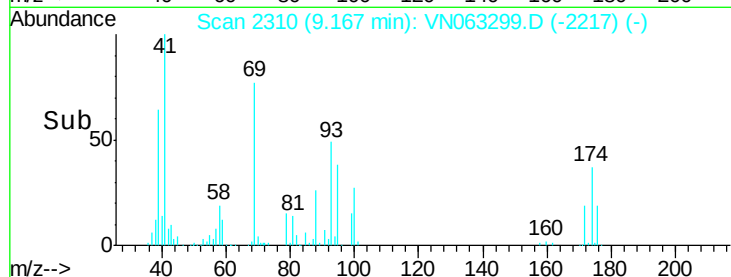
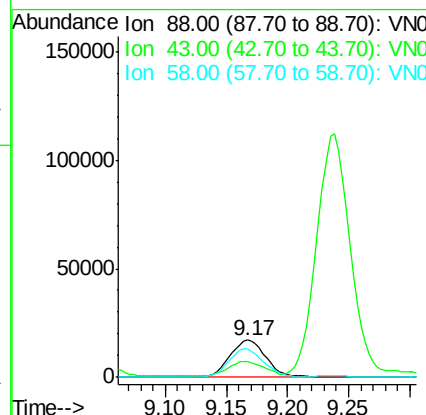
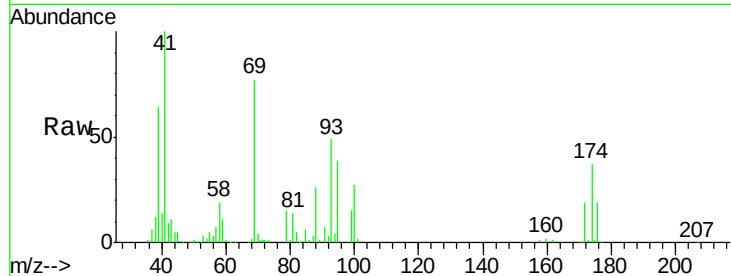
#49
1,4-Dioxane
Concen: 335.813 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	39.3	30.5	45.7	
58	73.4	58.9	88.3	

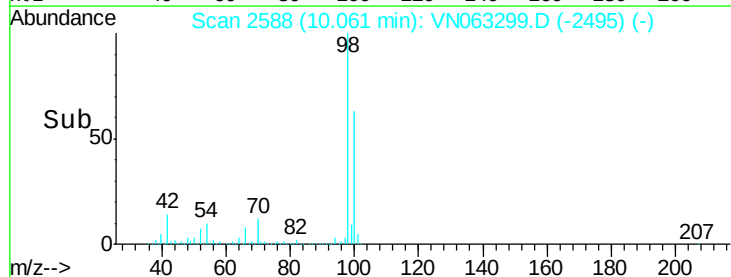
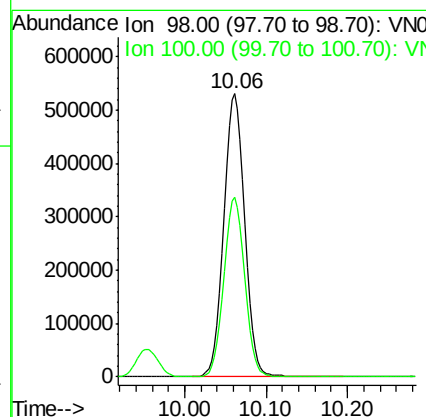
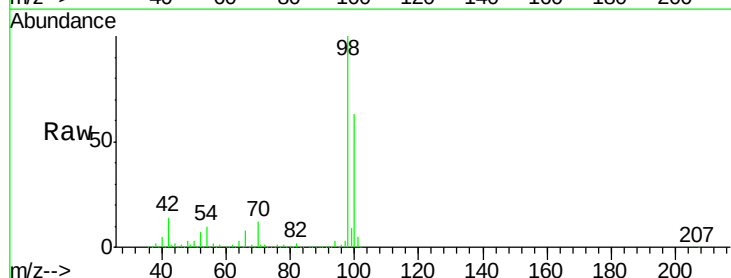
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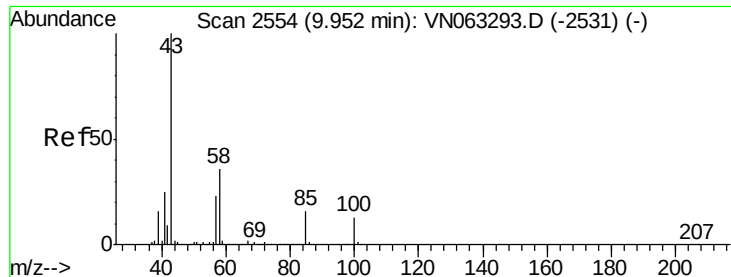
MMDadoda
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#50
Toluene-d8
Concen: 46.327 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

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





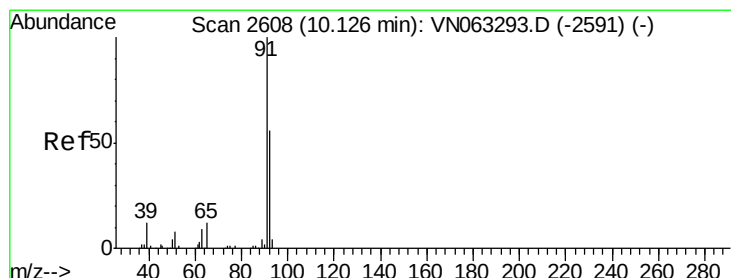
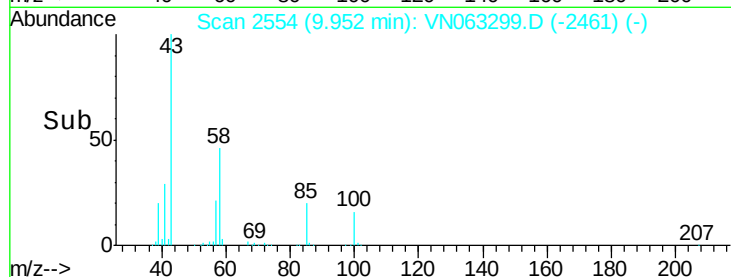
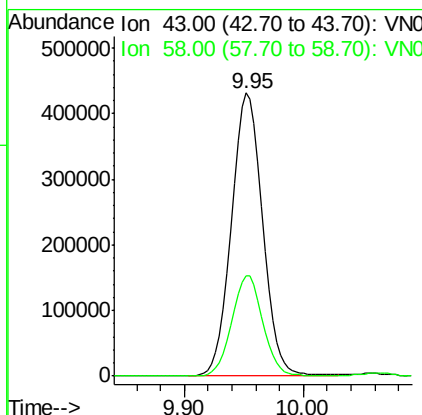
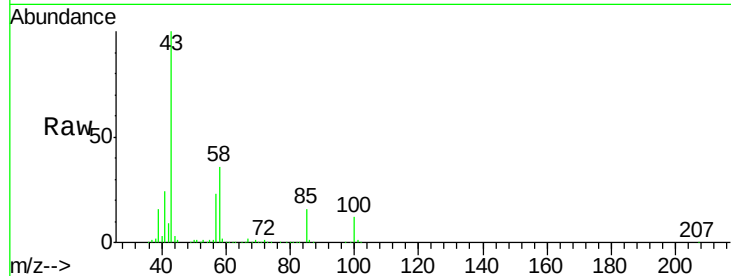
#51
4-Methyl-2-Pentanone
Concen: 97.871 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.5	29.0	43.4

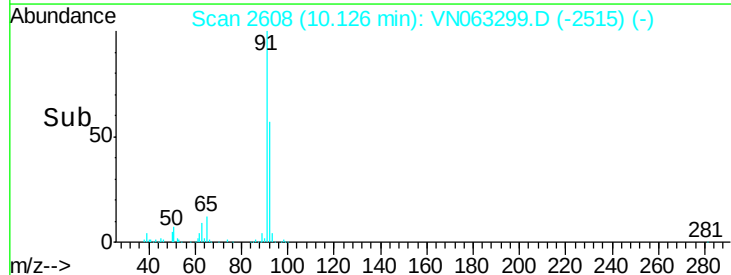
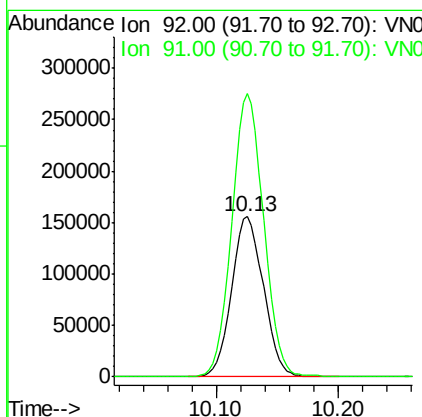
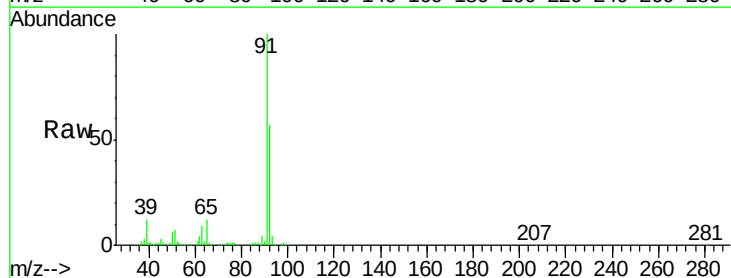
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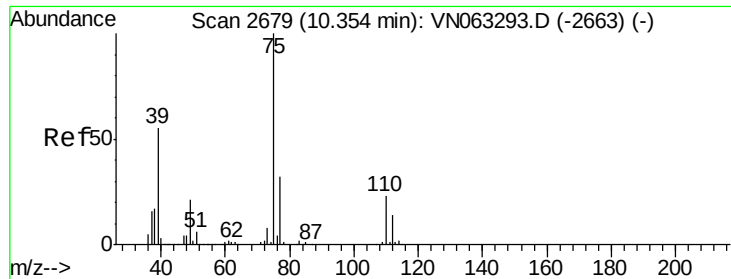
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#52
Toluene
Concen: 18.638 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.8	141.2	211.8





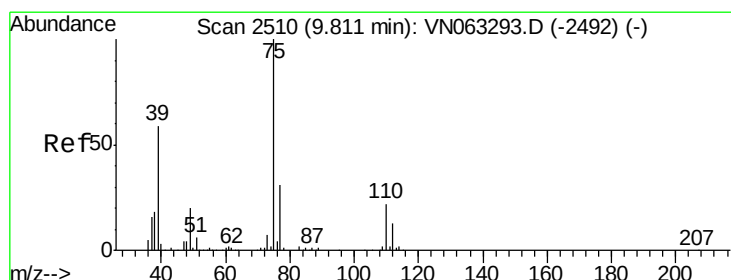
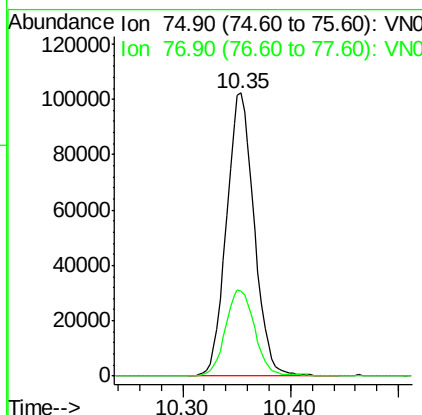
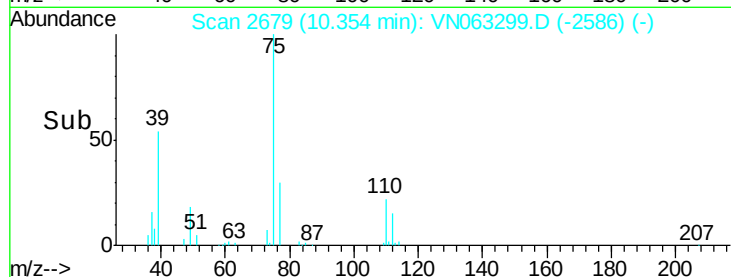
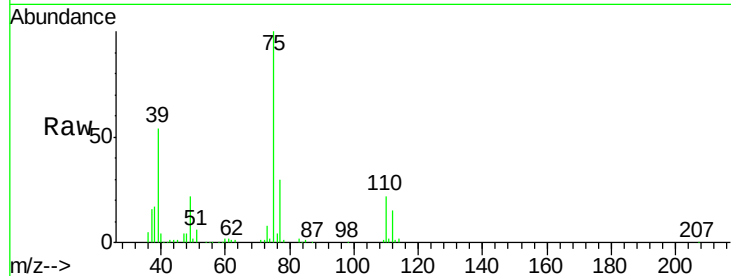
#53
t-1,3-Dichloropropene
Concen: 18.229 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion: 75 Resp: 183093
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5

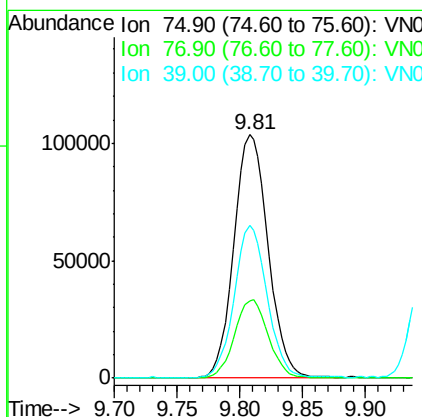
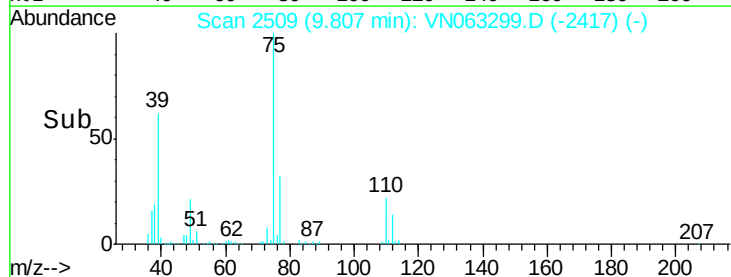
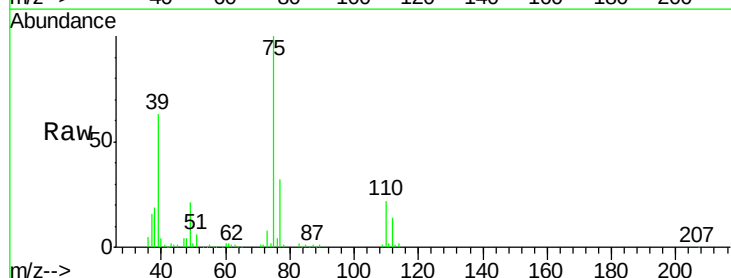
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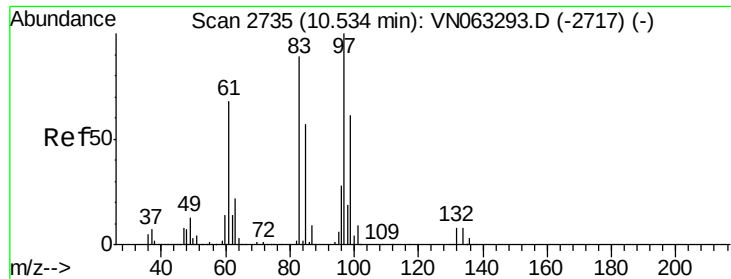
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#54
cis-1,3-Dichloropropene
Concen: 18.195 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion: 75 Resp: 196765
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1
39 62.4 47.2 70.8





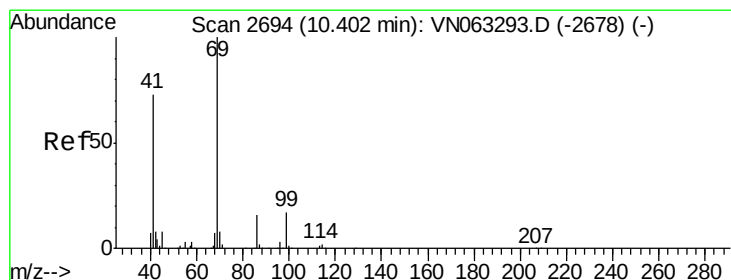
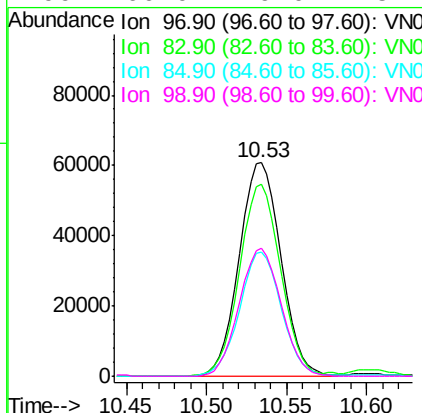
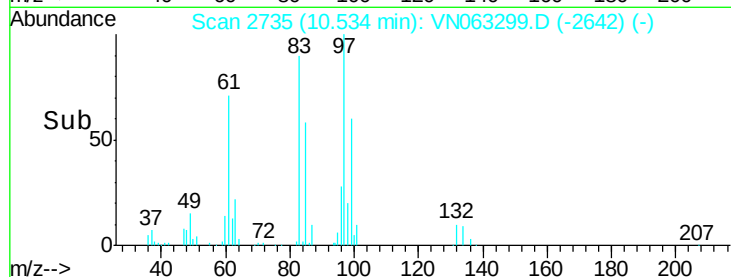
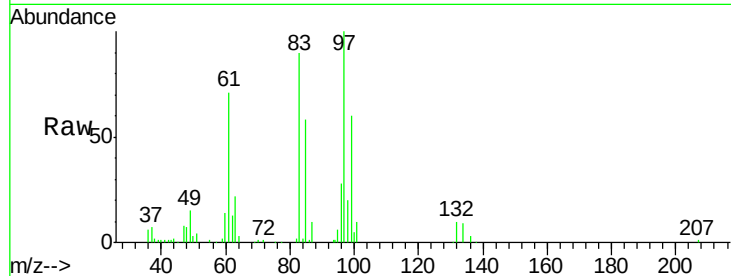
#55
 1,1,2-Trichloroethane
 Concen: 18.308 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Tot Ion:	97	Resp:	108840
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.8	106.2
85	58.0	45.6	68.4
99	60.0	49.0	73.4

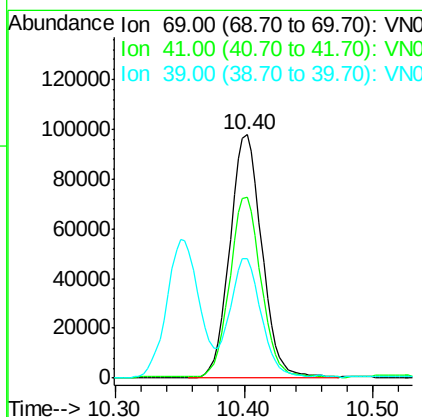
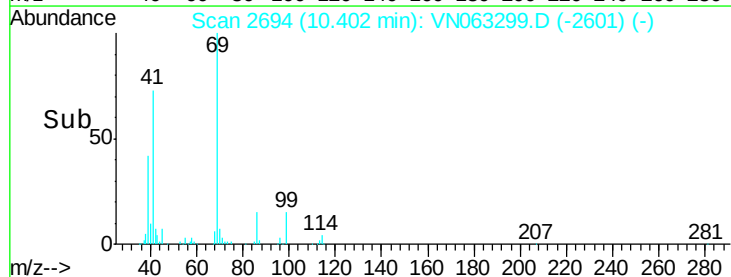
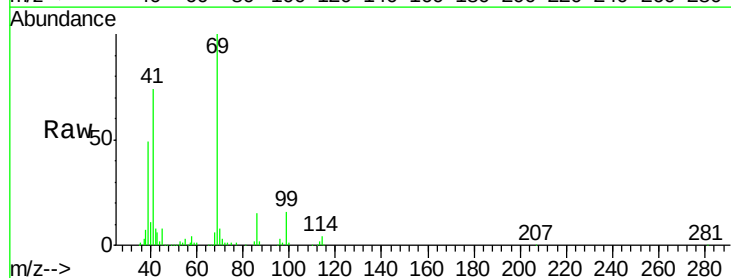
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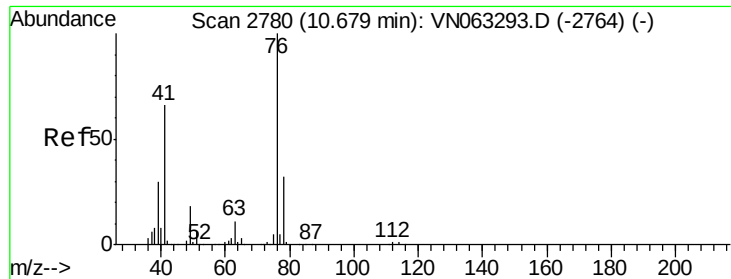
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 18.757 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion:	69	Resp:	169572
Ion	Ratio	Lower	Upper
69	100		
41	72.4	58.4	87.6
39	45.8	38.6	58.0





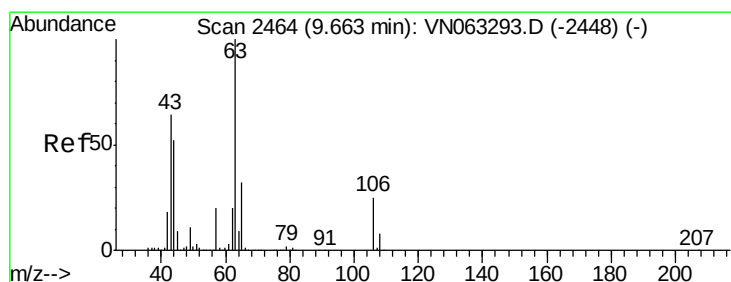
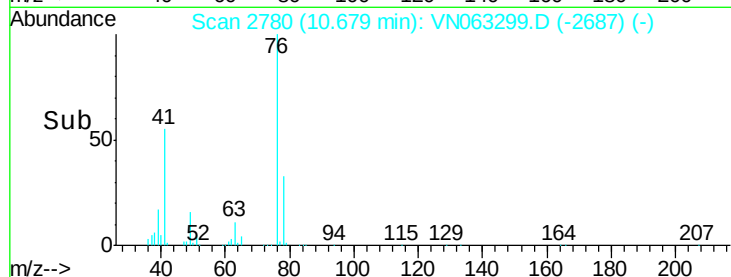
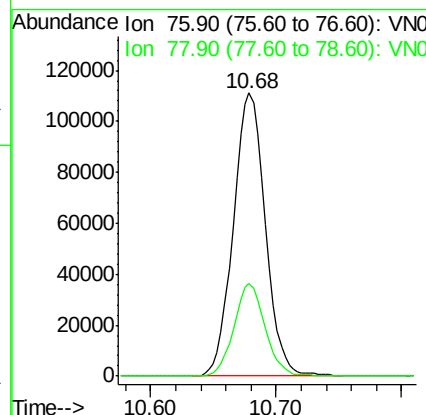
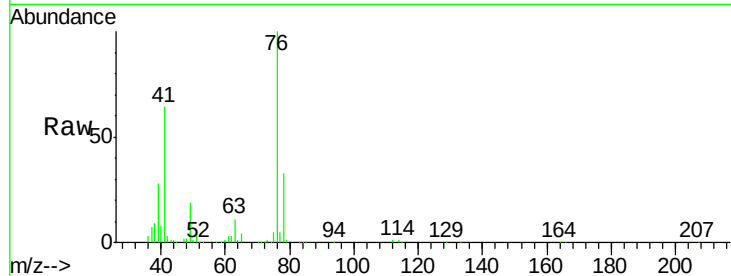
#57
 1,3-Dichloropropane
 Concen: 18.918 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

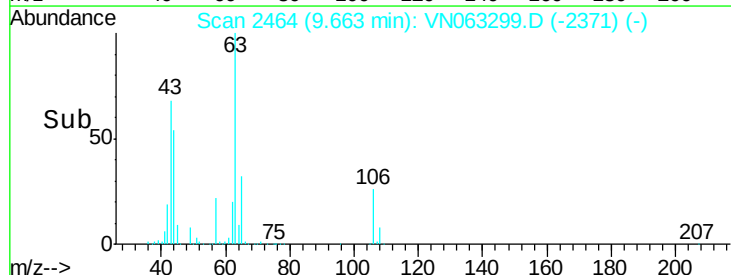
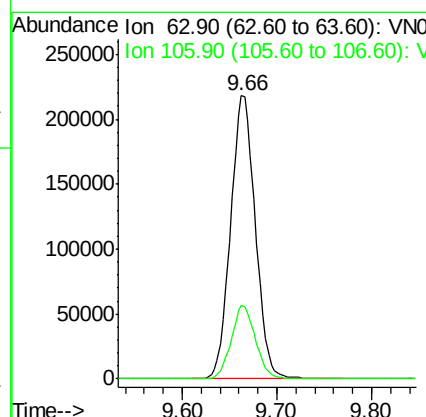
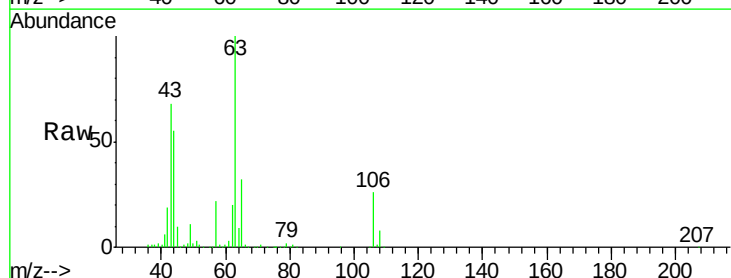
Manual Integrations
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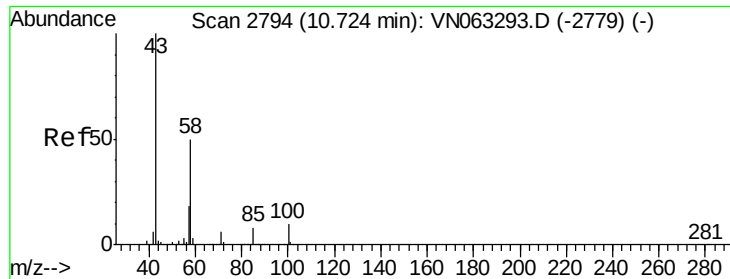
MMDadoda
 9/11/2020 2:02:36 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.810 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.4	20.2	30.4





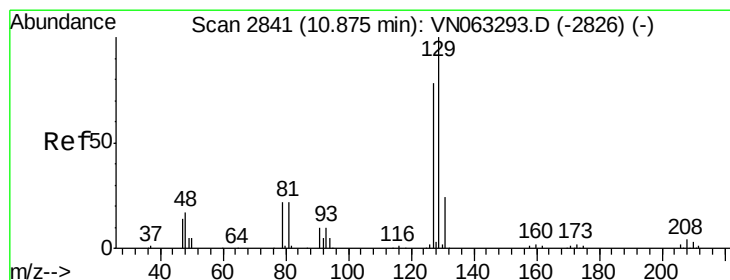
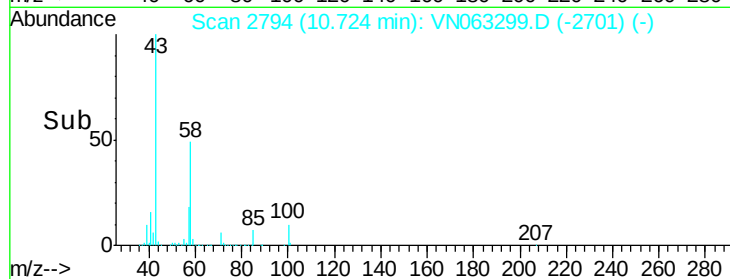
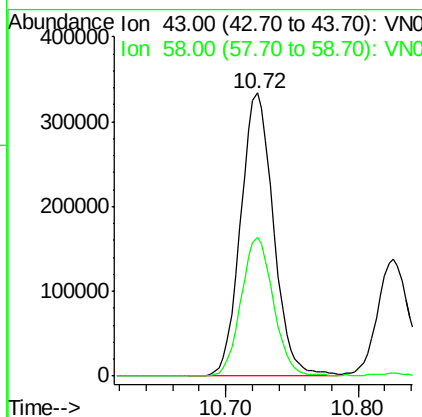
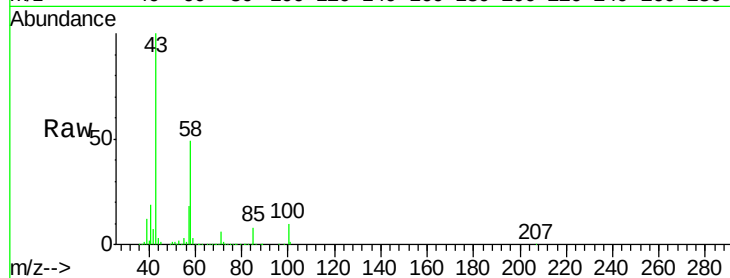
#59
2-Hexanone
Concen: 96.870 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.5	25.1	75.3

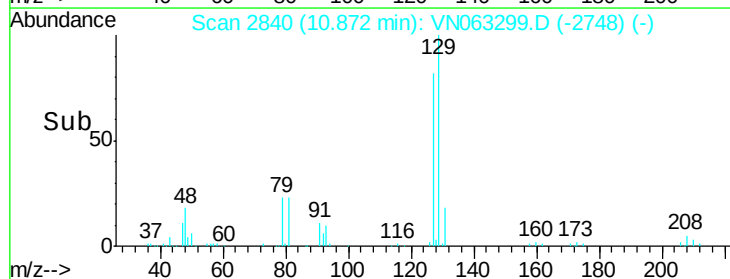
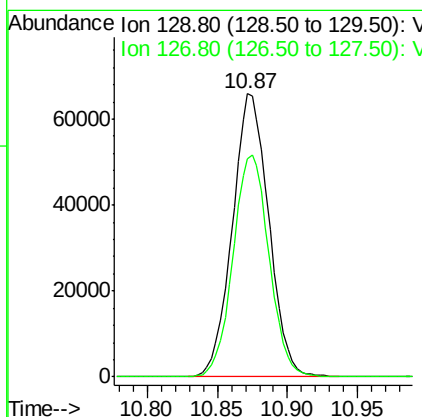
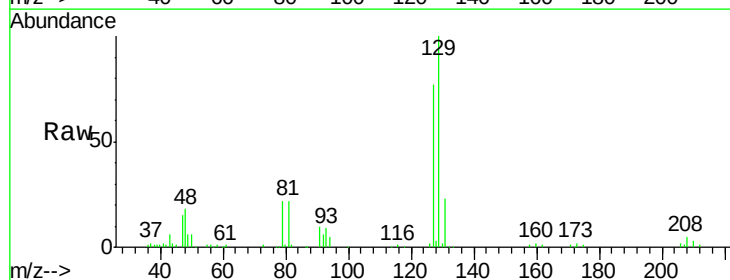
Manual Integrations
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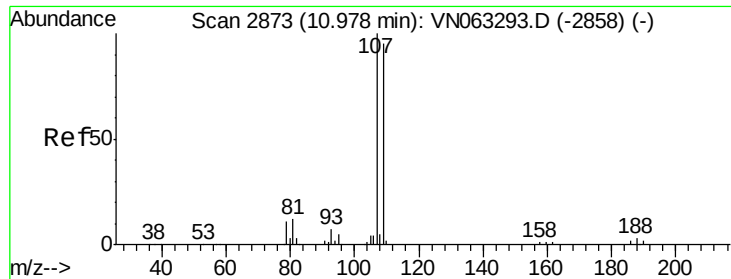
MMDadoda
9/11/2020 2:02:36 PM



#60
Dibromochloromethane
Concen: 18.252 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.0	117.0





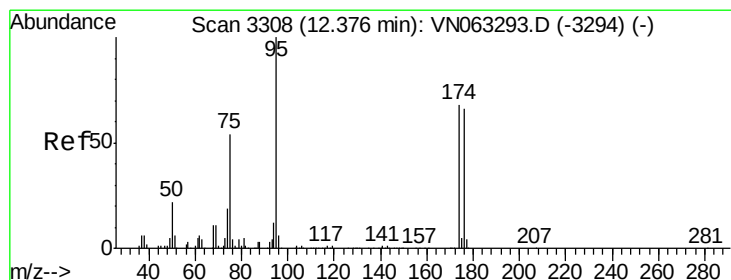
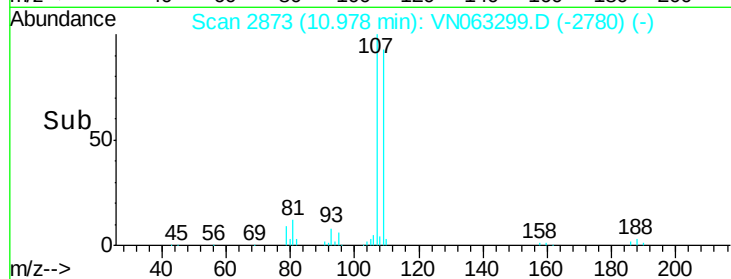
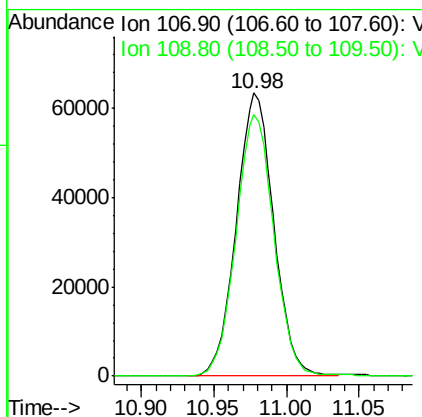
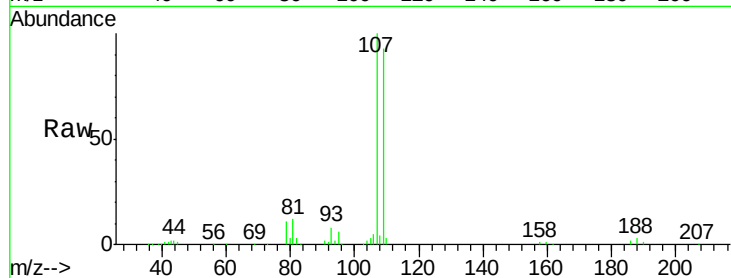
#61
 1,2-Dibromoethane
 Concen: 18.304 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.5	113.3

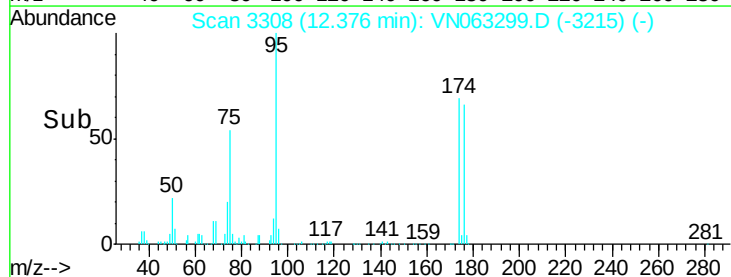
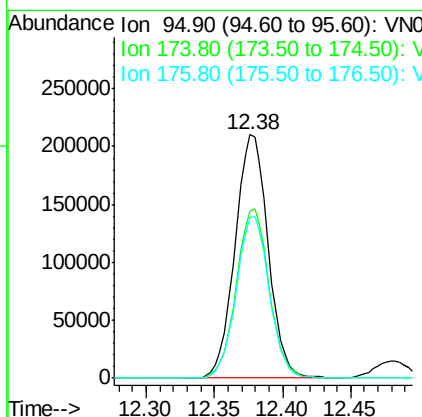
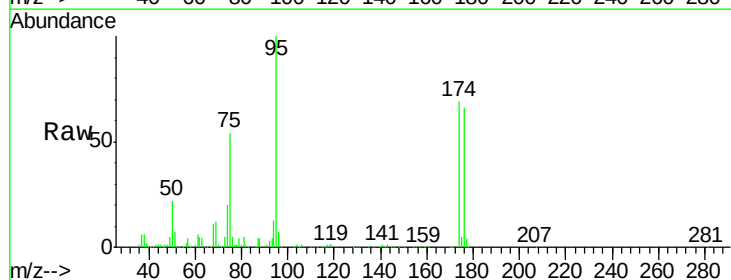
Manual Integrations
 APPROVED

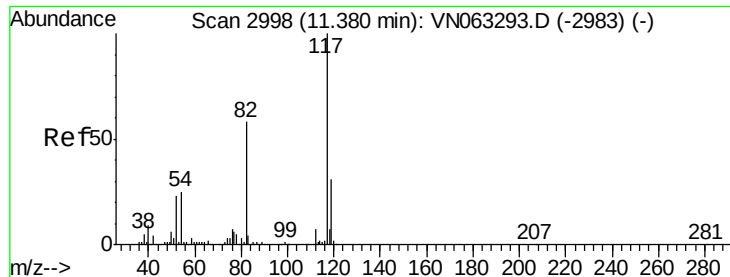
MMDadoda
 9/11/2020 2:02:36 PM



#62
 4-Bromofluorobenzene
 Concen: 45.732 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	136.6
176	66.0	0.0	132.8





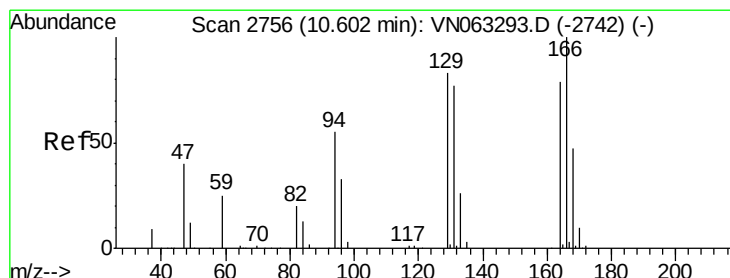
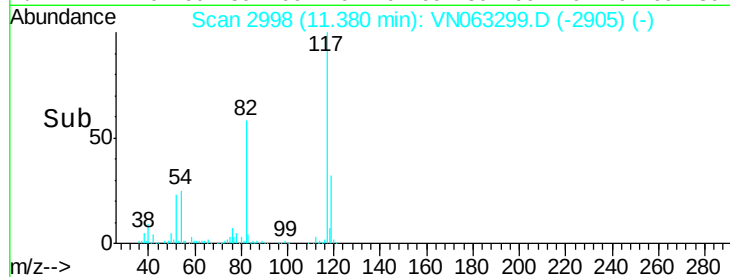
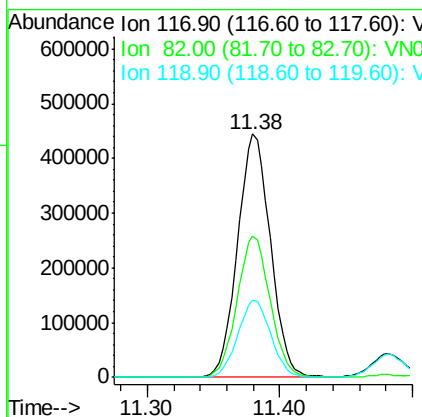
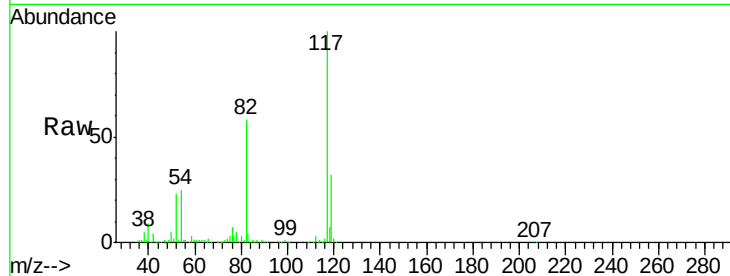
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.4	69.6
119	31.7	24.8	37.2

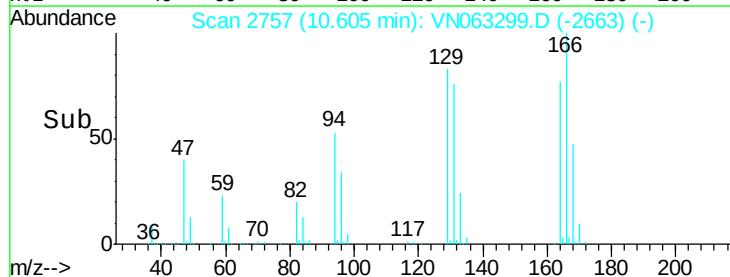
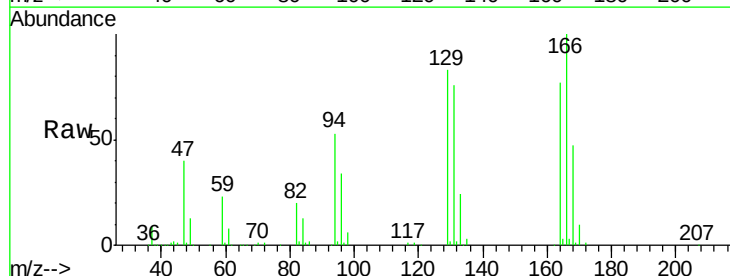
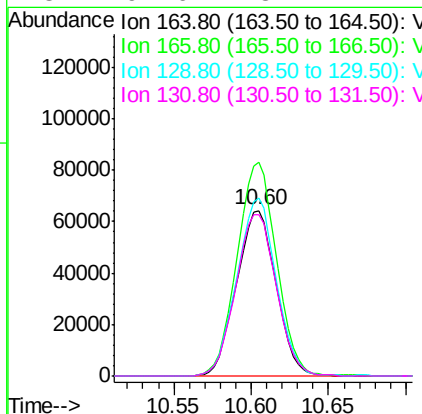
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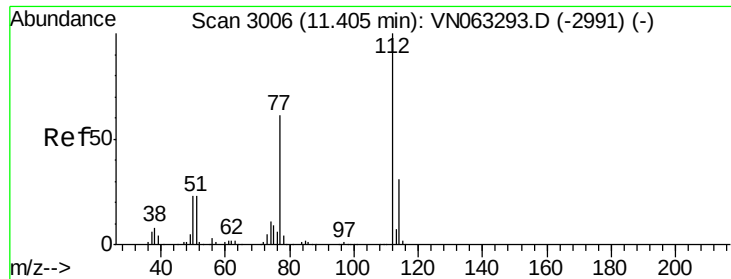
MMDadoda
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#64
Tetrachloroethene
Concen: 18.231 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.3	151.9
129	107.6	83.7	125.5
131	97.6	78.2	117.4





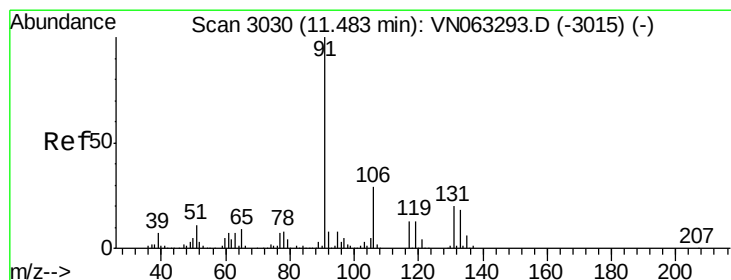
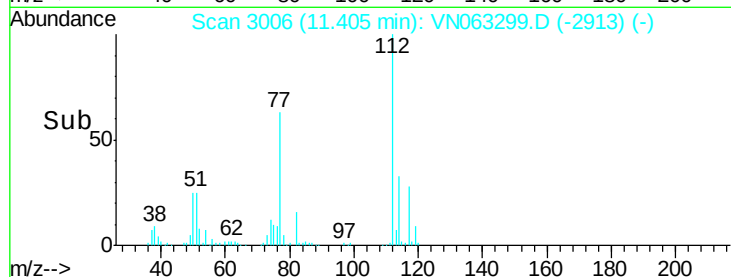
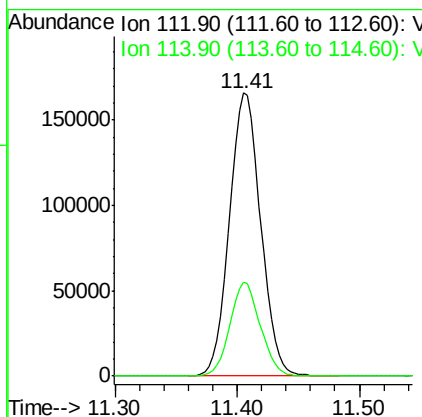
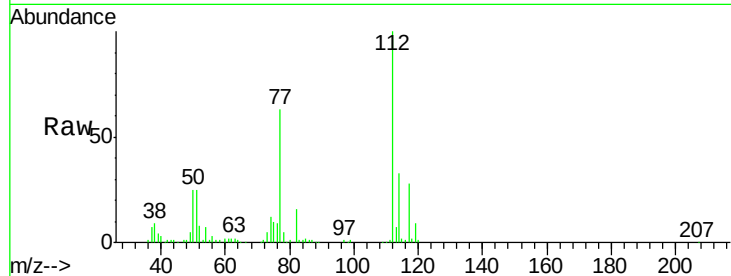
#65
Chlorobenzene
Concen: 17.987 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	24.6	36.8

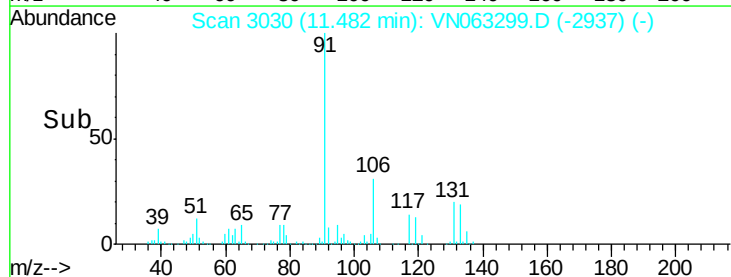
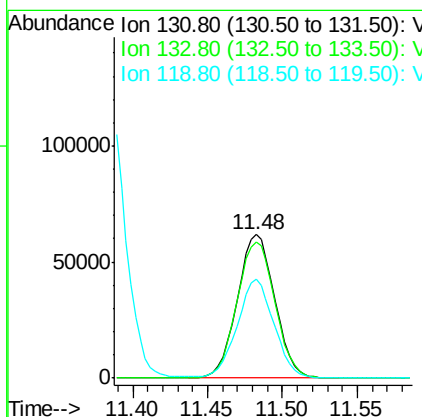
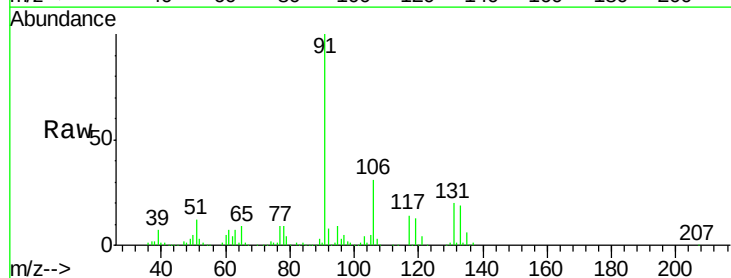
Manual Integrations
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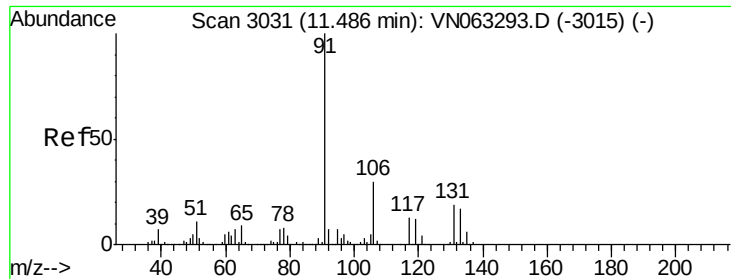
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.932 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.4	142.2
119	67.1	33.8	101.3





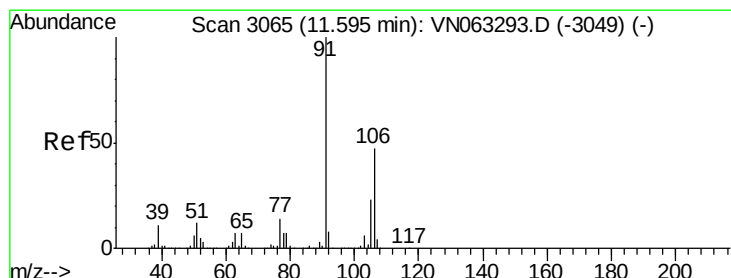
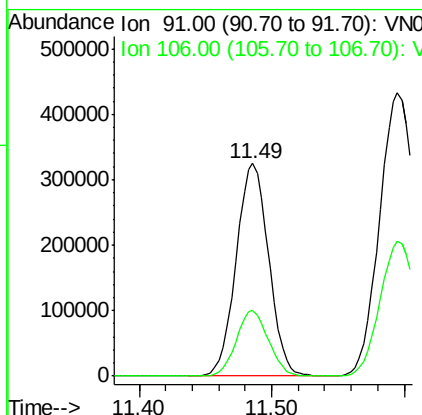
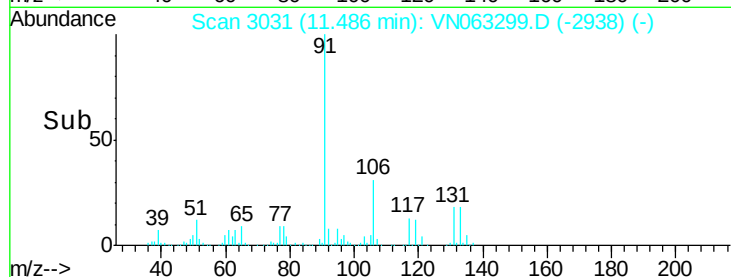
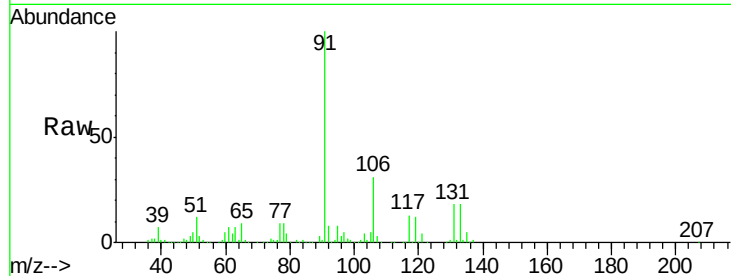
#67
Ethyl Benzene
Concen: 18.723 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion: 91 Resp: 553854
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6

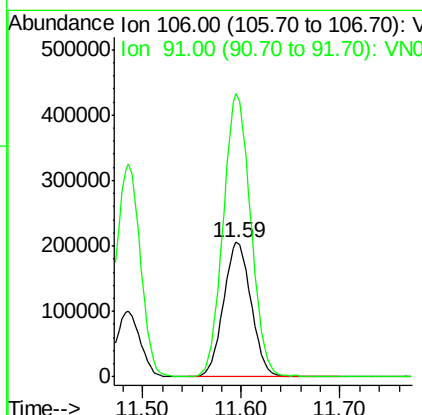
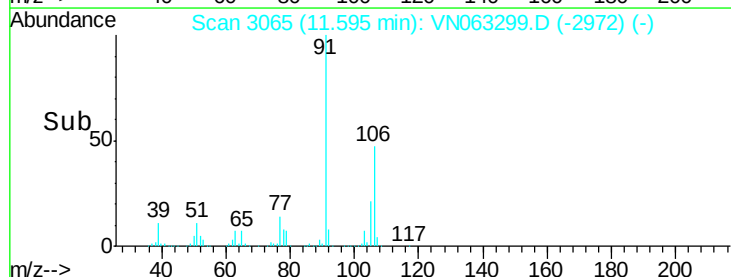
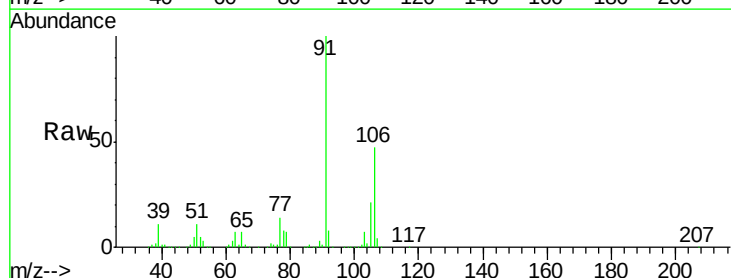
Manual Integrations
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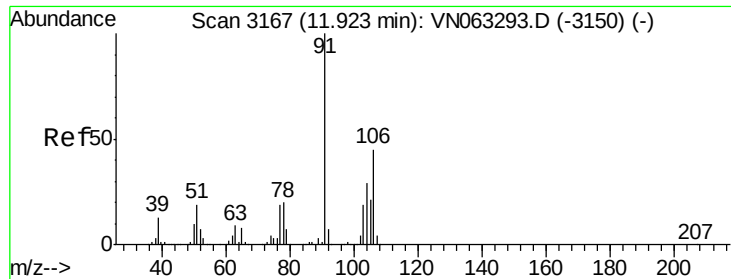
MMDadoda
9/11/2020 2:02:36 PM



#68
m/p-Xylenes
Concen: 36.751 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion: 106 Resp: 402148
Ion Ratio Lower Upper
106 100
91 210.3 169.8 254.8





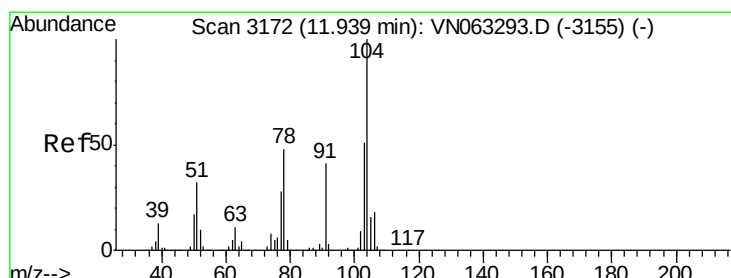
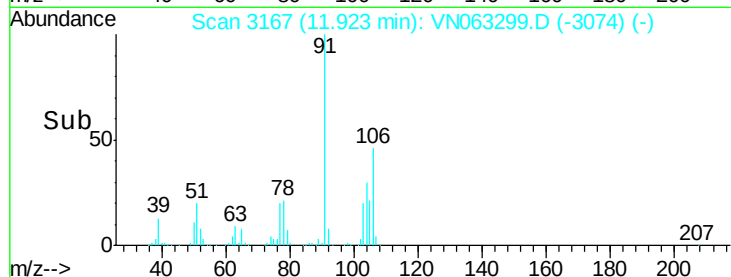
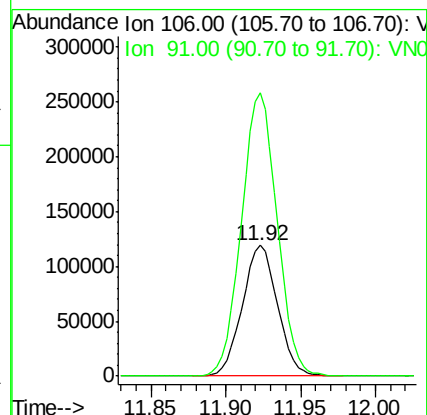
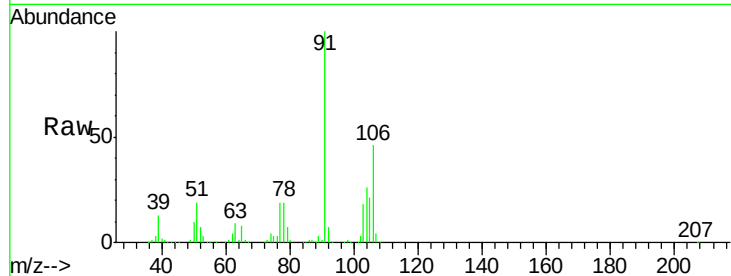
#69
o-Xylene
Concen: 18.562 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	194921		
91	219.6	111.5	334.4		

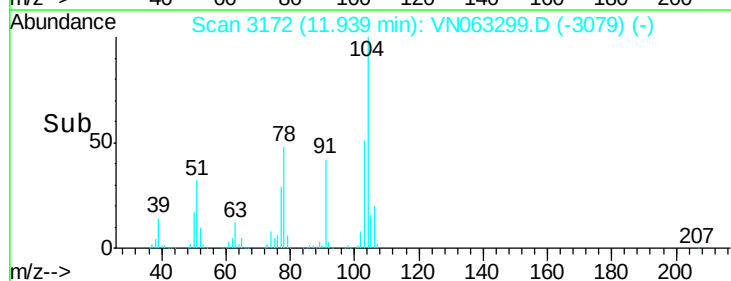
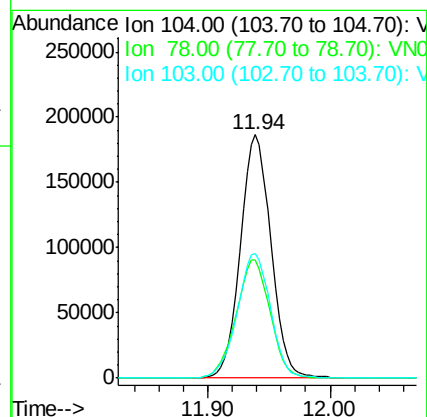
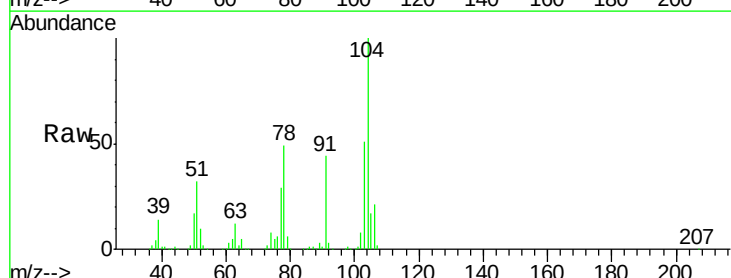
Manual Integrations
APPROVED

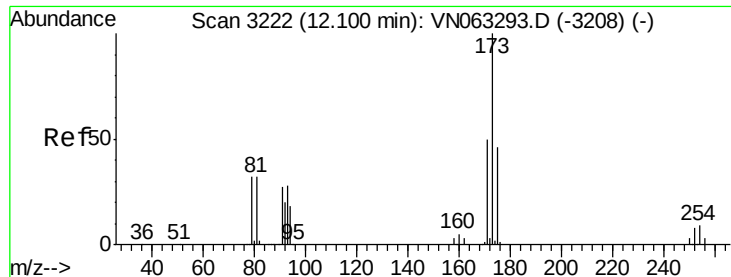
MMDadoda
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#70
Styrene
Concen: 18.499 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	322871		
78	54.3	42.9	64.3		
103	56.2	44.2	66.2		





#71

Bromoform

Concen: 18.338 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

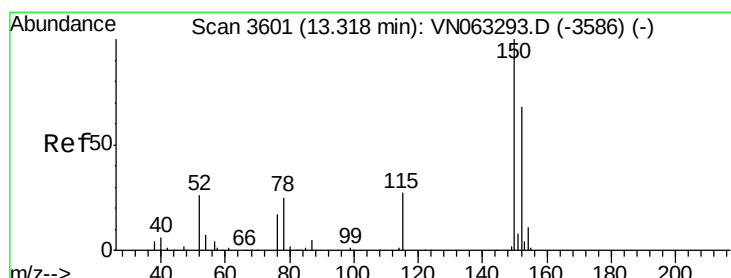
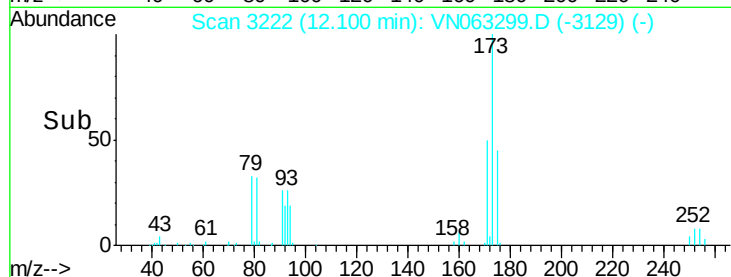
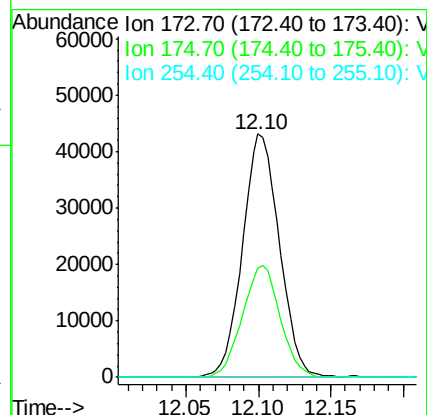
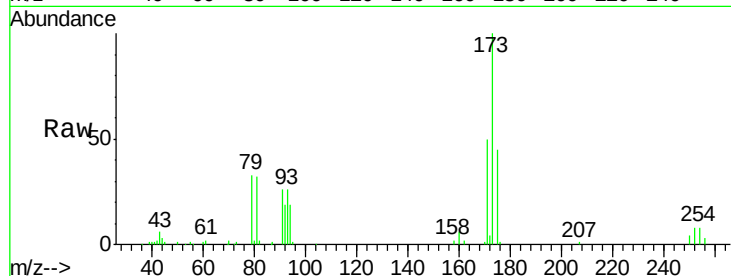
ClientSampleId :

VN0910MBSD01

Tot Ion:173	Resp:	76146
Ion Ratio	Lower	Upper
173 100		
175 46.9	23.8	71.5
254 0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

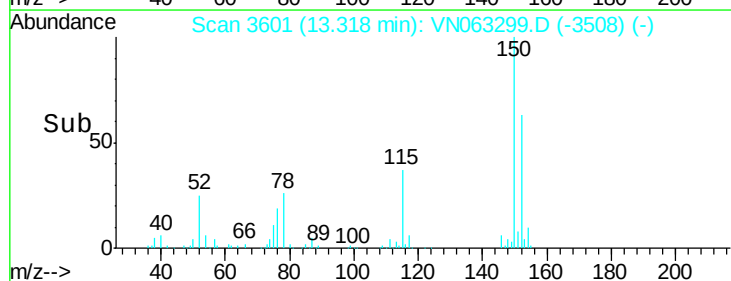
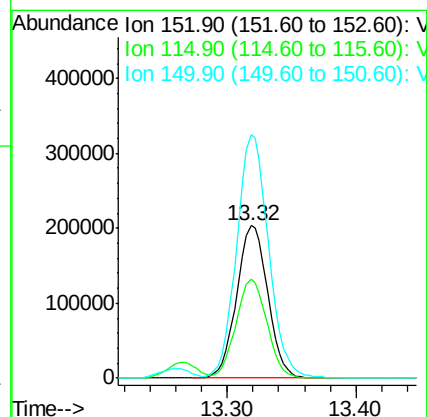
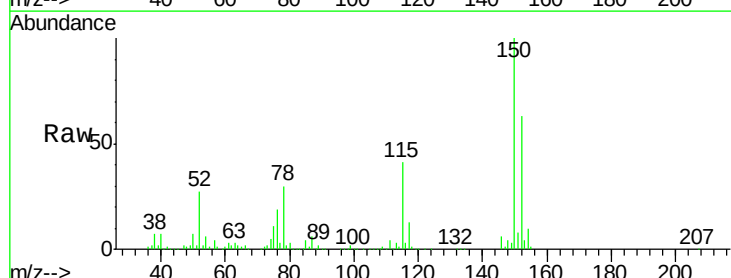
RT: 13.32 min Scan# 3601

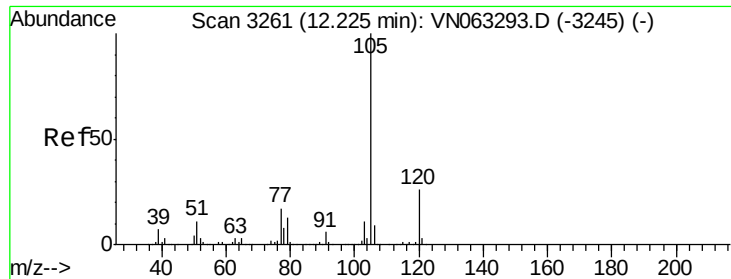
Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion:152	Resp:	342062
Ion Ratio	Lower	Upper
152 100		
115 64.0	31.5	94.5
150 162.9	0.0	344.0





#73

Isopropylbenzene

Concen: 19.037 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampled :

VN0910MBSD01

Tot Ion:105 Resp: 525257

Ion Ratio Lower Upper

105 100

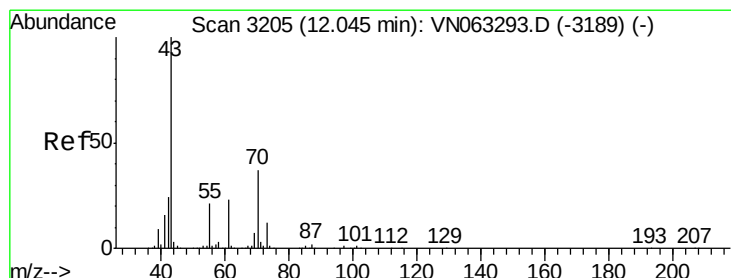
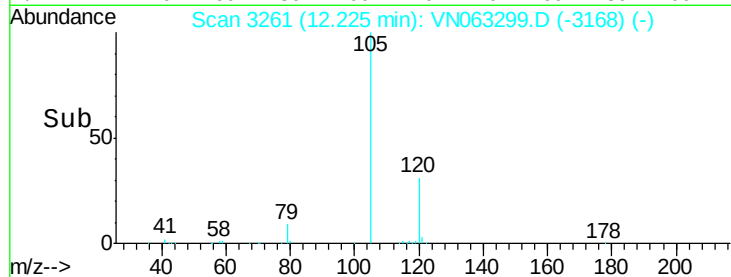
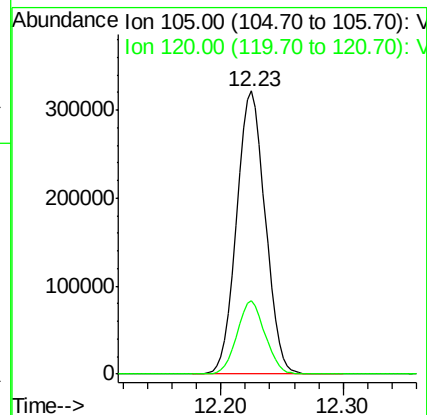
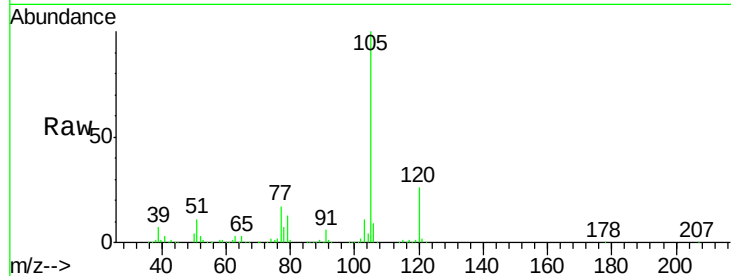
120 25.5 13.0 38.9

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#74

N-ethyl acetate

Concen: 19.427 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion: 43 Resp: 220062

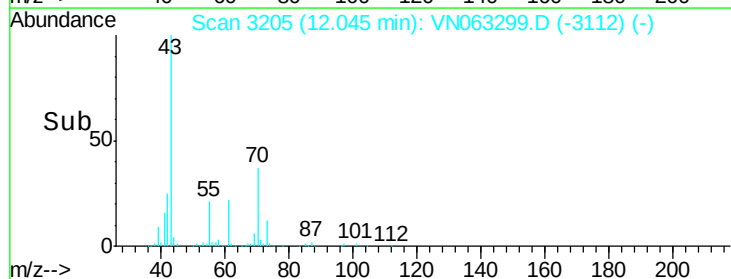
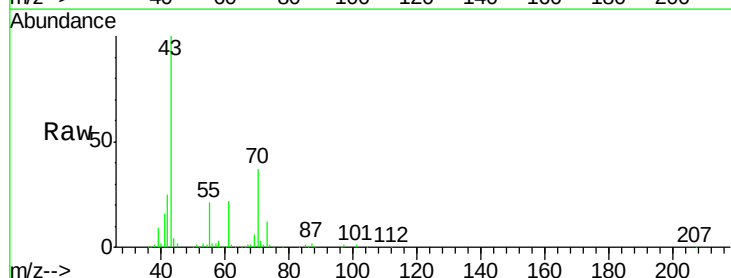
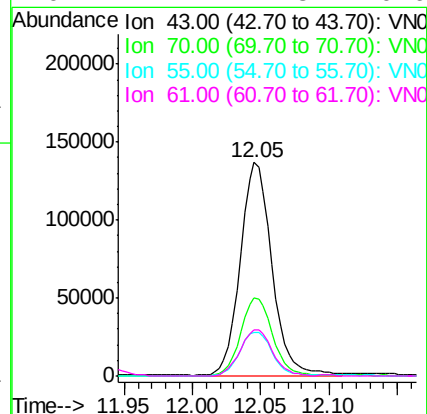
Ion Ratio Lower Upper

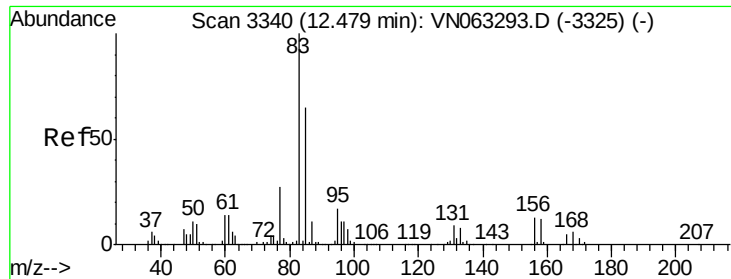
43 100

70 37.7 29.3 43.9

55 21.6 17.0 25.6

61 22.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.995 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

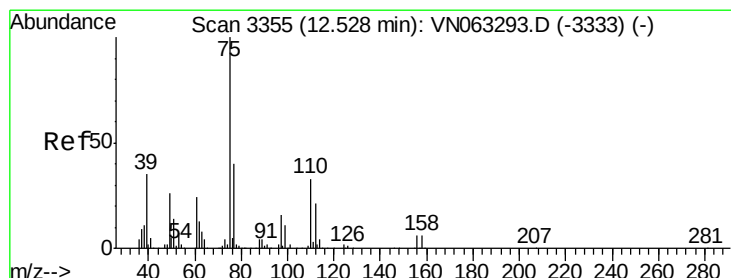
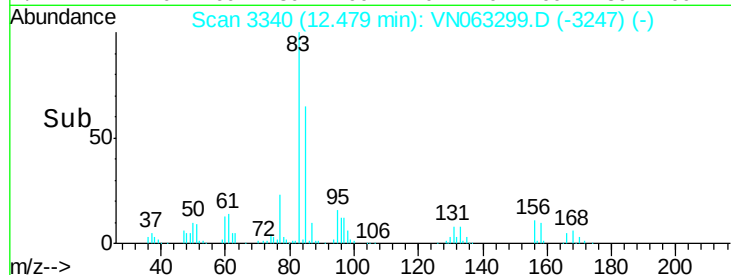
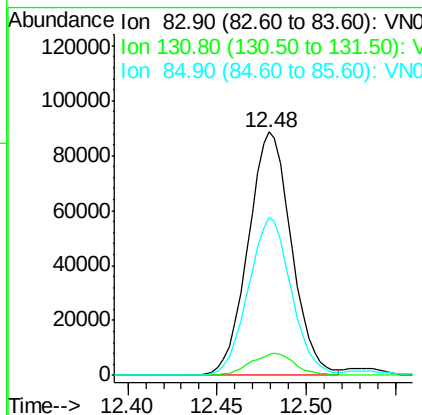
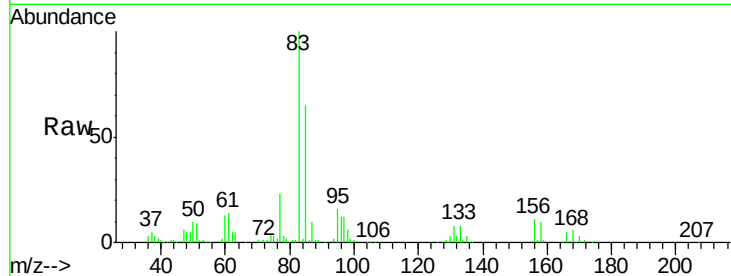
ClientSampleId :

VN0910MBSD01

Tot Ion	83	Resp	150091
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.7	14.1
85	64.4	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.670 ug/l m

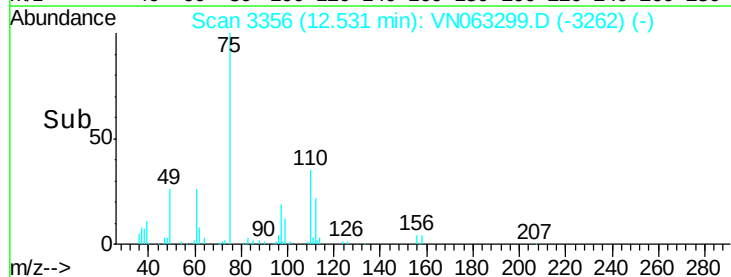
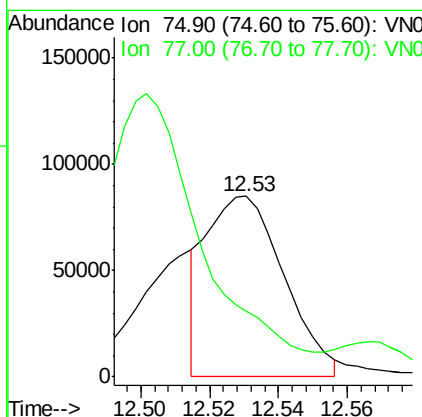
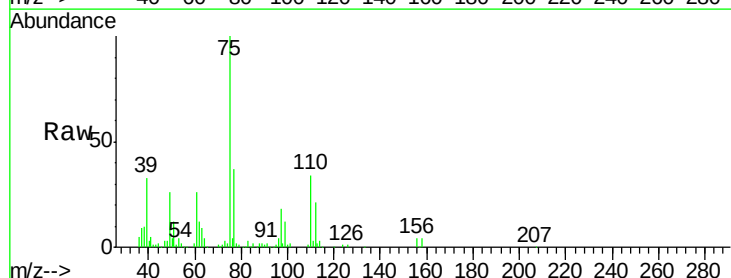
RT: 12.53 min Scan# 3356

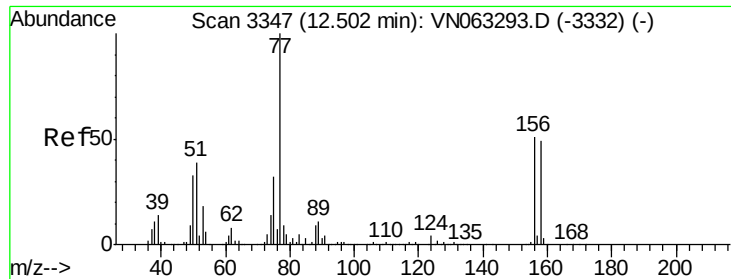
Delta R.T. 0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion	75	Resp	133344
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.615 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

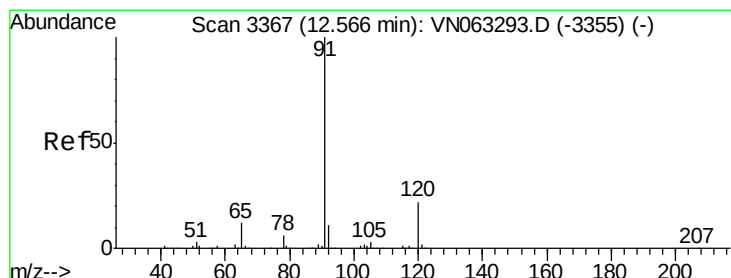
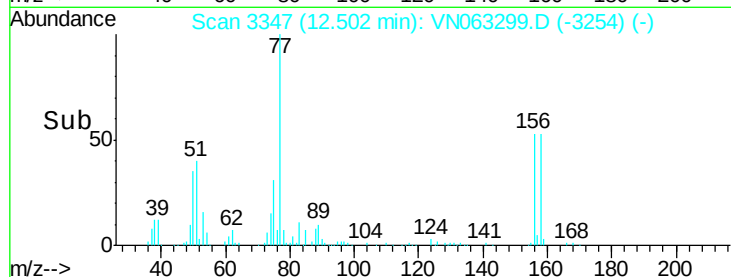
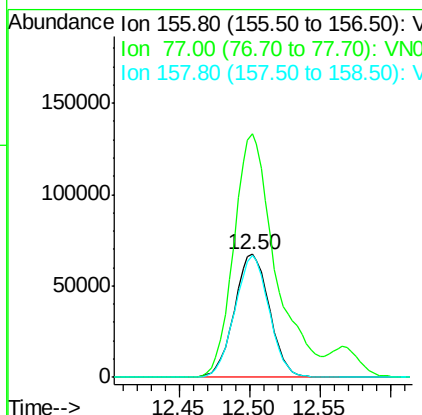
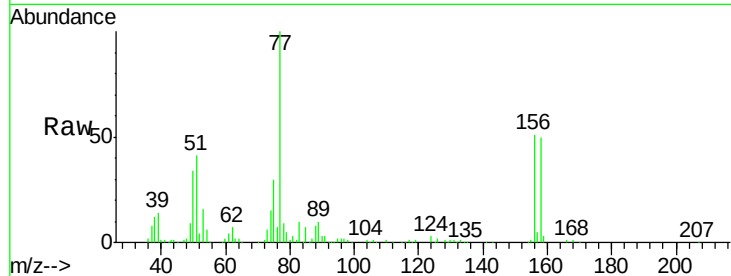
ClientSampleId :

VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	233.6	117.4	352.2
158	96.1	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.173 ug/l

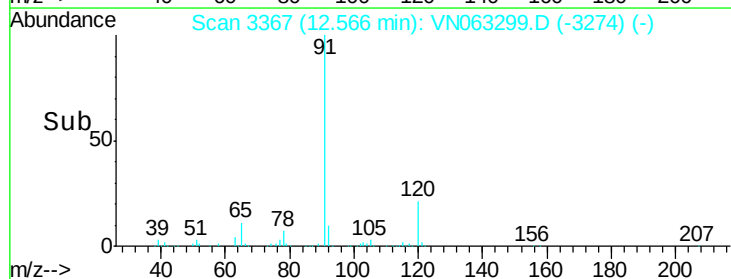
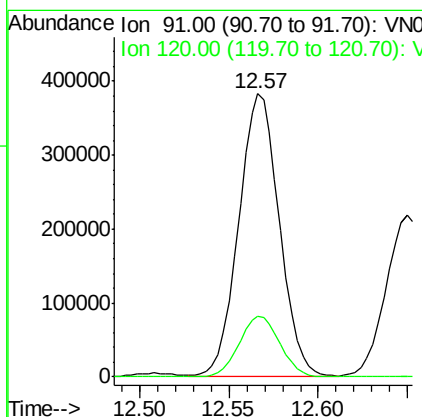
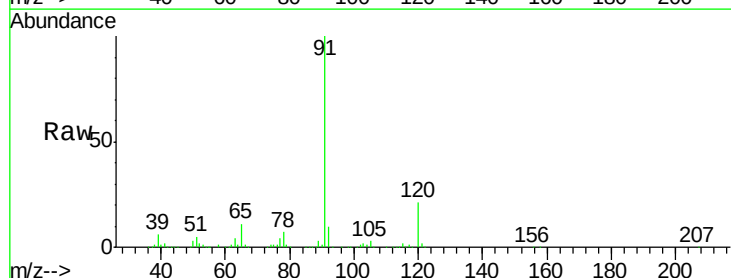
RT: 12.57 min Scan# 3367

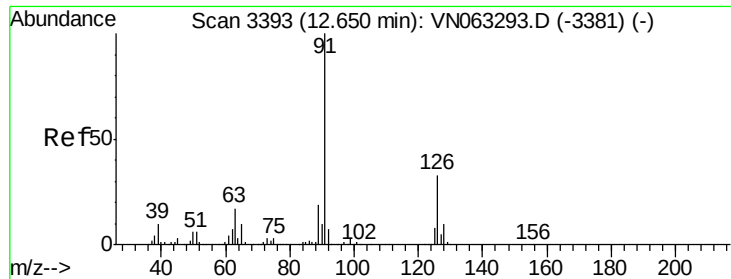
Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.3





#79

2-Chlorotoluene

Concen: 18.741 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampled :

VN0910MBSD01

Tot Ion: 91 Resp: 361184

Ion Ratio Lower Upper

91 100

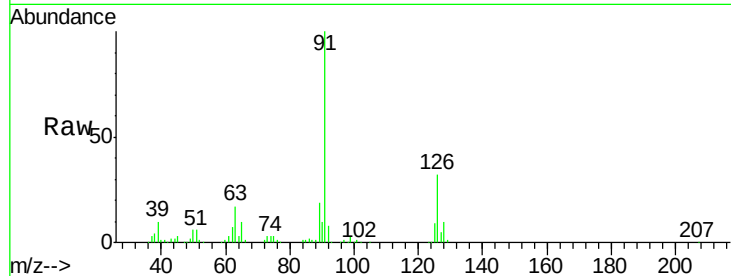
126 31.8 16.3 48.8

Manual Integrations

APPROVED

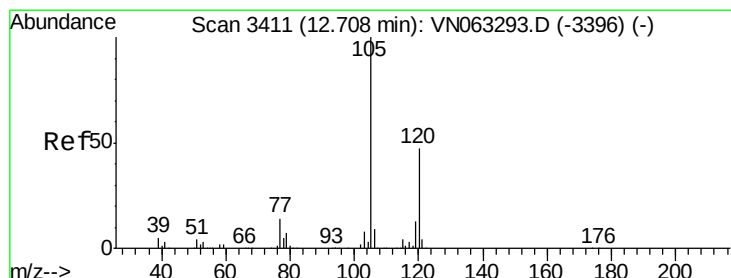
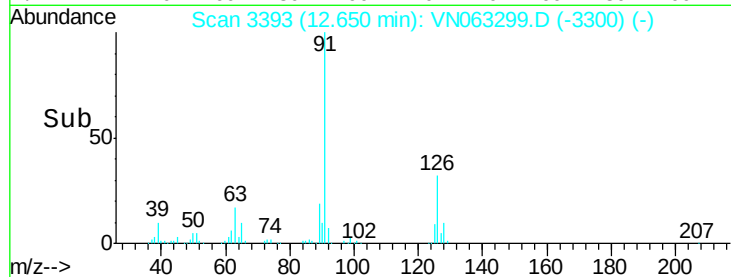
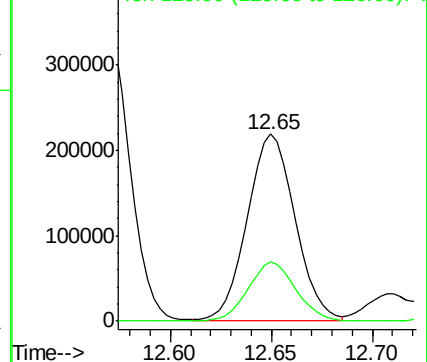
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Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.877 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063299.D

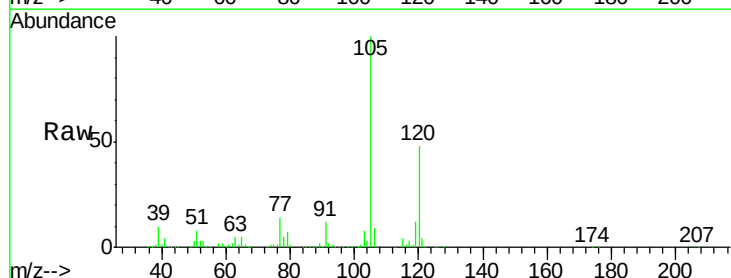
Acq: 10 Sep 2020 17:23

Tgt Ion:105 Resp: 432479

Ion Ratio Lower Upper

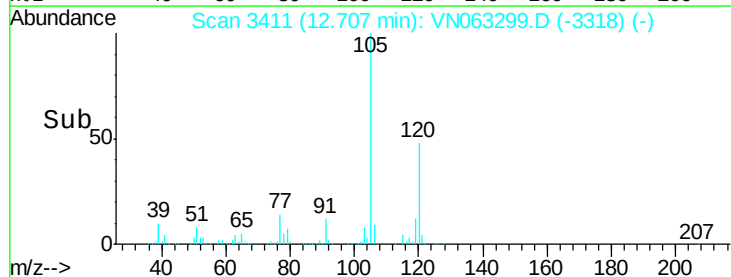
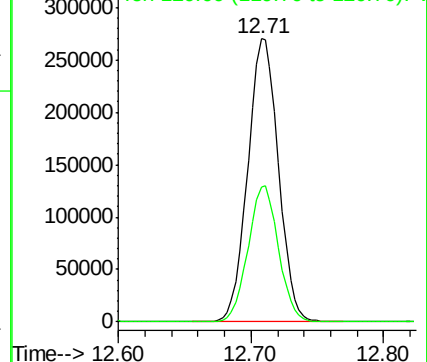
105 100

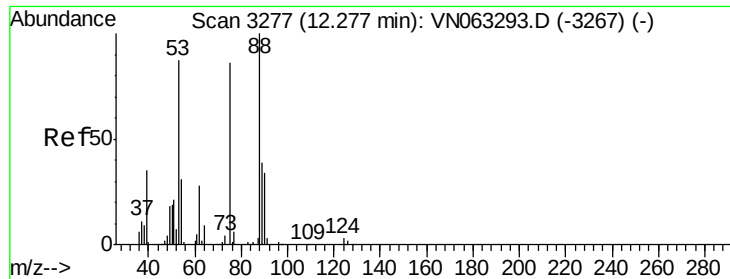
120 47.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.280 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

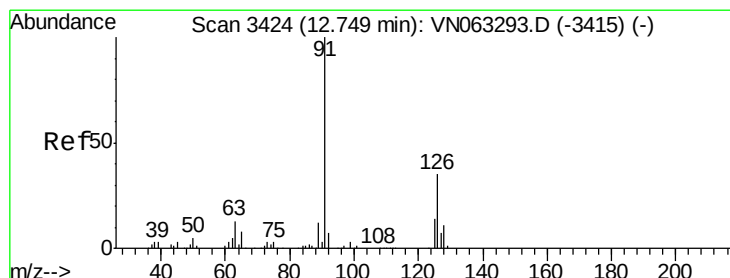
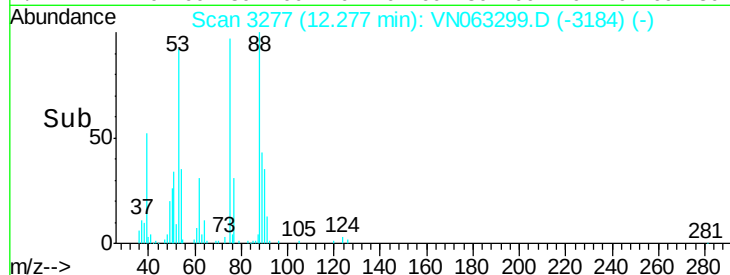
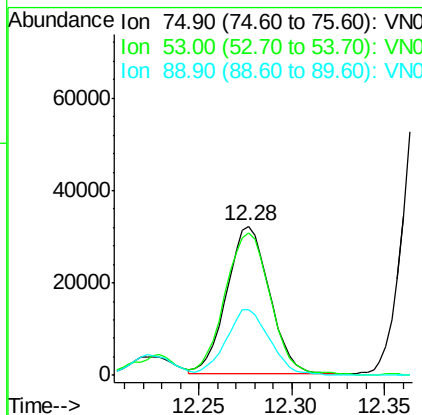
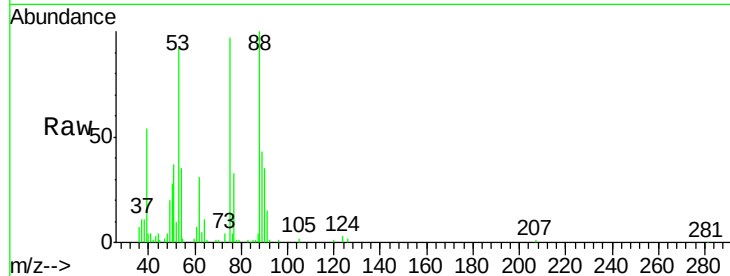
ClientSampleId :

VN0910MBSD01

Tot Ion:	75	Resp:	51342
Ion	Ratio	Lower	Upper
75	100		
53	103.1	81.8	122.8
89	45.5	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.424 ug/l

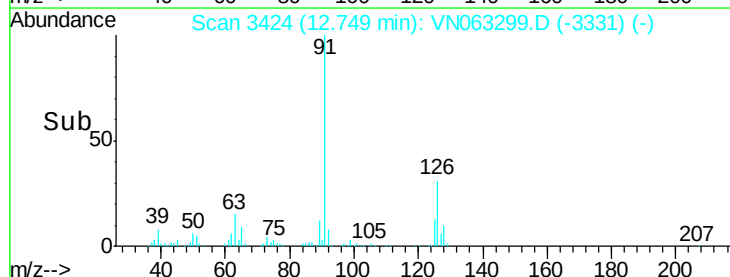
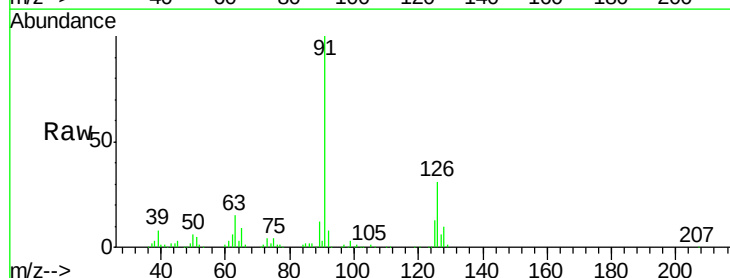
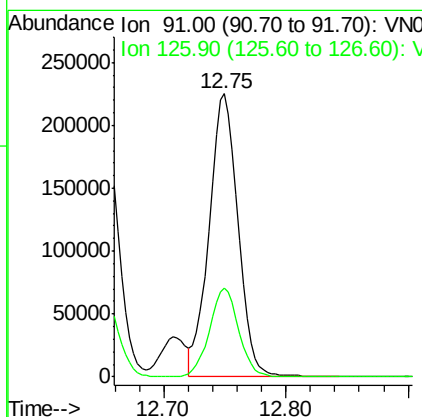
RT: 12.75 min Scan# 3424

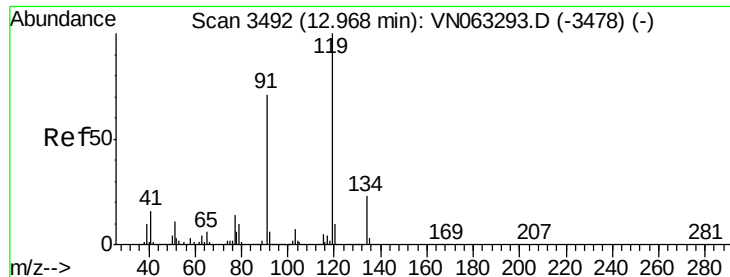
Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Tgt Ion:	91	Resp:	372195
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.9	47.7





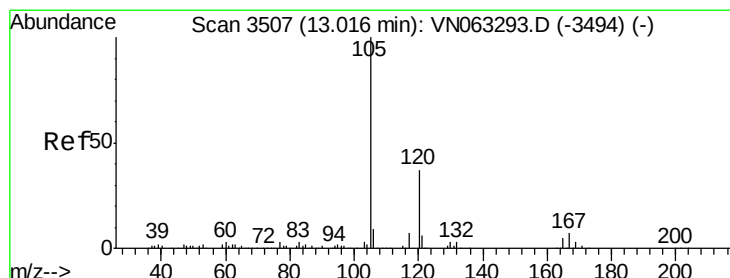
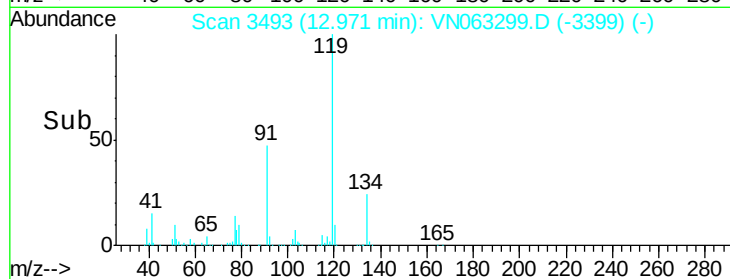
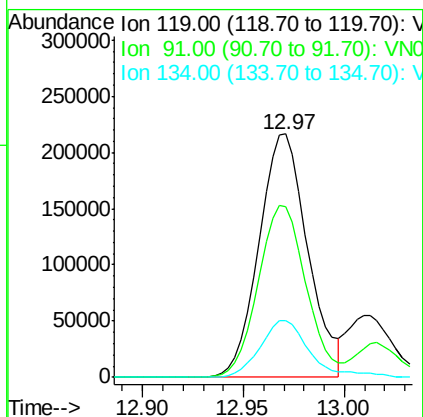
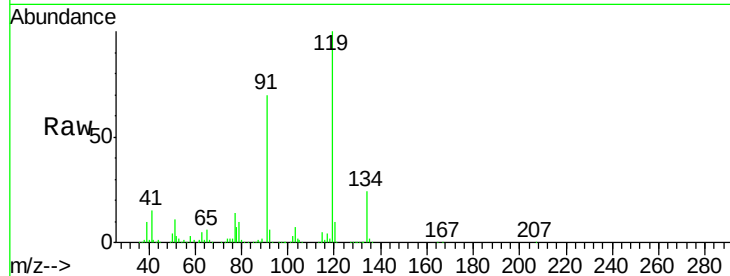
#83
 tert-Butylbenzene
 Concen: 18.770 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.6	34.8	104.3
134	23.9	11.9	35.5

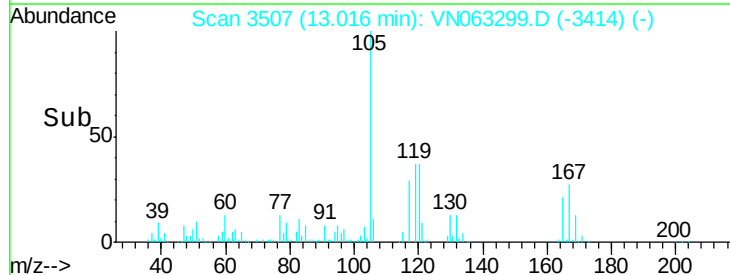
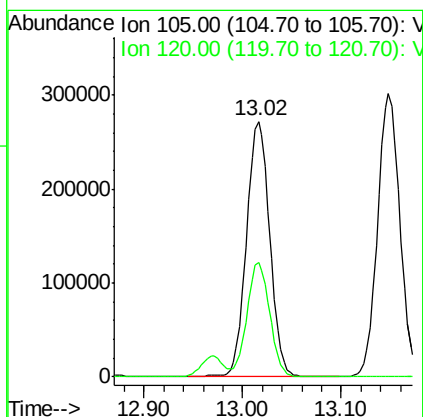
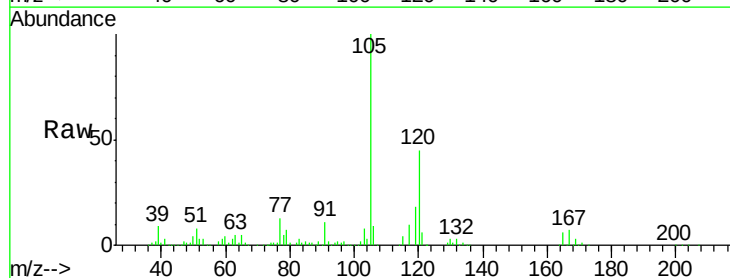
Manual Integrations
 APPROVED

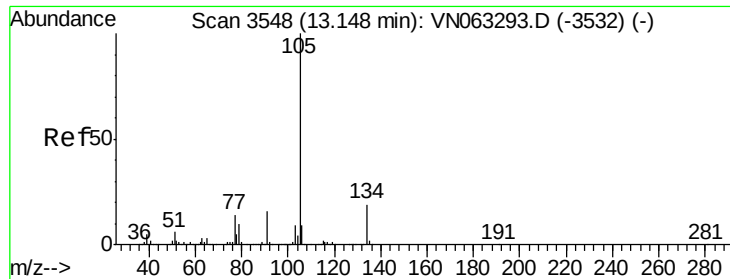
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.144 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.8	65.4





#85

sec-Butylbenzene

Concen: 19.235 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

Instrument :

MSVOA_N

ClientSampled :

VN0910MBSD01

Tot Ion:105 Resp: 475473

Ion Ratio Lower Upper

105 100

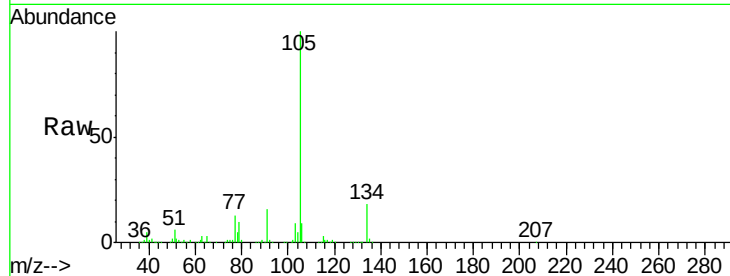
134 18.2 9.4 28.3

Manual Integrations

APPROVED

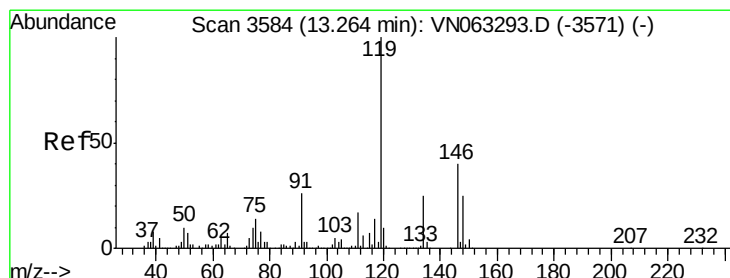
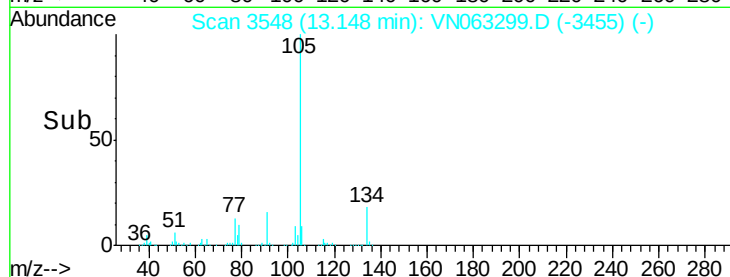
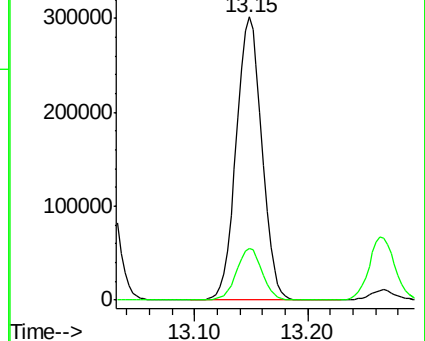
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.717 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063299.D

Acq: 10 Sep 2020 17:23

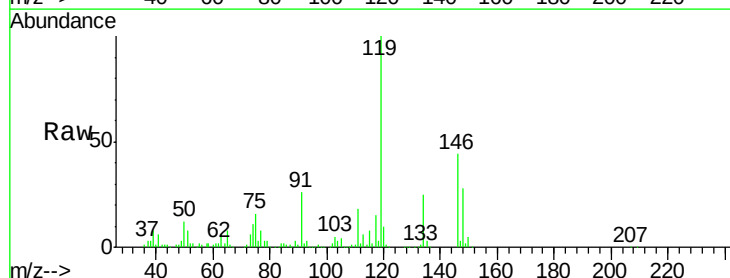
Tgt Ion:119 Resp: 424161

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

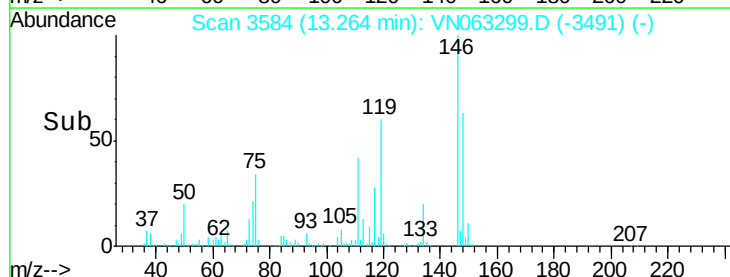
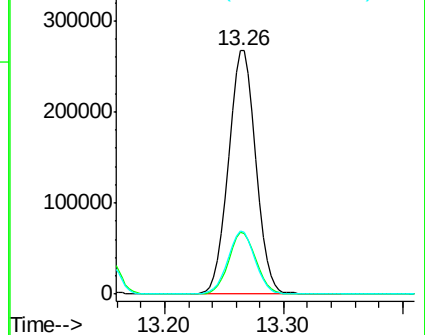
91 25.5 12.8 38.3

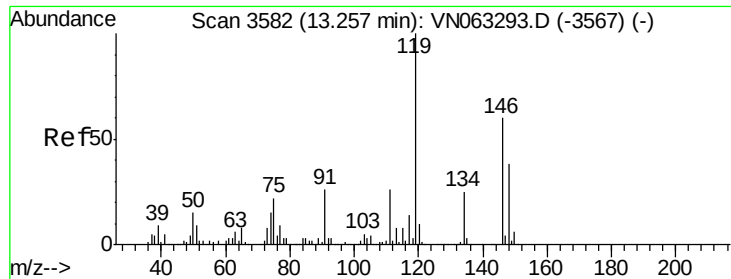


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





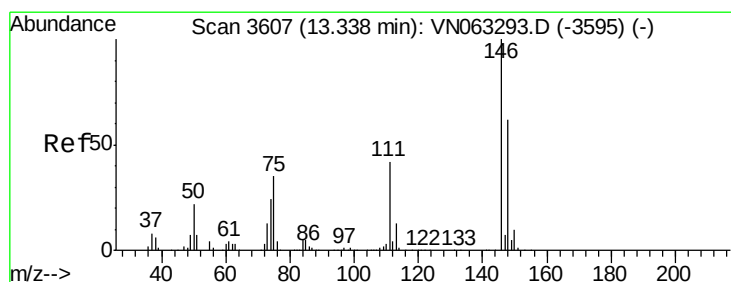
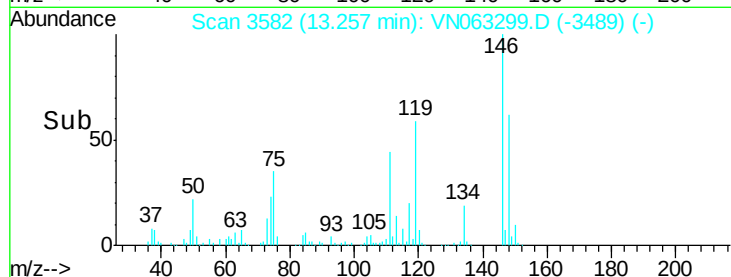
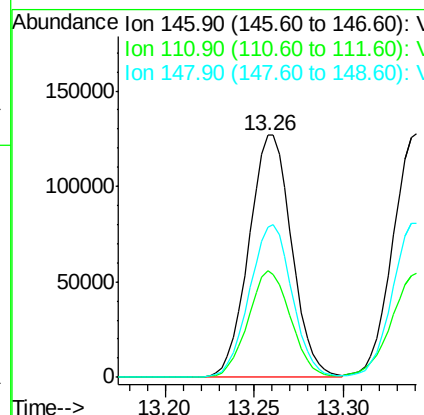
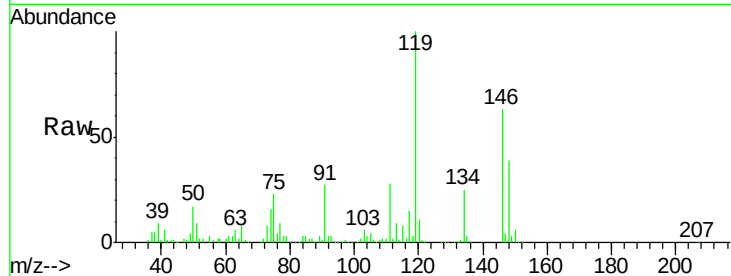
#87
 1,3-Dichlorobenzene
 Concen: 18.351 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampled :
 VN0910MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	212762		
111	43.6	21.8	65.4	
148	62.7	31.8	95.4	

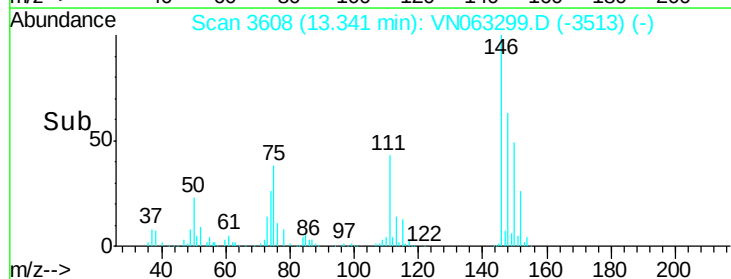
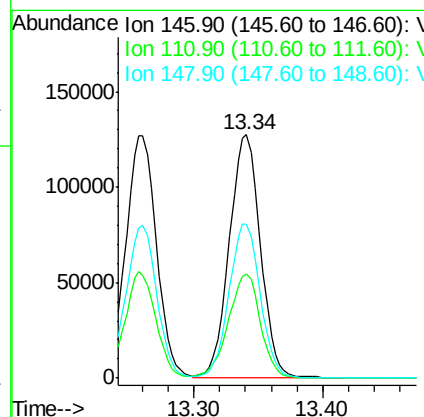
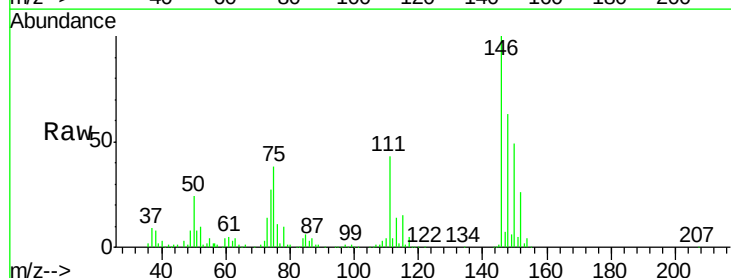
Manual Integrations
 APPROVED

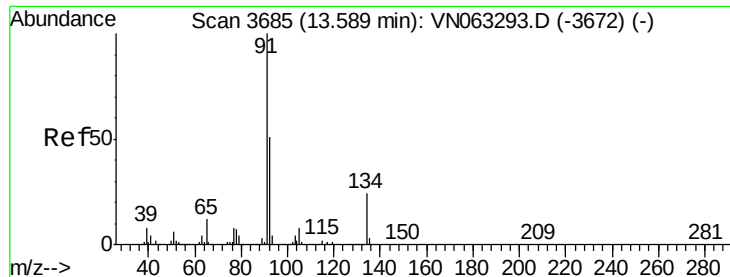
MMDadoda
 9/11/2020 2:02:36 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.578 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	213075		
111	44.0	21.3	64.0	
148	63.2	31.5	94.5	





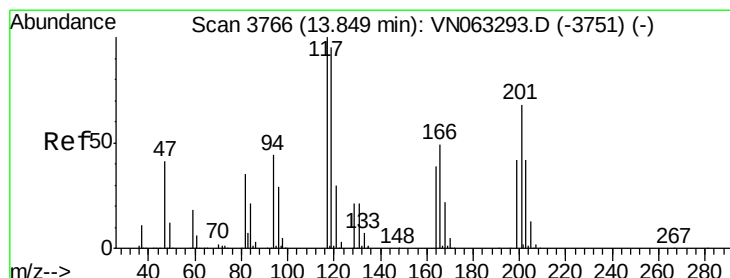
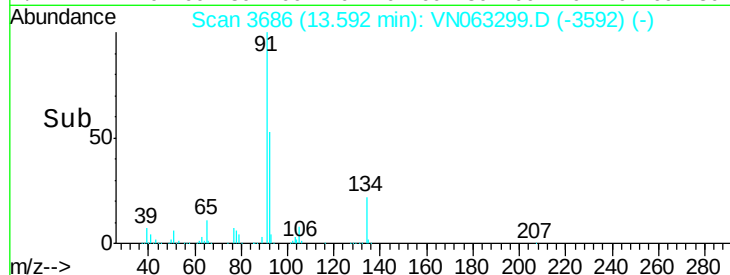
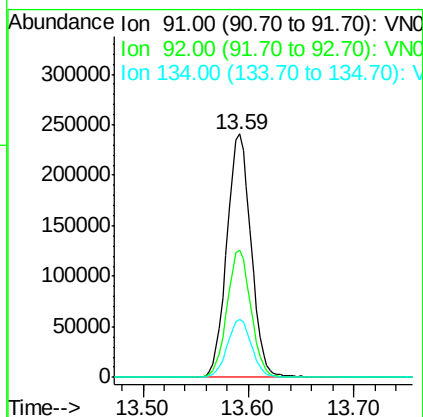
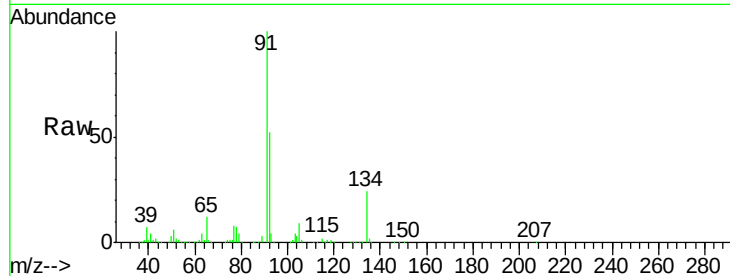
#89
n-Butylbenzene
Concen: 18.754 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	91	Resp	383650
Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.8	77.3
134	23.6	12.0	36.0

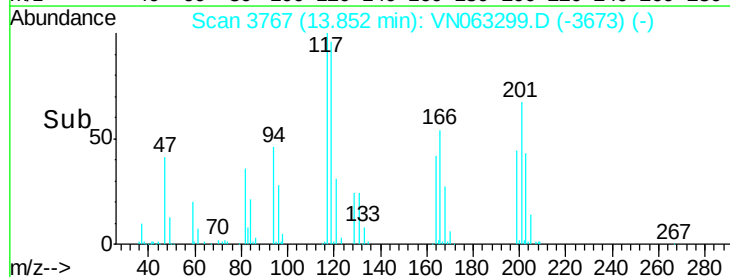
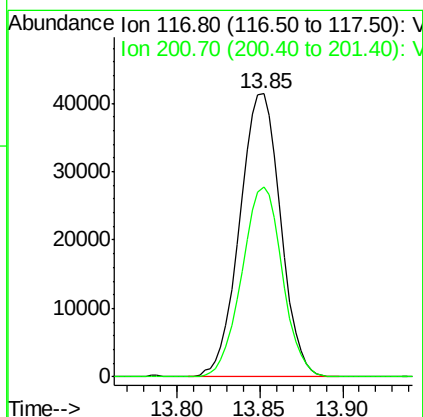
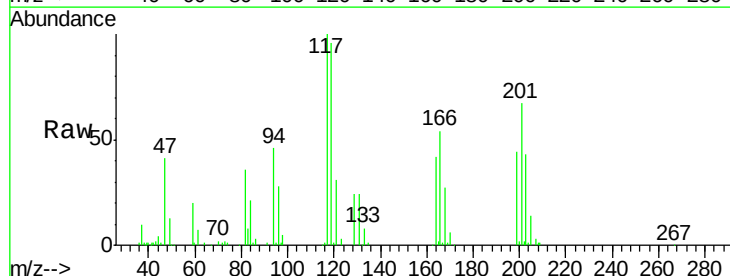
Manual Integrations
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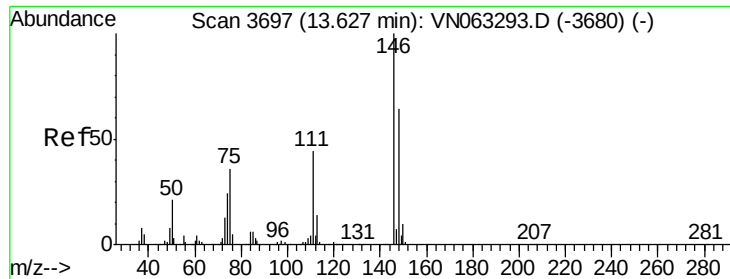
MMDadoda
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#90
Hexachloroethane
Concen: 19.029 ug/l
RT: 13.85 min Scan# 3767
Delta R.T. 0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	117	Resp	70933
Ion	Ratio	Lower	Upper
117	100		
201	66.4	33.5	100.4





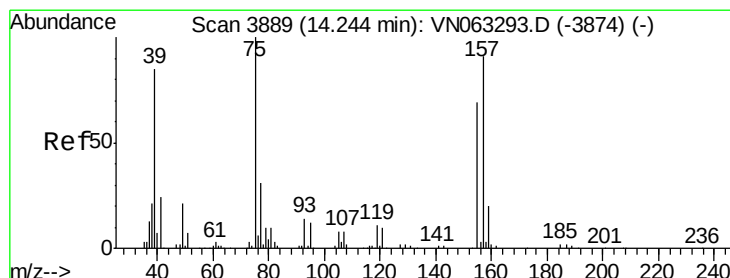
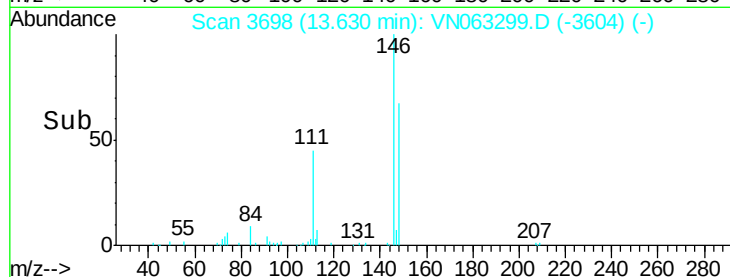
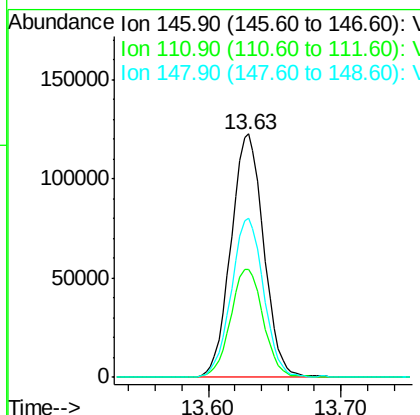
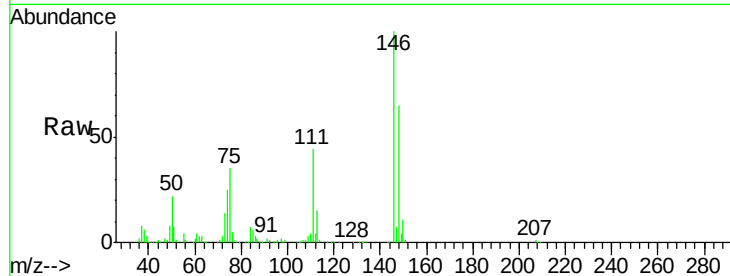
#91
 1,2-Dichlorobenzene
 Concen: 18.374 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	210555		
111	44.4	22.1	66.5	
148	64.3	31.8	95.3	

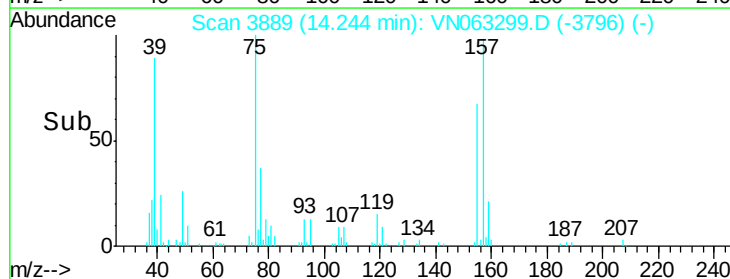
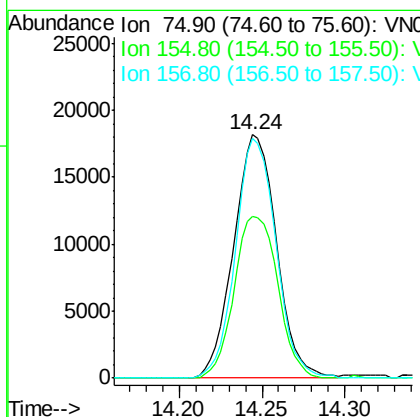
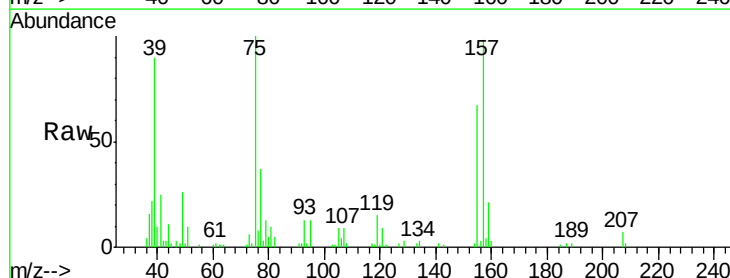
Manual Integrations
 APPROVED

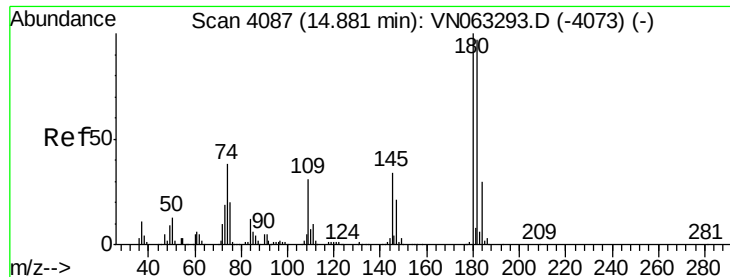
MMDadoda
 9/11/2020 2:02:36 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.222 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32742		
155	67.6	35.3	105.7	
157	93.0	46.7	140.0	





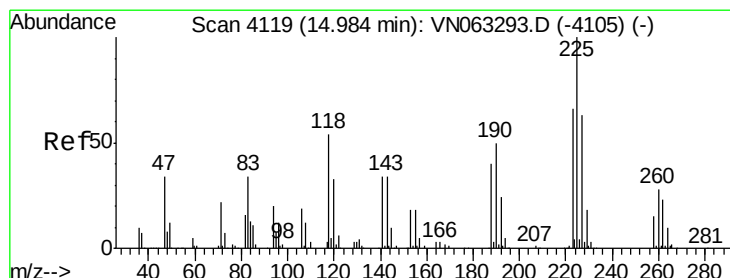
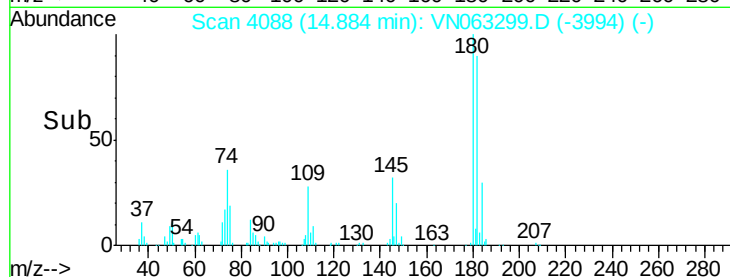
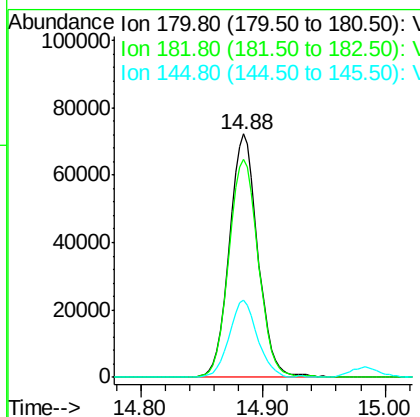
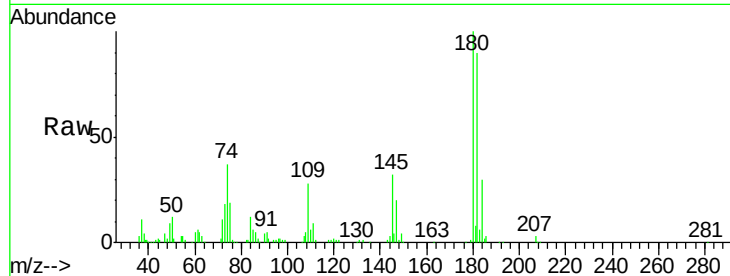
#93
 1,2,4-Trichlorobenzene
 Concen: 17.516 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	117489		
182	92.9	48.0	144.2	
145	31.5	16.6	49.8	

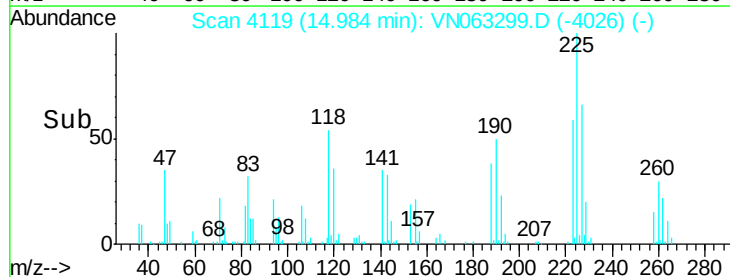
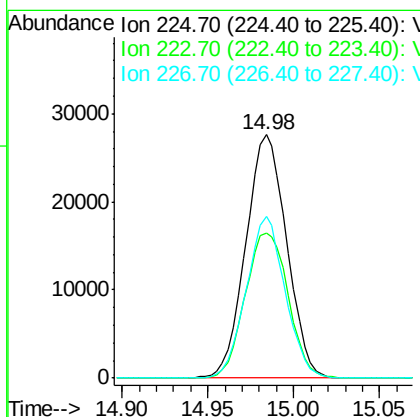
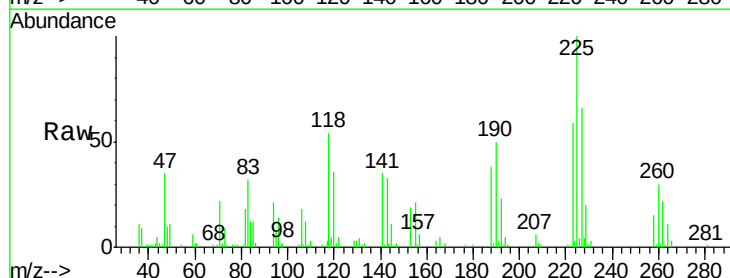
Manual Integrations
 APPROVED

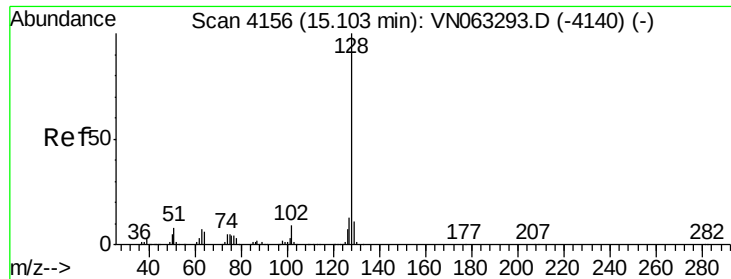
MMDadoda
 9/11/2020 2:02:36 PM



#94
 Hexachlorobutadiene
 Concen: 18.061 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063299.D
 Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45629		
223	62.3	31.3	93.9	
227	62.9	31.2	93.6	





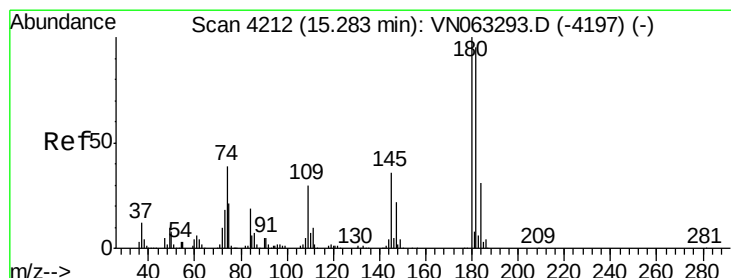
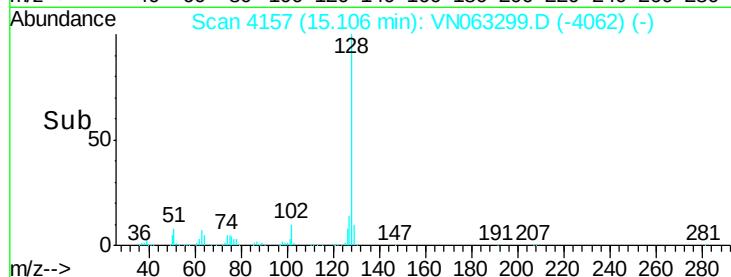
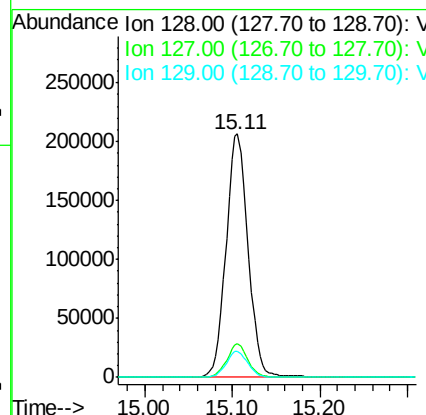
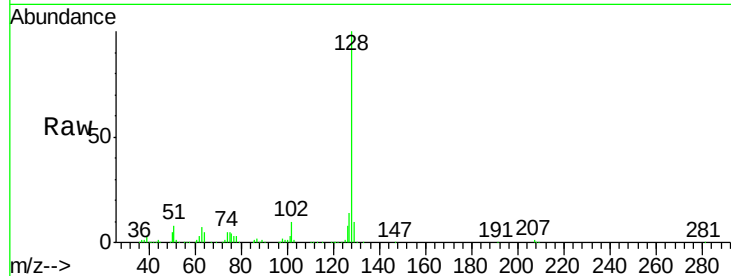
#95
Naphthalene
Concen: 17.548 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	360742		
127	13.2		10.3	15.5
129	10.4		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/11/2020 2:02:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.833 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063299.D
Acq: 10 Sep 2020 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110609		
182	97.6		47.4	142.3
145	34.8		17.2	51.6

