

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064192.D
 Acq On : 20 Oct 2020 10:48
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:28:37 PM

Quant Time: Oct 20 11:23:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	53705	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	299509	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	273775	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	133420	28.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.37%
60) 4-Bromofluorobenzene	12.38	95	142179	29.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.30%
63) Toluene-d8	10.06	98	371712	29.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	200811	57.237 ug/l	93
3) Chloromethane	2.04	50	192383	52.821 ug/l	100
4) Vinyl Chloride	2.16	62	193242	53.333 ug/l	98
5) Bromomethane	2.53	94	111979	48.775 ug/l	97
6) Chloroethane	2.67	64	110647	49.354 ug/l	98
7) Trichlorofluoromethane	2.98	101	295088	50.871 ug/l	99
8) Diethyl Ether	3.38	74	102214	54.427 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	159950	53.525 ug/l	98
10) 1,1-Dichloroethene	3.70	96	154213	54.585 ug/l	98
11) Methyl Iodide	3.91	142	228520	62.303 ug/l	97
12) Methyl Acetate	4.28	43	165442	49.331 ug/l	97
13) Acrolein	3.57	56	83477	245.246 ug/l #	1
14) Acrylonitrile	4.93	53	328702	237.556 ug/l	97
15) Acetone	3.78	58	90505	231.657 ug/l	99
16) Carbon Disulfide	4.01	76	438174	52.618 ug/l	100
17) Allyl chloride	4.28	41	304141	58.719 ug/l	96
18) Methylene Chloride	4.50	84	171996	51.909 ug/l	94
19) trans-1,2-Dichloroethene	4.99	96	164941	51.779 ug/l	94
20) Diisopropyl ether	5.90	45	530065	50.938 ug/l	94
21) 1,1-Dichloroethane	5.80	63	322404	51.382 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	190664	52.439 ug/l	98
23) tert-Butyl Alcohol	4.73	59	152254	256.507 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	507374	53.763 ug/l	100
25) Chloroform	7.33	83	337275	51.335 ug/l	98
26) Cyclohexane	7.61	56	254010	54.824 ug/l #	95
29) 1,1-Dichloropropene	7.75	75	251908	50.235 ug/l	99
30) 2-Butanone	6.78	43	520990	219.221 ug/l	98
31) 2,2-Dichloropropane	6.78	77	317562	52.593 ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	321350	50.548 ug/l	98
33) Carbon Tetrachloride	7.73	117	295275	52.476 ug/l	98
34) Benzene	8.00	78	706934	50.073 ug/l #	92
35) Methacrylonitrile	7.12	41	127349	54.537 ug/l	92
36) 1,2-Dichloroethane	8.08	62	288850	47.087 ug/l	99
37) Trichloroethene	8.80	130	192294	51.190 ug/l	99
38) Methylcyclohexane	9.05	83	240744	55.633 ug/l	99
39) 1,2-Dichloropropane	9.08	63	187736	49.178 ug/l	97
40) Dibromomethane	9.17	93	128072	48.218 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	283637	50.613	ug/l	99
42) Vinyl Acetate	5.84	43	2488491	246.189	ug/l	100
43) Ethyl Acetate	6.88	43	226819	44.052	ug/l	98
44) Isopropyl Acetate	8.13	43	426954	49.140	ug/l #	90
45) 1,4-Dioxane	9.16	88	50842	935.295	ug/l	92
46) Methyl methacrylate	9.16	41	209967	48.977	ug/l	99
47) n-amyl Acetate	12.04	43	384226	49.631	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	319550	52.417	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	328099	51.788	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	173823	48.466	ug/l	98
51) Ethyl methacrylate	10.40	69	271826	51.435	ug/l	99
52) 1,3-Dichloropropane	10.68	76	296363	48.232	ug/l	99
53) Dibromochloromethane	10.87	129	221229	53.079	ug/l	97
54) 1,2-Dibromoethane	10.97	107	184193	49.059	ug/l	94
55) 2-Chloroethyl vinyl ether	9.66	63	708409	249.728	ug/l	100
56) Bromoform	12.10	173	154884	53.047	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	1164479	233.988	ug/l	99
59) 2-Hexanone	10.72	43	855982	230.089	ug/l	99
61) Tetrachloroethene	10.60	164	181283	53.953	ug/l	97
62) Toluene	10.12	91	783258	51.646	ug/l	98
64) Chlorobenzene	11.41	112	479572	51.806	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	193288	53.569	ug/l	98
66) Ethyl Benzene	11.48	91	903858	53.549	ug/l	99
67) m/p-Xylenes	11.60	106	660322	105.801	ug/l	100
68) o-Xylene	11.92	106	323514	54.181	ug/l	95
69) Styrene	11.94	104	548670	53.820	ug/l	99
70) Isopropylbenzene	12.22	105	856131	53.822	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	236889	48.527	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	242773m	49.797	ug/l	
73) Bromobenzene	12.50	156	205943	51.123	ug/l	97
74) n-propylbenzene	12.57	91	973060	52.576	ug/l	99
75) 2-Chlorotoluene	12.65	91	593430	52.517	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	732689	54.561	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	92639	50.911	ug/l	97
78) 4-Chlorotoluene	12.75	91	626740	52.618	ug/l	99
79) tert-butylbenzene	12.97	119	598148	55.197	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	723598	53.591	ug/l	98
81) sec-Butylbenzene	13.14	105	773318	54.439	ug/l	99
82) p-Isopropyltoluene	13.26	119	711459	54.919	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	366876	51.658	ug/l	98
84) 1,4-Dichlorobenzene	13.33	146	371438	52.260	ug/l	98
85) n-Butylbenzene	13.59	91	635884	56.169	ug/l	99
86) Hexachloroethane	13.85	117	123412	55.312	ug/l	95
87) 1,2-Dichlorobenzene	13.63	146	357737	51.700	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	58515	49.958	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	219670	59.480	ug/l	97
90) Hexachlorobutadiene	14.98	225	108523	56.795	ug/l	98
91) Naphthalene	15.10	128	667257	60.012	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	210220	59.245	ug/l	100

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VSTDICC050

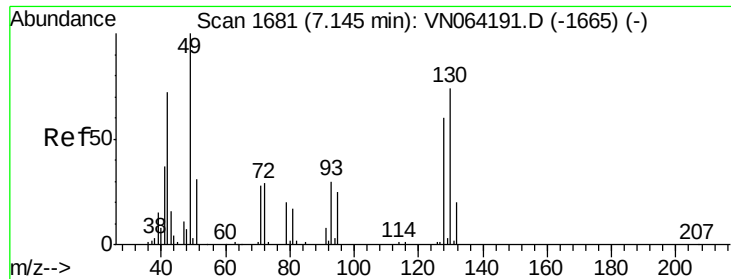
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion:128 Resp: 53705

Ion Ratio Lower Upper

128 100

49 175.0 0.0 433.3

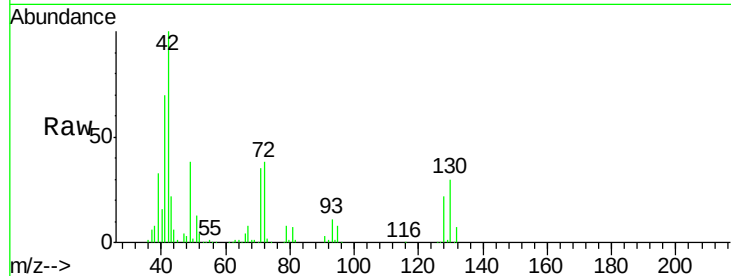
130 130.2 0.0 322.5

Manual Integrations

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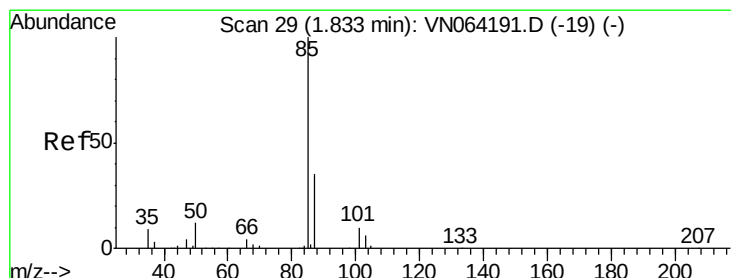
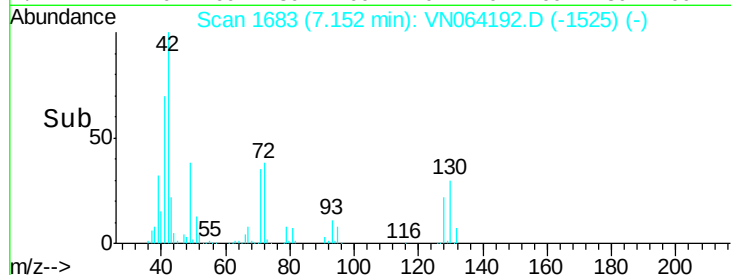
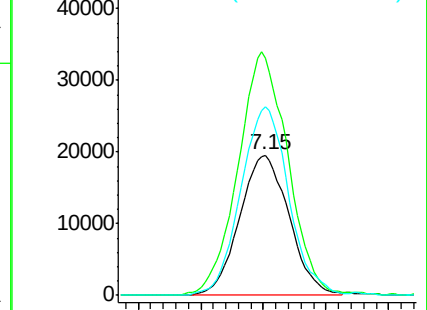
10/23/2020 2:28:37 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 57.237 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064192.D

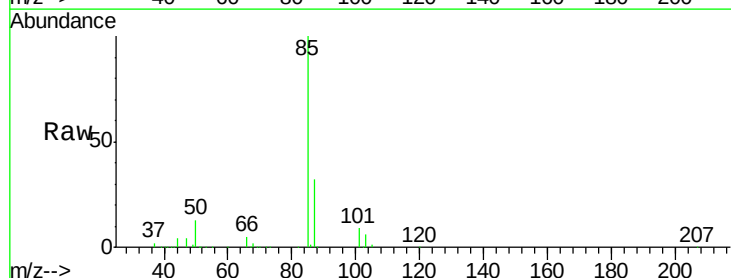
Acq: 20 Oct 2020 10:48

Tgt Ion: 85 Resp: 200811

Ion Ratio Lower Upper

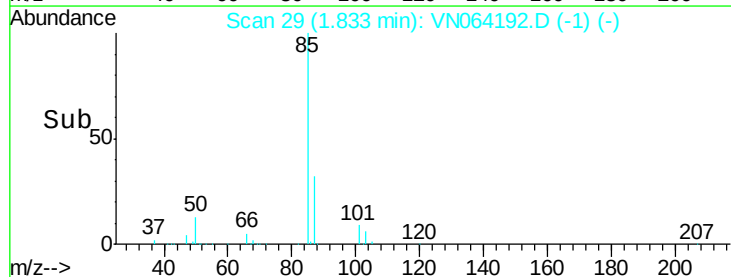
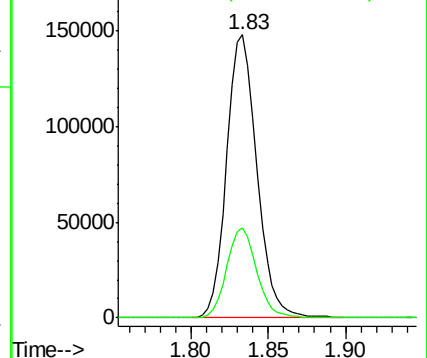
85 100

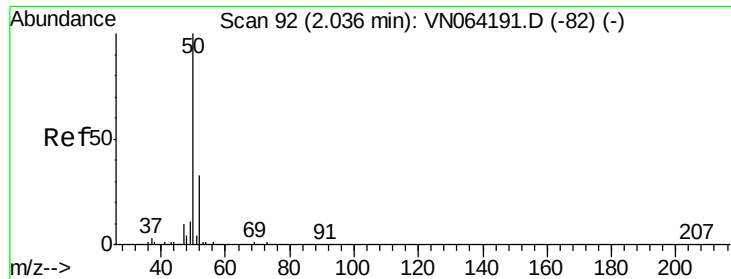
87 31.7 17.8 53.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 52.821 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 192383

Ion Ratio Lower Upper

50 100

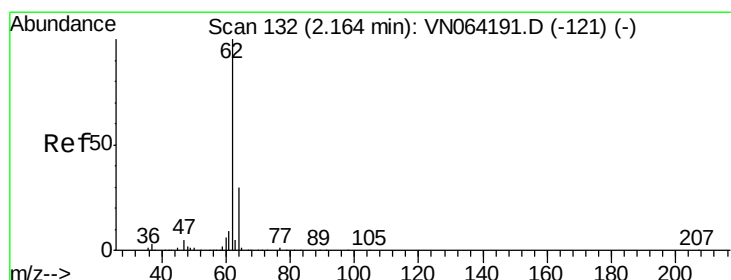
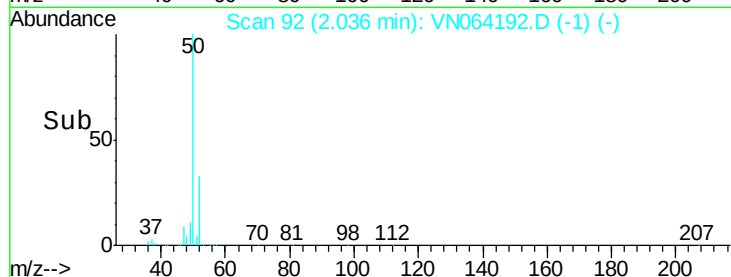
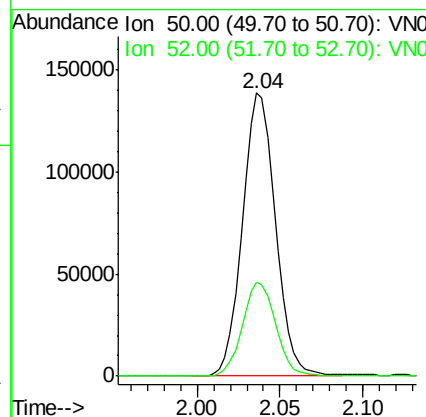
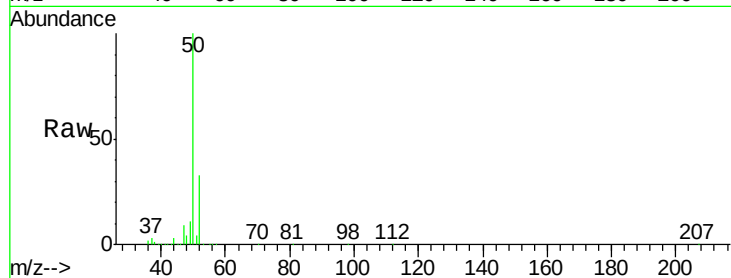
52 33.1 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.333 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064192.D

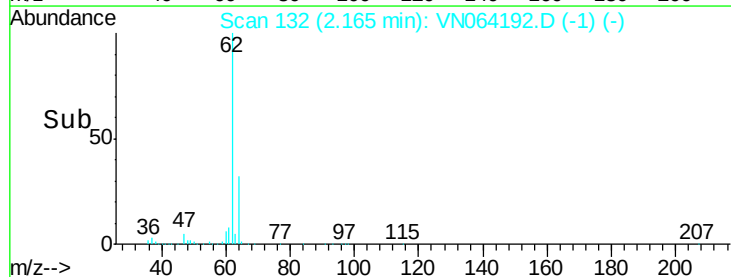
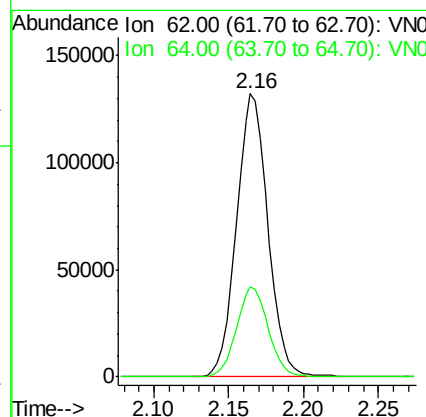
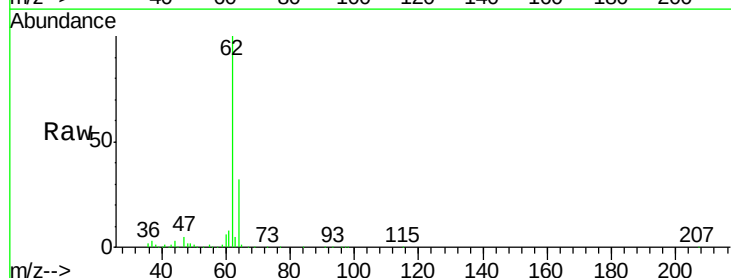
Acq: 20 Oct 2020 10:48

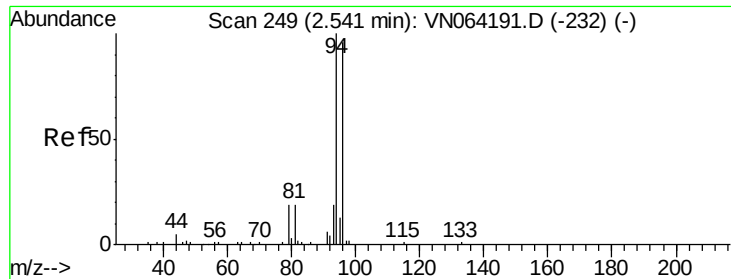
Tgt Ion: 62 Resp: 193242

Ion Ratio Lower Upper

62 100

64 31.8 24.4 36.6





#5

Bromomethane

Concen: 48.775 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 111979

Ion Ratio Lower Upper

94 100

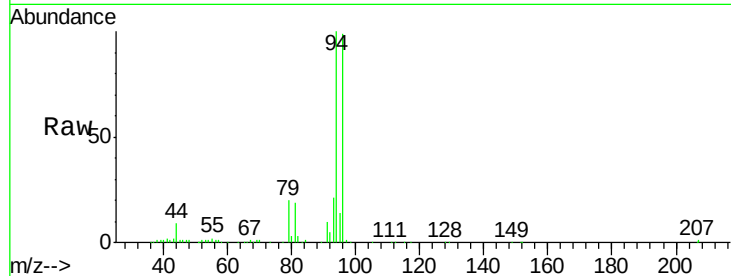
96 98.4 76.6 115.0

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN064192.D (-246) (-)

Ion 96.00 (95.70 to 96.70): VN064192.D (-246) (-)

2.53

60000

50000

40000

30000

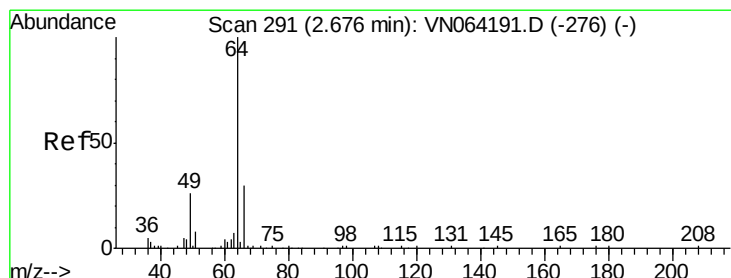
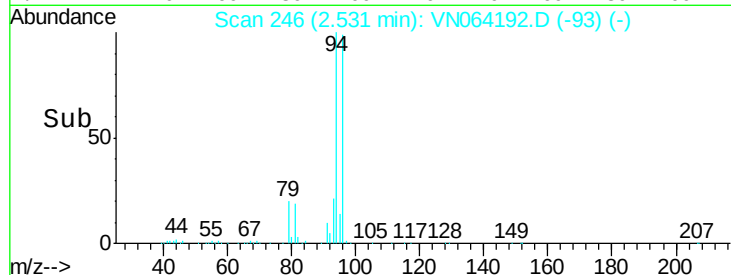
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 49.354 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064192.D

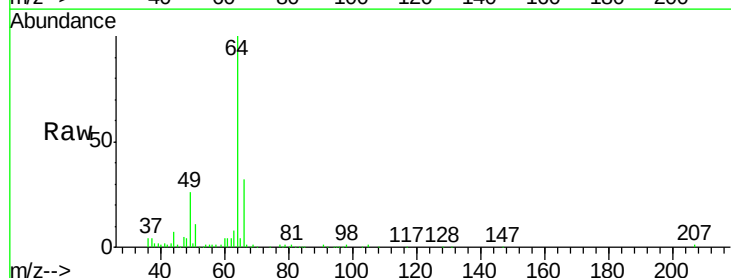
Acq: 20 Oct 2020 10:48

Tgt Ion: 64 Resp: 110647

Ion Ratio Lower Upper

64 100

66 31.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VN064192.D (-290) (-)

Ion 66.00 (65.70 to 66.70): VN064192.D (-290) (-)

2.67

60000

50000

40000

30000

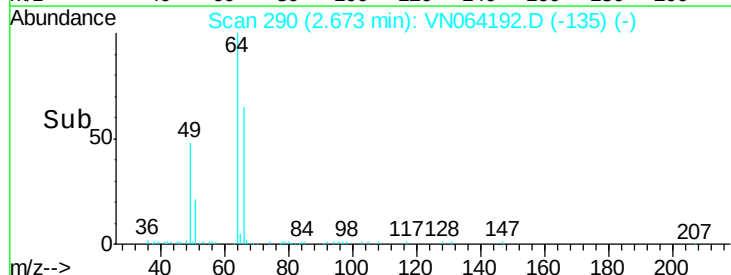
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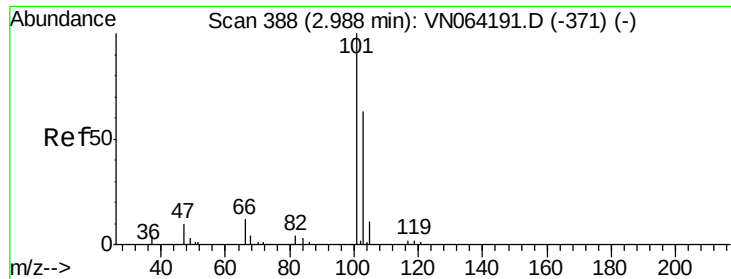
10000

0

Time-->

2.60 2.65 2.70 2.75





#7

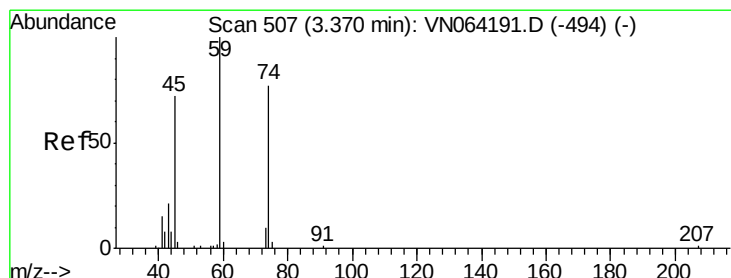
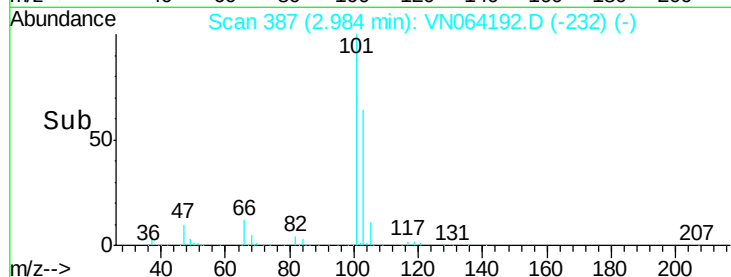
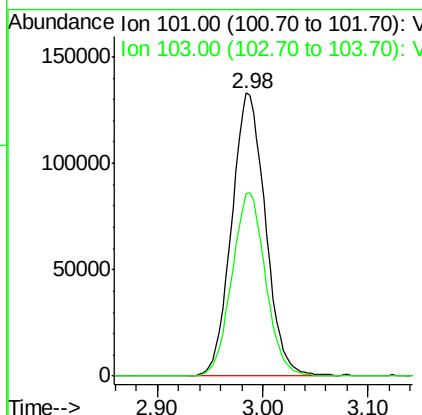
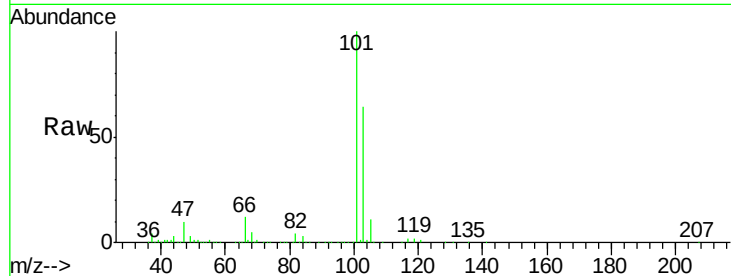
Trichlorofluoromethane
 Concen: 50.871 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
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 VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.7	76.1

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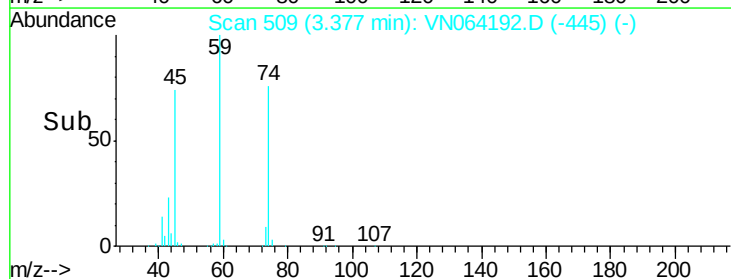
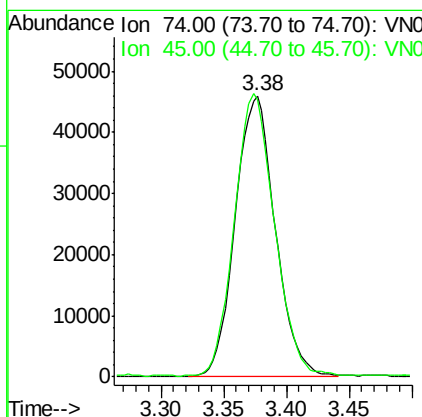
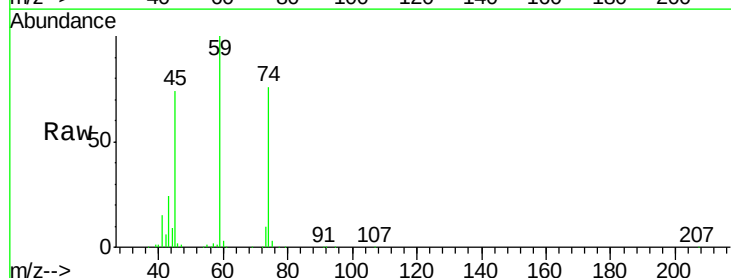
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 10/23/2020 2:28:37 PM

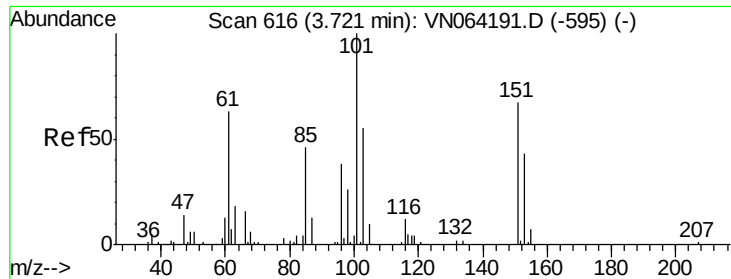


#8

Diethyl Ether
 Concen: 54.427 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	19.5	175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.525 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

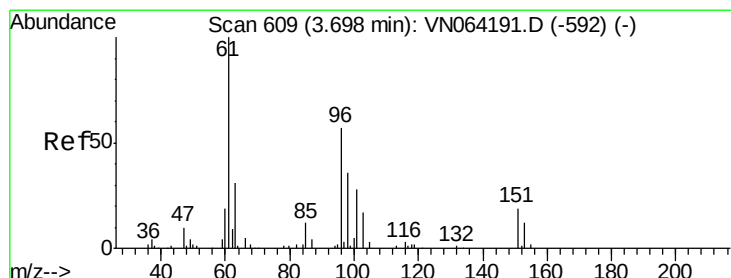
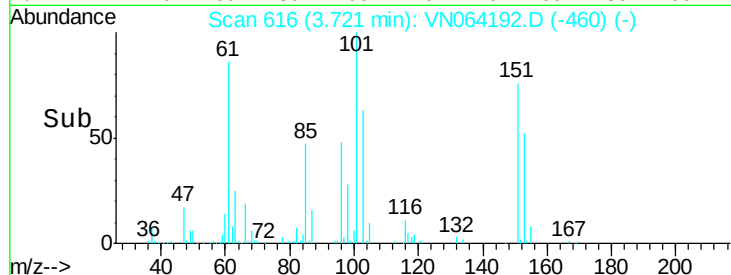
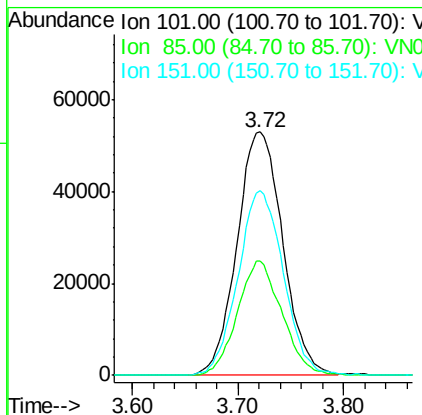
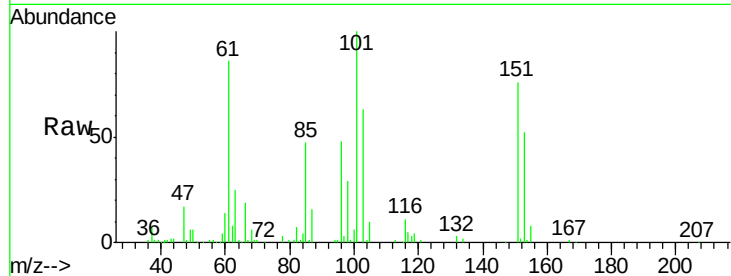
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	159950
Ion Ratio	Lower	Upper	
101	100		
85	45.7	0.0	94.0
151	75.2	0.0	146.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 54.585 ug/l

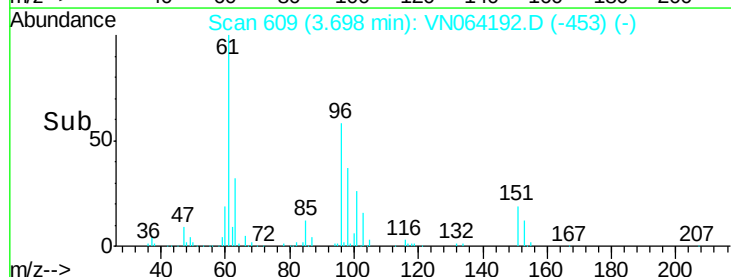
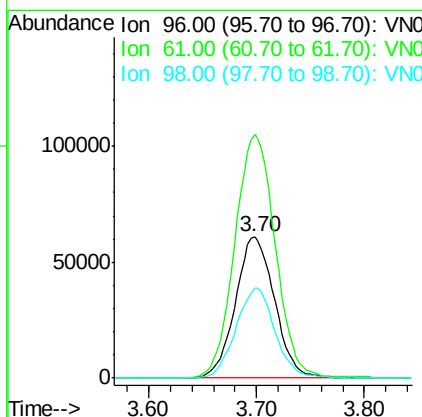
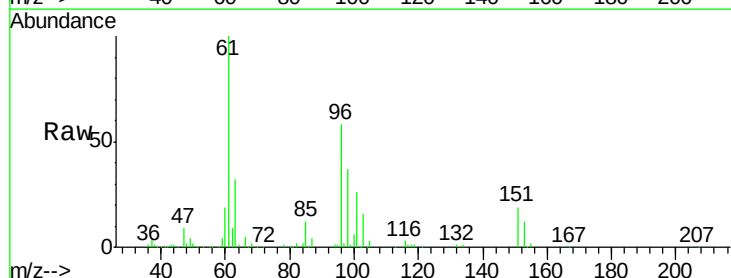
RT: 3.70 min Scan# 609

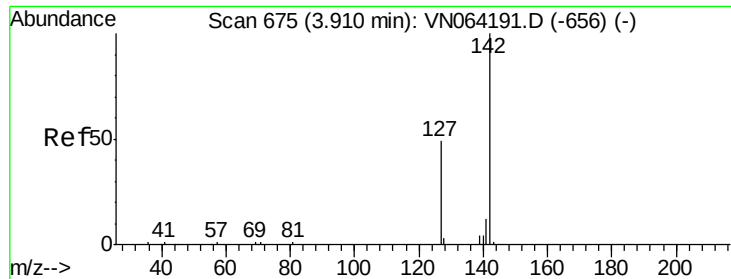
Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Tgt Ion:	96	Resp:	154213
Ion Ratio	Lower	Upper	
96	100		
61	172.6	141.0	211.4
98	63.4	51.4	77.2





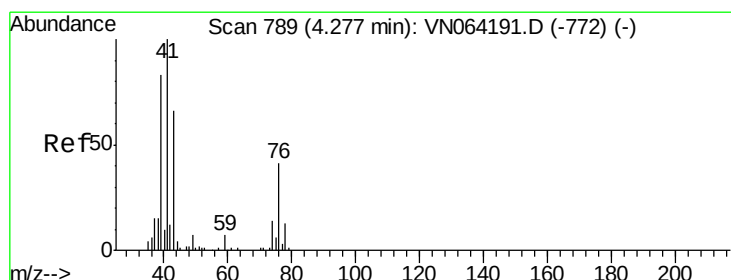
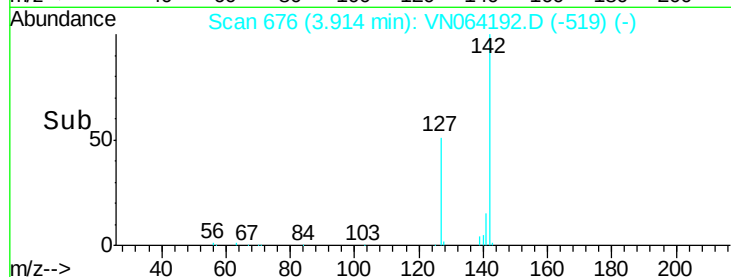
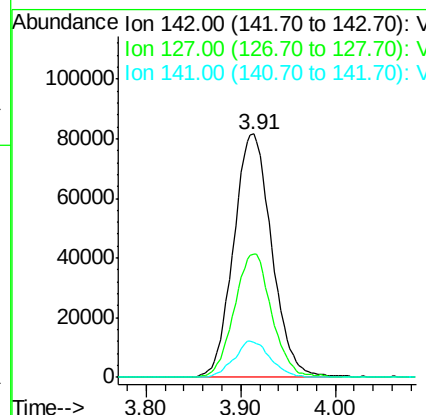
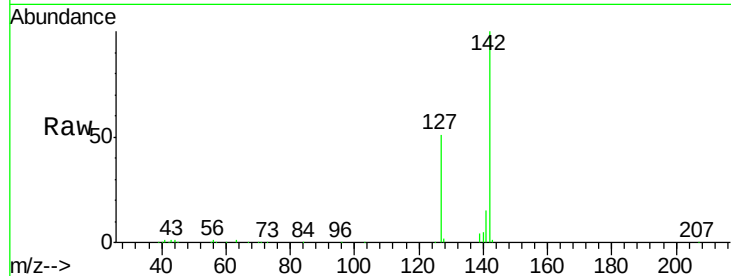
#11
Methvl Iodide
Concen: 62.303 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.8	24.5	73.5
141	14.6	6.0	18.1

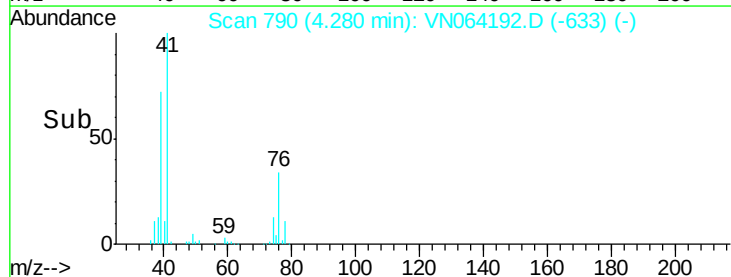
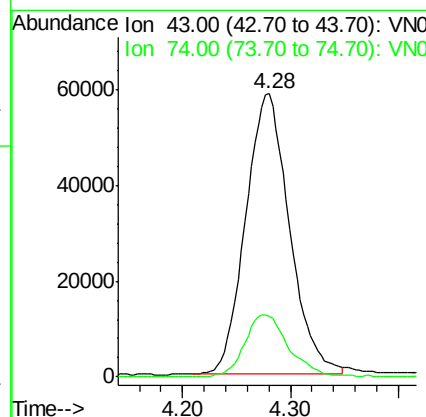
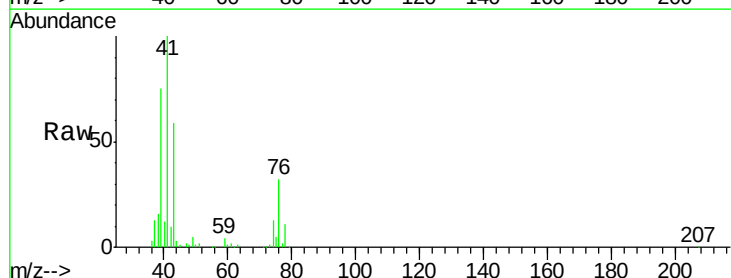
Manual Integrations
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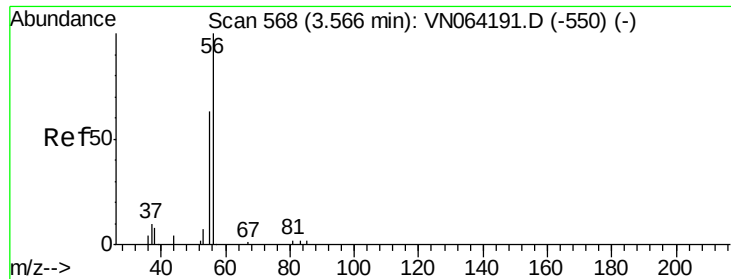
MMDadoda
10/23/2020 2:28:37 PM



#12
Methyl Acetate
Concen: 49.331 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.2	24.2





#13

Acrolein

Concen: 245.246 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 83477

Ion Ratio Lower Upper

56 100

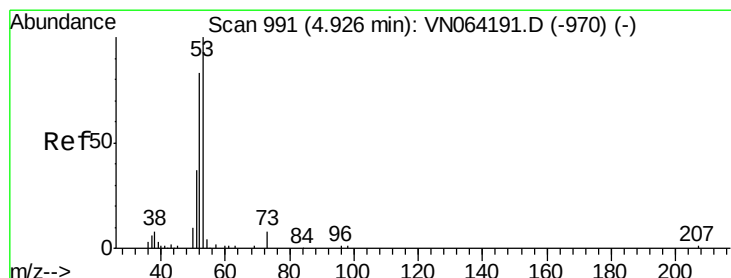
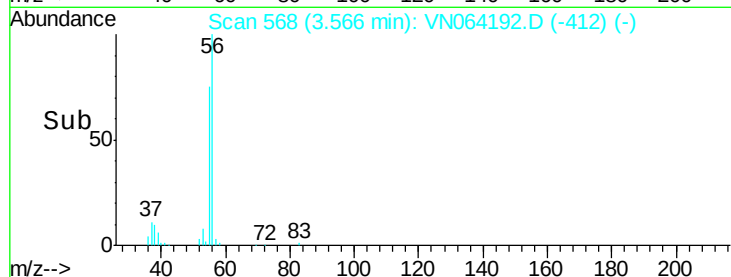
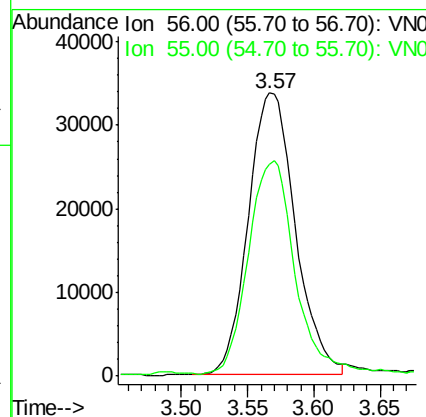
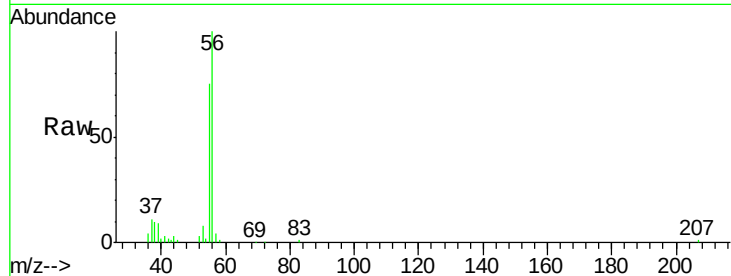
55 74.7 0.5 0.7#

Manual Integrations

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#14

Acrylonitrile

Concen: 237.556 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

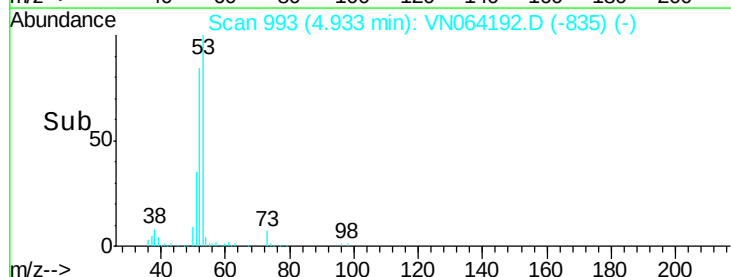
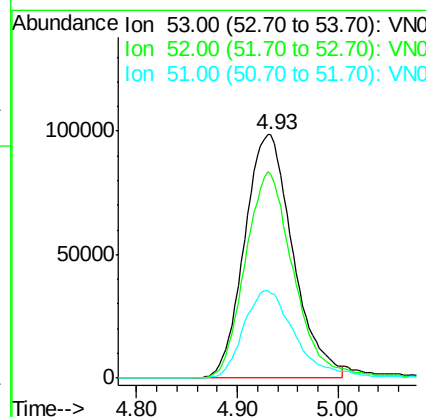
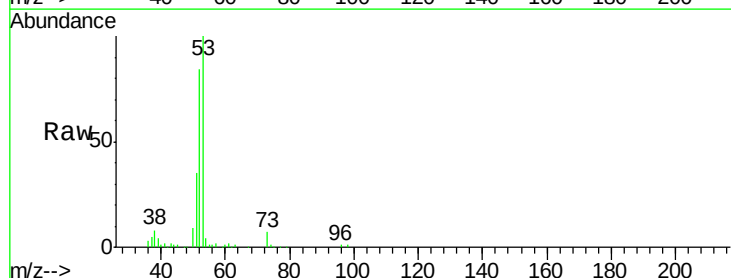
Tgt Ion: 53 Resp: 328702

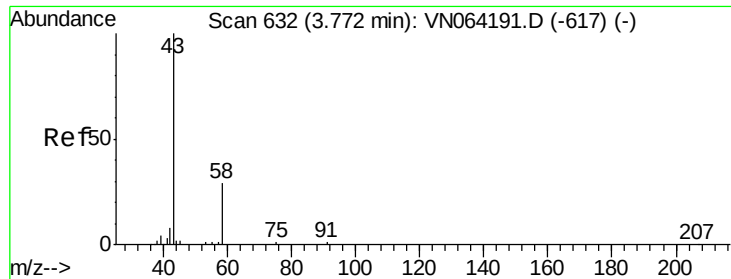
Ion Ratio Lower Upper

53 100

52 84.7 41.3 123.9

51 38.2 18.1 54.1





#15

Acetone

Concen: 231.657 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 58 Resp: 90505

Ion Ratio Lower Upper

58 100

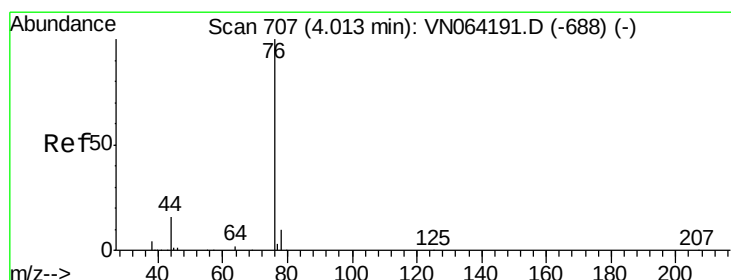
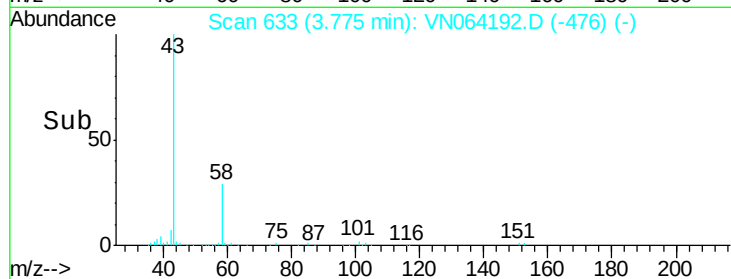
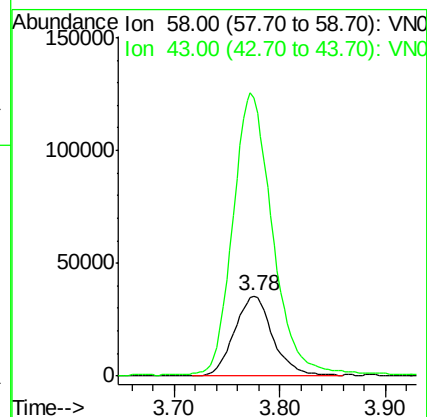
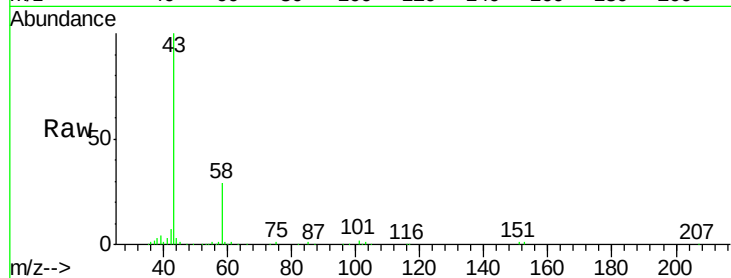
43 343.2 272.1 408.1

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#16

Carbon Disulfide

Concen: 52.618 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064192.D

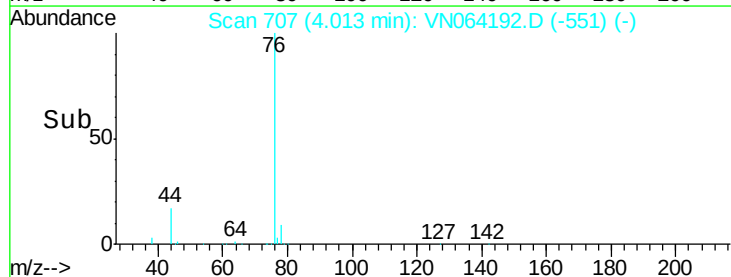
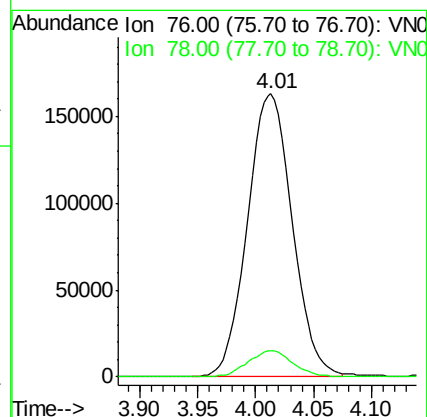
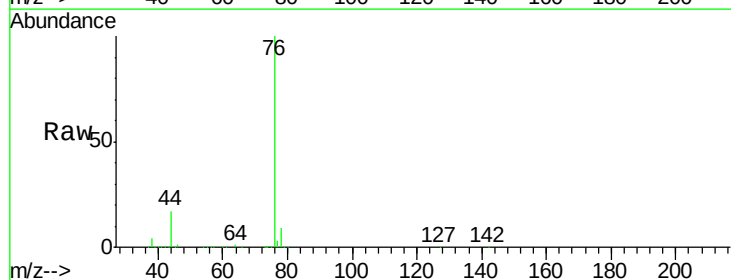
Acq: 20 Oct 2020 10:48

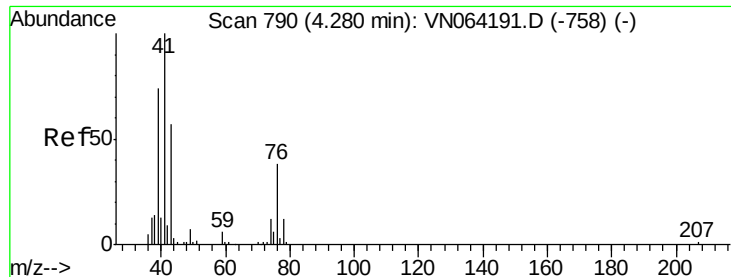
Tgt Ion: 76 Resp: 438174

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5





#17

Allvl chloride

Concen: 58.719 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

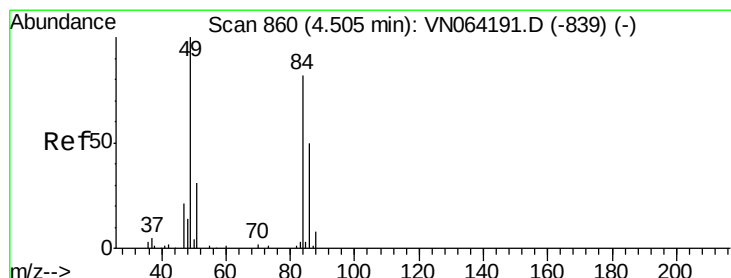
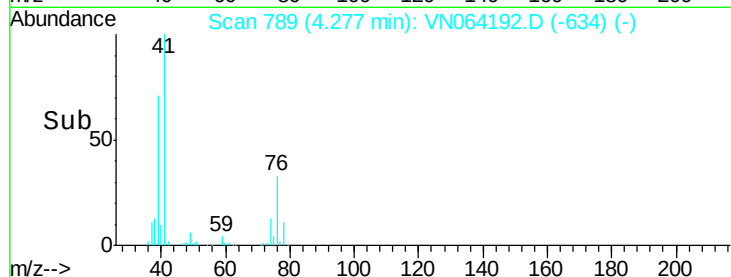
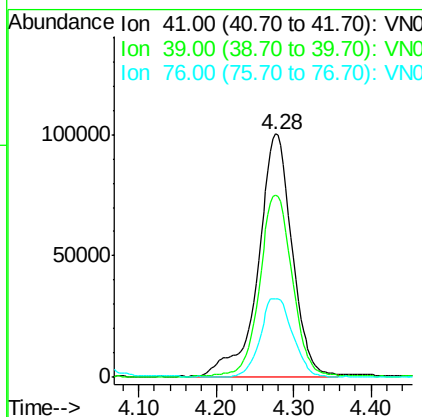
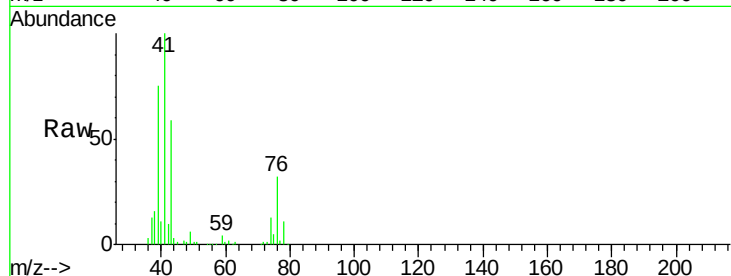
ClientSampleId :

VSTDIC050

Tot Ion:	41	Resp:	304141
Ion Ratio	Lower	Upper	
41	100		
39	74.5	36.8	110.4
76	32.1	18.8	56.4

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#18

Methylene Chloride

Concen: 51.909 ug/l

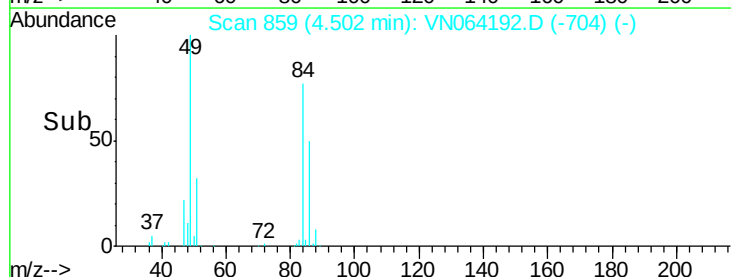
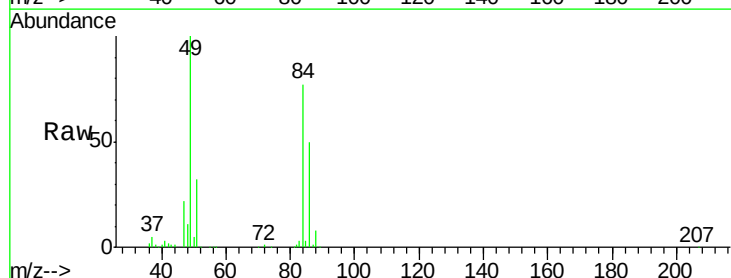
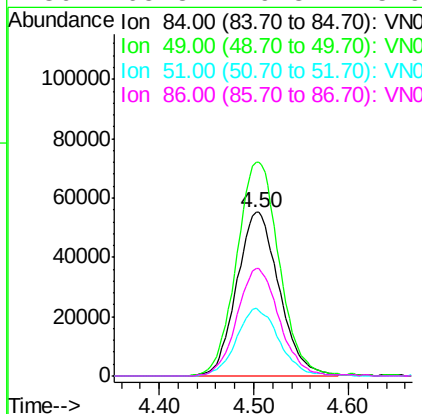
RT: 4.50 min Scan# 859

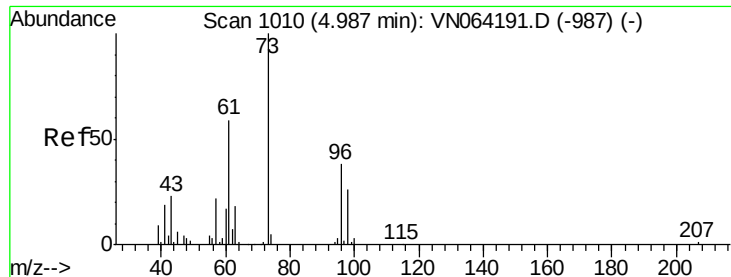
Delta R.T. -0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Tgt Ion:	84	Resp:	171996
Ion Ratio	Lower	Upper	
84	100		
49	130.1	97.6	146.4
51	41.1	31.1	46.7
86	65.8	49.3	73.9





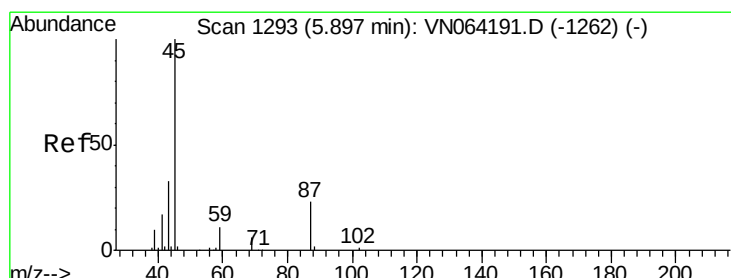
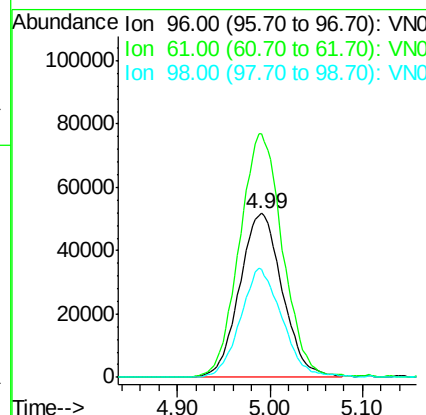
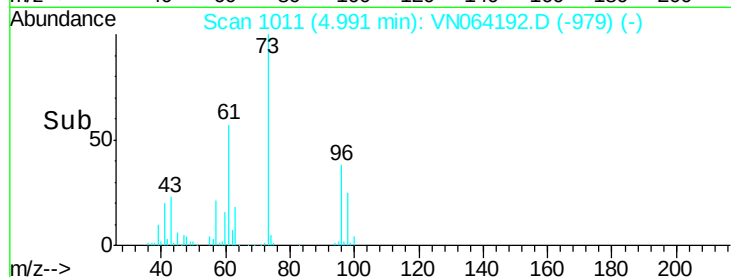
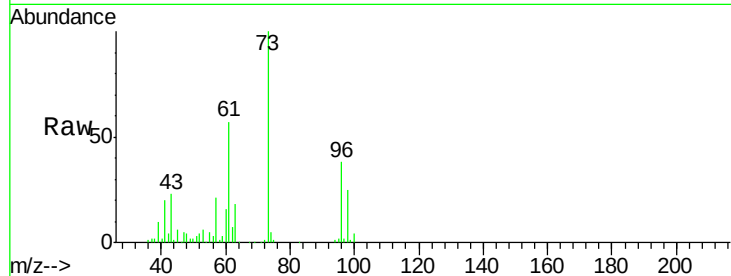
#19
trans-1,2-Dichloroethene
Concen: 51.779 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	125.5	188.3
98	65.6	54.7	82.1

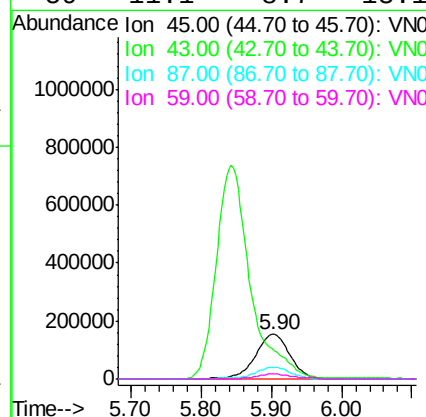
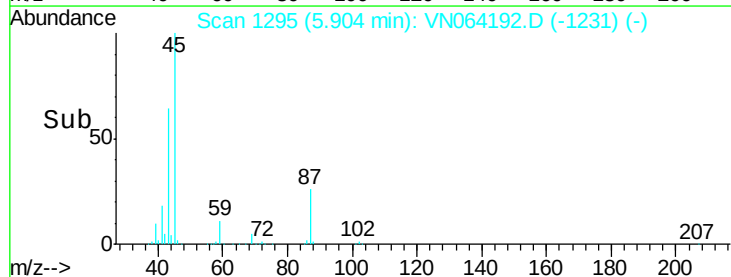
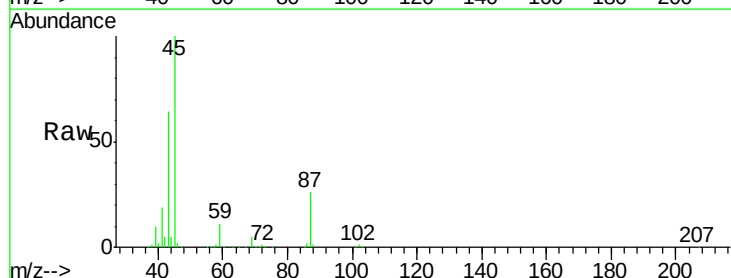
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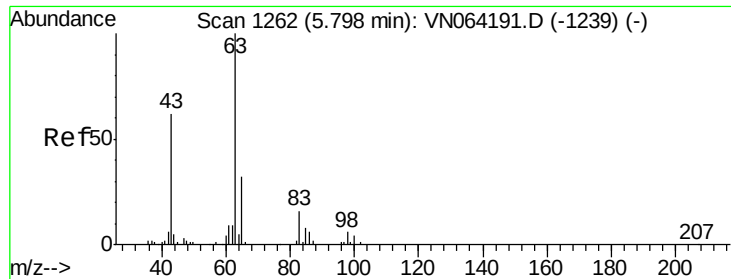
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#20
Diisopropyl ether
Concen: 50.938 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.1	55.1	82.7
87	26.1	19.4	29.2
59	11.1	8.7	13.1





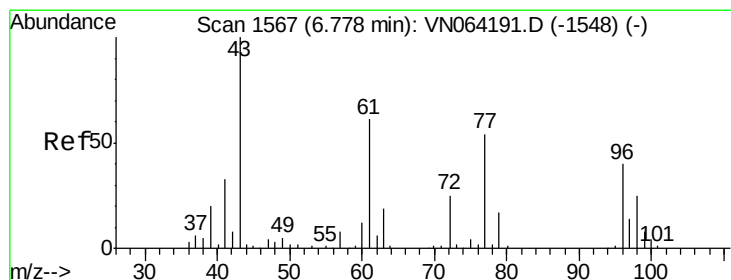
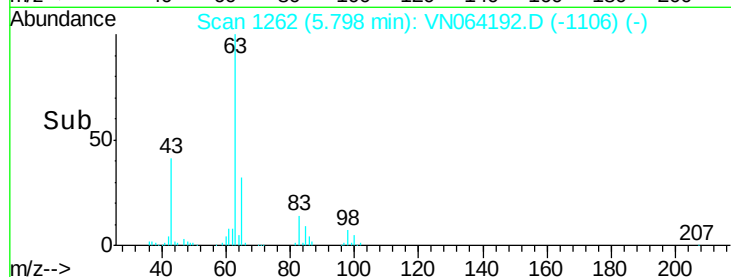
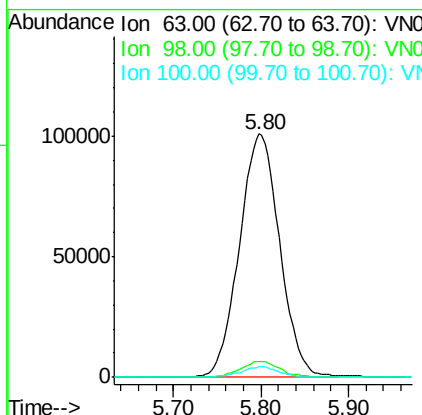
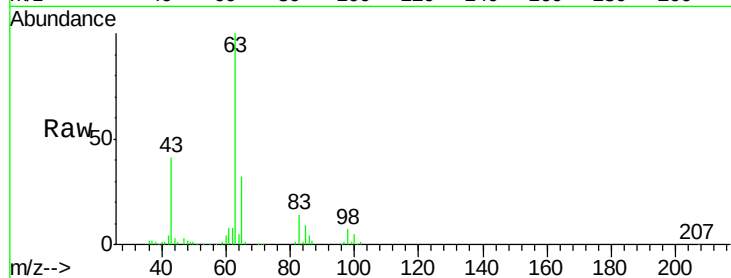
#21
 1,1-Dichloroethane
 Concen: 51.382 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.6	2.9	8.7
100	4.5	2.1	6.3

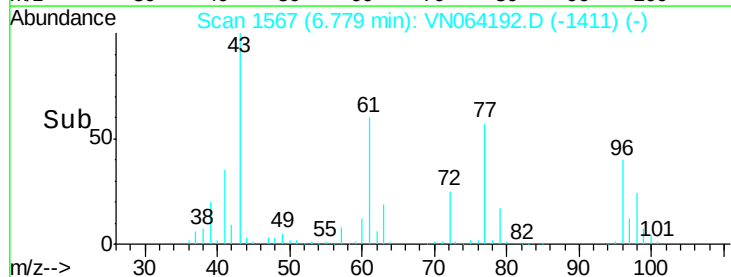
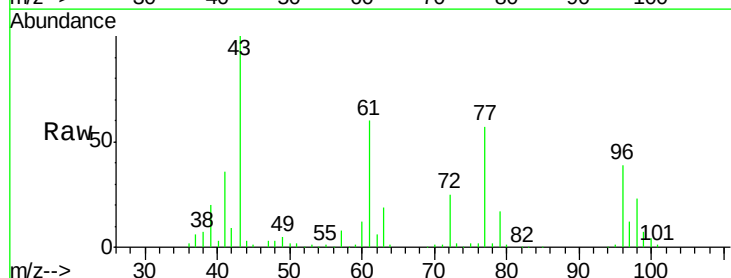
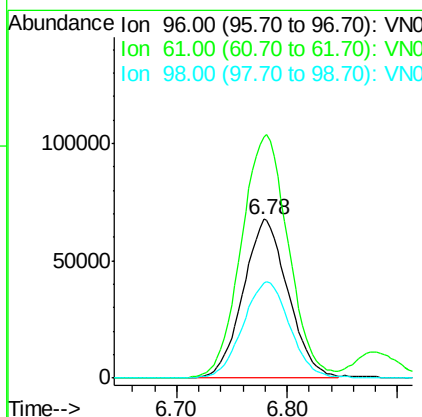
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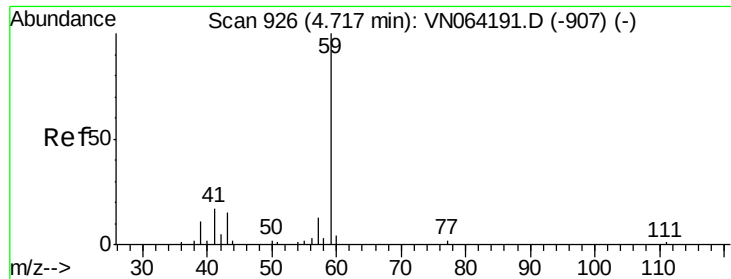
MMDadoda
 10/23/2020 2:28:37 PM



#22
 cis-1,2-Dichloroethene
 Concen: 52.439 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	160.9	126.2	189.4
98	63.4	50.2	75.4





#23

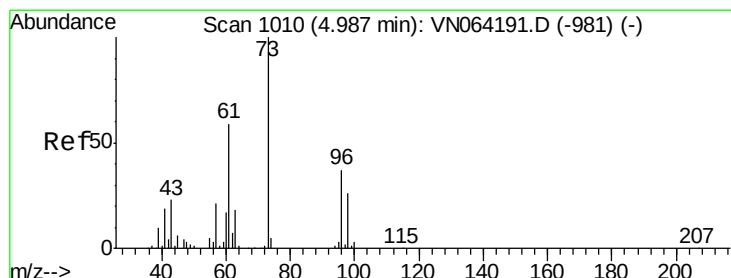
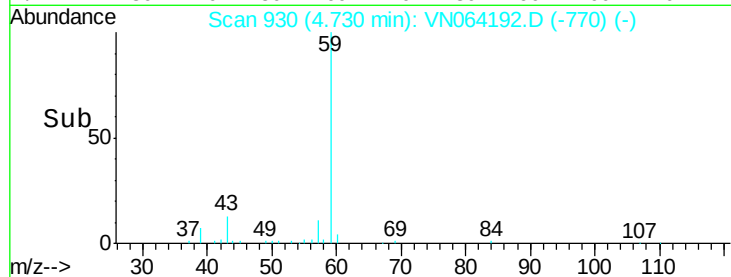
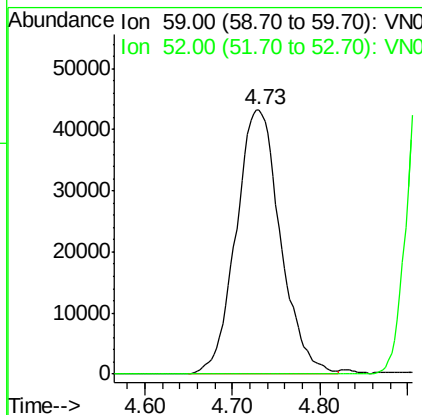
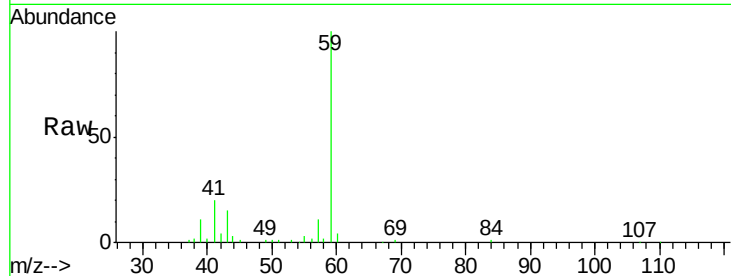
tert-Butyl Alcohol
 Concen: 256.507 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

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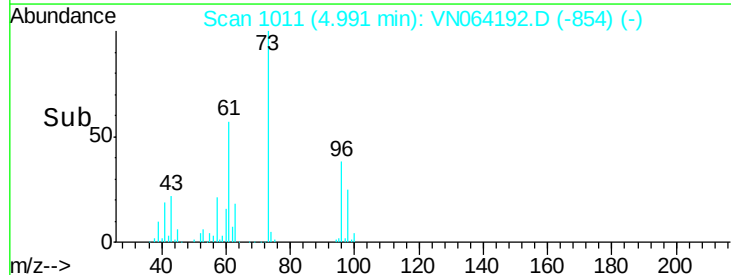
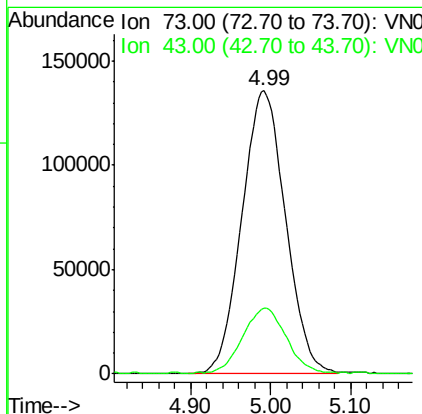
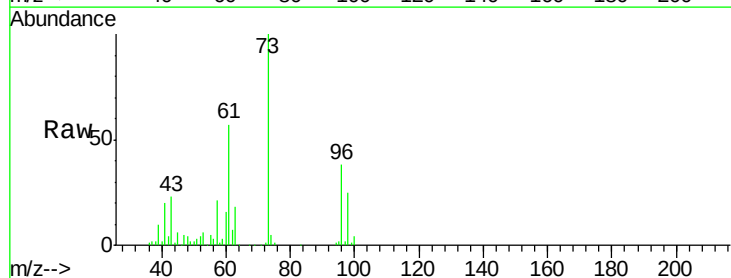
MMDadoda
 10/23/2020 2:28:37 PM

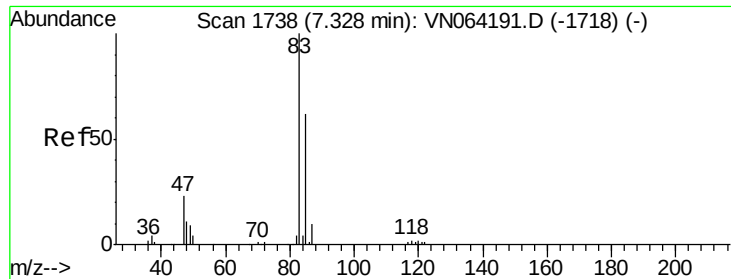


#24

Methyl tert-Butyl Ether
 Concen: 53.763 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.8	18.2	27.2





#25

Chloroform

Concen: 51.335 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 337275

Ion Ratio Lower Upper

83 100

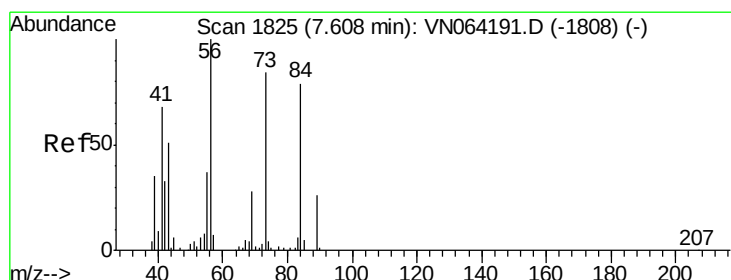
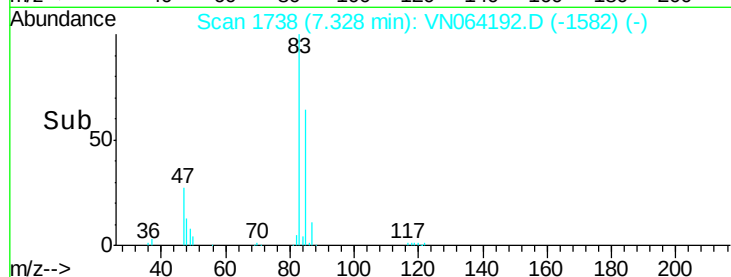
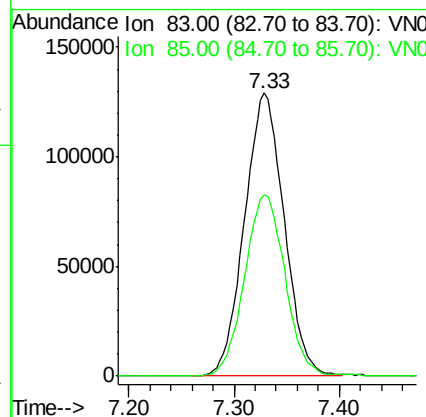
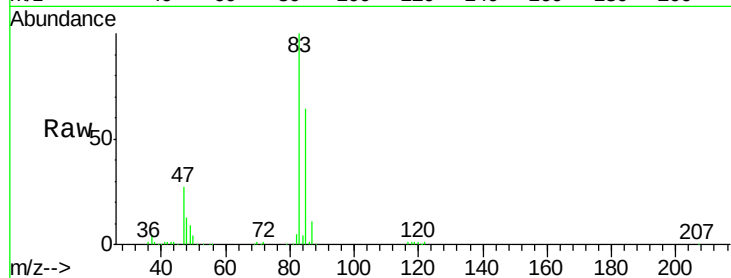
85 64.0 49.7 74.5

Manual Integrations

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#26

Cyclohexane

Concen: 54.824 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

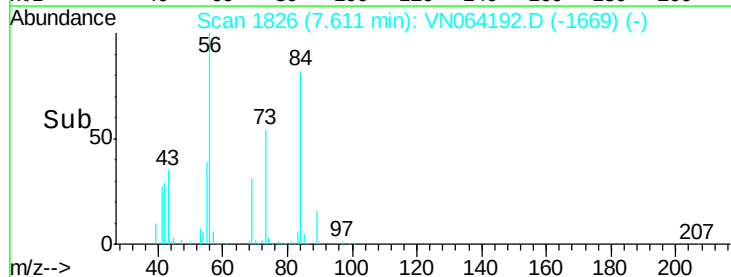
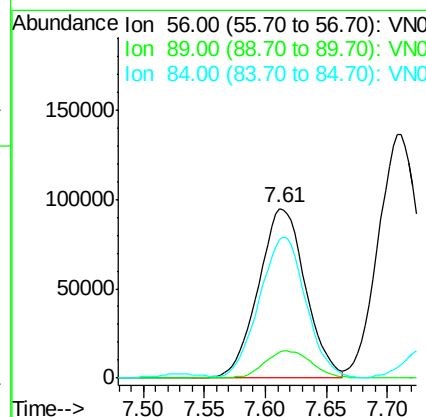
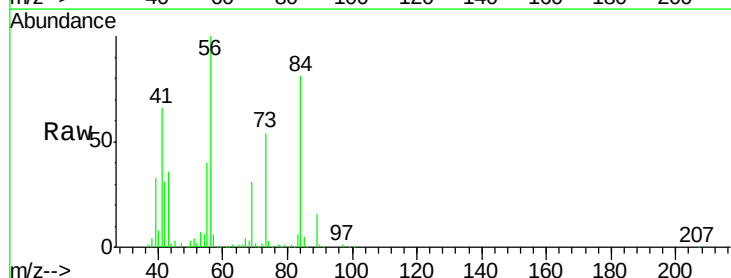
Tgt Ion: 56 Resp: 254010

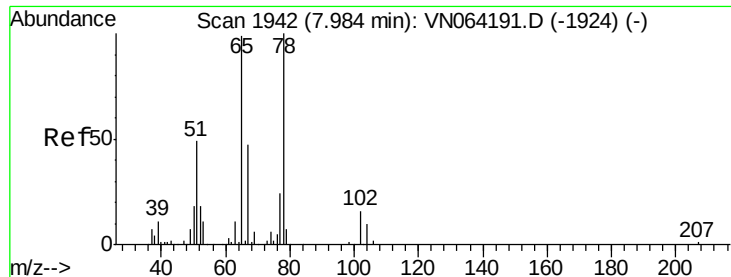
Ion Ratio Lower Upper

56 100

89 16.0 21.4 32.0#

84 82.3 65.8 98.6





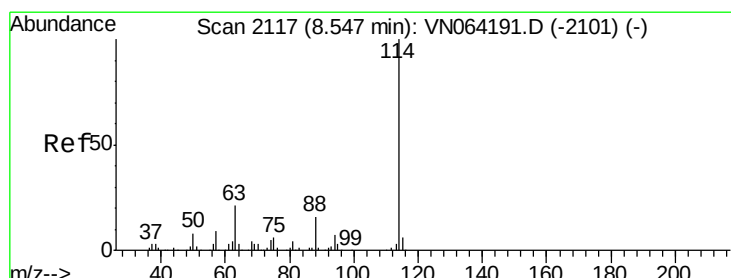
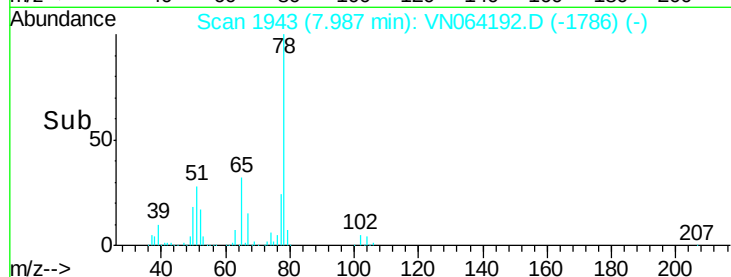
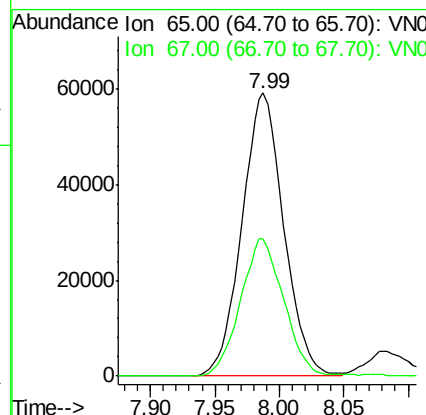
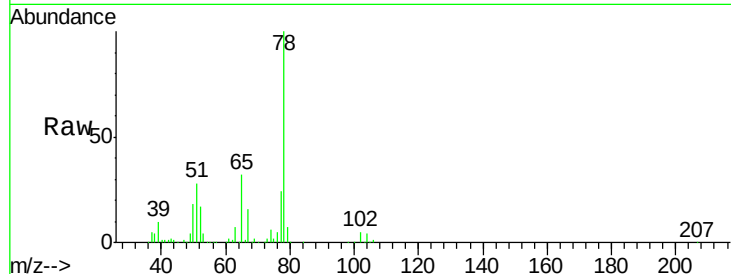
#27
 1,2-Dichloroethane-d4
 Concen: 28.015 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.5	39.8	59.6

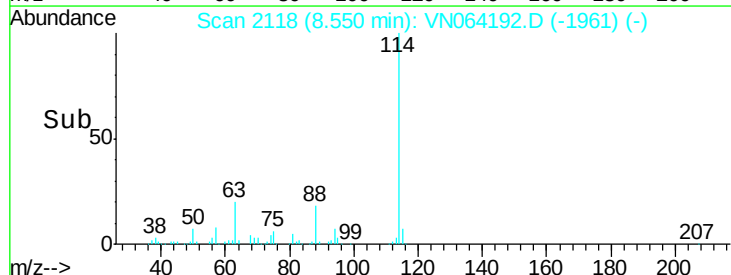
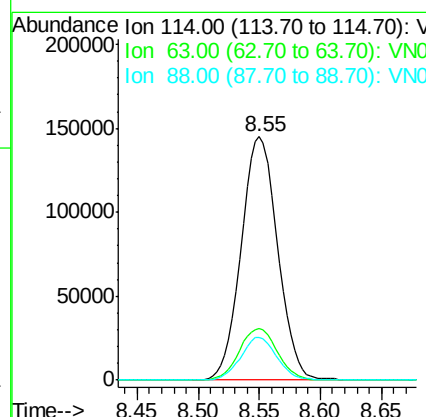
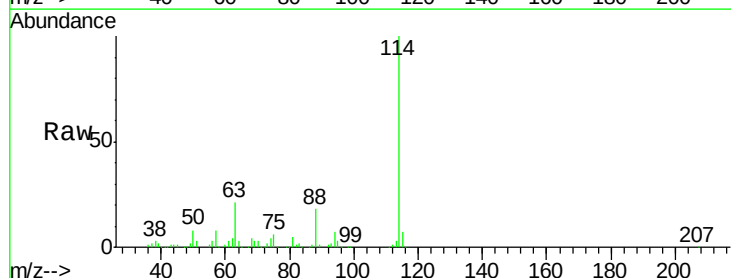
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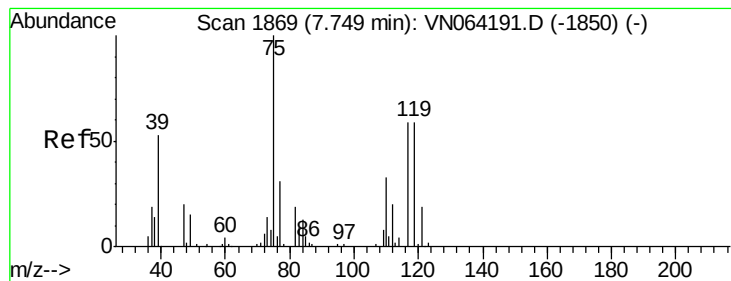
MMDadoda
 10/23/2020 2:28:37 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	17.0	25.4
88	17.3	13.0	19.4





#29

1,1-Dichloropropene

Concen: 50.235 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

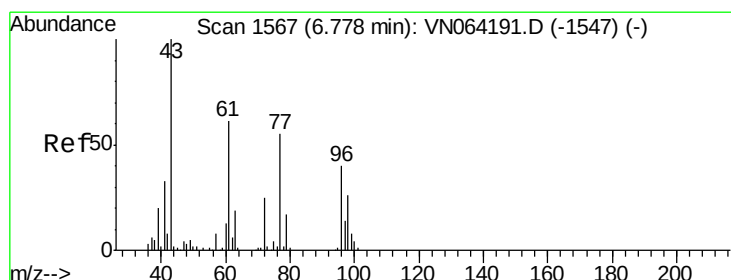
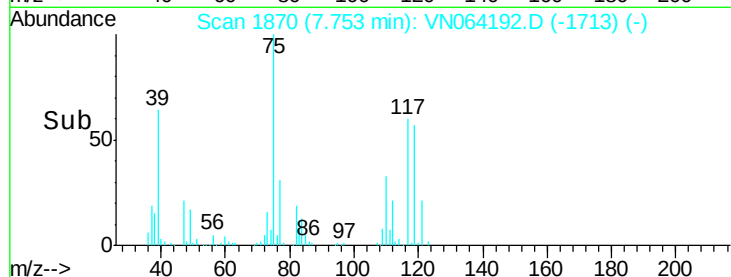
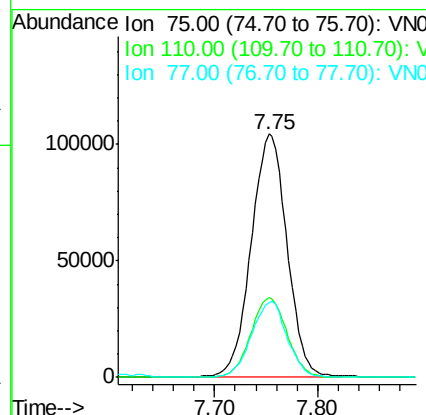
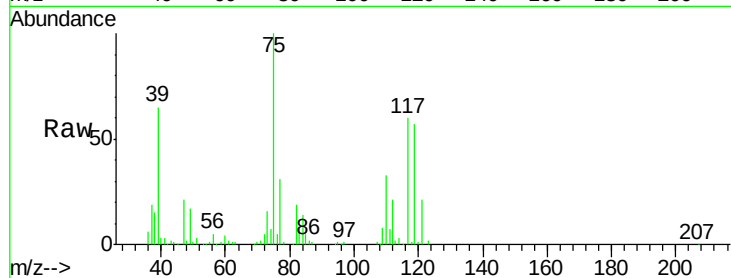
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	251908
Ion Ratio	Lower	Upper	
75	100		
110	33.0	0.0	66.8
77	31.1	0.0	63.6

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#30

2-Butanone

Concen: 219.221 ug/l

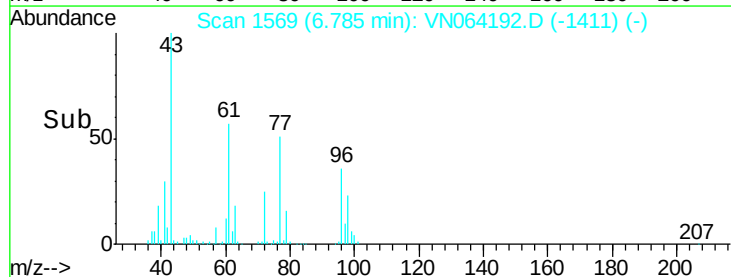
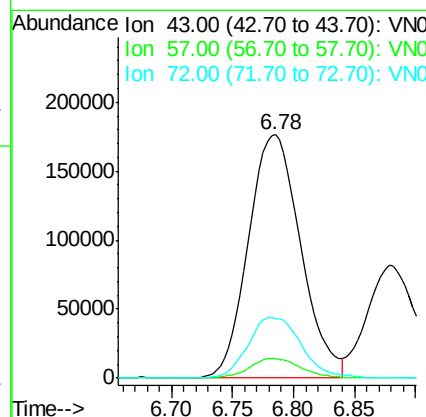
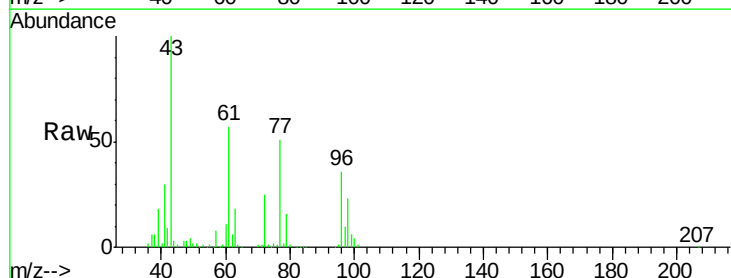
RT: 6.78 min Scan# 1569

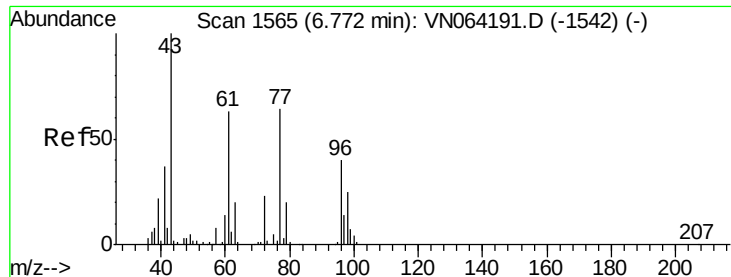
Delta R.T. 0.01 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Tgt Ion:	43	Resp:	520990
Ion Ratio	Lower	Upper	
43	100		
57	8.1	5.8	8.6
72	25.7	19.8	29.8





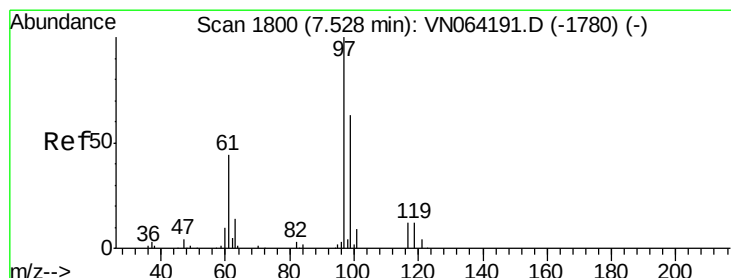
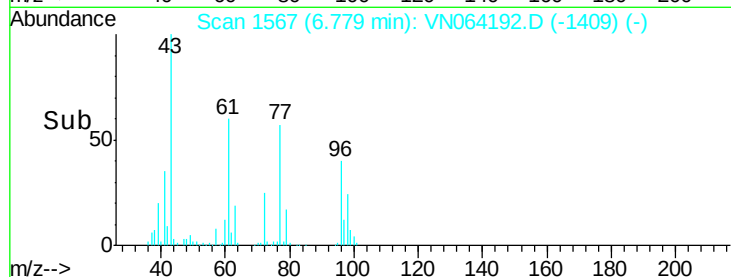
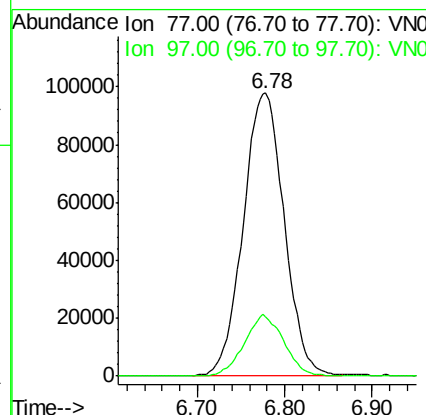
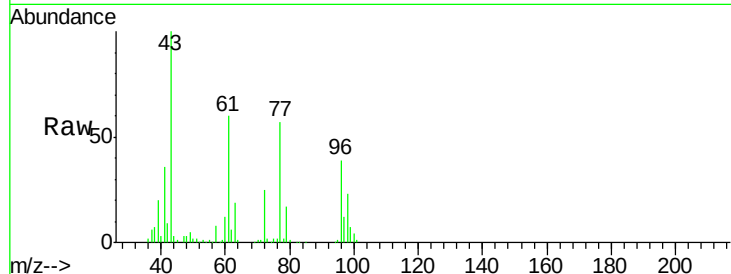
#31
 2,2-Dichloropropane
 Concen: 52.593 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
97	20.8	17.3	25.9

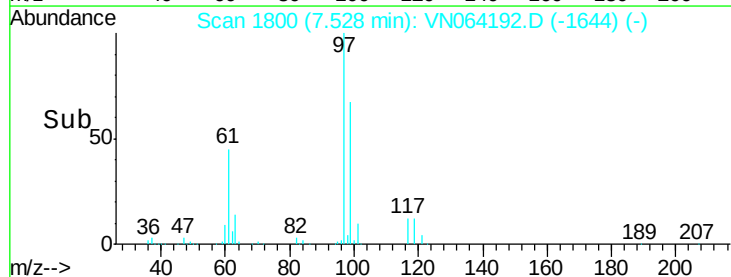
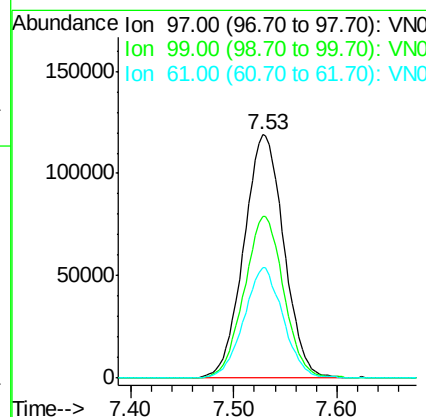
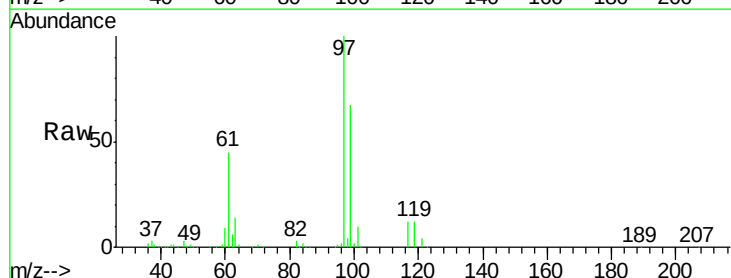
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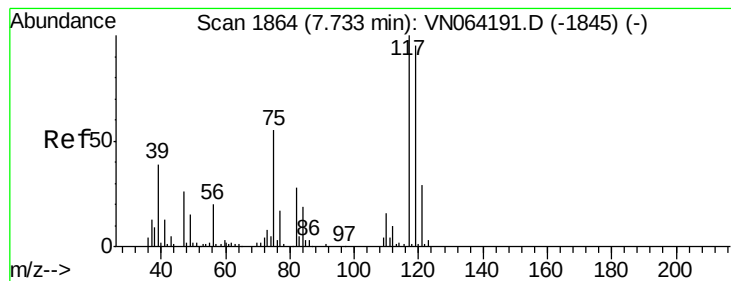
MMDadoda
 10/23/2020 2:28:37 PM



#32
 1,1,1-Trichloroethane
 Concen: 50.548 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	44.3	34.8	52.2





#33

Carbon Tetrachloride

Concen: 52.476 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

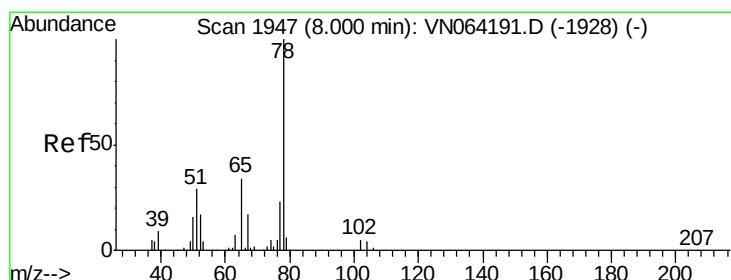
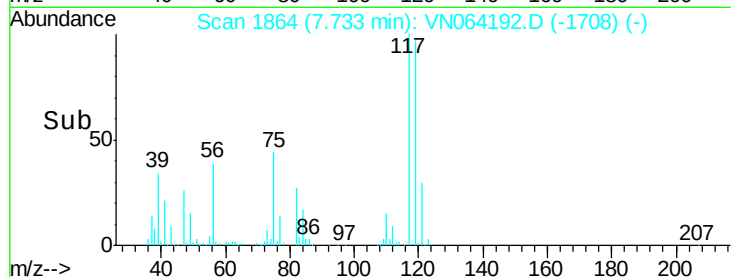
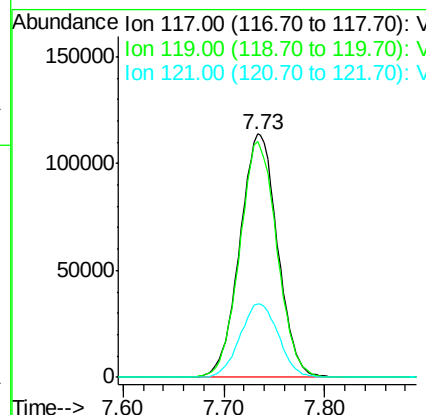
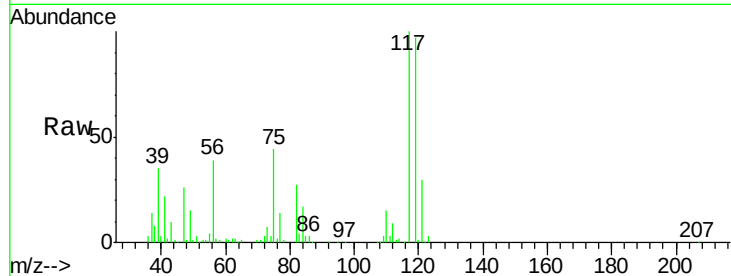
ClientSampleId :

VSTDIC050

Tot Ion:	117	Resp:	295275
Ion Ratio	Lower	Upper	
117	100		
119	96.9	76.0	114.0
121	30.3	23.0	34.6

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#34

Benzene

Concen: 50.073 ug/l

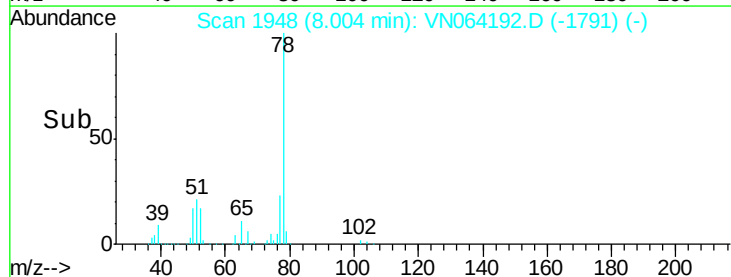
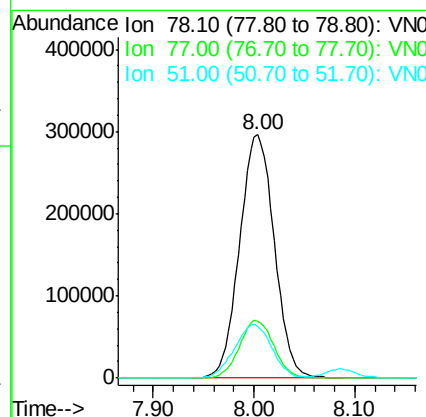
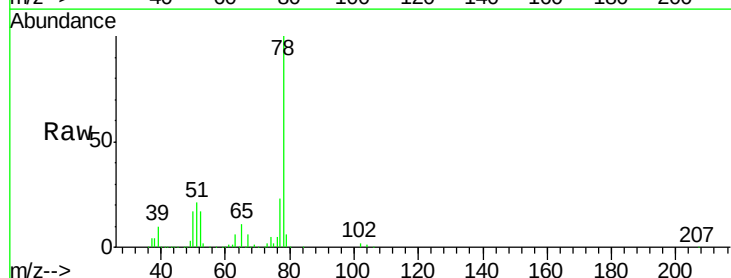
RT: 8.00 min Scan# 1948

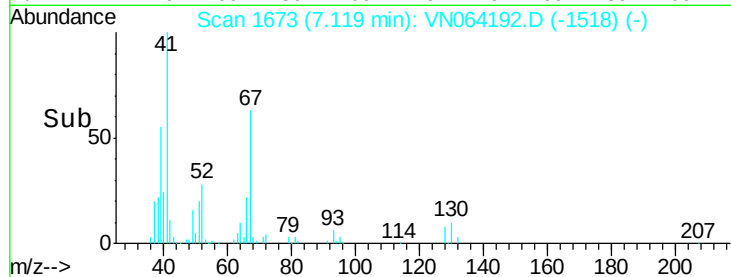
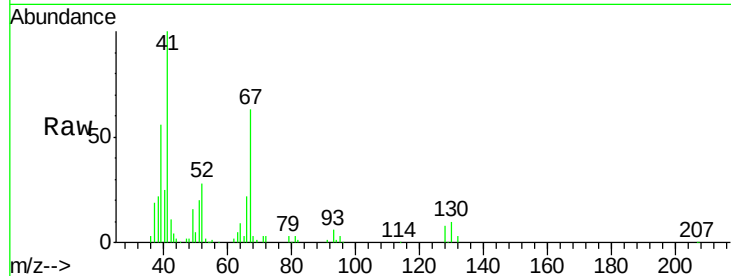
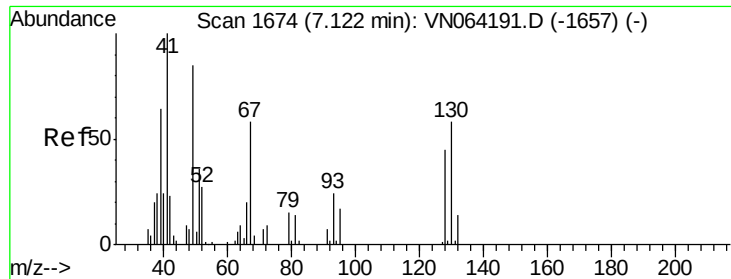
Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Tgt Ion:	78	Resp:	706934
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.4	27.6
51	21.3	23.0	34.6#





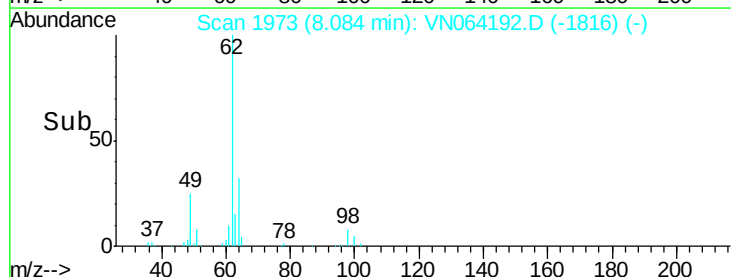
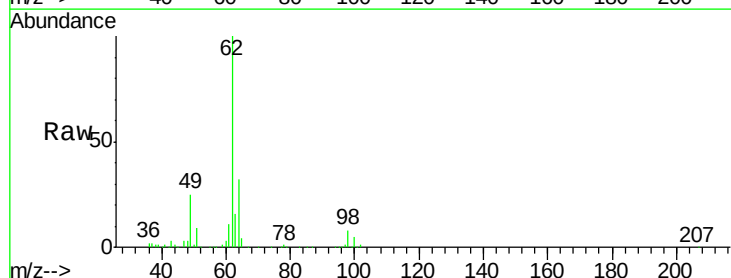
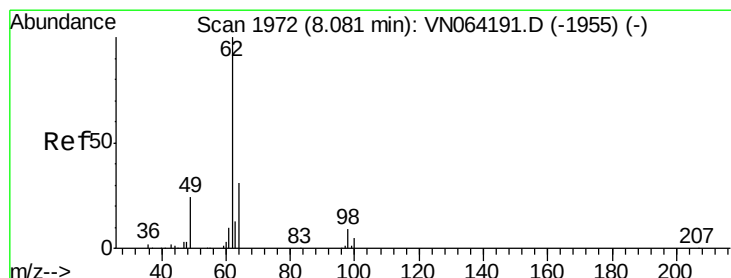
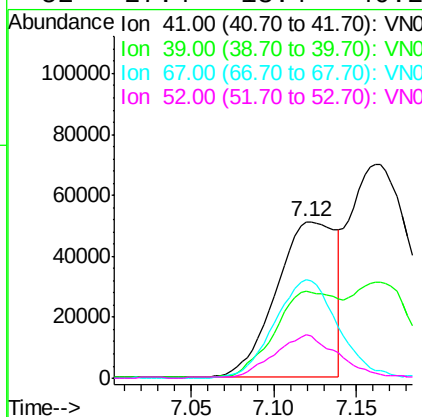
#35
Methacrylonitrile
Concen: 54.537 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	32.1	96.3	
67	63.1	28.9	86.8	
52	27.4	13.4	40.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

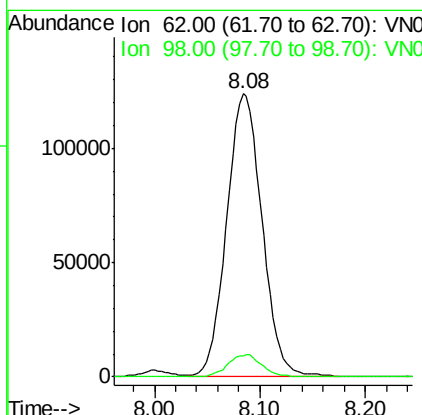
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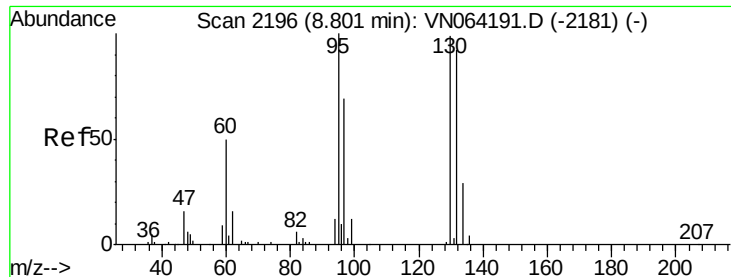
MMDadoda
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#36
1,2-Dichloroethane
Concen: 47.087 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.7	6.3	9.5	





#37

Trichloroethene

Concen: 51.190 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion:130 Resp: 192294

Ion Ratio Lower Upper

130 100

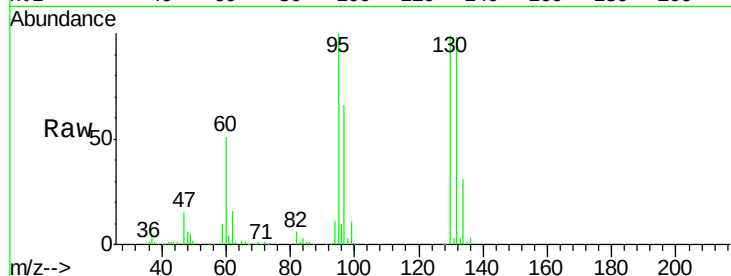
95 100.4 81.0 121.4

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

100000

80000

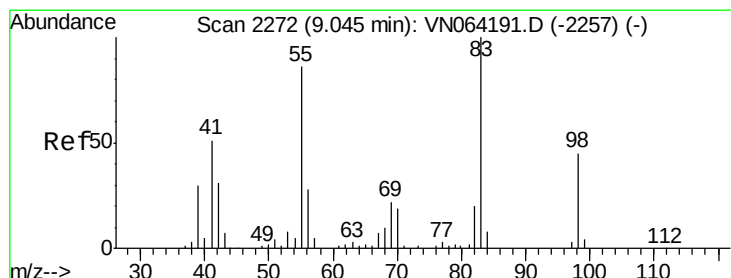
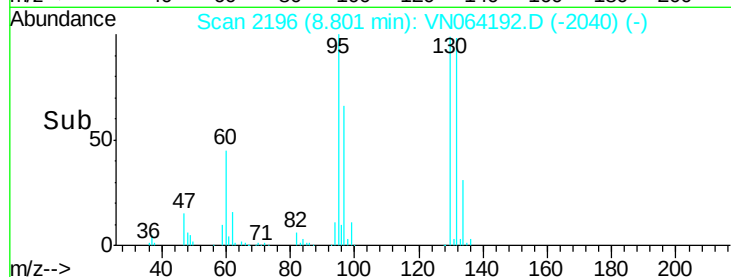
60000

40000

20000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 55.633 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

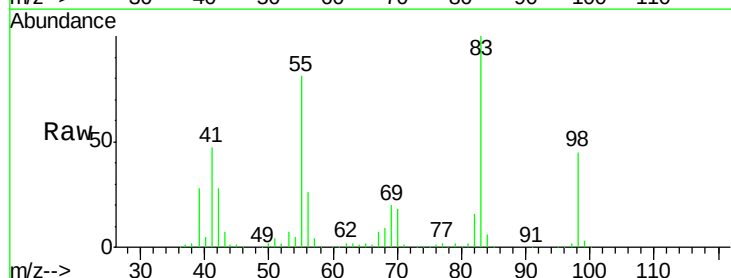
Tgt Ion: 83 Resp: 240744

Ion Ratio Lower Upper

83 100

55 81.0 40.3 120.9

98 46.0 22.4 67.0



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

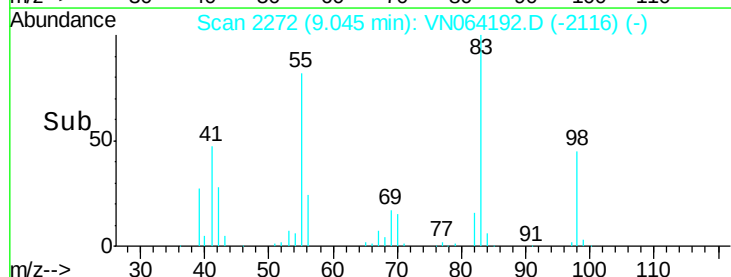
150000

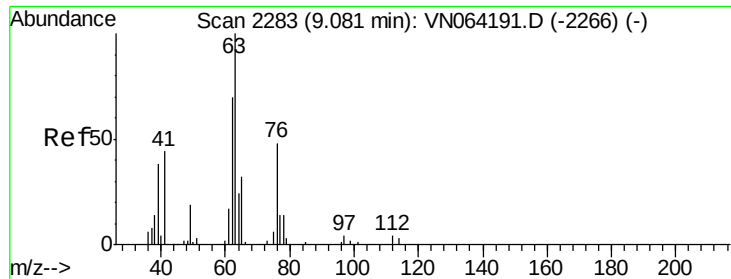
100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15





#39

1,2-Dichloropropane

Concen: 49.178 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 63 Resp: 187736

Ion Ratio Lower Upper

63 100

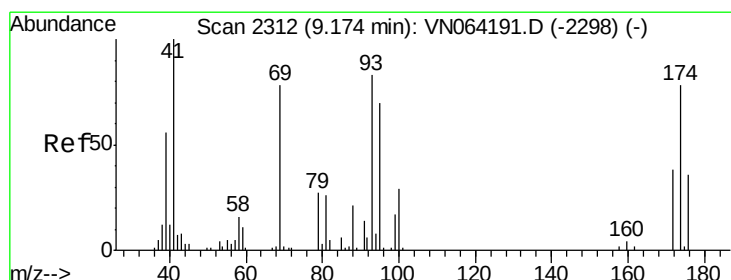
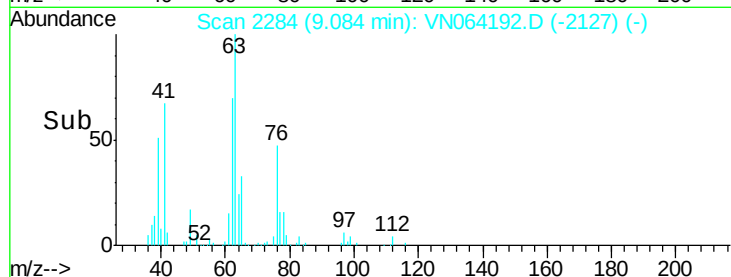
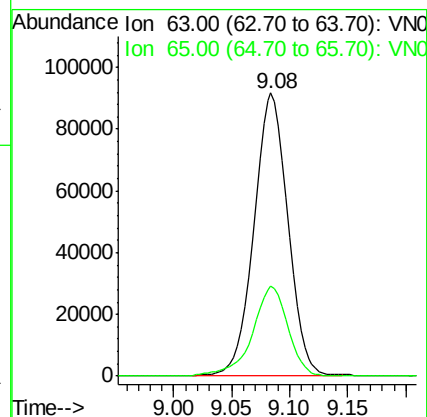
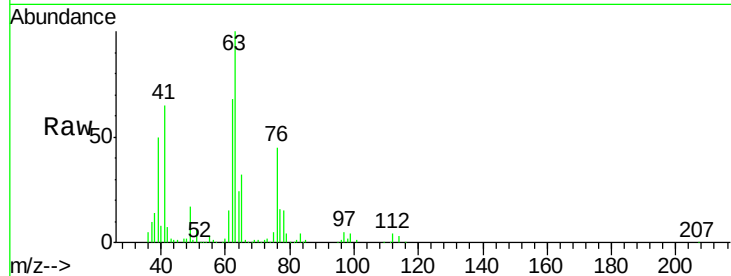
65 31.7 26.5 39.7

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#40

Dibromomethane

Concen: 48.218 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

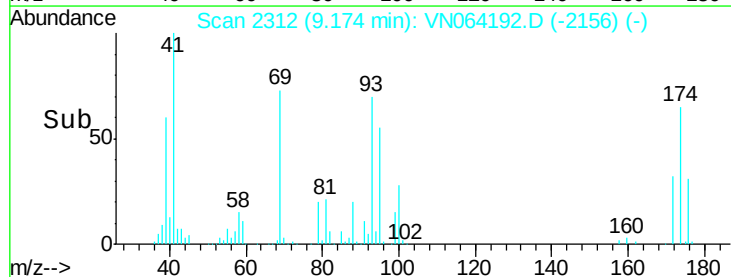
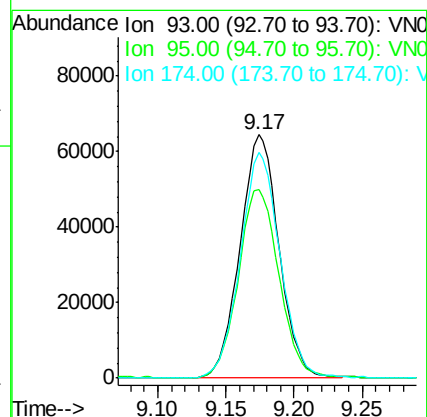
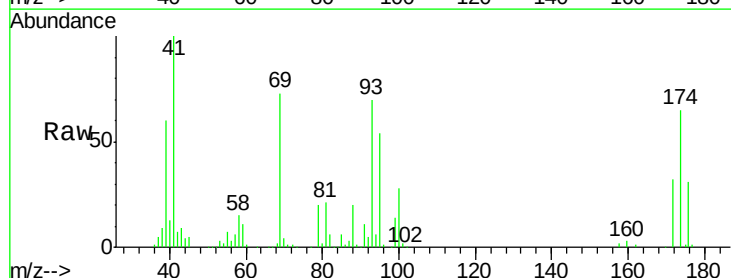
Tgt Ion: 93 Resp: 128072

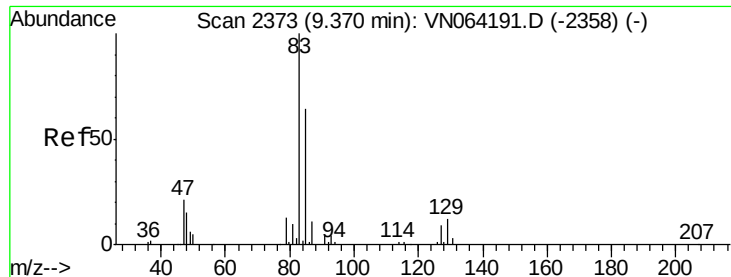
Ion Ratio Lower Upper

93 100

95 80.8 0.0 169.2

174 94.3 0.0 187.4





#41

Bromodichloromethane

Concen: 50.613 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

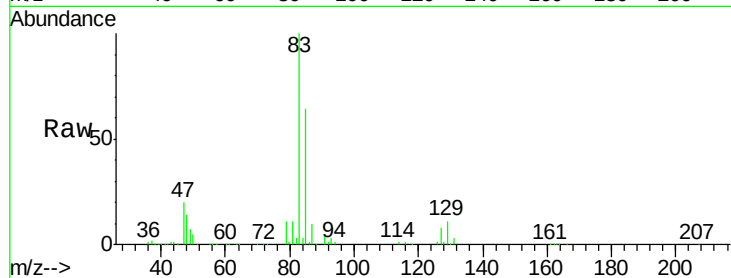
ClientSampleId :

VSTDIC050

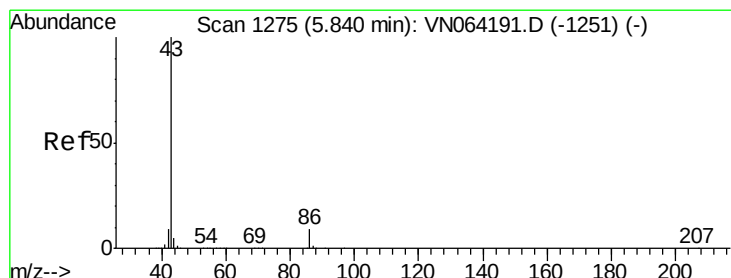
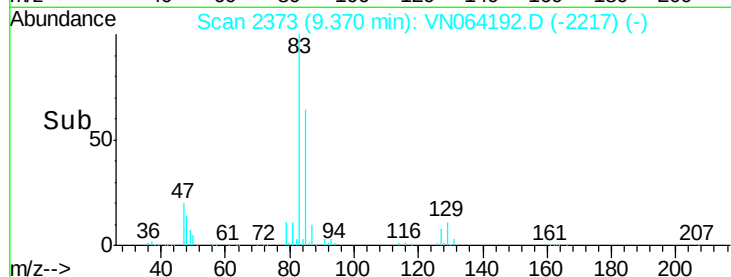
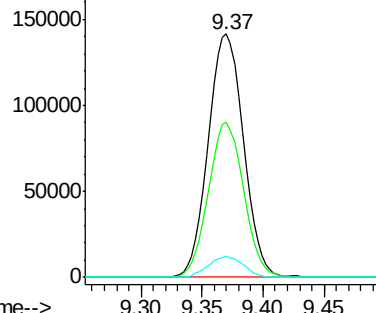
Tot Ion:	83	Resp:	283637
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.5	77.3
127	8.4	6.8	10.2

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Abundance Ion 83.00 (82.70 to 83.70): VN064192.D (-2217) (-)



#42

Vinyl Acetate

Concen: 246.189 ug/l

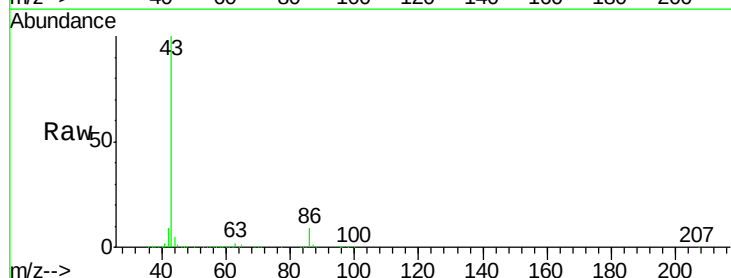
RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

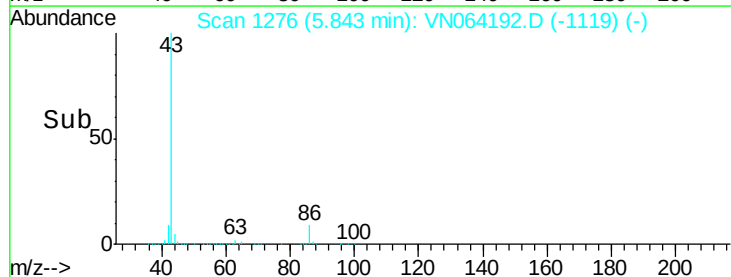
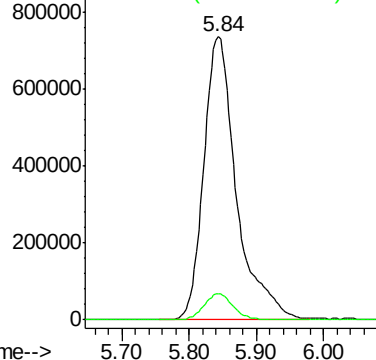
Lab File: VN064192.D

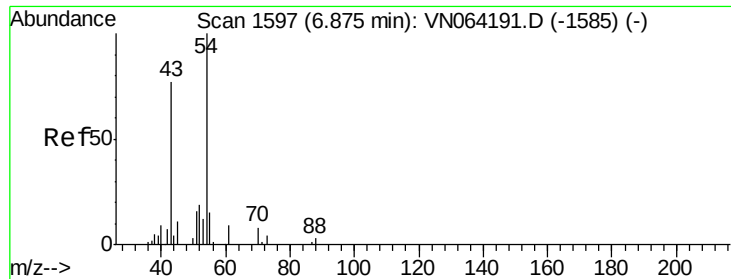
Acq: 20 Oct 2020 10:48

Tgt Ion:	43	Resp:	2488491
Ion Ratio	Lower	Upper	
43	100		
86	8.4	6.7	10.1



Abundance Ion 43.00 (42.70 to 43.70): VN064192.D (-1119) (-)





#43

Ethyl Acetate

Concen: 44.052 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 226819

Ion Ratio Lower Upper

43 100

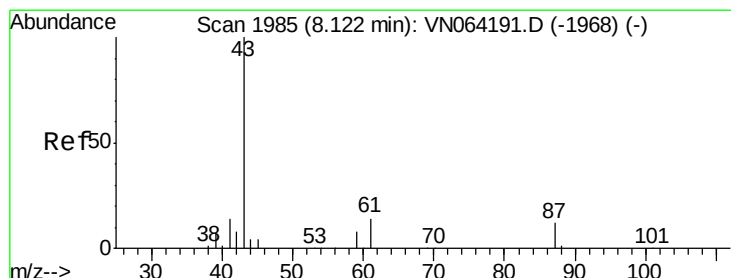
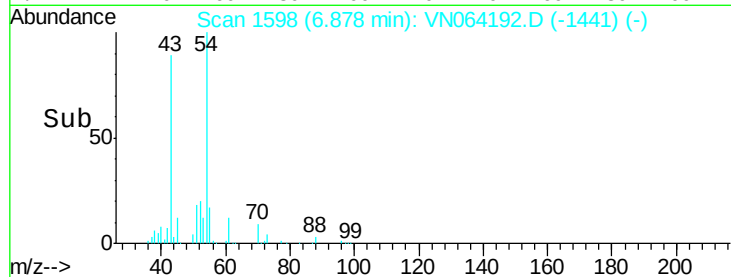
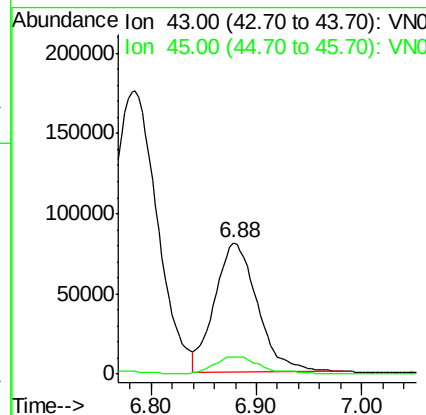
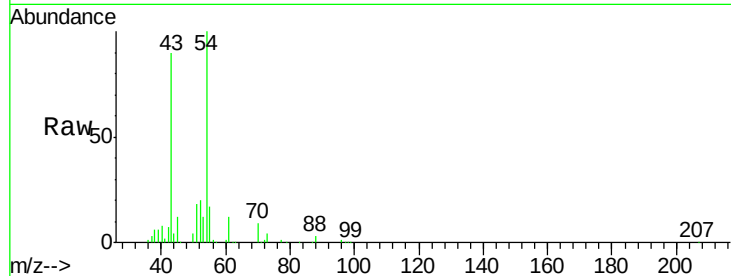
45 13.2 9.8 14.8

Manual Integrations

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#44

Isopropyl Acetate

Concen: 49.140 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064192.D

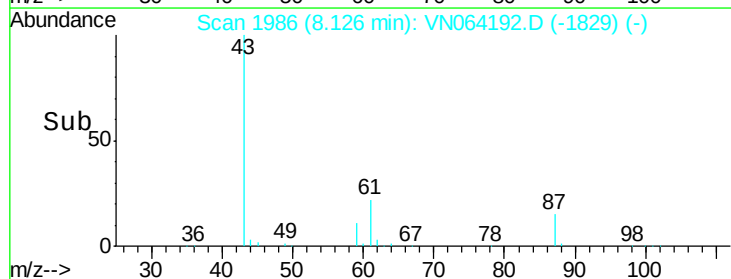
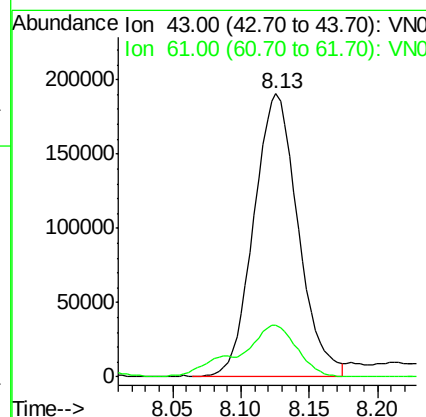
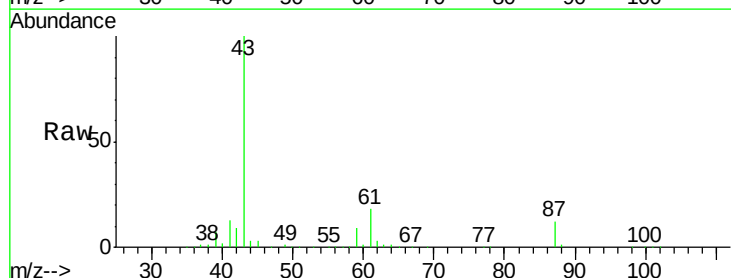
Acq: 20 Oct 2020 10:48

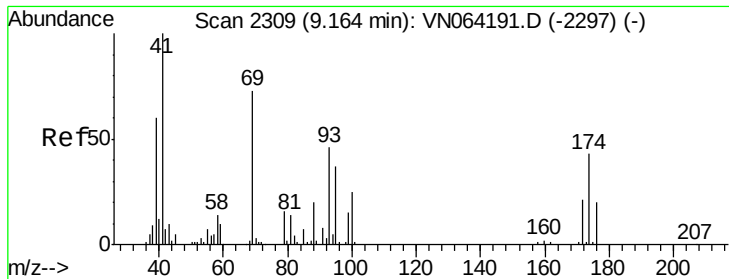
Tgt Ion: 43 Resp: 426954

Ion Ratio Lower Upper

43 100

61 18.4 18.7 28.1#





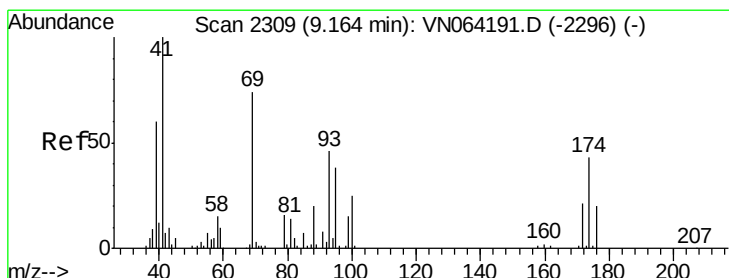
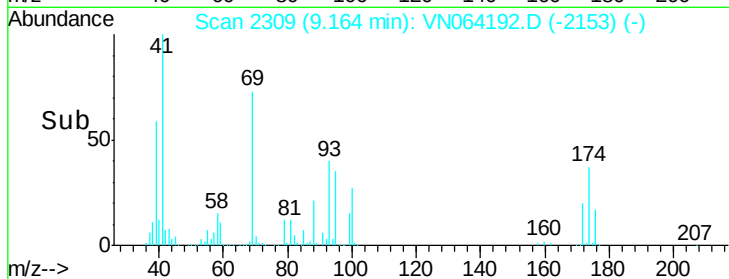
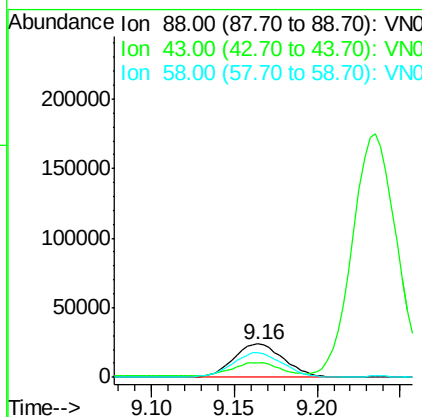
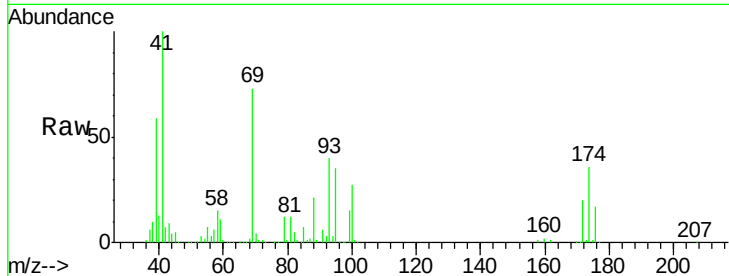
#45
 1,4-Dioxane
 Concen: 935.295 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	37.0	55.4
58	72.6	62.4	93.6

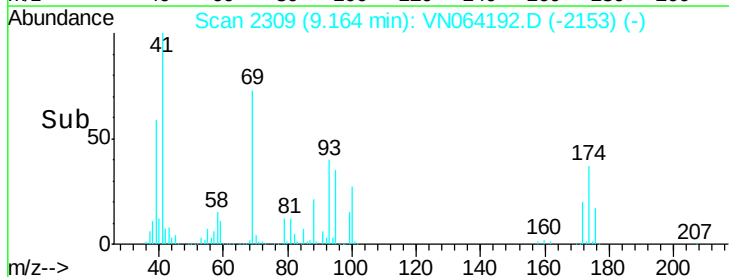
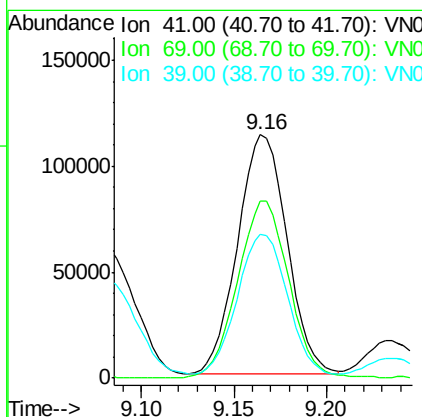
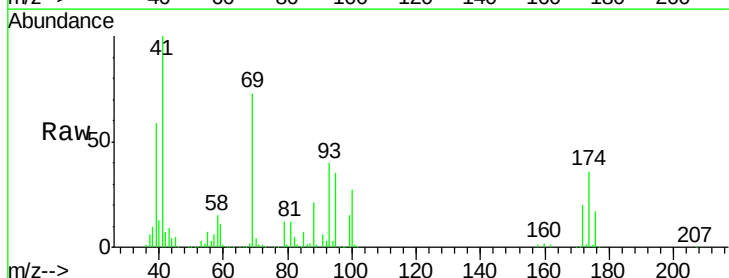
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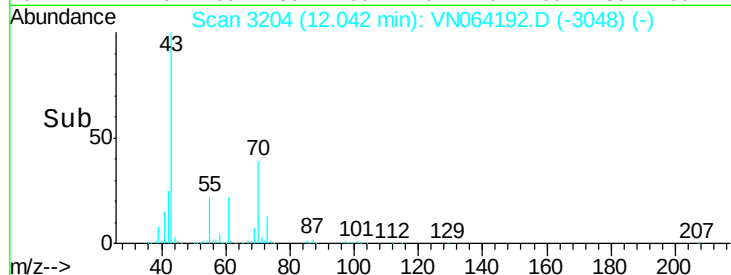
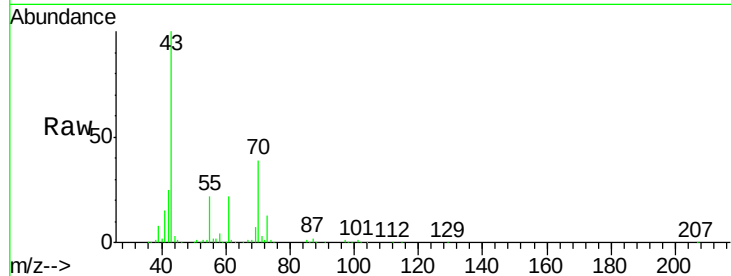
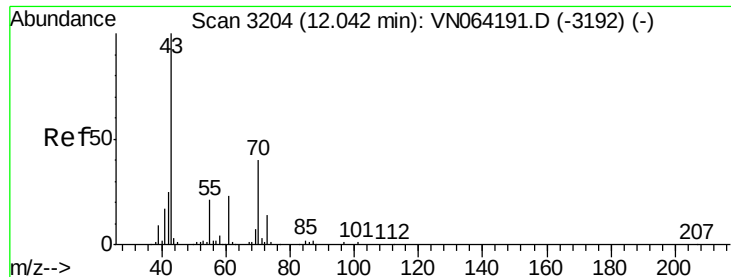
MMDadoda
 10/23/2020 2:28:37 PM



#46
 Methyl methacrylate
 Concen: 48.977 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.5	36.8	110.4
39	58.7	30.4	91.2





#47

n-amvl Acetate

Concen: 49.631 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Tot Ion: 43 Resp: 384226

Ion Ratio Lower Upper

43 100

55 21.6 17.6 26.4

Instrument :

MSVOA_N

ClientSampleId :

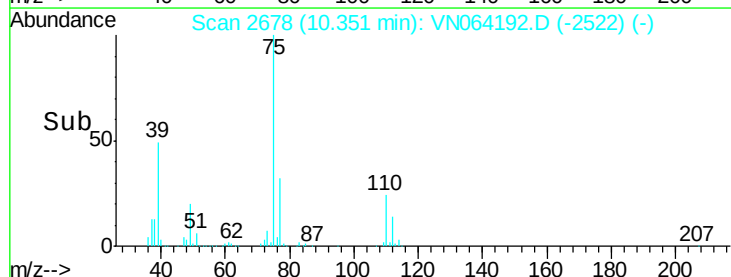
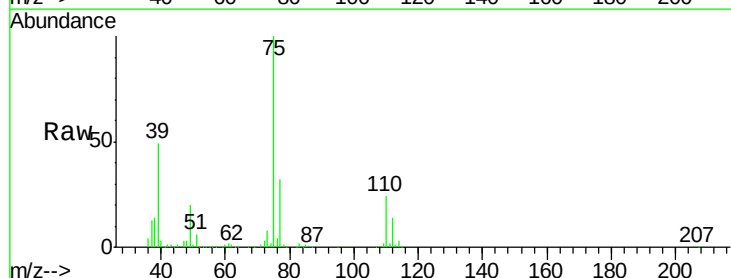
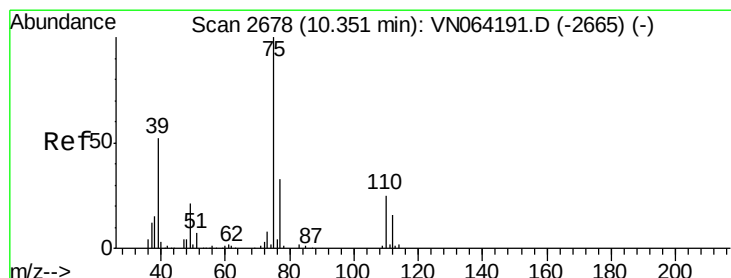
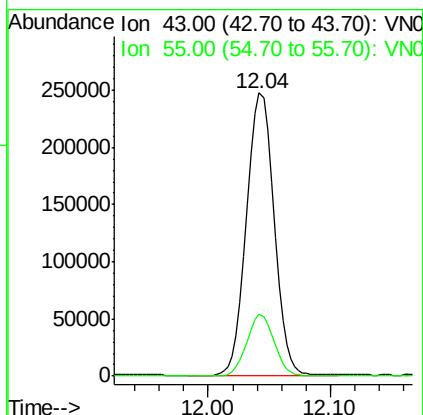
VSTDIC050

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 52.417 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064192.D

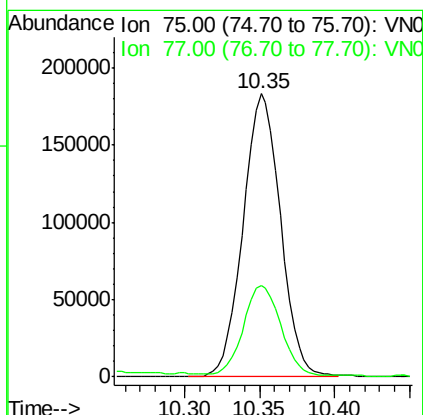
Acq: 20 Oct 2020 10:48

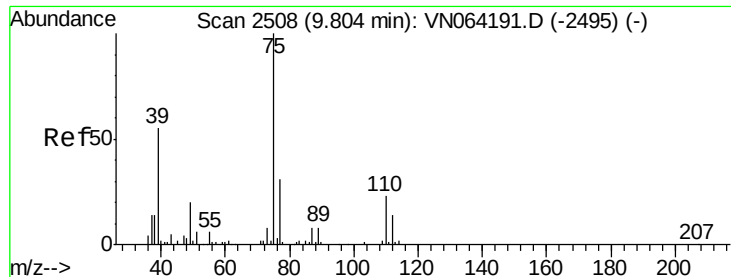
Tgt Ion: 75 Resp: 319550

Ion Ratio Lower Upper

75 100

77 31.5 27.4 41.2





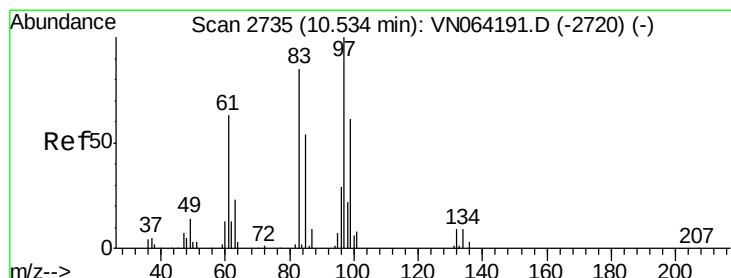
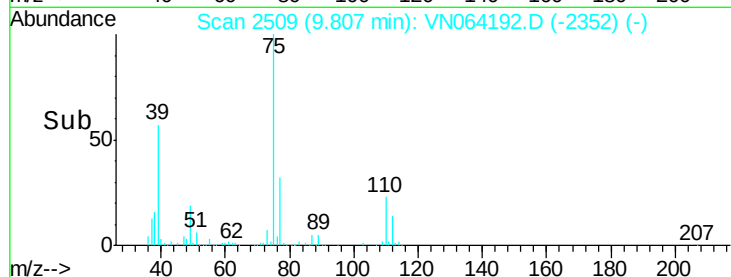
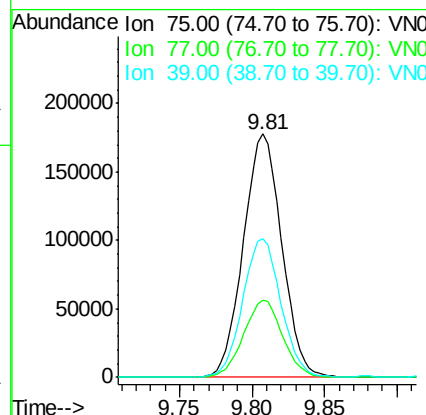
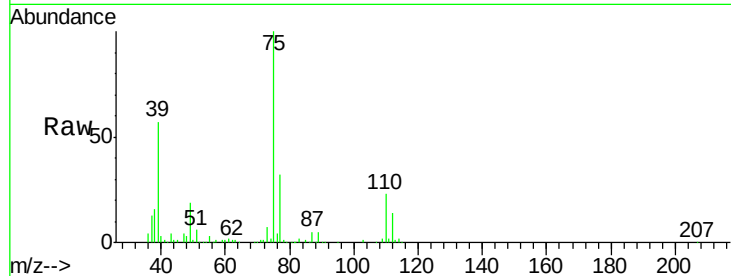
#49
 cis-1,3-Dichloropropene
 Concen: 51.788 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.5	36.7
39	57.0	43.8	65.8

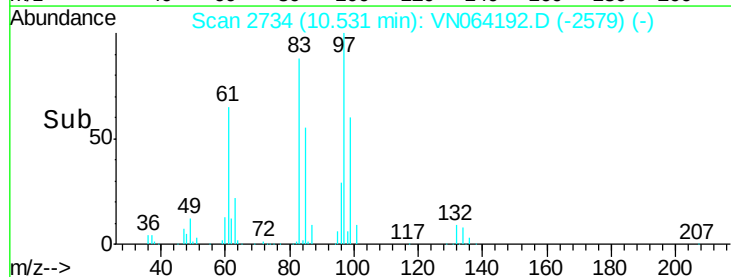
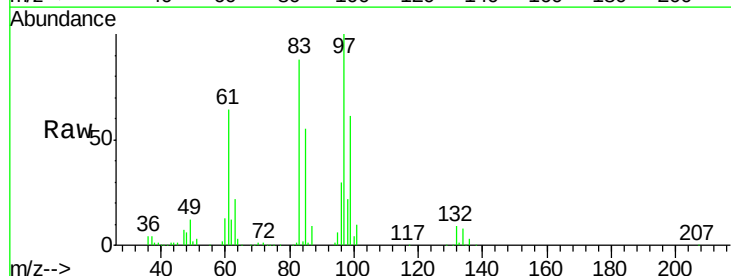
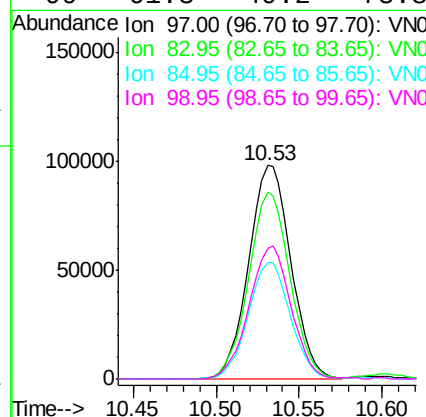
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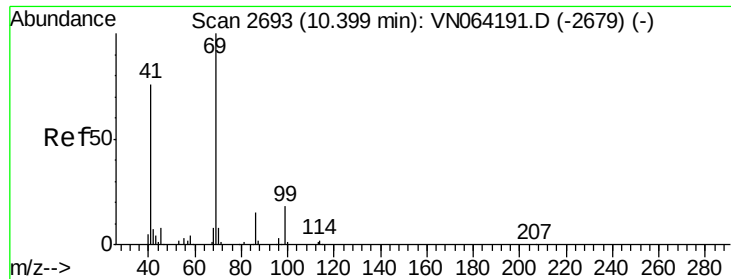
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#50
 1,1,2-Trichloroethane
 Concen: 48.466 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.7	101.5
85	54.8	43.2	64.8
99	61.3	49.2	73.8





#51

Ethyl methacrylate

Concen: 51.435 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

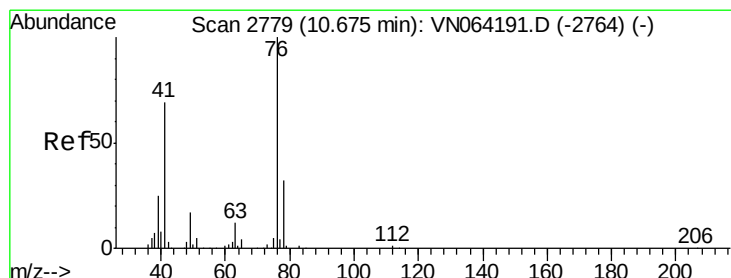
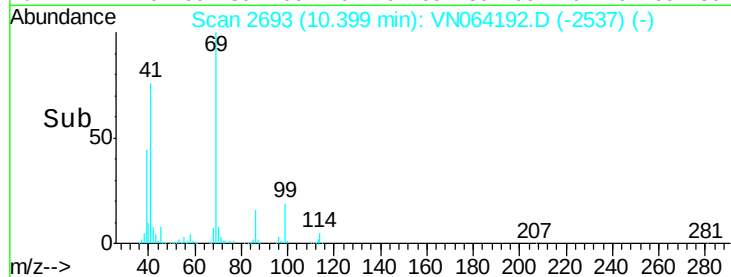
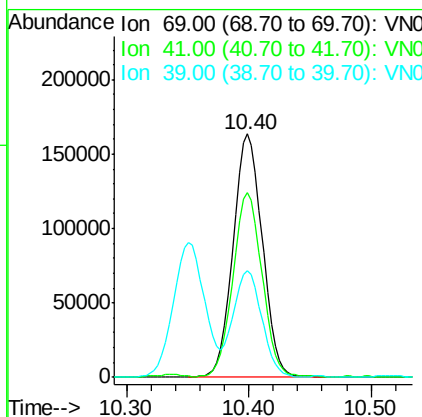
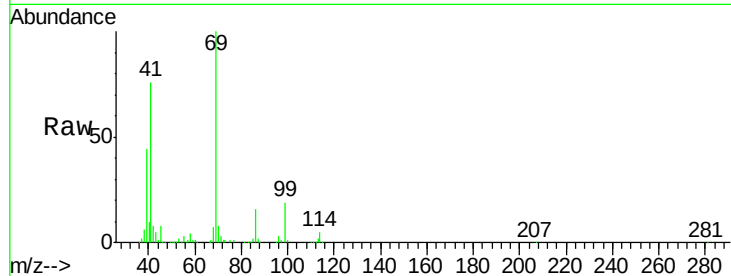
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	271826
Ion	Ratio	Lower	Upper
69	100		
41	75.8	38.0	114.1
39	43.7	21.4	64.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 48.232 ug/l

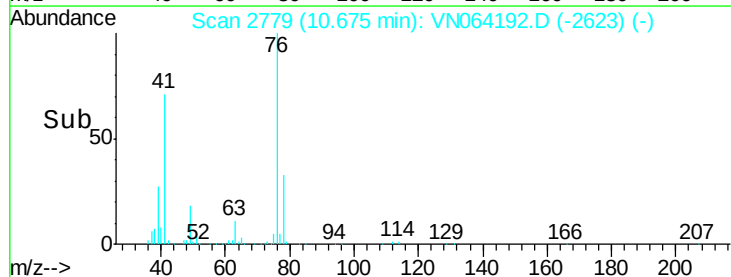
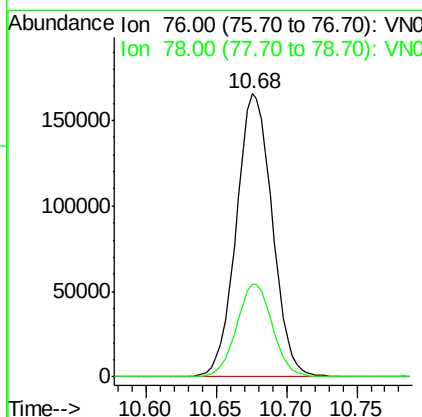
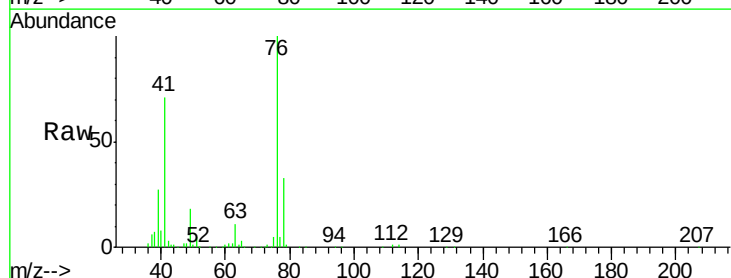
RT: 10.68 min Scan# 2779

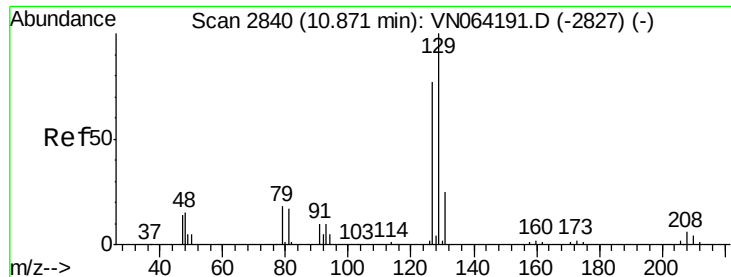
Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Tgt Ion:	76	Resp:	296363
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	64.4





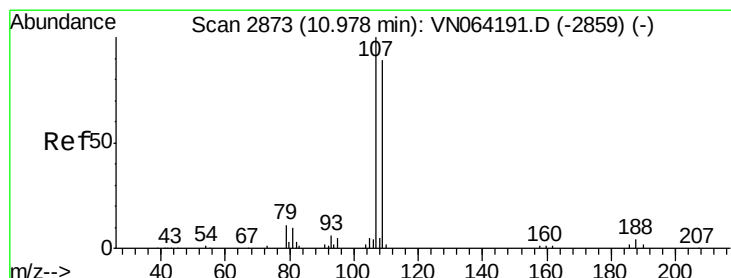
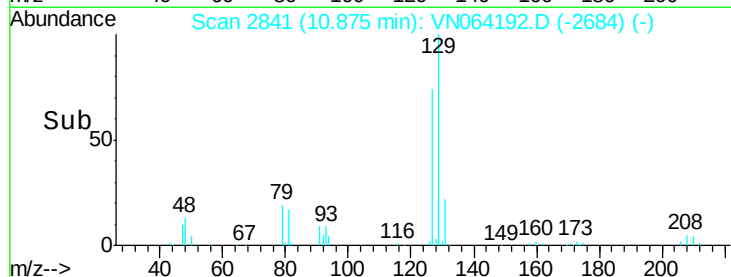
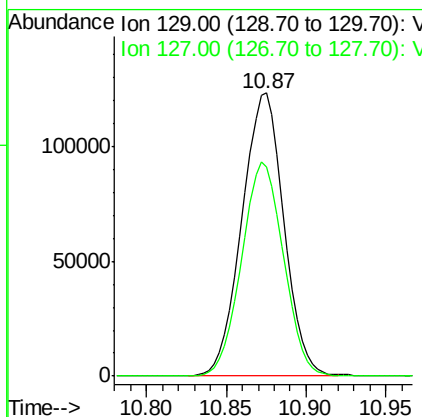
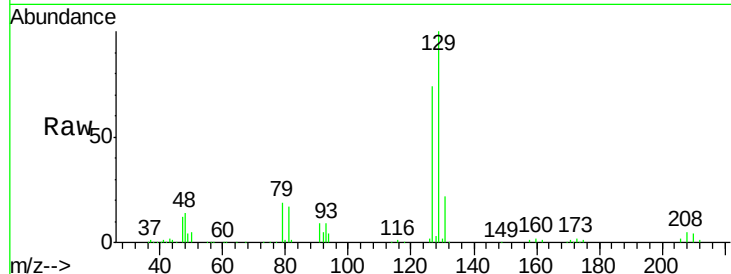
#53
 Dibromochloromethane
 Concen: 53.079 ug/l
 RT: 10.87 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.3	39.0	117.0

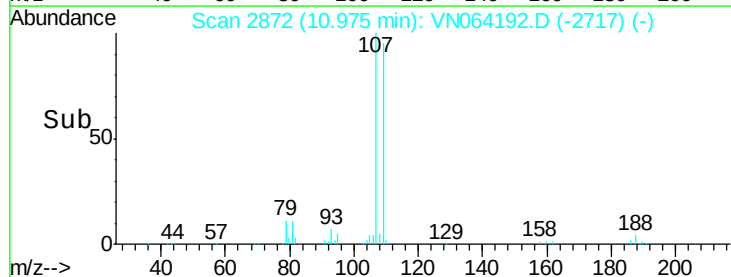
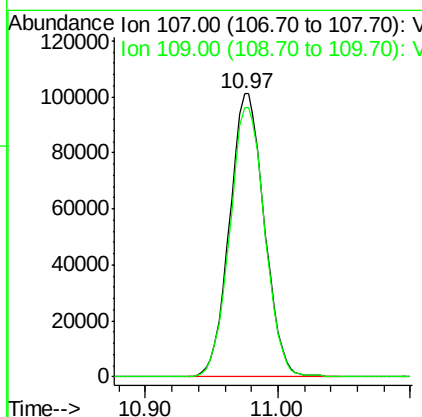
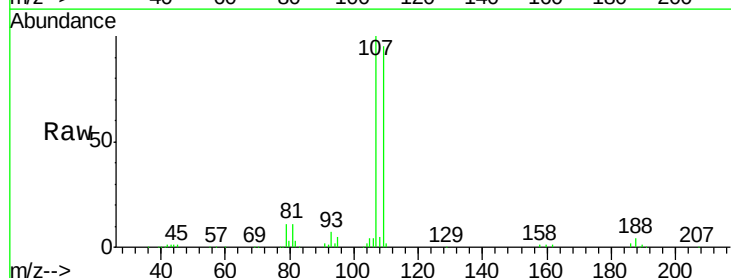
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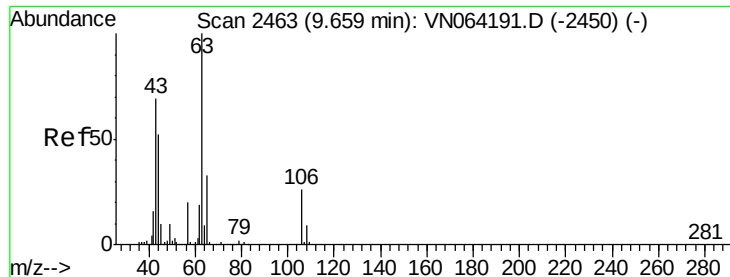
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#54
 1,2-Dibromoethane
 Concen: 49.059 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.8	71.8	107.8





#55

2-Chloroethyl vinyl ether

Concen: 249.728 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 63 Resp: 708409
Ion Ratio Lower Upper

63 100

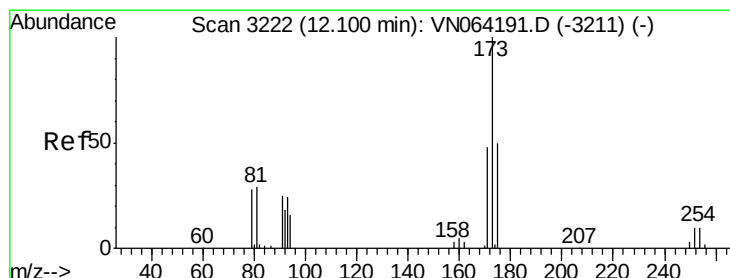
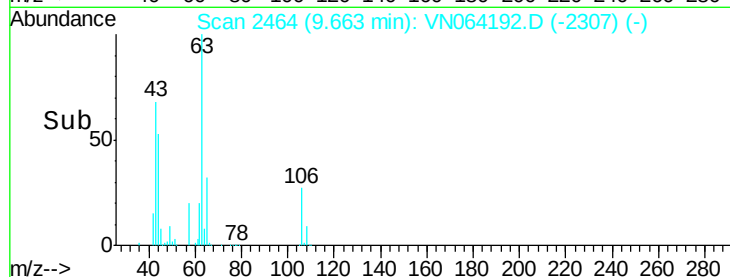
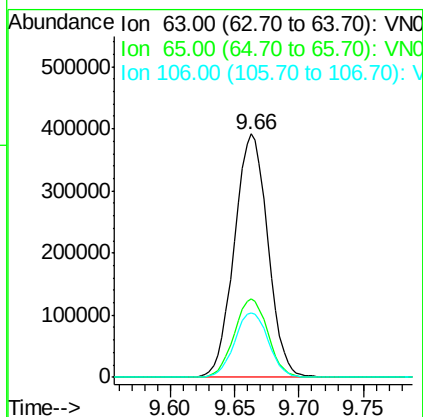
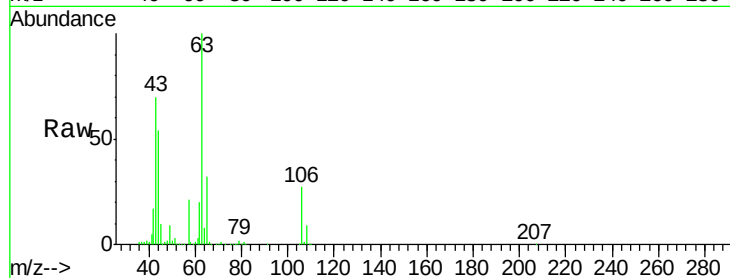
65 32.2 25.9 38.9

106 26.8 21.4 32.2

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#56

Bromoform

Concen: 53.047 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064192.D

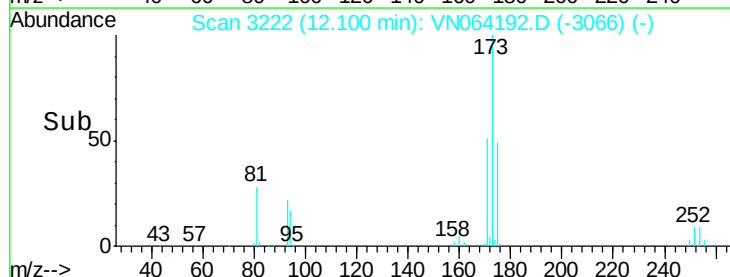
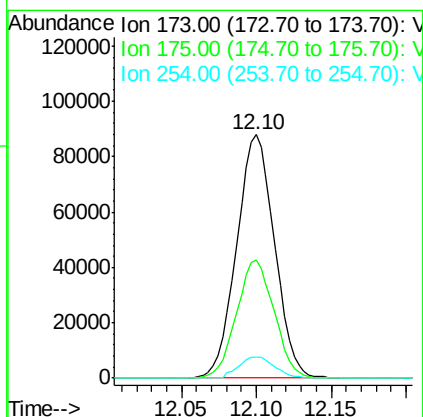
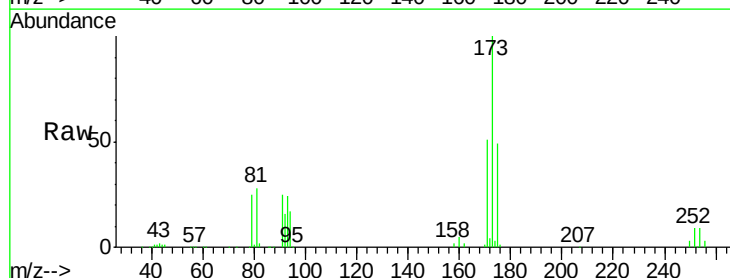
Acq: 20 Oct 2020 10:48

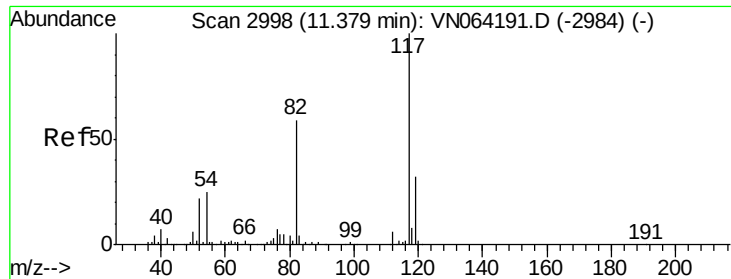
Tgt Ion: 173 Resp: 154884
Ion Ratio Lower Upper

173 100

175 48.0 39.0 58.4

254 8.3 6.8 10.2





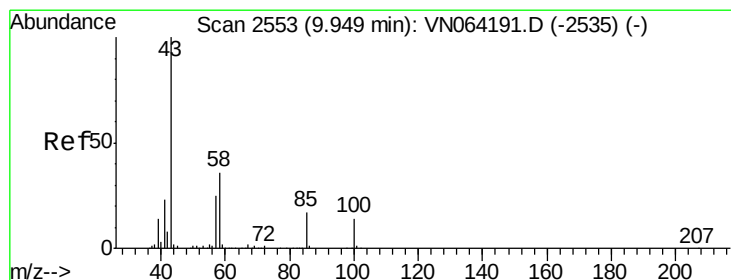
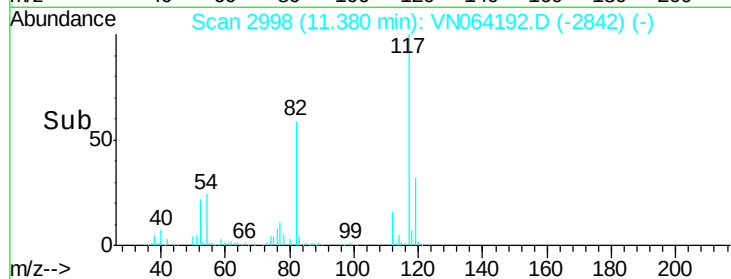
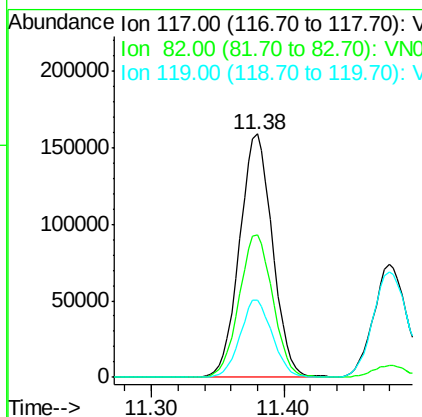
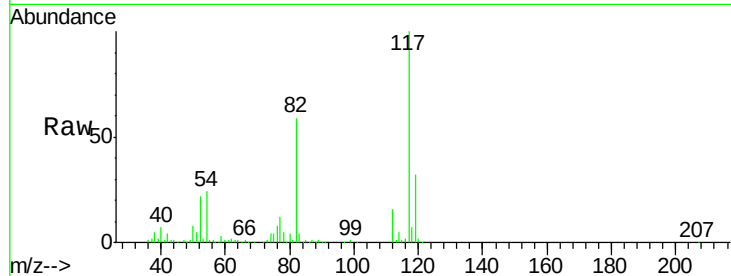
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.8	71.8
119	31.2	25.7	38.5

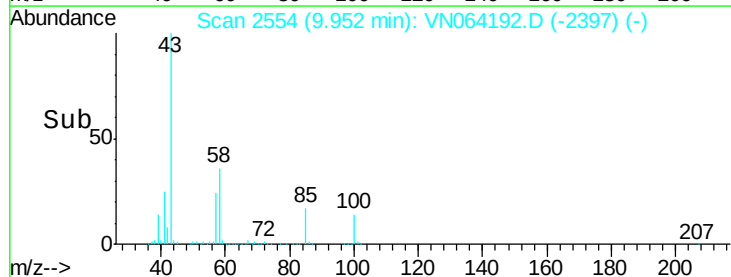
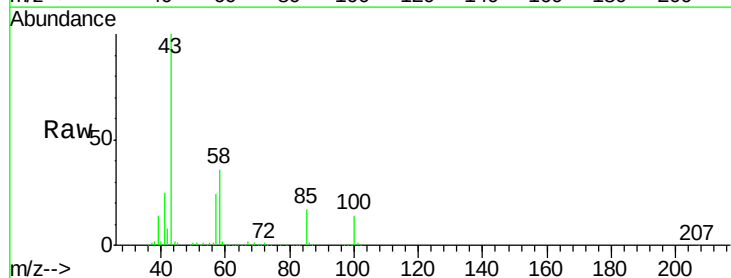
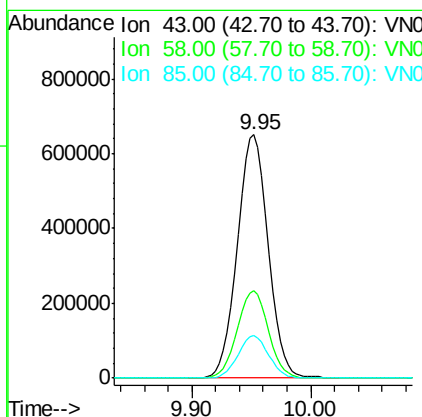
Manual Integrations
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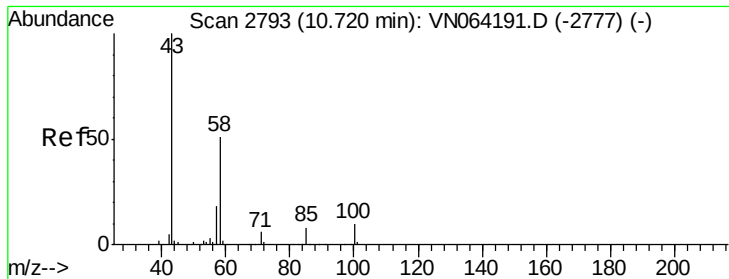
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#58
4-Methyl-2-Pentanone
Concen: 233.988 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.5	44.3
85	17.4	13.7	20.5





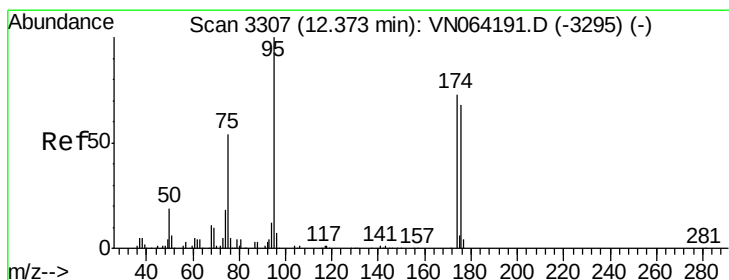
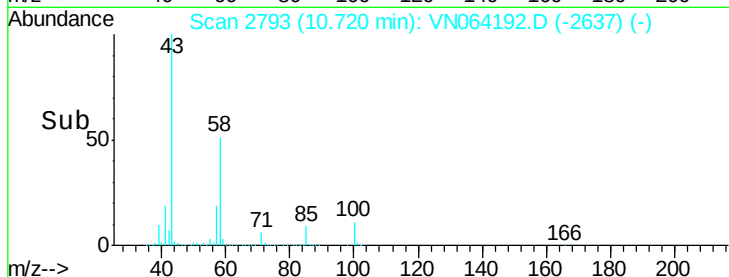
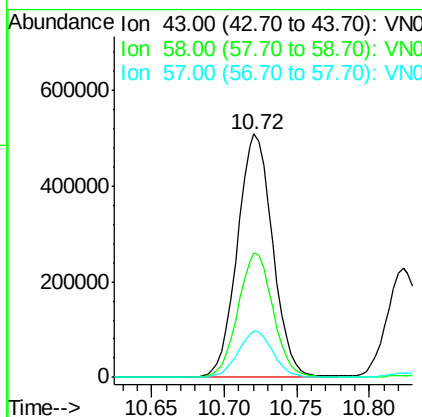
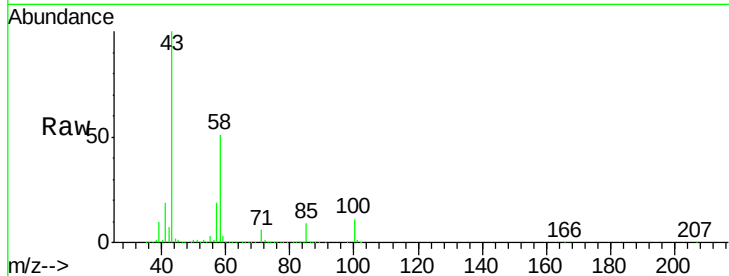
#59
2-Hexanone
Concen: 230.089 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.8	40.2	60.4
57	19.0	14.8	22.2

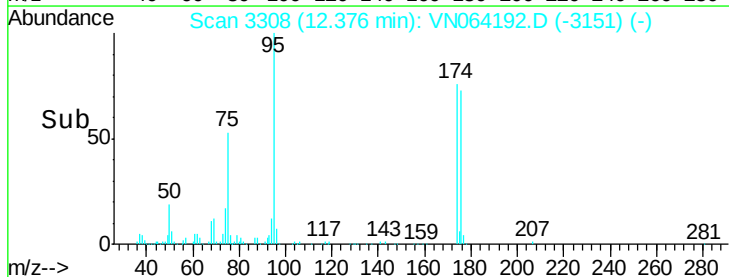
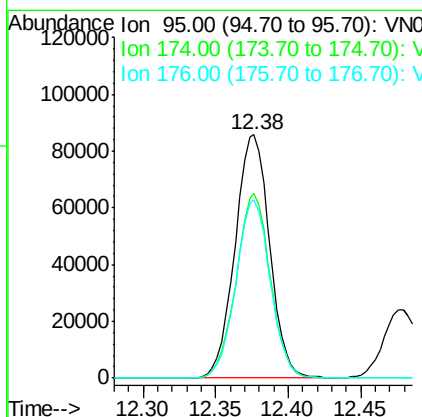
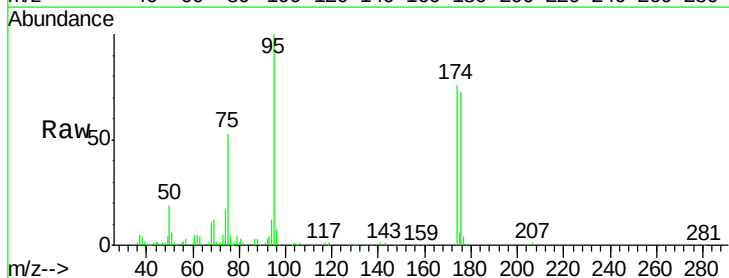
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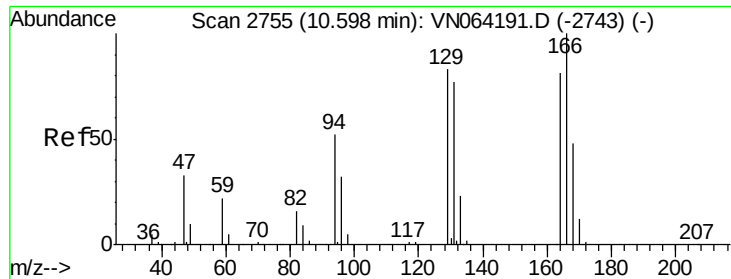
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#60
4-Bromofluorobenzene
Concen: 29.795 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	57.6	86.4
176	72.5	54.9	82.3





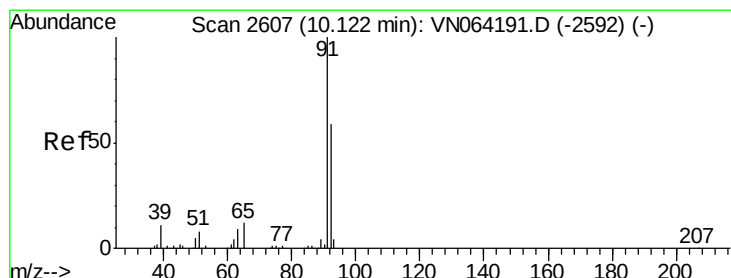
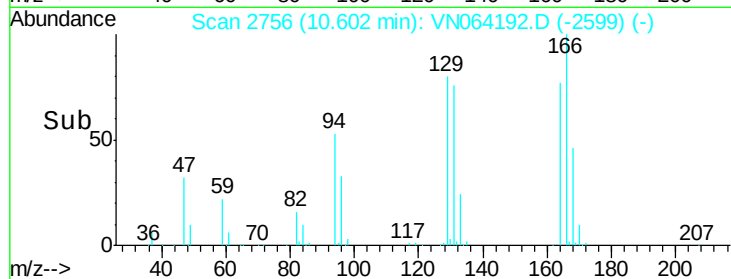
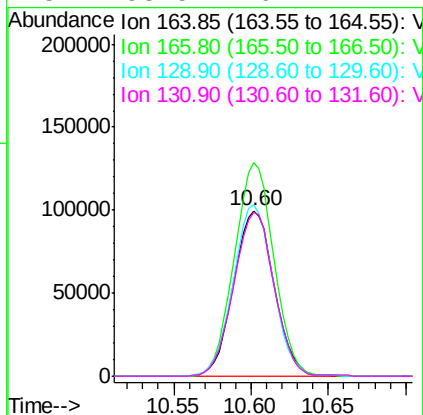
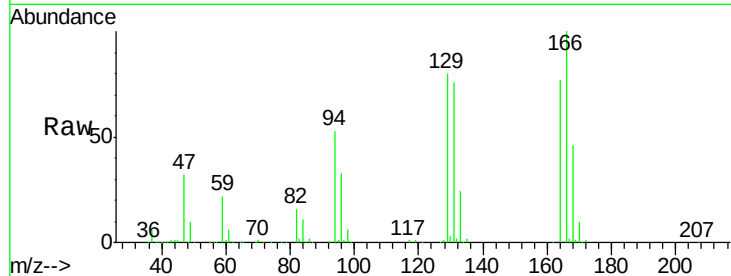
#61
Tetrachloroethene
Concen: 53.953 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100	181283		
166	129.1	99.2	148.8	
129	103.5	82.8	124.2	
131	98.5	76.2	114.4	

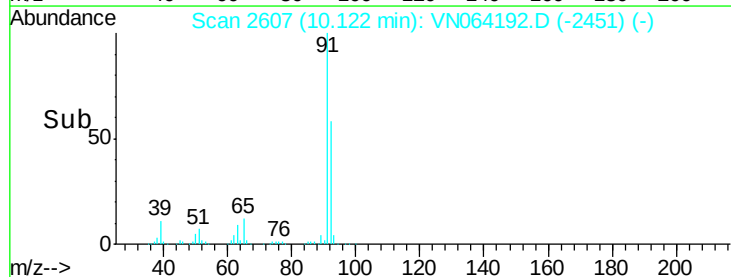
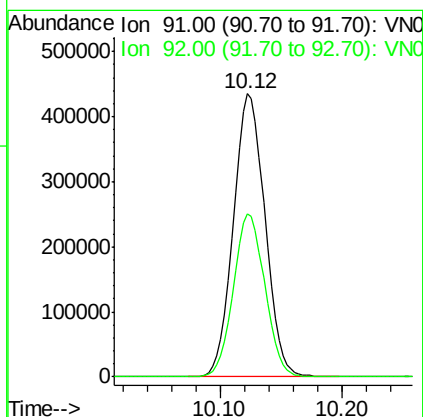
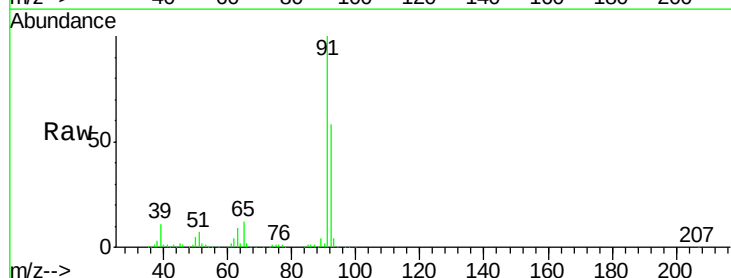
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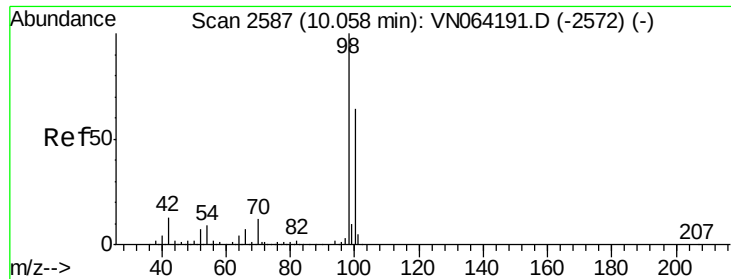
MMDadoda
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#62
Toluene
Concen: 51.646 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	783258		
92	57.3	46.8	70.2	





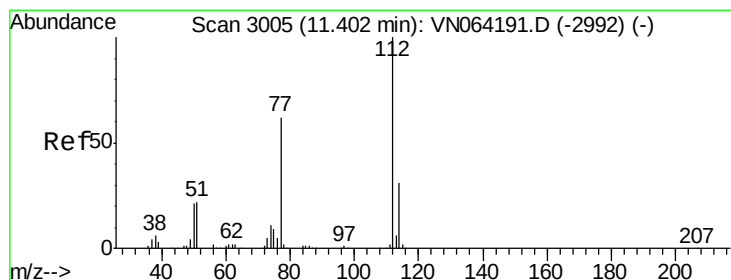
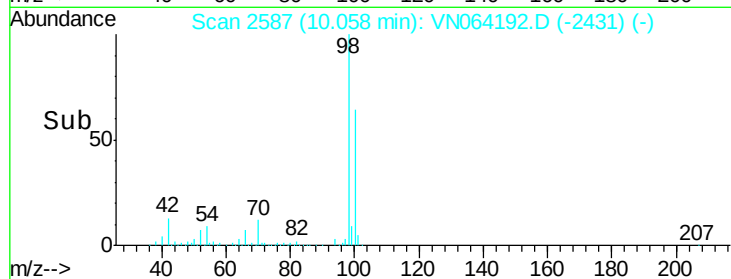
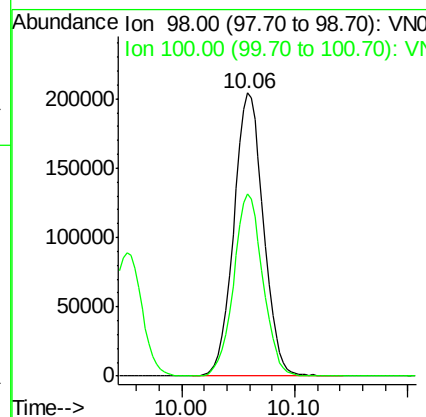
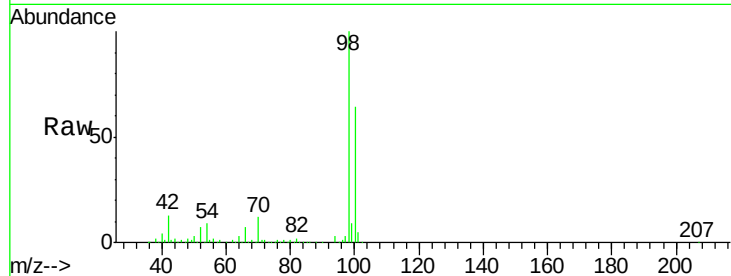
#63
Toluene-d8
Concen: 29.929 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion: 98 Resp: 371712
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.2

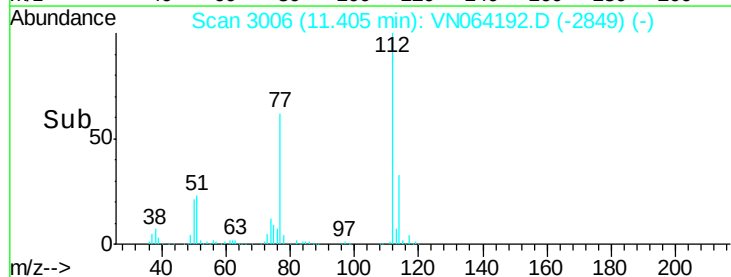
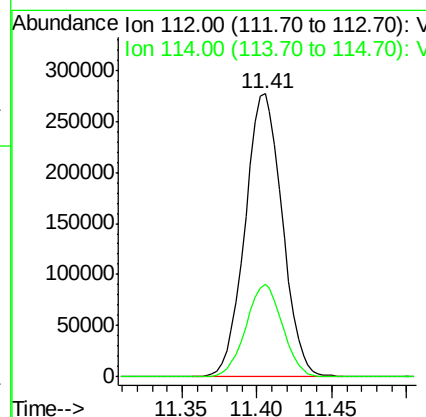
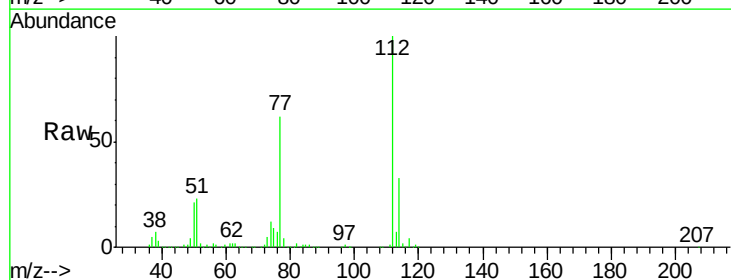
Manual Integrations
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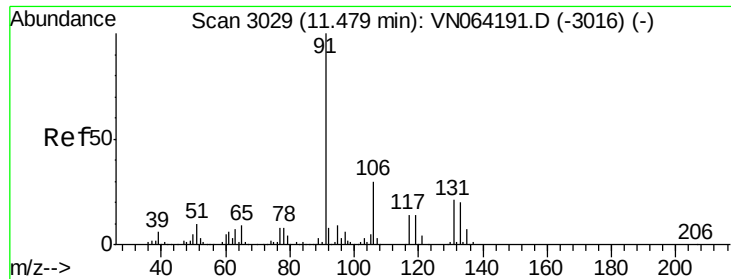
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#64
Chlorobenzene
Concen: 51.806 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion: 112 Resp: 479572
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7





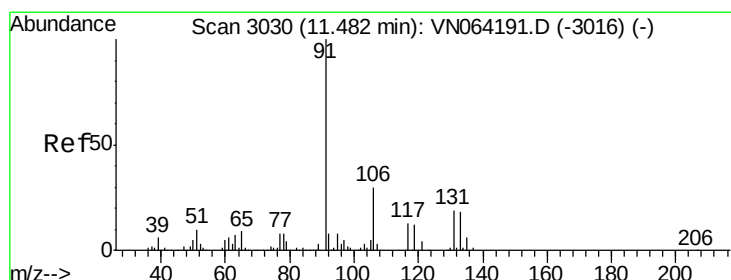
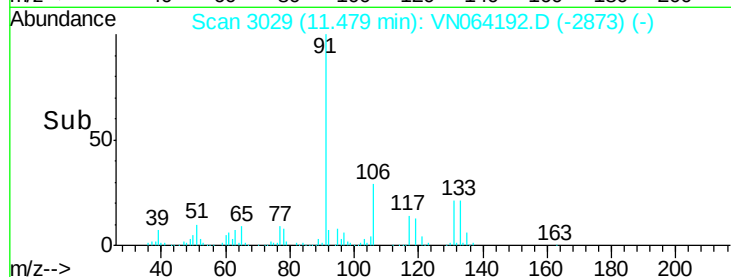
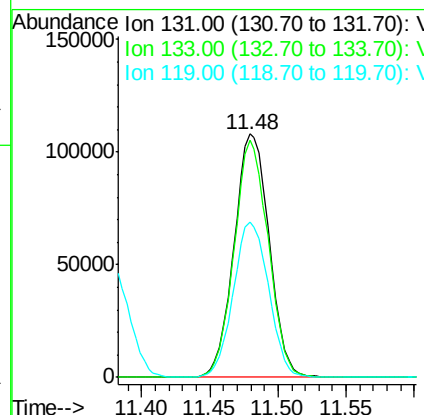
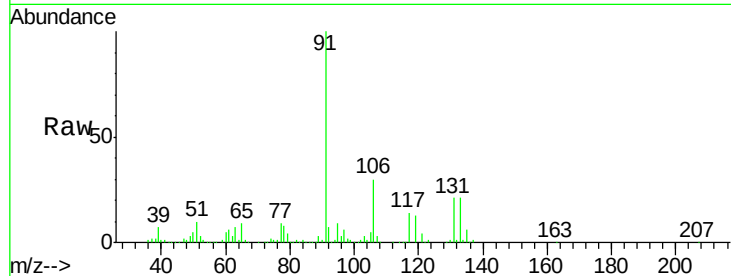
#65
 1,1,1,2-Tetrachloroethane
 Concen: 53.569 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
131	100	193288		
133	94.8	0.0	193.0	
119	64.2	0.0	132.2	

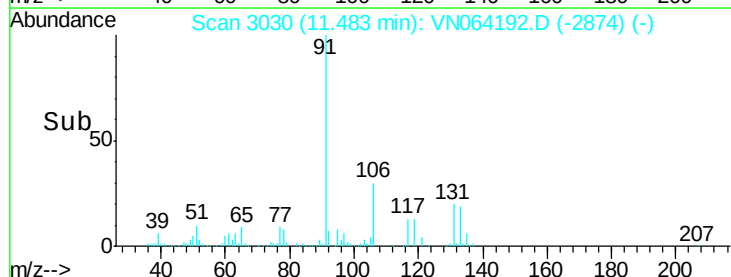
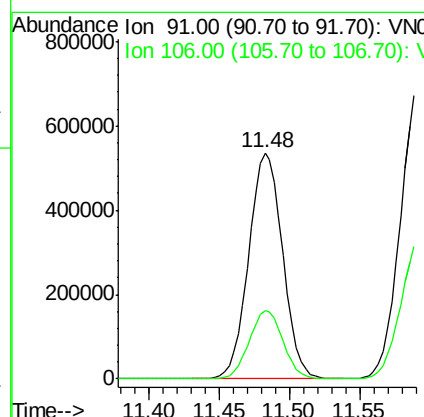
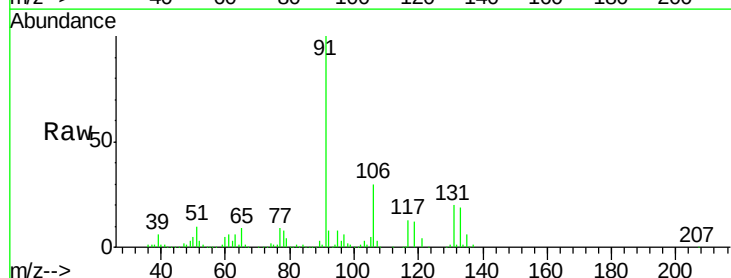
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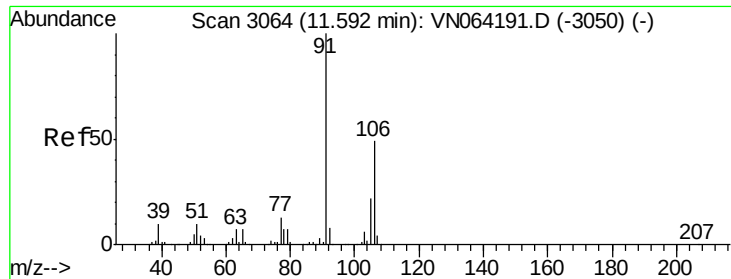
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#66
 Ethyl Benzene
 Concen: 53.549 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	903858		
106	30.2	23.9	35.9	





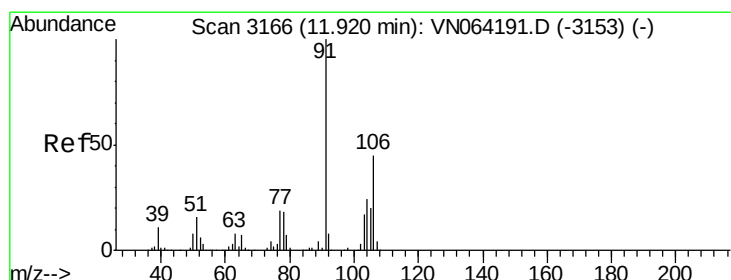
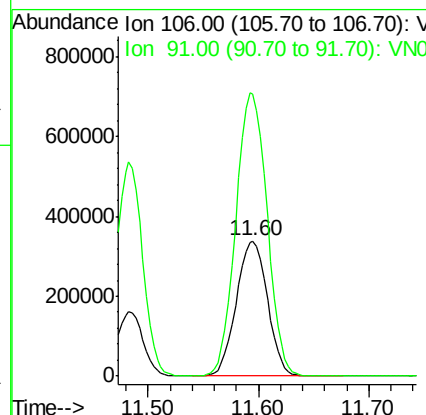
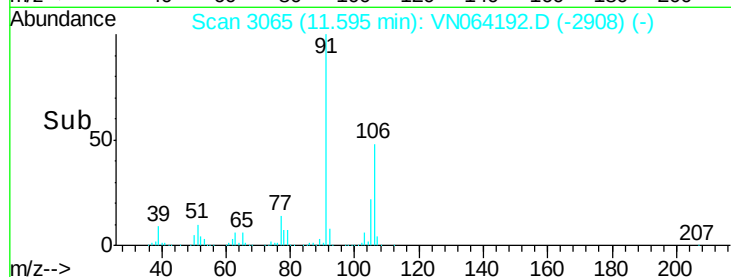
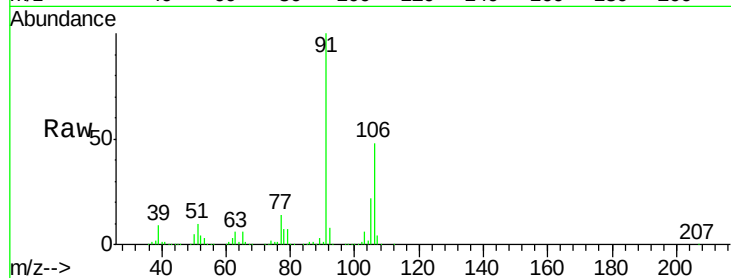
#67
m/p-Xylenes
Concen: 105.801 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		660322		
91	210.2	167.9	251.9		

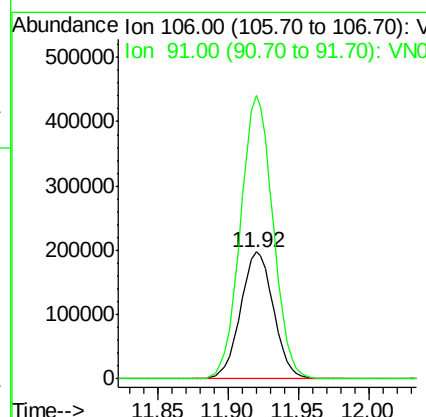
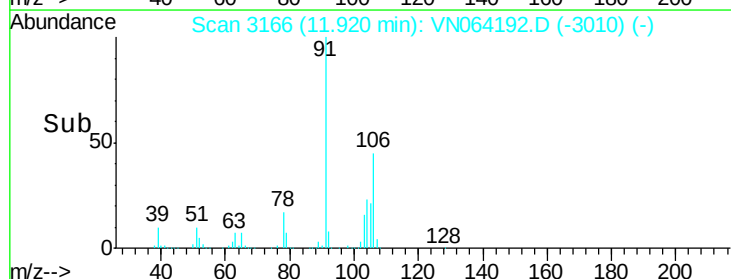
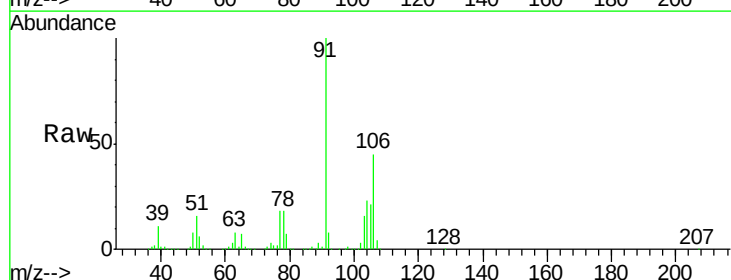
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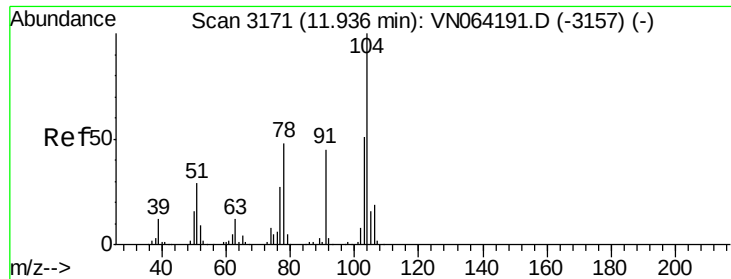
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#68
o-Xylene
Concen: 54.181 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		323514		
91	220.2	113.9	341.7		





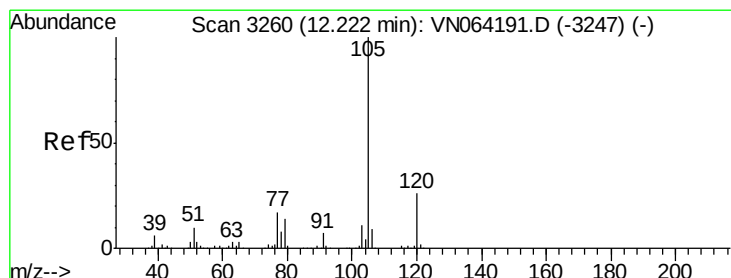
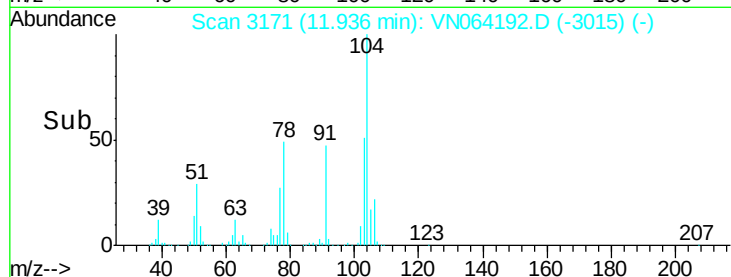
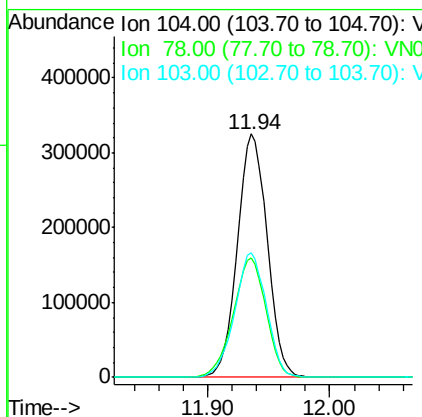
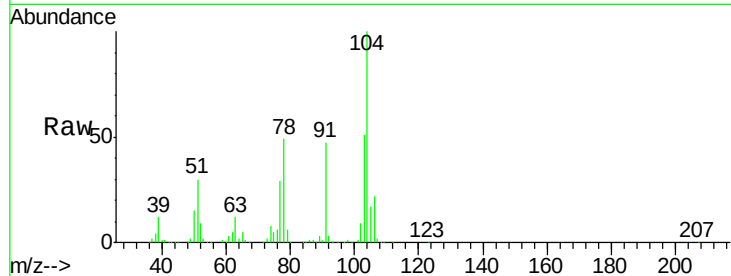
#69
Stvrene
Concen: 53.820 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
104	100	548670		
78	54.0		43.6	65.4
103	54.4		44.8	67.2

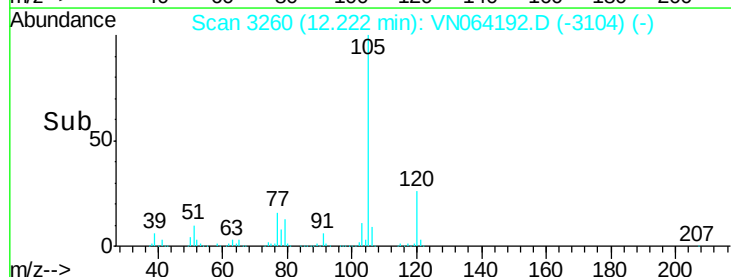
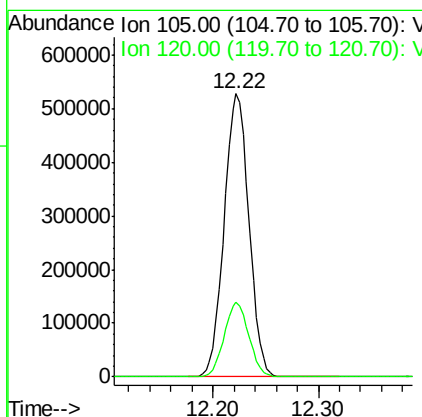
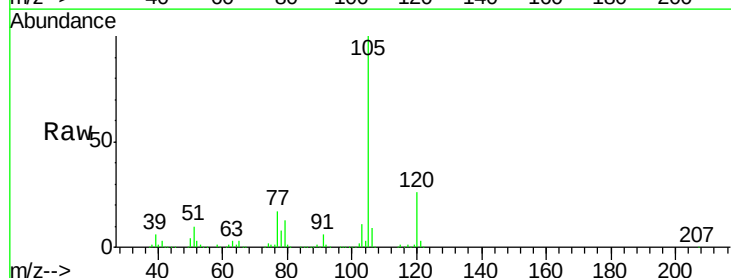
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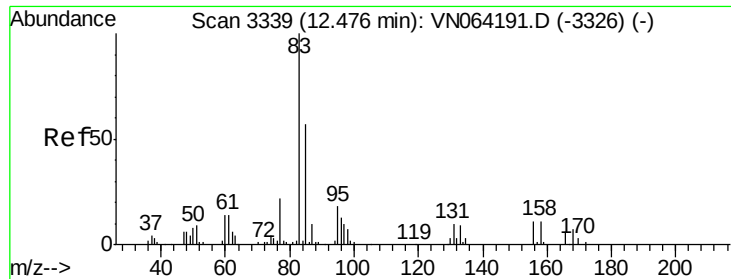
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#70
Isopropylbenzene
Concen: 53.822 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	856131		
120	26.2		18.1	33.7





#71

1,1,2,2-Tetrachloroethane

Concen: 48.527 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

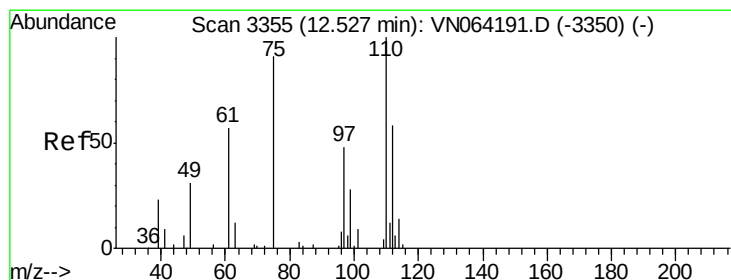
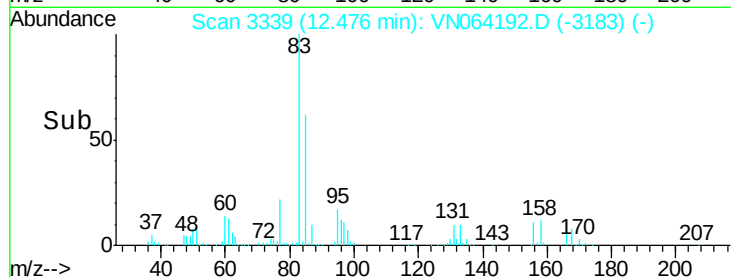
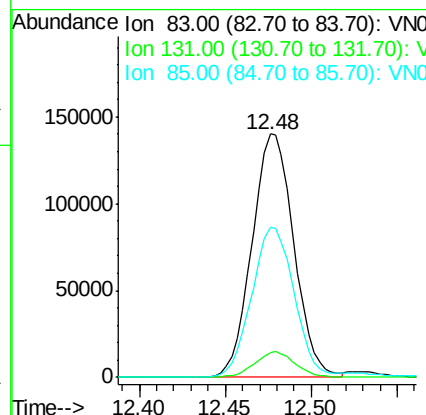
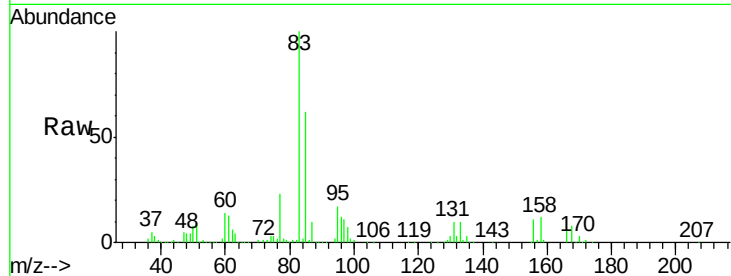
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	236889
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.5	16.4
85	62.5	30.8	92.4

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 49.797 ug/l m

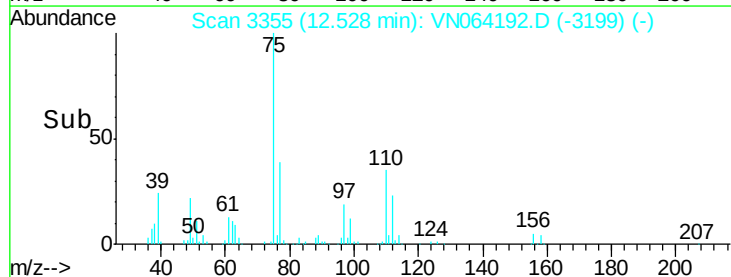
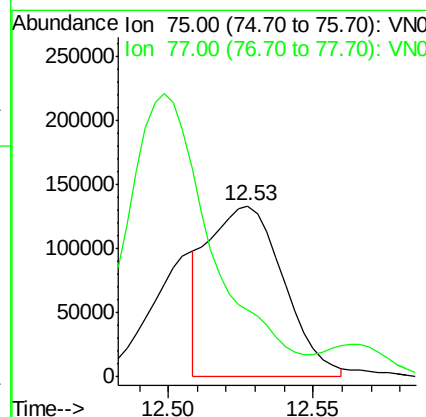
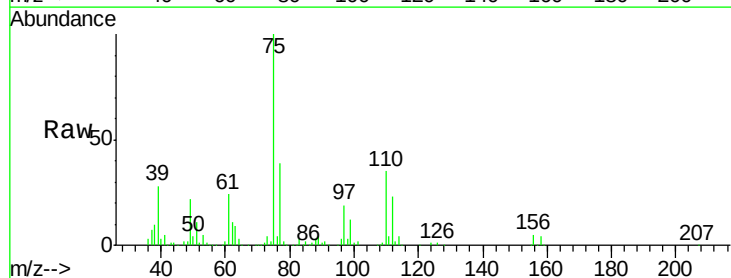
RT: 12.53 min Scan# 3355

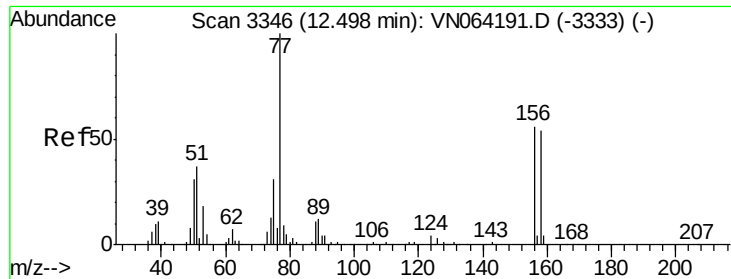
Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Tgt Ion:	75	Resp:	242773
Ion Ratio	Lower	Upper	
75	100		
77	185.7	0.0	417.6





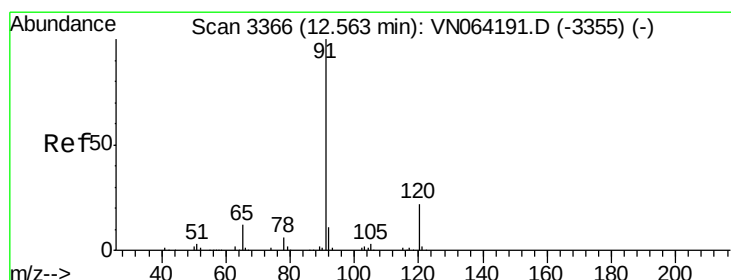
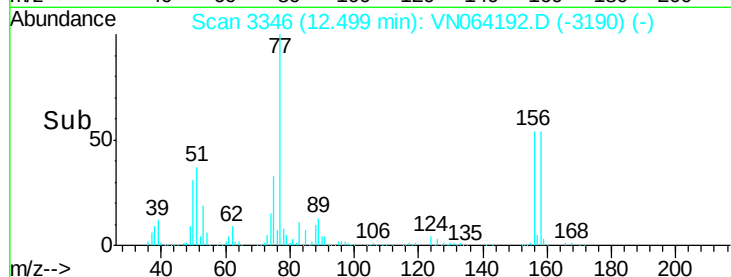
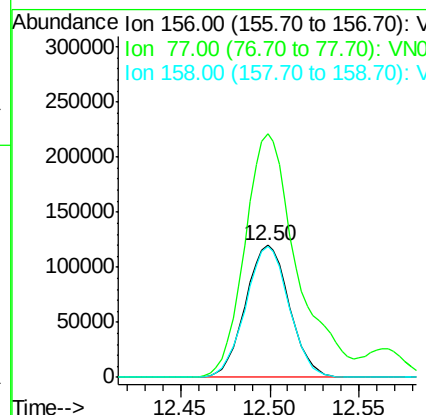
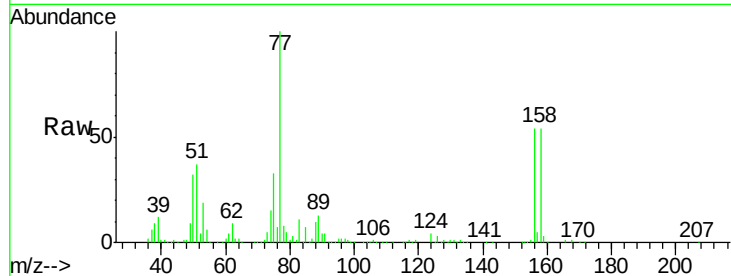
#73
Bromobenzene
Concen: 51.123 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		205943		
77	219.0	0.0	429.8		
158	98.3	0.0	190.6		

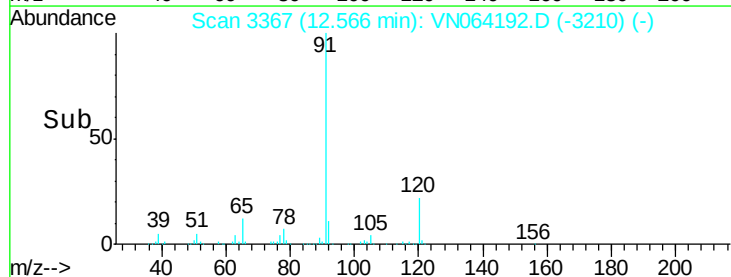
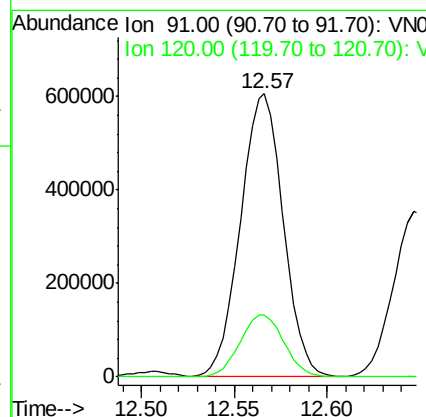
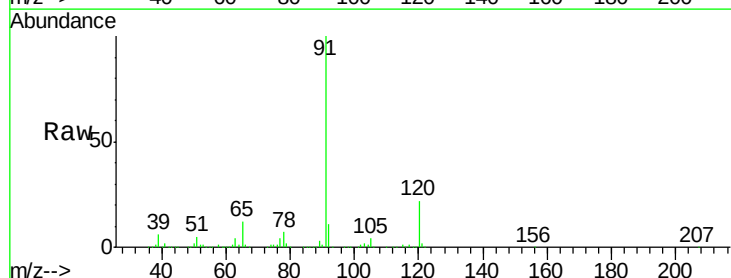
Manual Integrations
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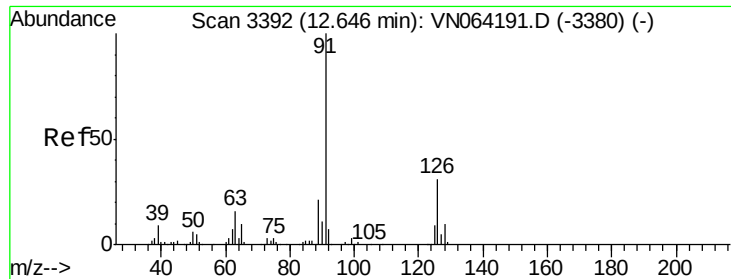
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#74
n-propylbenzene
Concen: 52.576 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		973060		
120	22.5	0.0	43.8		





#75

2-Chlorotoluene

Concen: 52.517 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 593430

Ion Ratio Lower Upper

91 100

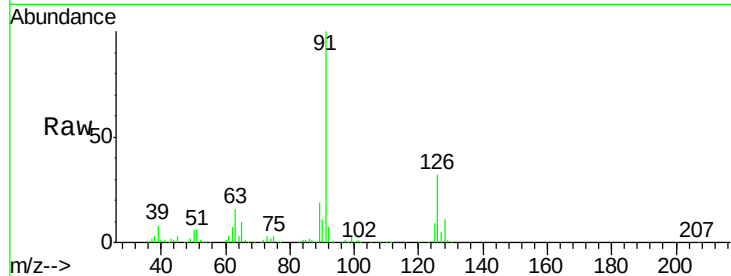
126 32.6 0.0 62.4

Manual Integrations

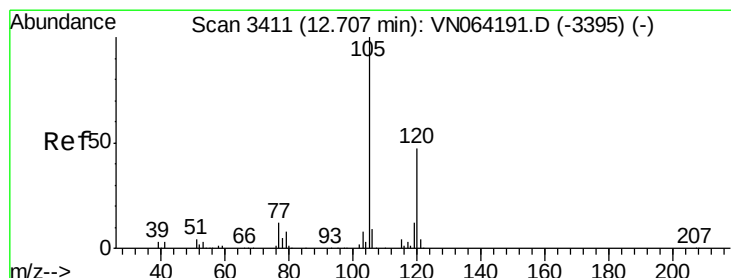
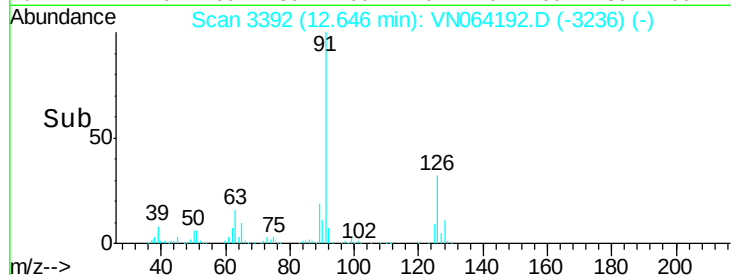
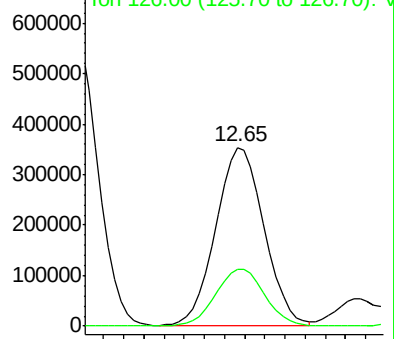
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Abundance Ion 91.00 (90.70 to 91.70): VN064192.D (-3380) (-)



#76

1,3,5-Trimethylbenzene

Concen: 54.561 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064192.D

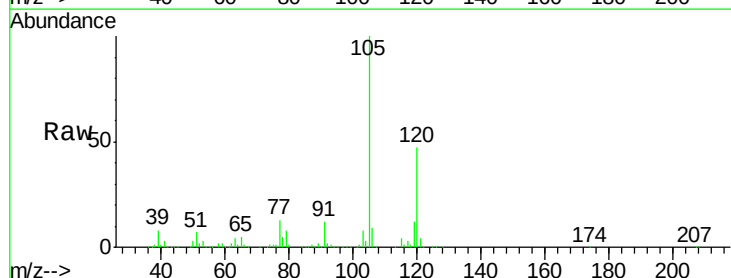
Acq: 20 Oct 2020 10:48

Tgt Ion: 105 Resp: 732689

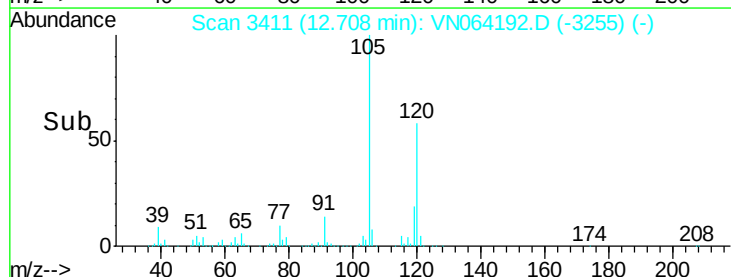
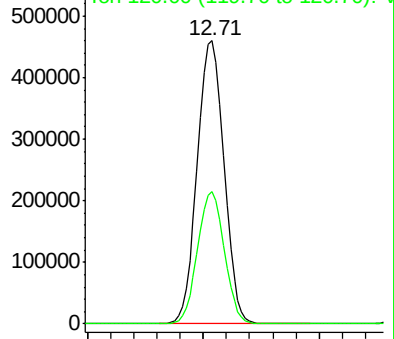
Ion Ratio Lower Upper

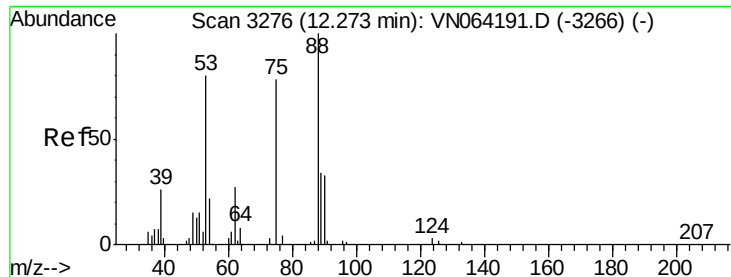
105 100

120 46.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064192.D (-3395) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 50.911 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Instrument :

MSVOA_N

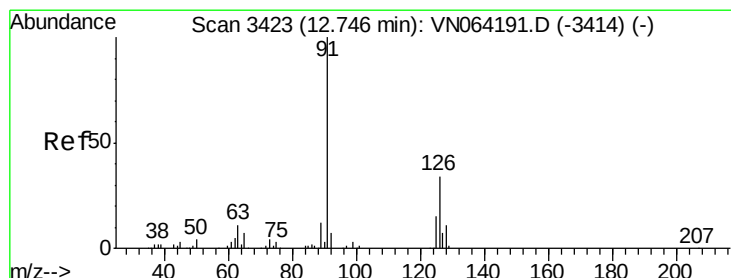
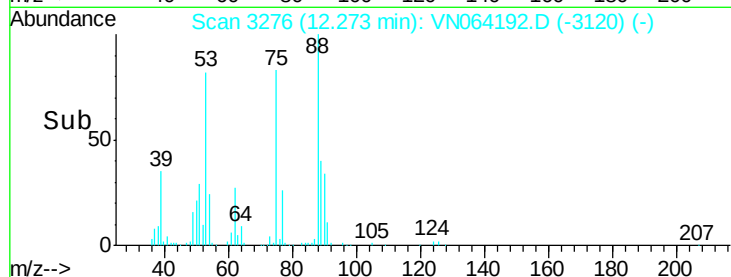
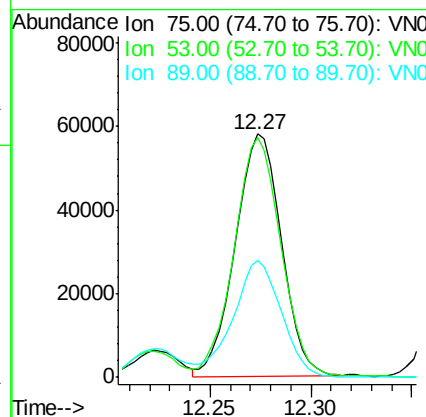
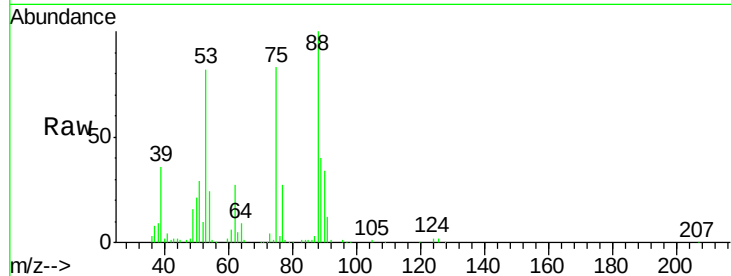
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	92639
Ion	Ratio	Lower	Upper
75	100		
53	98.4	51.4	154.2
89	48.4	23.8	71.5

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#78

4-Chlorotoluene

Concen: 52.618 ug/l

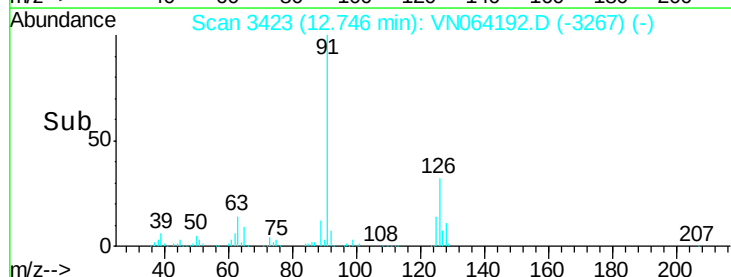
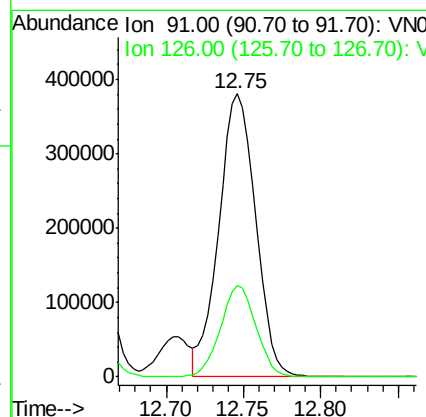
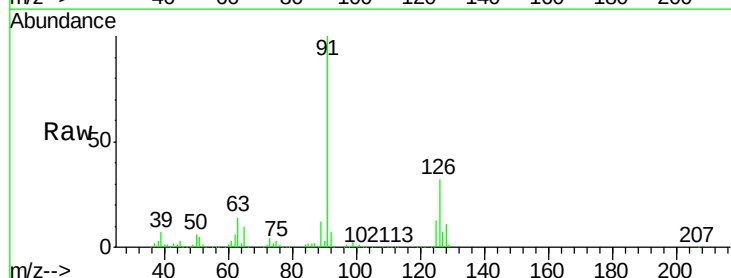
RT: 12.75 min Scan# 3423

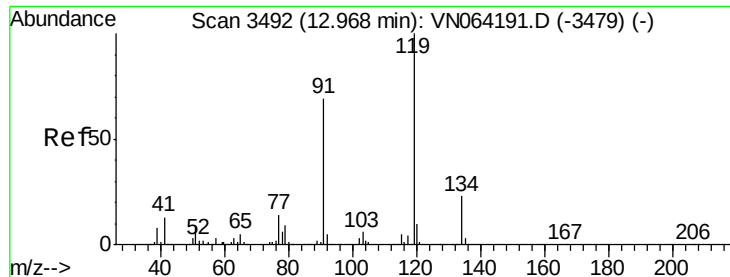
Delta R.T. 0.00 min

Lab File: VN064192.D

Acq: 20 Oct 2020 10:48

Tgt Ion:	91	Resp:	626740
Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	63.2





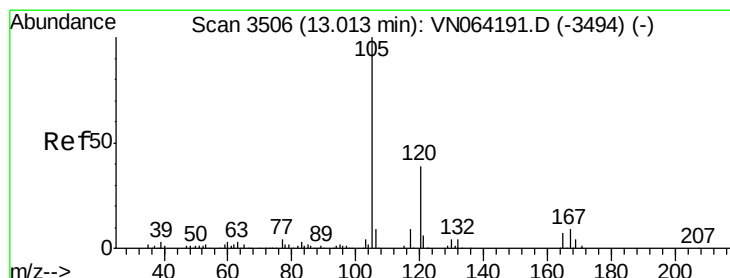
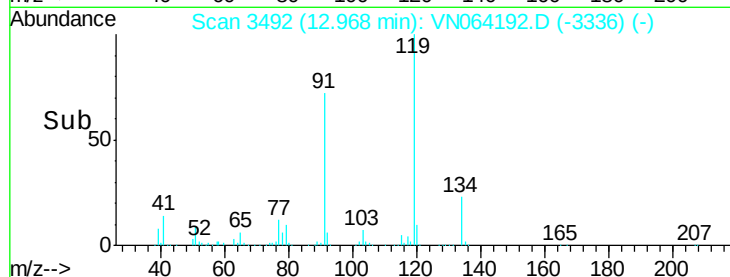
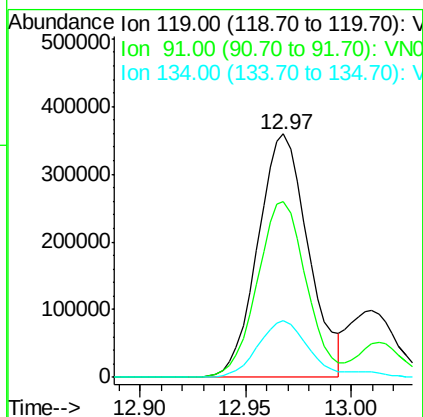
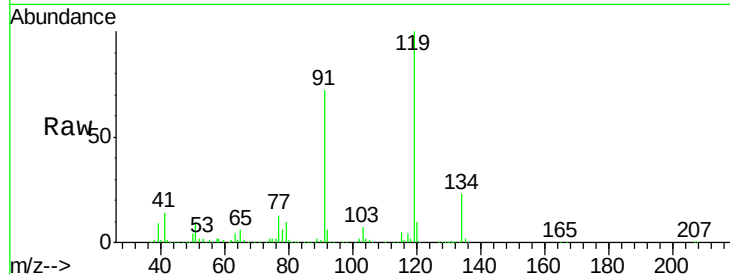
#79
tert-butylbenzene
Concen: 55.197 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	598148		
91	70.6	0.0	143.2	
134	23.0	0.0	49.2	

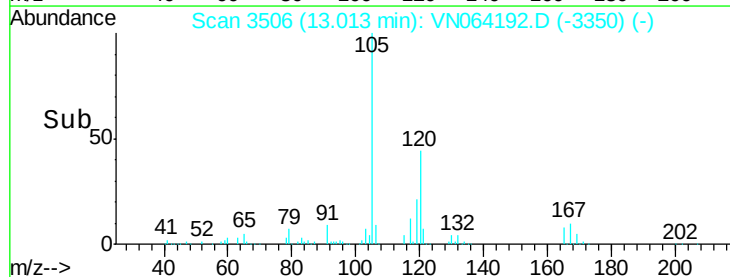
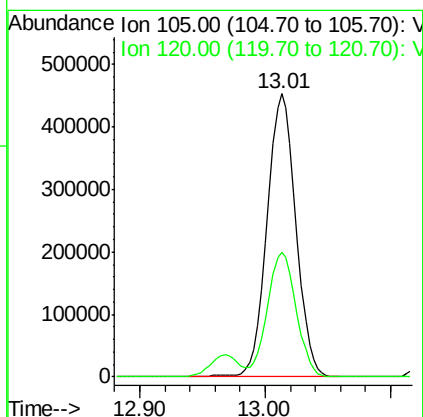
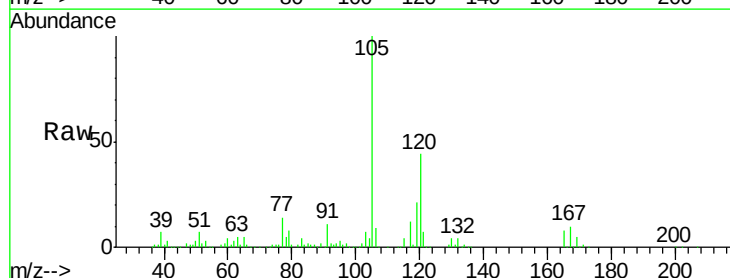
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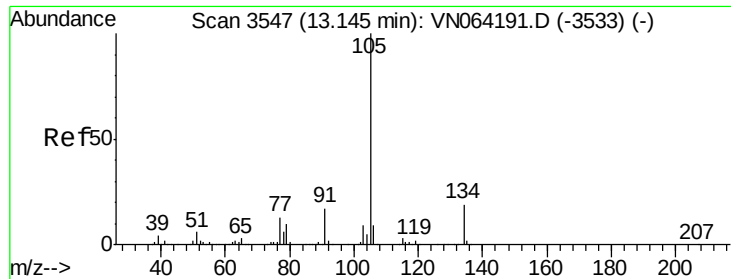
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 53.591 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	723598		
120	44.2	0.0	85.8	





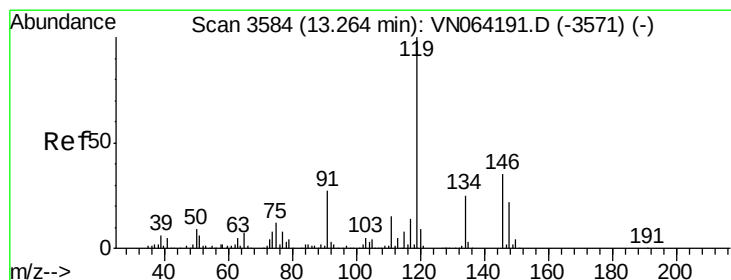
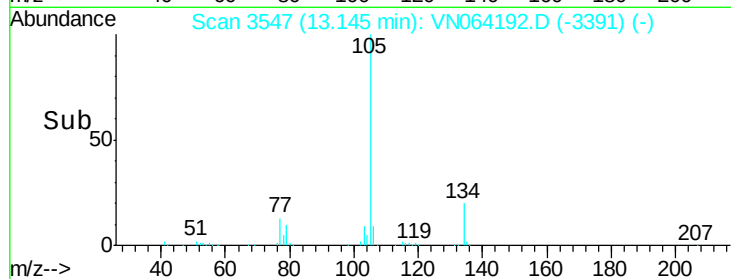
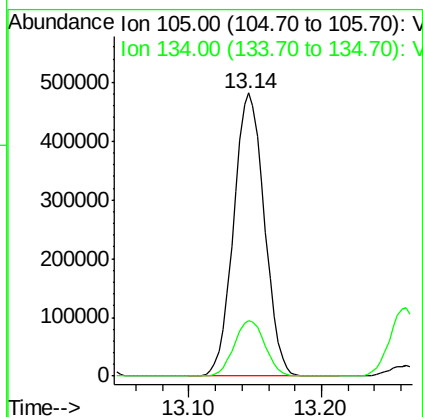
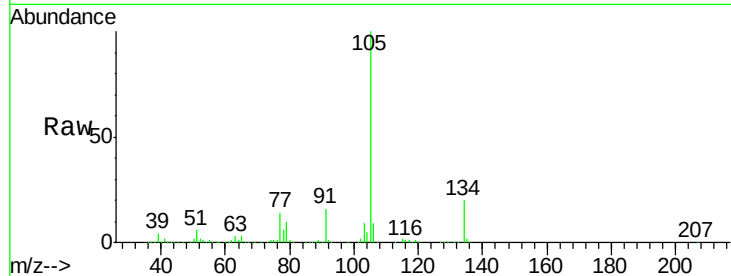
#81
 sec-Butylbenzene
 Concen: 54.439 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	773318		
134	19.7	0.0	38.4	

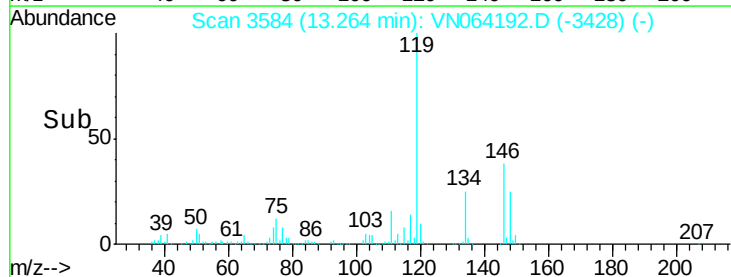
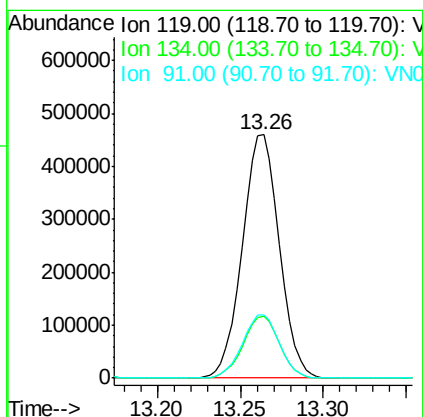
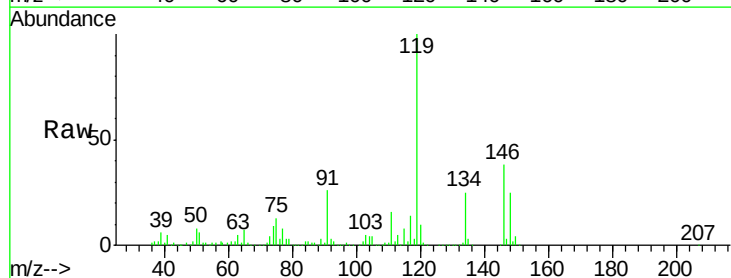
Manual Integrations
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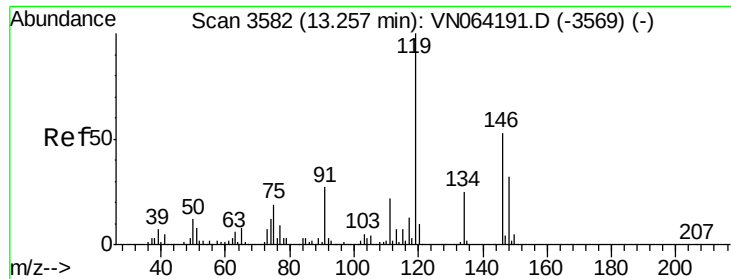
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 10/23/2020 2:28:37 PM



#82
 p-Isopropyltoluene
 Concen: 54.919 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	711459		
134	25.3	0.0	51.4	
91	25.9	0.0	52.8	





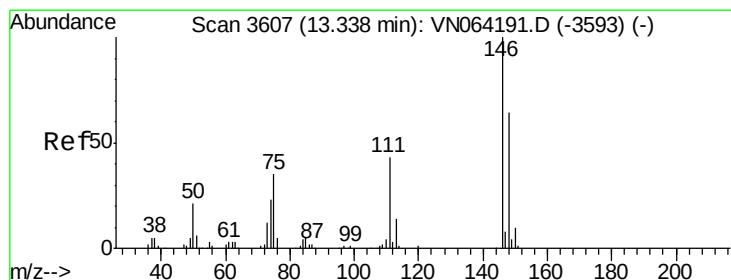
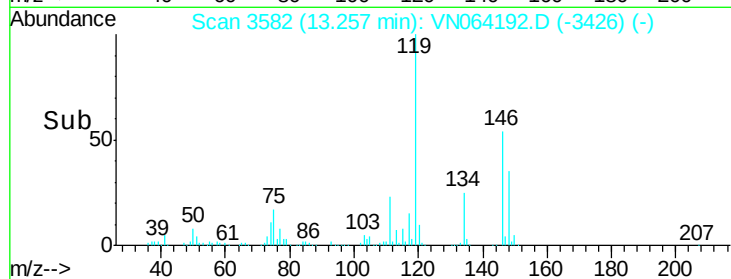
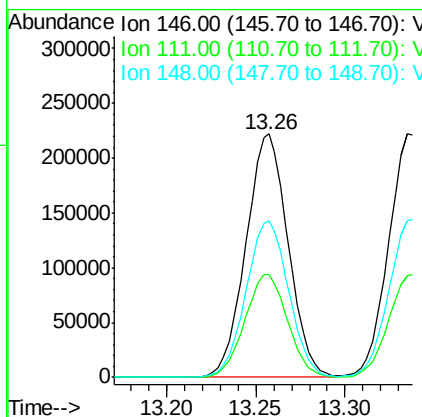
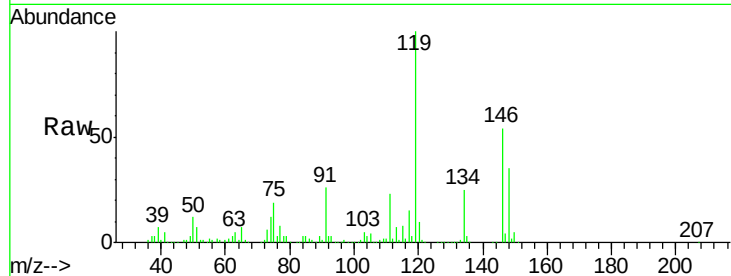
#83
 1,3-Dichlorobenzene
 Concen: 51.658 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.8	65.4
148	64.7	31.4	94.2

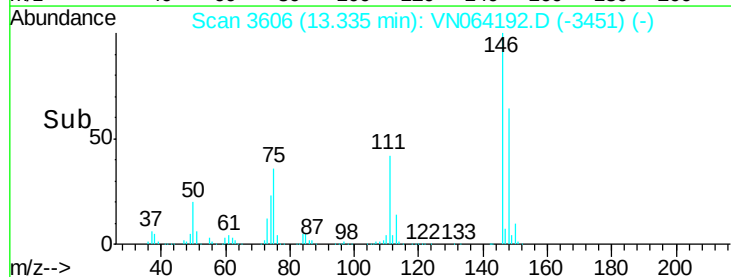
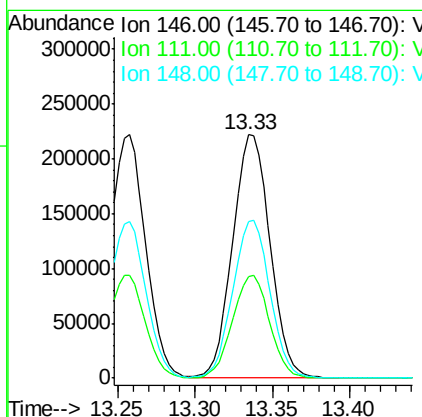
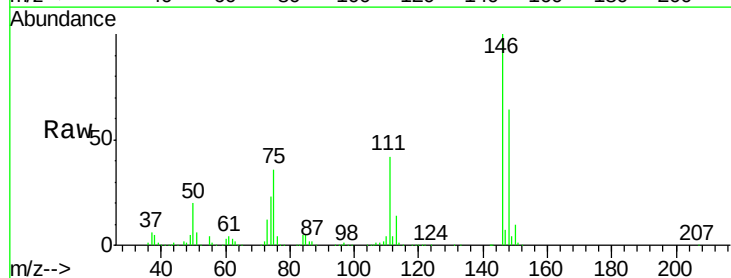
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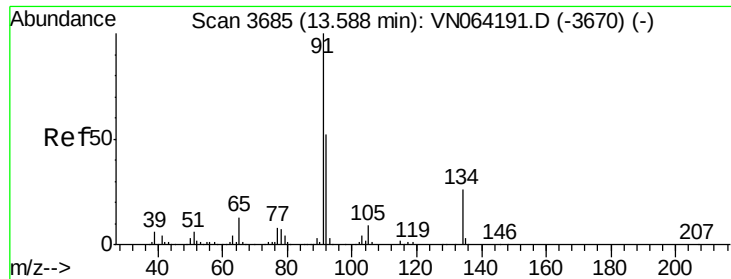
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#84
 1,4-Dichlorobenzene
 Concen: 52.260 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.8
148	64.4	30.9	92.7





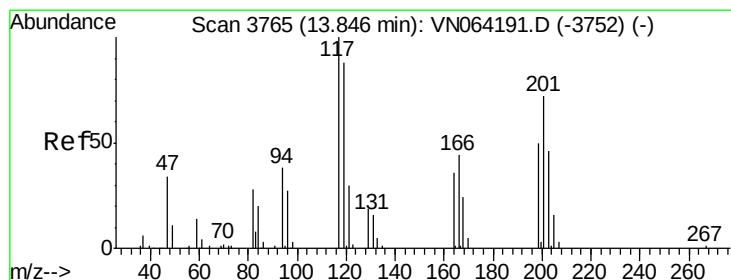
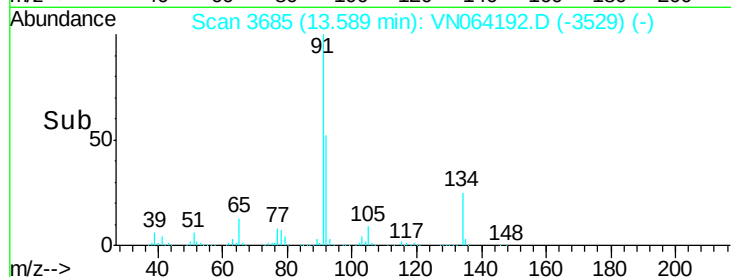
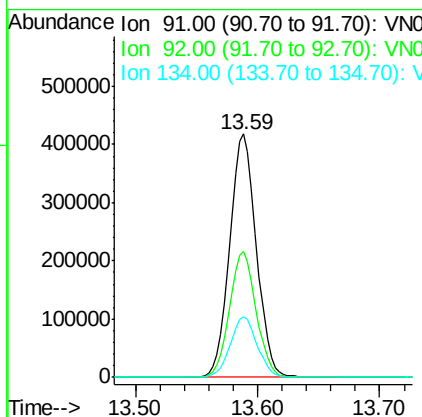
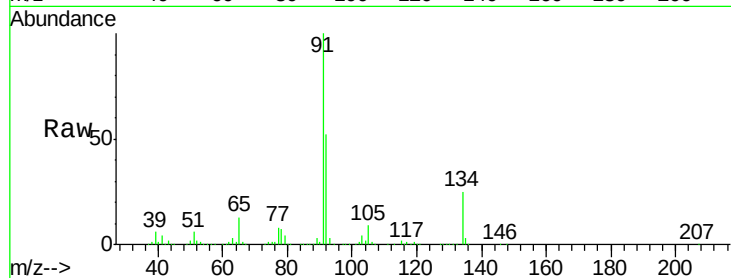
#85
n-Butylbenzene
Concen: 56.169 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	0.0	104.8
134	25.1	0.0	49.8

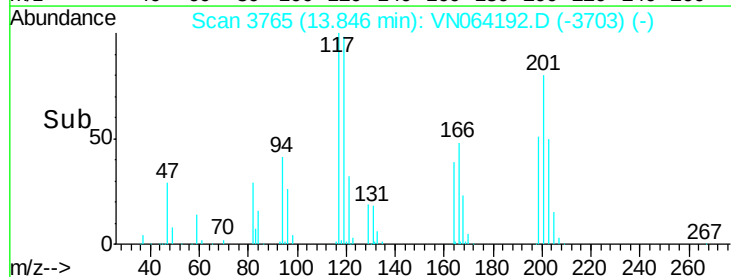
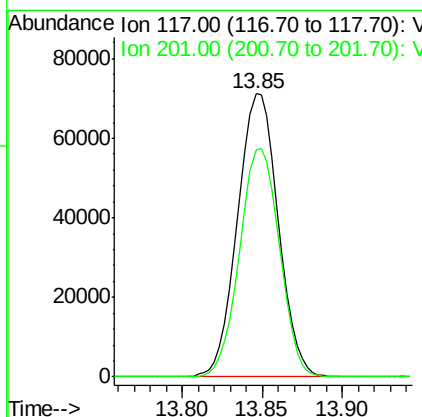
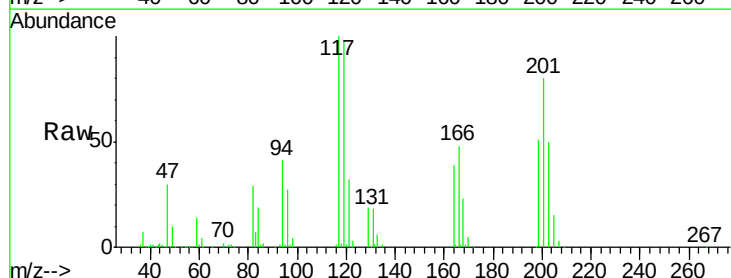
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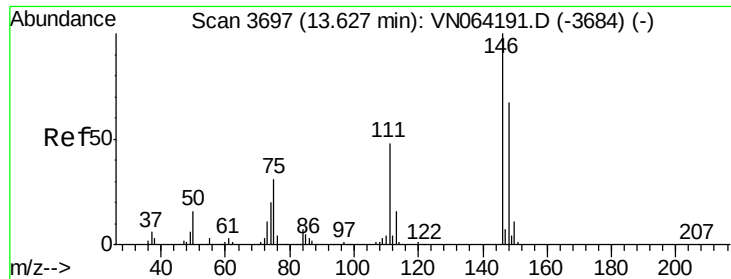
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#86
Hexachloroethane
Concen: 55.312 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.0	37.5	112.3





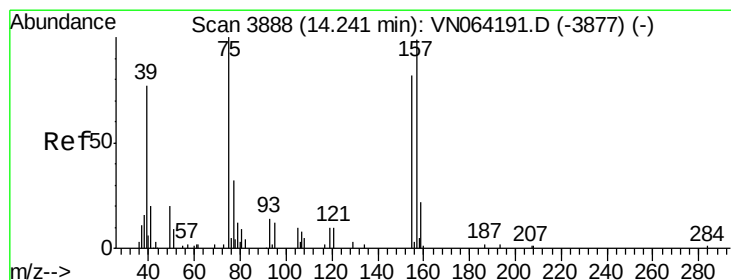
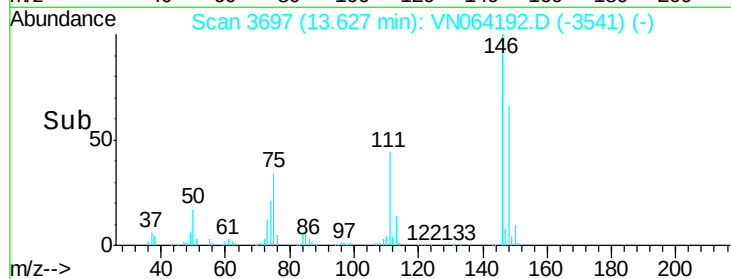
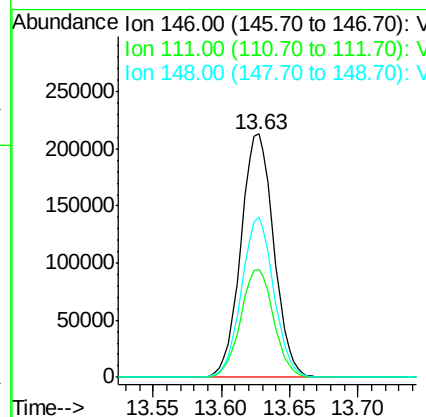
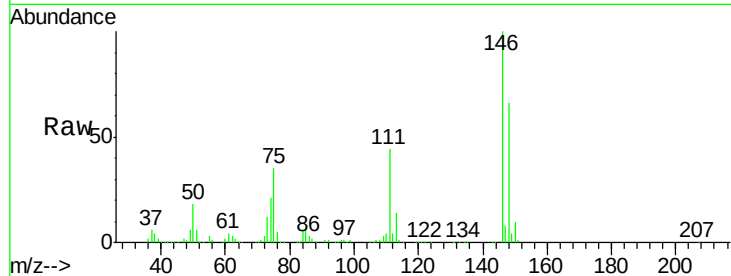
#87
 1,2-Dichlorobenzene
 Concen: 51.700 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.6	67.8
148	64.4	32.6	97.8

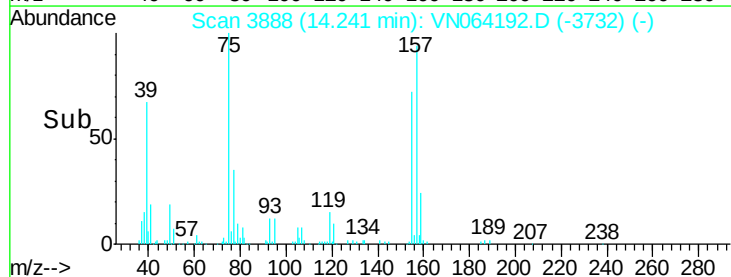
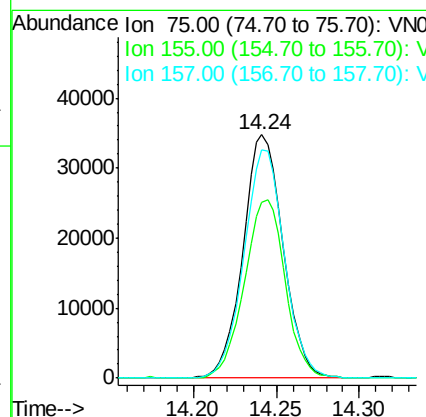
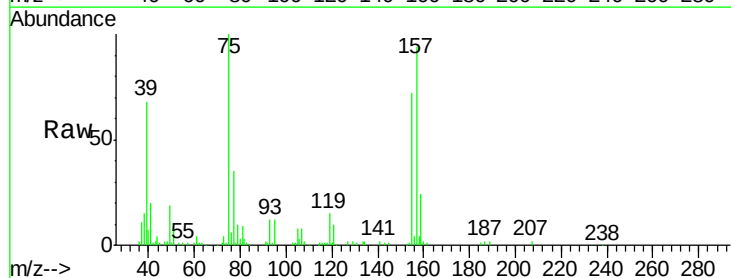
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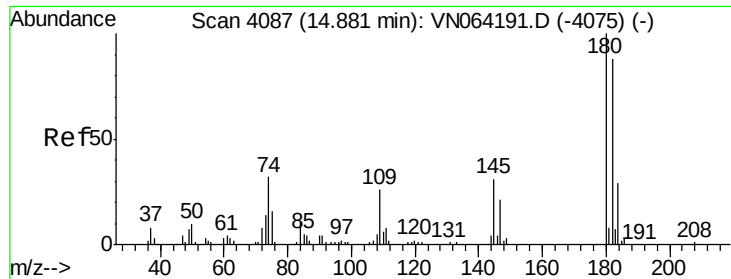
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 49.958 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.2	61.1	91.7
157	94.4	76.5	114.7





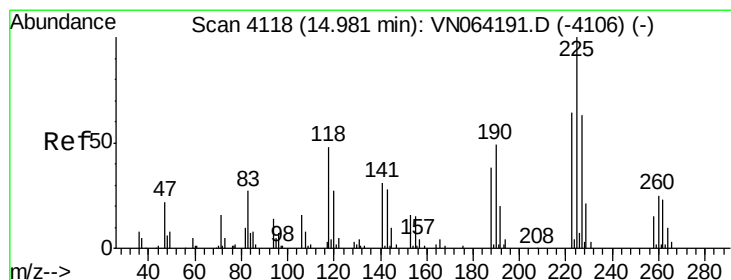
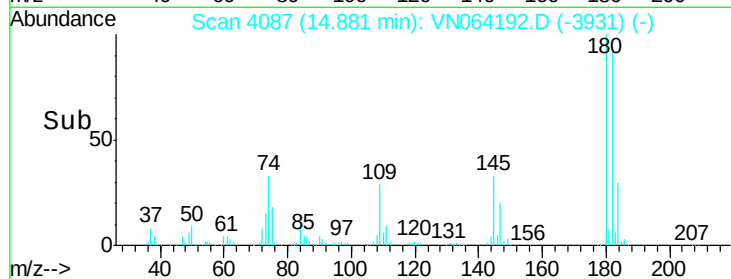
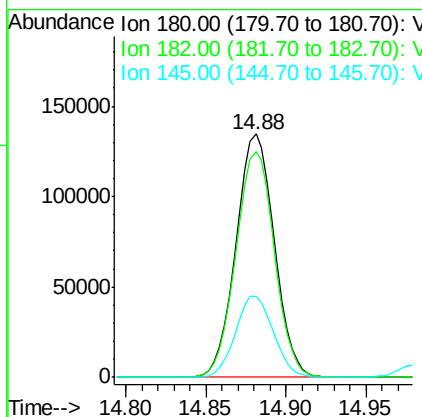
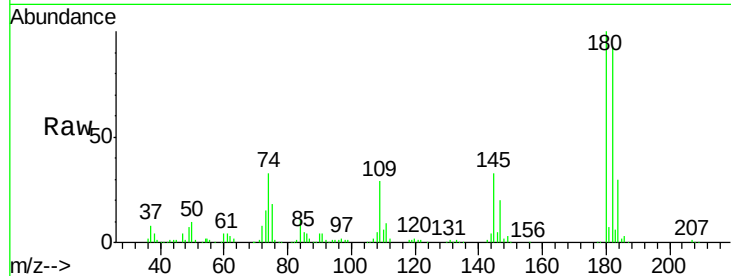
#89
 1,2,4-Trichlorobenzene
 Concen: 59.480 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	219670		
182	93.5	73.0	109.4	
145	33.0	24.3	36.5	

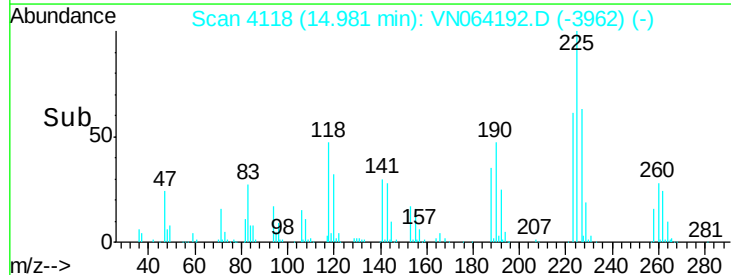
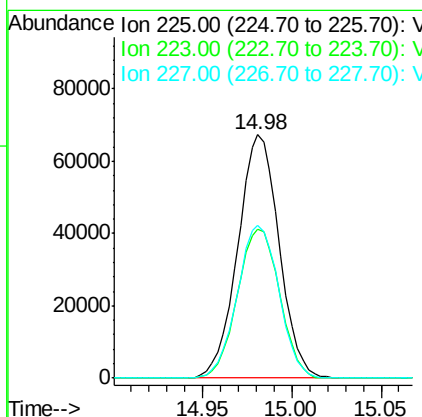
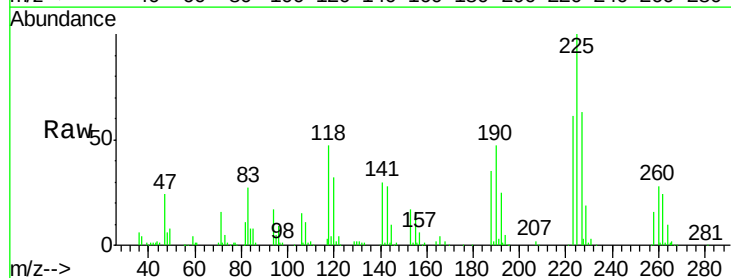
Manual Integrations
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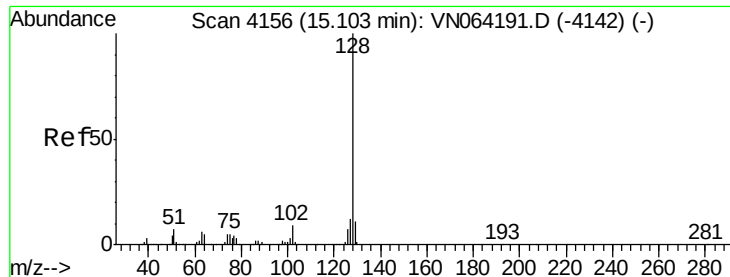
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#90
 Hexachlorobutadiene
 Concen: 56.795 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064192.D
 Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108523		
223	62.6	0.0	127.0	
227	63.2	0.0	129.4	





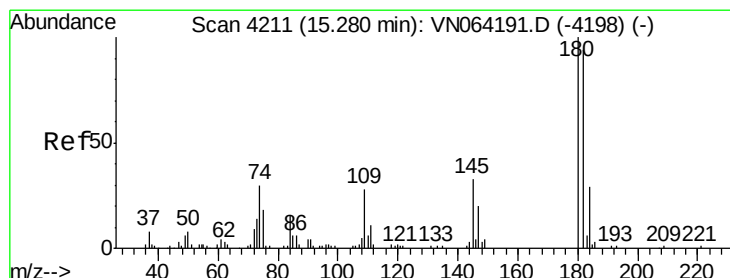
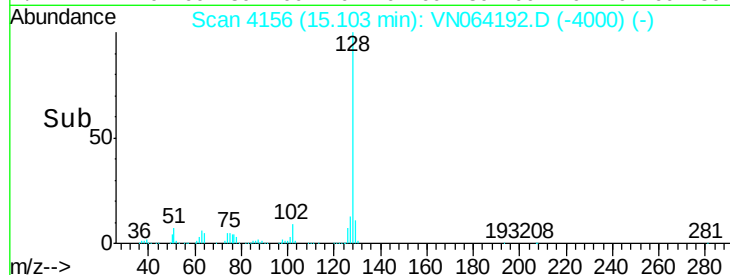
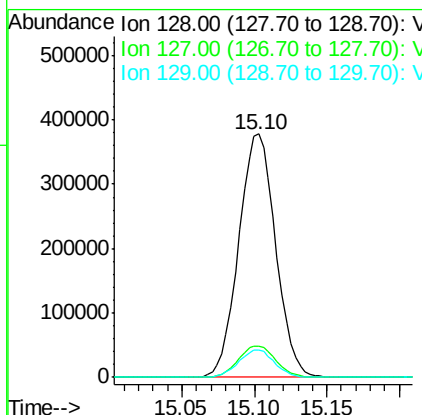
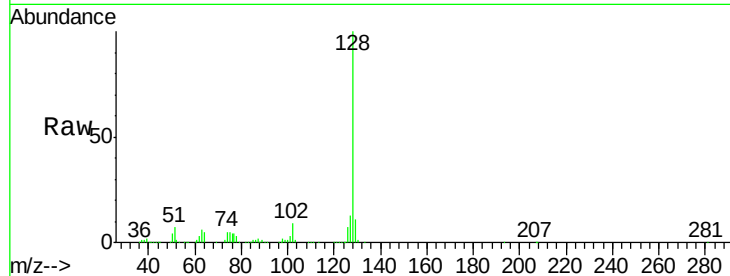
#91
Naphthalene
Concen: 60.012 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.9	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 59.245 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064192.D
Acq: 20 Oct 2020 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	190.0
145	32.9	0.0	66.6

