

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062482.D
 Acq On : 10 Jul 2020 2:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:01 AM

Quant Time: Jul 10 02:50:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	366189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	333791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	153514	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.55	113	110458	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.06	98	440993	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.37	95	160717	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102304	48.346	ug/l	96
3) Chloromethane	2.03	50	155643	45.840	ug/l	99
4) Vinyl Chloride	2.16	62	140750	50.597	ug/l	96
5) Bromomethane	2.52	94	61298	41.029	ug/l	95
6) Chloroethane	2.66	64	82616	50.991	ug/l	100
7) Trichlorofluoromethane	2.98	101	175497	49.674	ug/l	98
8) Diethyl Ether	3.37	74	82651	52.317	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	105094	50.180	ug/l	100
10) Methyl Iodide	3.91	142	121208	43.830	ug/l	100
11) Tert butyl alcohol	4.73	59	139262	262.728	ug/l	98
12) 1,1-Dichloroethene	3.70	96	107457	50.395	ug/l	99
13) Acrolein	3.57	56	94613	247.435	ug/l	98
14) Allyl chloride	4.27	41	239267	47.711	ug/l	99
15) Acrylonitrile	4.93	53	357448	257.125	ug/l	100
16) Acetone	3.77	43	297665	219.416	ug/l	99
17) Carbon Disulfide	4.01	76	311429	46.610	ug/l	99
18) Methyl Acetate	4.28	43	176506	52.135	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	414513	51.274	ug/l	99
20) Methylene Chloride	4.50	84	140413	48.408	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	117144	50.711	ug/l	96
22) Diisopropyl ether	5.90	45	505194	50.989	ug/l	98
23) Vinyl Acetate	5.84	43	2071255	252.361	ug/l	99
24) 1,1-Dichloroethane	5.80	63	259113	50.610	ug/l	99
25) 2-Butanone	6.79	43	488597	246.608	ug/l	99
26) 2,2-Dichloropropane	6.78	77	161227	41.071	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	137406	51.354	ug/l	97
28) Bromochloromethane	7.15	49	134010	48.178	ug/l	96
29) Tetrahydrofuran	7.17	42	335582	251.580	ug/l	99
30) Chloroform	7.33	83	236866	51.240	ug/l	99
31) Cyclohexane	7.61	56	229444	47.273	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	196309	51.053	ug/l	99
36) 1,1-Dichloropropene	7.75	75	179043	48.530	ug/l	99
37) Ethyl Acetate	6.88	43	205313	47.593	ug/l	100
38) Carbon Tetrachloride	7.73	117	165157	49.794	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	196000	49.763	ug/l	99
40) Benzene	8.00	78	543937	50.025	ug/l	99
41) Methacrylonitrile	7.13	41	103470	57.407	ug/l	92
42) 1,2-Dichloroethane	8.09	62	201494	50.610	ug/l	100
43) Isopropyl Acetate	8.13	43	342552	50.266	ug/l	93
44) Trichloroethene	8.80	130	121821	50.497	ug/l	99
45) 1,2-Dichloropropane	9.09	63	159071	50.396	ug/l	99
46) Dibromomethane	9.18	93	90375	50.737	ug/l	99
47) Bromodichloromethane	9.37	83	193307	50.760	ug/l	99
48) Methyl methacrylate	9.17	41	167996	50.255	ug/l	99
49) 1,4-Dioxane	9.17	88	48873	1004.455	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1042950	256.230	ug/l	99
52) Toluene	10.12	92	322429	51.338	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	213039	49.932	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	234062	49.721	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	128028	51.830	ug/l	98
56) Ethyl methacrylate	10.40	69	221330	48.732	ug/l	99
57) 1,3-Dichloropropane	10.68	76	235560	51.618	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	402585	274.718	ug/l	98
59) 2-Hexanone	10.72	43	757256	256.265	ug/l	98
60) Dibromochloromethane	10.87	129	137731	51.425	ug/l	98
61) 1,2-Dibromoethane	10.98	107	130145	52.193	ug/l	100
64) Tetrachloroethene	10.60	164	100486	50.732	ug/l	97
65) Chlorobenzene	11.41	112	335378	51.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	124132	51.888	ug/l	99
67) Ethyl Benzene	11.48	91	627214	51.507	ug/l	99
68) m/p-Xylenes	11.60	106	453272	105.147	ug/l	98
69) o-Xylene	11.92	106	221463	52.764	ug/l	98
70) Styrene	11.94	104	381586	55.009	ug/l	98
71) Bromoform	12.10	173	94058	53.633	ug/l #	98
73) Isopropylbenzene	12.22	105	587963	49.673	ug/l	100
74) N-amyl acetate	12.05	43	302052	52.428	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	198764	49.941	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	185600m	49.451	ug/l	
77) Bromobenzene	12.50	156	138497	51.467	ug/l	94
78) n-propylbenzene	12.57	91	696014	50.339	ug/l	100
79) 2-Chlorotoluene	12.65	91	417960	49.806	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	501868	51.720	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	64914	46.293	ug/l	98
82) 4-Chlorotoluene	12.75	91	432592	50.777	ug/l	100
83) tert-Butylbenzene	12.97	119	420908	51.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	498911	51.727	ug/l	100
85) sec-Butylbenzene	13.15	105	557983	51.136	ug/l	100
86) p-Isopropyltoluene	13.26	119	490733	52.107	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	241460	52.013	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	239970	50.237	ug/l	99
89) n-Butylbenzene	13.59	91	424236	51.016	ug/l	99
90) Hexachloroethane	13.85	117	94977	51.267	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	235716	52.515	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37106	51.089	ug/l	99

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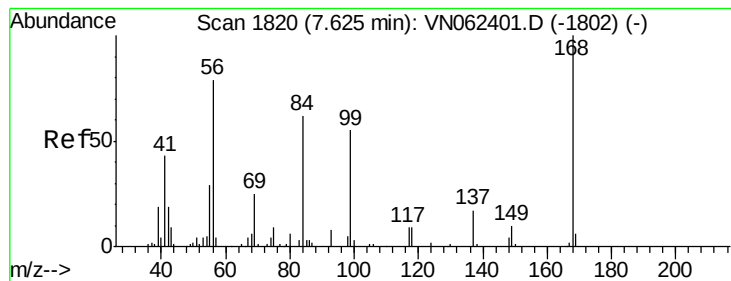
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	115475	47.172	ug/l	99
94) Hexachlorobutadiene	14.98	225	61719	51.788	ug/l	98
95) Naphthalene	15.10	128	314840	53.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	118128	48.949	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 207746

Ion Ratio Lower Upper

168 100

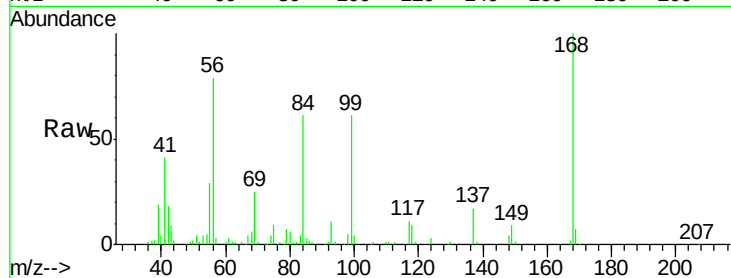
99 60.7 48.8 73.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

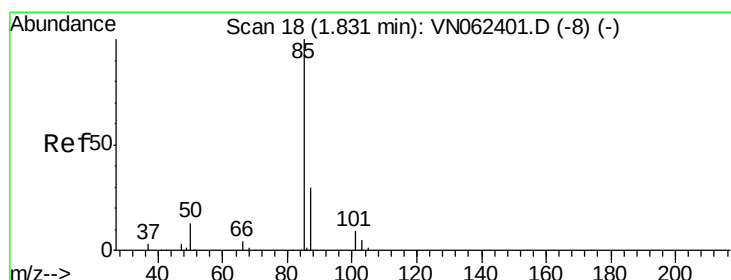
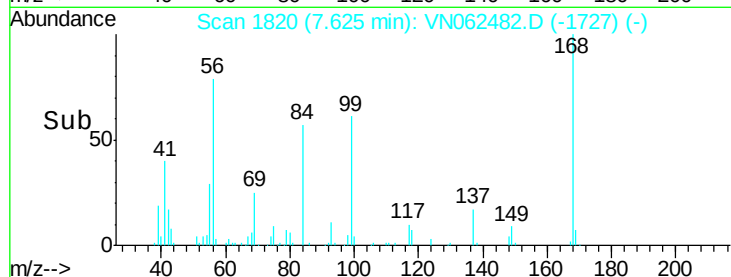
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.346 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062482.D

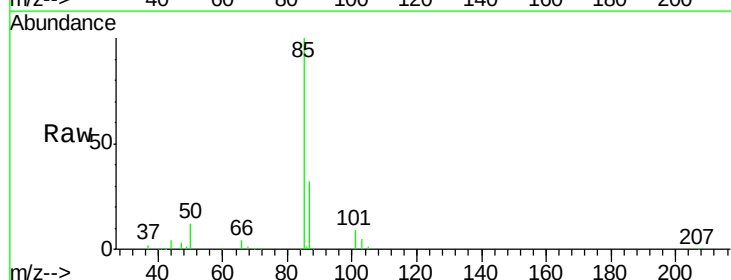
Acq: 10 Jul 2020 2:17

Tgt Ion: 85 Resp: 102304

Ion Ratio Lower Upper

85 100

87 32.2 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

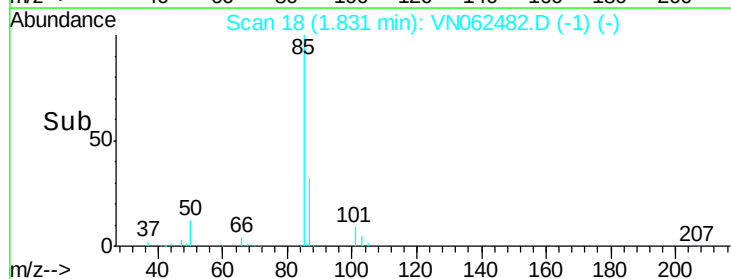
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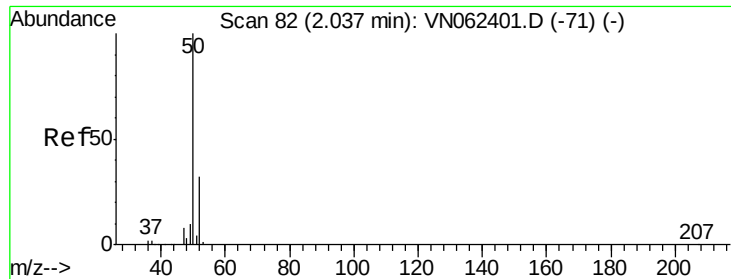
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 45.840 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 155643

Ion Ratio Lower Upper

50 100

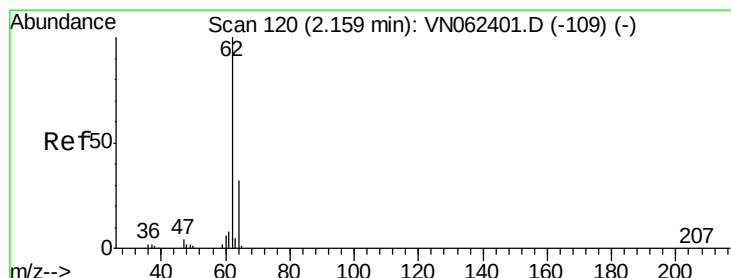
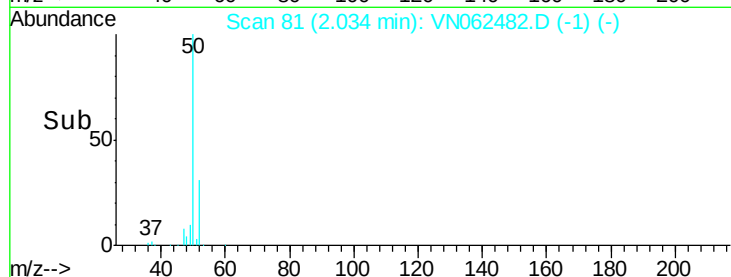
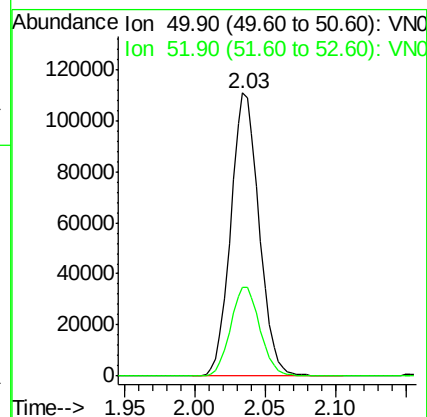
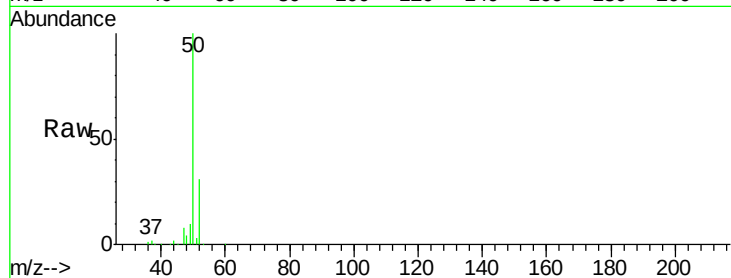
52 31.5 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.597 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062482.D

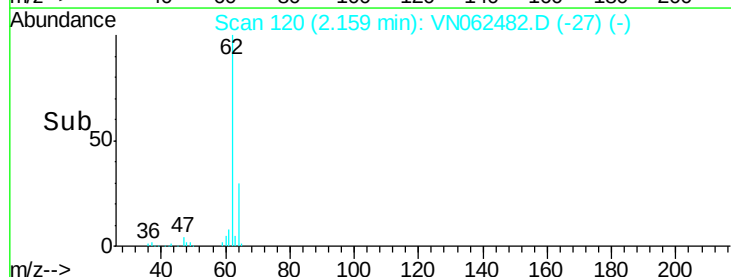
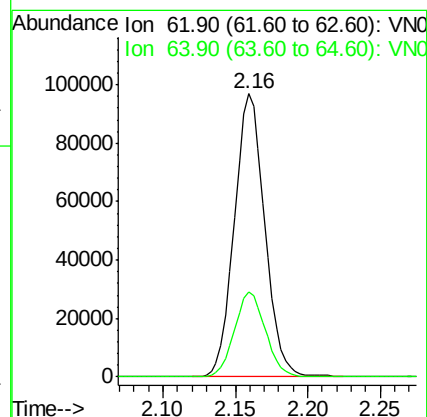
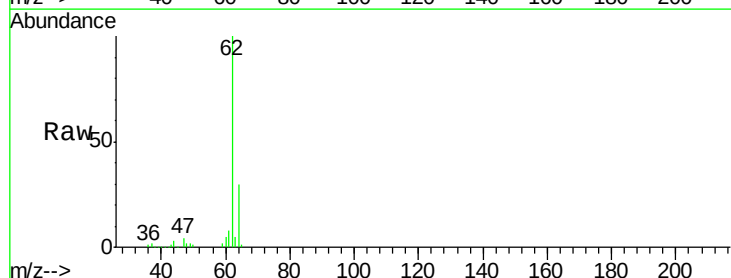
Acq: 10 Jul 2020 2:17

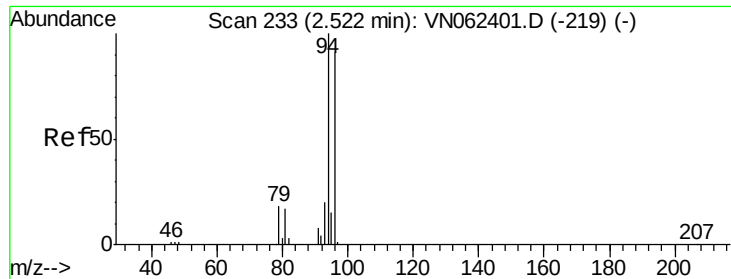
Tgt Ion: 62 Resp: 140750

Ion Ratio Lower Upper

62 100

64 30.0 25.7 38.5





#5

Bromomethane

Concen: 41.029 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61298

Ion Ratio Lower Upper

94 100

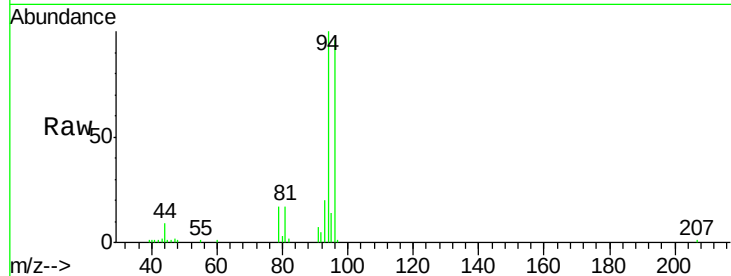
96 96.4 73.2 109.8

Manual Integrations

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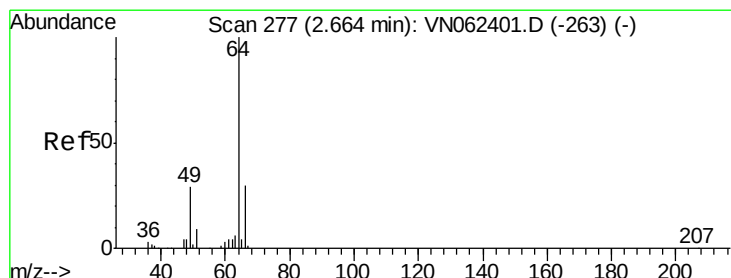
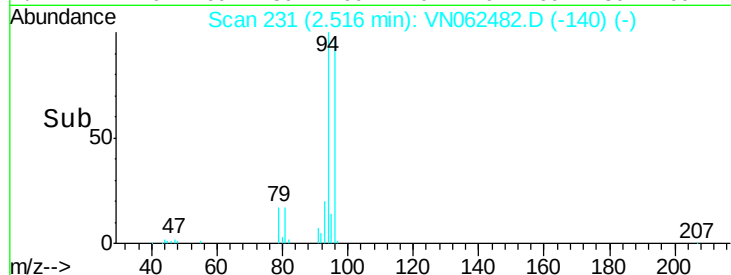
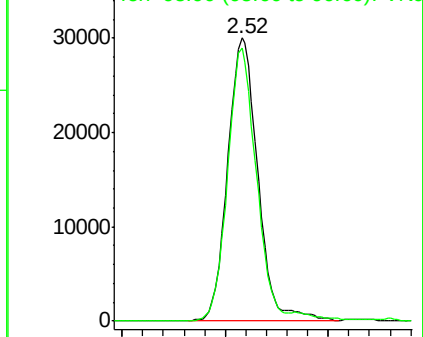
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.991 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062482.D

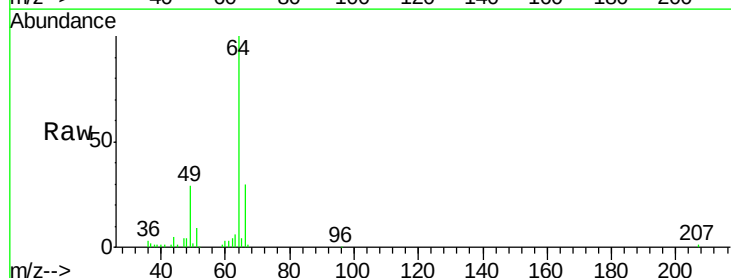
Acq: 10 Jul 2020 2:17

Tgt Ion: 64 Resp: 82616

Ion Ratio Lower Upper

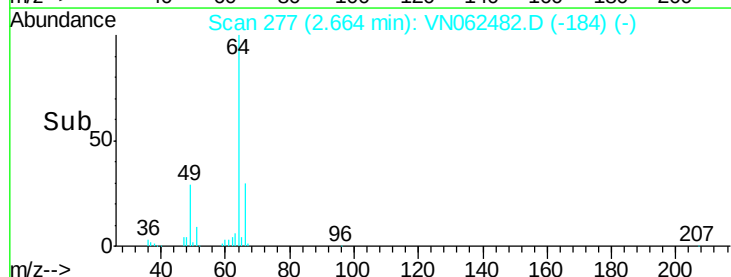
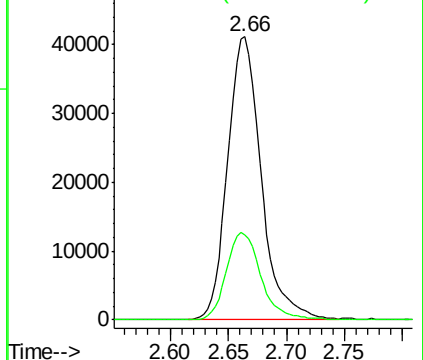
64 100

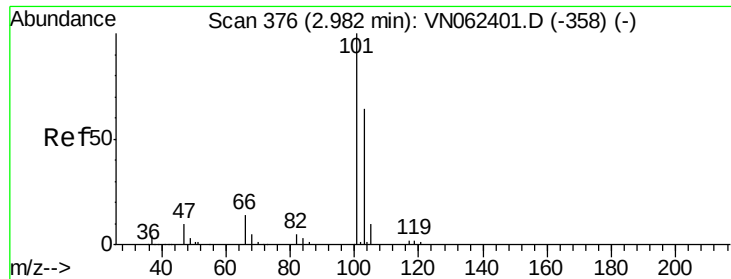
66 30.3 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

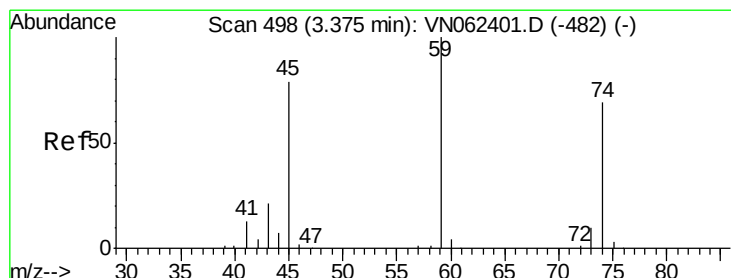
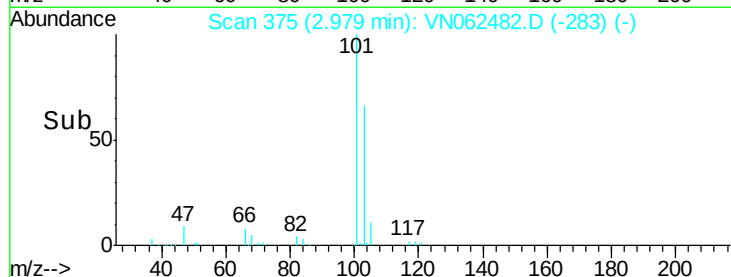
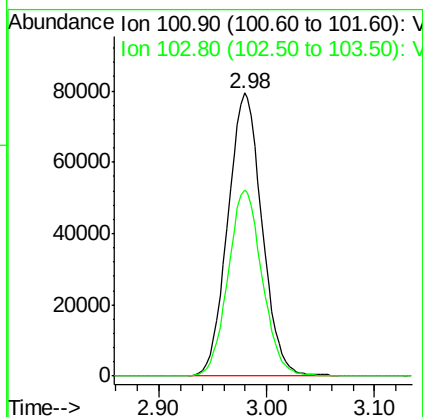
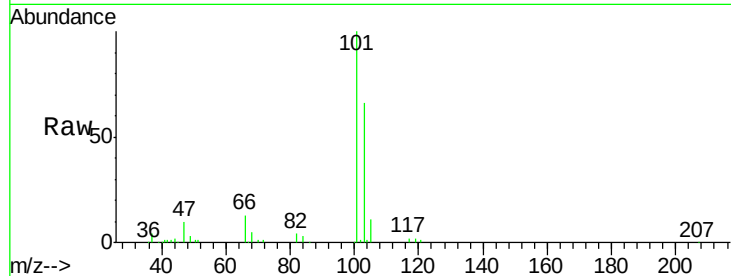
Trichlorofluoromethane
 Concen: 49.674 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.6	77.4

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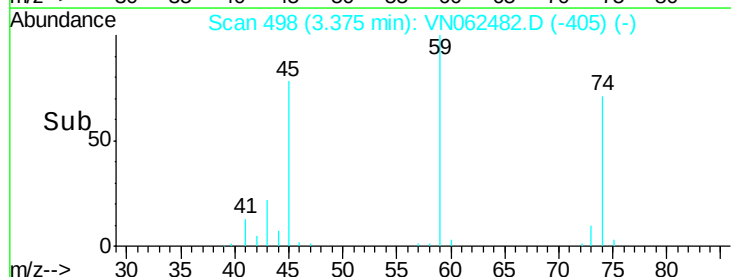
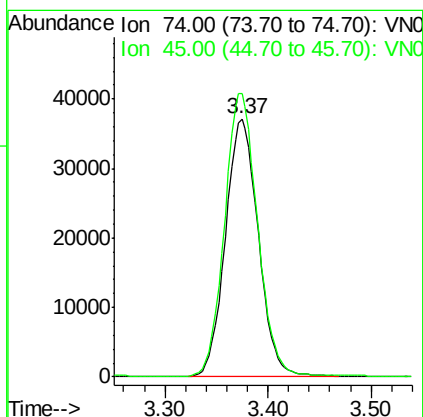
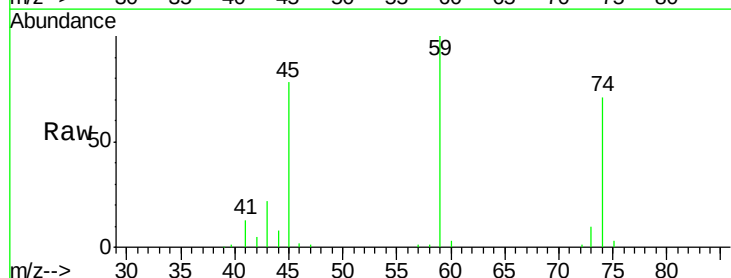
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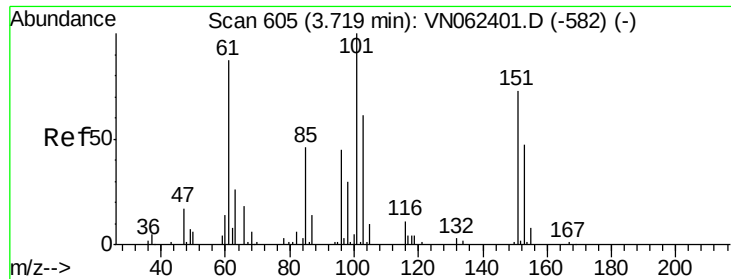


#8

Diethyl Ether
 Concen: 52.317 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.7	58.5	175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.180 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

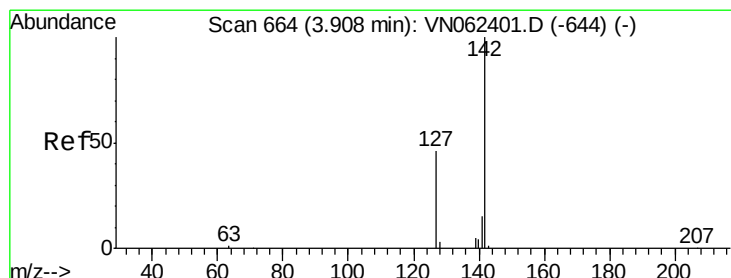
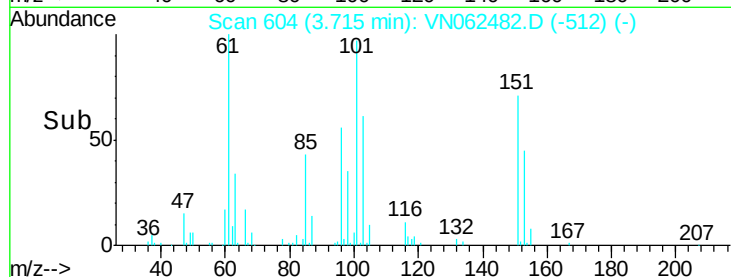
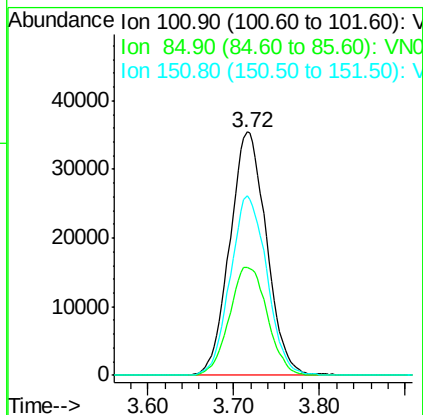
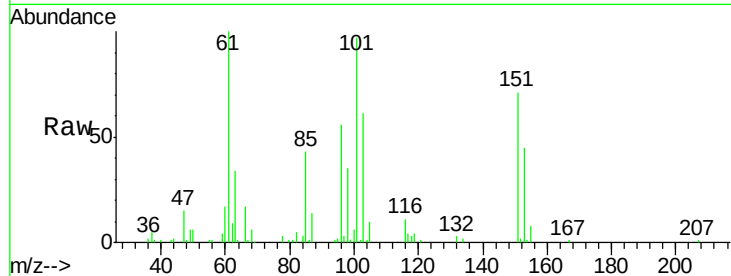
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	105094
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.7	55.1
151	73.2	58.3	87.5

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#10

Methyl Iodide

Concen: 43.830 ug/l

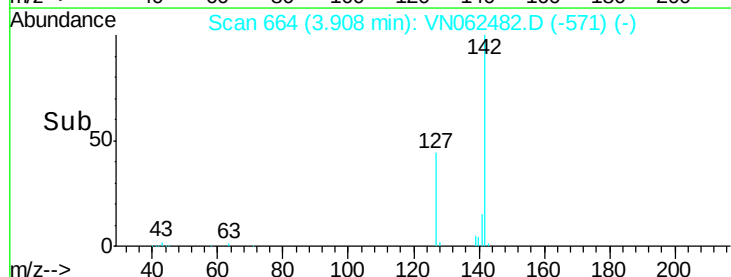
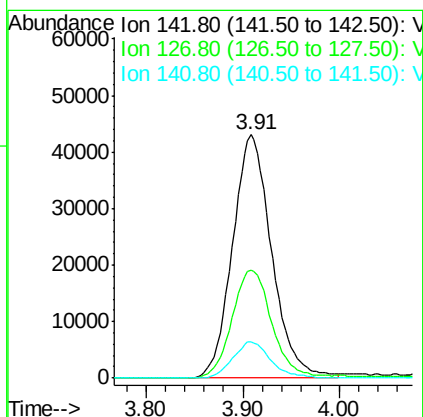
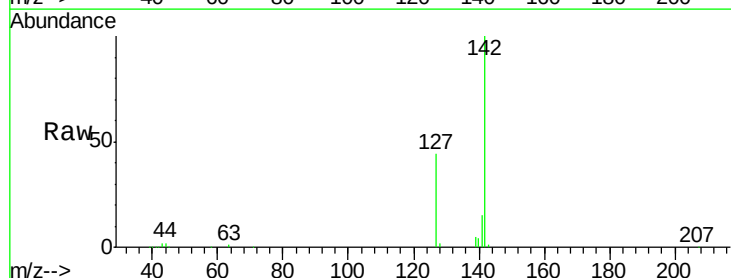
RT: 3.91 min Scan# 664

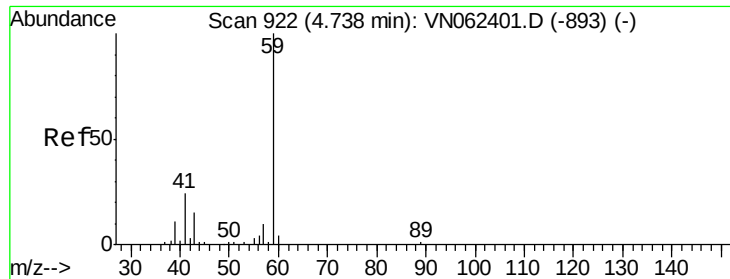
Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion:	142	Resp:	121208
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.1	54.1
141	14.4	11.4	17.0





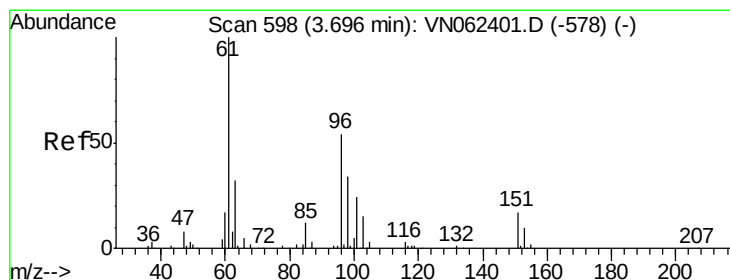
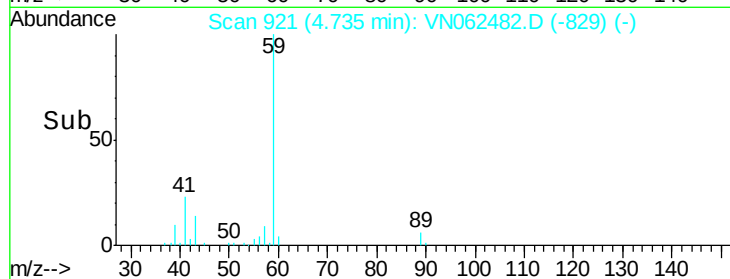
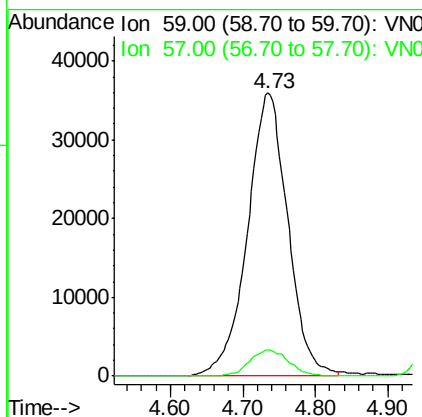
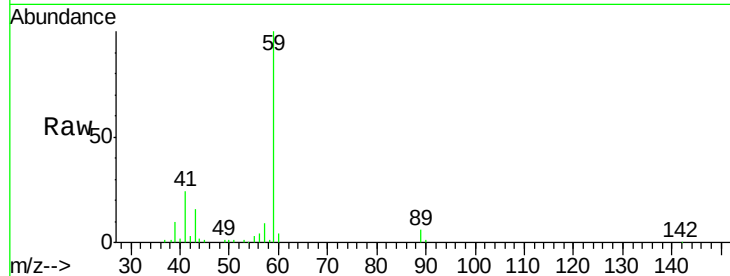
#11
Tert butyl alcohol
Concen: 262.728 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.8	11.6

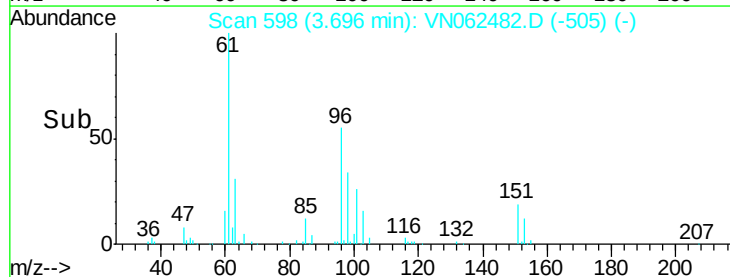
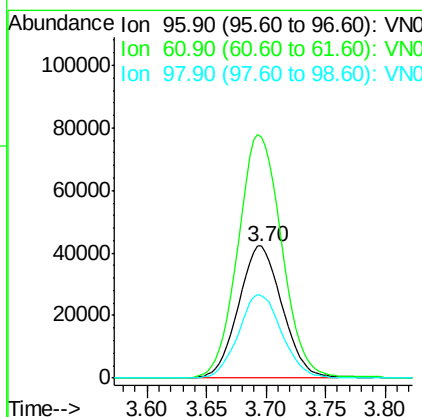
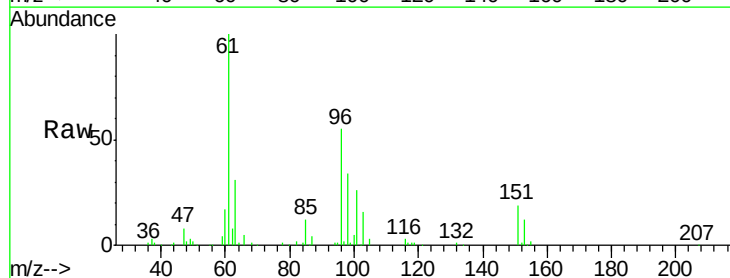
Manual Integrations
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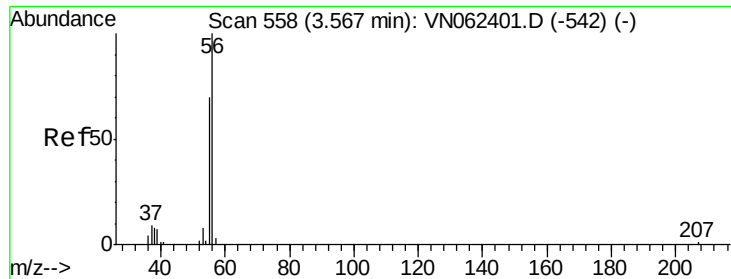
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#12
1,1-Dichloroethene
Concen: 50.395 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.6	147.4	221.0
98	62.5	50.4	75.6





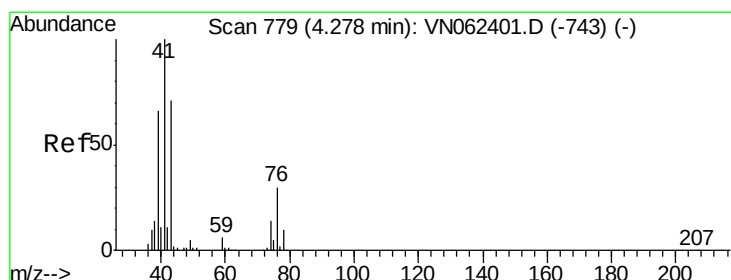
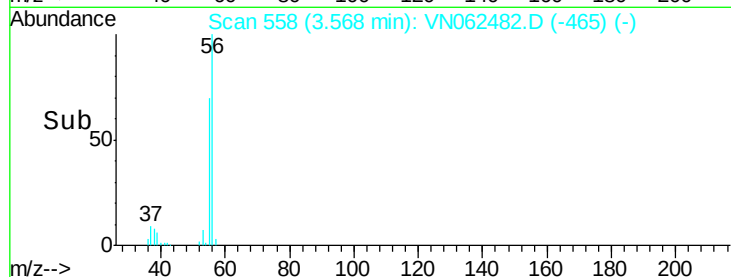
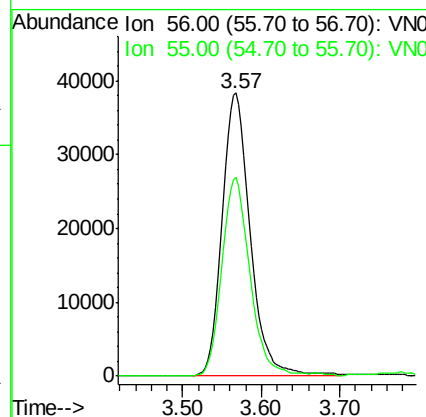
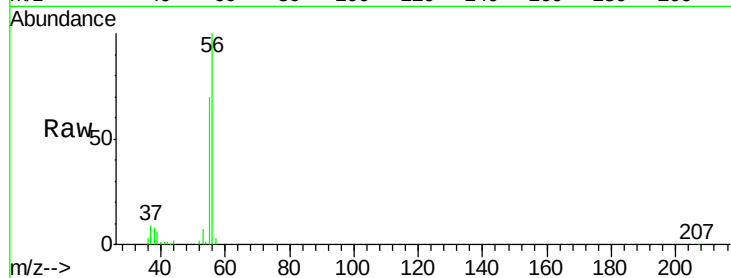
#13
Acrolein
Concen: 247.435 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	94613
Ion Ratio	100	Lower	Upper
56	100		
55	69.5	57.2	85.8

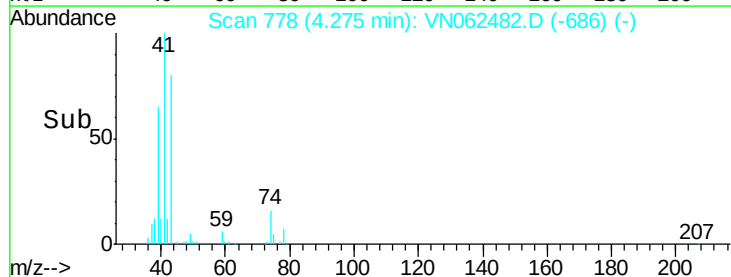
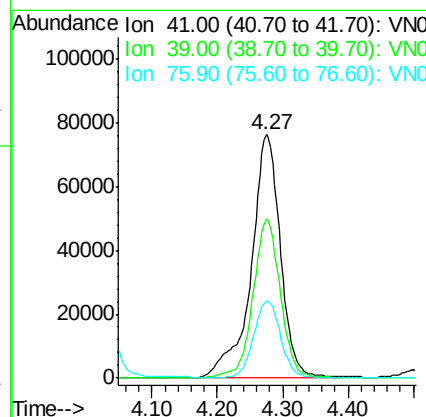
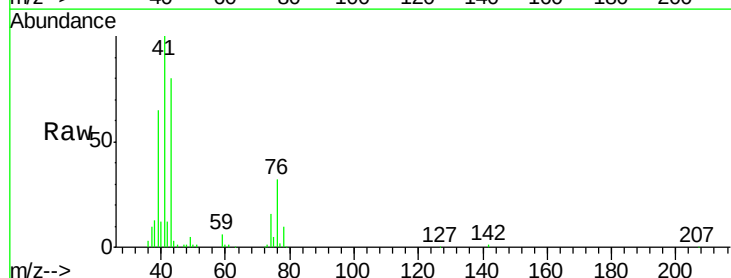
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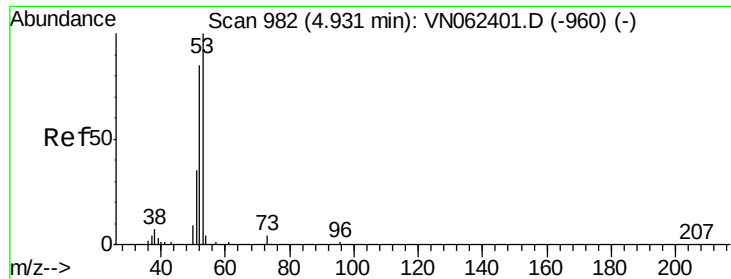
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#14
Allyl chloride
Concen: 47.711 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	41	Resp	239267
Ion Ratio	100	Lower	Upper
41	100		
39	61.2	49.6	74.4
76	28.5	22.2	33.4





#15

Acrylonitrile

Concen: 257.125 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

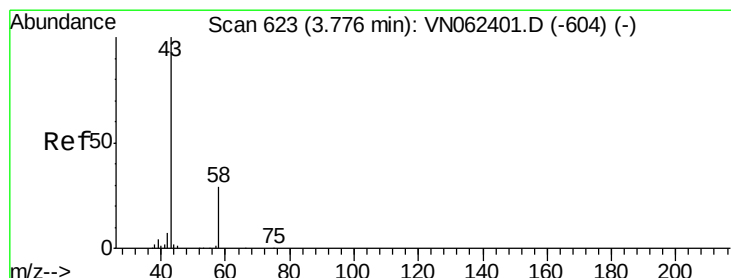
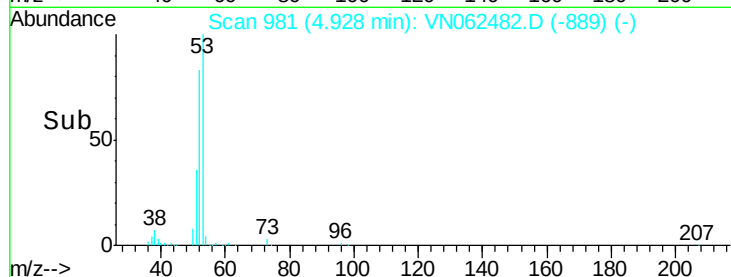
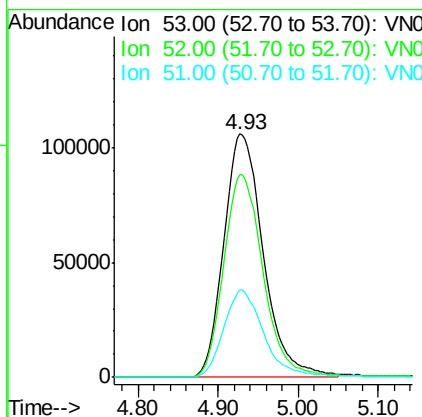
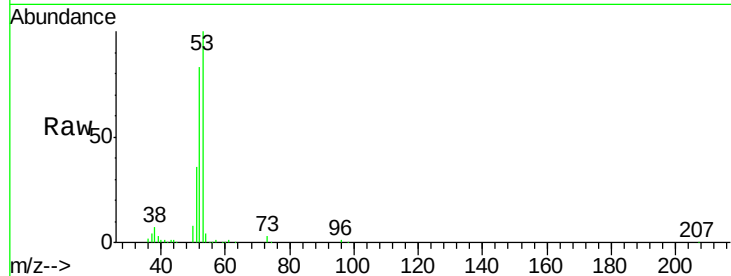
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	357448
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.2	99.4
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 219.416 ug/l

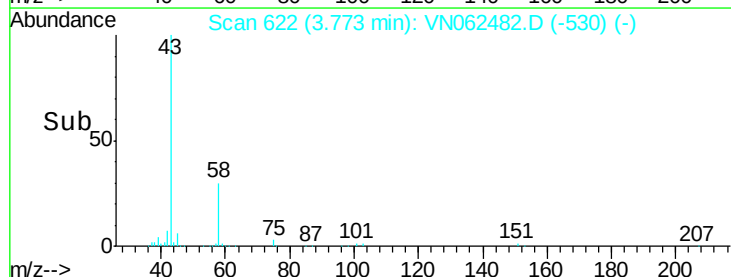
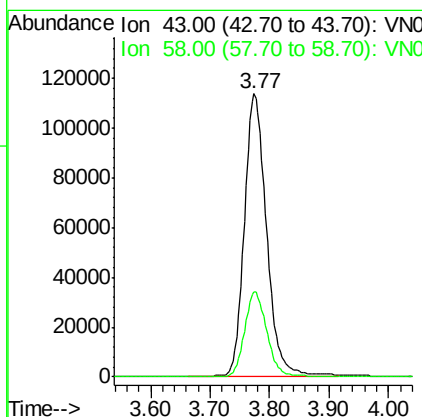
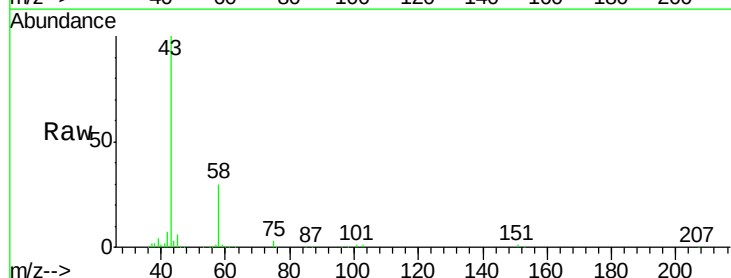
RT: 3.77 min Scan# 622

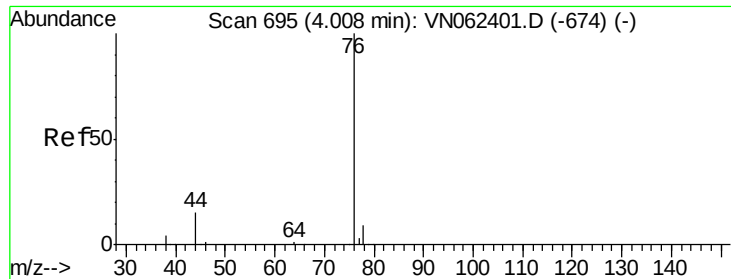
Delta R.T. -0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion:	43	Resp:	297665
Ion Ratio	Lower	Upper	
43	100		
58	30.1	23.5	35.3





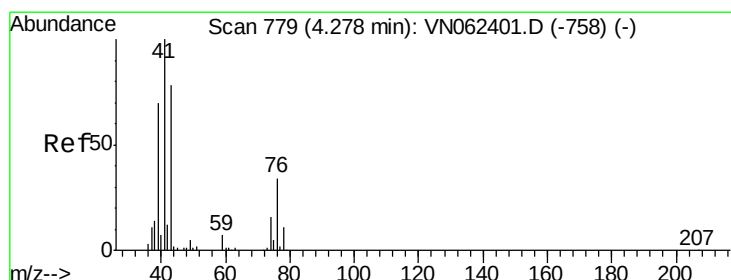
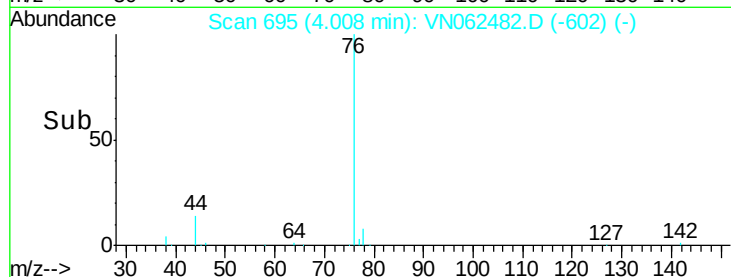
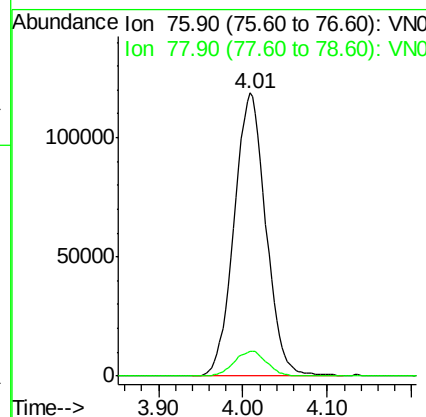
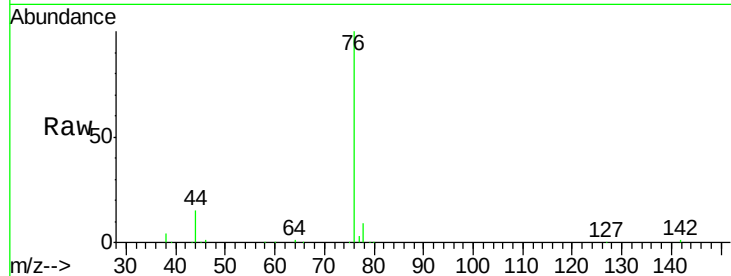
#17
Carbon Disulfide
Concen: 46.610 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

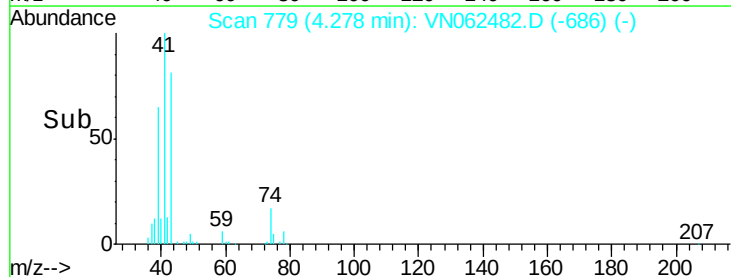
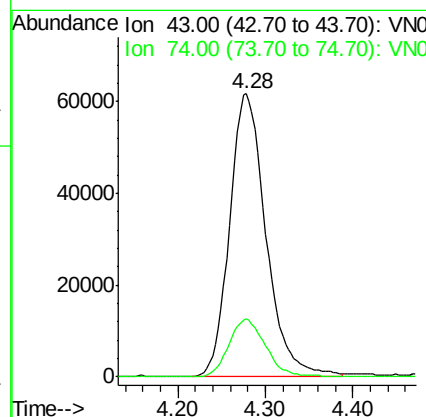
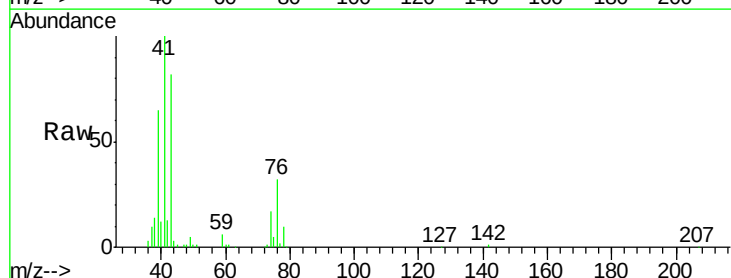
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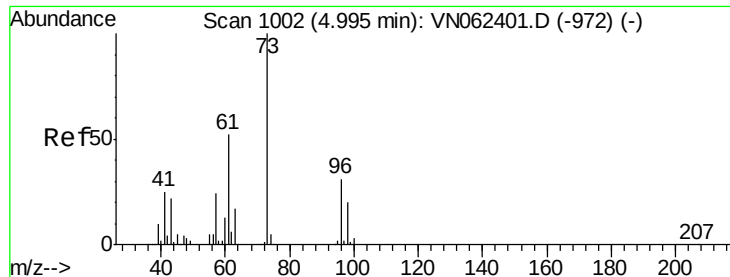
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#18
Methyl Acetate
Concen: 52.135 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.0	24.0





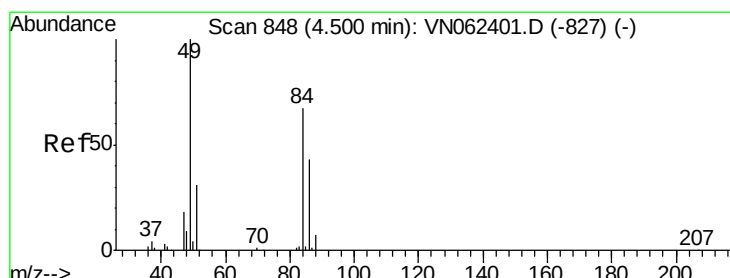
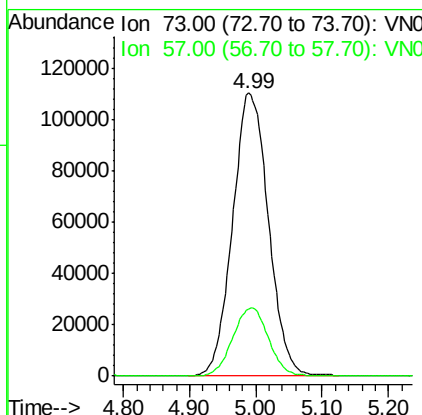
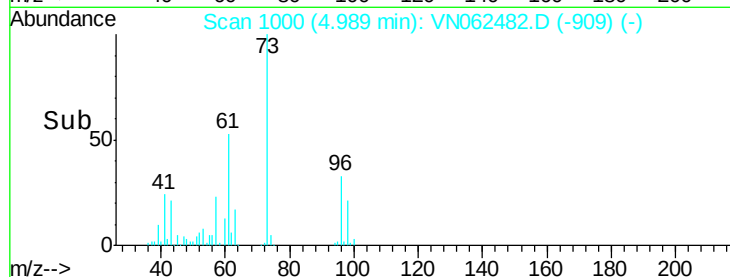
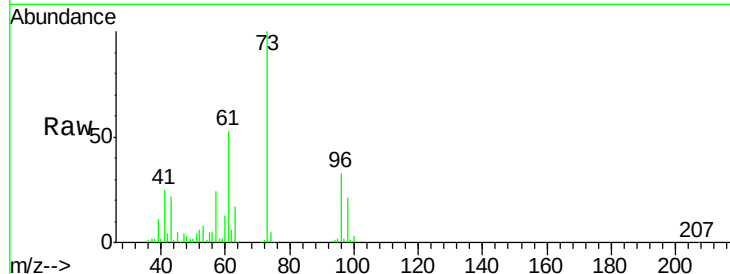
#19
Methyl tert-butyl Ether
Concen: 51.274 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 414513
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.0

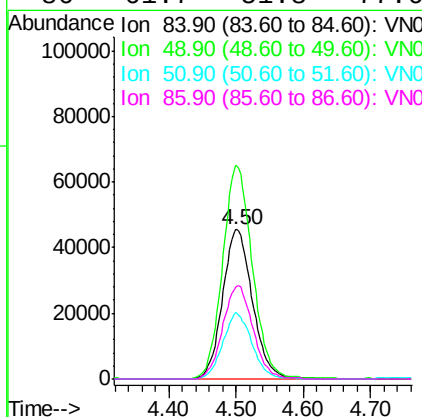
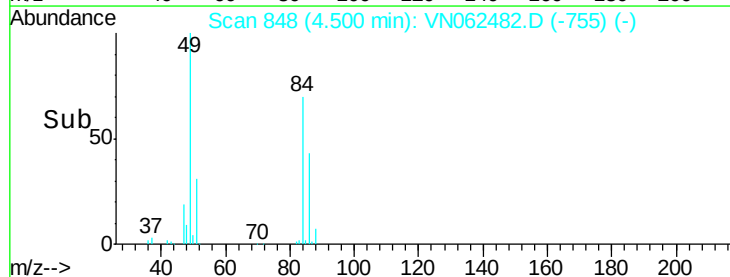
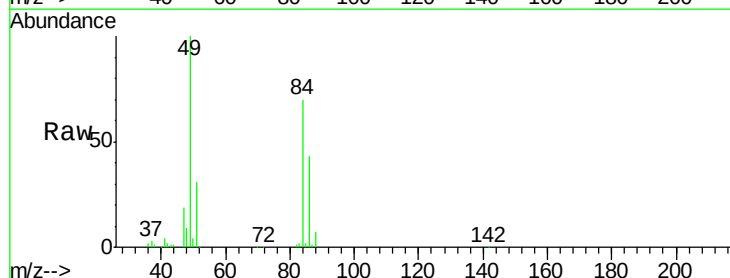
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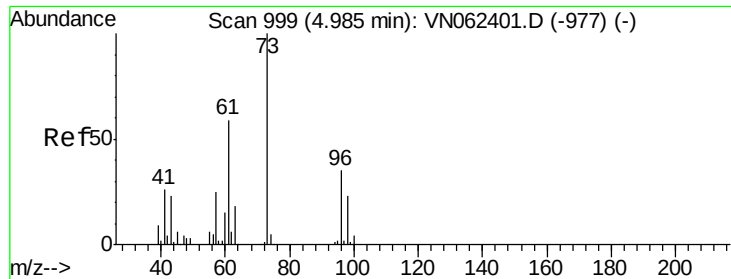
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#20
Methylene Chloride
Concen: 48.408 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion: 84 Resp: 140413
Ion Ratio Lower Upper
84 100
49 142.7 120.0 180.0
51 44.2 37.0 55.6
86 61.7 51.8 77.6





#21

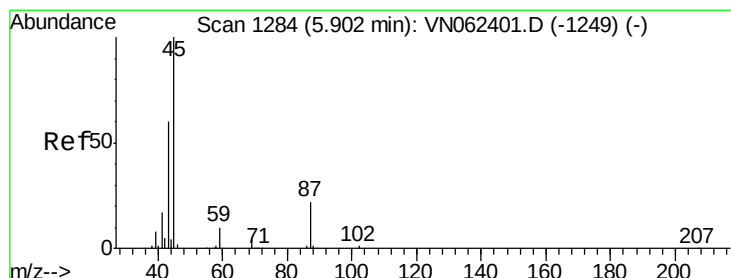
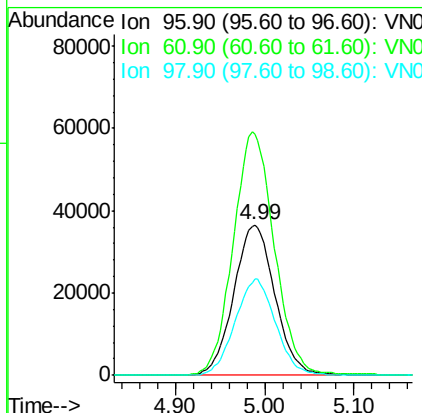
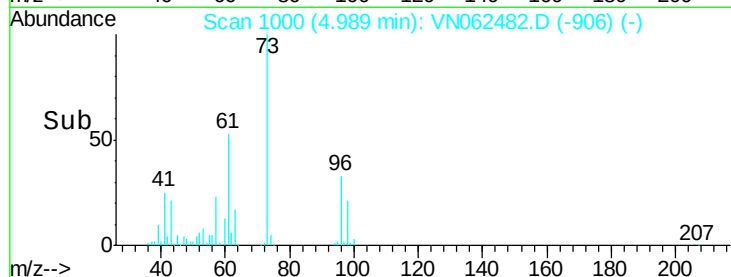
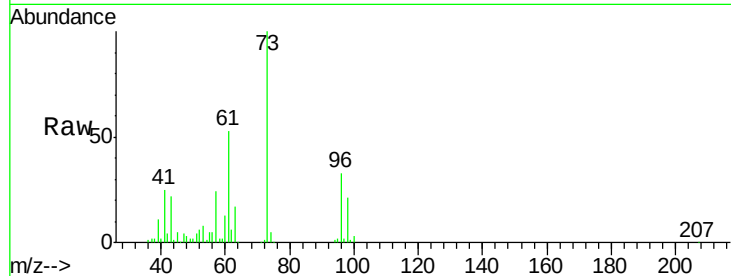
trans-1,2-Dichloroethene
Concen: 50.711 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.8	133.5	200.3
98	64.5	51.9	77.9

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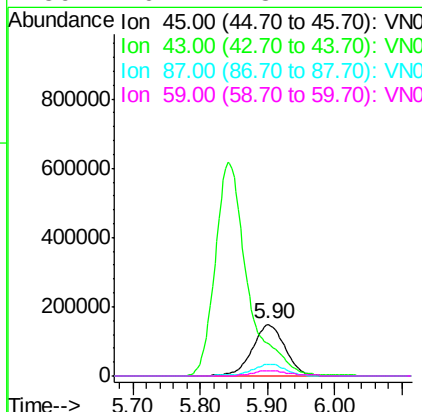
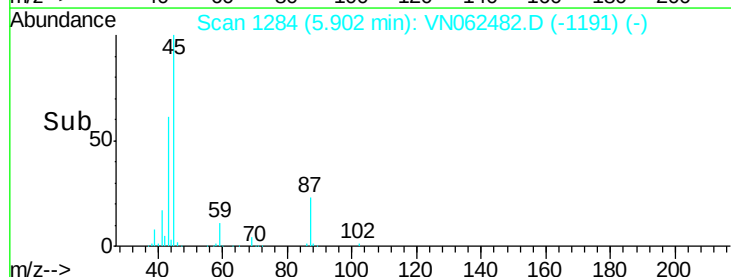
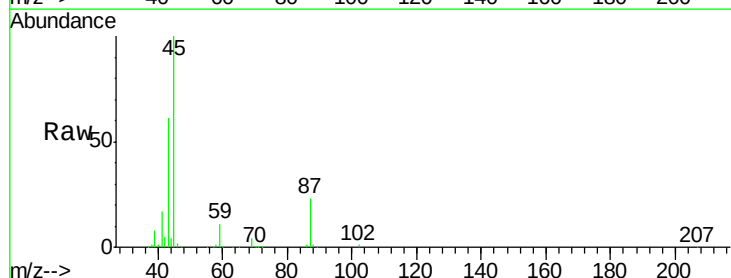
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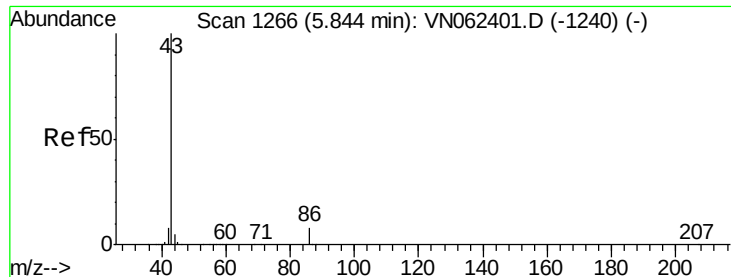


#22

Diisopropyl ether
Concen: 50.989 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.0	50.1	75.1
87	23.2	18.2	27.4
59	10.4	8.2	12.2





#23

Vinyl Acetate

Concen: 252.361 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2071255

Ion Ratio Lower Upper

43 100

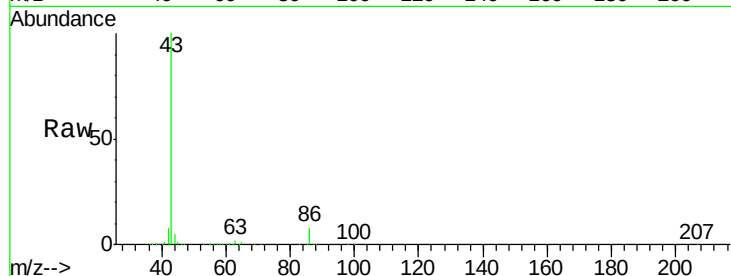
86 8.1 6.7 10.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

600000

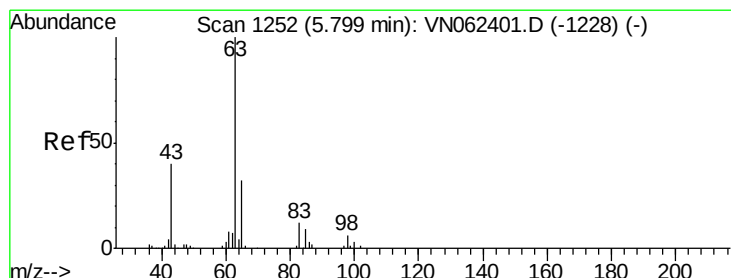
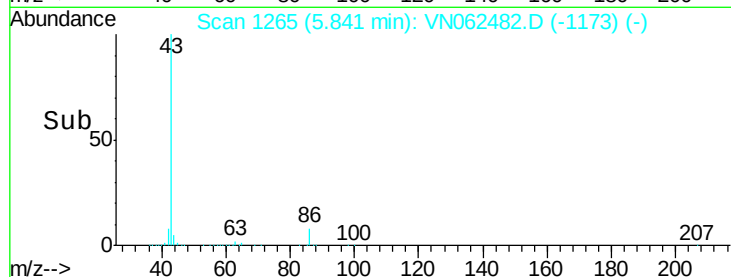
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 50.610 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

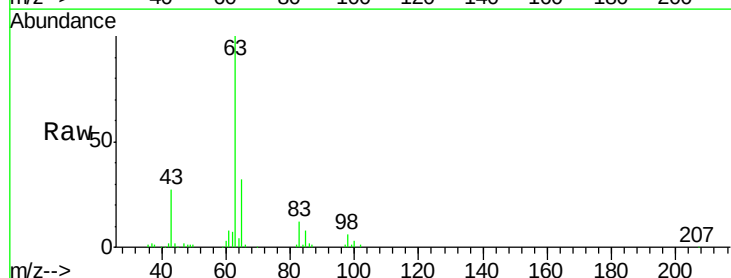
Tgt Ion: 63 Resp: 259113

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.5 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

60000

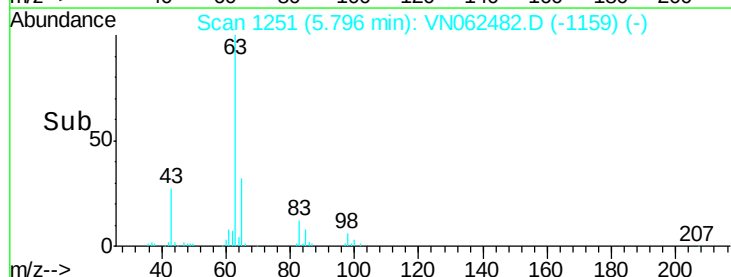
40000

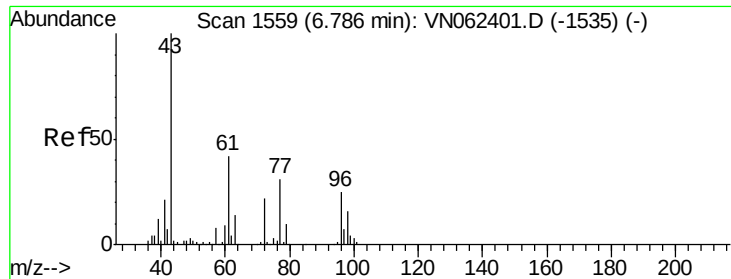
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 246.608 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 488597

Ion Ratio Lower Upper

43 100

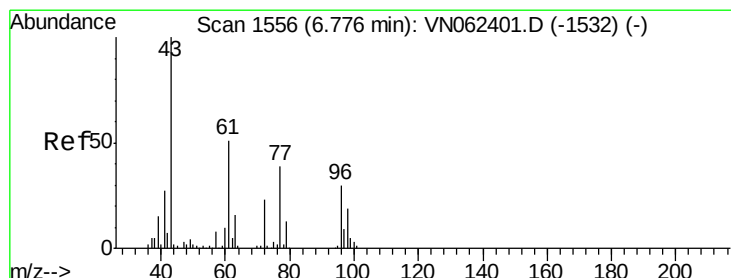
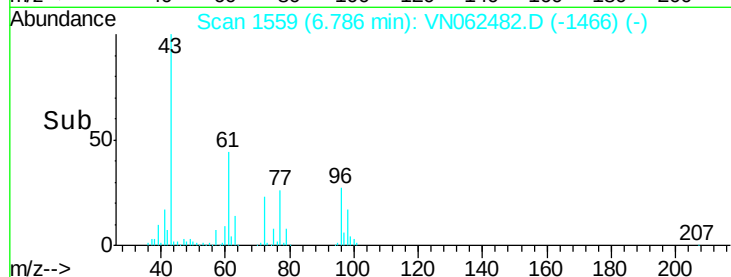
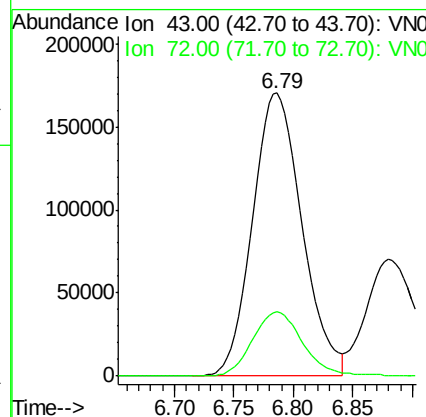
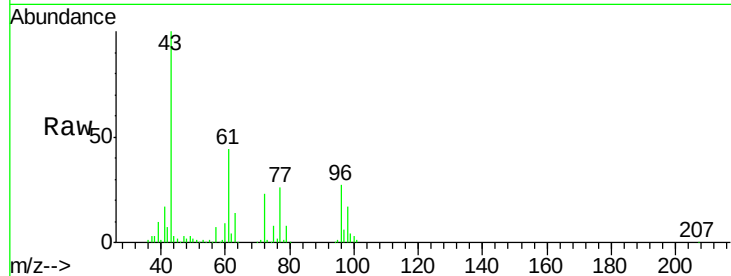
72 22.7 17.9 26.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.071 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062482.D

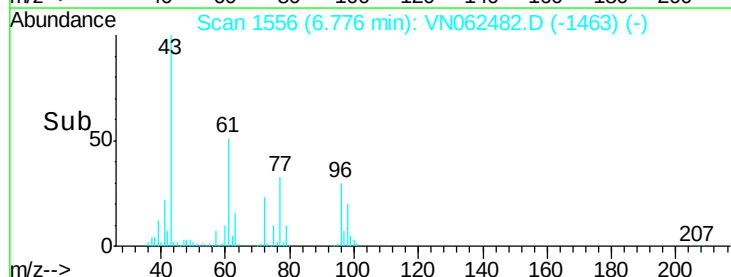
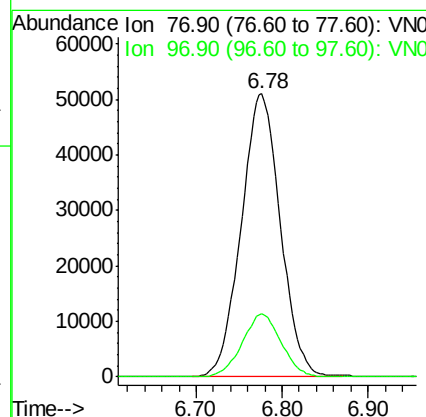
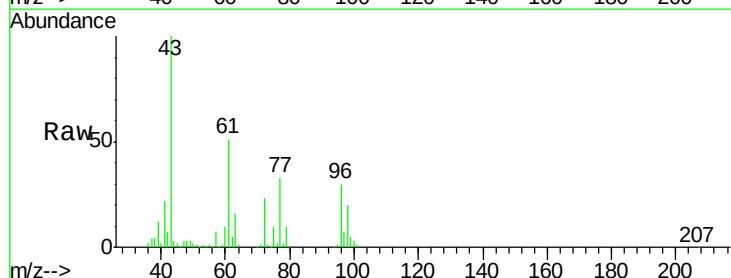
Acq: 10 Jul 2020 2:17

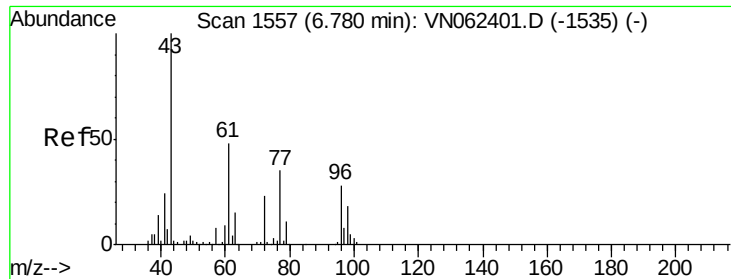
Tgt Ion: 77 Resp: 161227

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.354 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

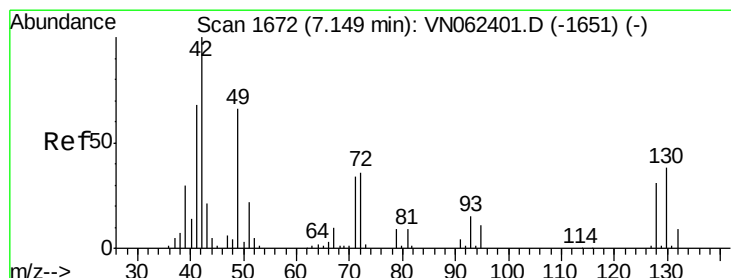
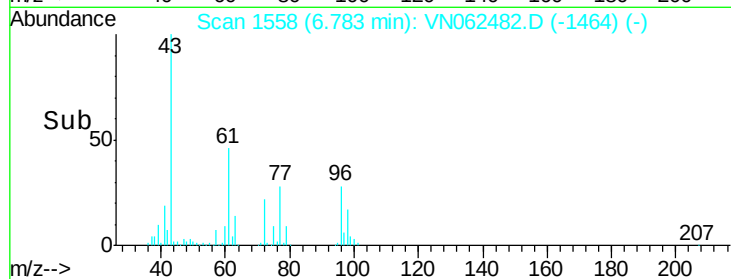
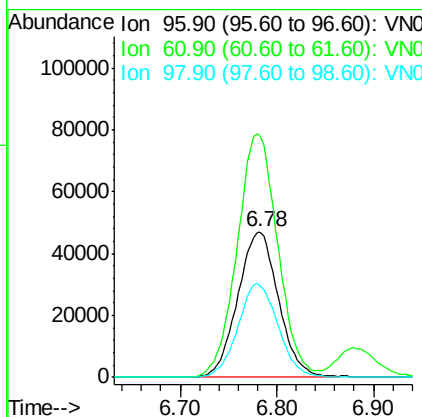
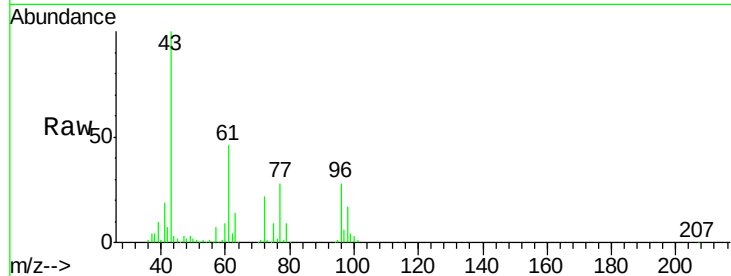
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	137406
Ion	Ratio	Lower	Upper
96	100		
61	166.4	0.0	343.4
98	63.5	0.0	128.4

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#28

Bromochloromethane

Concen: 48.178 ug/l

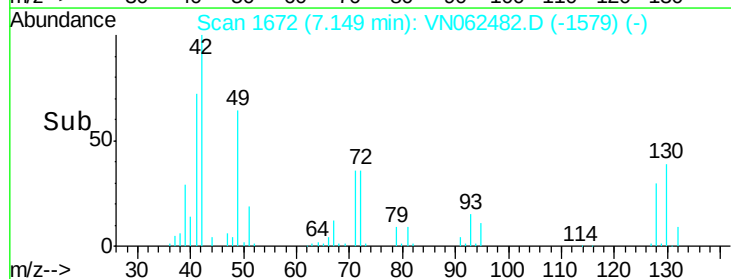
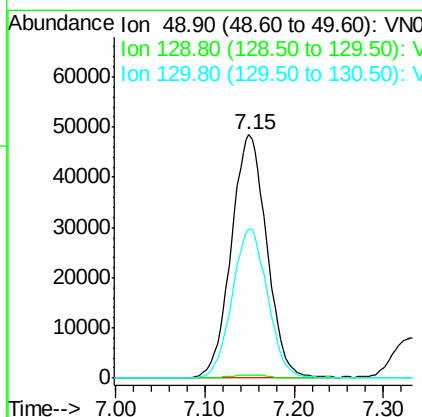
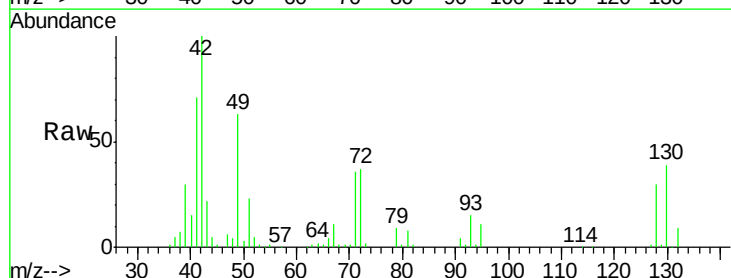
RT: 7.15 min Scan# 1672

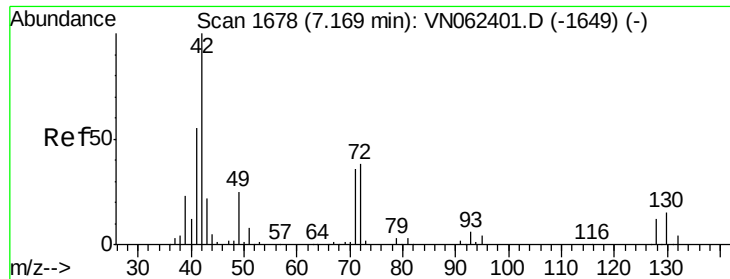
Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion:	49	Resp:	134010
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.8
130	60.9	46.5	69.7





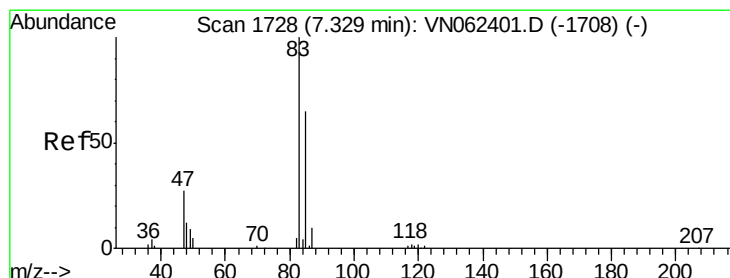
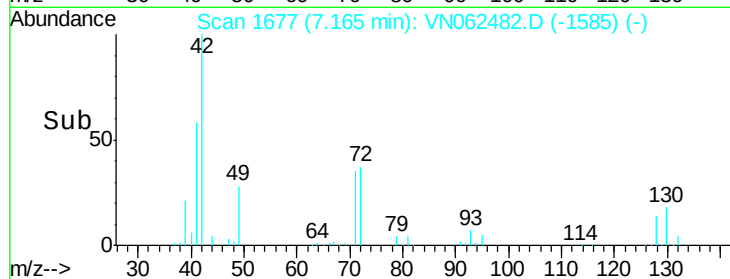
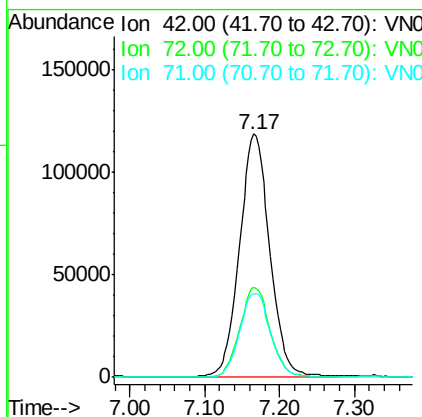
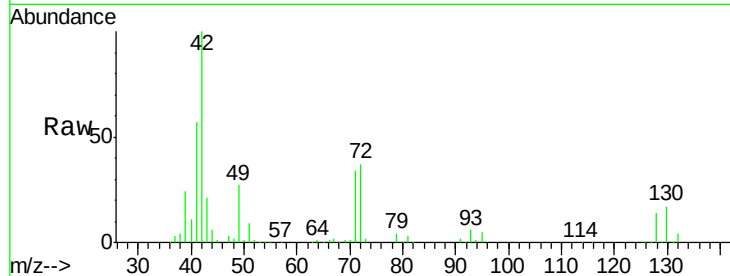
#29
Tetrahydrofuran
Concen: 251.580 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.0	29.1	43.7
71	35.0	28.1	42.1

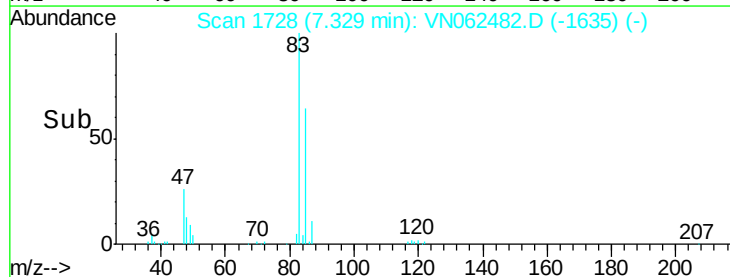
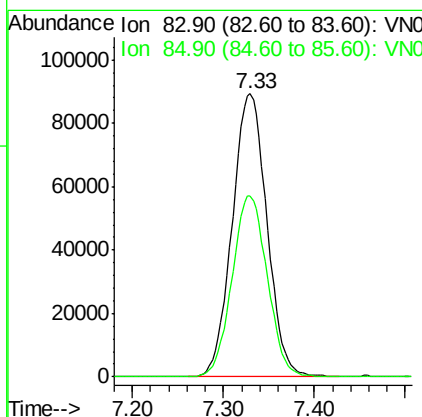
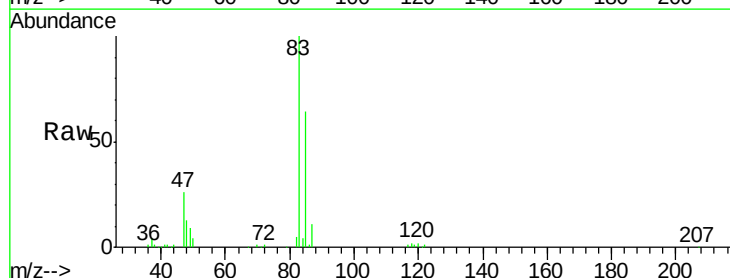
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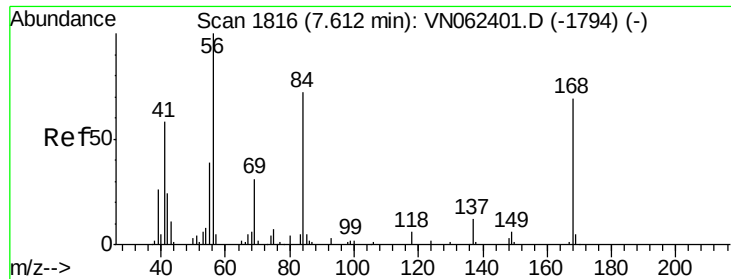
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#30
Chloroform
Concen: 51.240 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.6





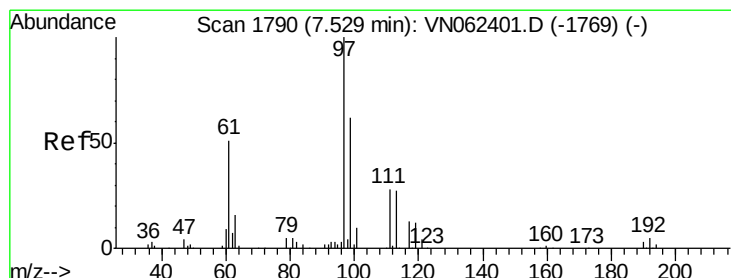
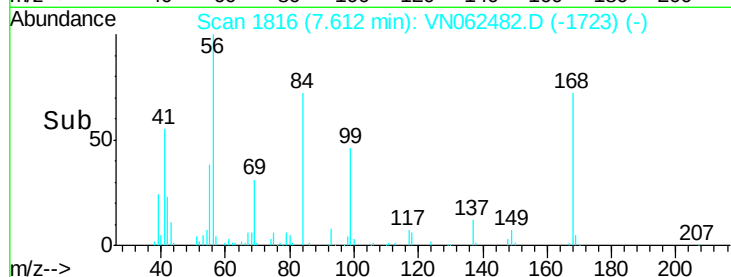
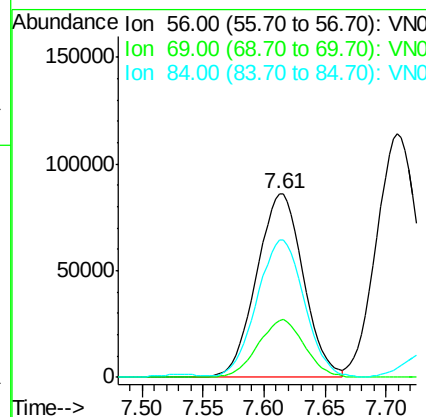
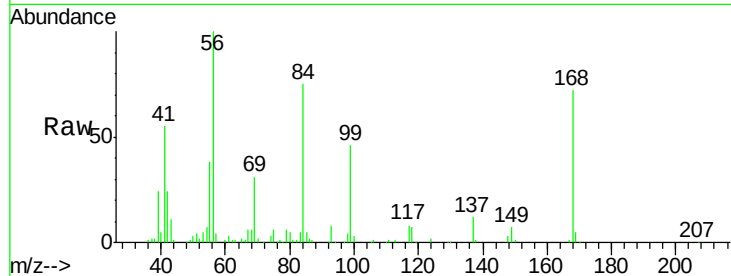
#31
Cyclohexane
Concen: 47.273 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.5	36.7
84	73.7	57.4	86.2

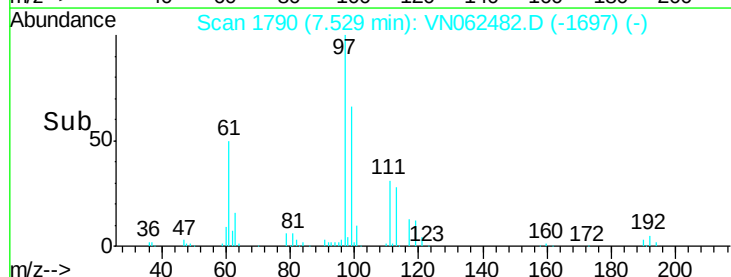
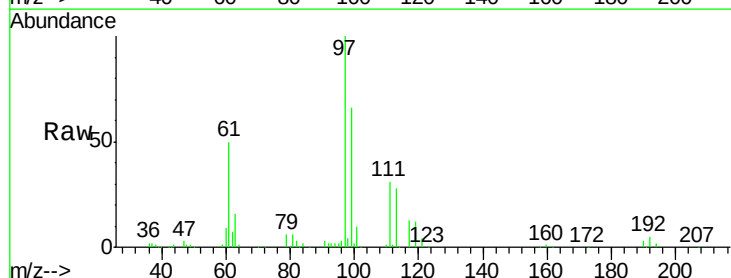
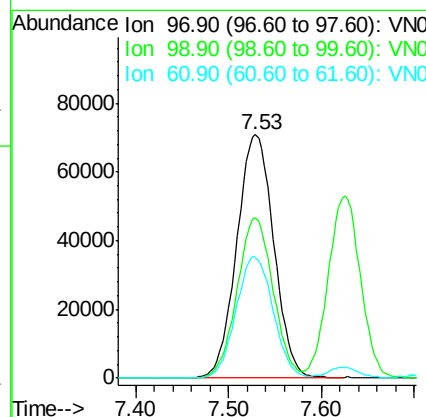
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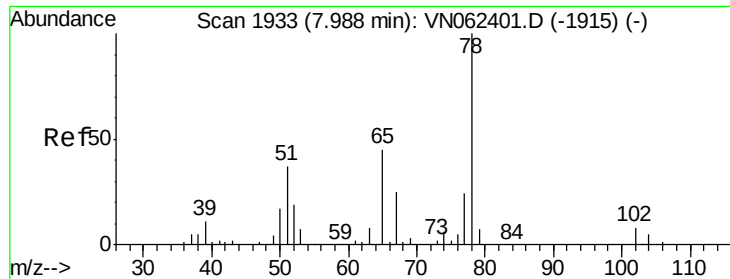
MMDadoda
7/10/2020 9:23:01 AM



#32
1,1,1-Trichloroethane
Concen: 51.053 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.4	75.6
61	49.9	39.9	59.9





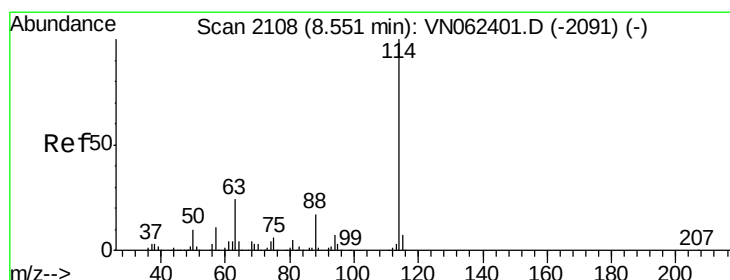
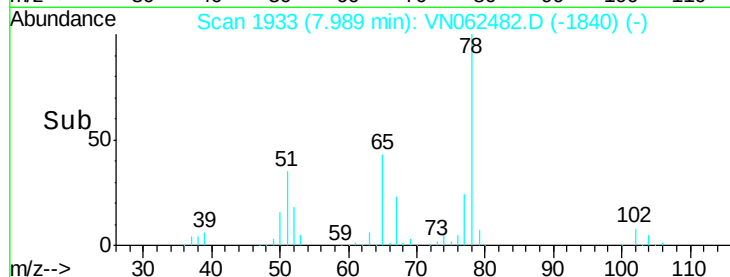
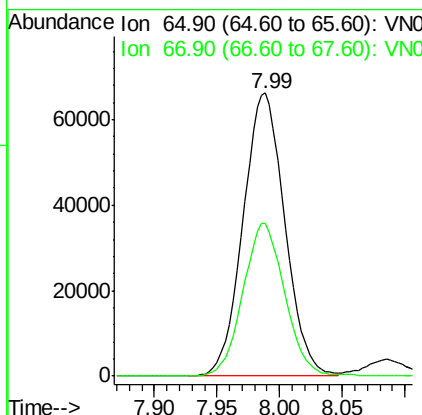
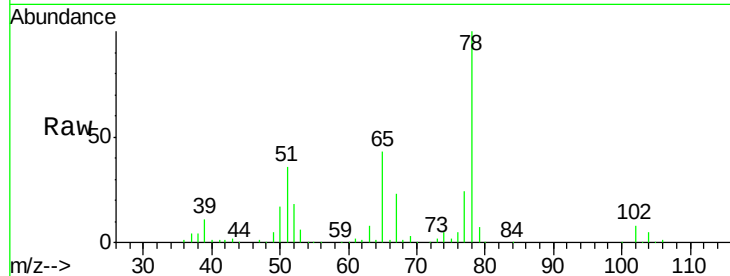
#33
 1,2-Dichloroethane-d4
 Concen: 48.042 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	153514		
67	54.0	0.0	107.6	

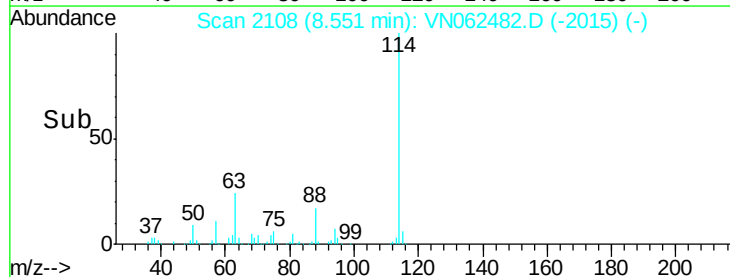
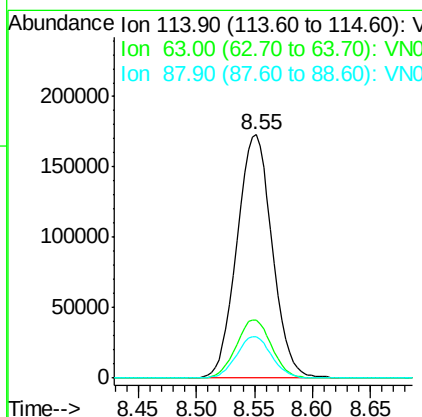
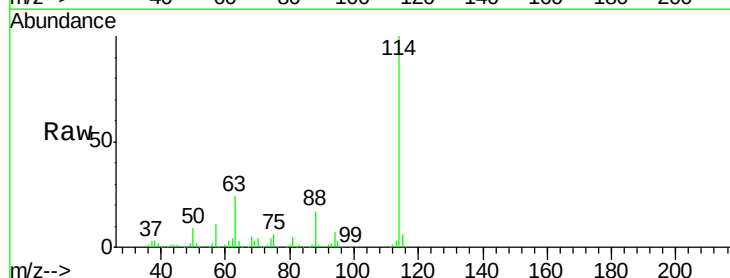
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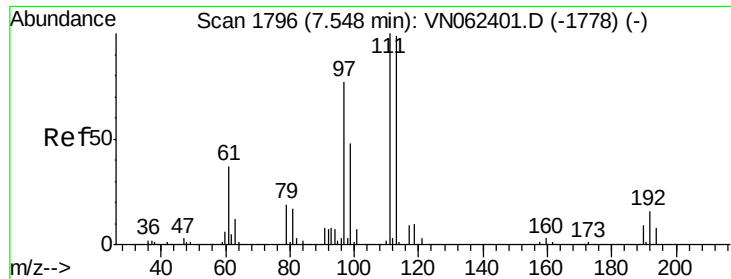
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 7/10/2020 9:23:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	366189		
63	23.7	0.0	48.4	
88	17.0	0.0	33.8	





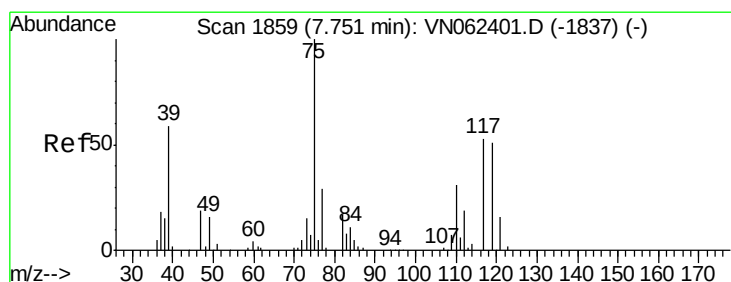
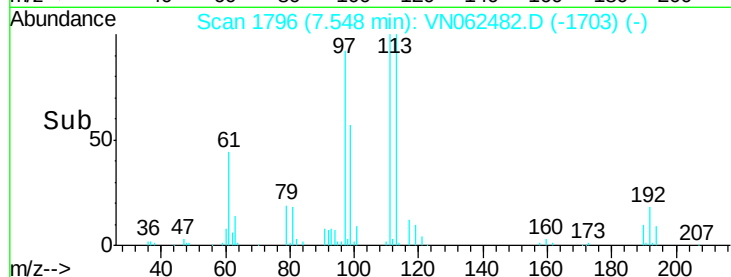
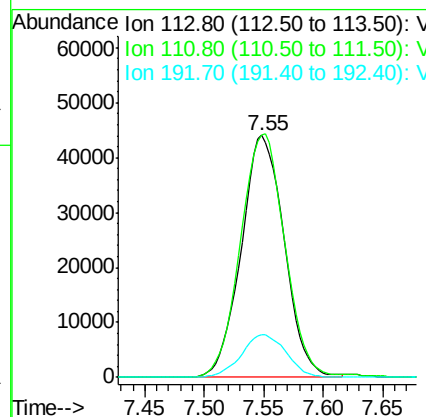
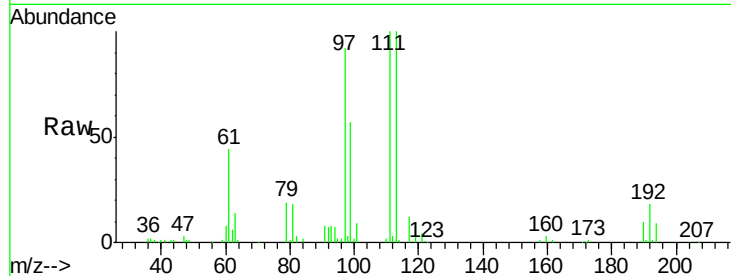
#35
 Dibromofluoromethane
 Concen: 48.799 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110458		
111	103.3	83.1	124.7	
192	18.3	14.1	21.1	

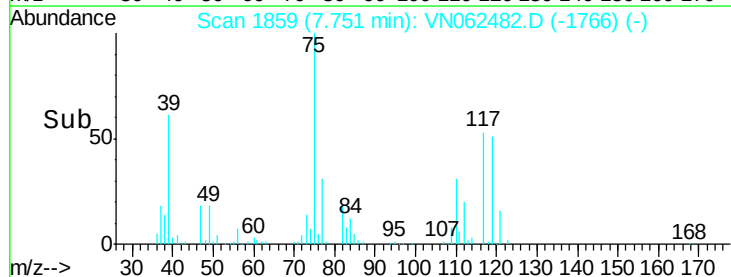
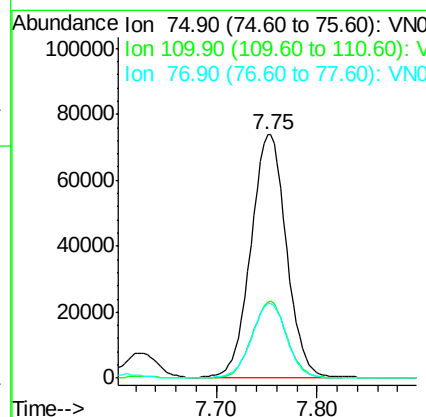
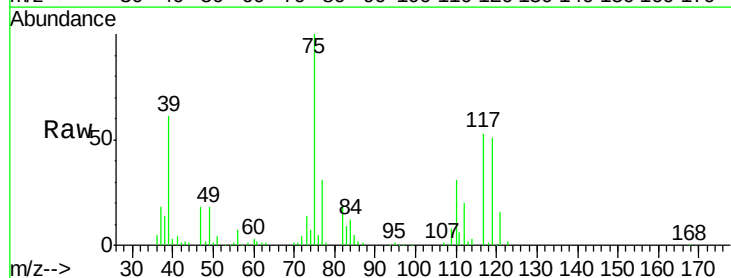
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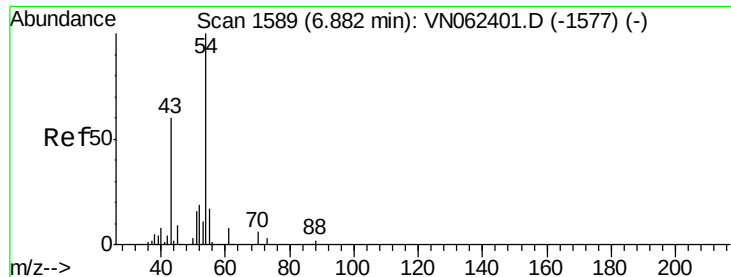
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 48.530 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	179043		
110	31.0	15.4	46.2	
77	30.8	24.1	36.1	





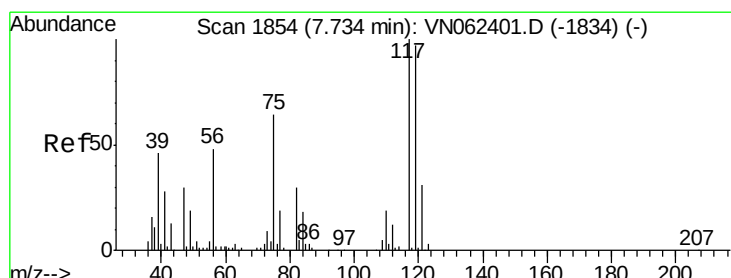
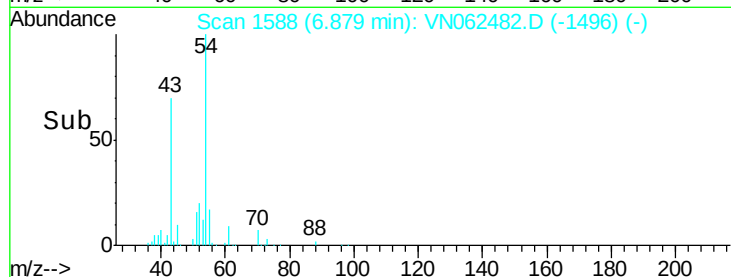
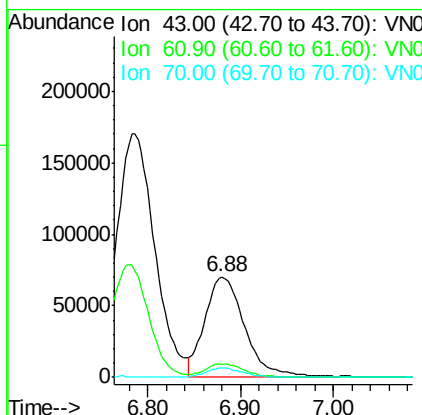
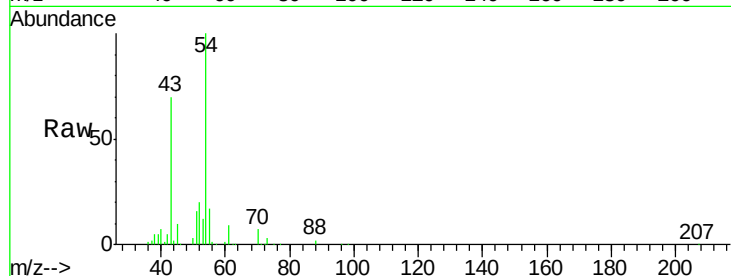
#37
Ethyl Acetate
Concen: 47.593 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	205313
Ion Ratio	100	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	9.0	7.2	10.8

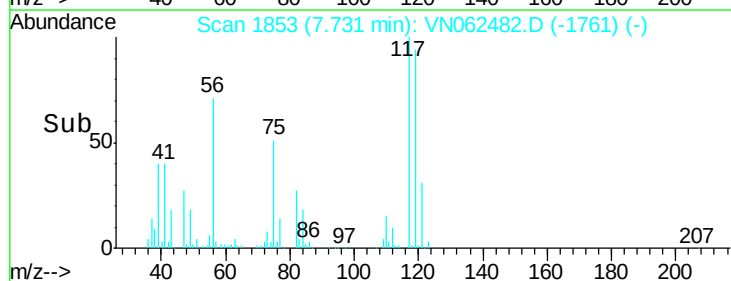
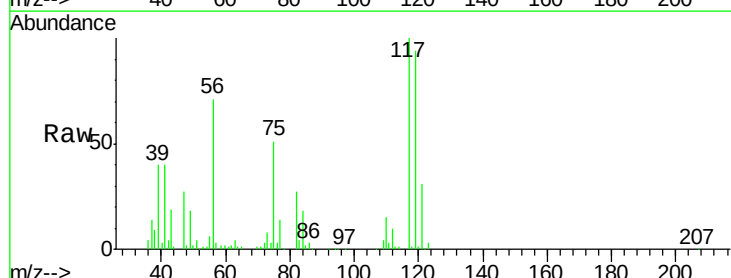
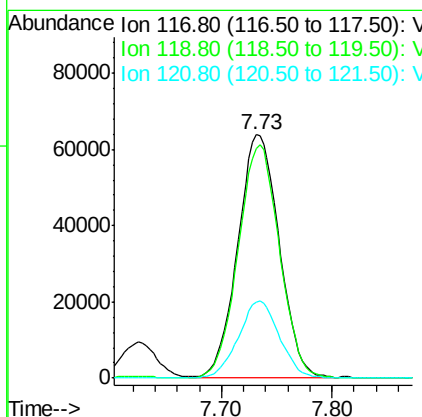
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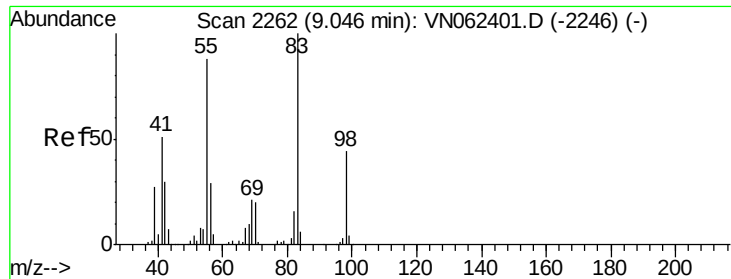
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#38
Carbon Tetrachloride
Concen: 49.794 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	117	Resp	165157
Ion Ratio	100	Lower	Upper
117	100		
119	94.8	77.2	115.8
121	31.4	24.8	37.2





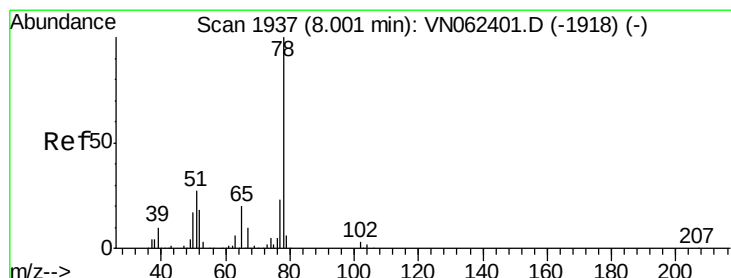
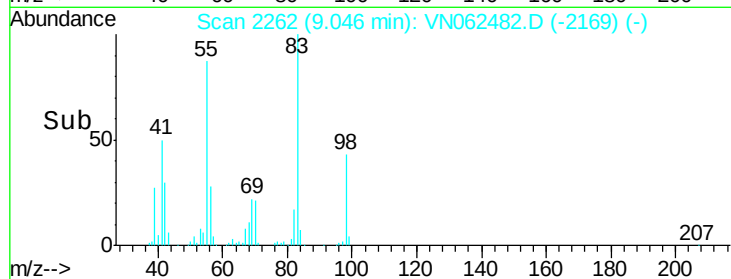
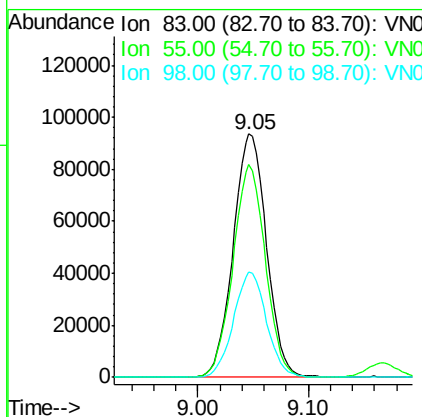
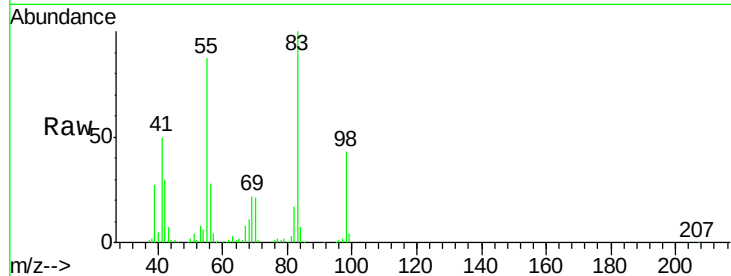
#39
Methylvlcyclohexane
Concen: 49.763 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	196000
Ion Ratio	Lower	Upper	
83	100		
55	87.5	70.5	105.7
98	43.3	35.5	53.3

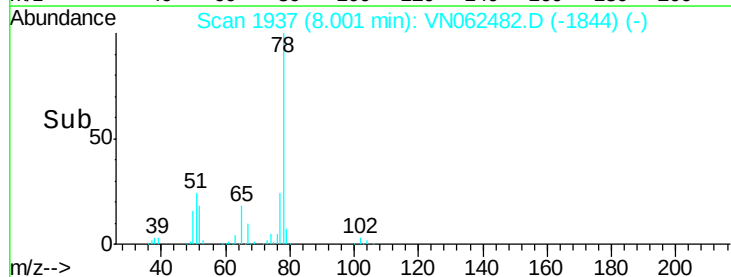
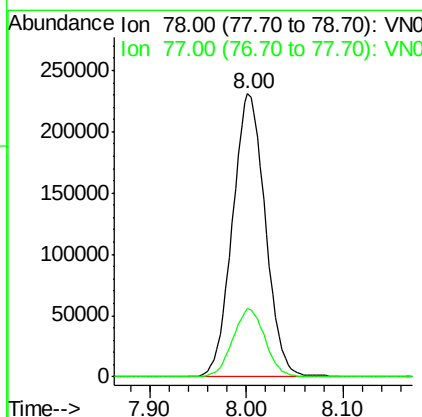
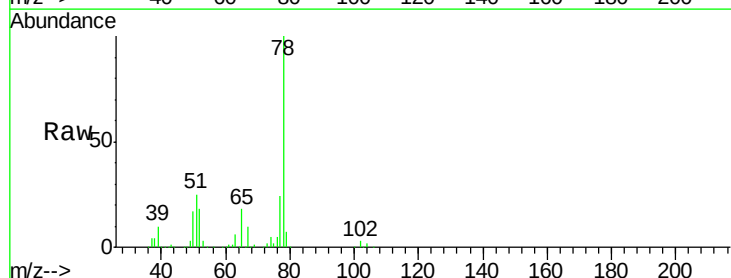
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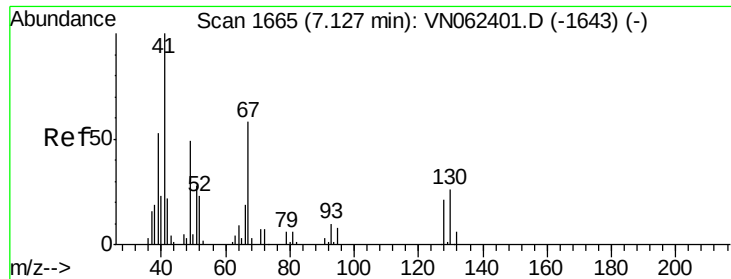
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#40
Benzene
Concen: 50.025 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	78	Resp	543937
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.7	28.1





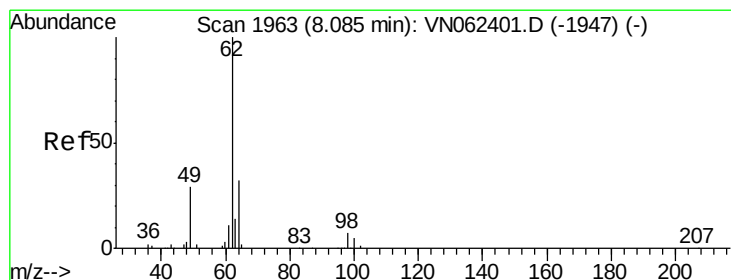
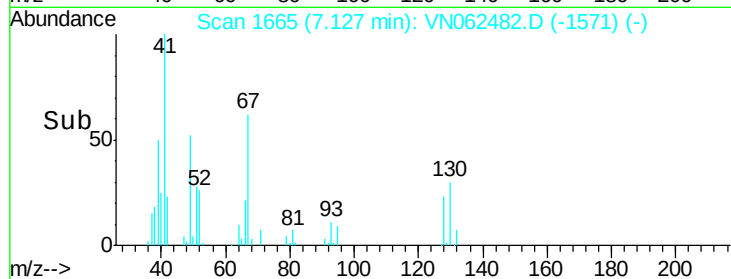
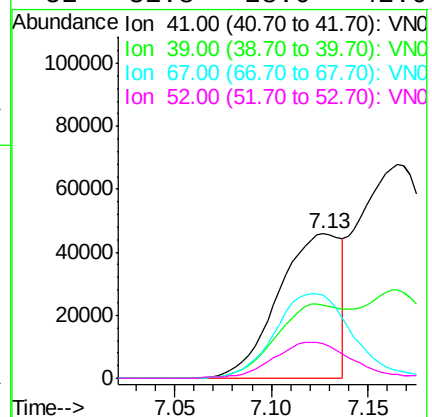
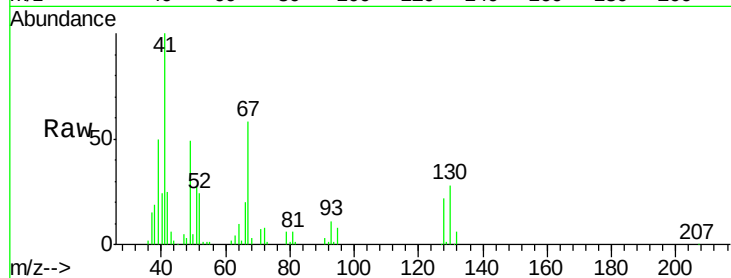
#41
Methacrylonitrile
Concen: 57.407 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	50.2	75.2	
67	73.1	64.2	96.2	
52	31.8	28.0	42.0	

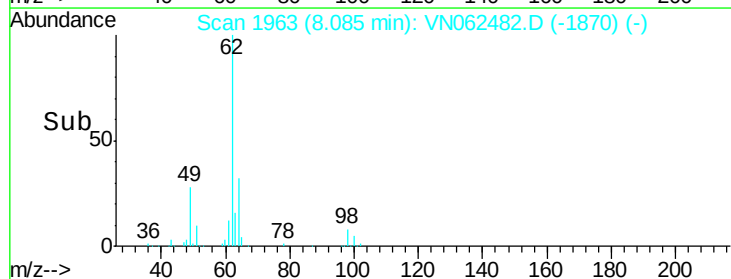
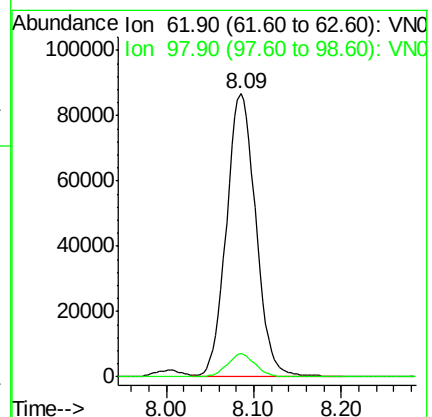
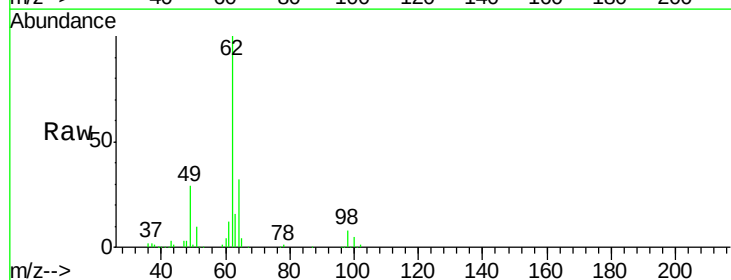
Manual Integrations
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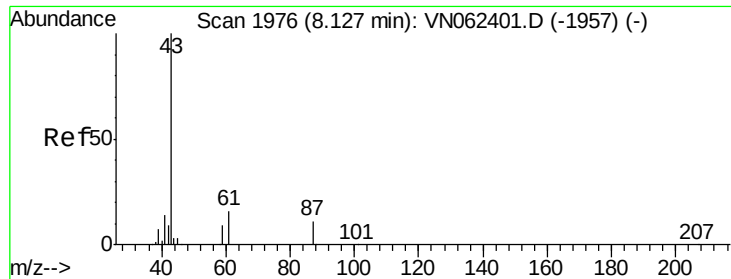
MMDadoda
7/10/2020 9:23:01 AM



#42
1,2-Dichloroethane
Concen: 50.610 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.9	0.0	15.8	





#43

Isopropyl Acetate

Concen: 50.266 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

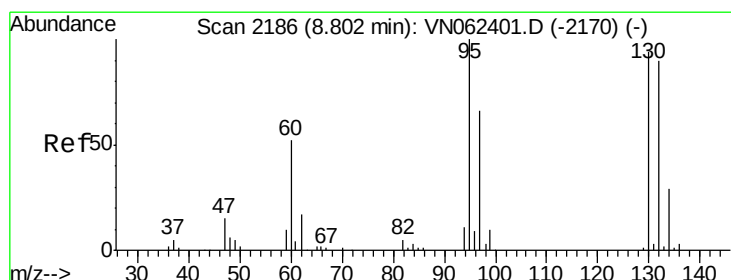
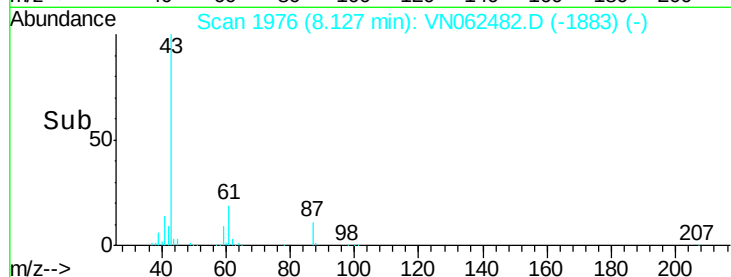
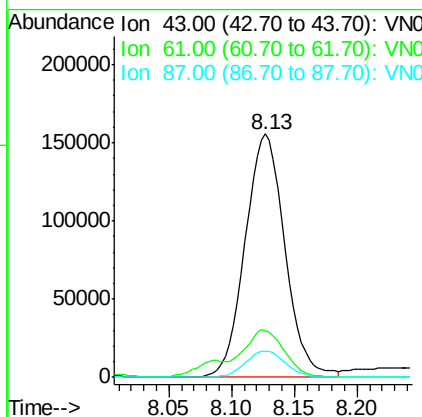
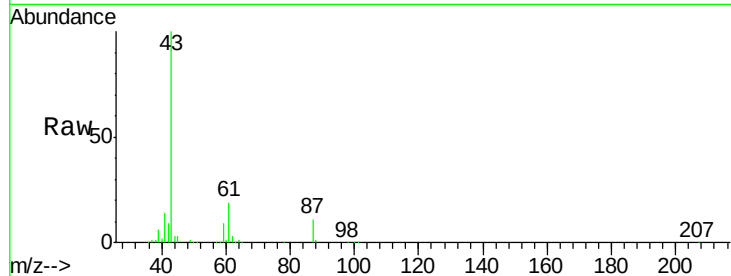
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	Resp	342552
Ion Ratio	Lower	Upper	
43	100		
61	19.4	19.3	28.9
87	11.0	8.6	13.0

Manual Integrations
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7/10/2020 9:23:01 AM



#44

Trichloroethene

Concen: 50.497 ug/l

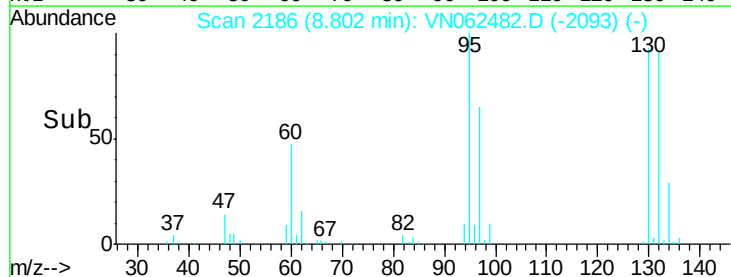
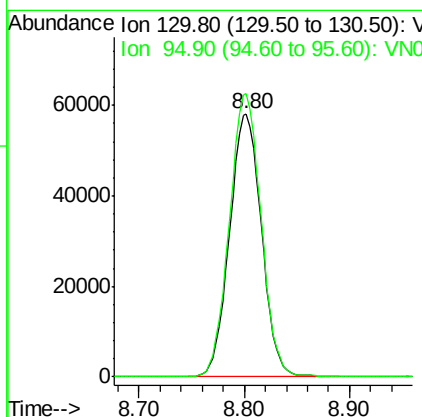
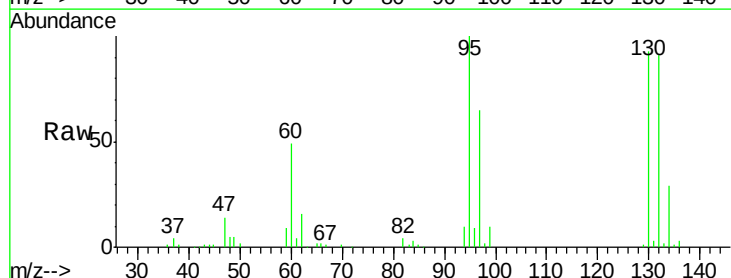
RT: 8.80 min Scan# 2186

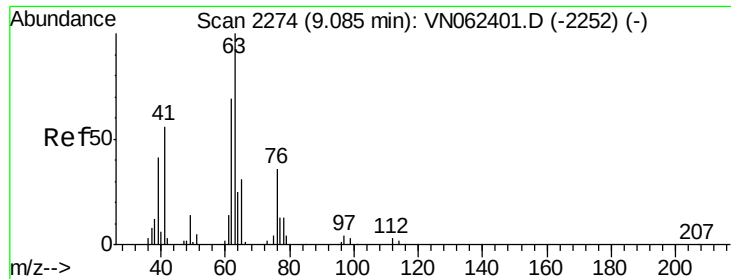
Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion	130	Resp	121821
Ion Ratio	Lower	Upper	
130	100		
95	107.5	0.0	213.8





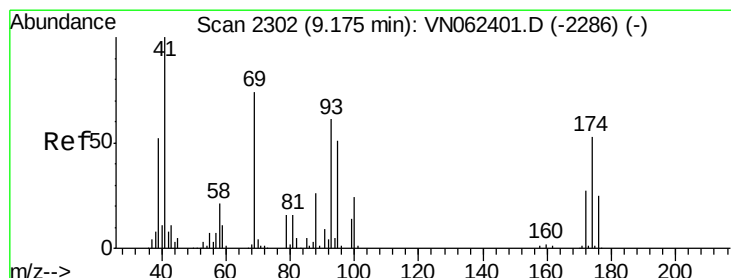
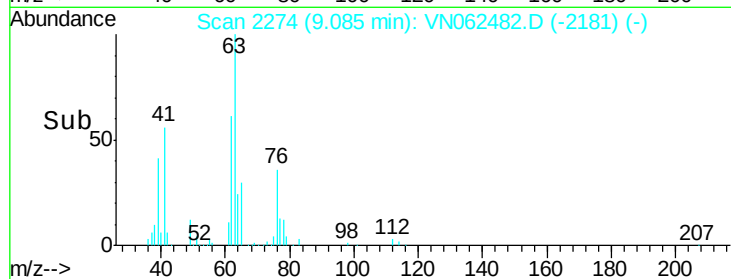
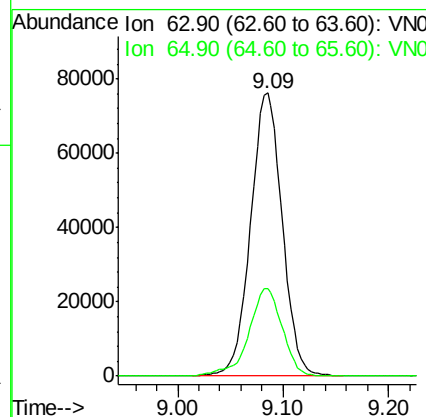
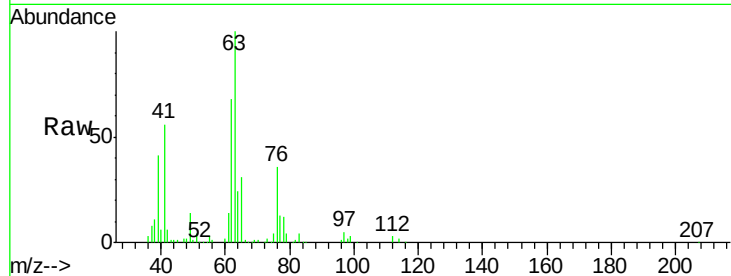
#45
 1,2-Dichloropropane
 Concen: 50.396 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	36.8

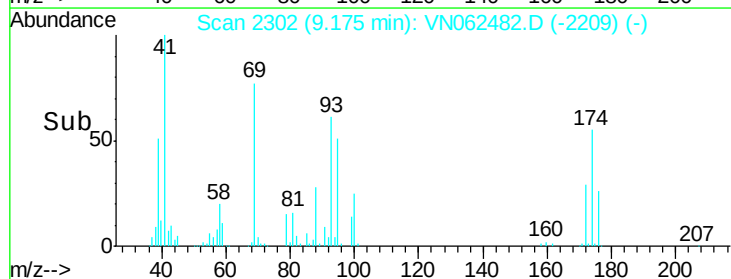
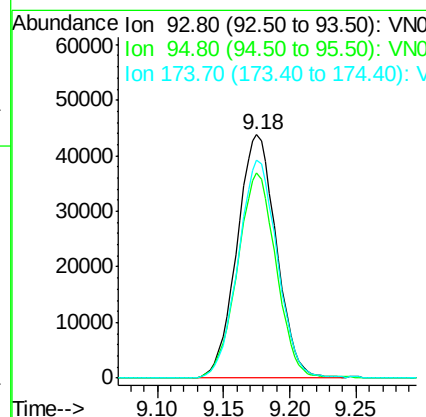
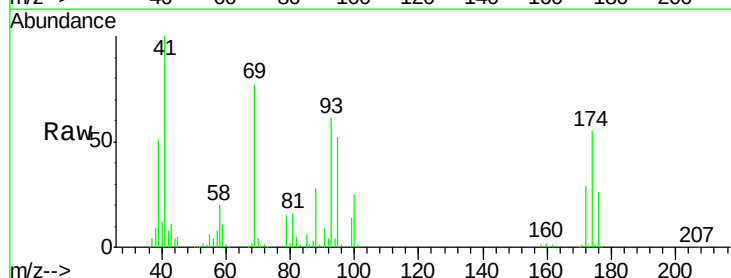
Manual Integrations
 APPROVED

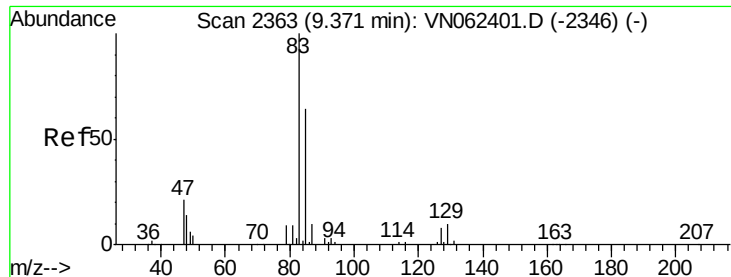
MMDadoda
 7/10/2020 9:23:01 AM



#46
 Dibromomethane
 Concen: 50.737 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.1	100.7
174	89.0	70.4	105.6





#47

Bromodichloromethane

Concen: 50.760 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

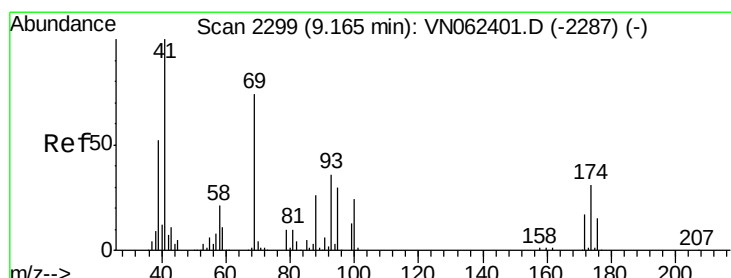
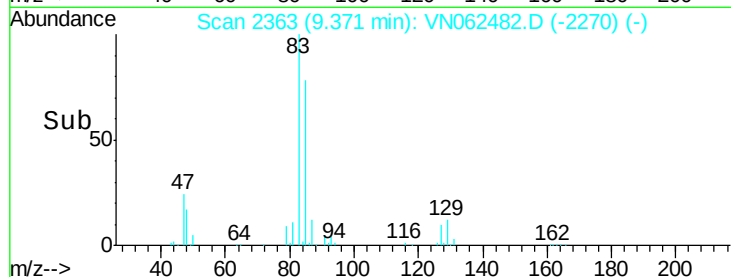
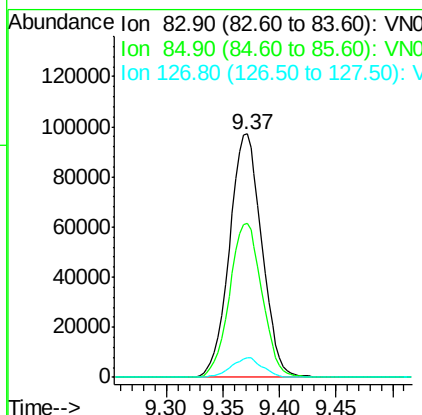
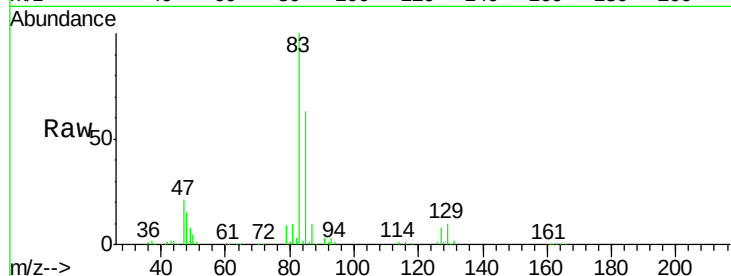
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	193307
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.2	76.8
127	8.0	6.2	9.2

Manual Integrations
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MMDadoda
7/10/2020 9:23:01 AM



#48

Methyl methacrylate

Concen: 50.255 ug/l

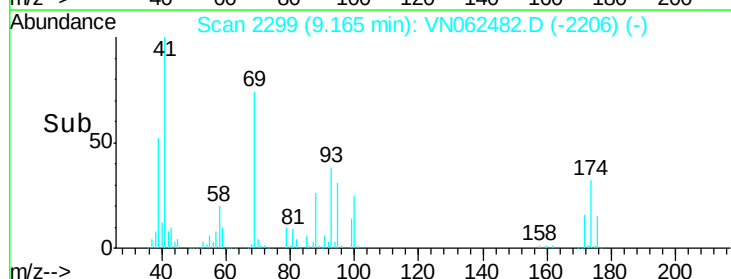
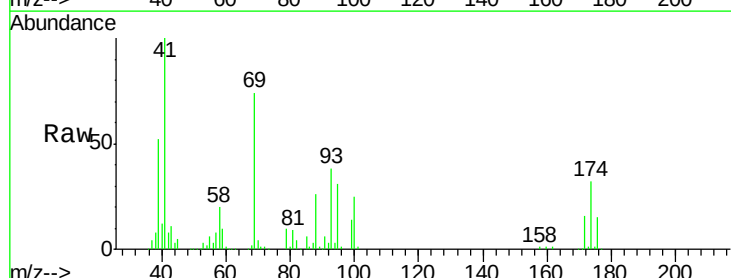
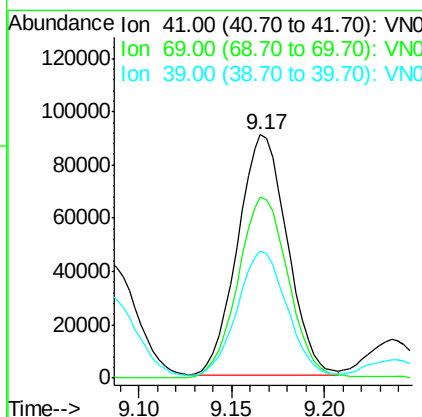
RT: 9.17 min Scan# 2299

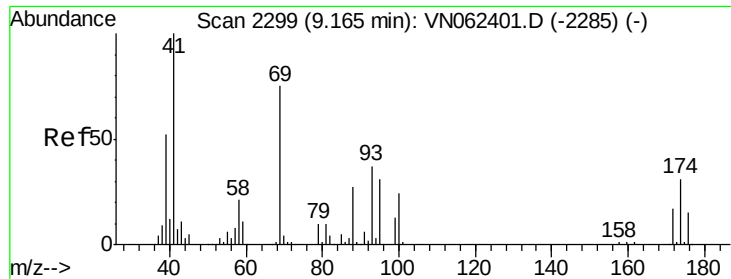
Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion:	41	Resp:	167996
Ion Ratio	Lower	Upper	
41	100		
69	77.2	60.8	91.2
39	53.7	43.5	65.3





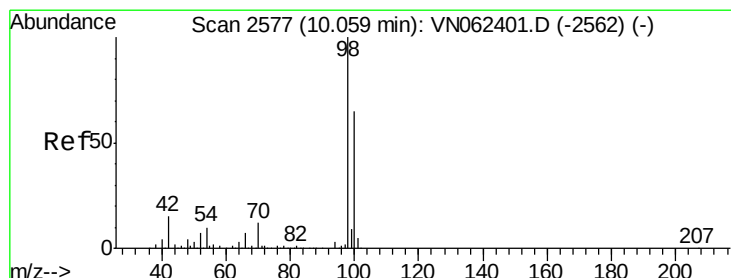
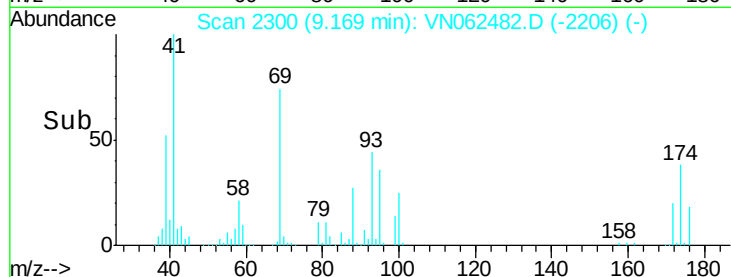
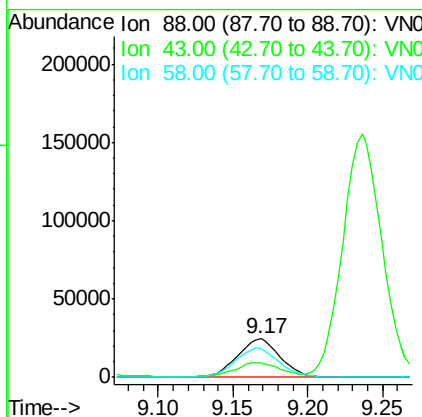
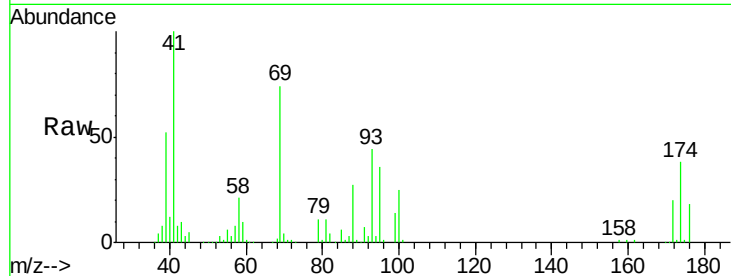
#49
1,4-Dioxane
Concen: 1004.455 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	31.0	46.4
58	77.8	63.3	94.9

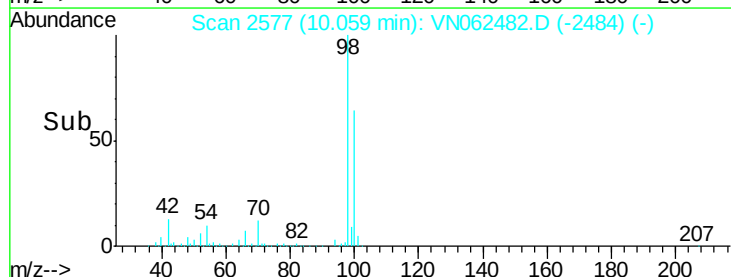
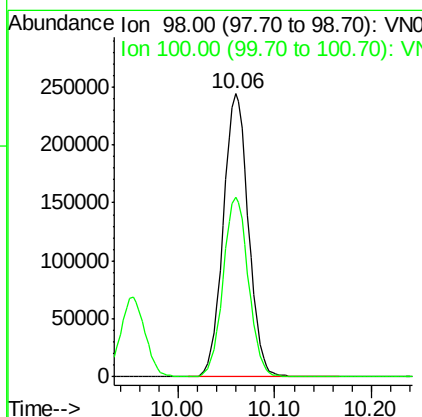
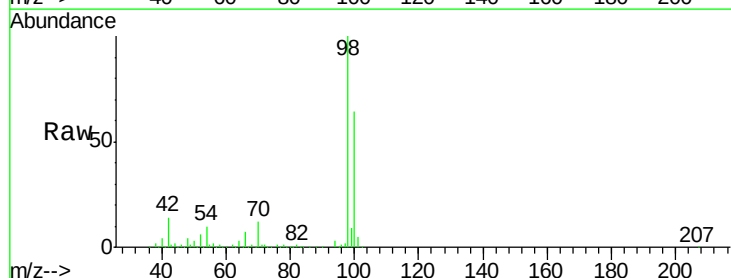
Manual Integrations
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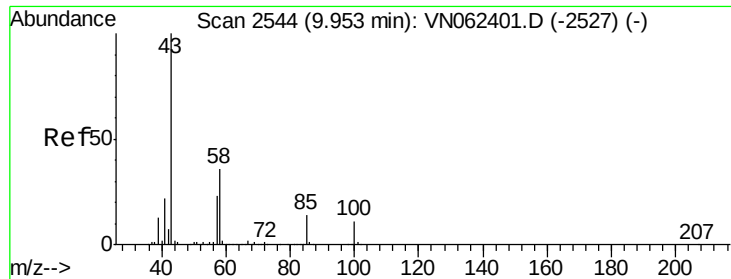
MMDadoda
7/10/2020 9:23:01 AM



#50
Toluene-d8
Concen: 49.351 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 256.230 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1042950

Ion Ratio Lower Upper

43 100

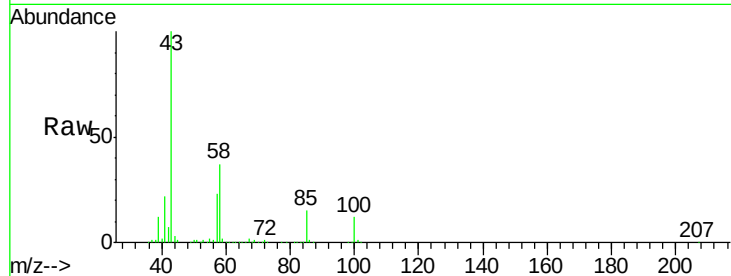
58 36.8 29.0 43.6

Manual Integrations

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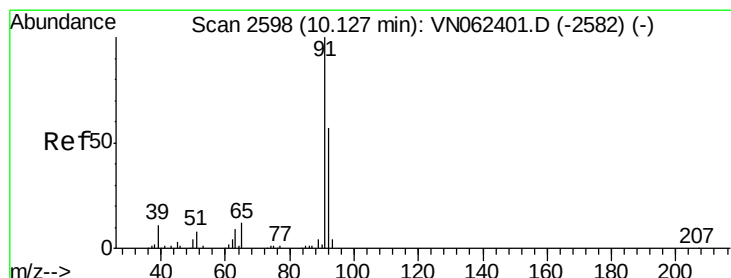
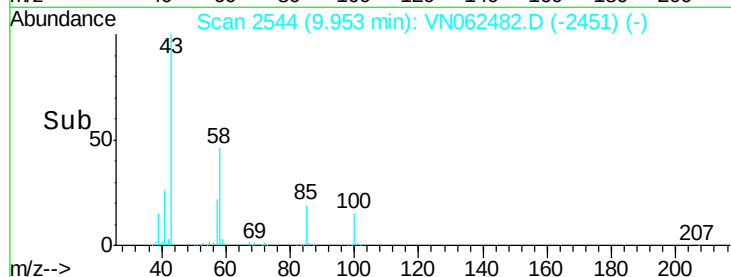
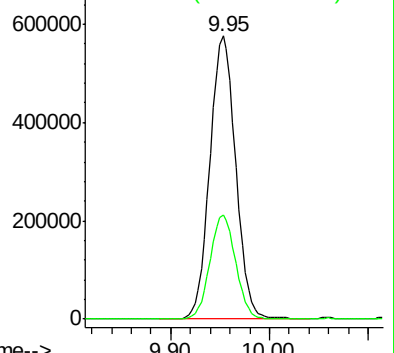
MMDadoda

7/10/2020 9:23:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.338 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062482.D

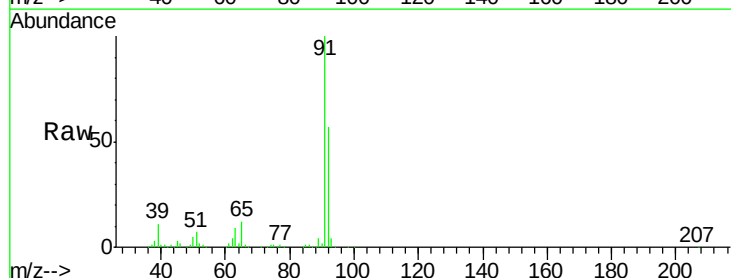
Acq: 10 Jul 2020 2:17

Tgt Ion: 92 Resp: 322429

Ion Ratio Lower Upper

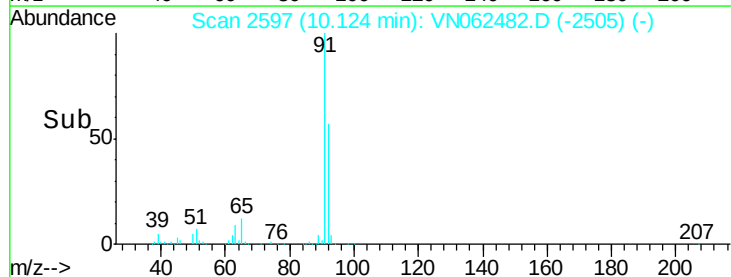
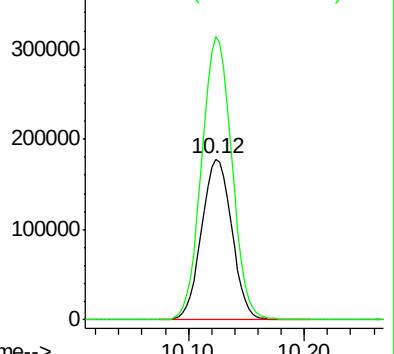
92 100

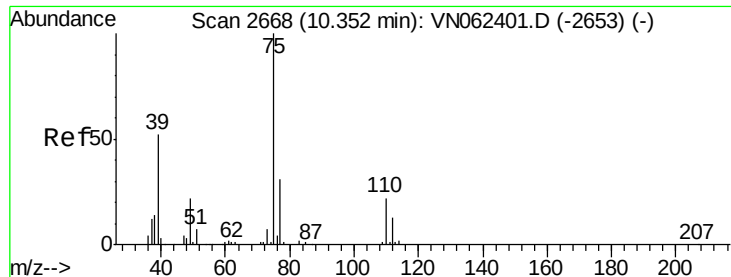
91 175.9 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





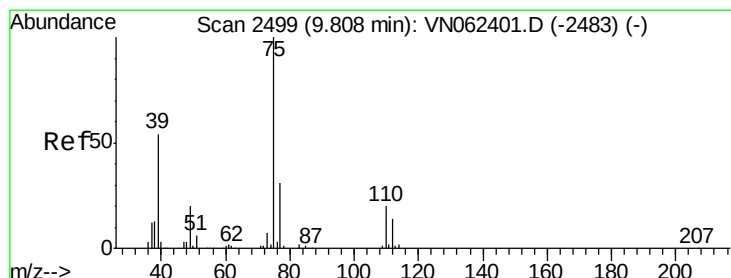
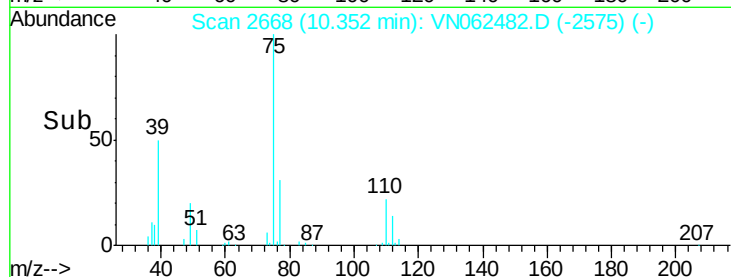
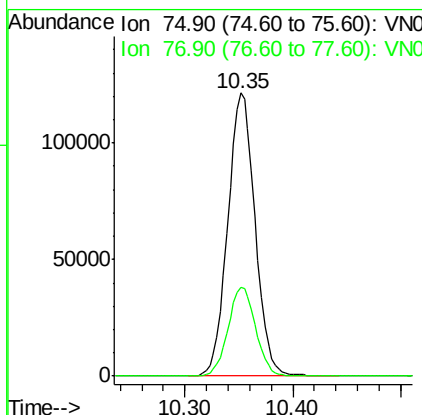
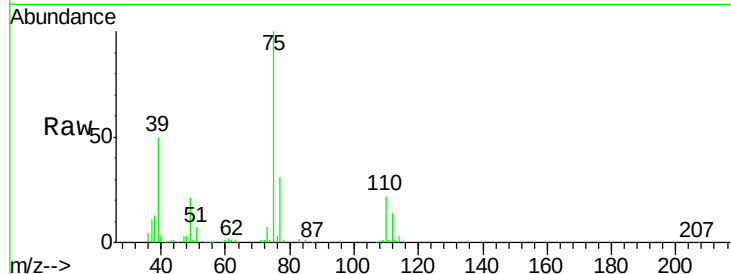
#53
t-1,3-Dichloropropene
Concen: 49.932 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8

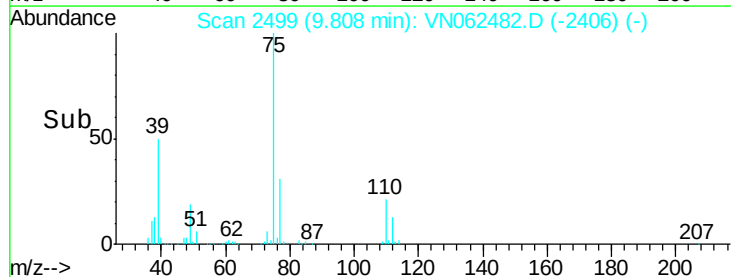
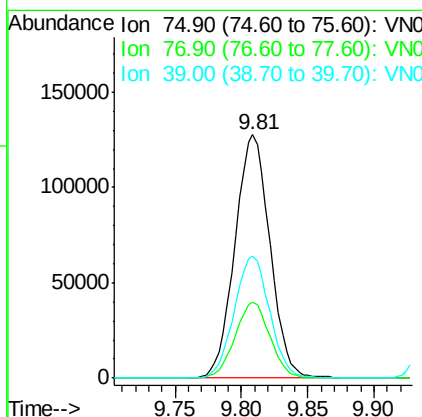
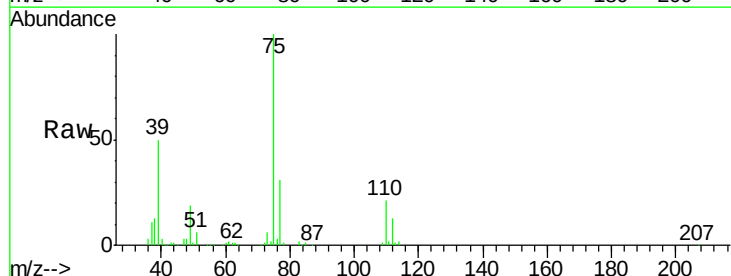
Manual Integrations
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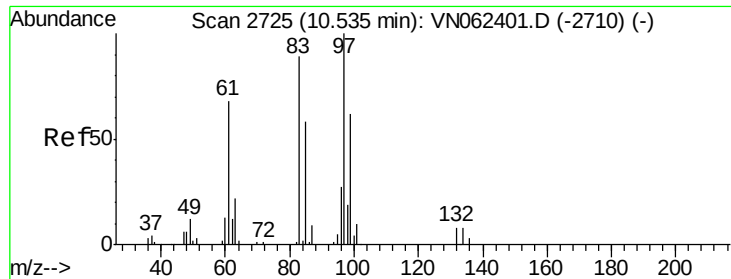
MMDadoda
7/10/2020 9:23:01 AM



#54
cis-1,3-Dichloropropene
Concen: 49.721 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.5	36.7
39	50.4	43.4	65.0





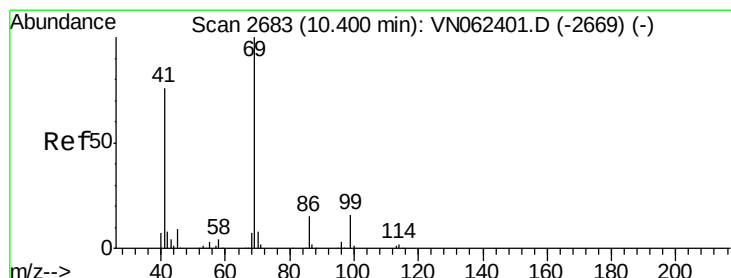
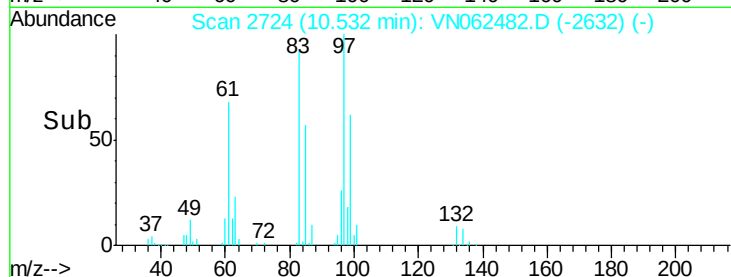
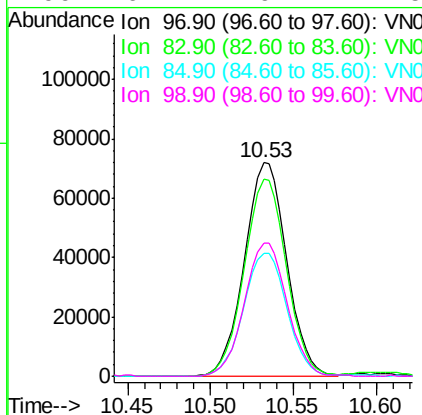
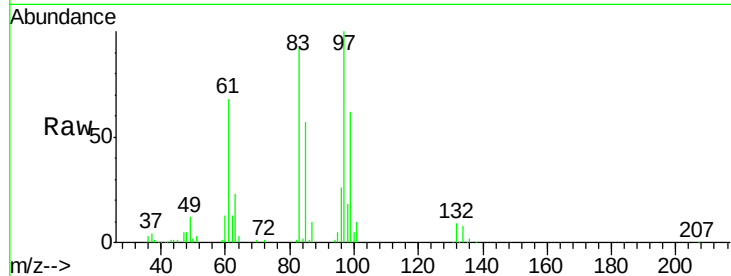
#55
 1,1,2-Trichloroethane
 Concen: 51.830 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	128028
Ion	Ratio	Lower	Upper
97	100		
83	92.2	71.0	106.4
85	57.4	46.2	69.4
99	62.4	49.7	74.5

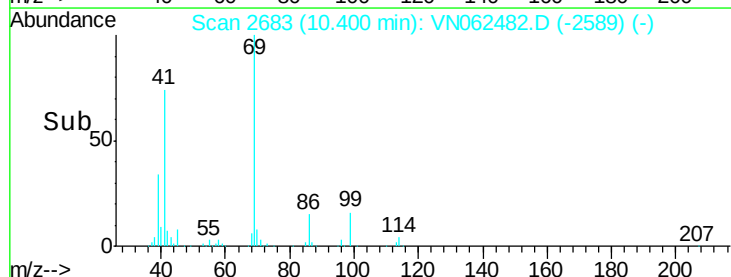
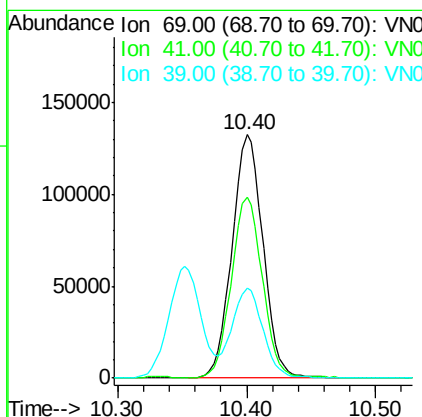
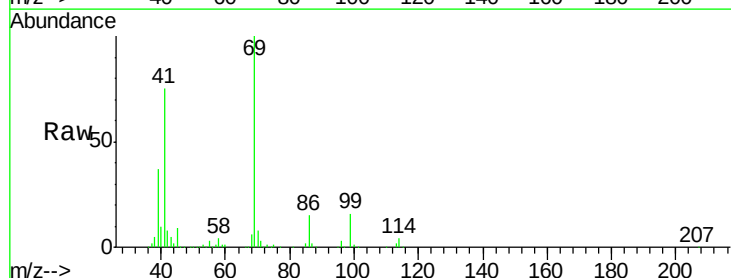
Manual Integrations
 APPROVED

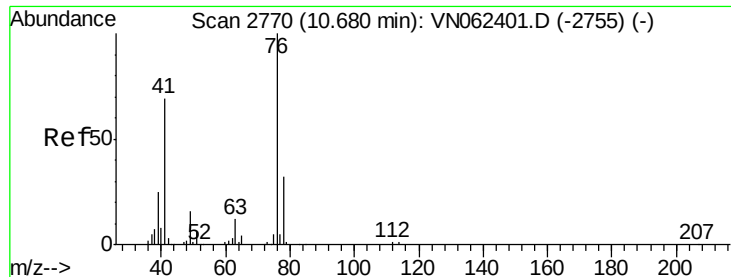
MMDadoda
 7/10/2020 9:23:01 AM



#56
 Ethyl methacrylate
 Concen: 48.732 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion:	69	Resp:	221330
Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.7	89.5
39	36.5	30.6	45.8





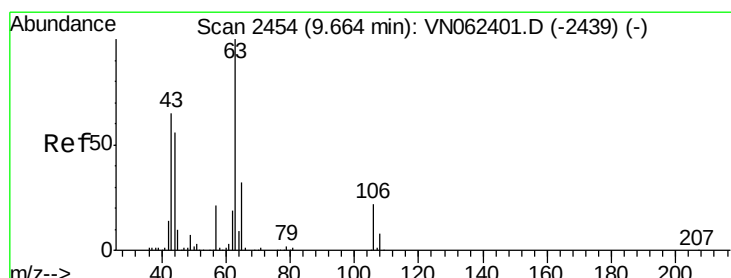
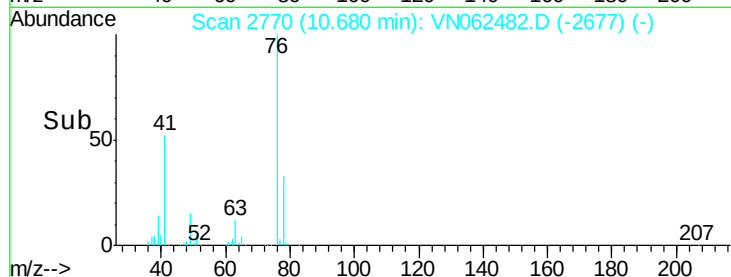
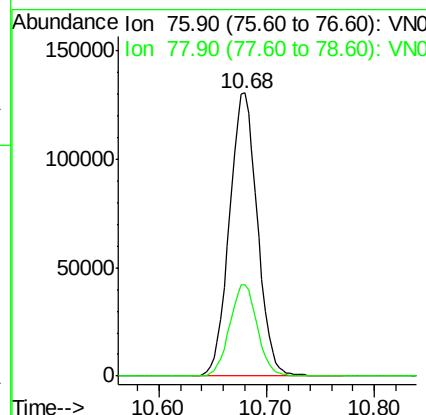
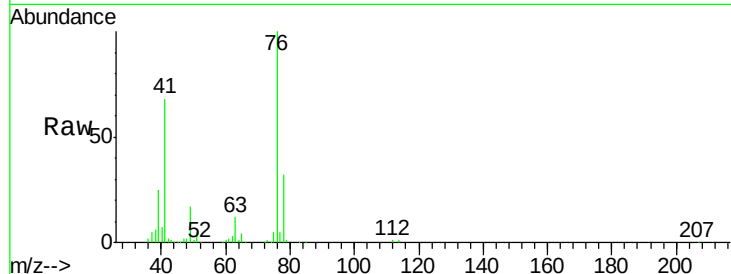
#57
 1,3-Dichloropropane
 Concen: 51.618 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 235560
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

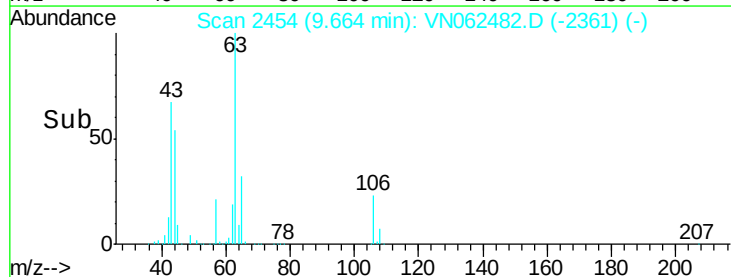
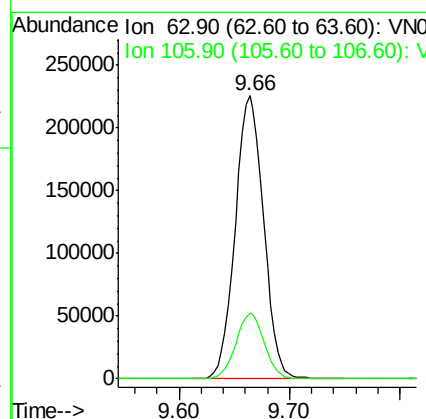
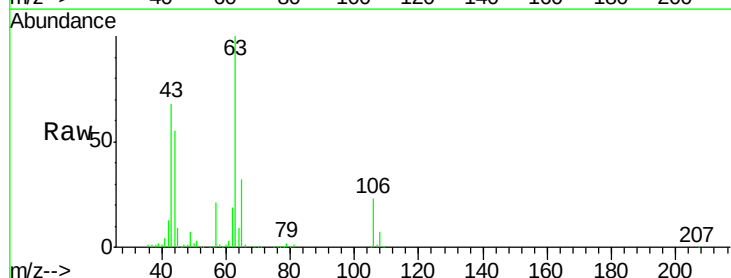
Manual Integrations
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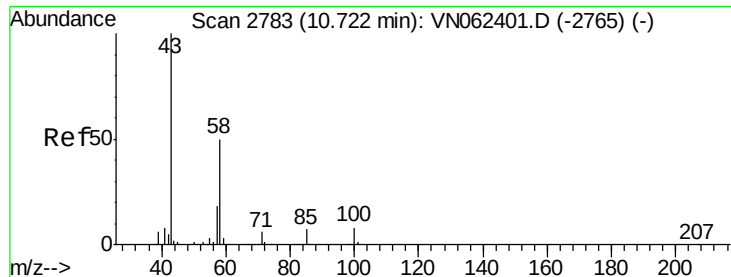
MMDadoda
 7/10/2020 9:23:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.718 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion: 63 Resp: 402585
 Ion Ratio Lower Upper
 63 100
 106 23.1 17.6 26.4





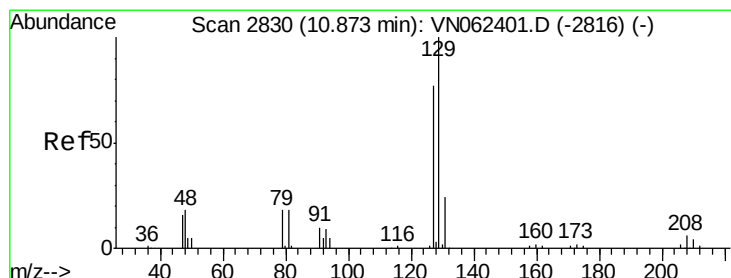
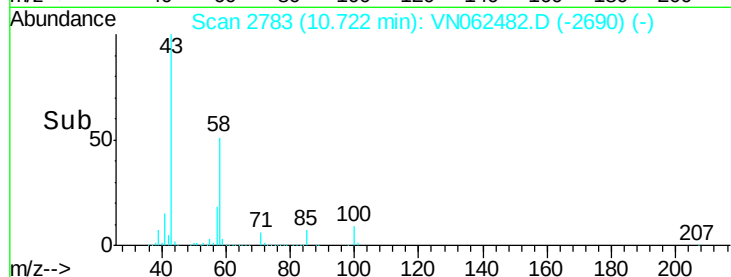
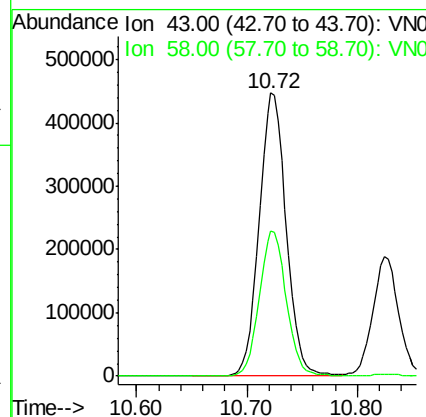
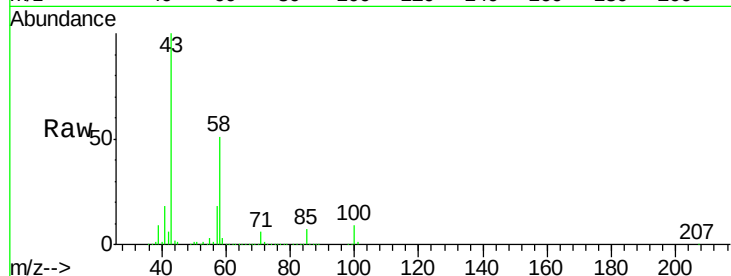
#59
2-Hexanone
Concen: 256.265 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	757256
Ion Ratio	100	Lower	Upper
43	100		
58	51.5	25.1	75.2

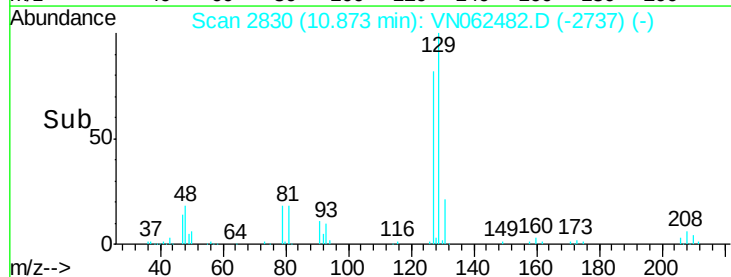
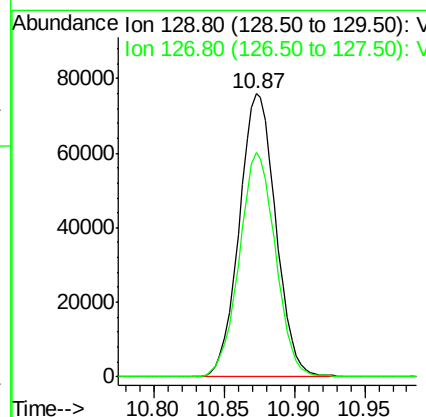
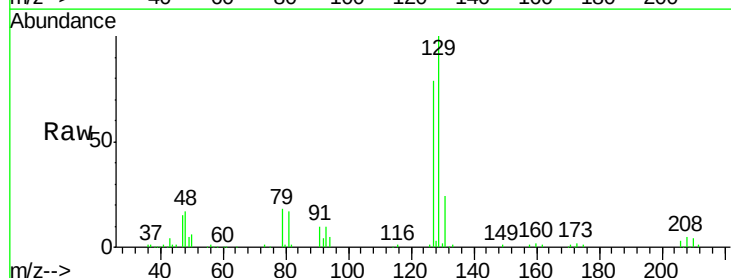
Manual Integrations
APPROVED

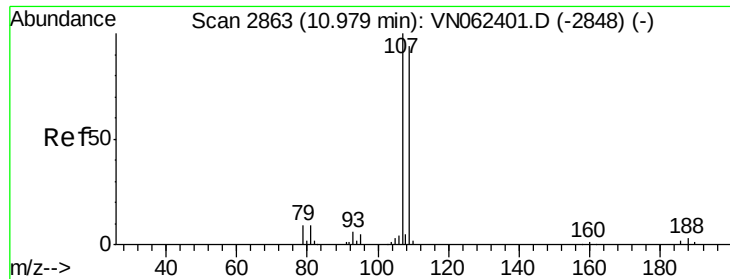
MMDadoda
7/10/2020 9:23:01 AM



#60
Dibromochloromethane
Concen: 51.425 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	129	Resp	137731
Ion Ratio	100	Lower	Upper
129	100		
127	78.6	38.6	115.8





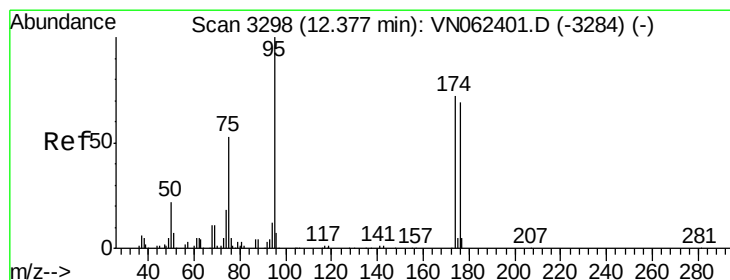
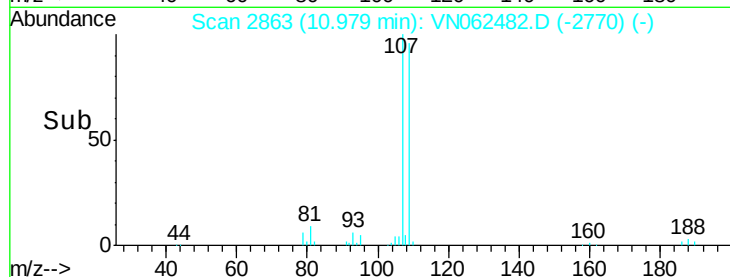
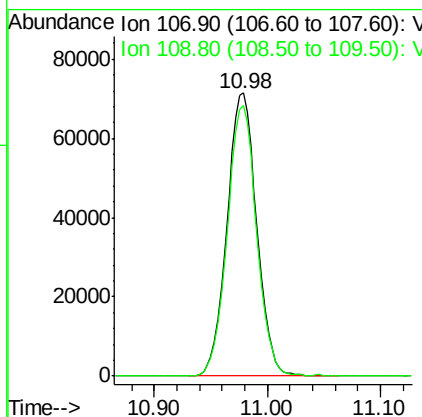
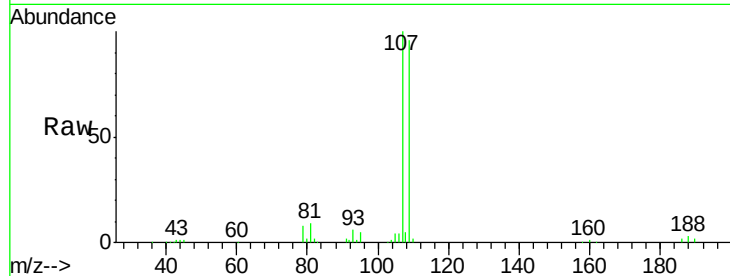
#61
 1,2-Dibromoethane
 Concen: 52.193 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.6	113.4

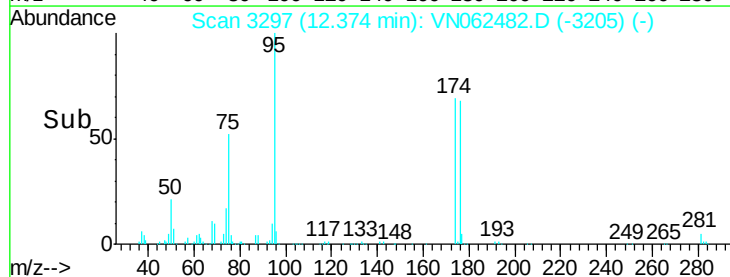
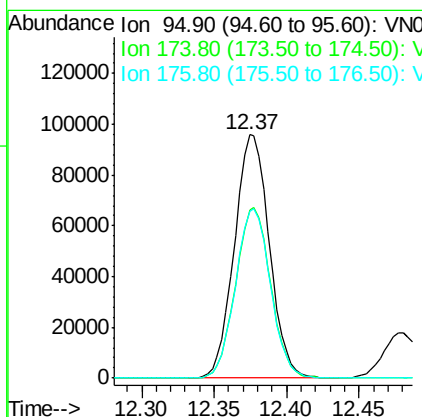
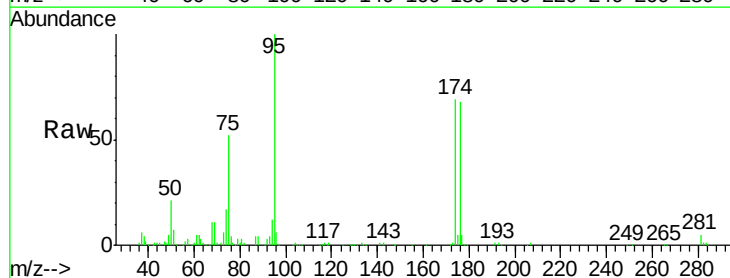
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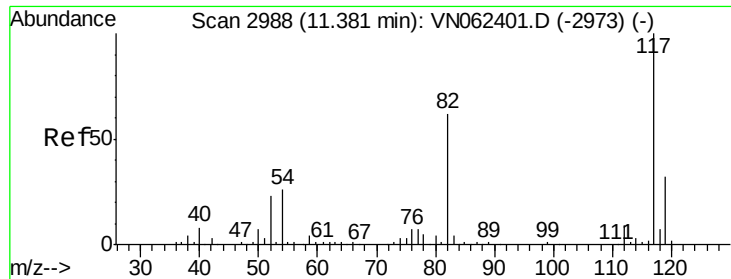
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#62
 4-Bromofluorobenzene
 Concen: 49.218 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	141.6
176	69.8	0.0	137.2





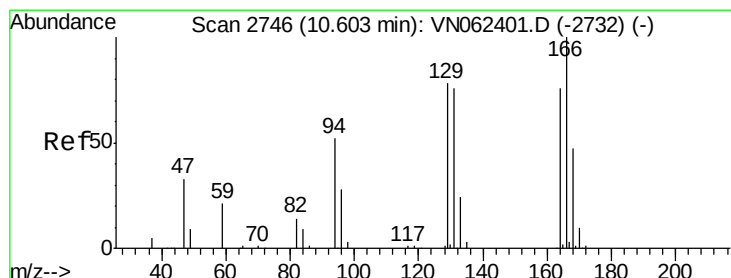
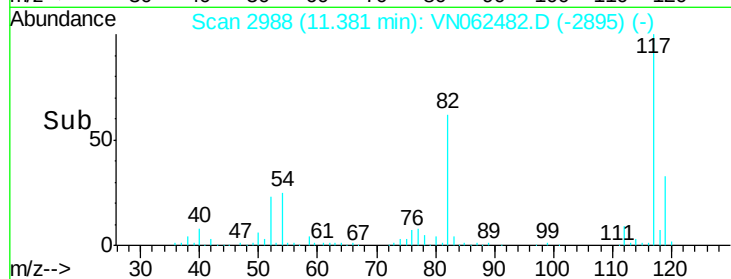
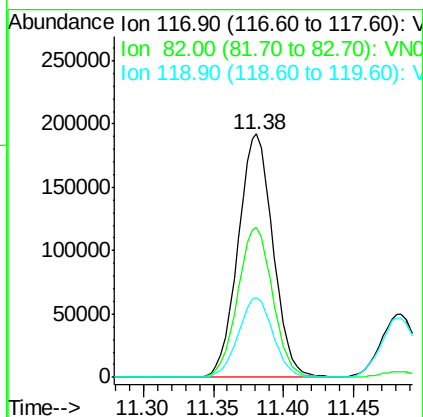
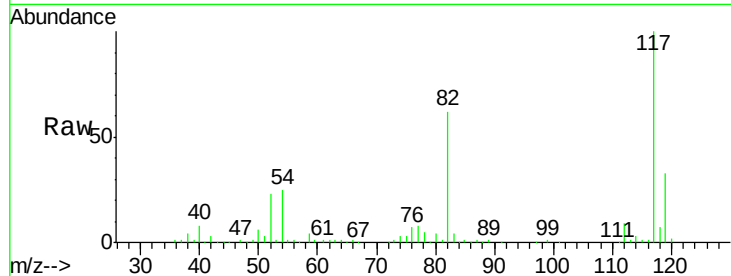
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.6	74.4
119	32.9	25.4	38.0

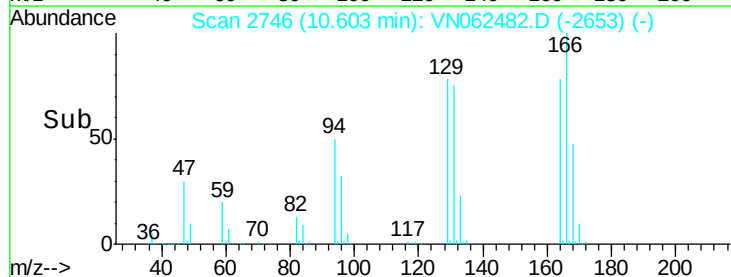
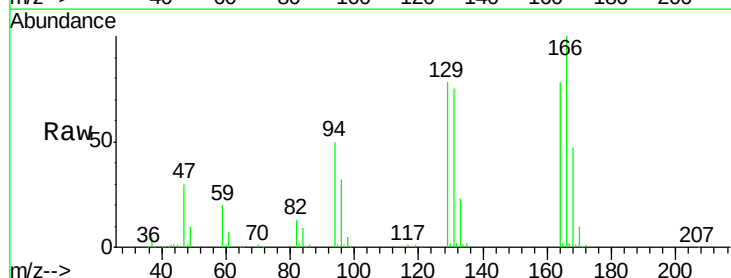
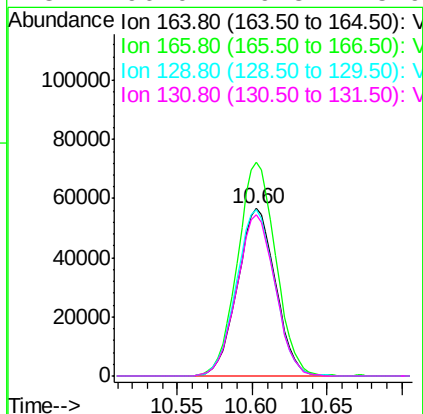
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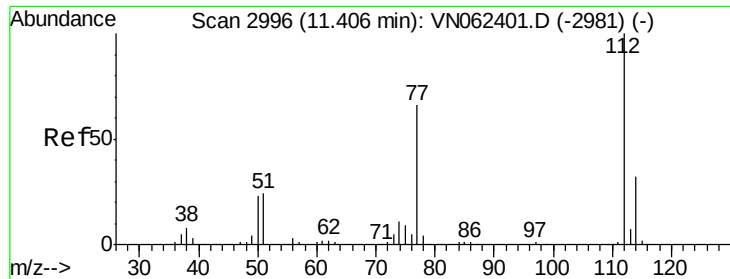
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#64
Tetrachloroethene
Concen: 50.732 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	104.9	157.3
129	99.0	81.8	122.6
131	96.0	79.3	118.9





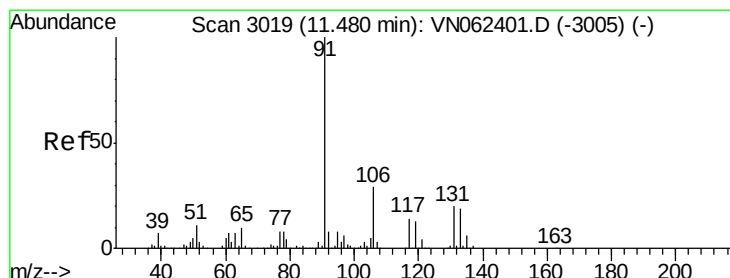
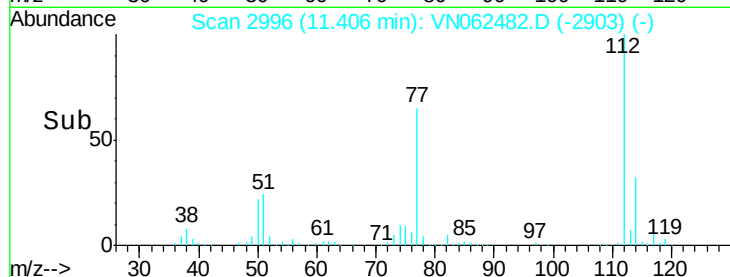
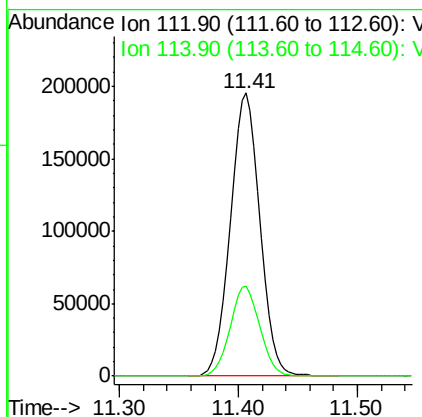
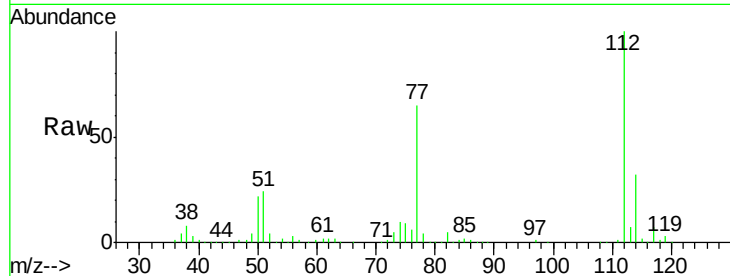
#65
Chlorobenzene
Concen: 51.697 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 335378
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9

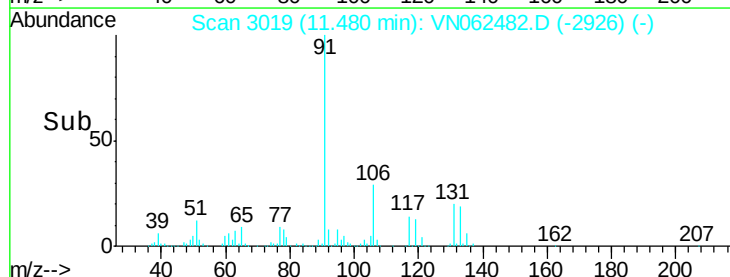
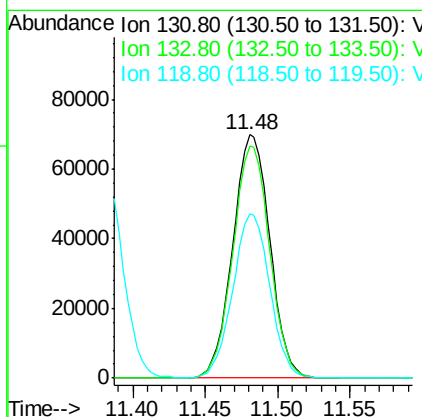
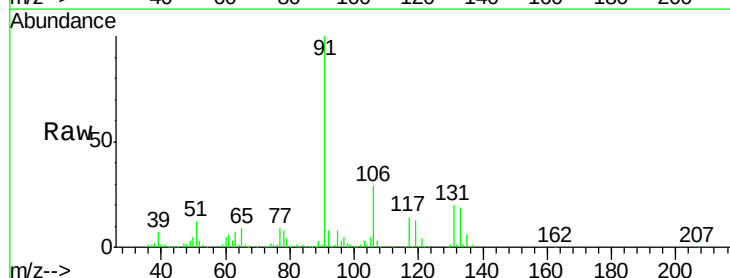
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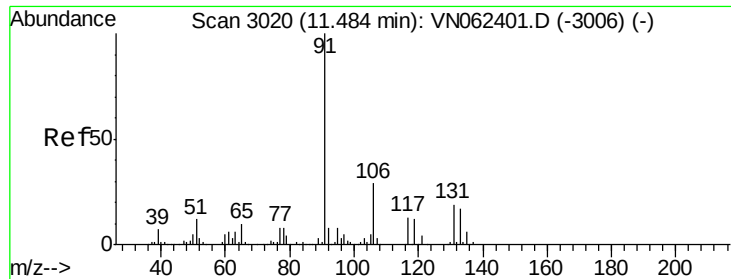
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.888 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion:131 Resp: 124132
Ion Ratio Lower Upper
131 100
133 94.7 46.9 140.8
119 67.5 33.2 99.6





#67

Ethyl Benzene

Concen: 51.507 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 627214

Ion Ratio Lower Upper

91 100

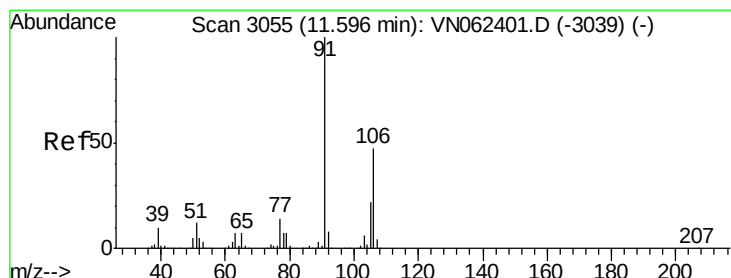
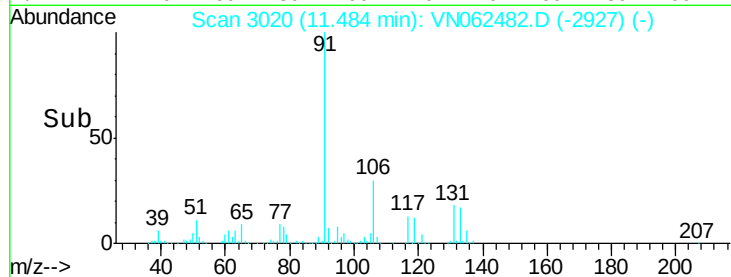
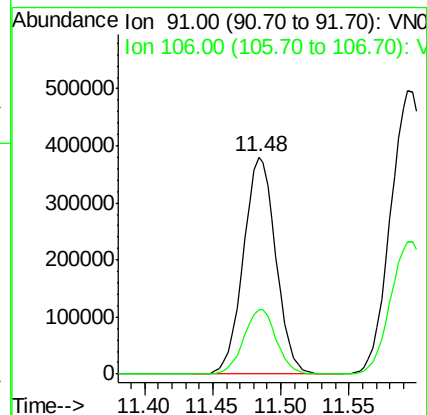
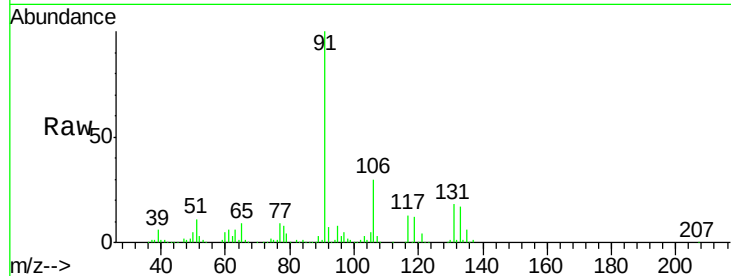
106 29.7 23.4 35.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.147 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062482.D

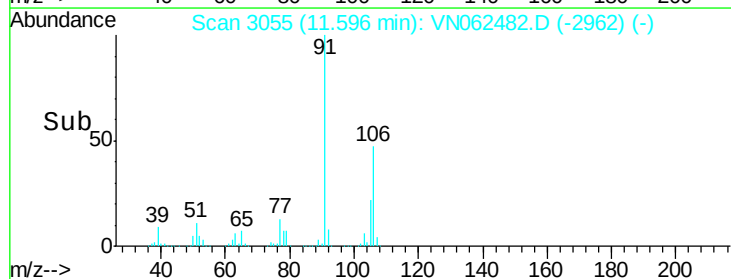
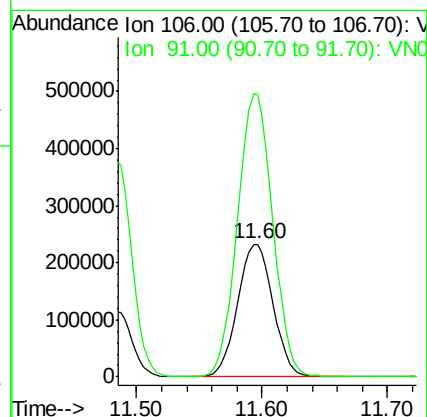
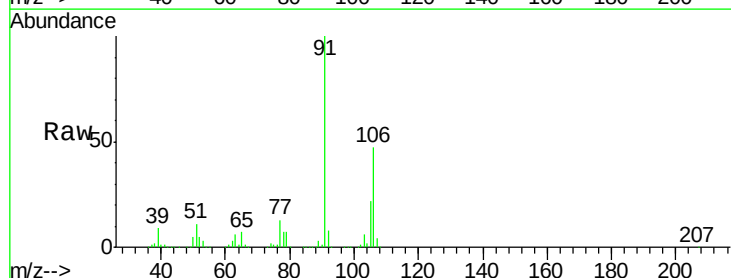
Acq: 10 Jul 2020 2:17

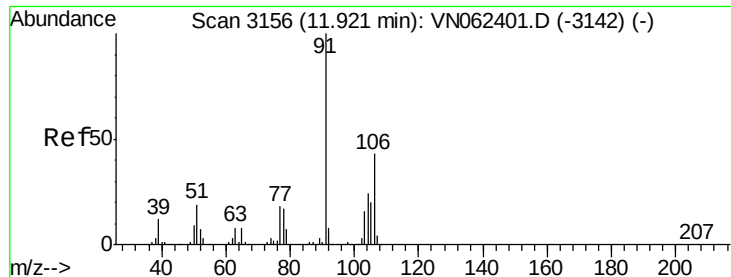
Tgt Ion: 106 Resp: 453272

Ion Ratio Lower Upper

106 100

91 213.0 172.4 258.6





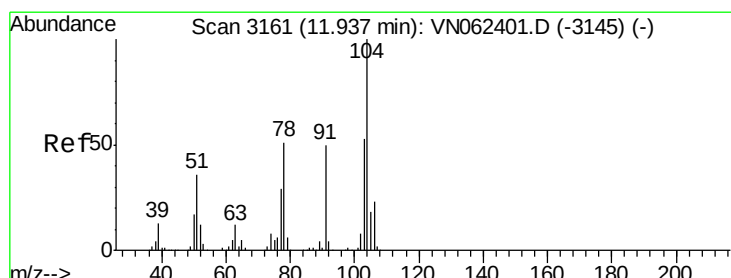
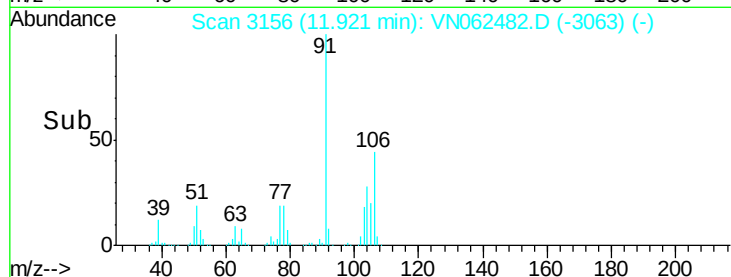
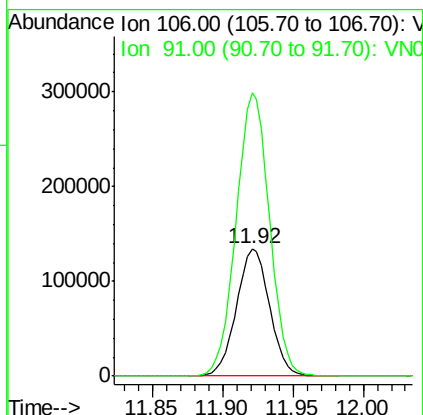
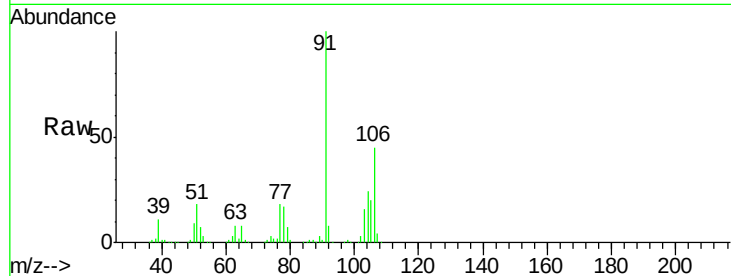
#69
o-Xylene
Concen: 52.764 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	221463		
91	91	224.0	113.8	341.4	

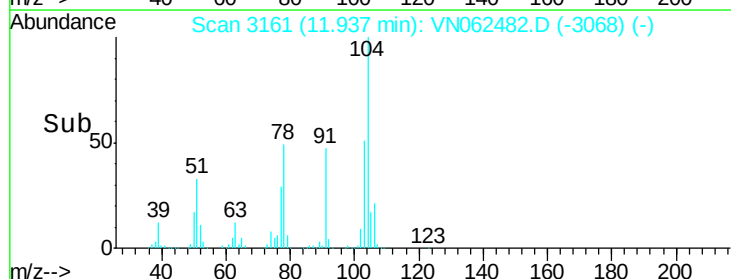
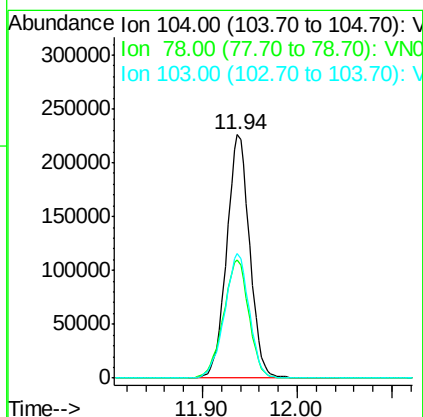
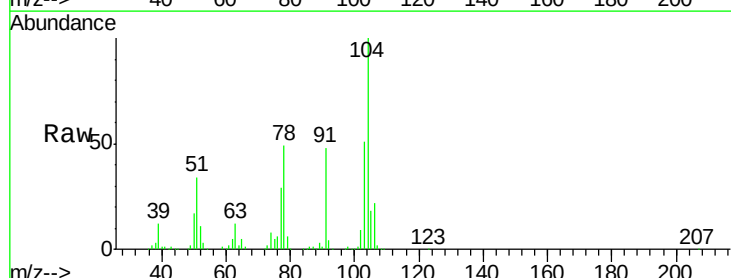
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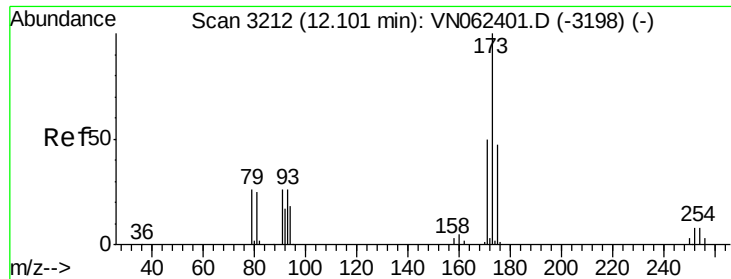
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#70
Styrene
Concen: 55.009 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	381586		
78	78	53.7	44.2	66.4	
103	103	54.6	44.4	66.6	





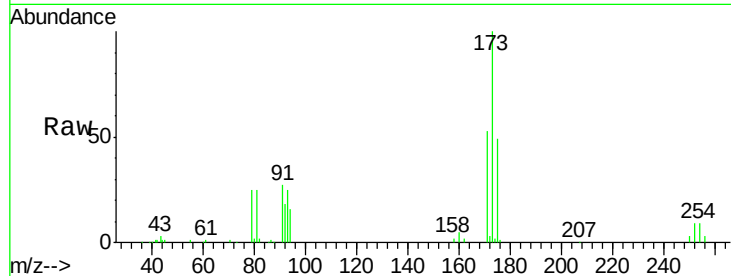
#71
Bromoform
Concen: 53.633 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

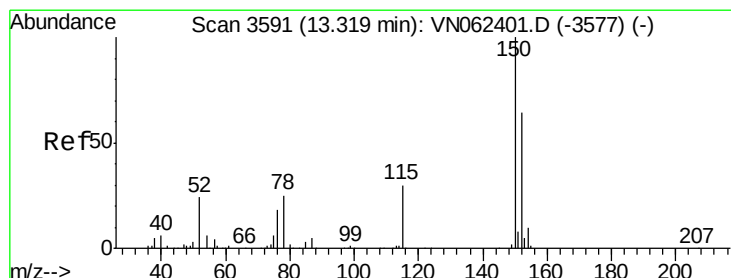
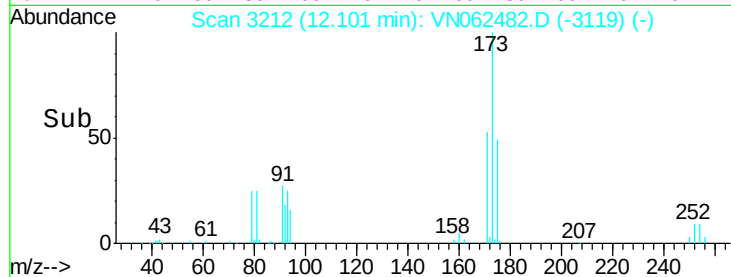
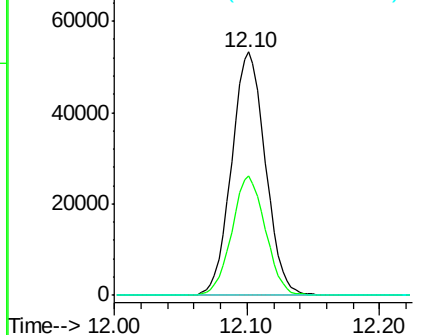
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.7	71.1
254	0.0	0.0	0.0

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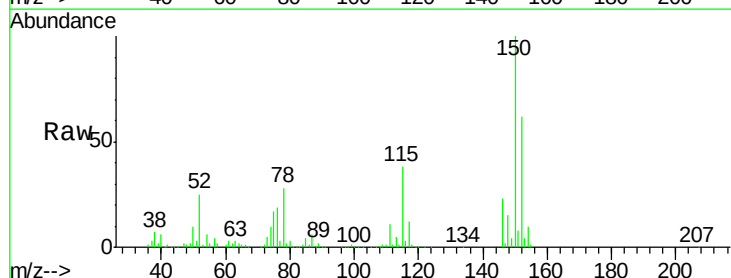


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

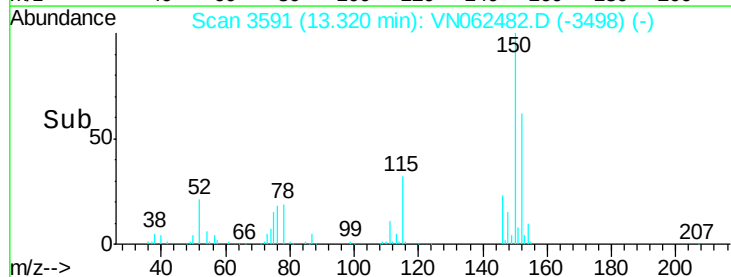
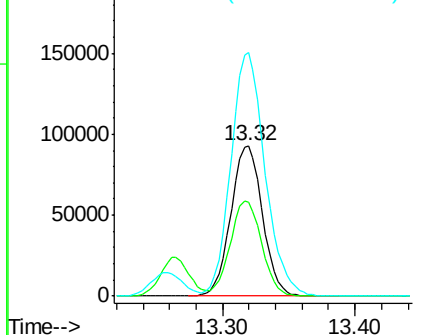


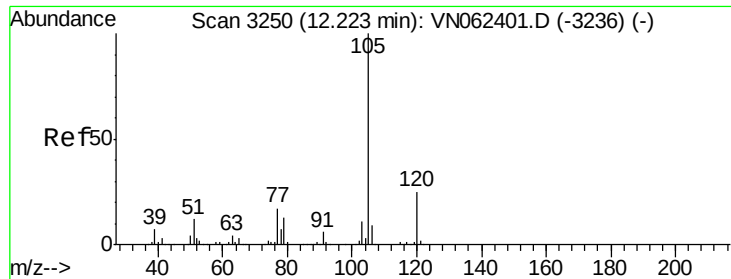
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.4	94.2
150	175.7	0.0	347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





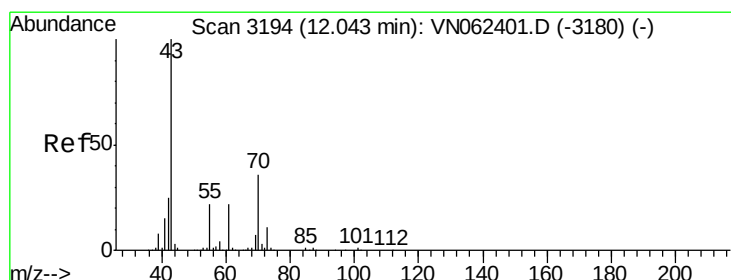
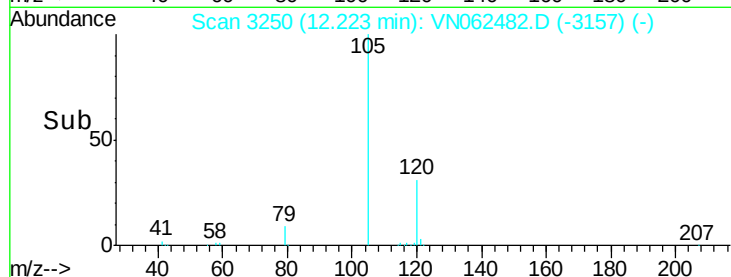
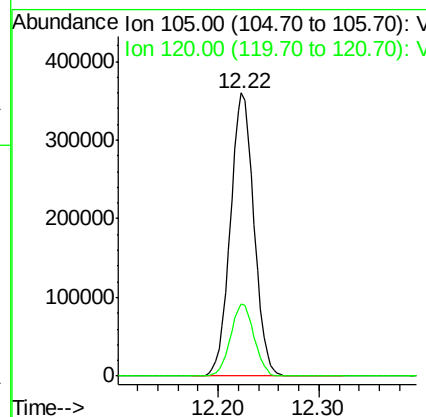
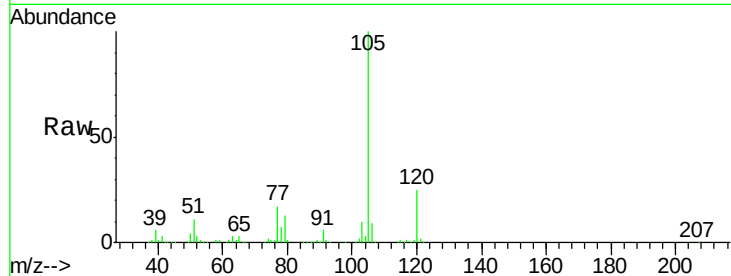
#73
Isopropylbenzene
Concen: 49.673 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.7	38.1

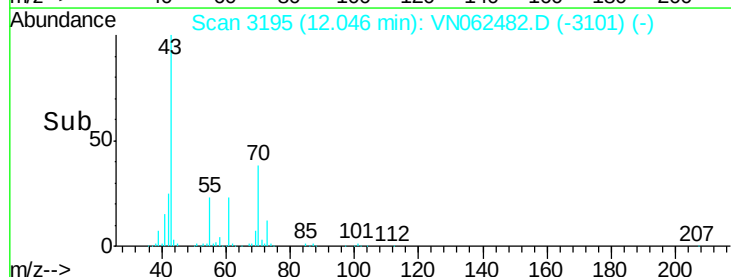
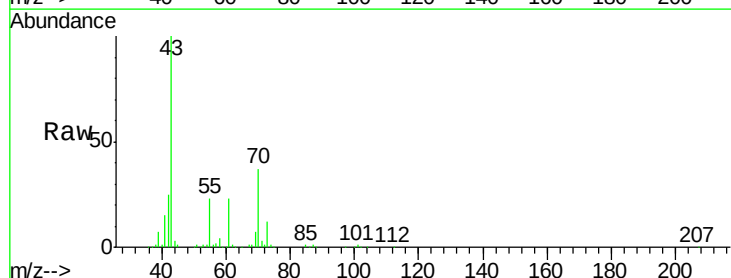
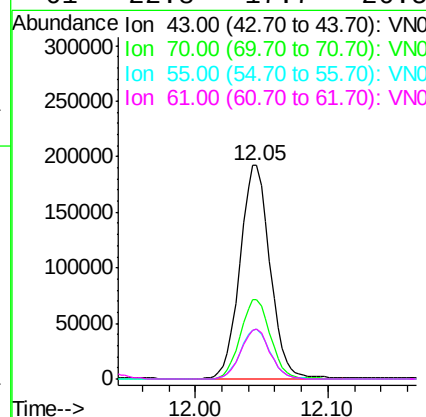
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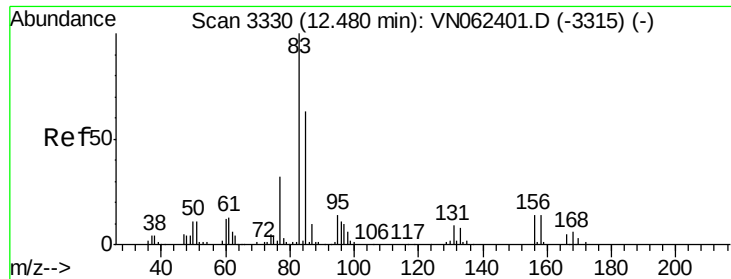
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#74
N-ethyl acetate
Concen: 52.428 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.5	30.0	45.0
55	23.3	18.2	27.4
61	22.8	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.941 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

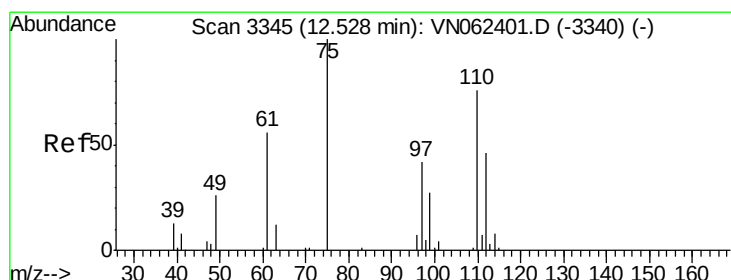
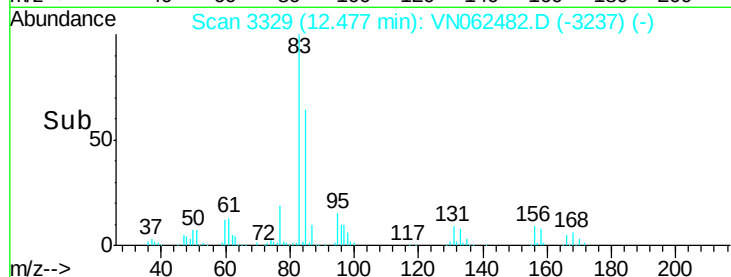
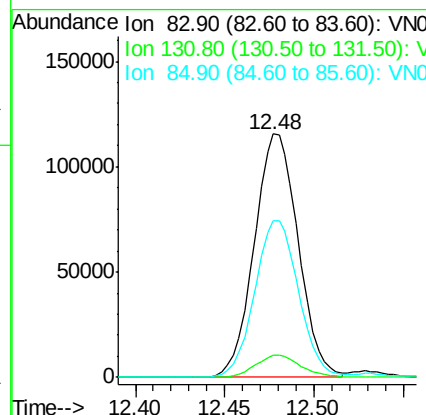
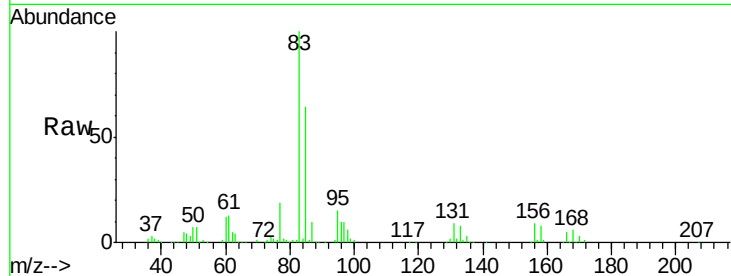
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	198764
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.5	13.5
85	64.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 49.451 ug/l m

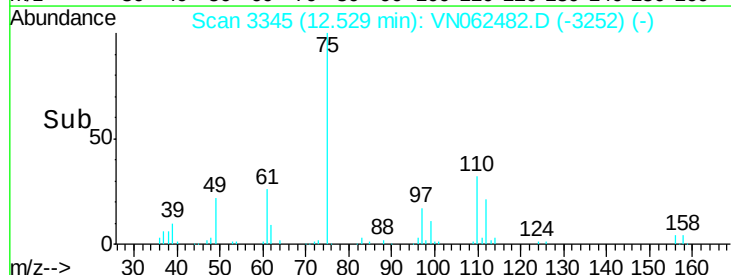
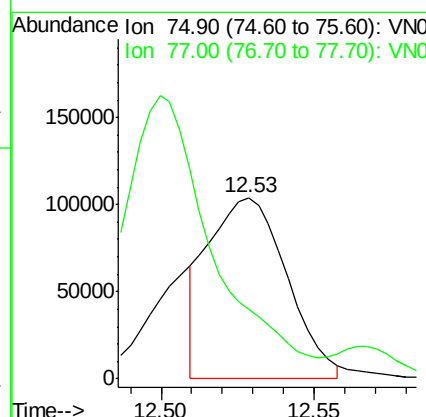
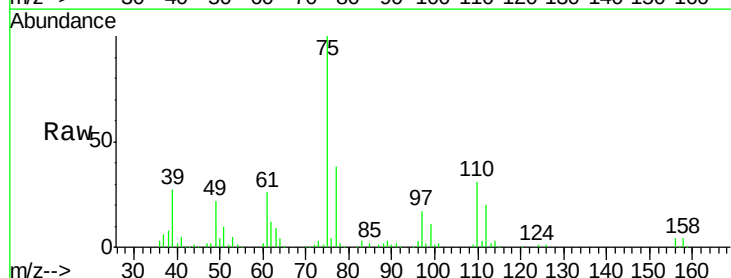
RT: 12.53 min Scan# 3345

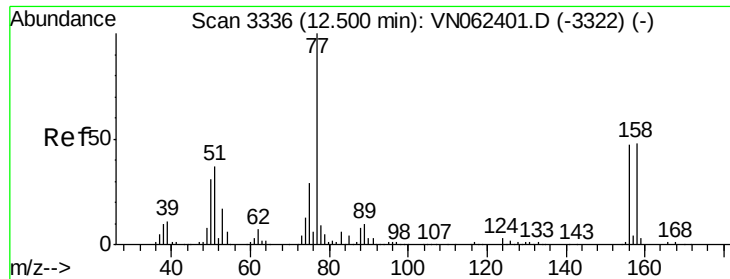
Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion:	75	Resp:	185600
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.467 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 138497

Ion Ratio Lower Upper

156 100

77 240.9 126.4 379.3

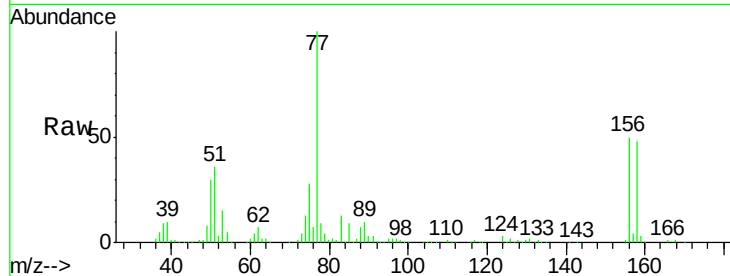
158 95.0 49.8 149.4

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

200000

150000

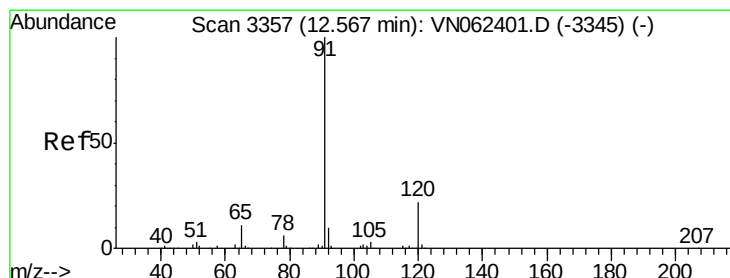
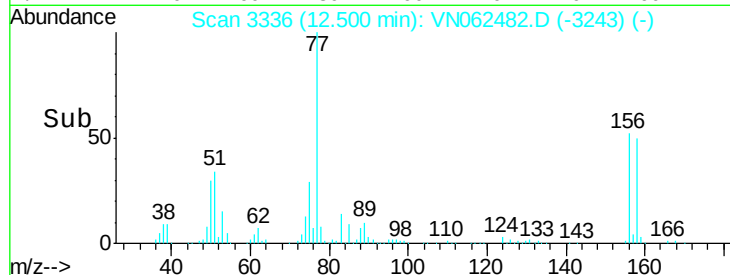
100000

50000

0

12.40 12.50 12.60

Time-->



#78

n-propylbenzene

Concen: 50.339 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062482.D

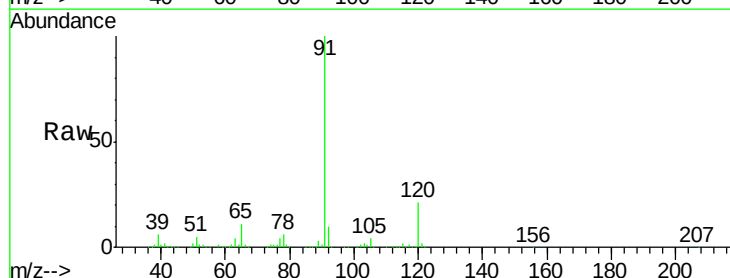
Acq: 10 Jul 2020 2:17

Tgt Ion: 91 Resp: 696014

Ion Ratio Lower Upper

91 100

120 21.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

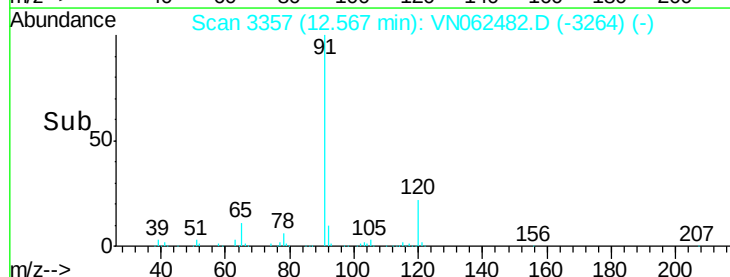
200000

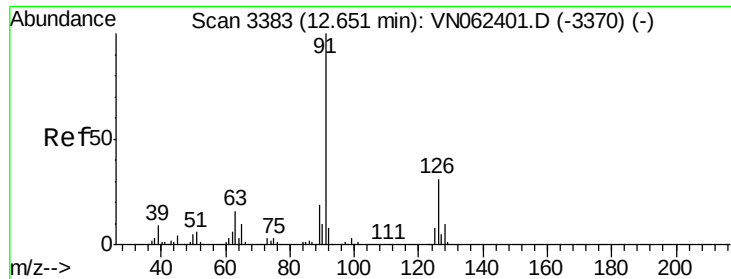
100000

0

12.50 12.55 12.60

Time-->





#79

2-Chlorotoluene

Concen: 49.806 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 417960

Ion Ratio Lower Upper

91 100

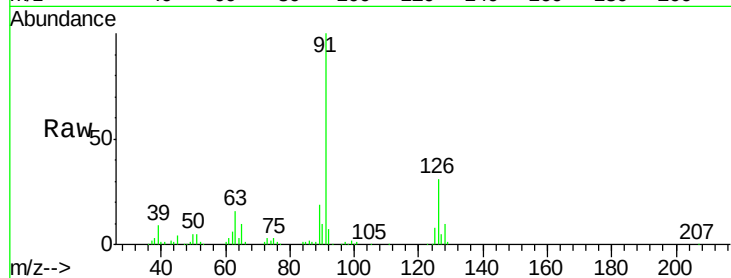
126 31.1 15.6 46.7

Manual Integrations

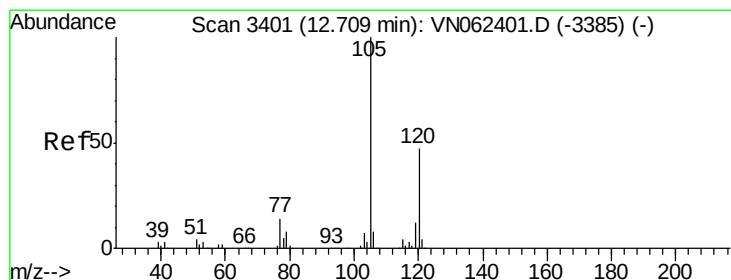
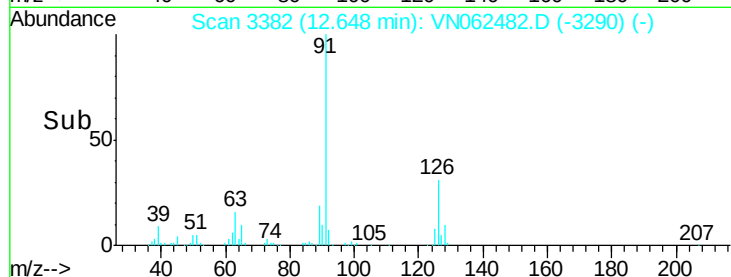
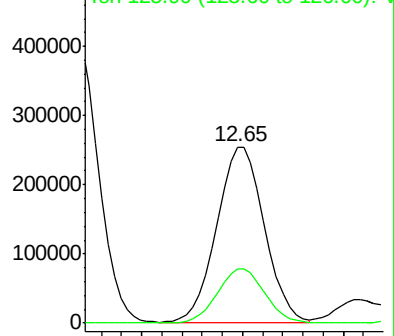
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Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.720 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062482.D

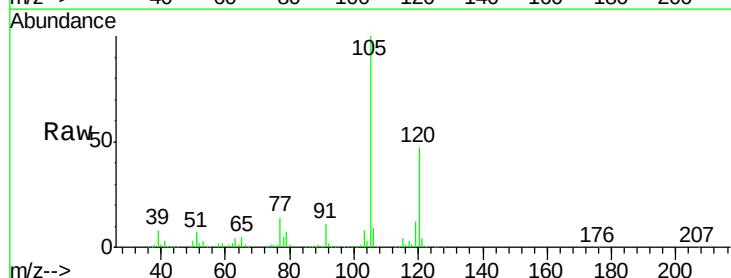
Acq: 10 Jul 2020 2:17

Tgt Ion: 105 Resp: 501868

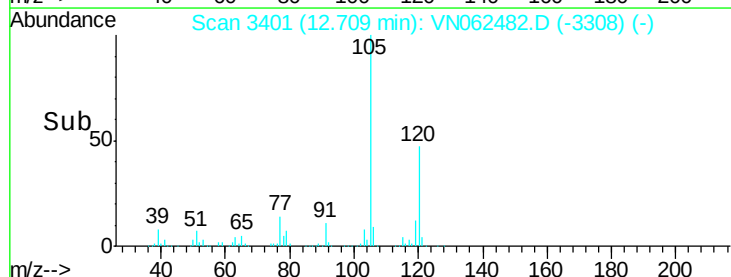
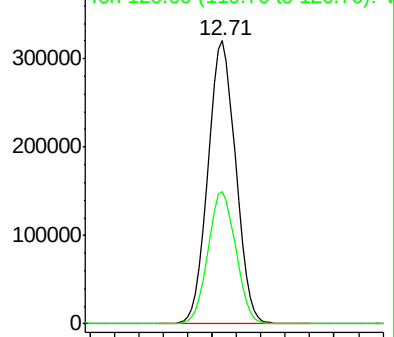
Ion Ratio Lower Upper

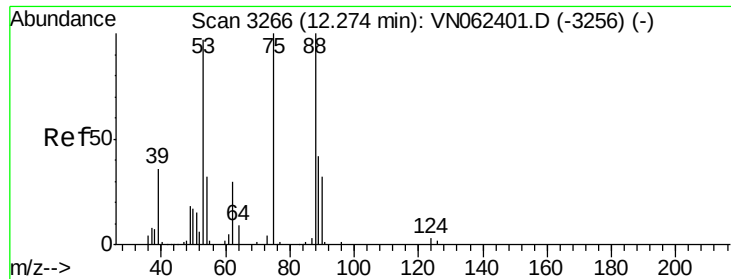
105 100

120 47.0 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.293 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

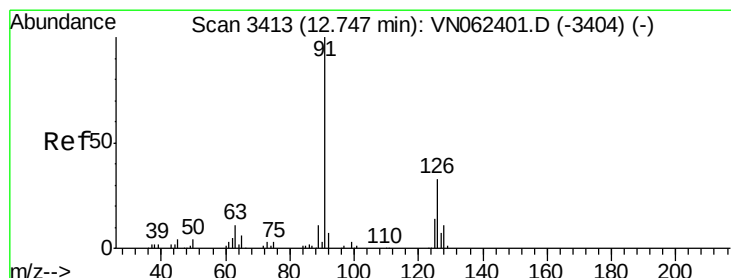
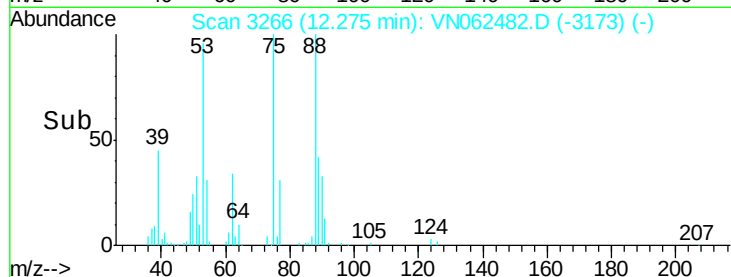
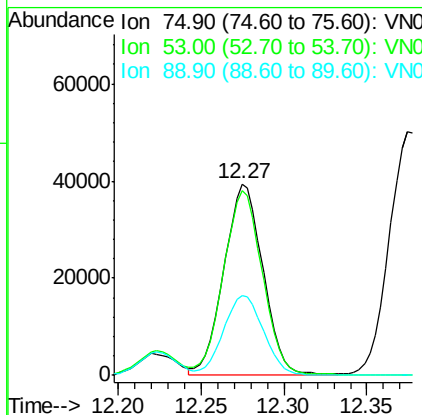
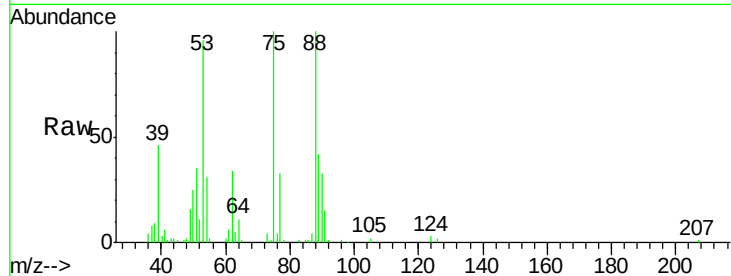
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	64914
Ion	Ratio	Lower	Upper
75	100		
53	96.4	79.2	118.8
89	42.5	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.777 ug/l

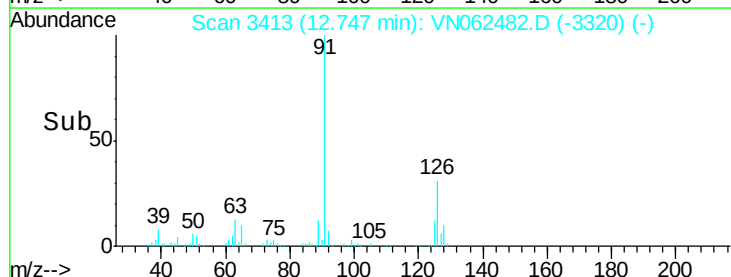
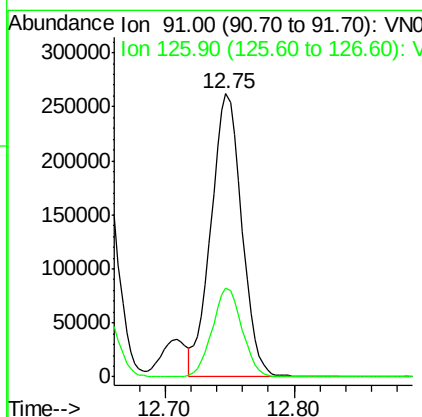
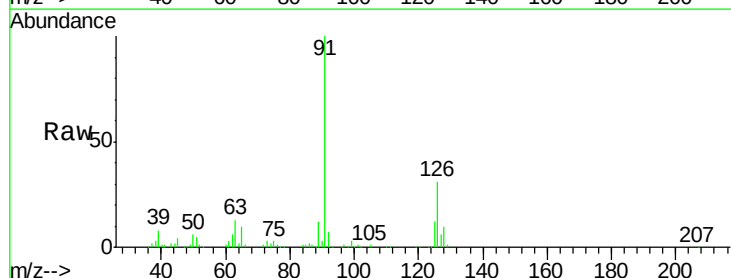
RT: 12.75 min Scan# 3413

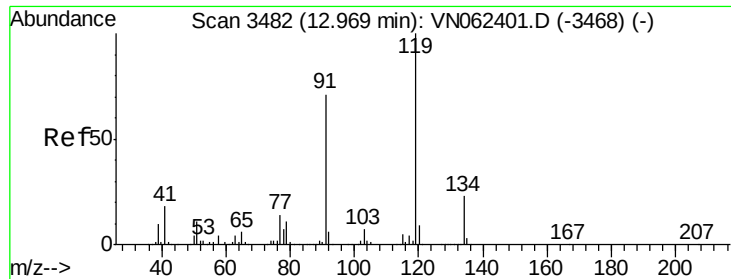
Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion:	91	Resp:	432592
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





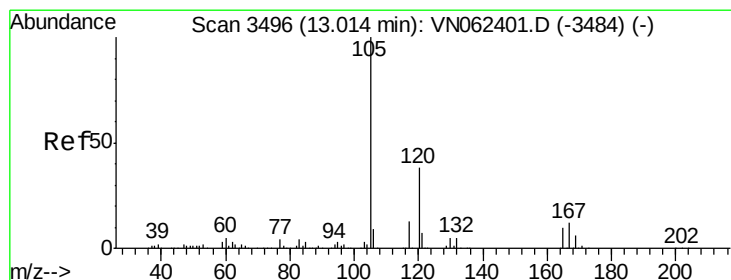
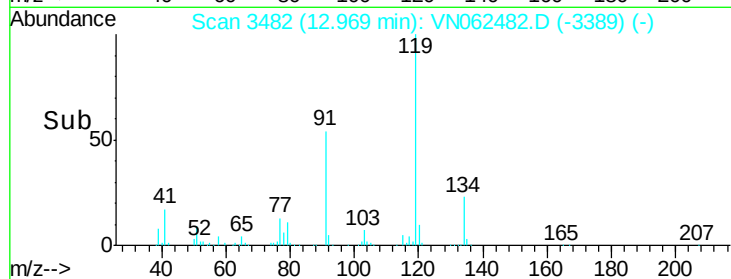
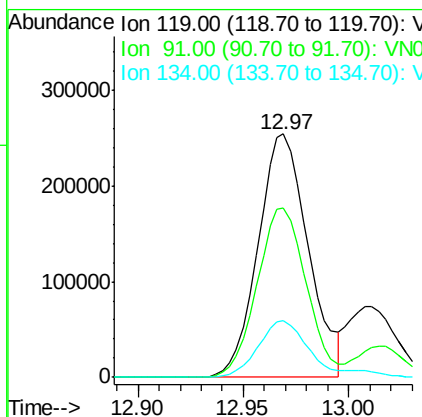
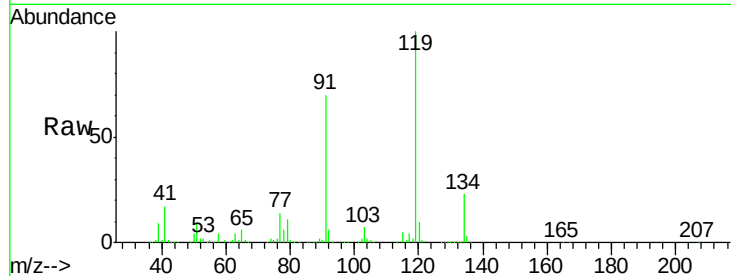
#83
 tert-Butylbenzene
 Concen: 51.114 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	34.8	104.3
134	22.9	11.7	35.0

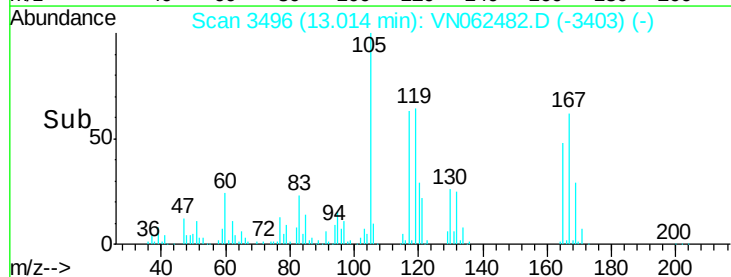
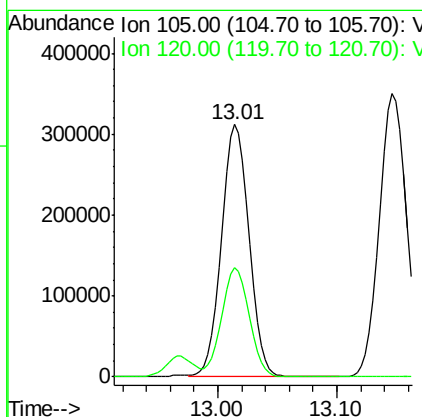
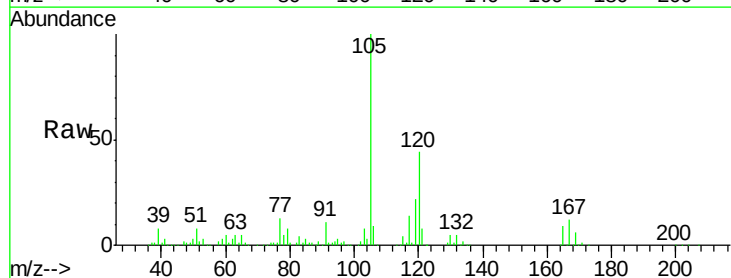
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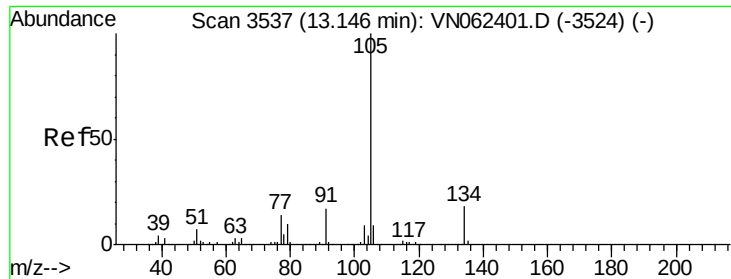
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.727 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.6	64.8





#85

sec-Butylbenzene

Concen: 51.136 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 557983

Ion Ratio Lower Upper

105 100

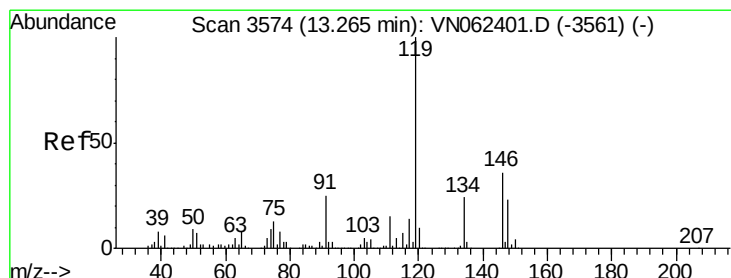
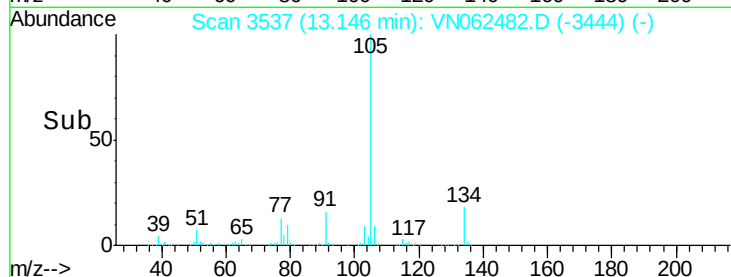
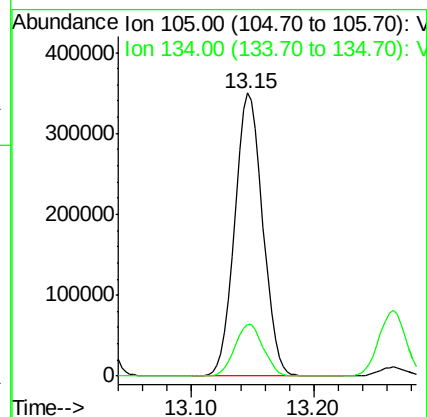
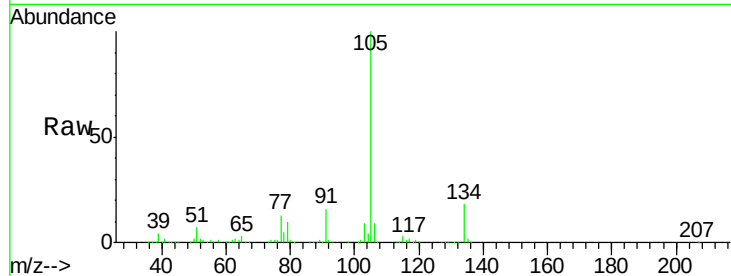
134 18.8 9.3 28.0

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#86

p-Isopropyltoluene

Concen: 52.107 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

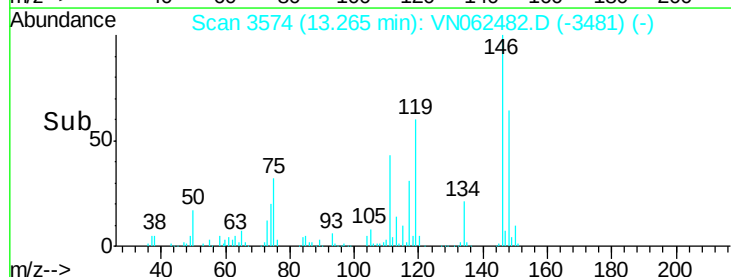
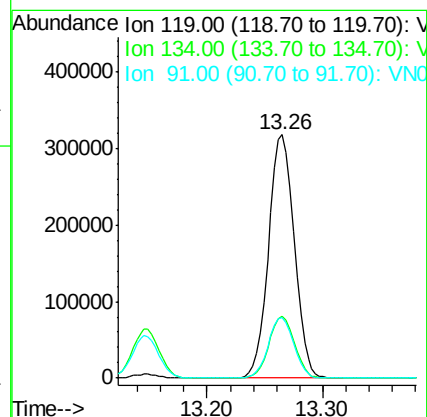
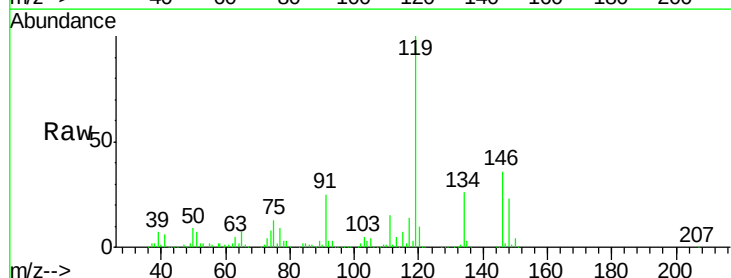
Tgt Ion:119 Resp: 490733

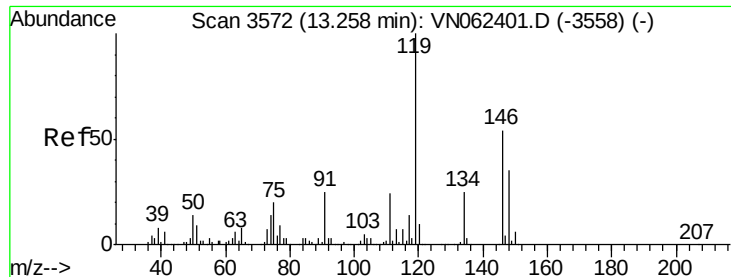
Ion Ratio Lower Upper

119 100

134 25.4 12.4 37.0

91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.013 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

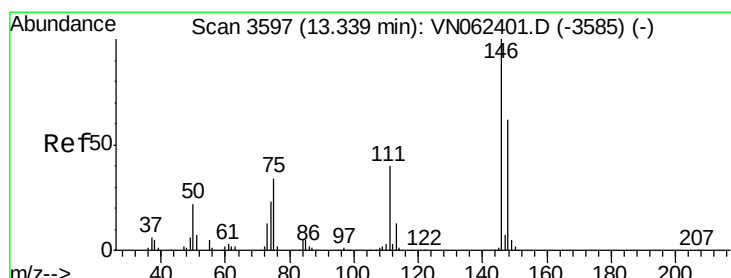
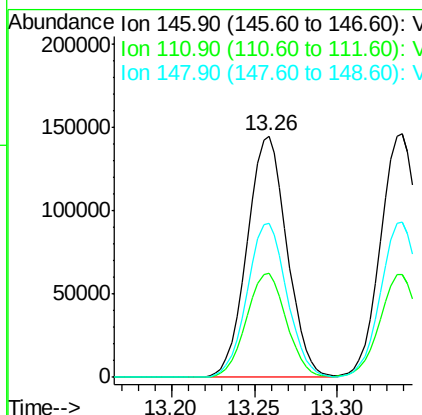
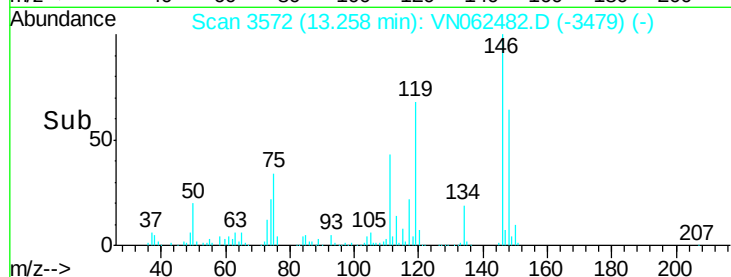
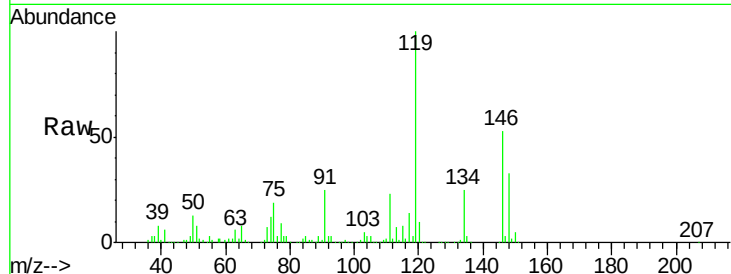
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	241460
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.6	64.6
148	63.7	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.237 ug/l

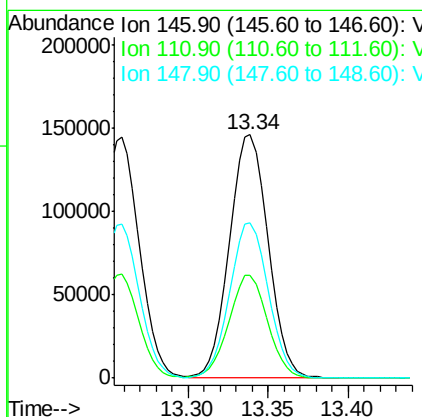
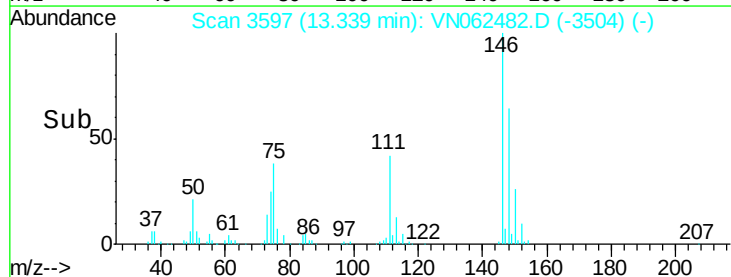
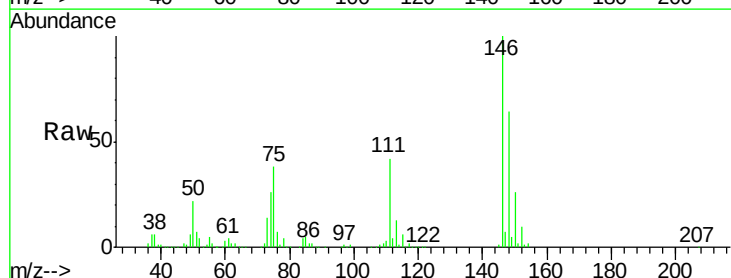
RT: 13.34 min Scan# 3597

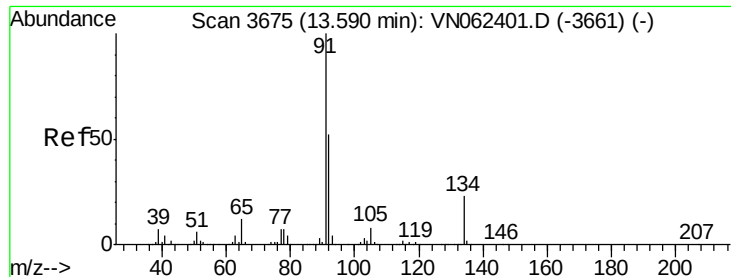
Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion:	146	Resp:	239970
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.1	63.1
148	64.4	31.4	94.2





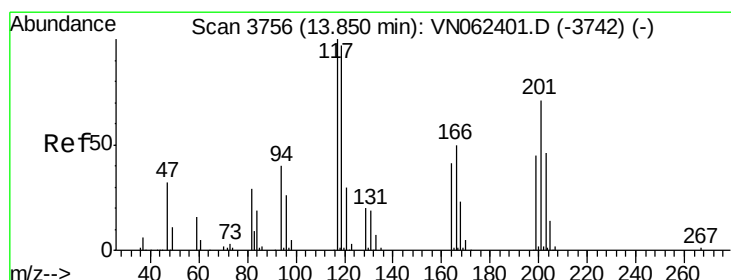
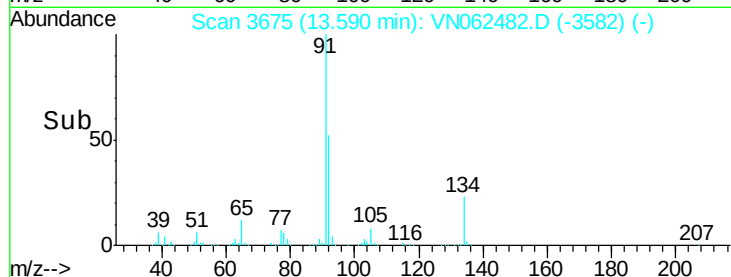
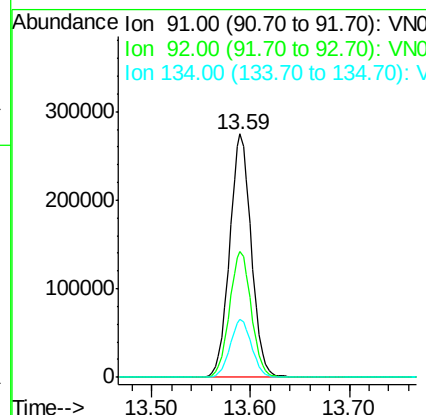
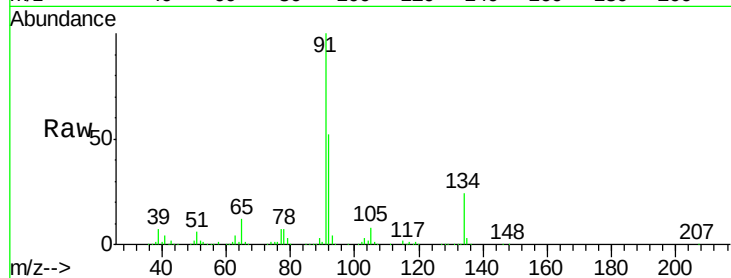
#89
n-Butylbenzene
Concen: 51.016 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.9	77.7
134	23.6	11.6	34.8

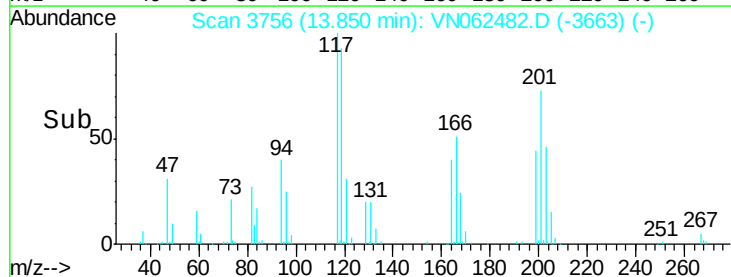
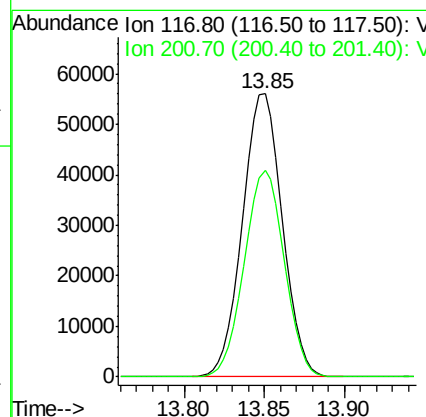
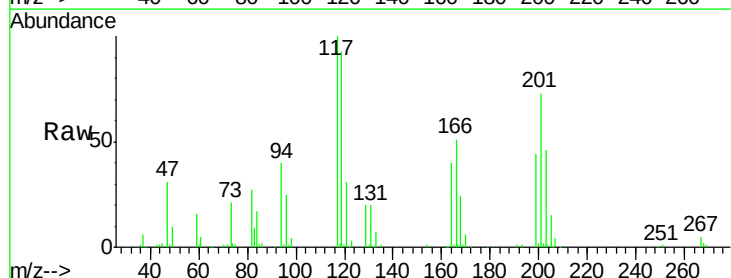
Manual Integrations
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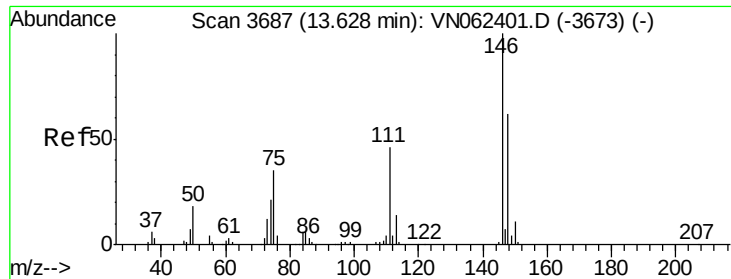
MMDadoda
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#90
Hexachloroethane
Concen: 51.267 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	35.4	106.2





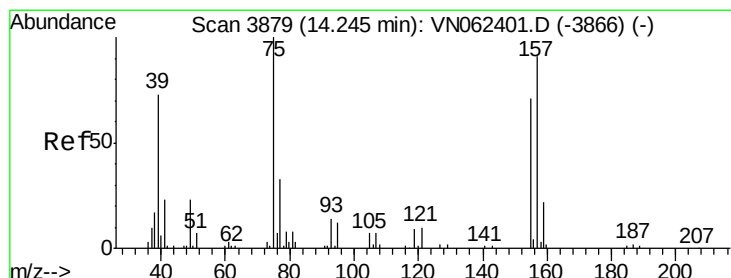
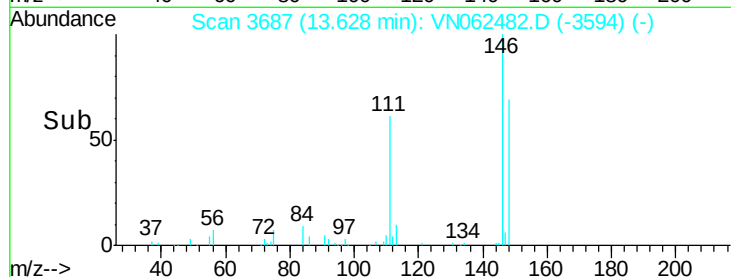
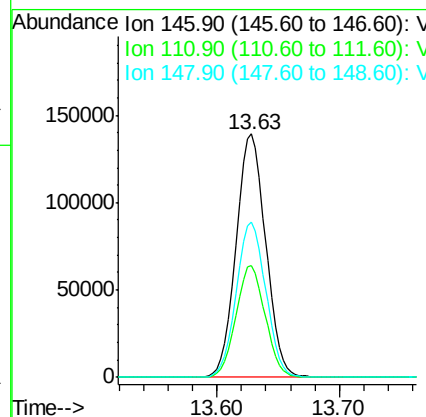
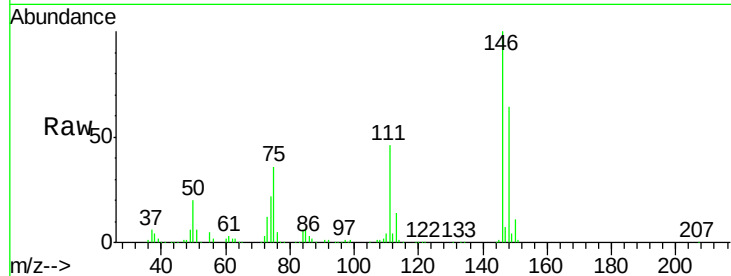
#91
 1,2-Dichlorobenzene
 Concen: 52.515 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.5	67.5
148	63.6	31.4	94.2

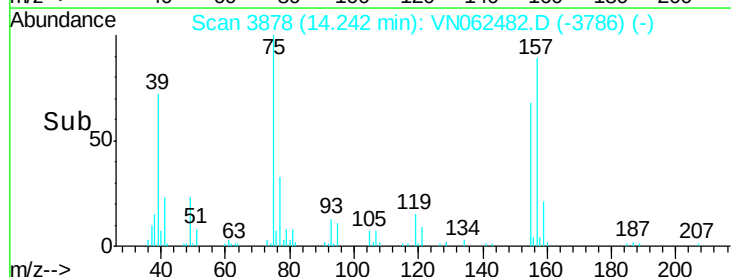
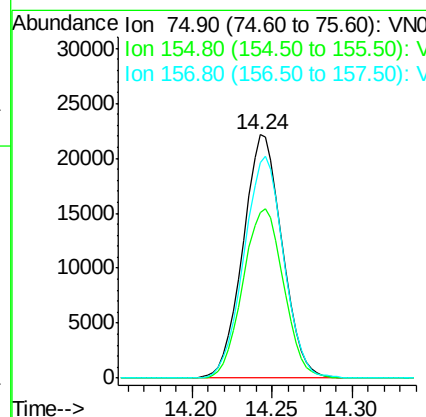
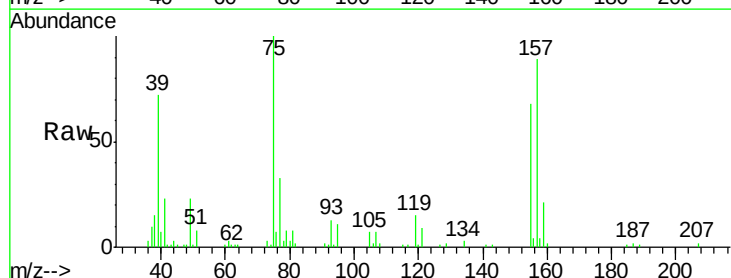
Manual Integrations
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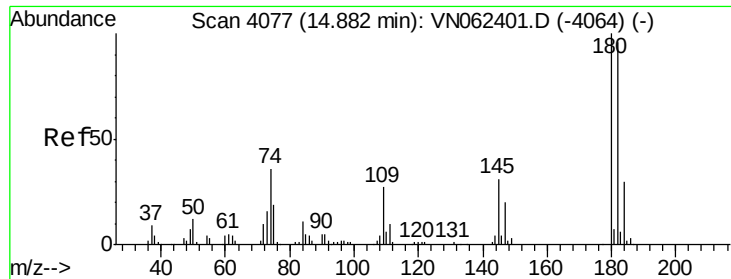
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 7/10/2020 9:23:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.089 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062482.D
 Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.8	35.2	105.6
157	92.2	45.8	137.3





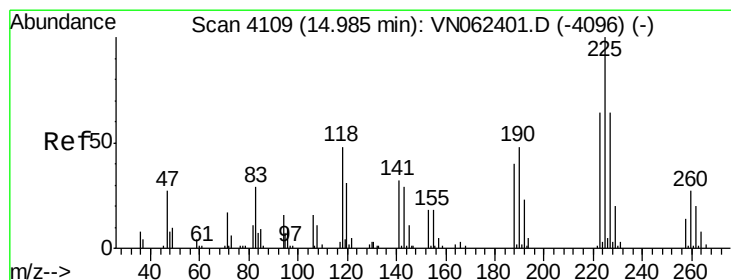
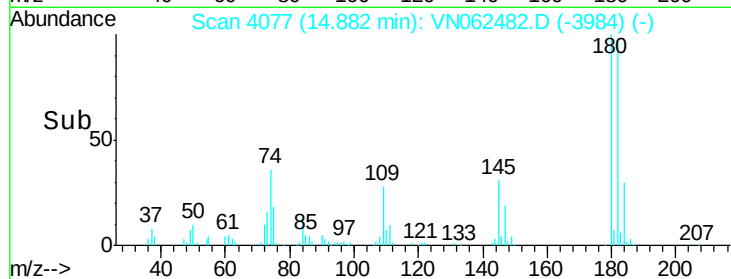
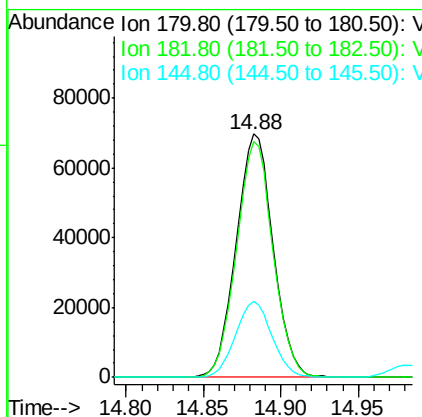
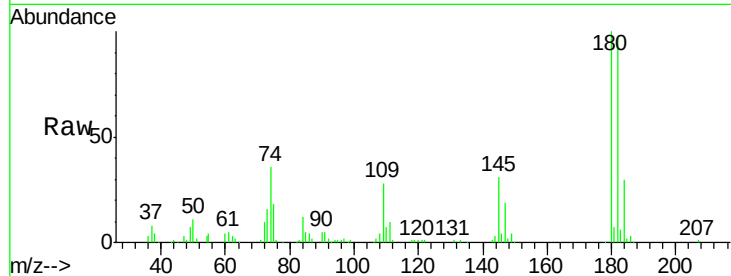
#93
1,2,4-Trichlorobenzene
Concen: 47.172 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	48.4	145.2	
145	30.9	15.5	46.5	

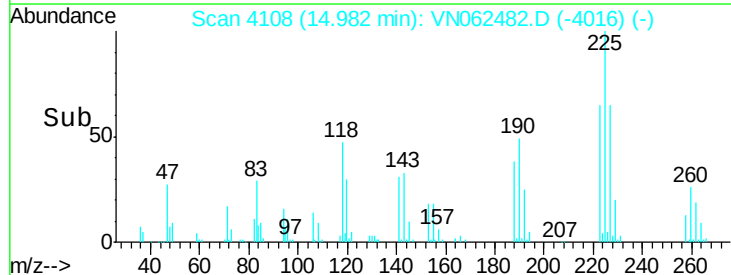
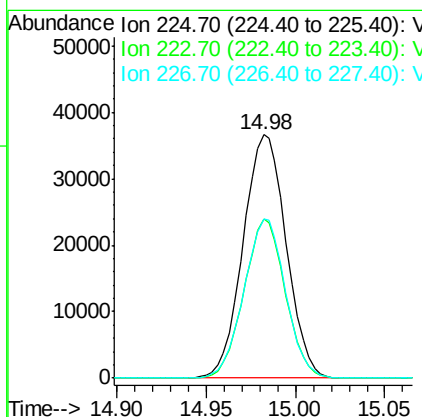
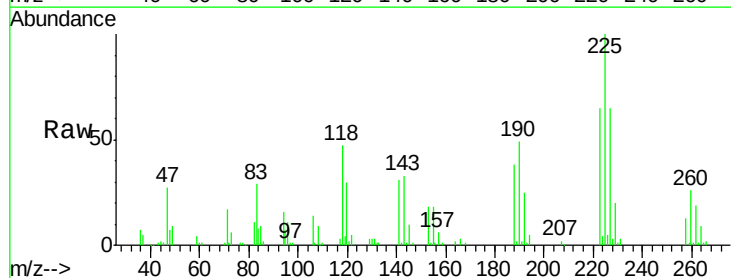
Manual Integrations
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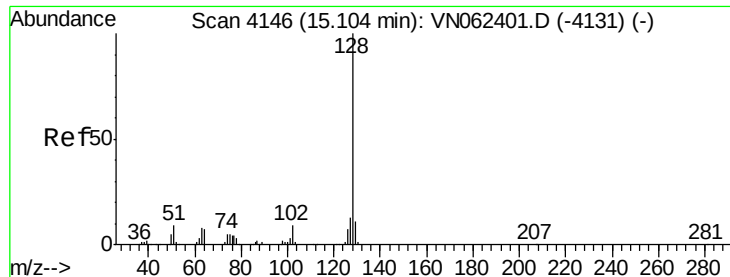
MMDadoda
7/10/2020 9:23:01 AM



#94
Hexachlorobutadiene
Concen: 51.788 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062482.D
Acq: 10 Jul 2020 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	32.3	96.8	
227	63.1	31.9	95.7	





#95

Naphthalene

Concen: 53.444 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Instrument :

MSVOA_N

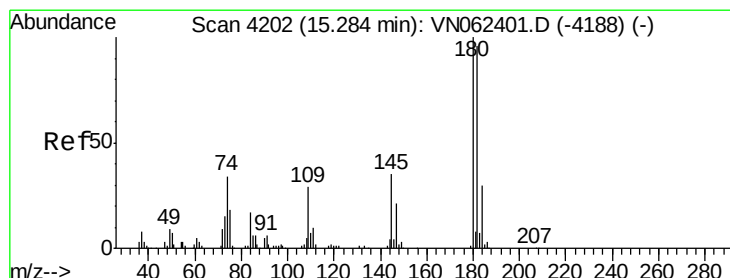
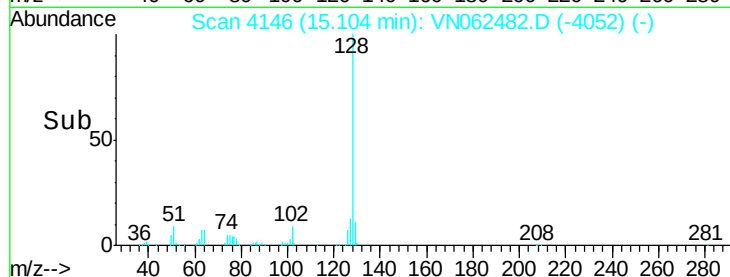
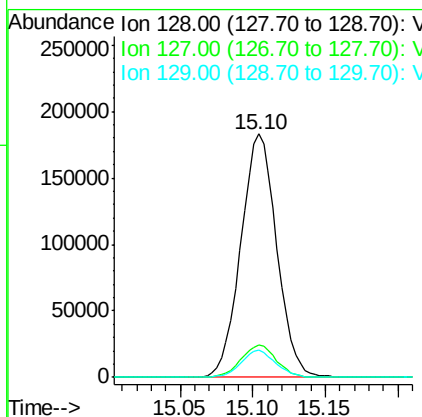
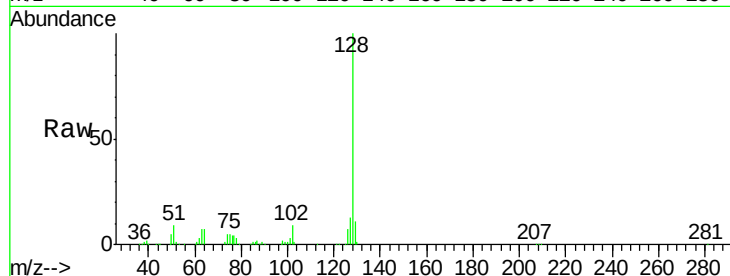
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	314840
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:01 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.949 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062482.D

Acq: 10 Jul 2020 2:17

Tgt Ion:	180	Resp:	118128
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.8	143.4
145	32.8	17.0	50.9

