

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057252.D
 Acq On : 13 Aug 2019 17:47
 Operator : JC/SP
 Sample : VN0813WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 9:48:56 AM

Quant Time: Aug 22 09:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 22 09:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1200444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1769639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1589564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	582293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	630687	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.58	113	566714	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.09	98	2147646	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.40	95	683244	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	206623	20.418	ug/l	98
3) Chloromethane	2.05	50	239371	20.865	ug/l	96
4) Vinyl Chloride	2.18	62	233585	20.961	ug/l	97
5) Bromomethane	2.55	94	178157	22.231	ug/l	97
6) Chloroethane	2.70	64	157981	21.560	ug/l	98
7) Trichlorofluoromethane	3.02	101	362563	20.678	ug/l	100
8) Diethyl Ether	3.40	74	138051	21.728	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	215068	20.428	ug/l	98
10) Methyl Iodide	3.95	142	340318	20.808	ug/l	99
11) Tert butyl alcohol	4.76	59	182751	112.062	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	220900	21.147	ug/l	97
13) Acrolein	3.60	56	114220	97.896	ug/l	100
14) Allyl chloride	4.32	41	329871	20.817	ug/l	98
15) Acrylonitrile	4.97	53	509359	110.865	ug/l	99
16) Acetone	3.81	43	407621	98.181	ug/l	99
17) Carbon Disulfide	4.05	76	573350	20.080	ug/l	99
18) Methyl Acetate	4.31	43	247859	22.519	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	663711	21.278	ug/l	100
20) Methylene Chloride	4.55	84	252095	20.786	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	232109	20.844	ug/l	99
22) Diisopropyl ether	5.94	45	673345	21.611	ug/l	96
23) Vinyl Acetate	5.88	43	2686832	108.824	ug/l	99
24) 1,1-Dichloroethane	5.84	63	409825	20.878	ug/l	99
25) 2-Butanone	6.82	43	641950	108.755	ug/l	98
26) 2,2-Dichloropropane	6.81	77	328402	20.391	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	271210	21.120	ug/l	100
28) Bromochloromethane	7.19	49	187192	21.611	ug/l	99
29) Tetrahydrofuran	7.20	42	425054	112.644	ug/l	99
30) Chloroform	7.36	83	424180	20.686	ug/l	99
31) Cyclohexane	7.65	56	360544	21.016	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	369549	21.306	ug/l	100
36) 1,1-Dichloropropene	7.79	75	311121	20.109	ug/l	100
37) Ethyl Acetate	6.92	43	268659	21.604	ug/l	99
38) Carbon Tetrachloride	7.77	117	328296	19.975	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	373278	20.378	ug/l	96
40) Benzene	8.03	78	972880	20.698	ug/l	100
41) Methacrylonitrile	7.20	41	373112	71.638	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	314342	20.870	ug/l	99
43) Isopropyl Acetate	8.16	43	436371	21.307	ug/l	100
44) Trichloroethene	8.83	130	273683	20.087	ug/l	98
45) 1,2-Dichloropropane	9.11	63	248712	20.887	ug/l	99
46) Dibromomethane	9.20	93	165282	20.586	ug/l	98
47) Bromodichloromethane	9.40	83	324131	20.940	ug/l	99
48) Methyl methacrylate	9.19	41	206474	21.788	ug/l	98
49) 1,4-Dioxane	9.20	88	88272	413.344	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1298084	107.940	ug/l	100
52) Toluene	10.15	92	613799	21.020	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	351296	21.217	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	395115	21.174	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	244271	21.402	ug/l	98
56) Ethyl methacrylate	10.43	69	345513	21.577	ug/l	99
57) 1,3-Dichloropropane	10.70	76	396206	21.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	391640	97.321	ug/l	100
59) 2-Hexanone	10.75	43	909865	106.633	ug/l	99
60) Dibromochloromethane	10.90	129	269111	21.025	ug/l	100
61) 1,2-Dibromoethane	11.00	107	253171	21.366	ug/l	99
64) Tetrachloroethene	10.63	164	288267	20.532	ug/l	97
65) Chlorobenzene	11.43	112	668864	20.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	251170	19.996	ug/l	97
67) Ethyl Benzene	11.51	91	1145754	20.633	ug/l	99
68) m/p-Xylenes	11.62	106	857860	41.406	ug/l	98
69) o-Xylene	11.95	106	424424	20.922	ug/l	100
70) Styrene	11.96	104	663900	21.138	ug/l	100
71) Bromoform	12.13	173	199171	20.694	ug/l	99
73) Isopropylbenzene	12.25	105	1118610	23.351	ug/l	100
74) N-amyl acetate	12.07	43	320190	22.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	321820	24.341	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	261119m	23.810	ug/l	
77) Bromobenzene	12.53	156	296191	23.198	ug/l	98
78) n-propylbenzene	12.59	91	1111355	22.093	ug/l	100
79) 2-Chlorotoluene	12.67	91	713036	22.940	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	920588	22.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	90806	20.946	ug/l	98
82) 4-Chlorotoluene	12.77	91	652192	20.537	ug/l	100
83) tert-Butylbenzene	12.99	119	821496	22.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	858501	20.937	ug/l	99
85) sec-Butylbenzene	13.17	105	987433	22.206	ug/l	100
86) p-Isopropyltoluene	13.29	119	853628	19.936	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	408866	20.269	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	380529	19.395	ug/l	97
89) n-Butylbenzene	13.62	91	614975	20.476	ug/l	100
90) Hexachloroethane	13.88	117	166977	22.445	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	402856	20.483	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41951	21.568	ug/l	94

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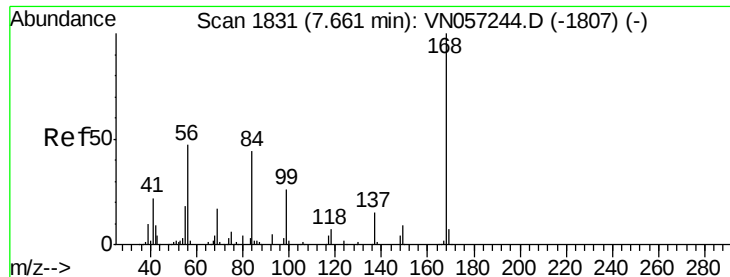
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	108200	16.446	ug/l	99
94) Hexachlorobutadiene	15.01	225	180522	21.805	ug/l	98
95) Naphthalene	15.13	128	202098	19.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	109810	18.834	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion:168 Resp: 1200444

Ion Ratio Lower Upper

168 100

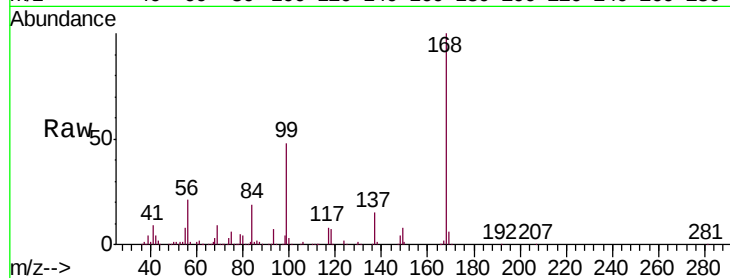
99 48.3 38.6 58.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

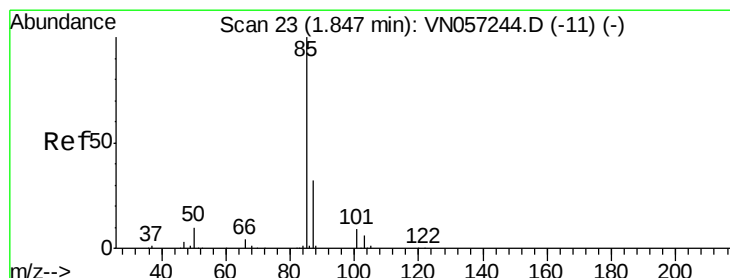
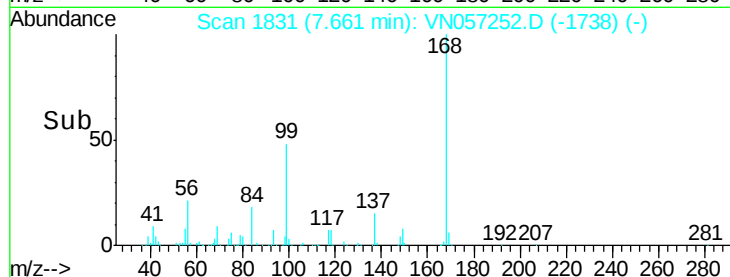
100000

0

7.66

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.418 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN057252.D

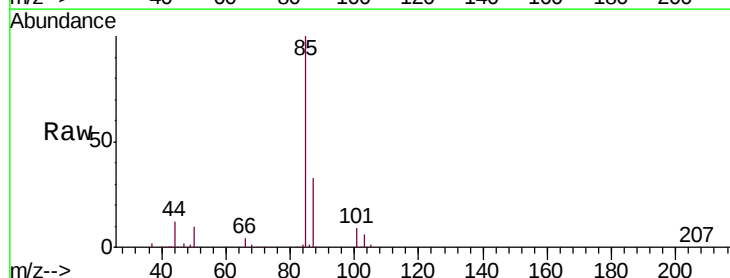
Acq: 13 Aug 2019 17:47

Tgt Ion: 85 Resp: 206623

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

150000

100000

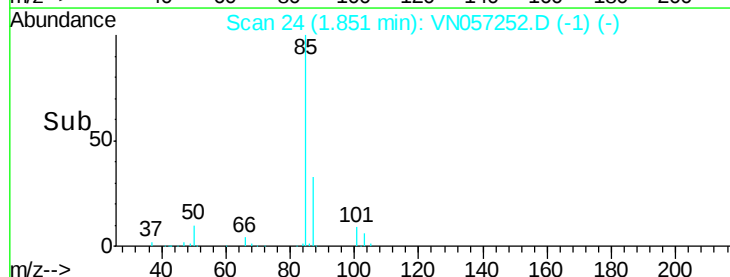
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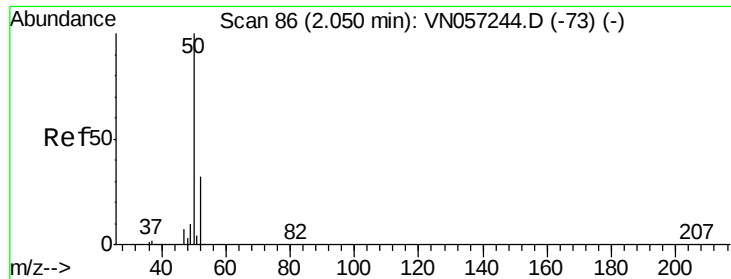
0

1.85

1.75 1.80 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.865 ug/l

RT: 2.05 min Scan# 86

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion: 50 Resp: 239371

Ion Ratio Lower Upper

50 100

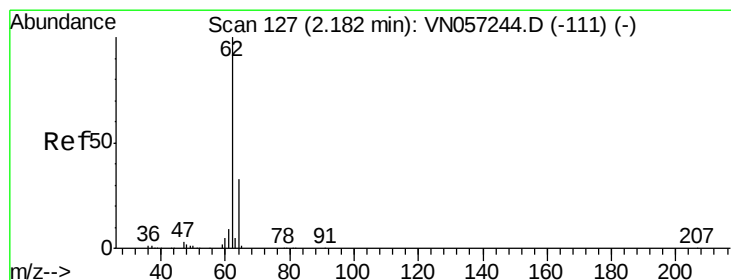
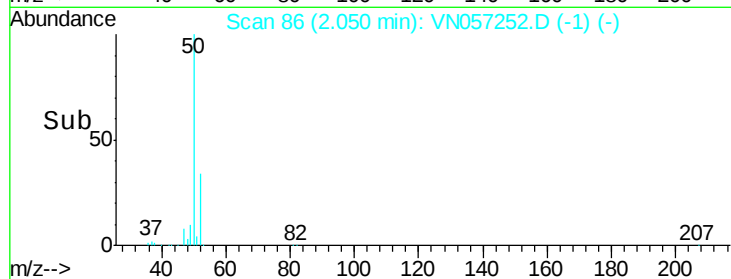
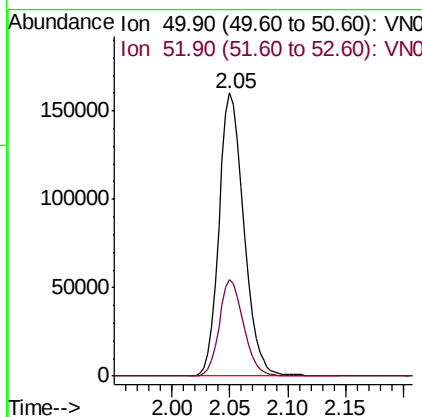
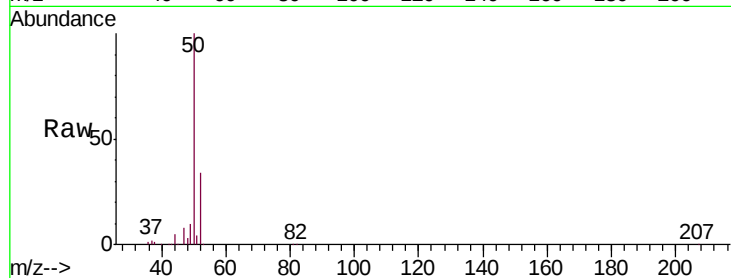
52 34.3 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.961 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057252.D

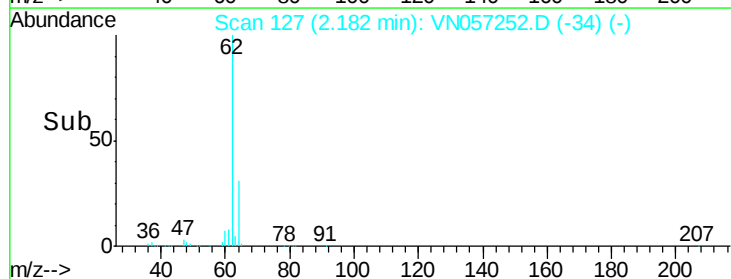
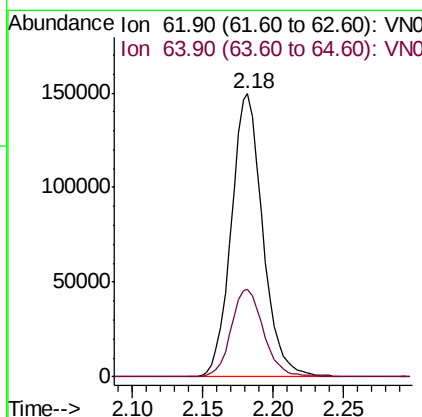
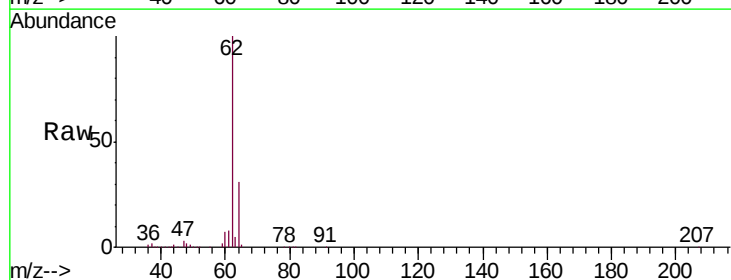
Acq: 13 Aug 2019 17:47

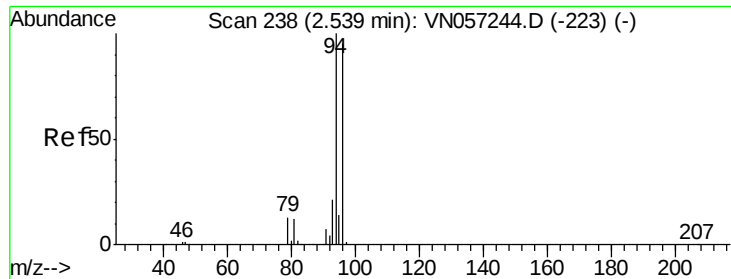
Tgt Ion: 62 Resp: 233585

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.2





#5

Bromomethane

Concen: 22.231 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion: 94 Resp: 178157

Ion Ratio Lower Upper

94 100

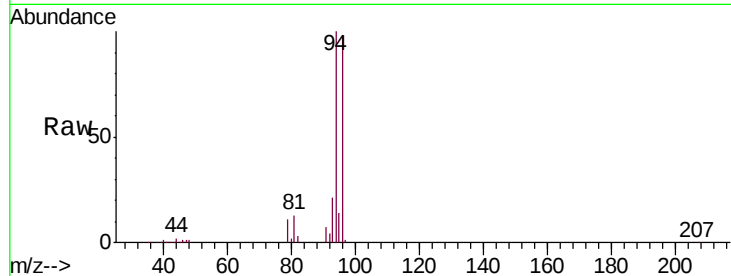
96 97.3 75.7 113.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

80000

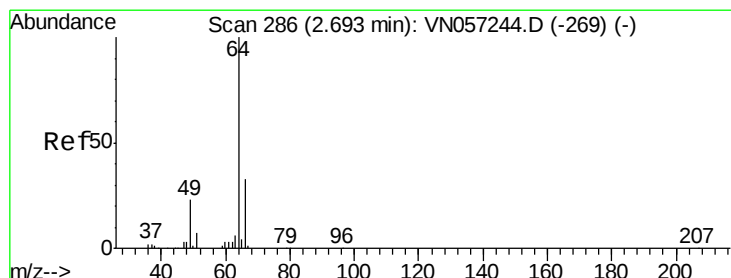
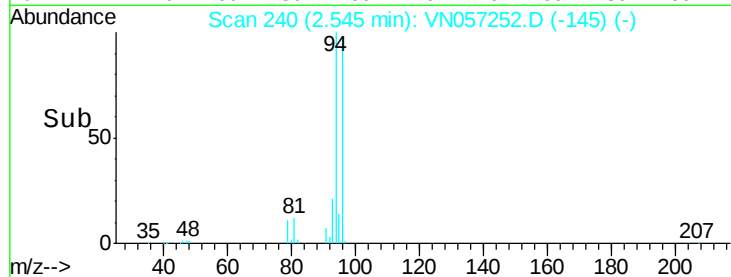
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 21.560 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN057252.D

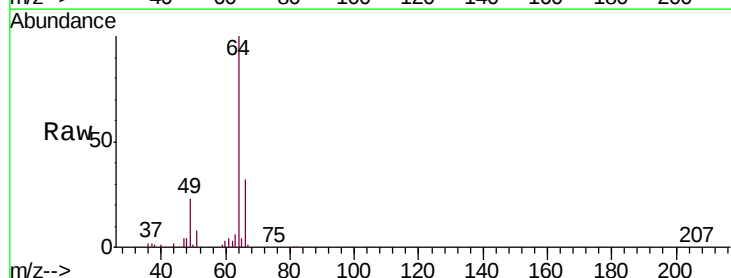
Acq: 13 Aug 2019 17:47

Tgt Ion: 64 Resp: 157981

Ion Ratio Lower Upper

64 100

66 31.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

80000

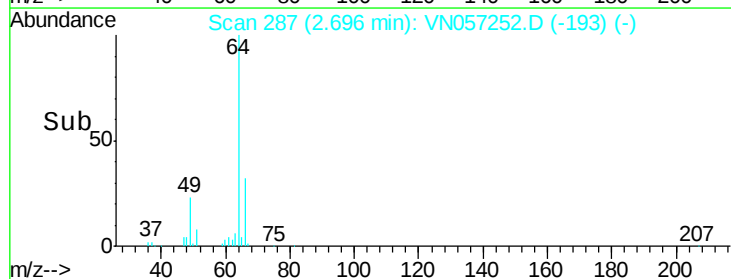
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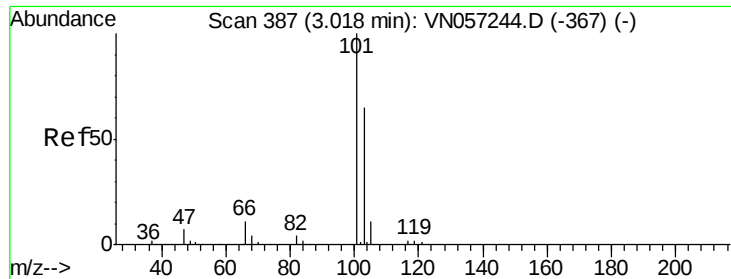
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20000

0

Time-->





#7

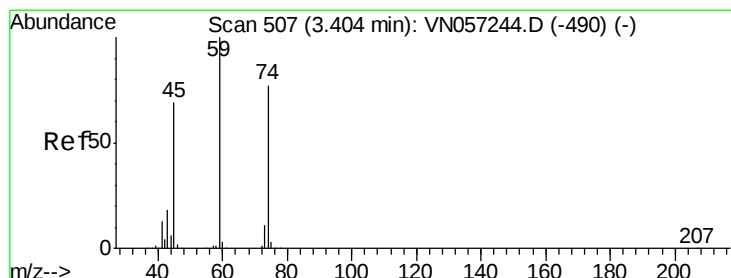
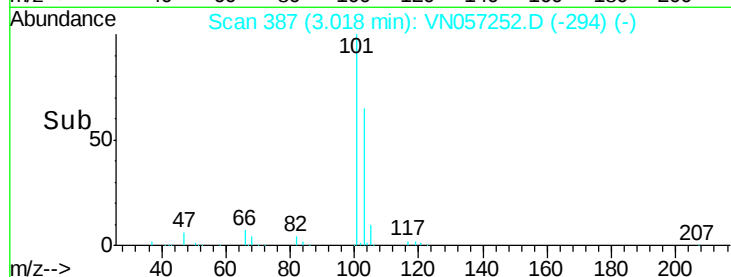
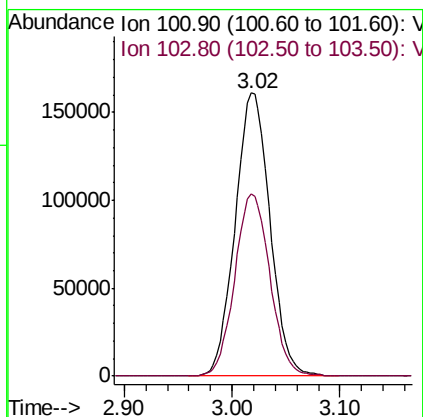
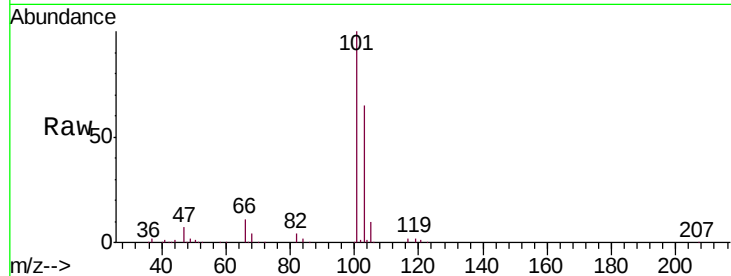
Trichlorofluoromethane
 Concen: 20.678 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
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 VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	362563		
103	64.6	51.8	77.6	

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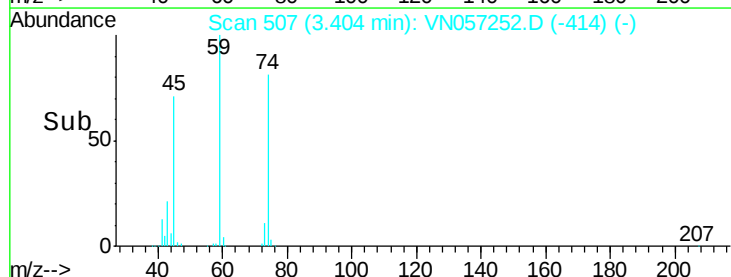
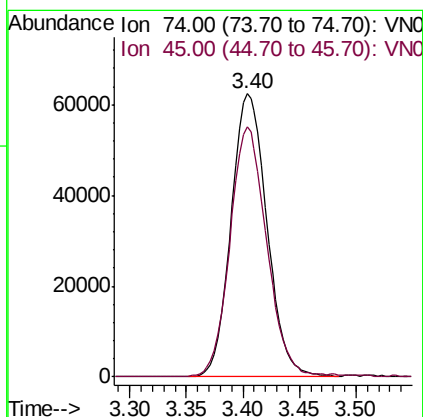
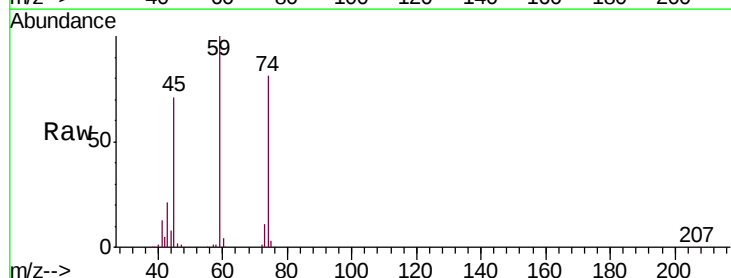
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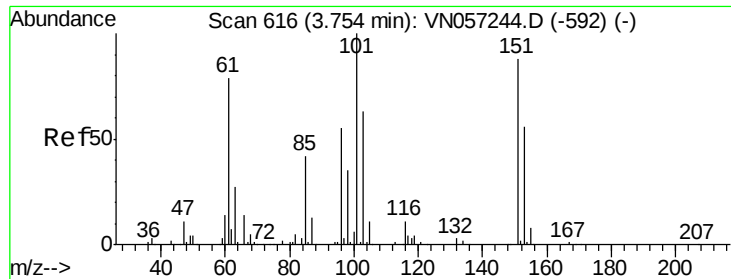


#8

Diethyl Ether
 Concen: 21.728 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	138051		
45	90.6	45.1	135.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.428 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

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MSVOA_N

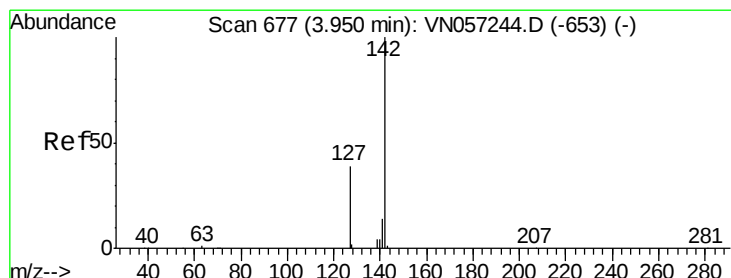
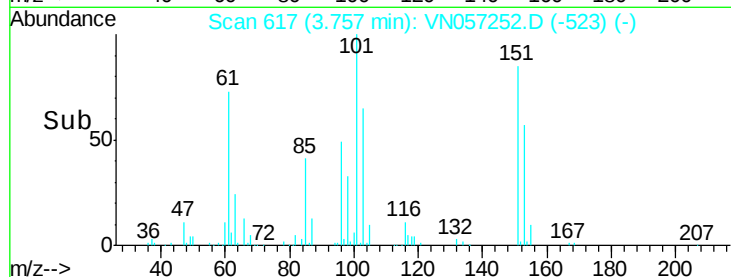
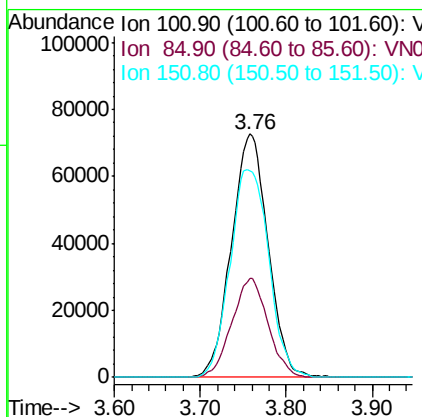
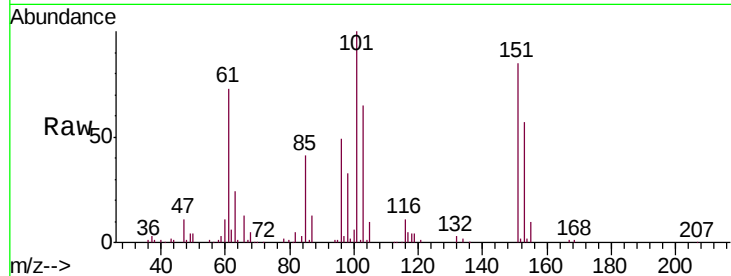
ClientSampleId :

VN0813WBS01

Tgt Ion:	101	Resp:	215068
Ion Ratio	Lower	Upper	
101	100		
85	40.2	32.7	49.1
151	90.2	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 20.808 ug/l

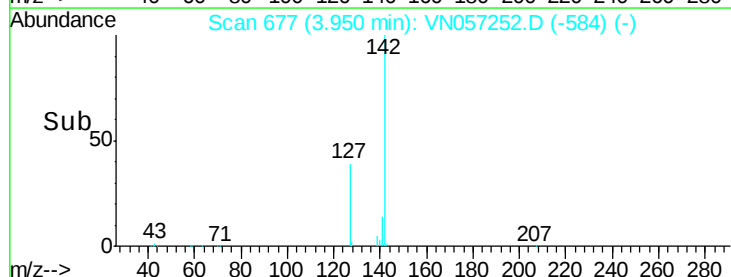
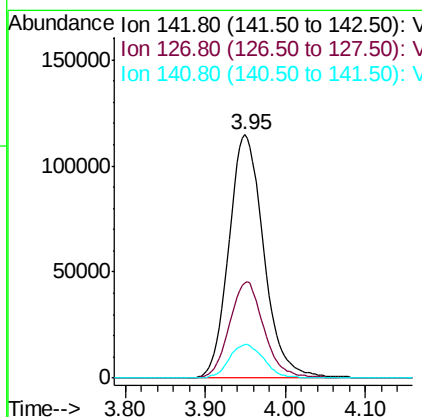
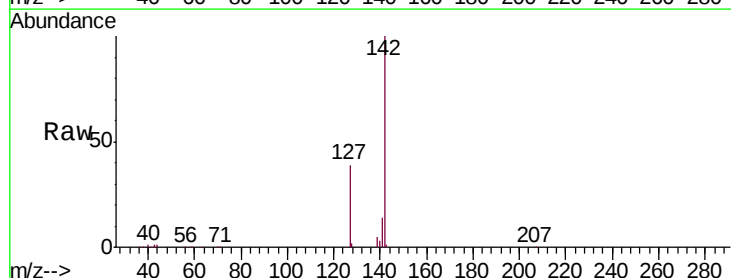
RT: 3.95 min Scan# 677

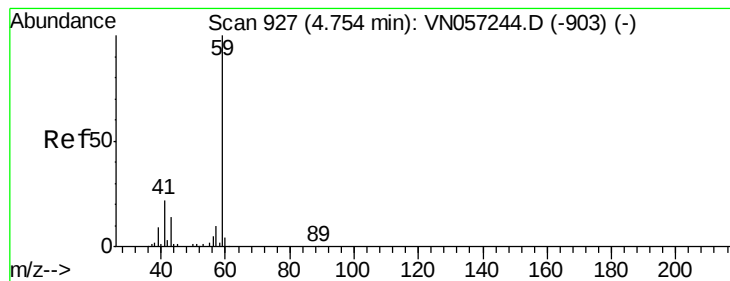
Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Tgt Ion:	142	Resp:	340318
Ion Ratio	Lower	Upper	
142	100		
127	39.2	30.7	46.1
141	13.8	11.0	16.6





#11

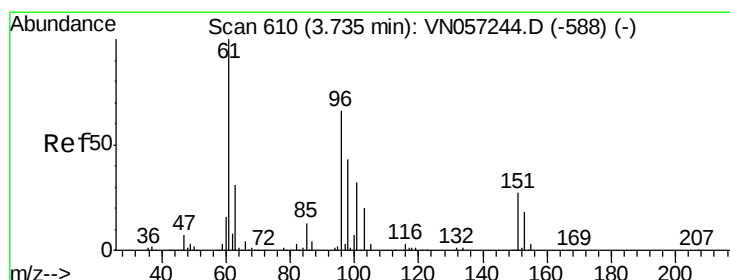
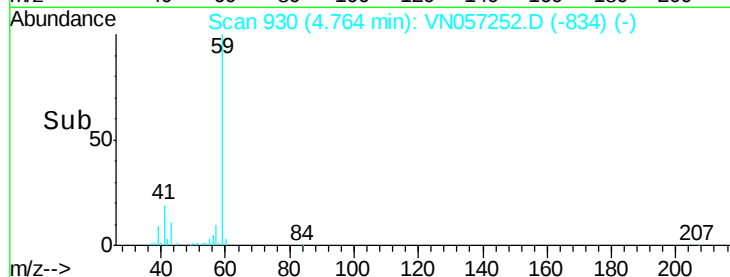
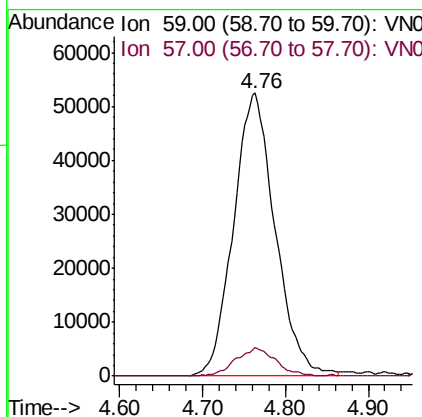
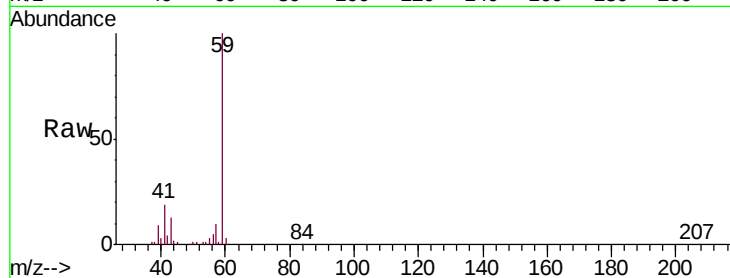
Tert butyl alcohol
 Concen: 112.062 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	182751		
57	9.7	3.4	5.2#	

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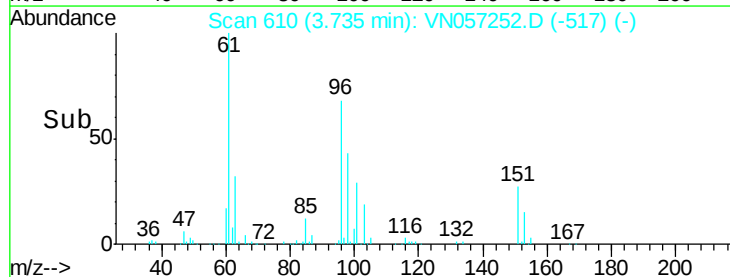
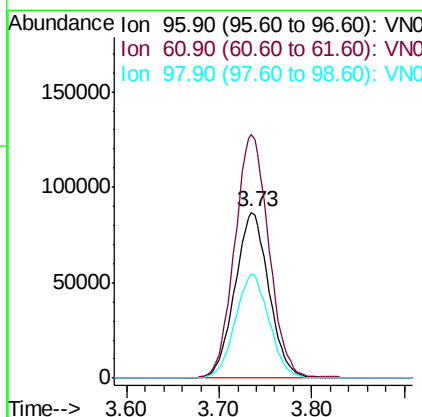
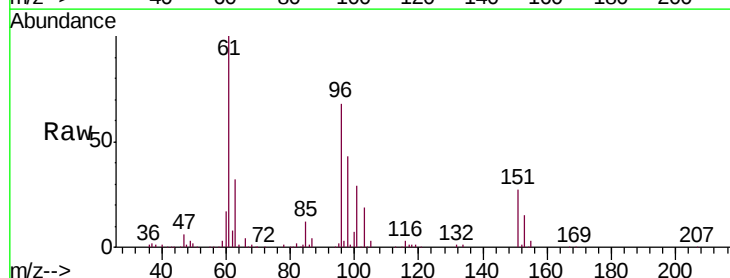
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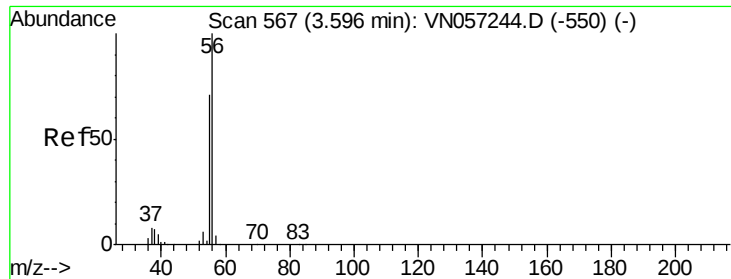


#12

1,1-Dichloroethene
 Concen: 21.147 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	220900		
61	146.8	121.1	181.7	
98	63.0	52.0	78.0	





#13

Acrolein

Concen: 97.896 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion: 56 Resp: 114220

Ion Ratio Lower Upper

56 100

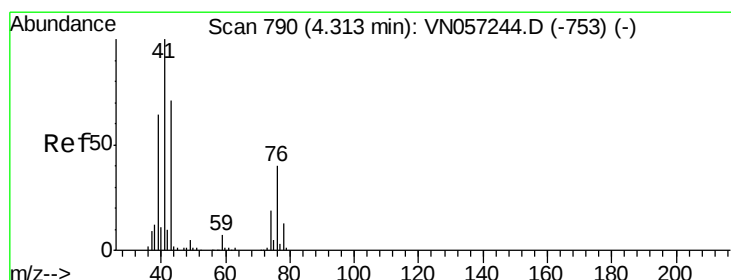
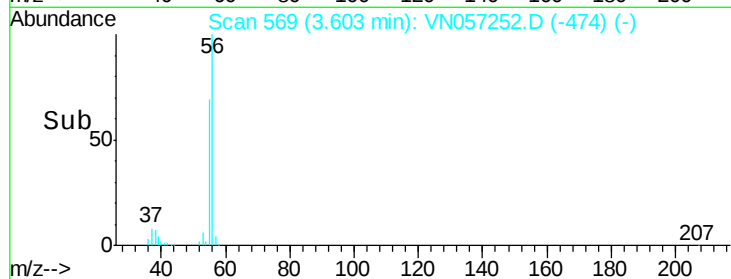
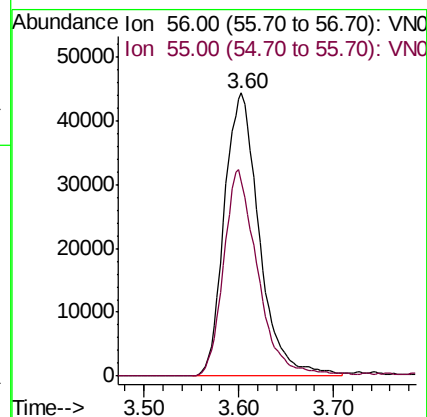
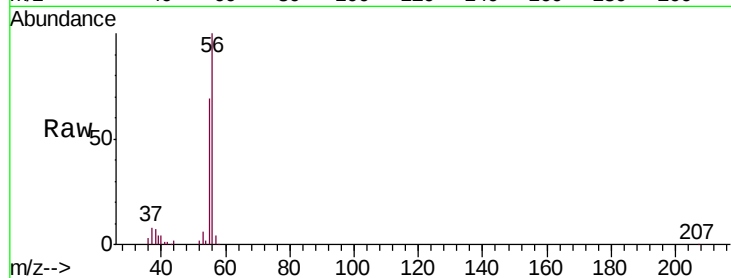
55 70.8 56.6 84.8

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#14

Allyl chloride

Concen: 20.817 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

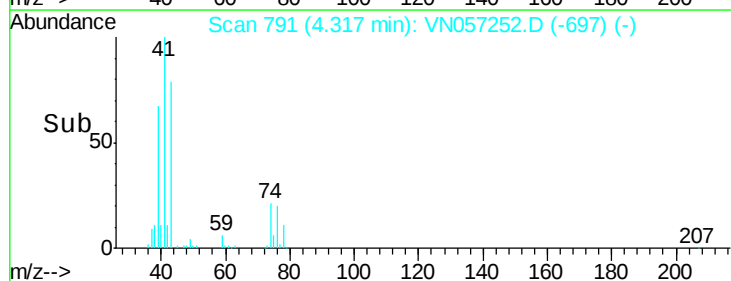
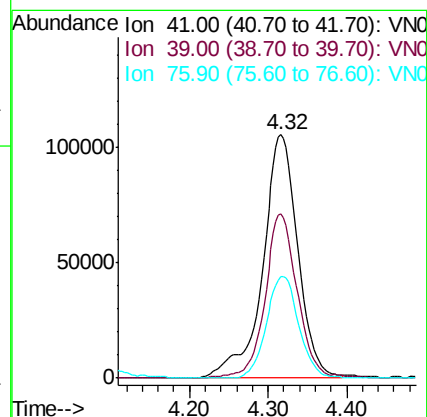
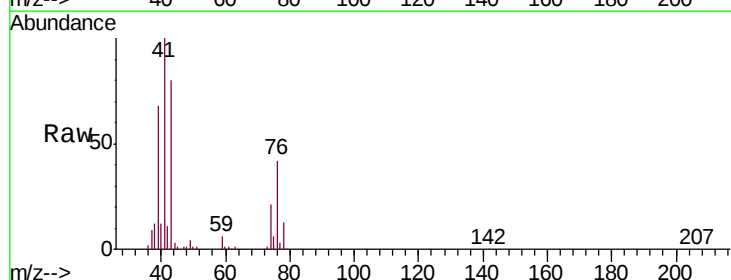
Tgt Ion: 41 Resp: 329871

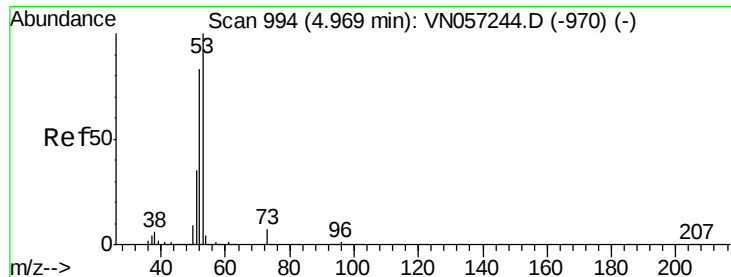
Ion Ratio Lower Upper

41 100

39 61.5 48.5 72.7

76 38.6 29.8 44.8





#15

Acrylonitrile

Concen: 110.865 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

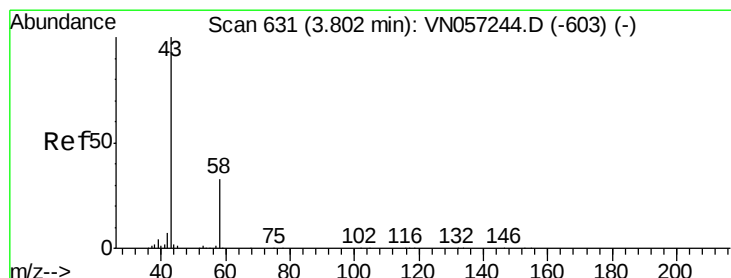
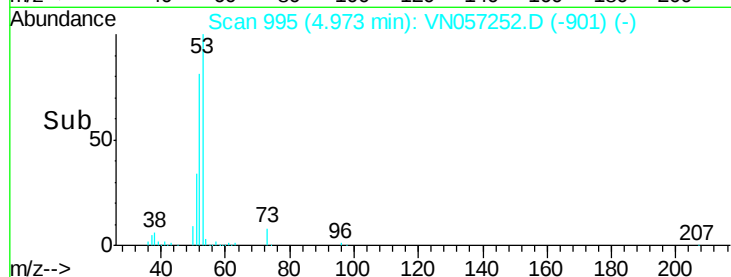
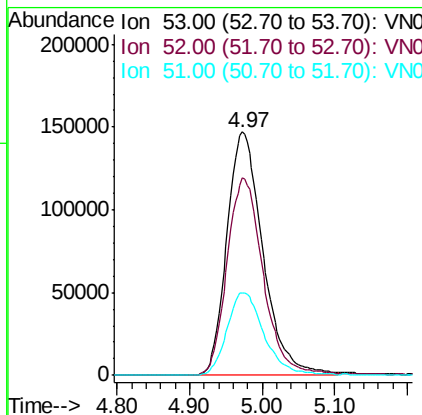
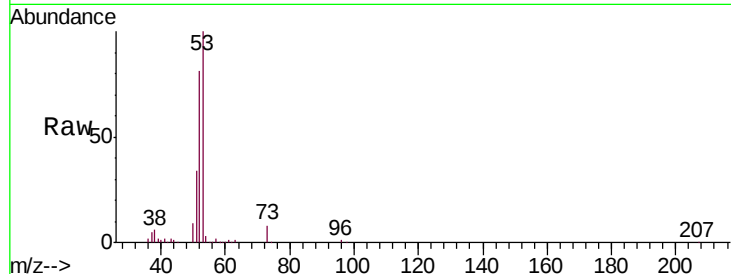
ClientSampleId :

VN0813WBS01

Tgt Ion:	53	Resp:	509359
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.9	98.9
51	34.8	27.8	41.6

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#16

Acetone

Concen: 98.181 ug/l

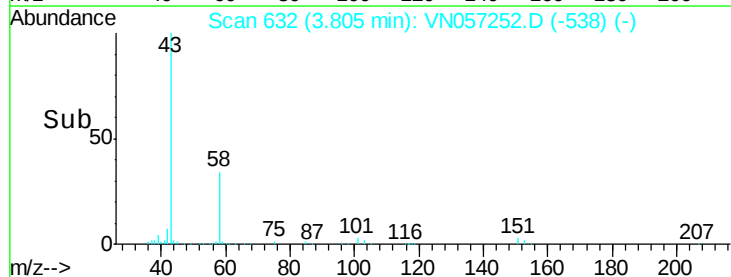
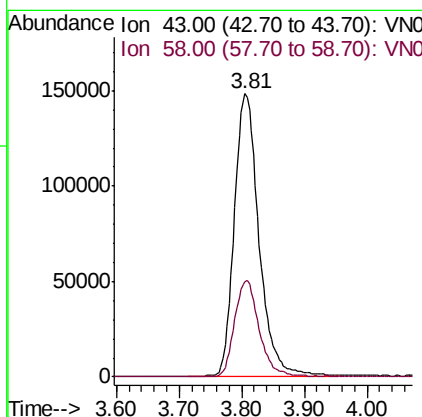
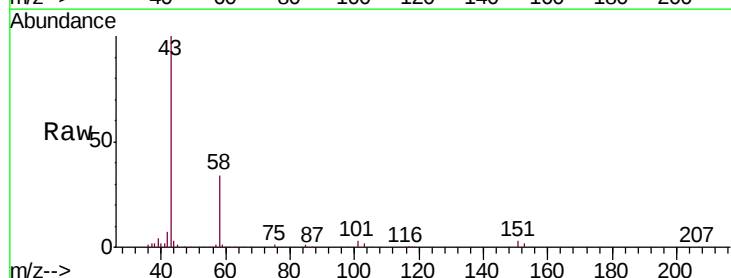
RT: 3.81 min Scan# 632

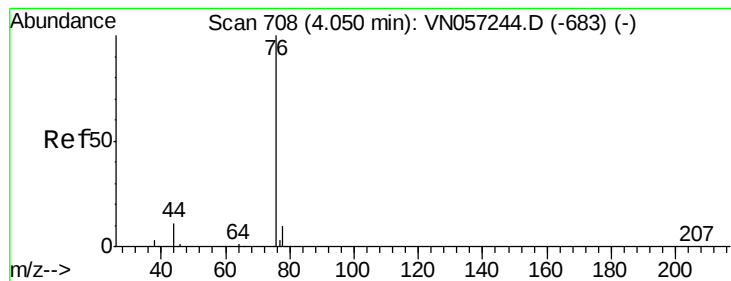
Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Tgt Ion:	43	Resp:	407621
Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.7	40.1





#17

Carbon Disulfide

Concen: 20.080 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion: 76 Resp: 573350

Ion Ratio Lower Upper

76 100

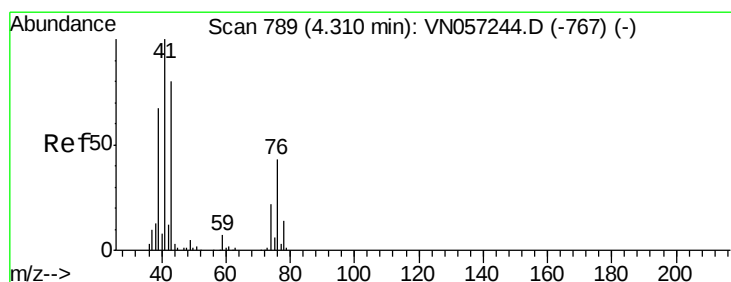
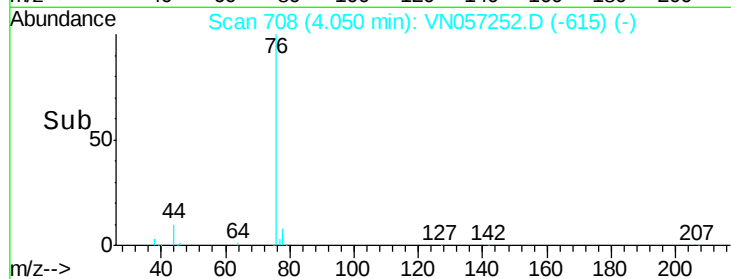
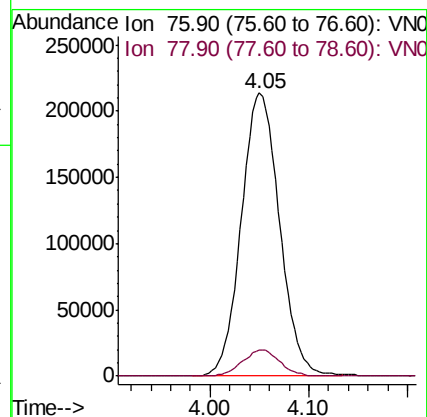
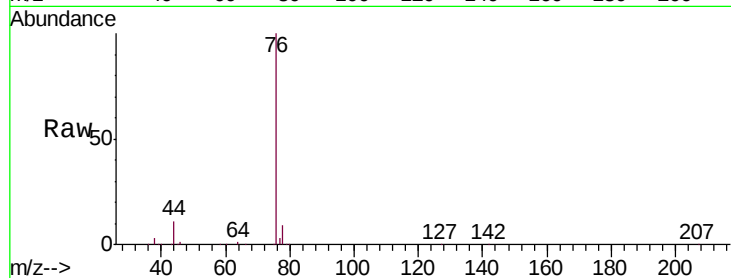
78 9.3 7.7 11.5

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#18

Methyl Acetate

Concen: 22.519 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057252.D

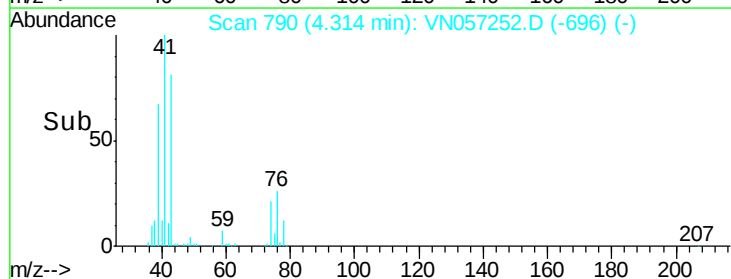
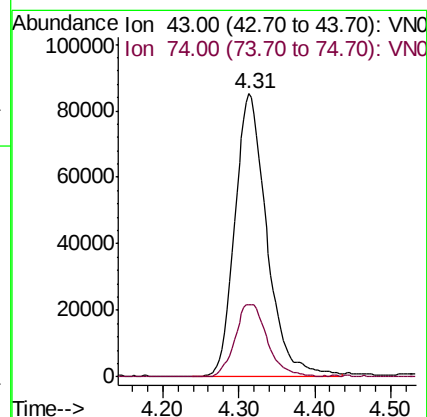
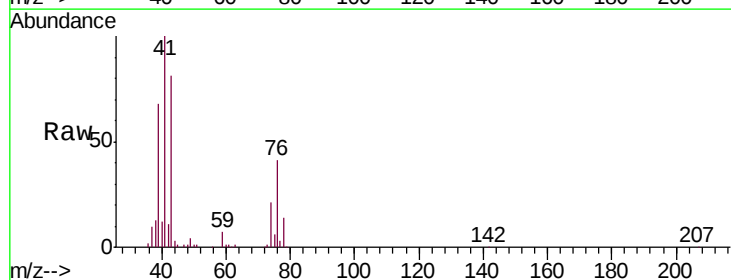
Acq: 13 Aug 2019 17:47

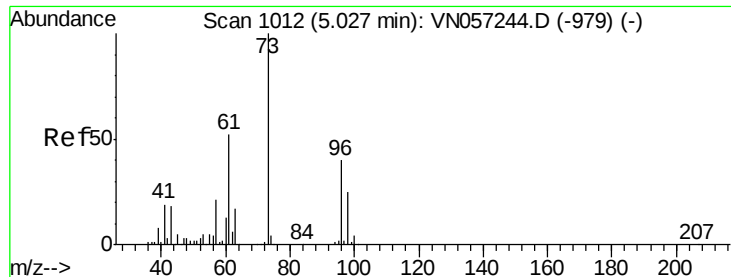
Tgt Ion: 43 Resp: 247859

Ion Ratio Lower Upper

43 100

74 26.1 20.6 31.0





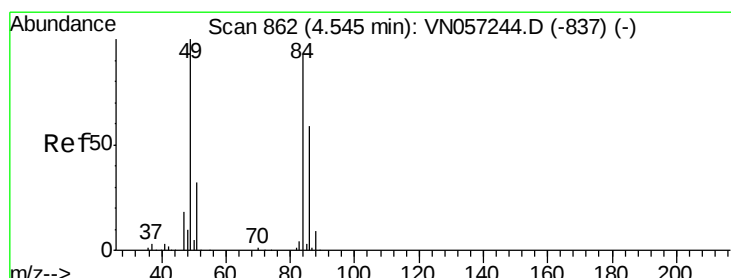
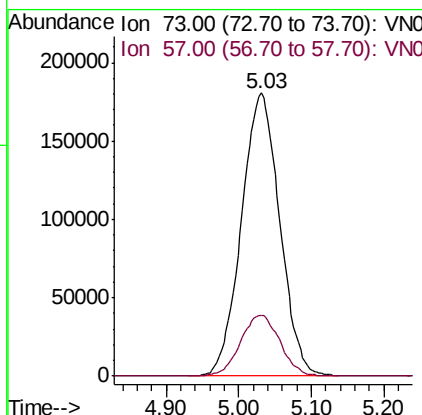
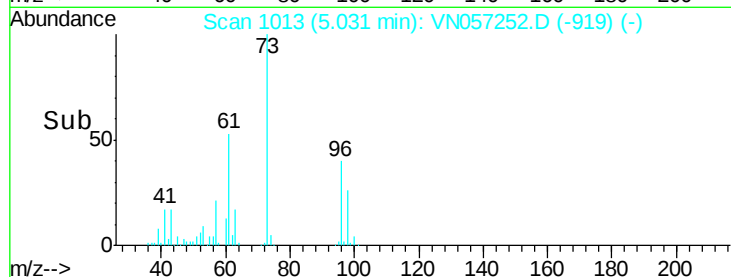
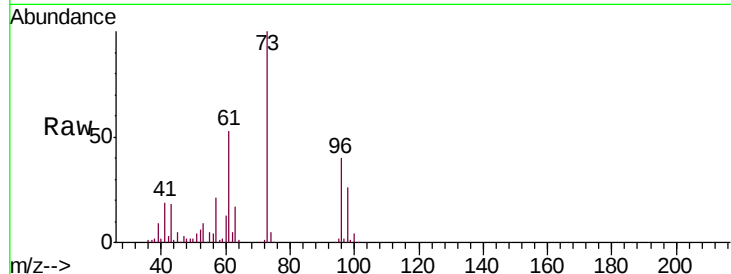
#19
Methyl tert-butyl Ether
Concen: 21.278 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion: 73 Resp: 663711
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7

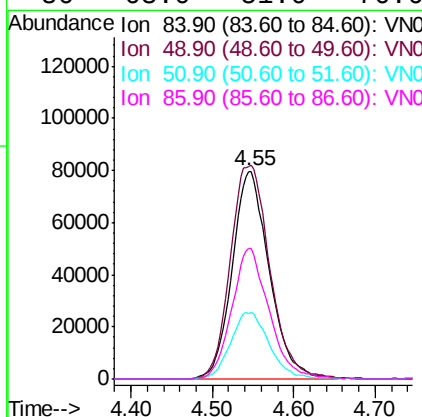
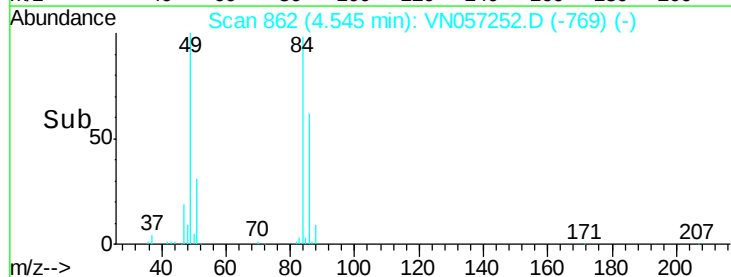
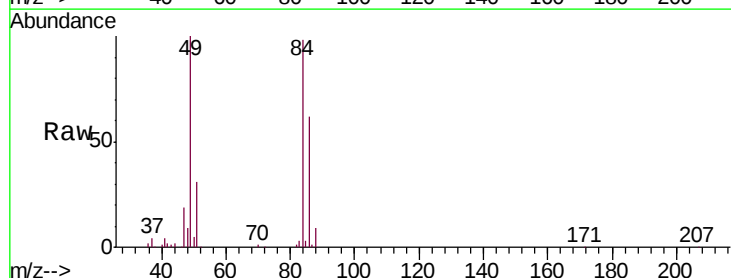
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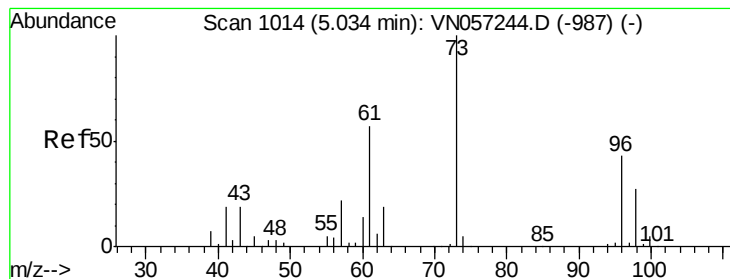
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#20
Methylene Chloride
Concen: 20.786 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion: 84 Resp: 252095
Ion Ratio Lower Upper
84 100
49 102.0 85.9 128.9
51 31.7 27.1 40.7
86 63.0 51.0 76.6





#21

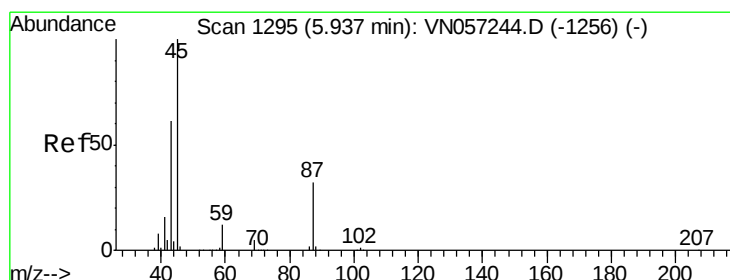
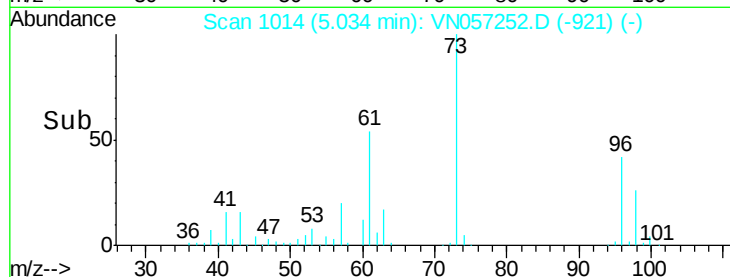
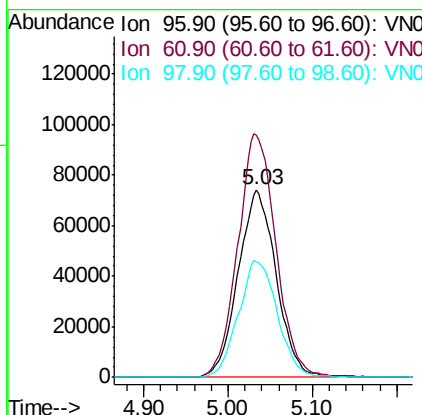
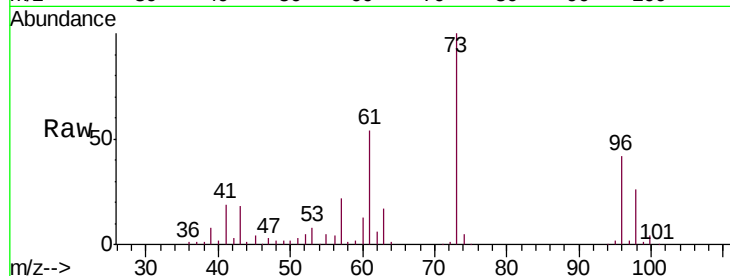
trans-1,2-Dichloroethene
Concen: 20.844 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.6	104.6	156.8
98	62.0	49.7	74.5

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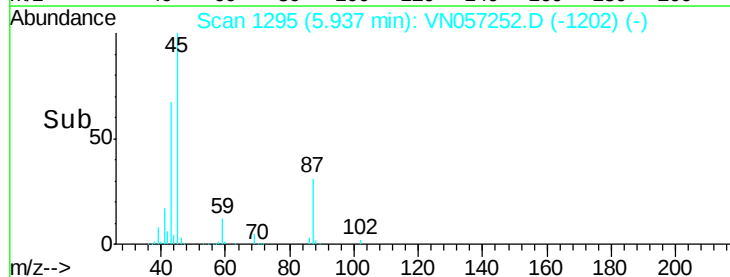
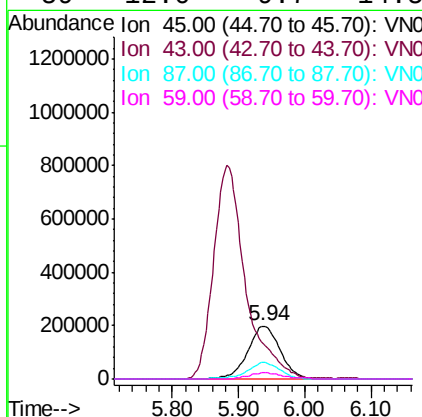
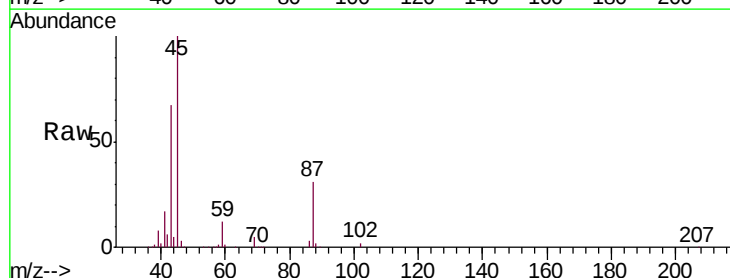
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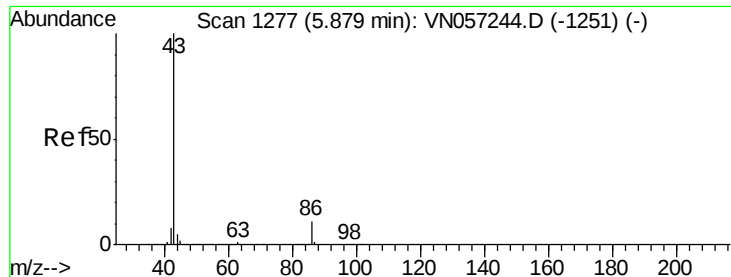


#22

Diisopropyl ether
Concen: 21.611 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.2	48.9	73.3
87	31.2	25.5	38.3
59	12.0	9.7	14.5





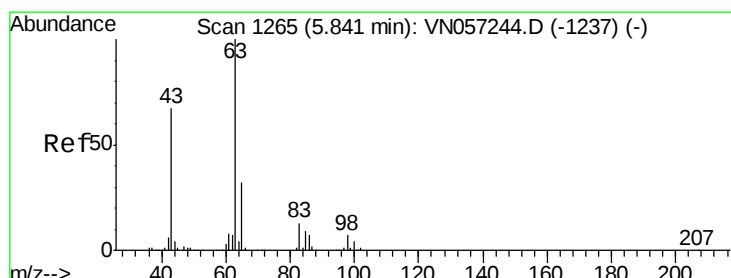
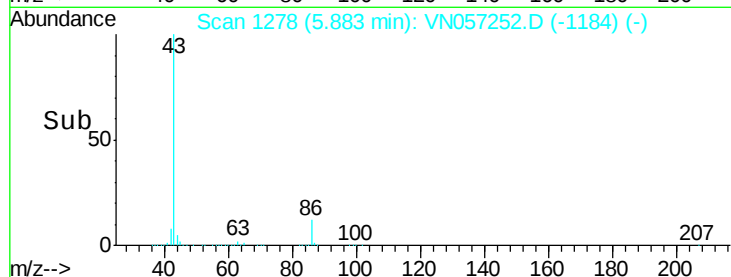
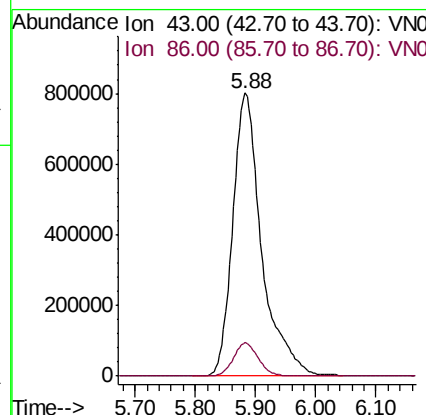
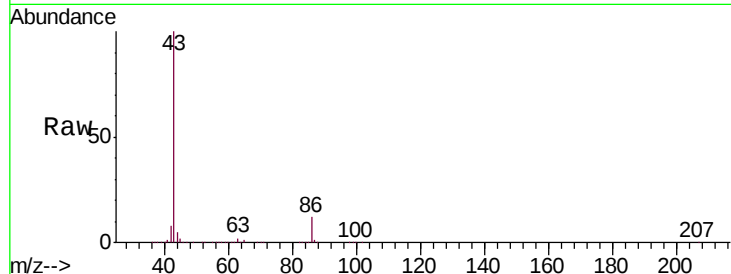
#23
 Vinyl Acetate
 Concen: 108.824 ug/l
 RT: 5.88 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion: 43 Resp: 2686832
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.2 13.8

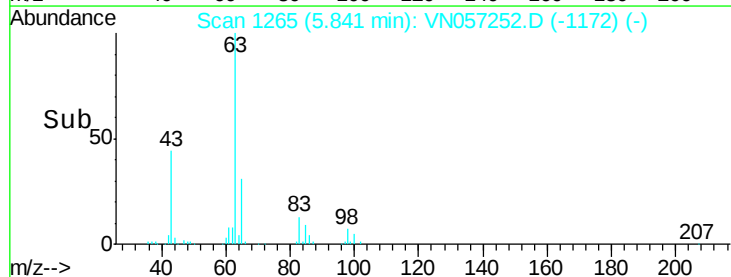
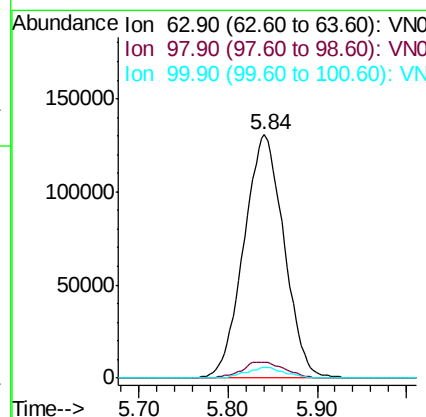
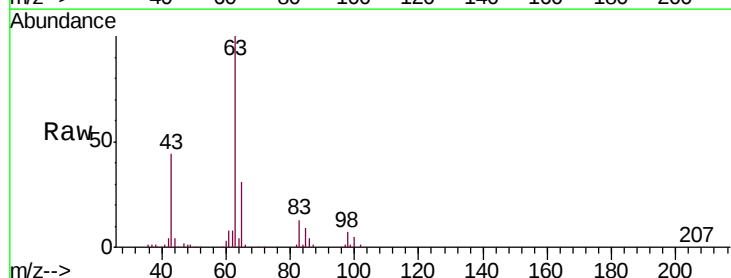
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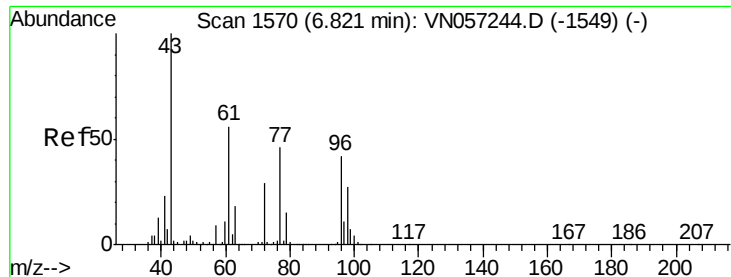
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#24
 1,1-Dichloroethane
 Concen: 20.878 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion: 63 Resp: 409825
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.6 2.1 6.2





#25

2-Butanone

Concen: 108.755 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion: 43 Resp: 641950

Ion Ratio Lower Upper

43 100

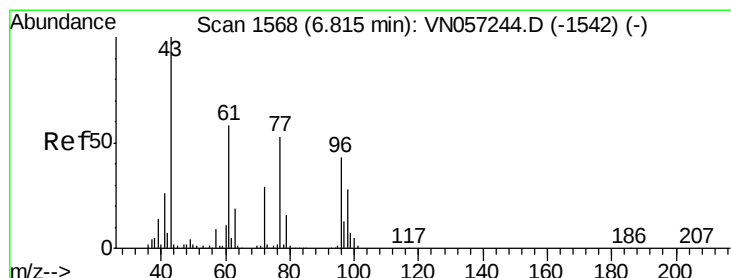
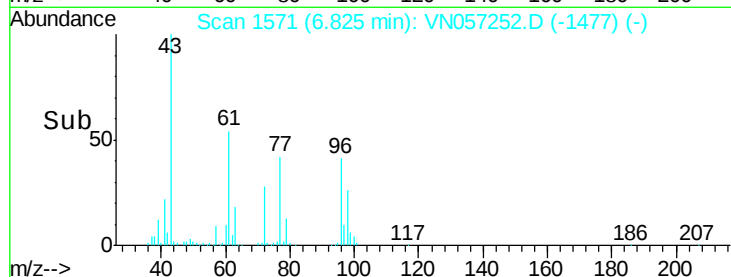
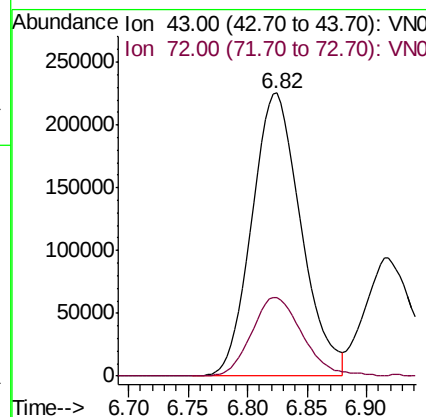
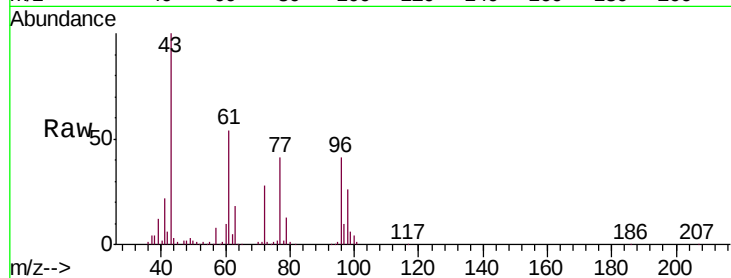
72 27.7 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 20.391 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057252.D

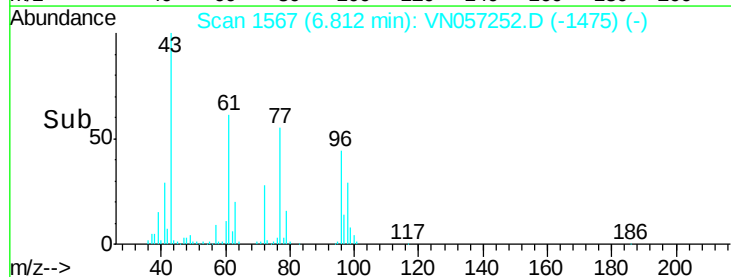
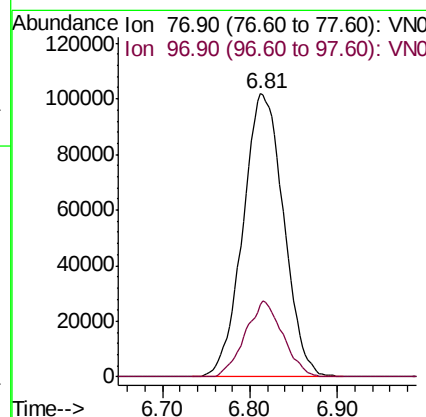
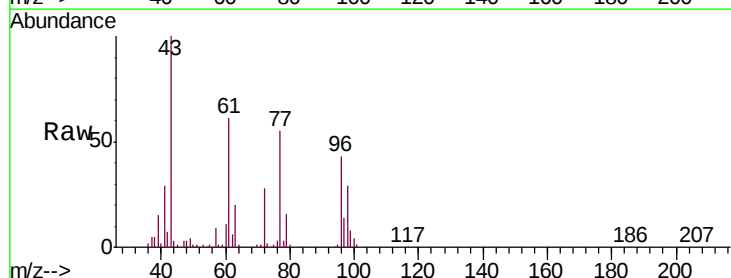
Acq: 13 Aug 2019 17:47

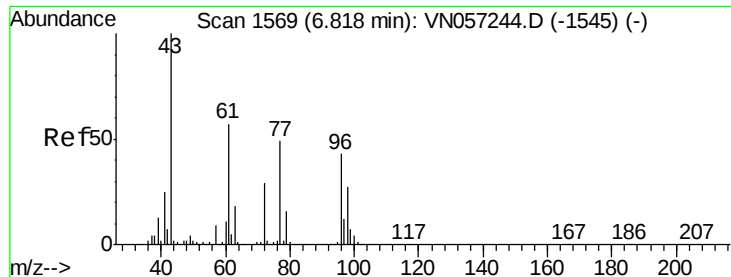
Tgt Ion: 77 Resp: 328402

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 21.120 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

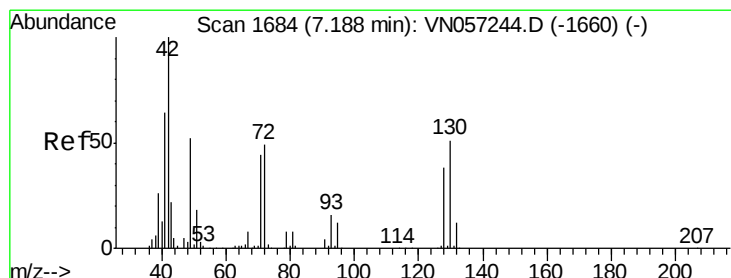
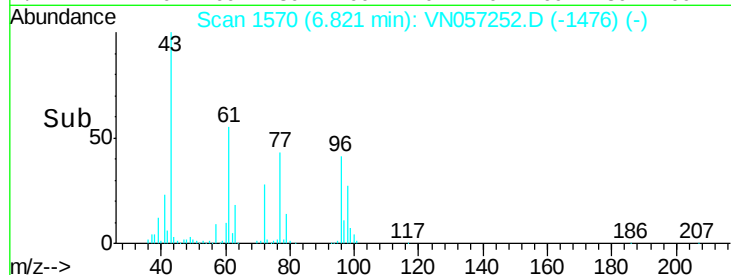
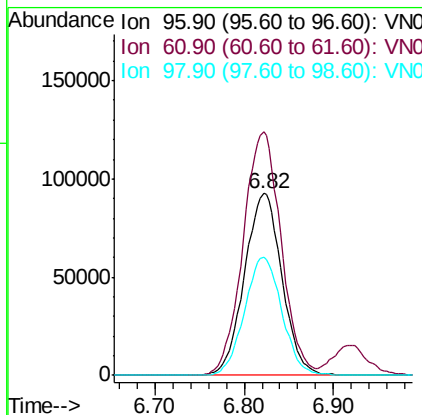
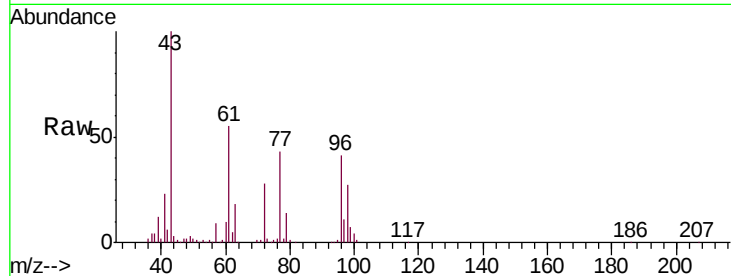
ClientSampleId :

VN0813WBS01

Tgt Ion:	96	Resp:	271210
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	271.0
98	64.7	0.0	129.2

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#28

Bromochloromethane

Concen: 21.611 ug/l

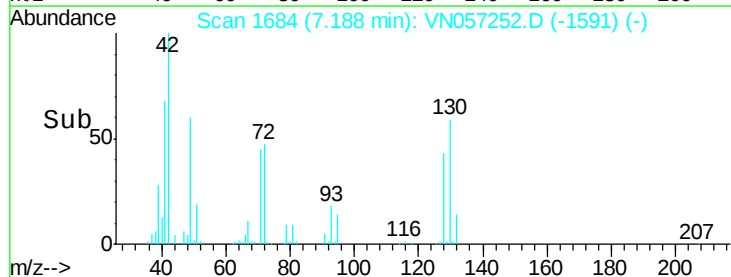
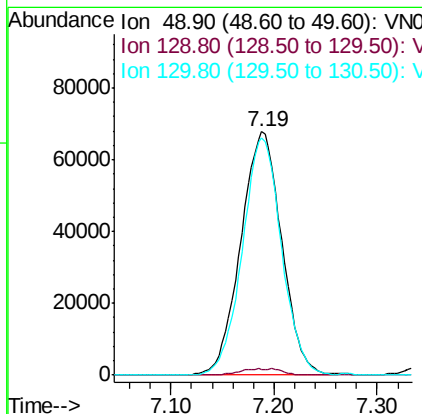
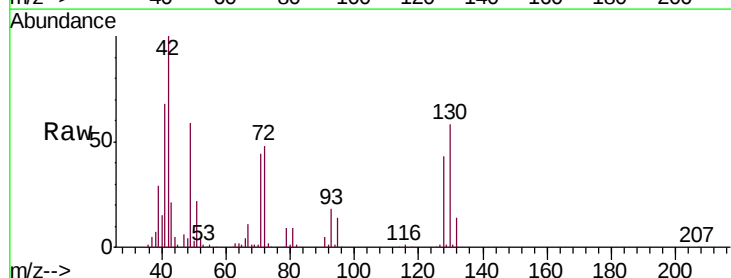
RT: 7.19 min Scan# 1684

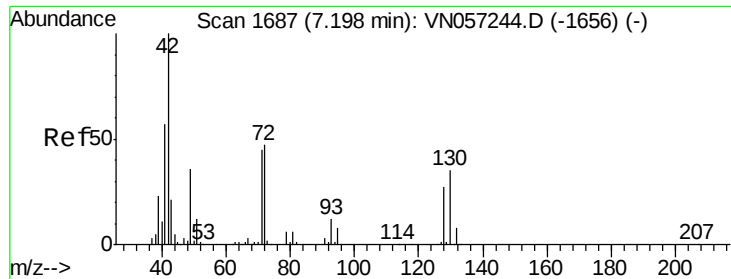
Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Tgt Ion:	49	Resp:	187192
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.0
130	93.1	75.6	113.4





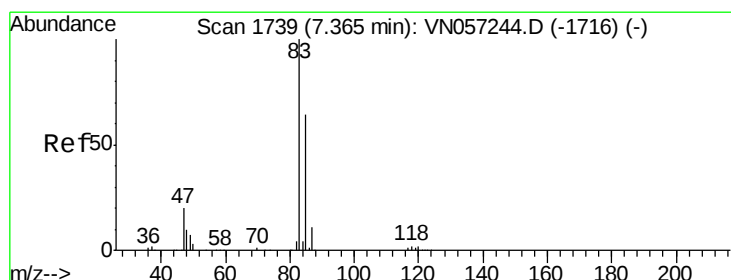
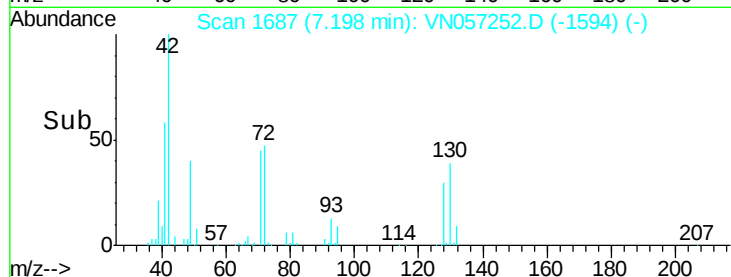
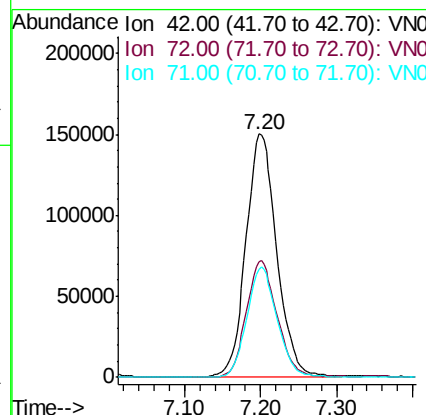
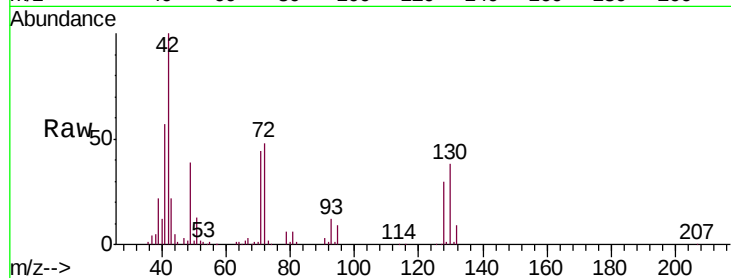
#29
Tetrahydrofuran
Concen: 112.644 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.6	56.4
71	44.2	35.6	53.4

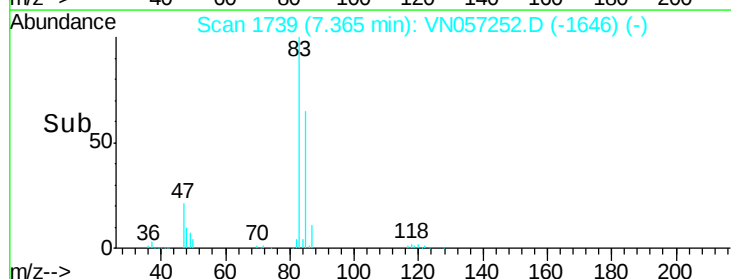
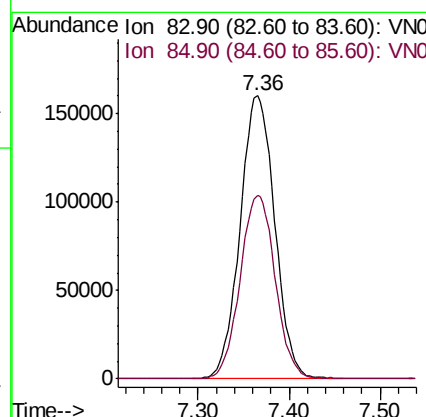
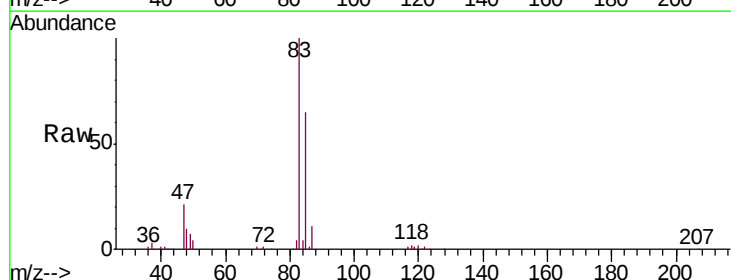
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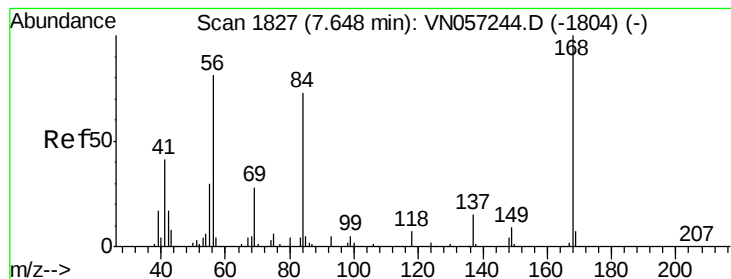
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#30
Chloroform
Concen: 20.686 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.3	76.9





#31

Cyclohexane

Concen: 21.016 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

VN0813WBS01

Tgt Ion: 56 Resp: 360544
Ion Ratio Lower Upper

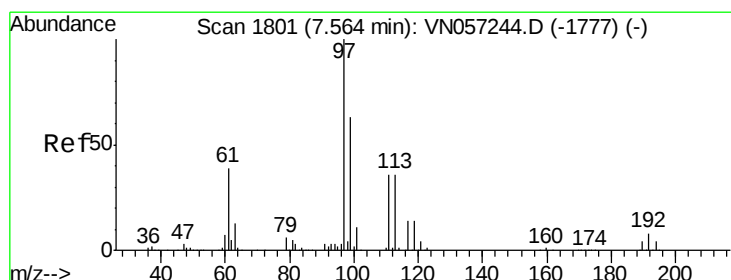
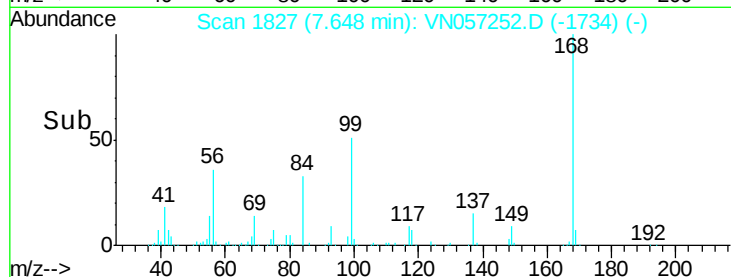
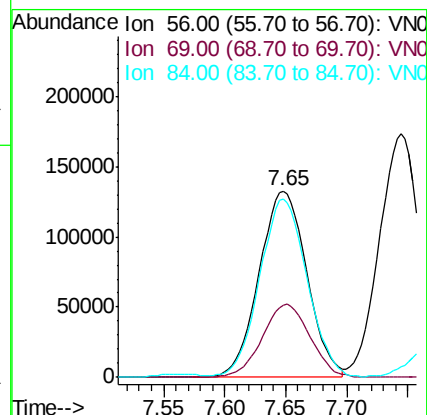
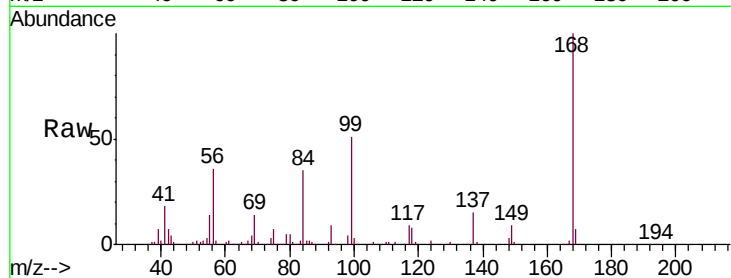
56 100

69 39.0 27.8 41.8

84 94.3 72.0 108.0

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#32

1,1,1-Trichloroethane

Concen: 21.306 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057252.D

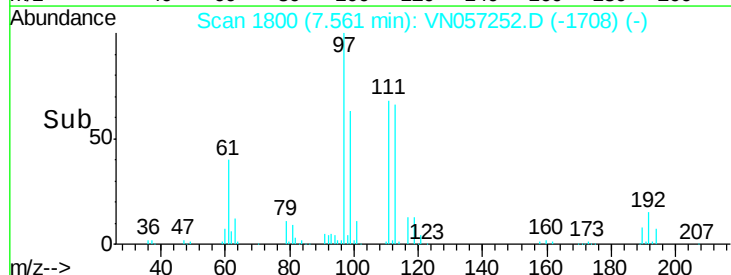
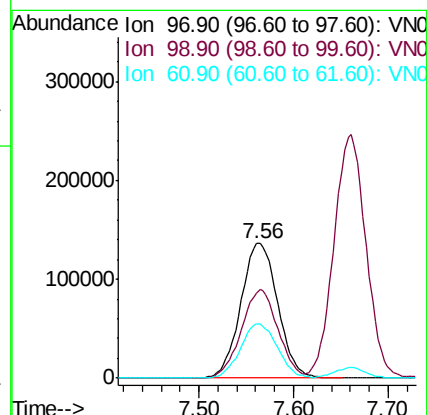
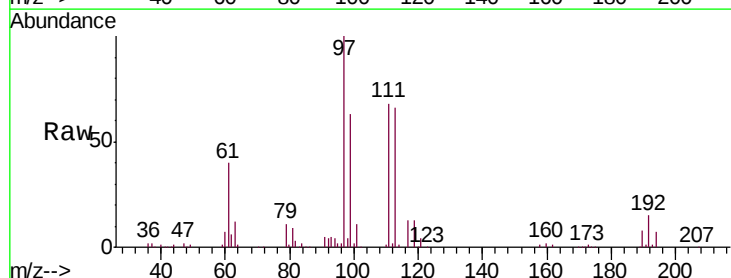
Acq: 13 Aug 2019 17:47

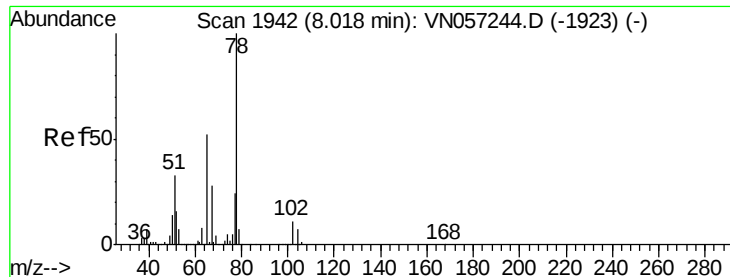
Tgt Ion: 97 Resp: 369549
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 40.3 32.1 48.1





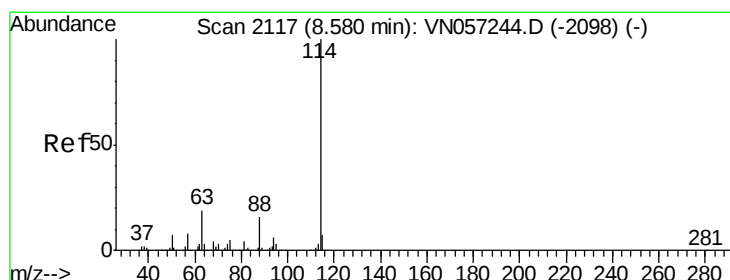
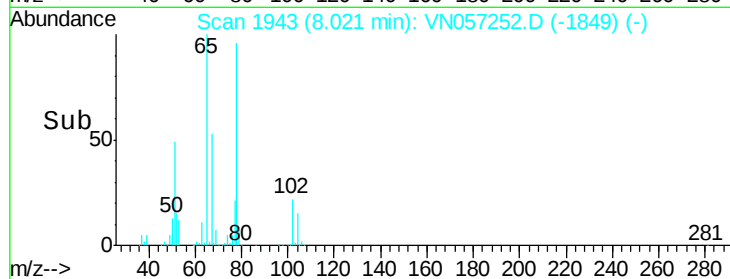
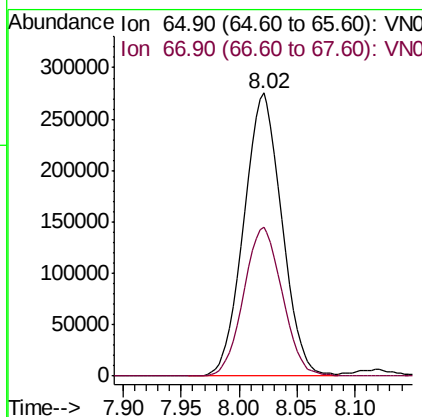
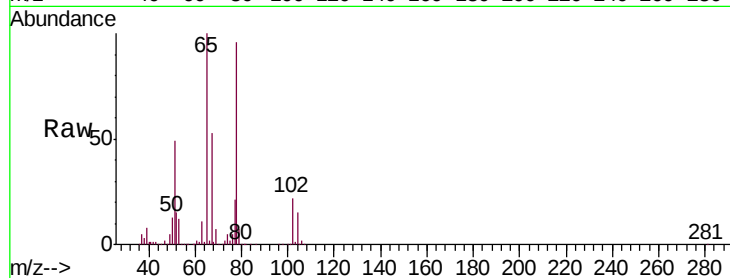
#33
 1,2-Dichloroethane-d4
 Concen: 52.081 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	630687		
67	53.3	0.0	107.0	

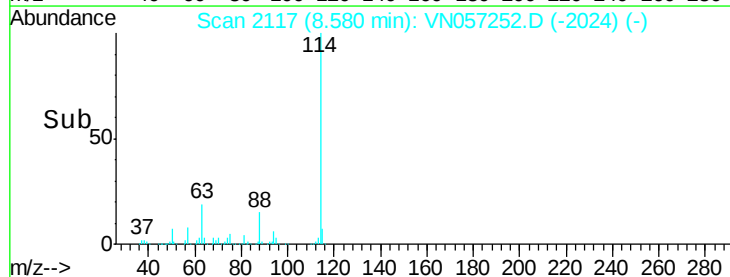
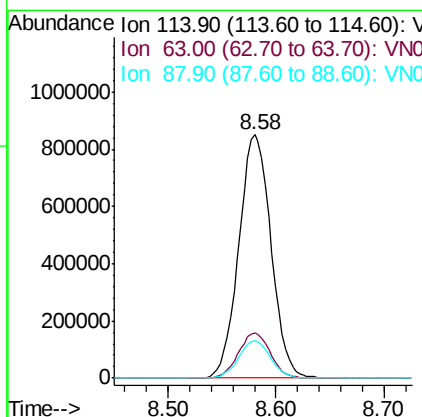
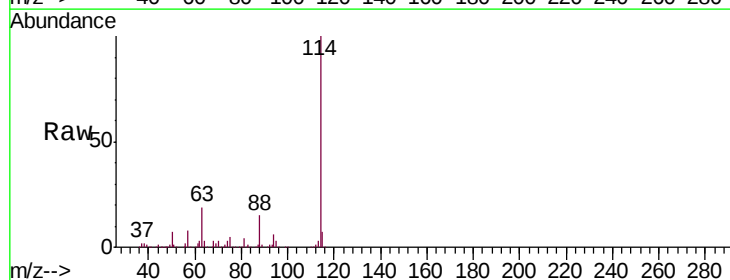
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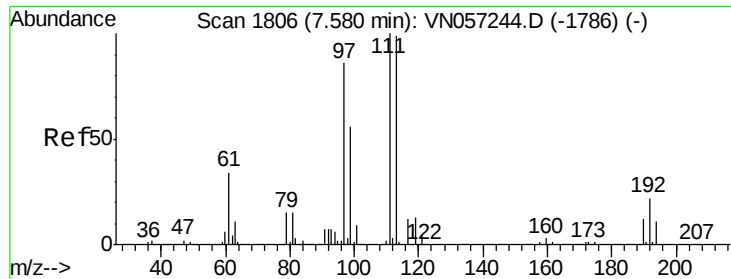
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1769639		
63	18.6	0.0	37.0	
88	15.3	0.0	31.0	





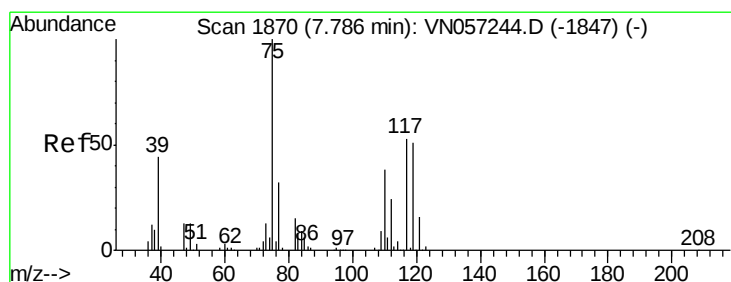
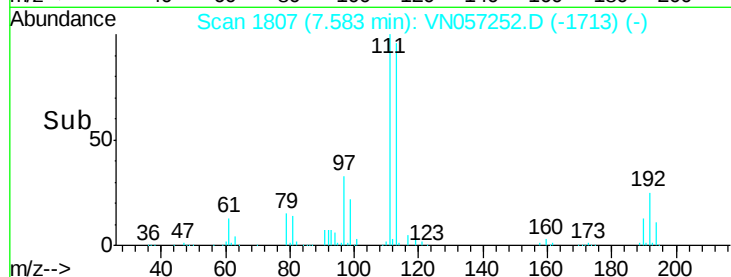
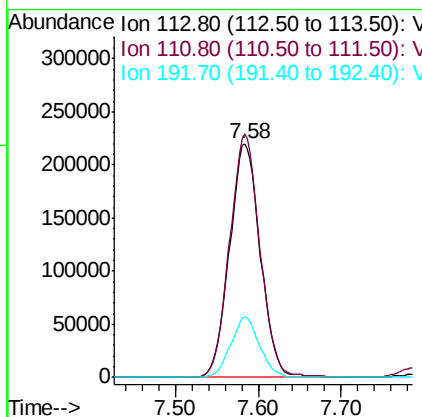
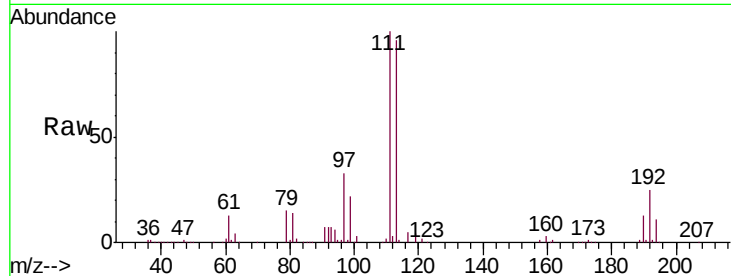
#35
 Dibromofluoromethane
 Concen: 50.154 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	566714		
111	102.8	81.4	122.2	
192	24.2	18.8	28.2	

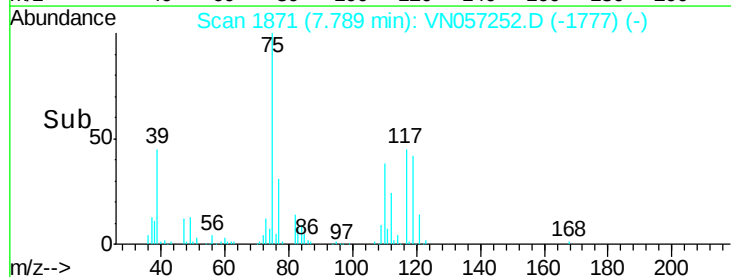
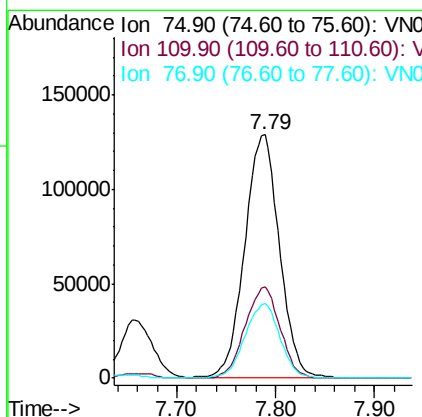
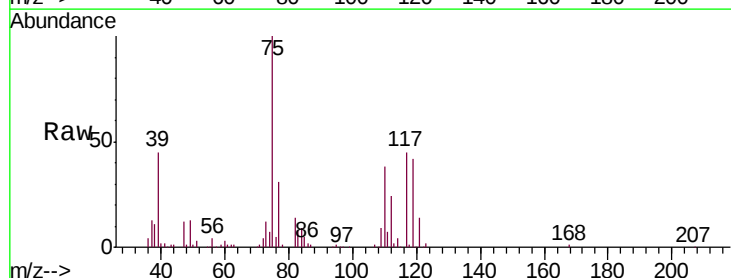
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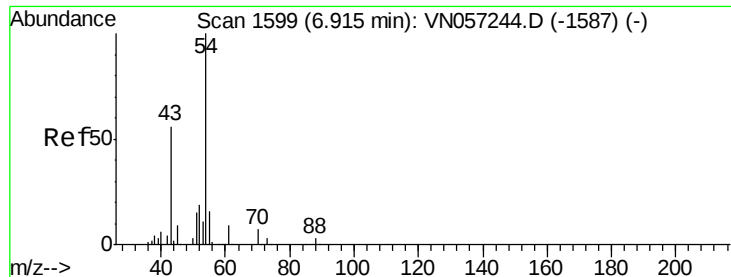
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#36
 1,1-Dichloropropene
 Concen: 20.109 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	311121		
110	37.8	19.1	57.1	
77	31.3	25.2	37.8	





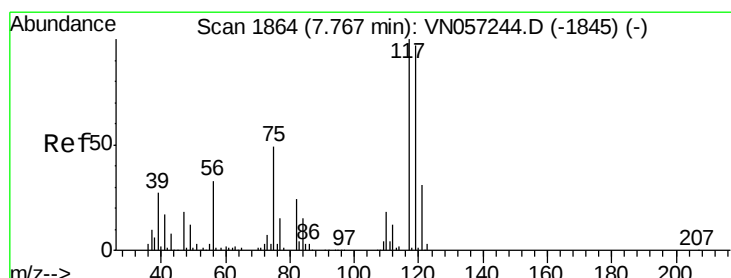
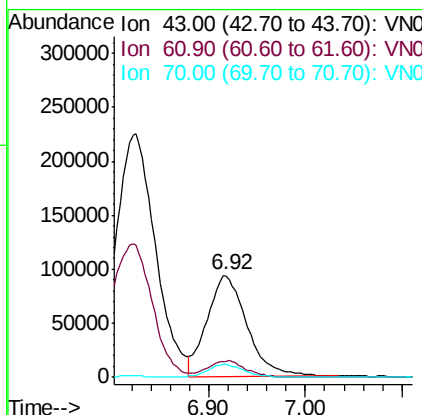
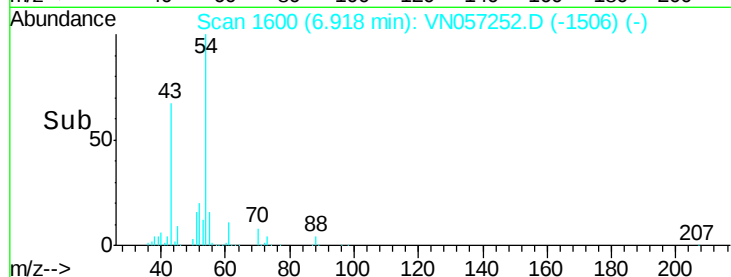
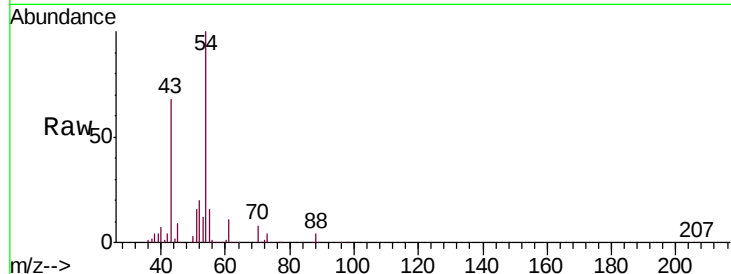
#37
Ethyl Acetate
Concen: 21.604 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampled :
VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.7	19.1
70	11.8	9.0	13.4

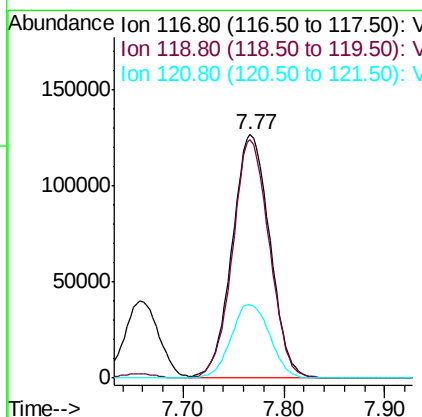
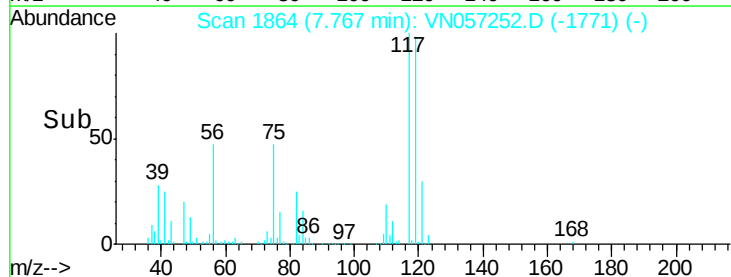
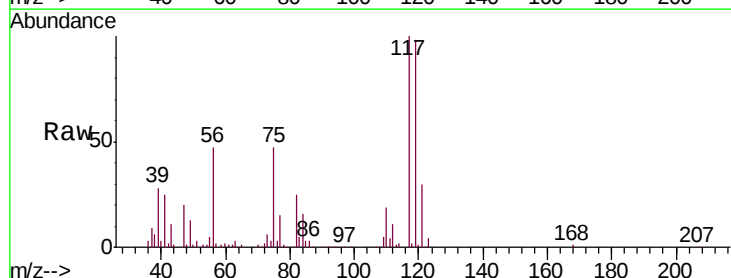
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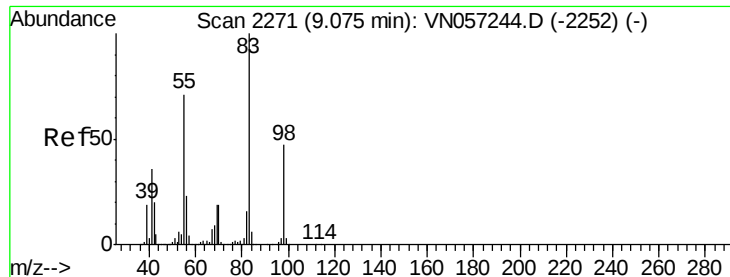
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#38
Carbon Tetrachloride
Concen: 19.975 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.8	116.6
121	29.9	24.9	37.3





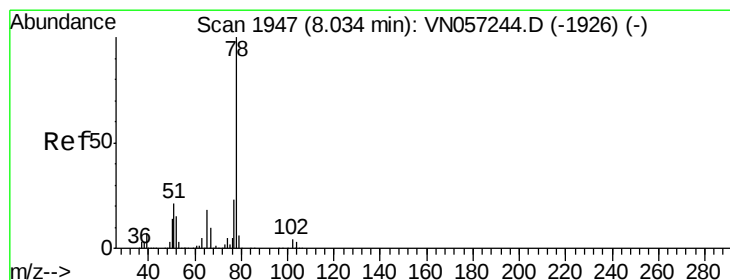
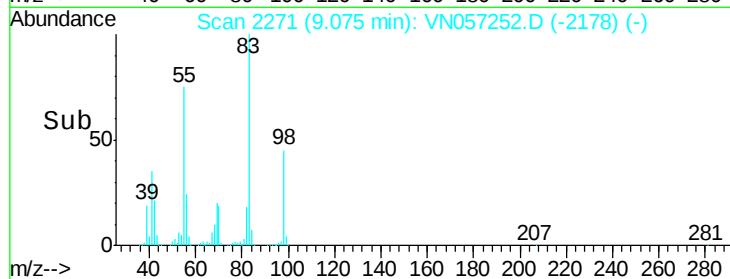
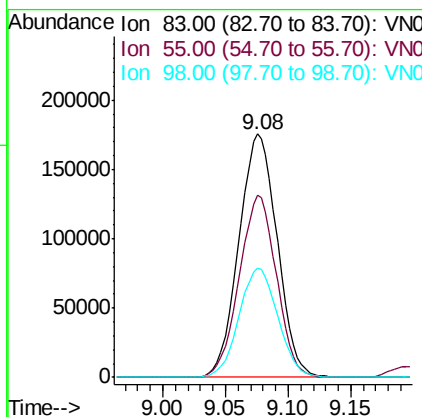
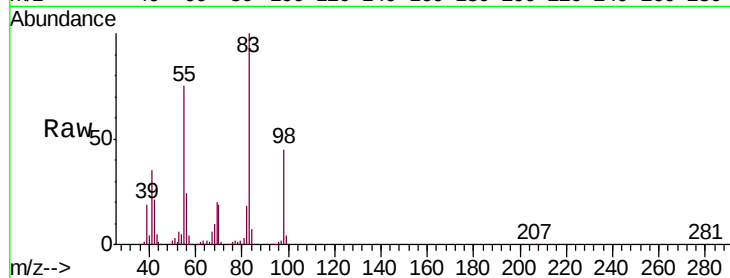
#39
Methylcyclohexane
Concen: 20.378 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.9	57.0	85.4
98	45.0	37.2	55.8

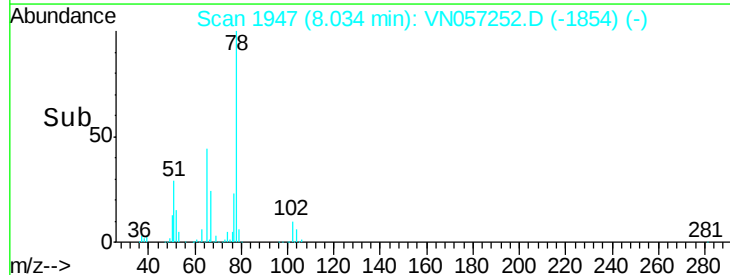
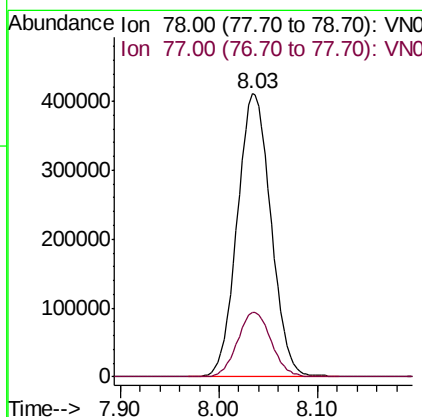
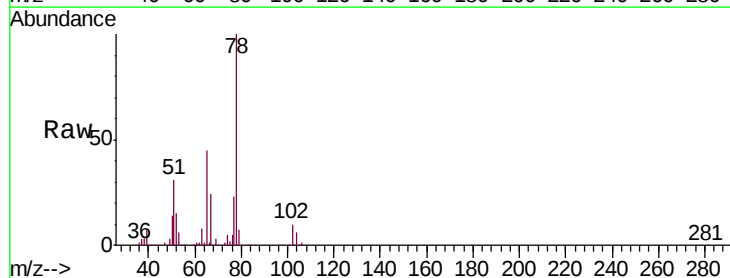
Manual Integrations
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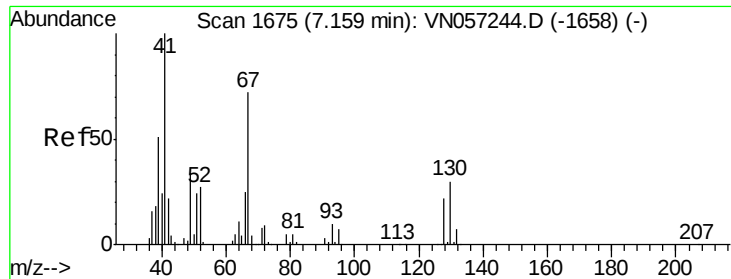
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#40
Benzene
Concen: 20.698 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.4





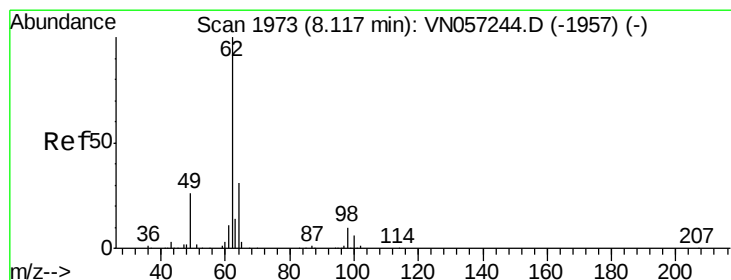
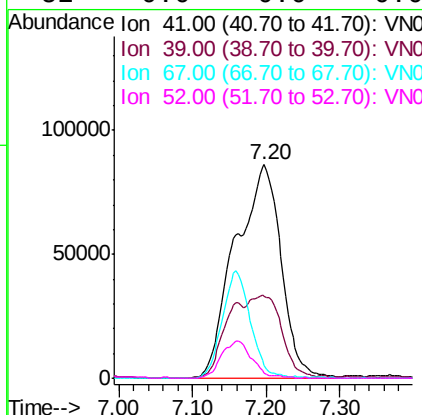
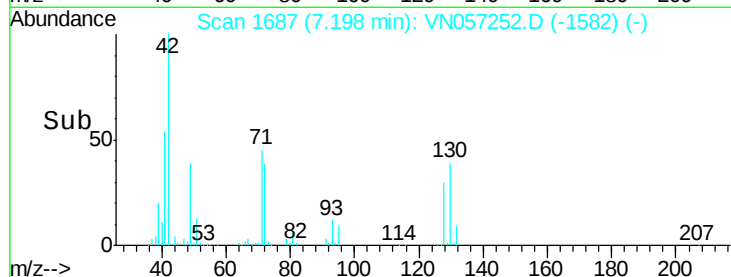
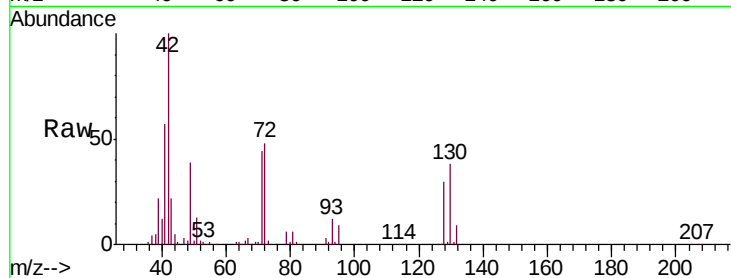
#41
Methacrylonitrile
Concen: 71.638 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

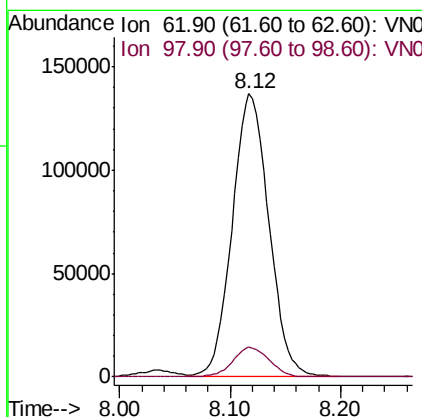
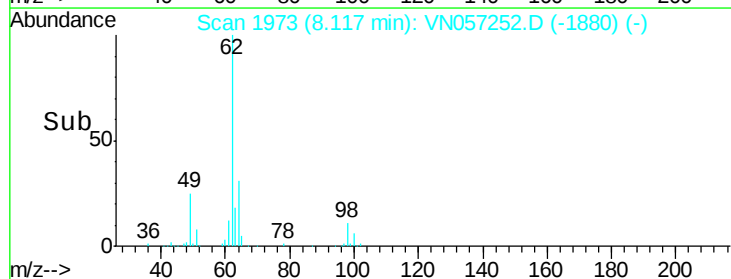
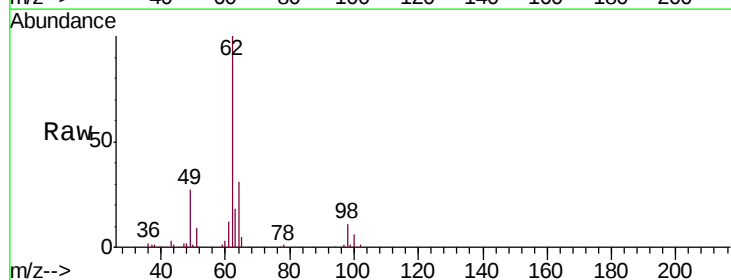
Manual Integrations
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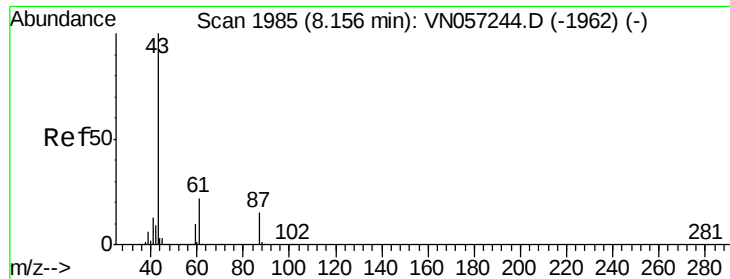
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.870 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
62	100		
98	10.4	0.0	20.0





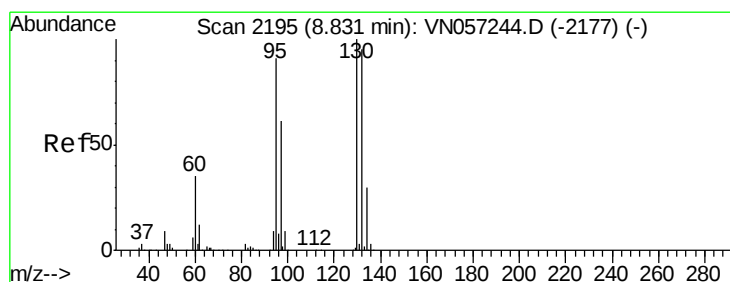
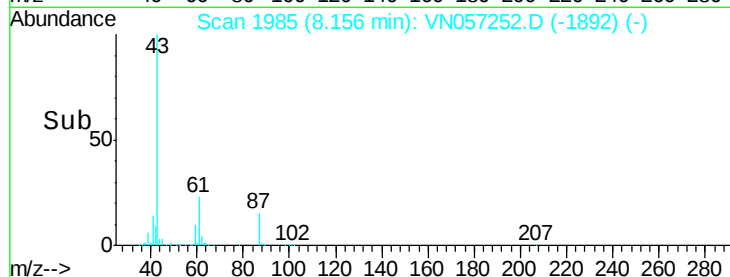
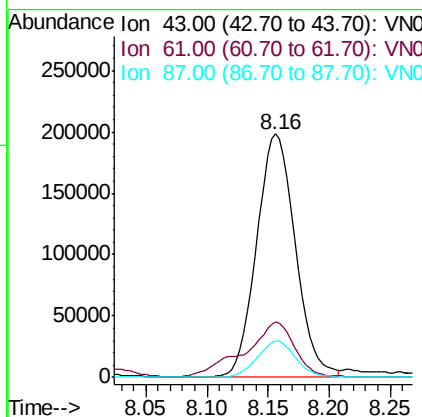
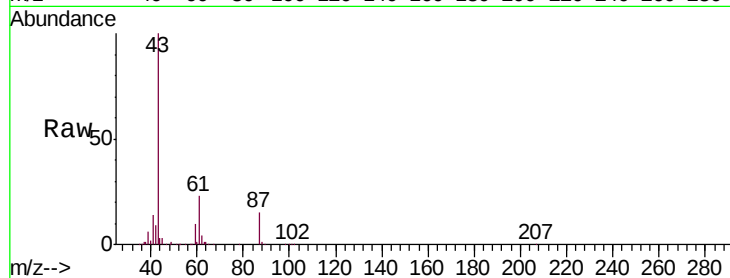
#43
Isopropyl Acetate
Concen: 21.307 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.5	35.3
87	14.9	12.1	18.1

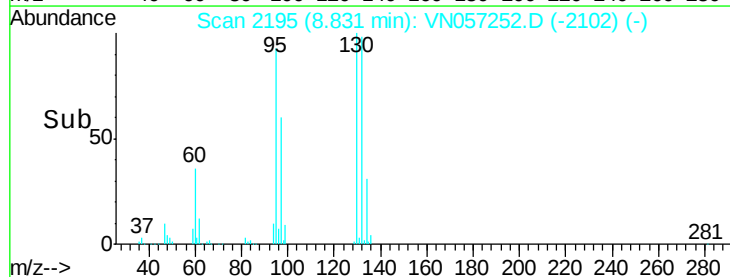
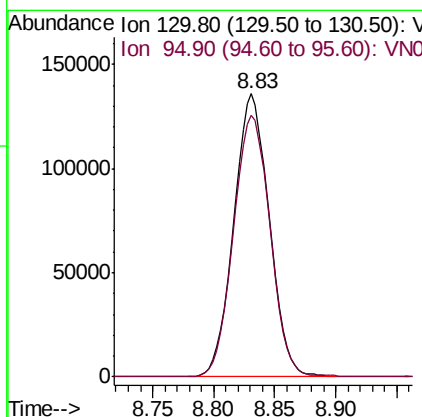
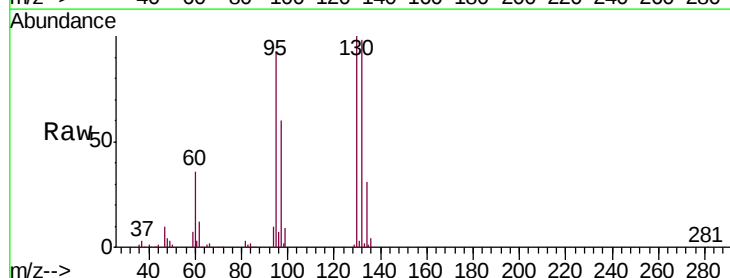
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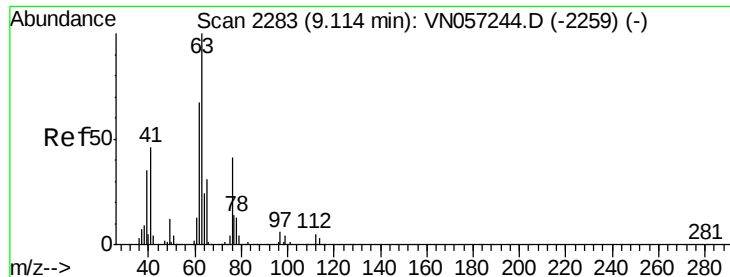
MMDadoda
8/22/2019 9:48:56 AM



#44
Trichloroethene
Concen: 20.087 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	181.8





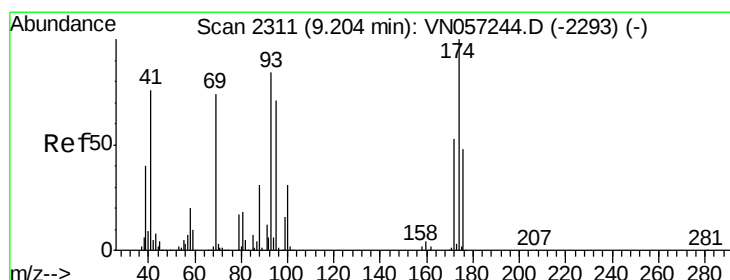
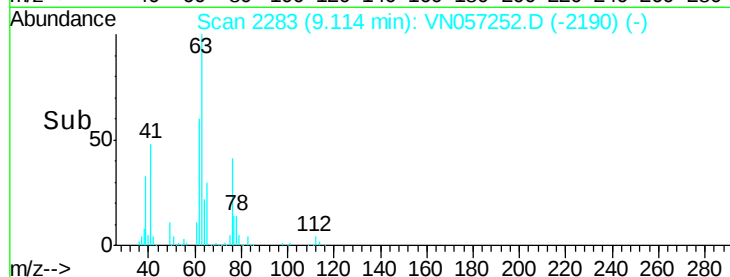
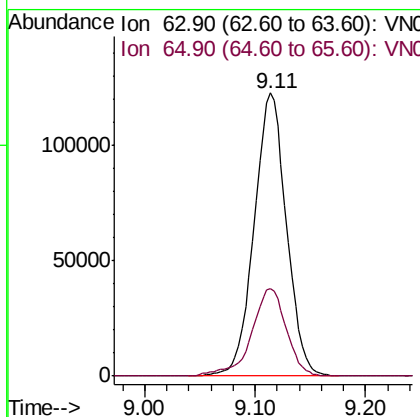
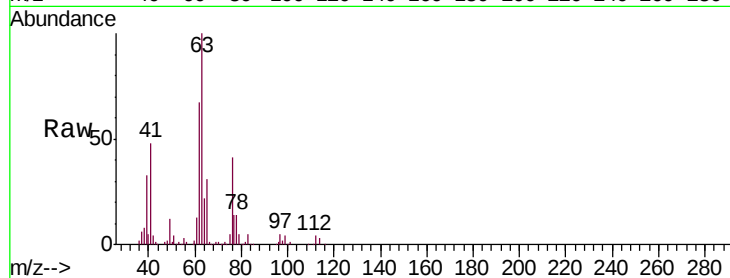
#45
 1,2-Dichloropropane
 Concen: 20.887 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	248712		
65	30.8	25.0	37.4	

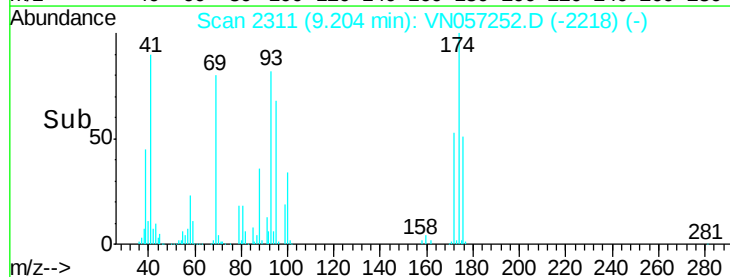
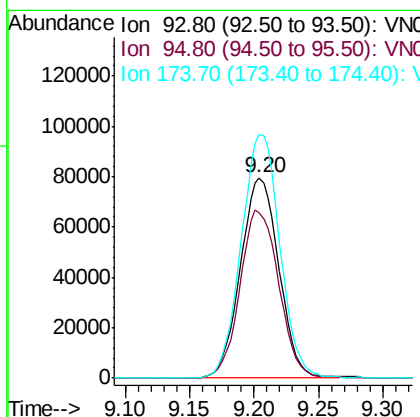
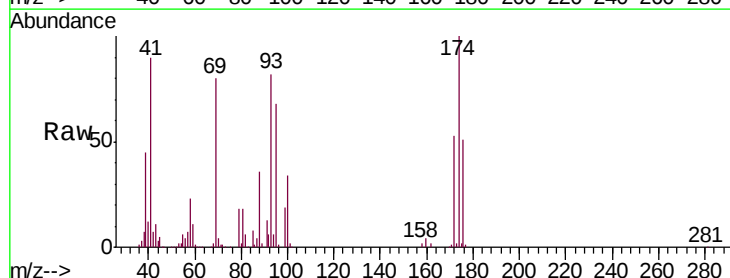
Manual Integrations
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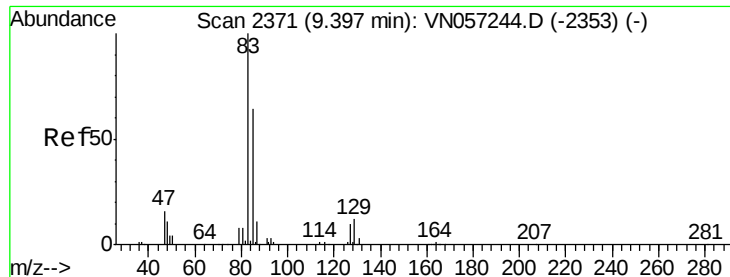
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 8/22/2019 9:48:56 AM



#46
 Dibromomethane
 Concen: 20.586 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	165282		
95	84.5	67.0	100.4	
174	122.4	96.2	144.2	





#47

Bromodichloromethane

Concen: 20.940 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

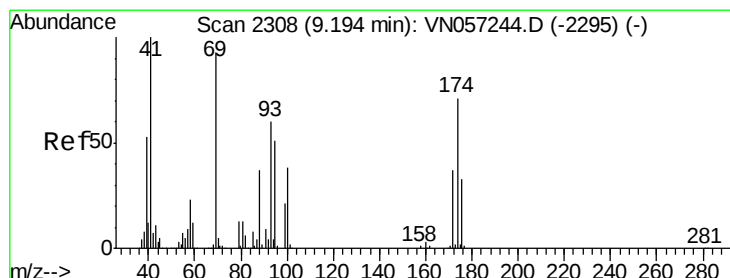
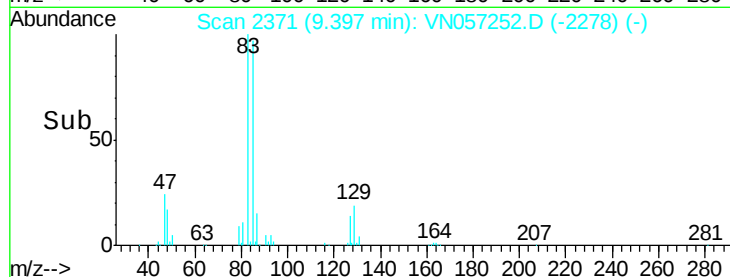
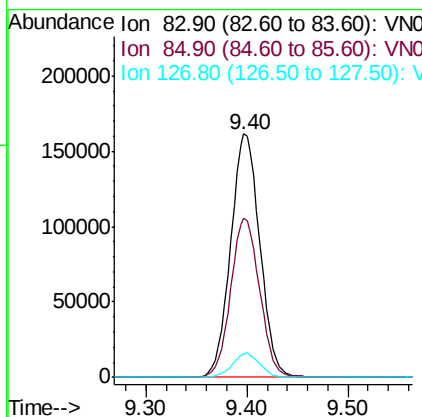
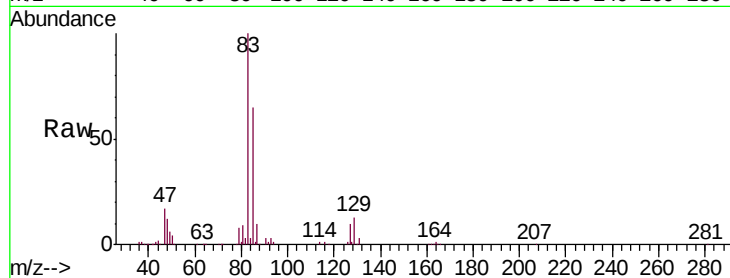
ClientSampleId :

VN0813WBS01

Tgt Ion:	83	Resp:	324131
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.4	77.0
127	9.6	7.7	11.5

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#48

Methyl methacrylate

Concen: 21.788 ug/l

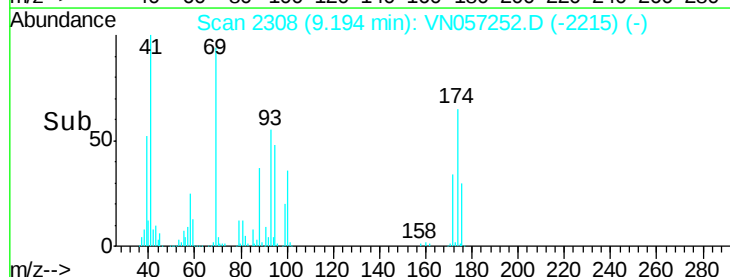
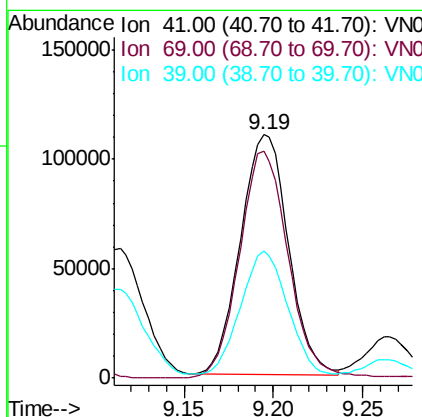
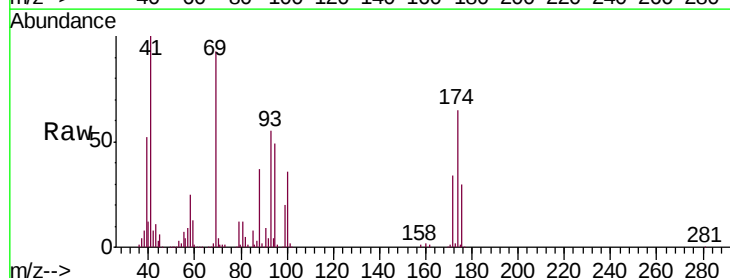
RT: 9.19 min Scan# 2308

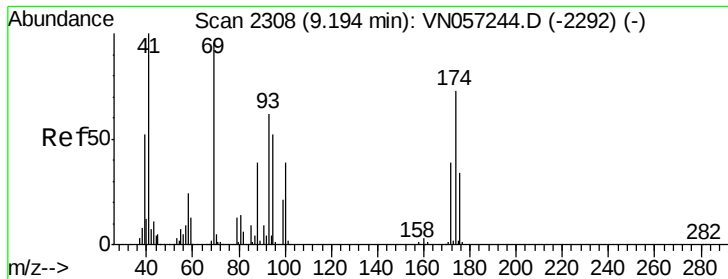
Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Tgt Ion:	41	Resp:	206474
Ion Ratio	Lower	Upper	
41	100		
69	96.8	75.7	113.5
39	53.3	43.3	64.9





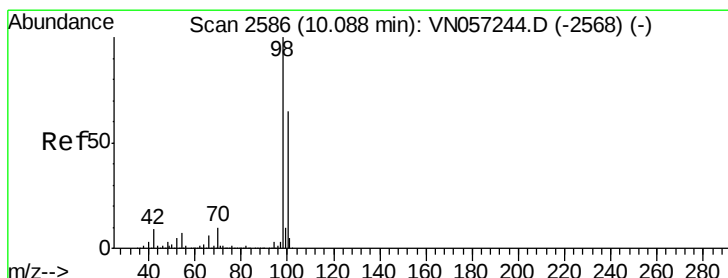
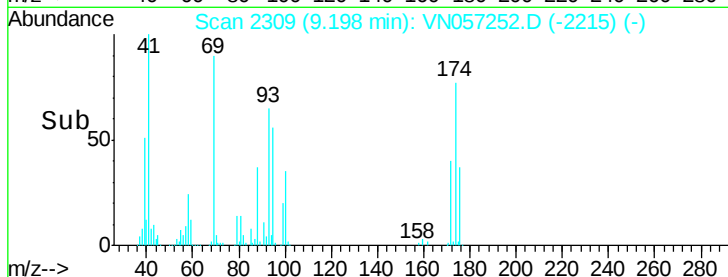
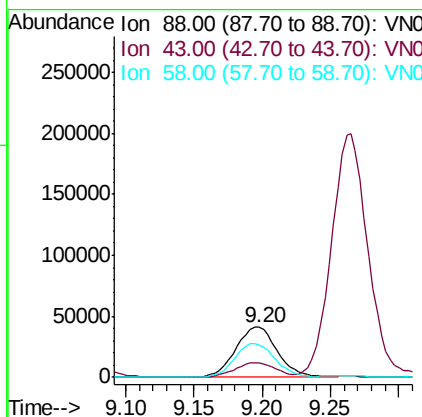
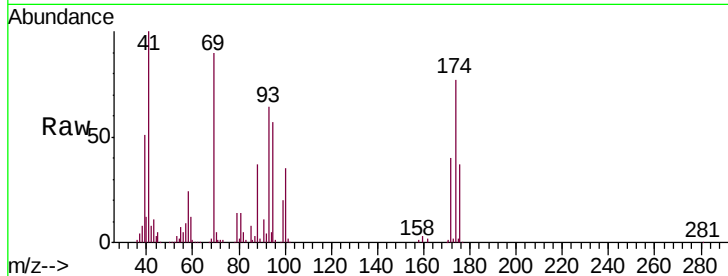
#49
1,4-Dioxane
Concen: 413.344 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.2	20.7	31.1
58	65.1	52.0	78.0

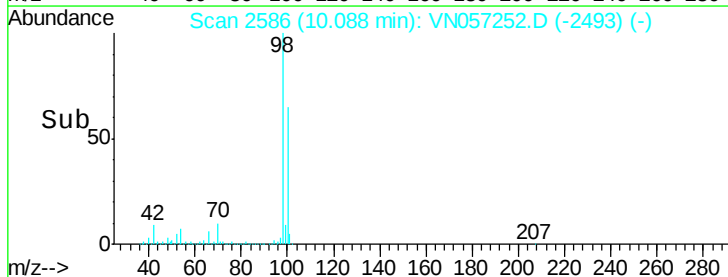
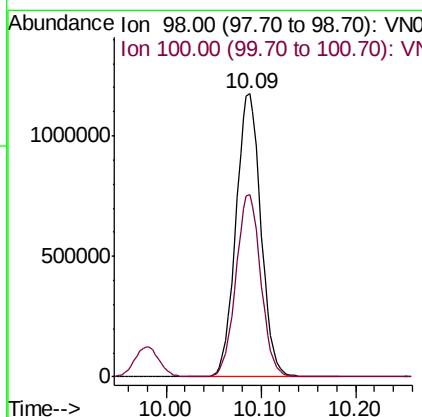
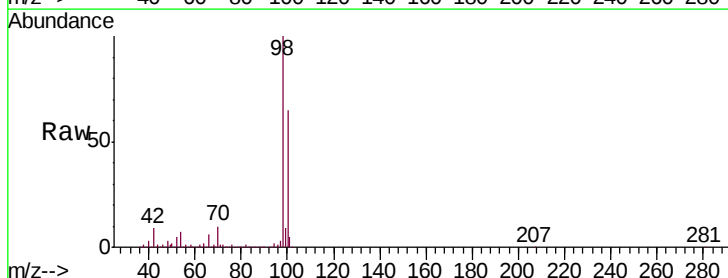
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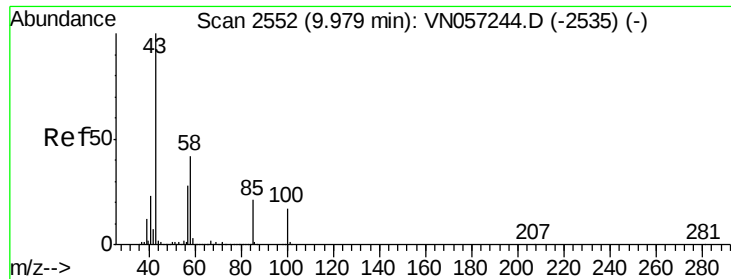
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#50
Toluene-d8
Concen: 52.110 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6





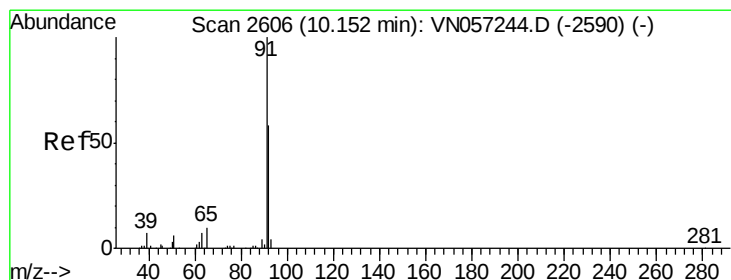
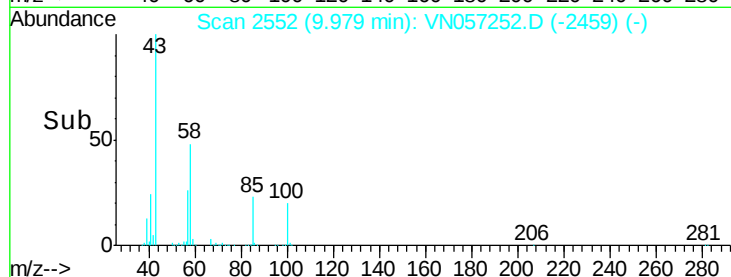
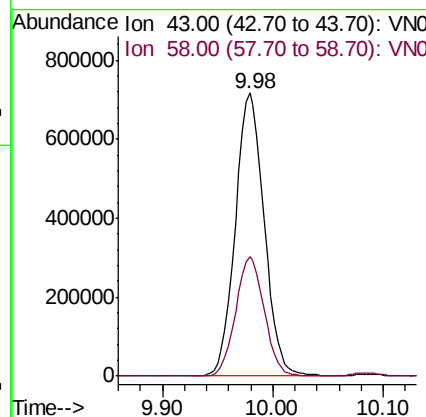
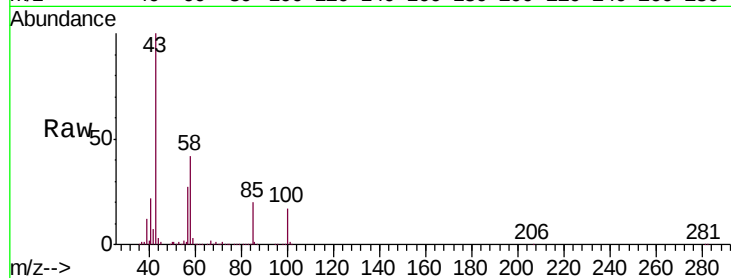
#51
4-Methyl-2-Pentanone
Concen: 107.940 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion: 43 Resp: 1298084
Ion Ratio Lower Upper
43 100
58 41.9 33.7 50.5

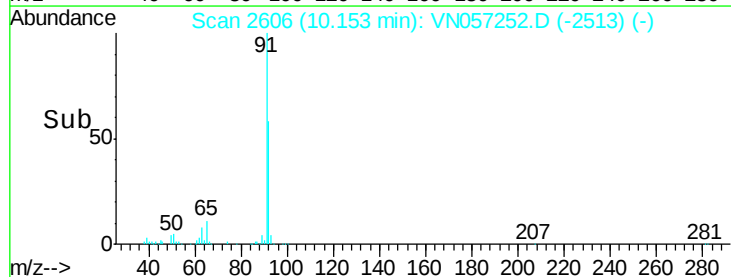
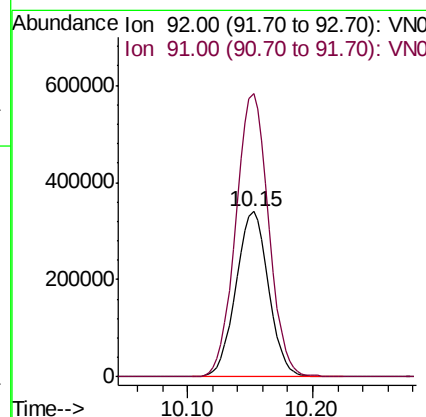
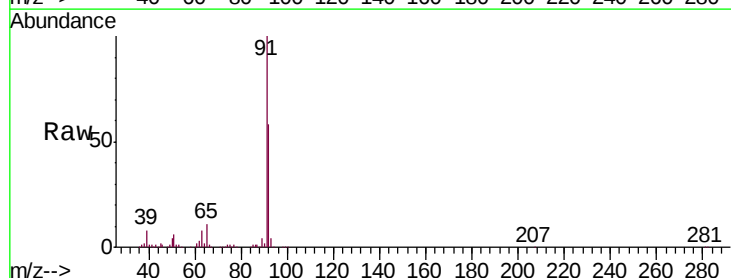
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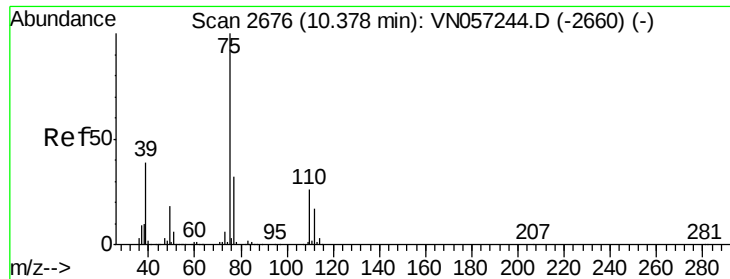
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#52
Toluene
Concen: 21.020 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion: 92 Resp: 613799
Ion Ratio Lower Upper
92 100
91 172.8 138.2 207.2





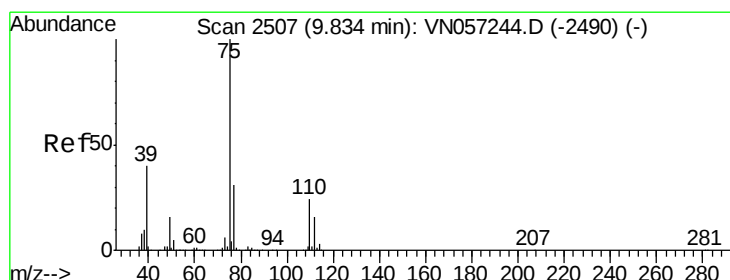
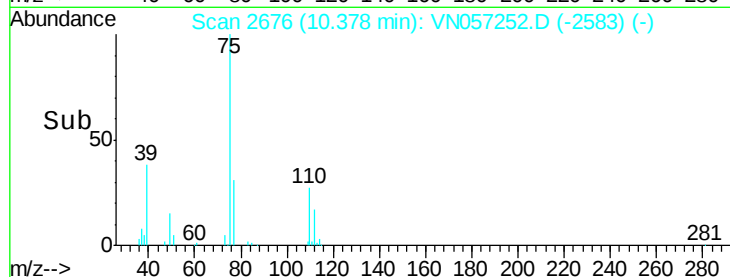
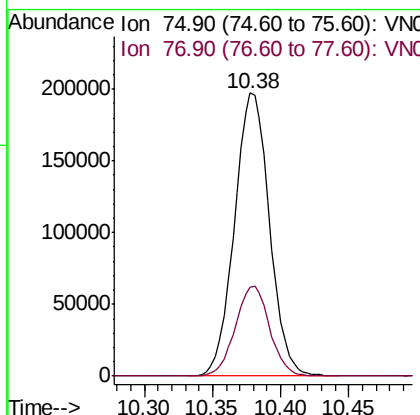
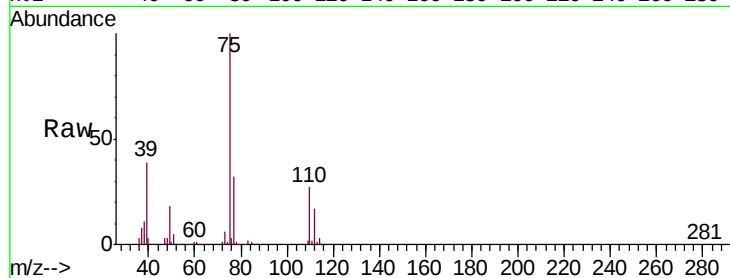
#53
t-1,3-Dichloropropene
Concen: 21.217 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion: 75 Resp: 351296
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

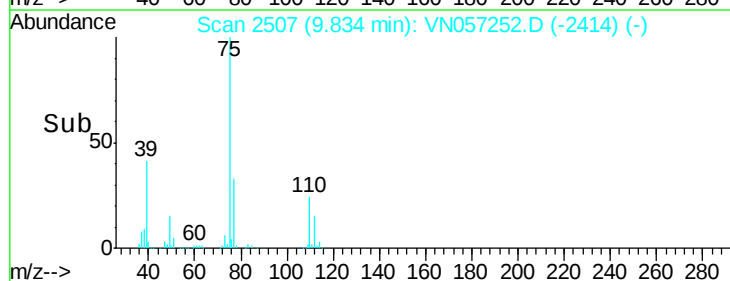
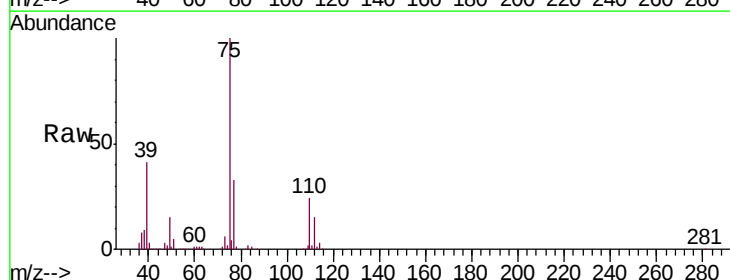
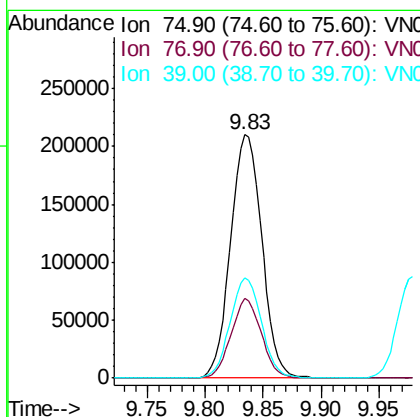
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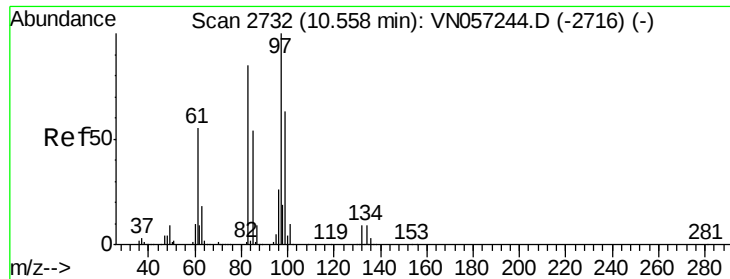
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#54
cis-1,3-Dichloropropene
Concen: 21.174 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion: 75 Resp: 395115
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6
39 40.9 32.3 48.5





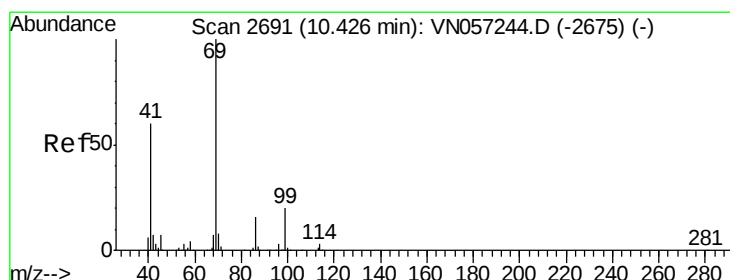
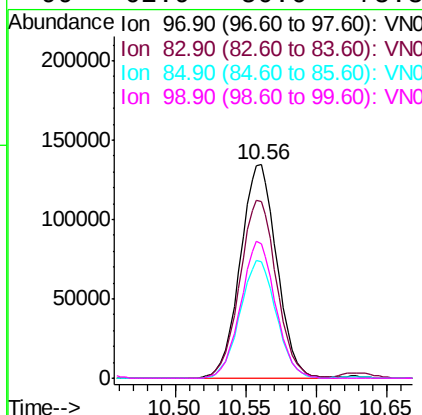
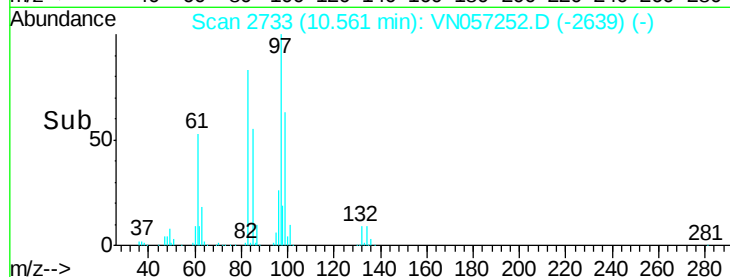
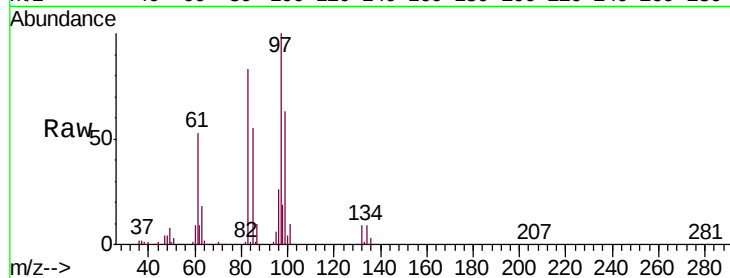
#55
 1,1,2-Trichloroethane
 Concen: 21.402 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
83	83.0	68.4	102.6	
85	54.5	43.0	64.6	
99	62.9	50.6	75.8	

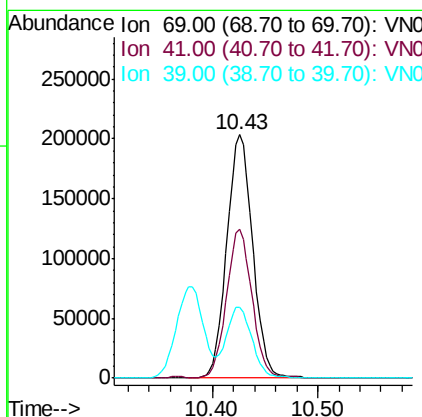
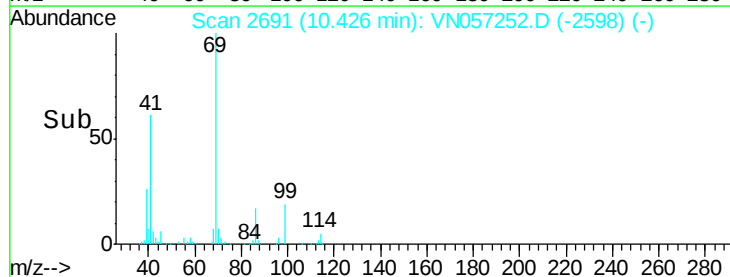
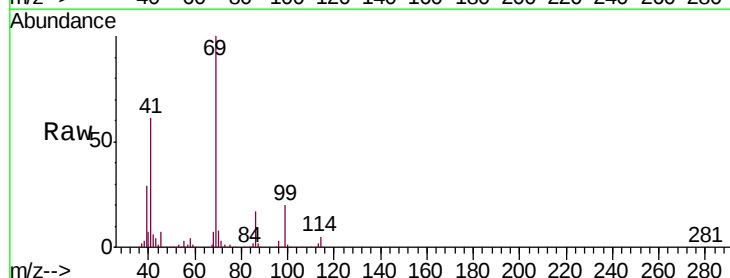
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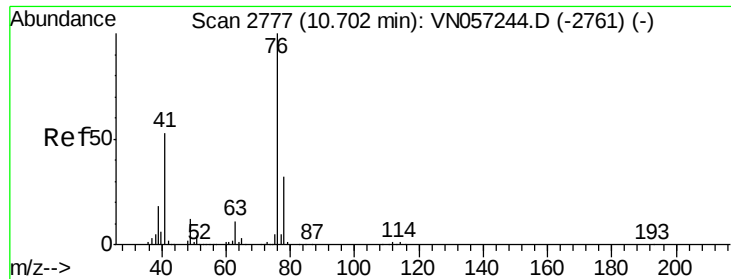
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#56
 Ethyl methacrylate
 Concen: 21.577 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	59.3	47.6	71.4	
39	28.4	23.4	35.0	





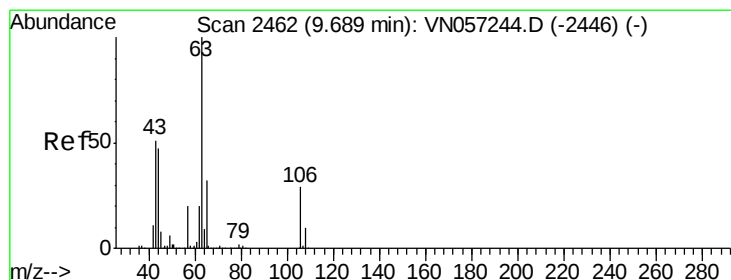
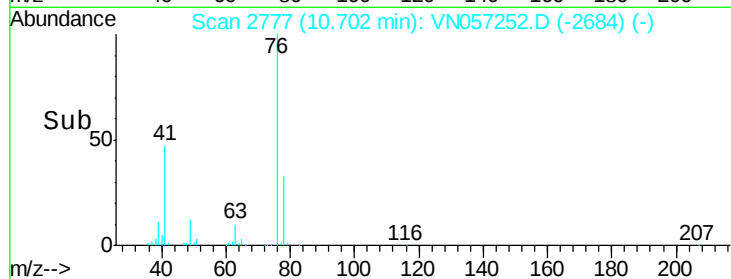
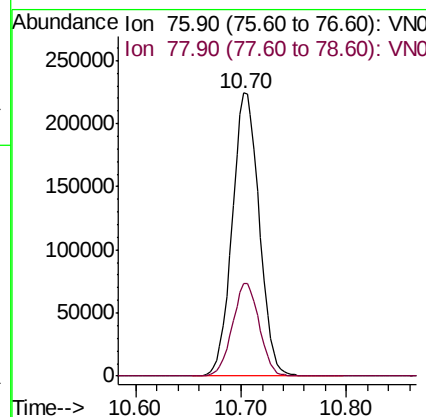
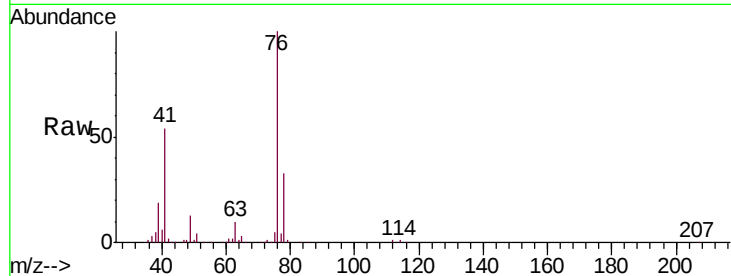
#57
 1,3-Dichloropropane
 Concen: 21.040 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion: 76 Resp: 396206
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.0 39.0

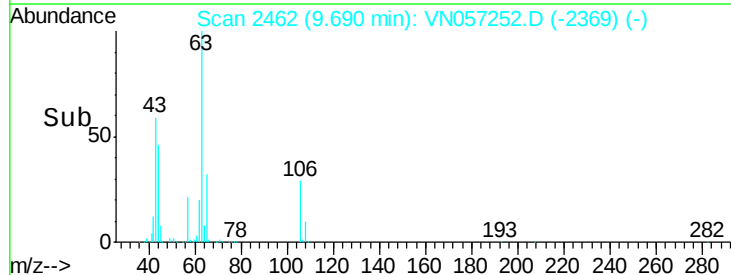
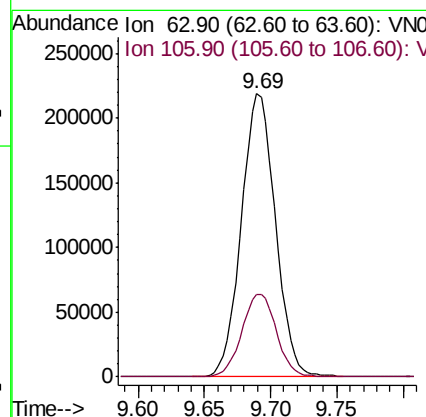
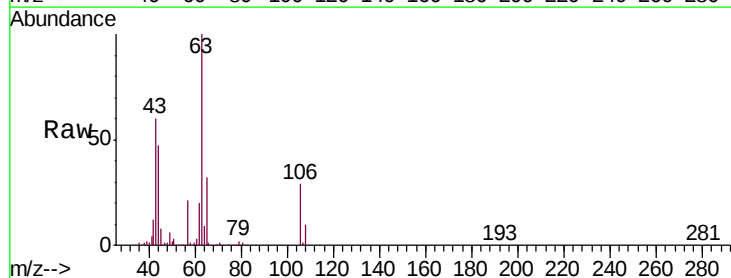
Manual Integrations
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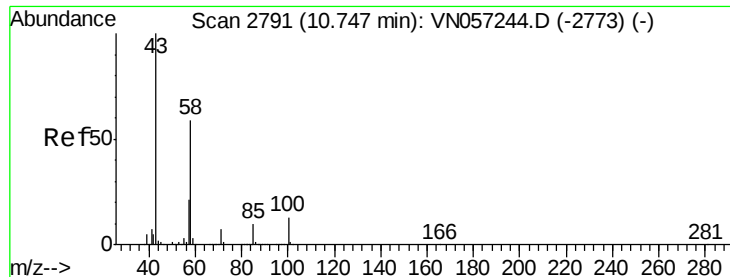
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.321 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion: 63 Resp: 391640
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.4 35.2





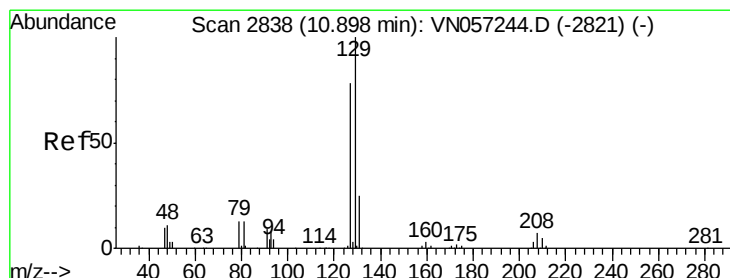
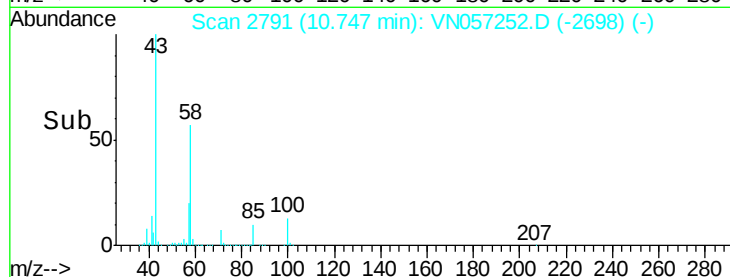
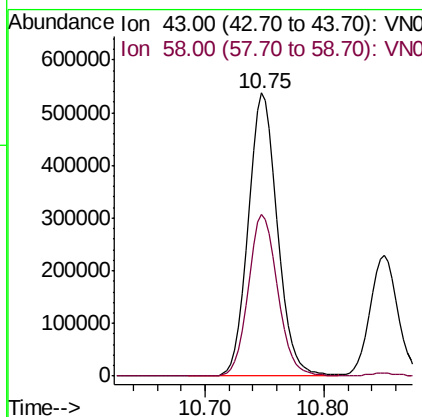
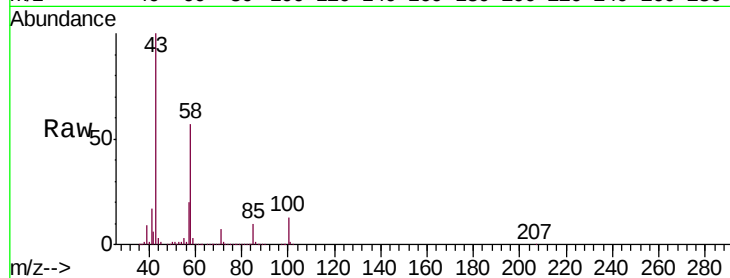
#59
2-Hexanone
Concen: 106.633 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion: 43 Resp: 909865
Ion Ratio Lower Upper
43 100
58 57.8 29.1 87.4

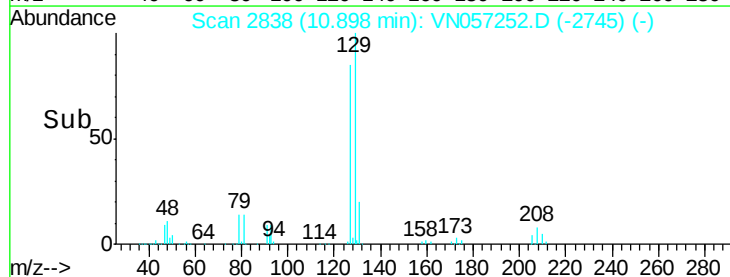
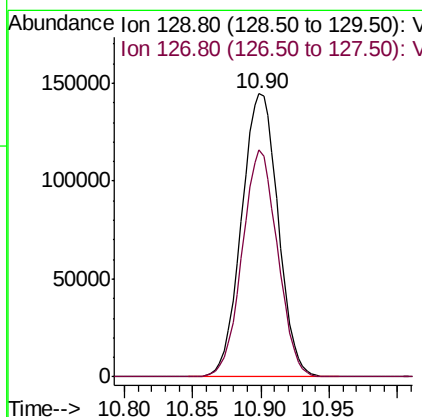
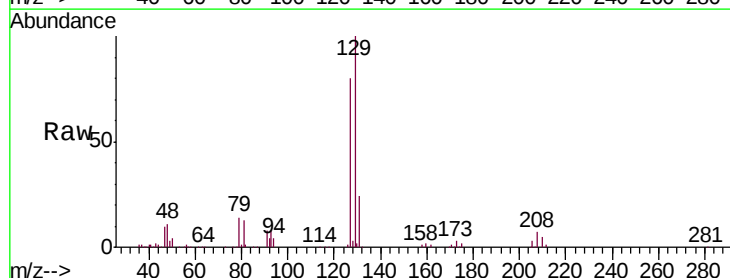
Manual Integrations
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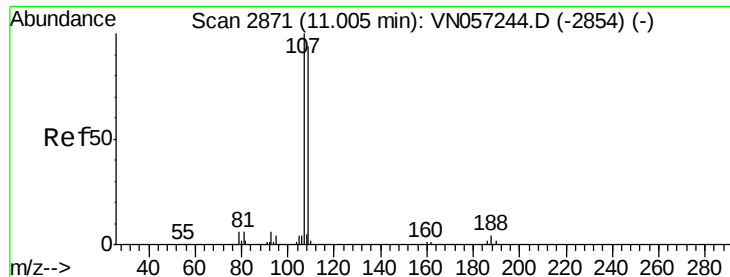
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#60
Dibromochloromethane
Concen: 21.025 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion: 129 Resp: 269111
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





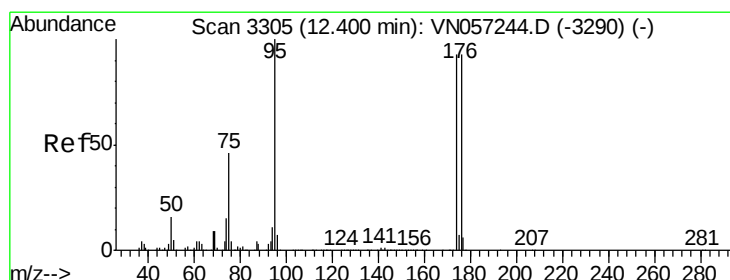
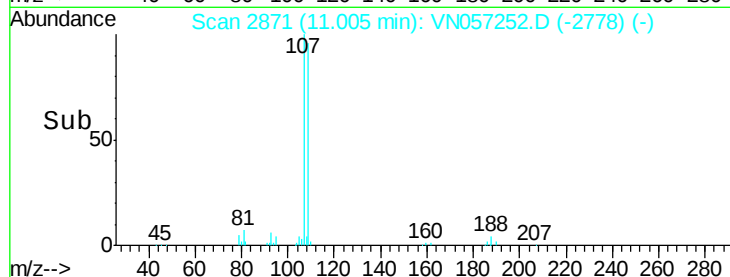
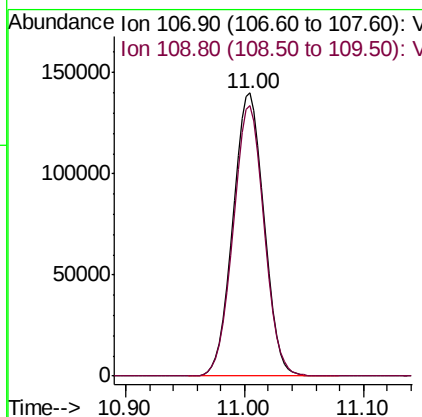
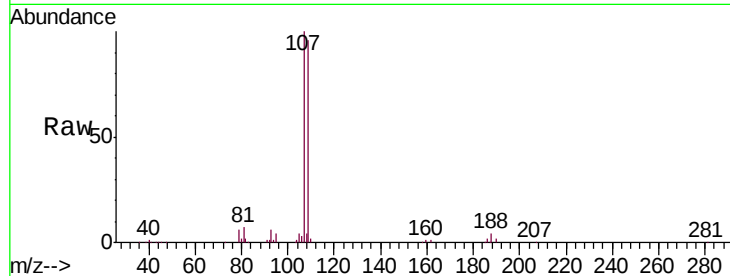
#61
 1,2-Dibromoethane
 Concen: 21.366 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion: 107 Resp: 253171
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.7 113.5

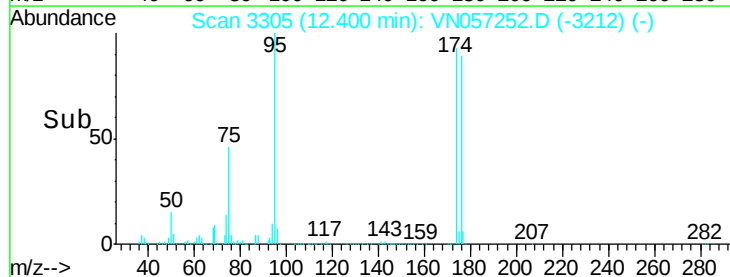
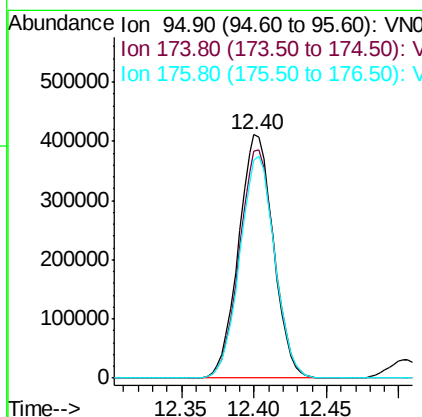
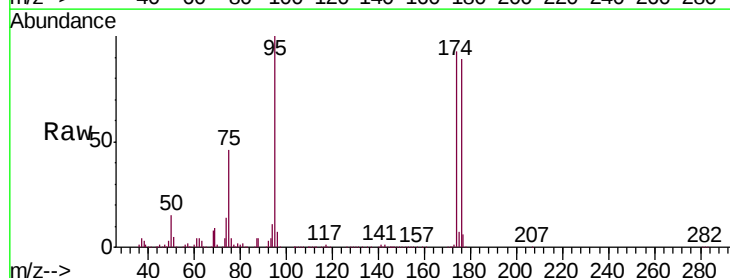
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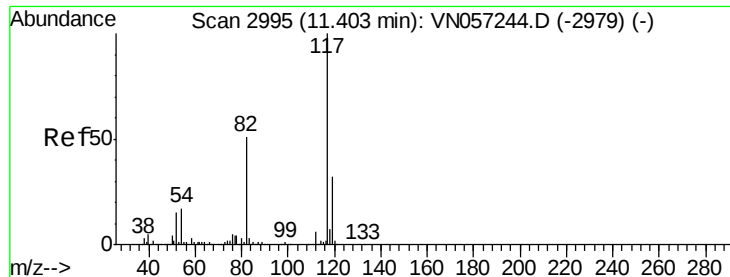
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#62
 4-Bromofluorobenzene
 Concen: 48.341 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion: 95 Resp: 683244
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 187.6
 176 91.9 0.0 185.8





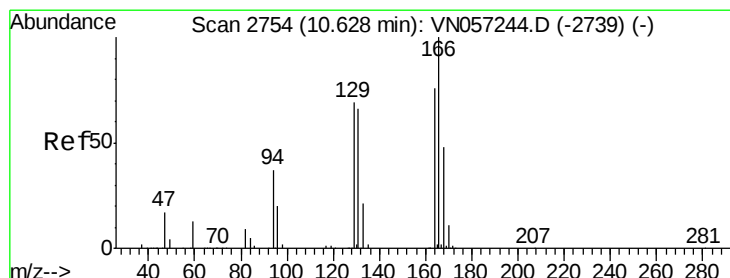
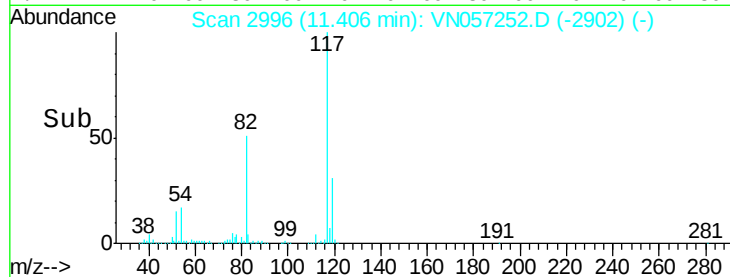
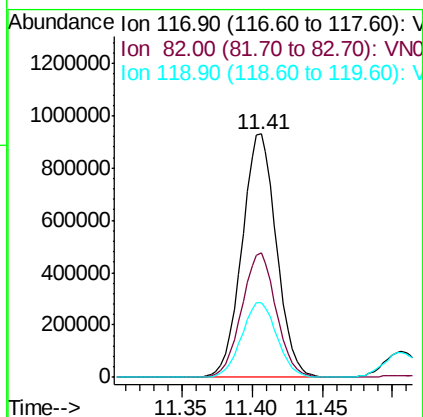
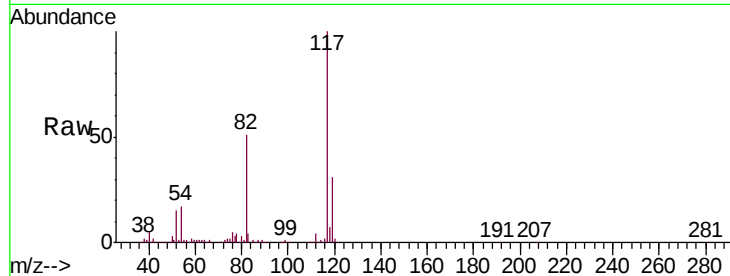
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.9	61.3
119	30.9	25.4	38.2

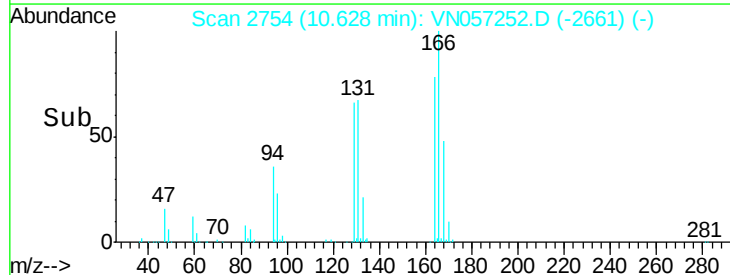
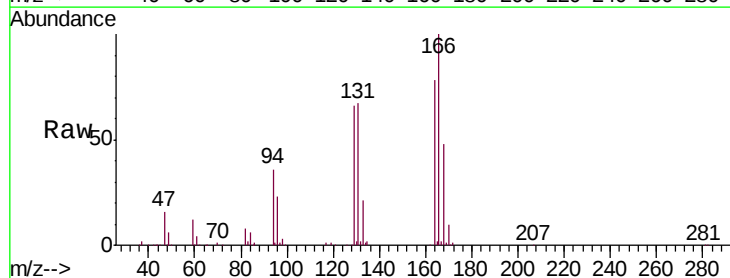
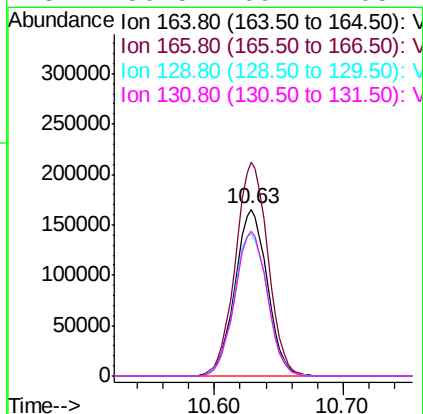
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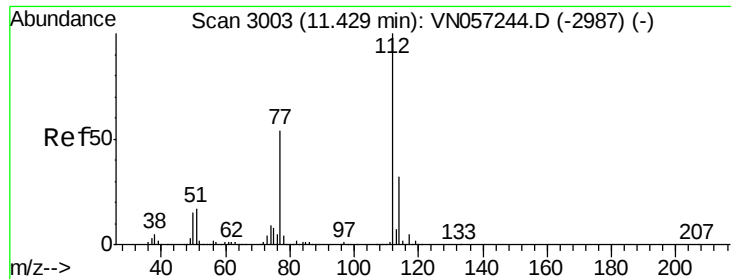
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#64
Tetrachloroethene
Concen: 20.532 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	104.9	157.3
129	84.9	71.9	107.9
131	86.5	69.1	103.7





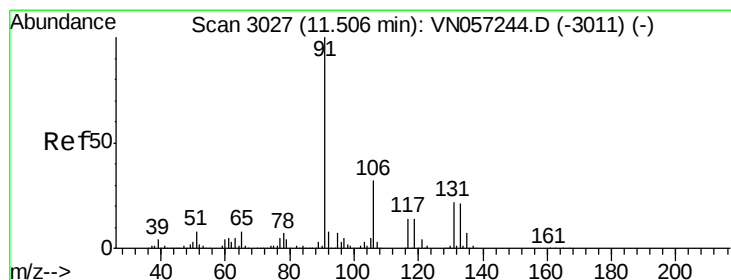
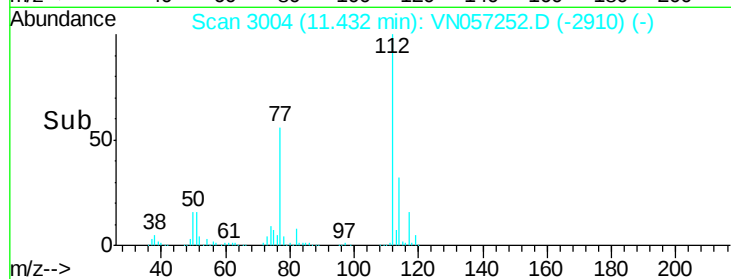
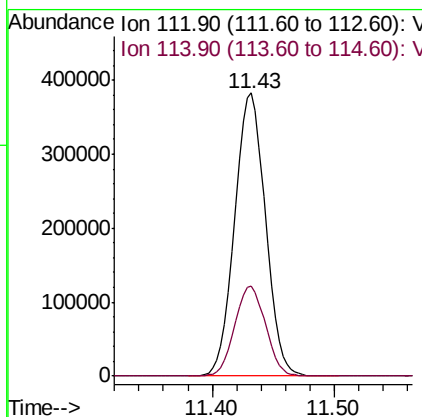
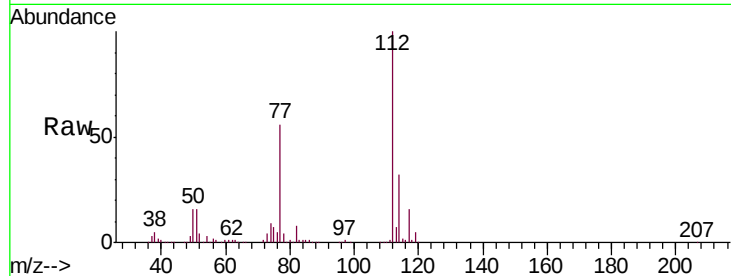
#65
Chlorobenzene
Concen: 20.563 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	668864		
114	31.9	25.4	38.2	

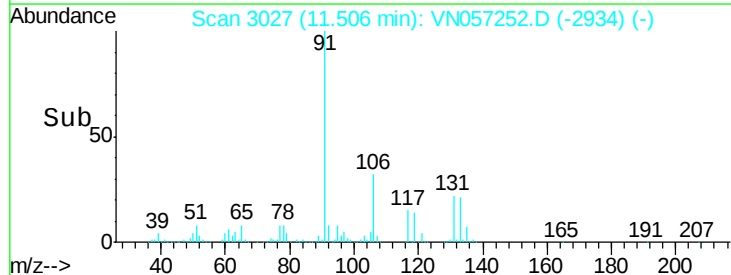
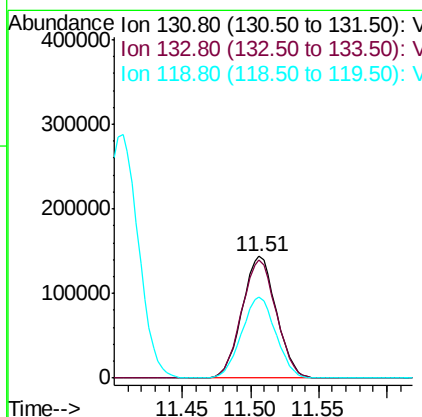
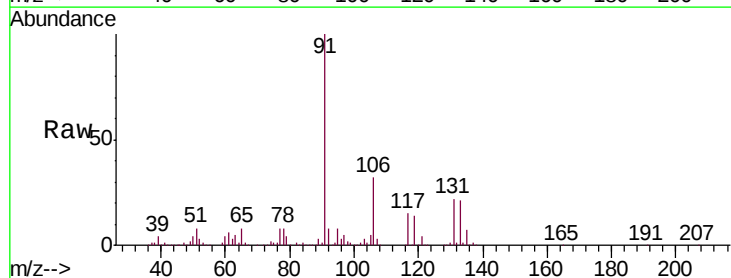
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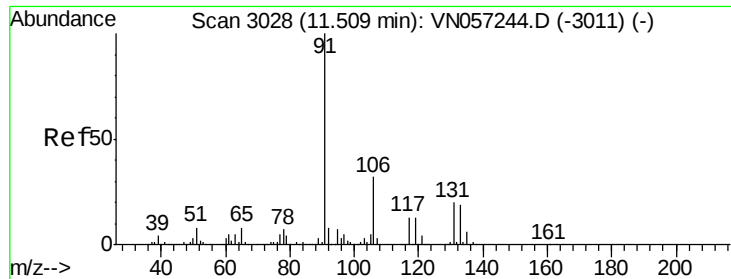
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.996 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	251170		
133	97.7	46.9	140.7	
119	66.5	32.3	96.8	





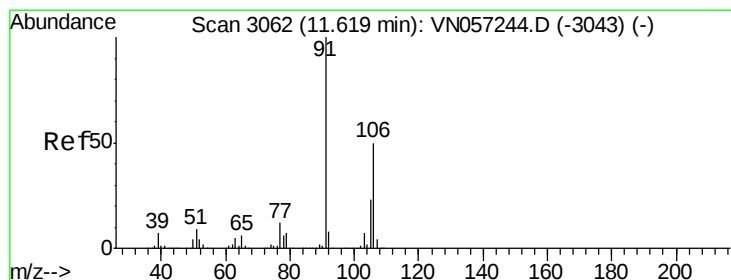
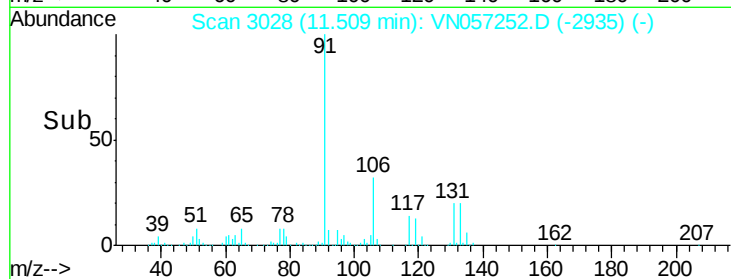
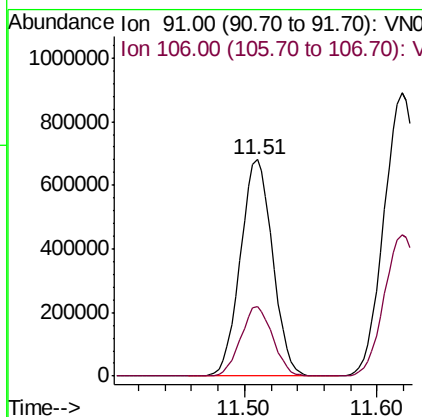
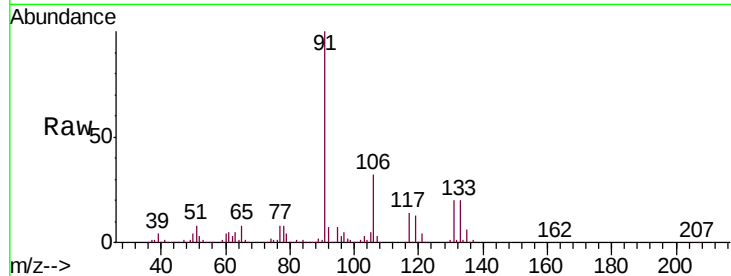
#67
Ethyl Benzene
Concen: 20.633 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion: 91 Resp: 1145754
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0

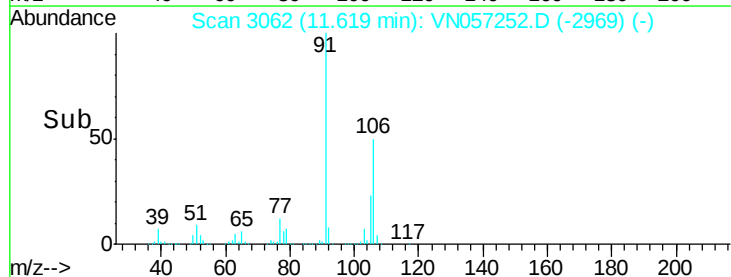
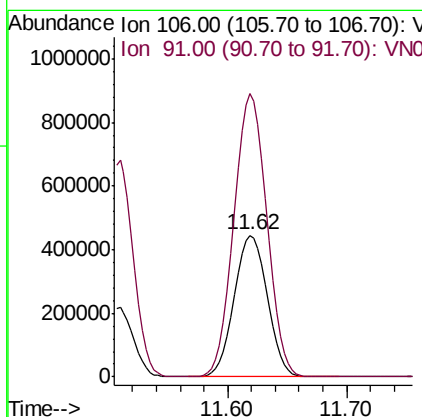
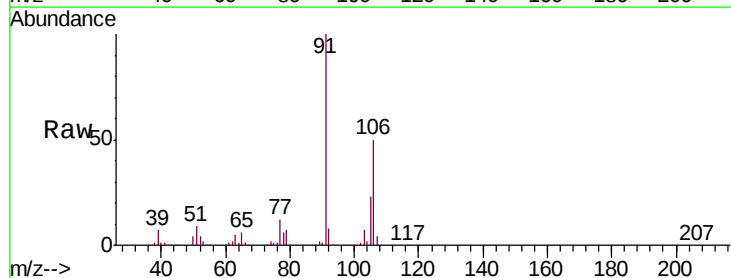
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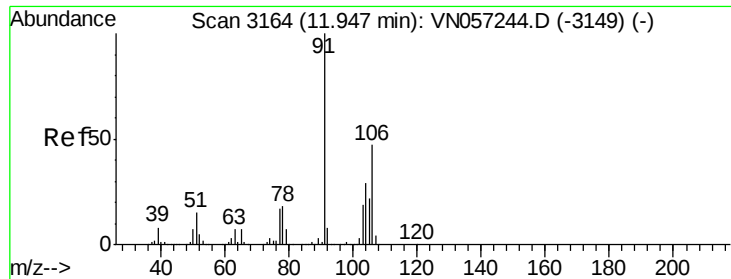
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#68
m/p-Xylenes
Concen: 41.406 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion: 106 Resp: 857860
Ion Ratio Lower Upper
106 100
91 198.7 161.4 242.0





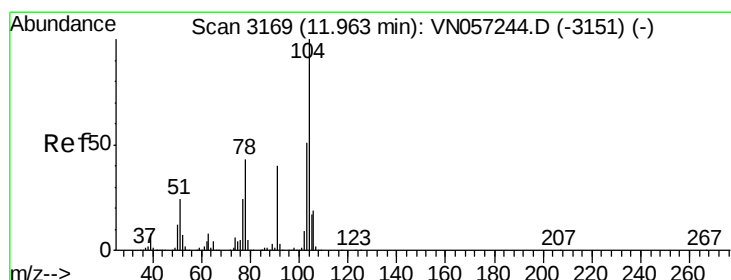
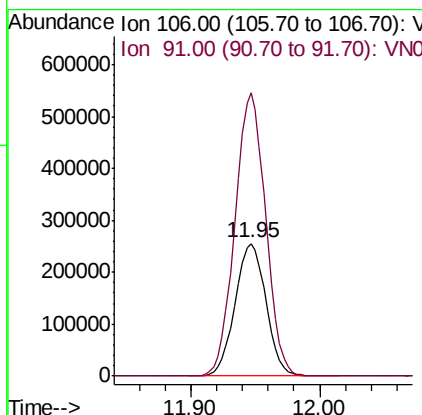
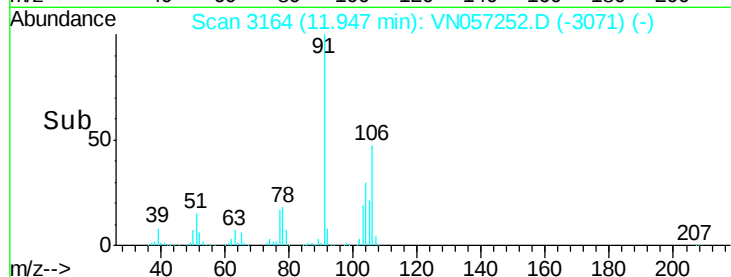
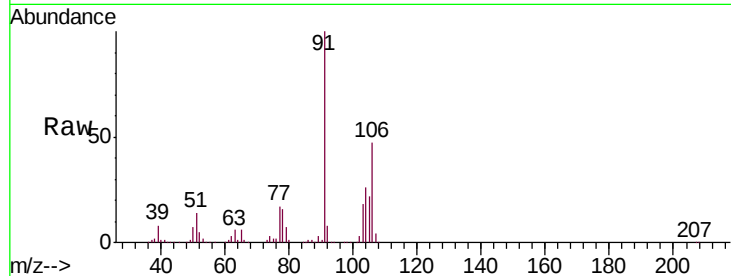
#69
o-Xylene
Concen: 20.922 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion:106 Resp: 424424
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.4

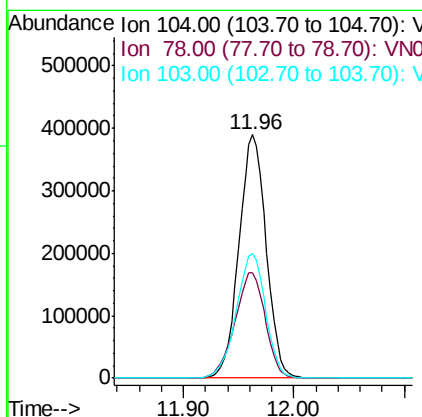
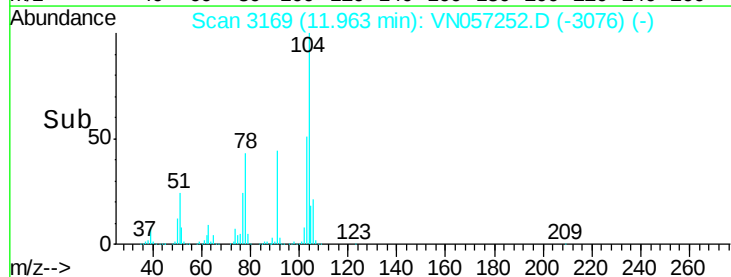
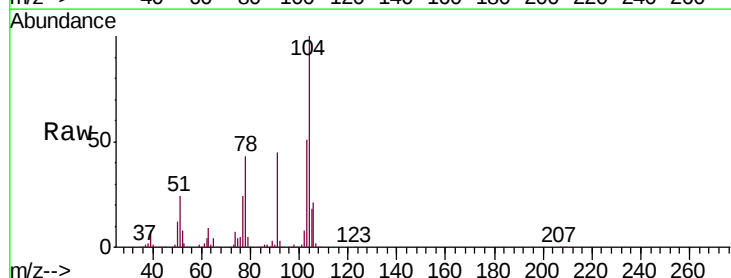
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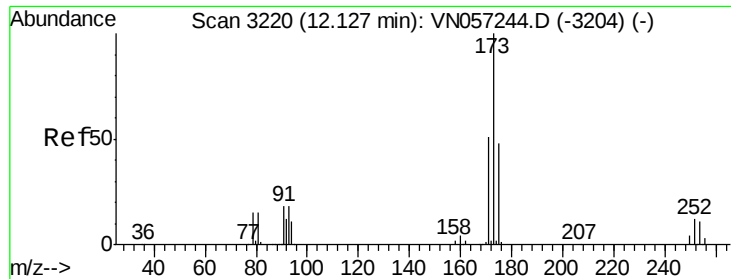
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#70
Styrene
Concen: 21.138 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion:104 Resp: 663900
Ion Ratio Lower Upper
104 100
78 48.5 38.6 57.8
103 55.1 43.9 65.9





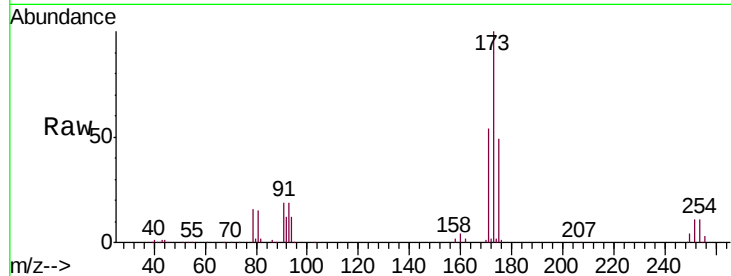
#71
Bromoform
Concen: 20.694 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

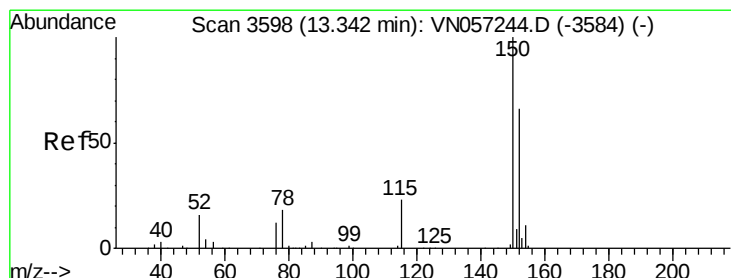
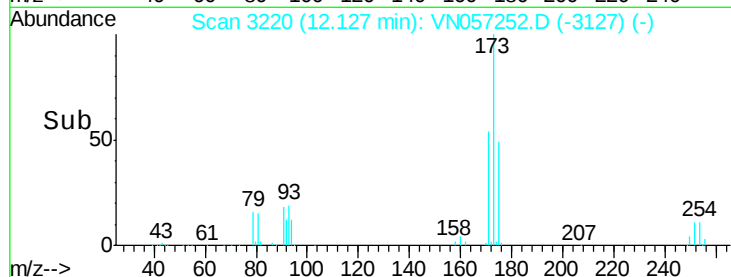
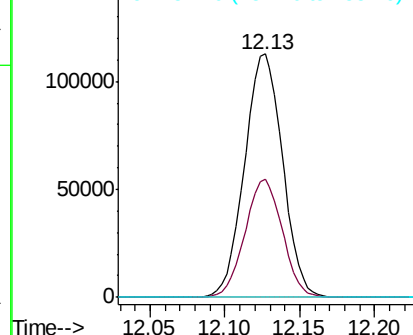
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	199171		
175	47.9	24.4	73.2	
254	0.2	0.2	0.2	

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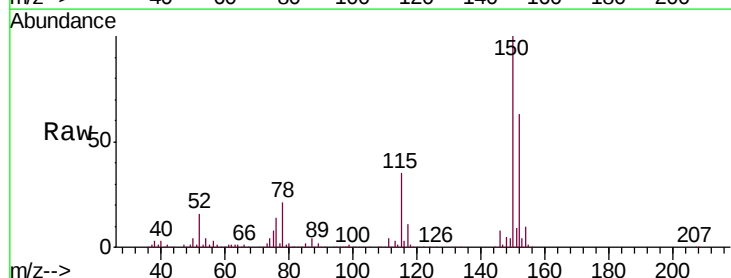


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

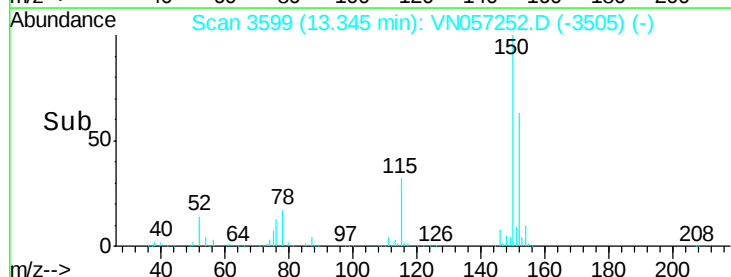
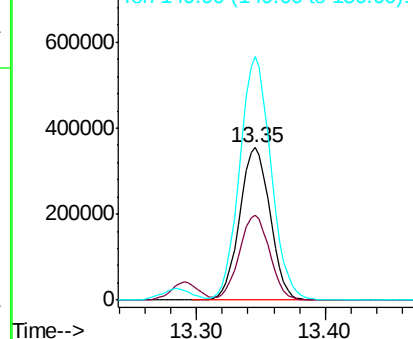


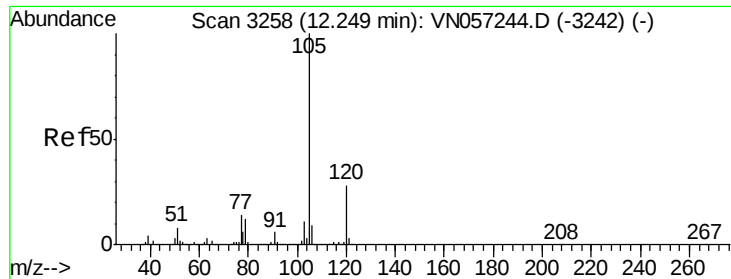
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	582293		
115	55.5	27.6	82.8	
150	164.0	0.0	348.4	



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





#73

Isopropylbenzene

Concen: 23.351 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion:105 Resp: 1118610

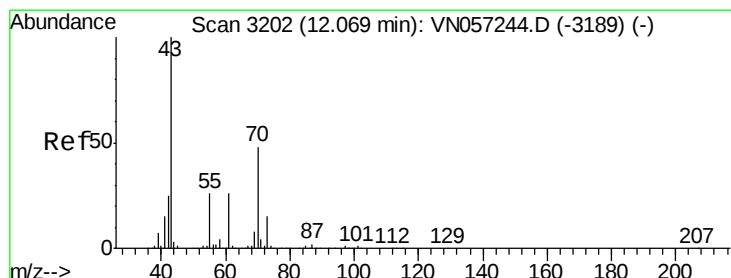
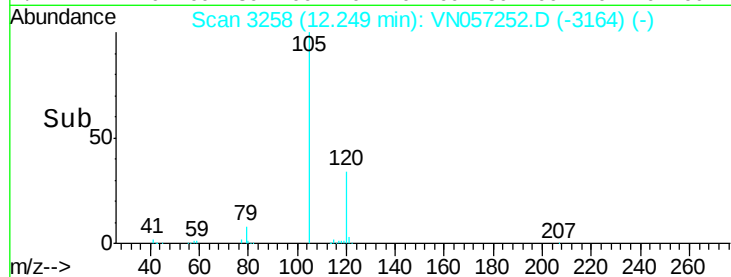
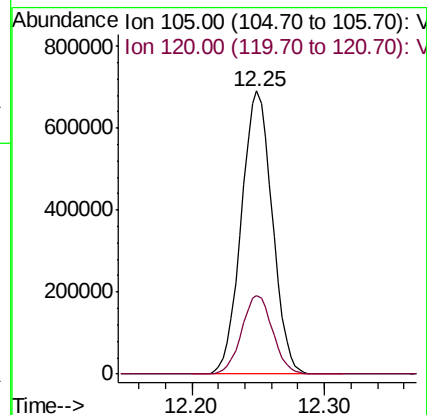
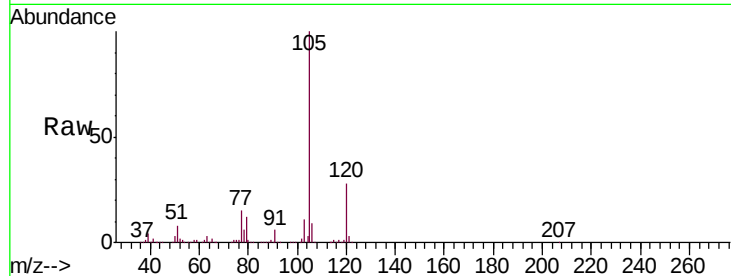
Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3

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#74

N-ethyl acetate

Concen: 22.822 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Tgt Ion: 43 Resp: 320190

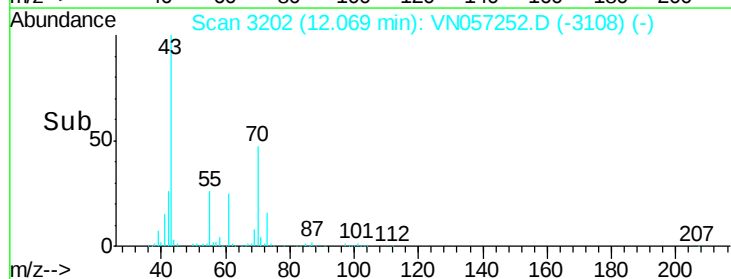
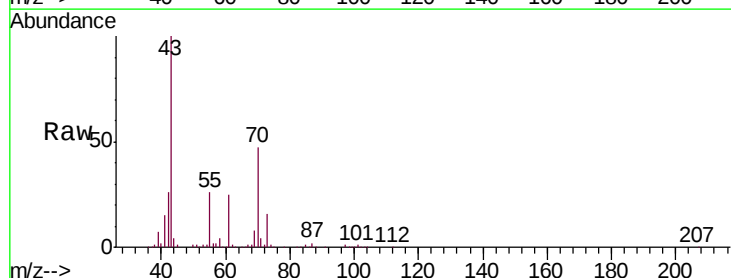
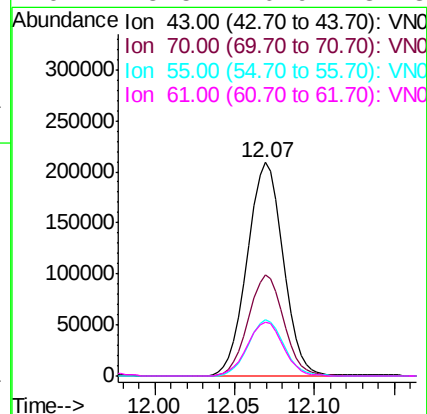
Ion Ratio Lower Upper

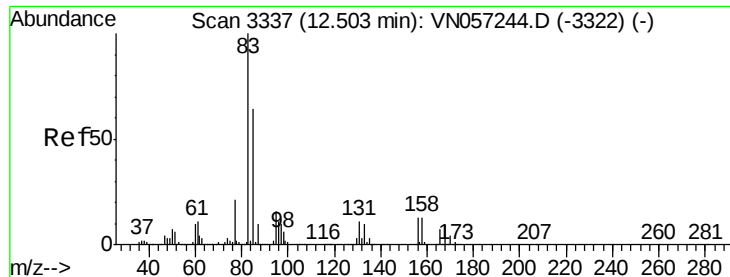
43 100

70 47.0 37.4 56.2

55 26.0 21.0 31.4

61 25.5 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 24.341 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

VN0813WBS01

Tgt Ion: 83 Resp: 321820
Ion Ratio Lower Upper

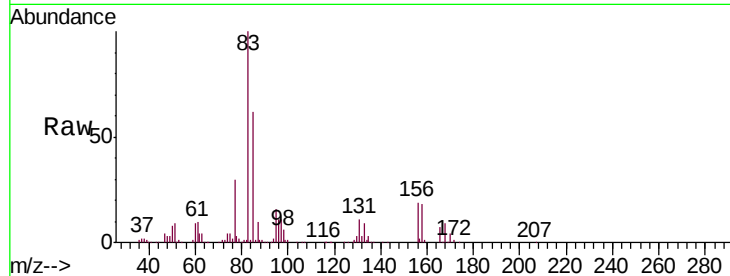
83 100

131 11.0 5.6 16.8

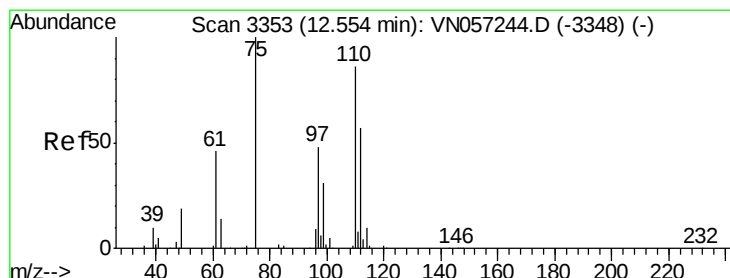
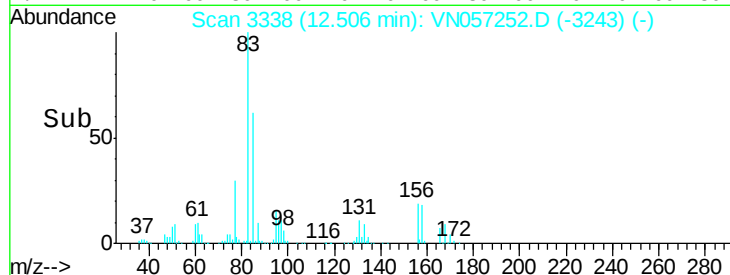
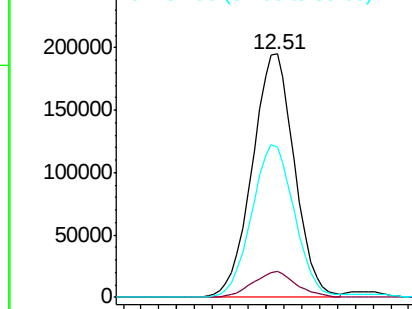
85 63.7 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 130.80 (130.50 to 131.50): VNC
Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 23.810 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

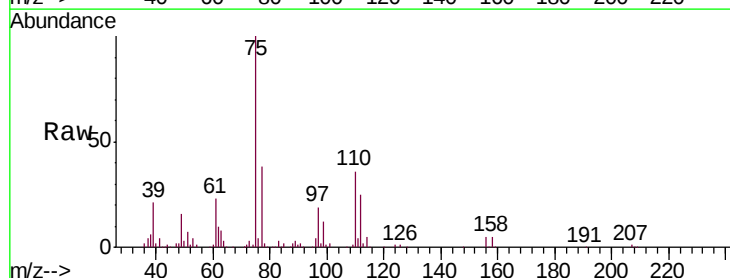
Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

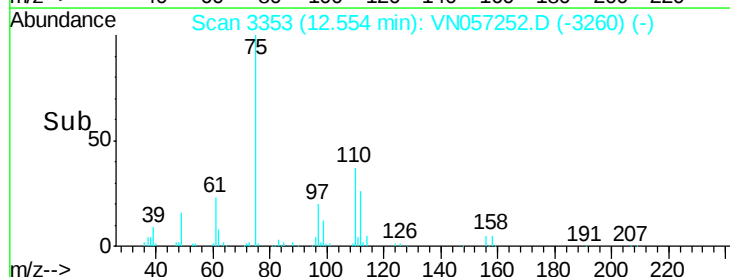
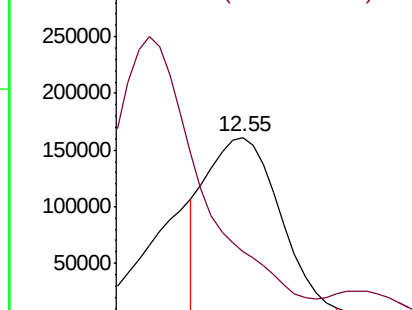
Tgt Ion: 75 Resp: 261119
Ion Ratio Lower Upper

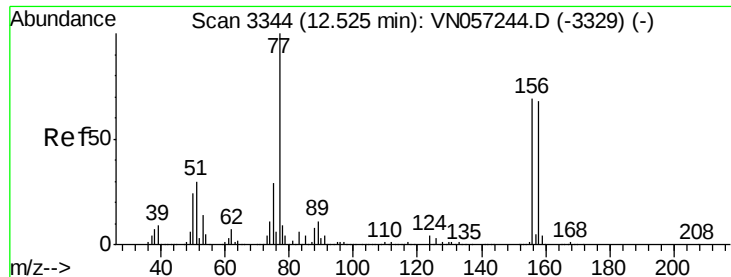
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 23.198 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

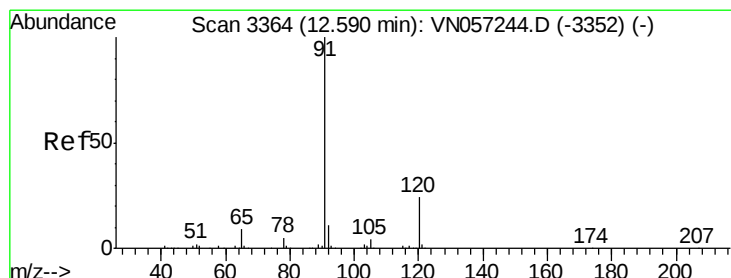
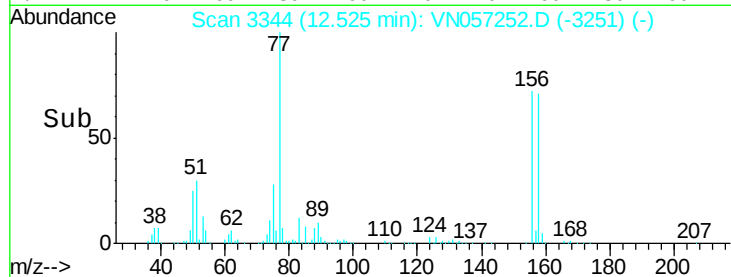
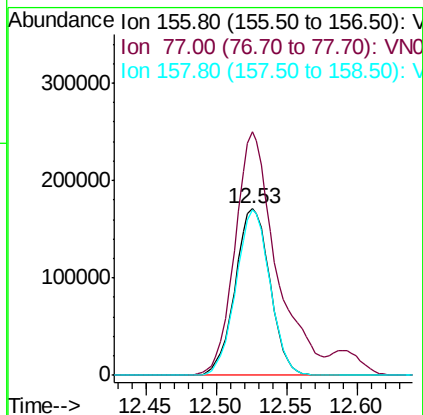
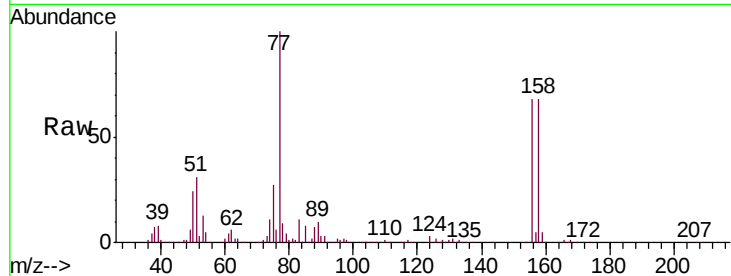
ClientSampleId :

VN0813WBS01

Tgt Ion:	156	Resp:	296191
Ion Ratio	Lower	Upper	
156	100		
77	172.7	88.0	264.1
158	97.1	49.4	148.0

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#78

n-propylbenzene

Concen: 22.093 ug/l

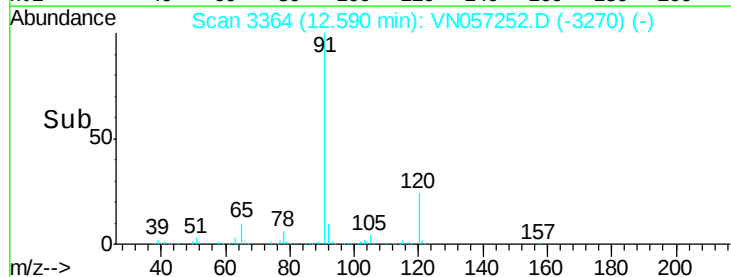
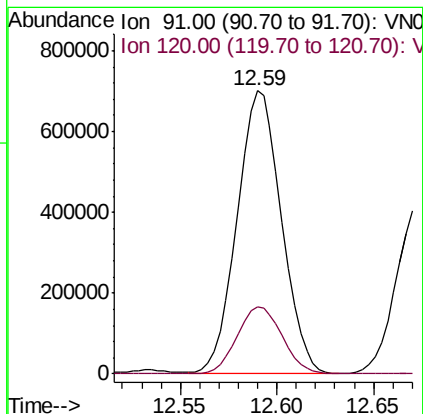
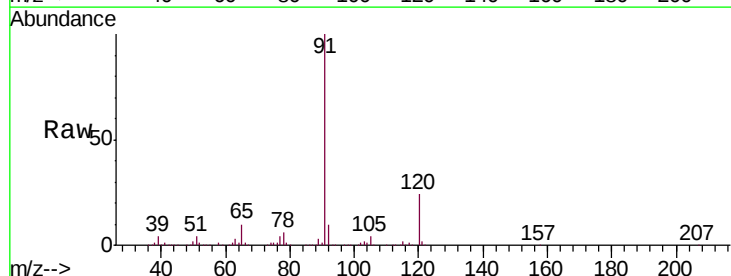
RT: 12.59 min Scan# 3364

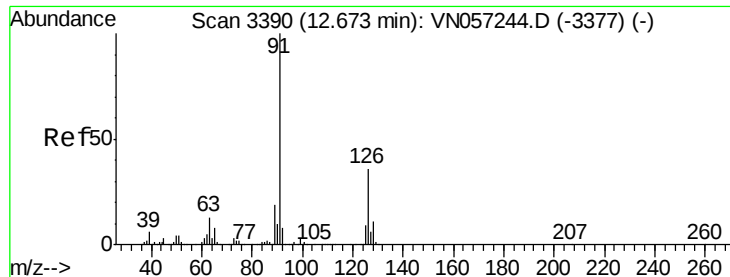
Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Tgt Ion:	91	Resp:	1111355
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.1	36.3





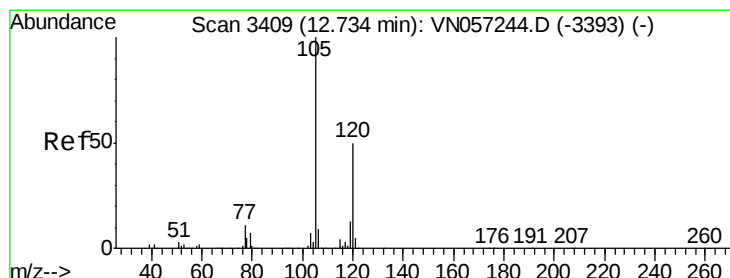
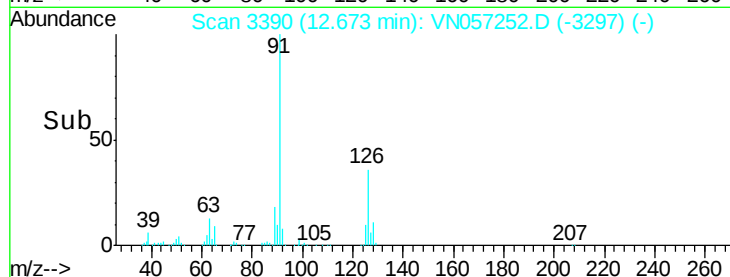
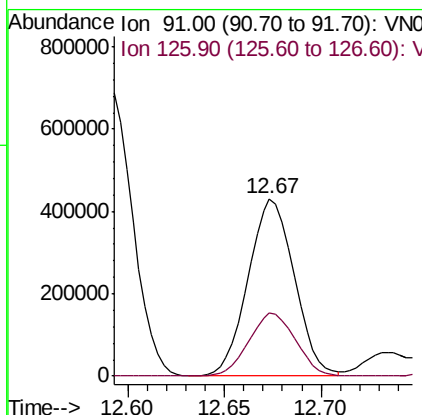
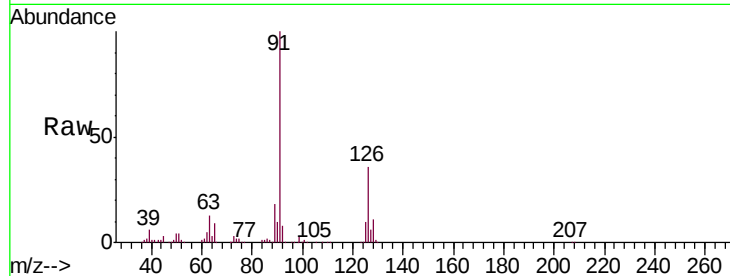
#79
 2-Chlorotoluene
 Concen: 22.940 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion: 91 Resp: 713036
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.0 54.0

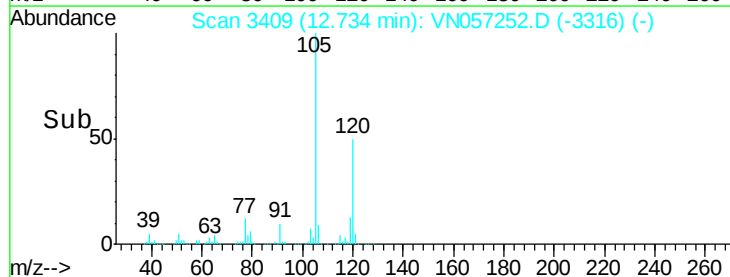
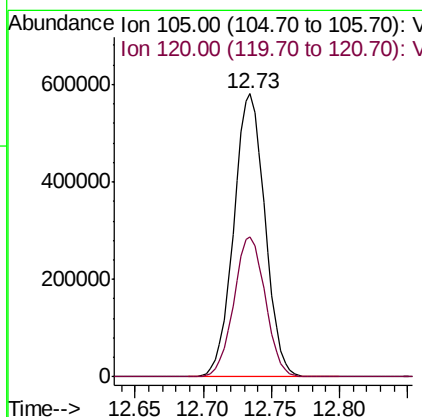
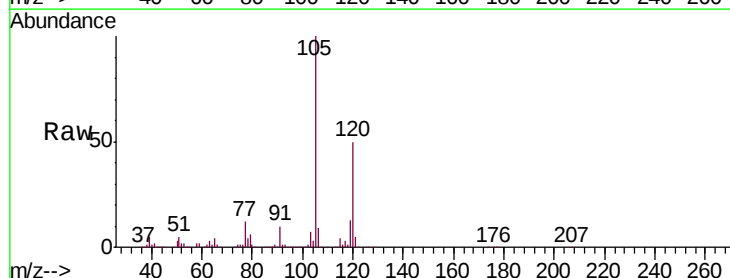
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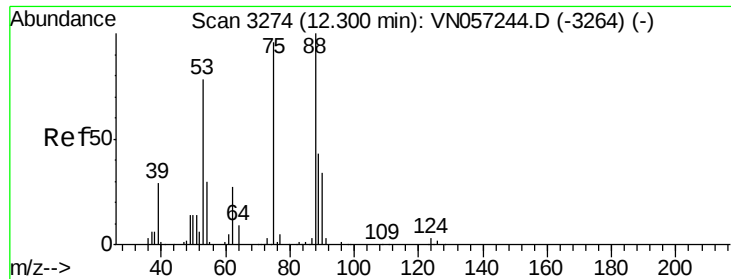
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.992 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion: 105 Resp: 920588
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.946 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

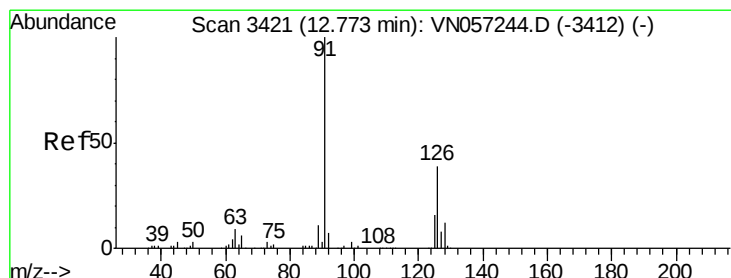
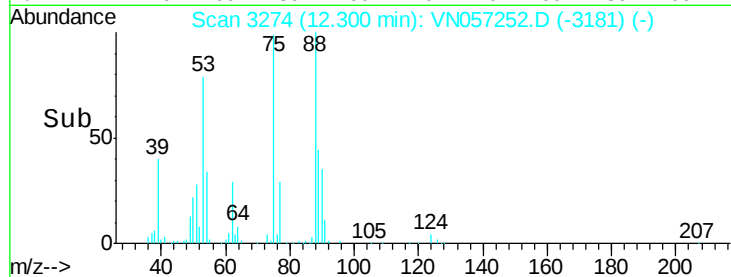
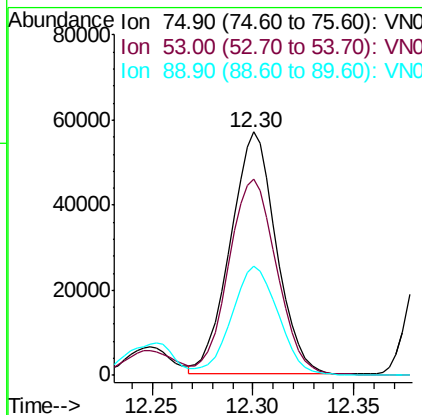
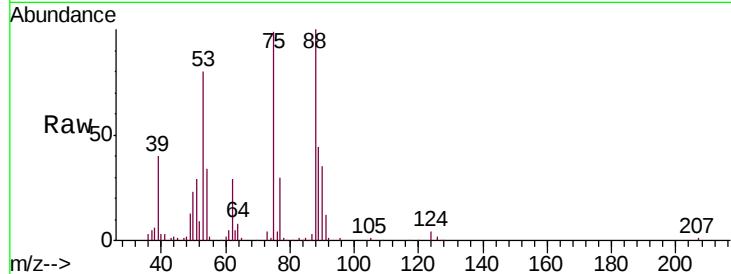
ClientSampleId :

VN0813WBS01

Tgt Ion:	75	Resp:	90806
Ion Ratio	Lower	Upper	
75	100		
53	85.3	65.8	98.6
89	45.8	36.7	55.1

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#82

4-Chlorotoluene

Concen: 20.537 ug/l

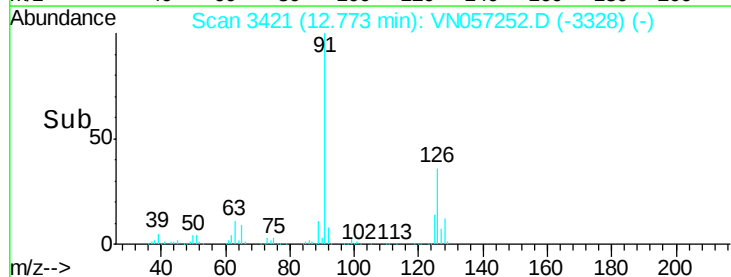
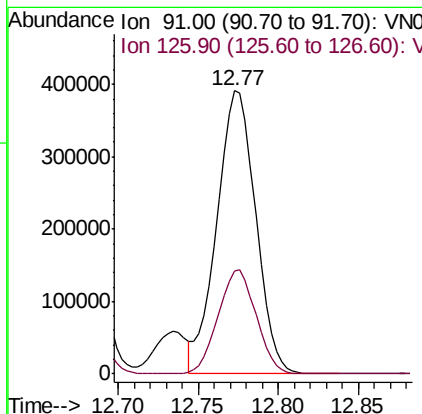
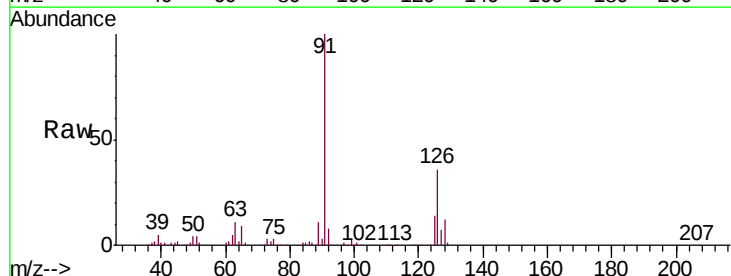
RT: 12.77 min Scan# 3421

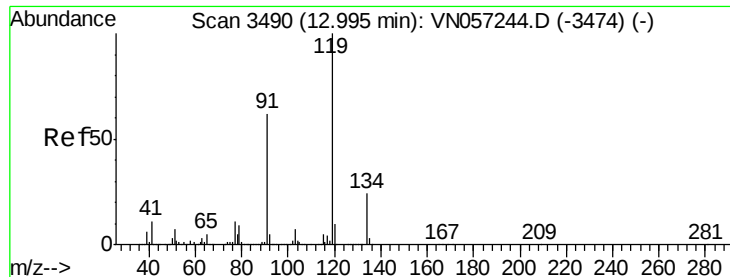
Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Tgt Ion:	91	Resp:	652192
Ion Ratio	Lower	Upper	
91	100		
126	36.0	17.9	53.7





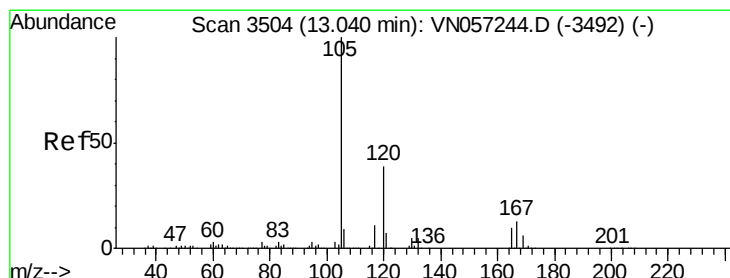
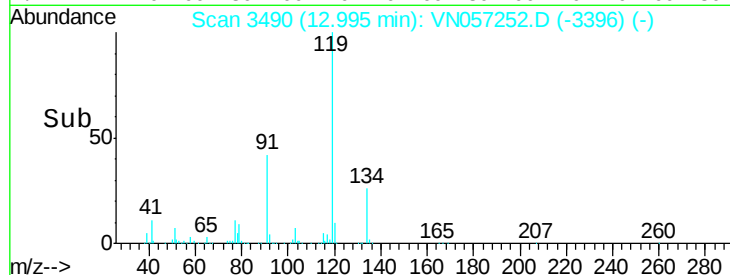
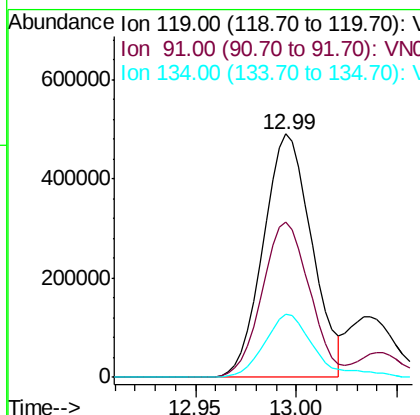
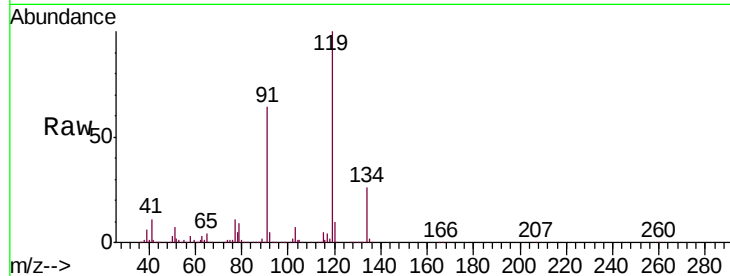
#83
 tert-Butylbenzene
 Concen: 22.817 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	821496		
91	62.8	30.8	92.3	
134	26.9	12.9	38.7	

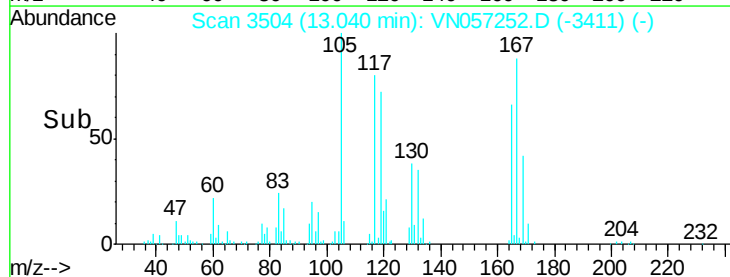
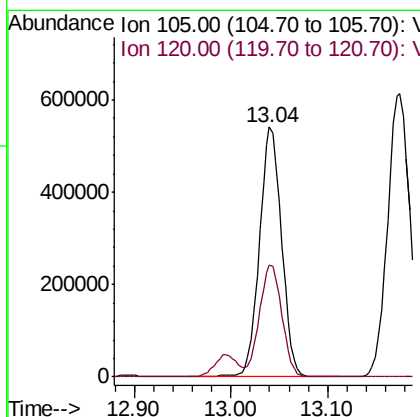
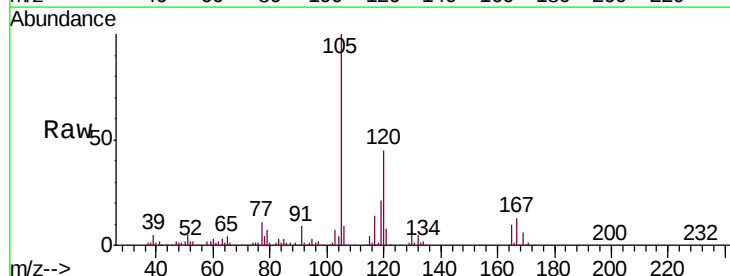
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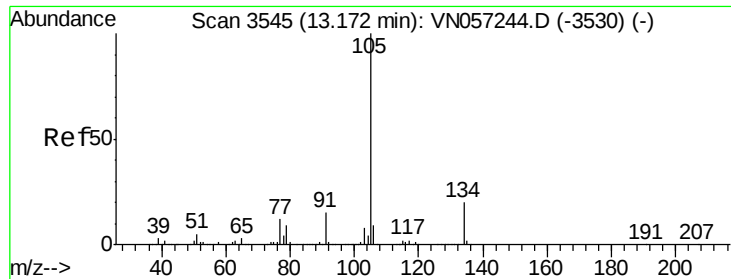
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.937 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	858501		
120	45.5	23.2	69.5	





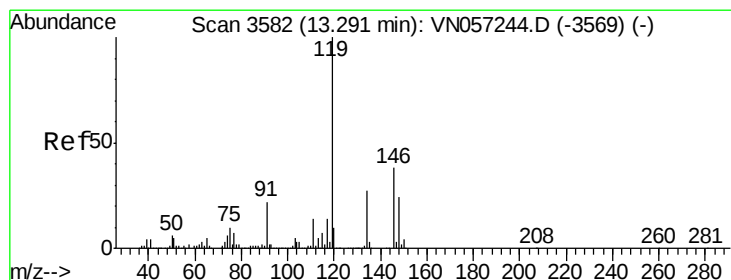
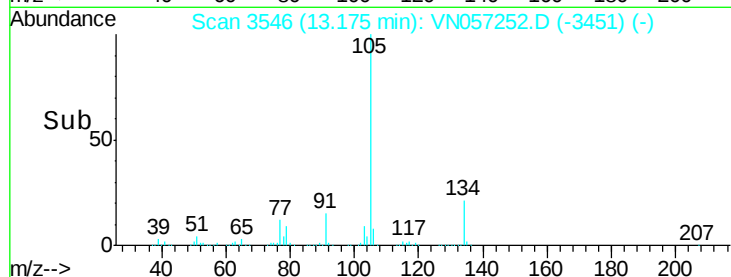
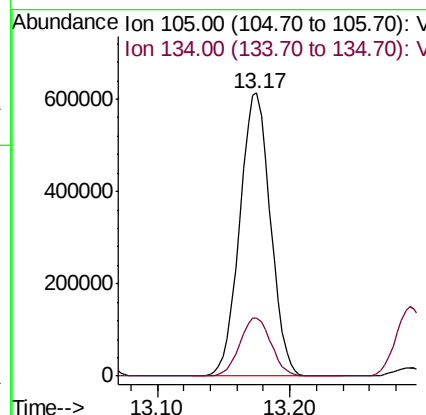
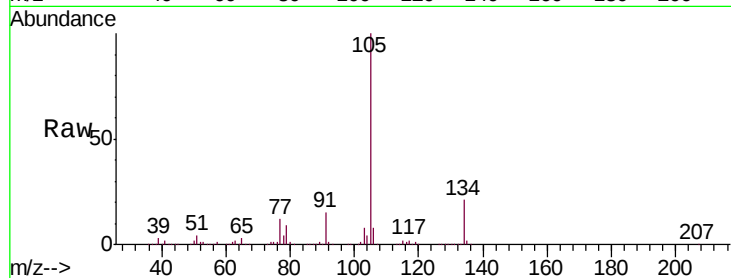
#85
 sec-Butylbenzene
 Concen: 22.206 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.4	31.2

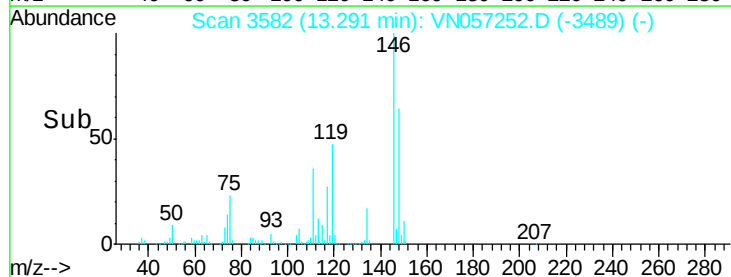
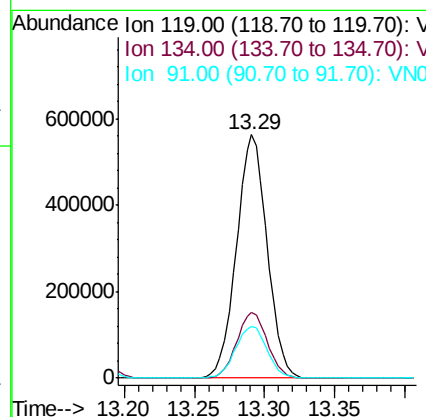
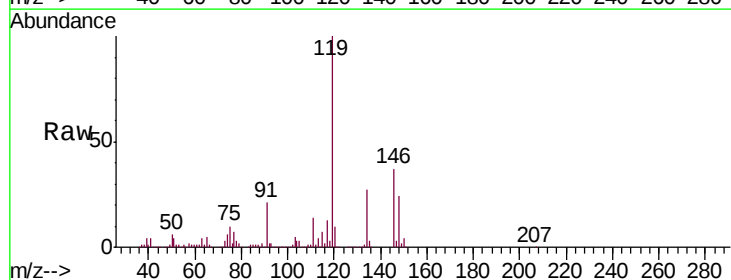
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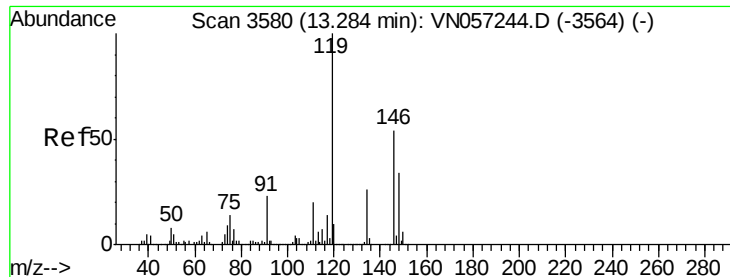
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#86
 p-Isopropyltoluene
 Concen: 19.936 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.5
91	22.0	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 20.269 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Instrument :

MSVOA_N

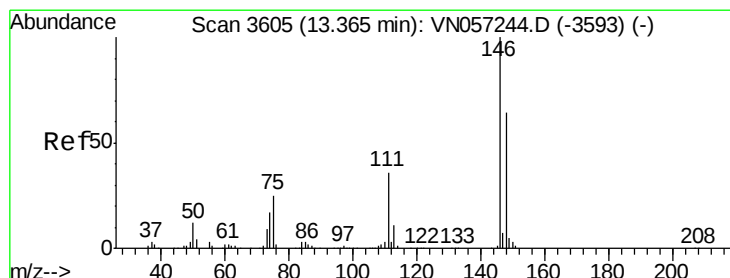
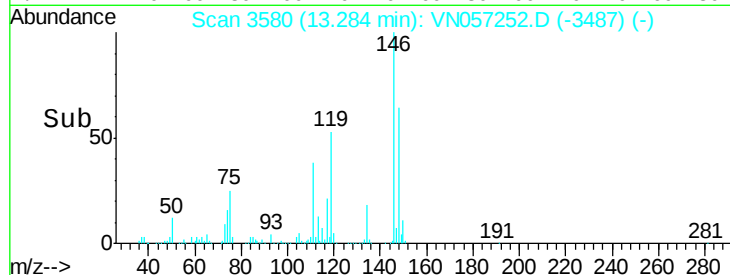
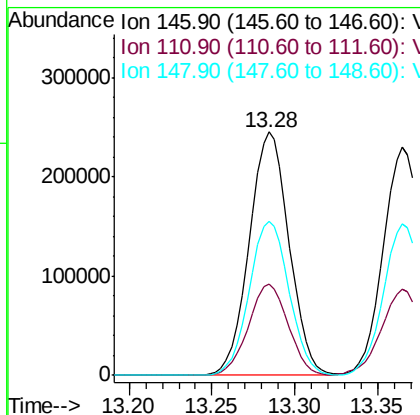
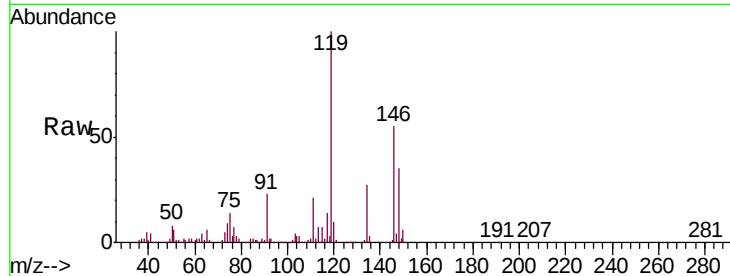
ClientSampleId :

VN0813WBS01

Tgt Ion:	146	Resp:	408866
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.8	56.4
148	63.5	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 19.395 ug/l

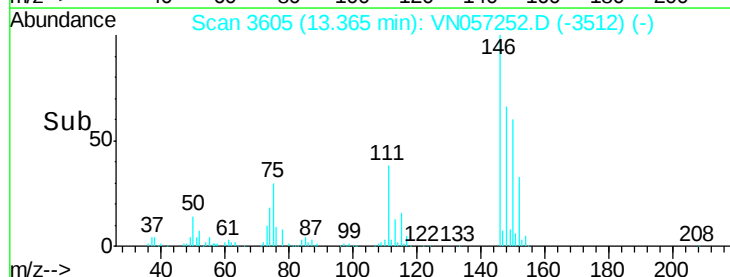
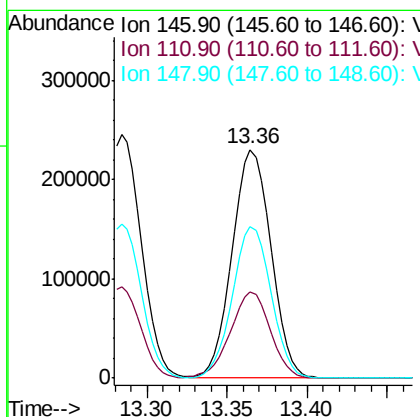
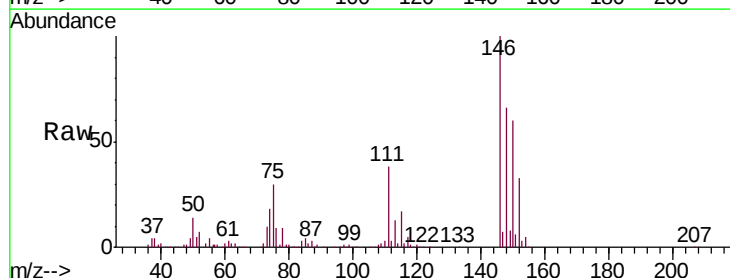
RT: 13.36 min Scan# 3605

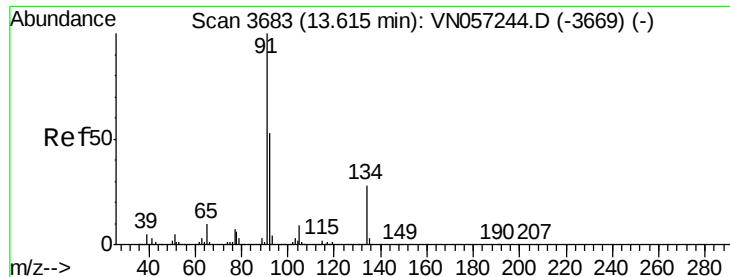
Delta R.T. 0.00 min

Lab File: VN057252.D

Acq: 13 Aug 2019 17:47

Tgt Ion:	146	Resp:	380529
Ion Ratio	Lower	Upper	
146	100		
111	38.7	18.3	54.8
148	65.7	32.0	96.0





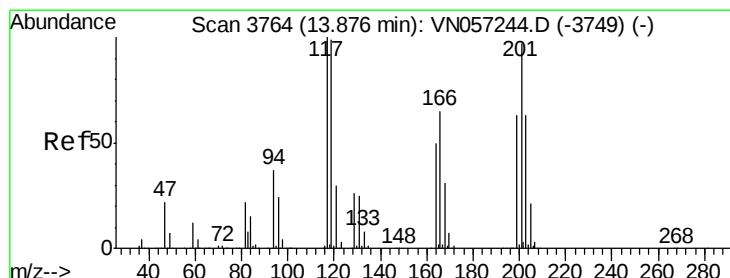
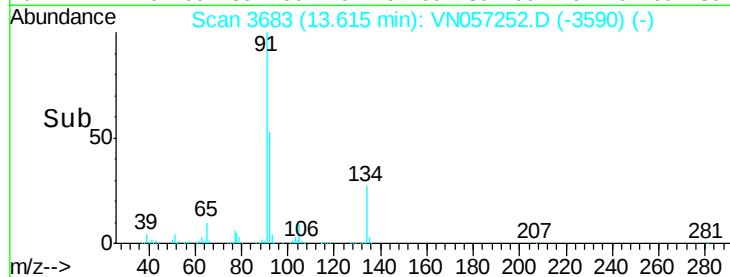
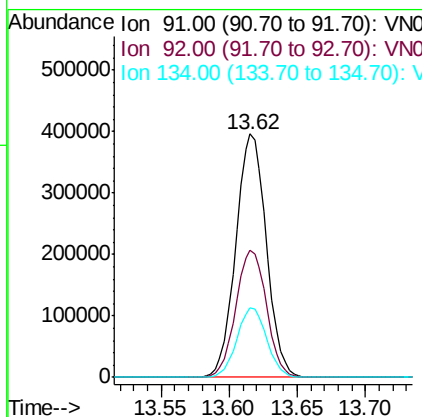
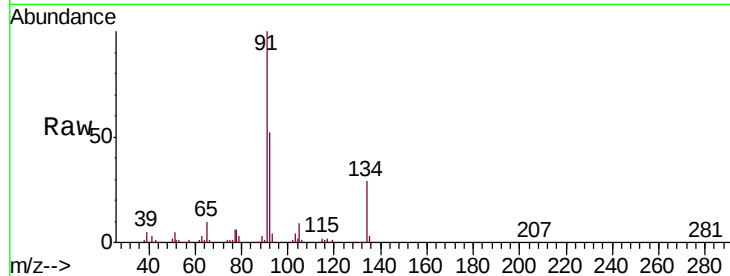
#89
n-Butylbenzene
Concen: 20.476 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	27.9	14.1	42.3

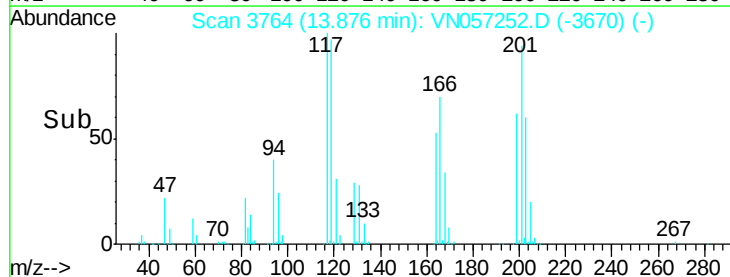
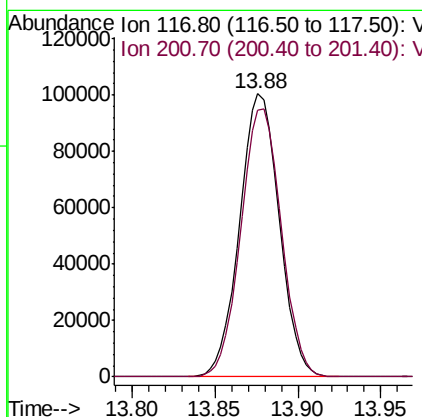
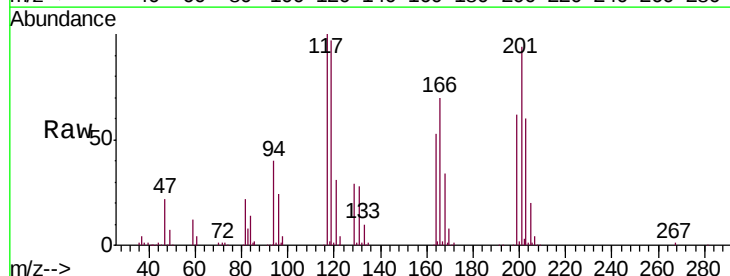
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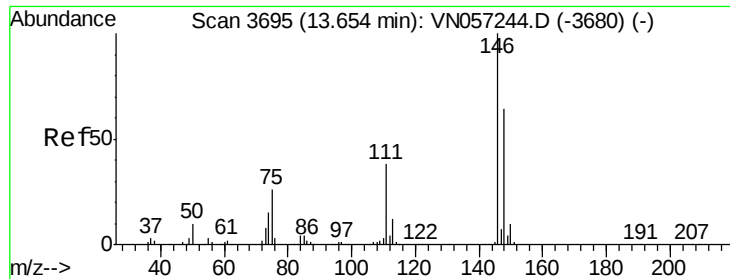
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#90
Hexachloroethane
Concen: 22.445 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.7	49.5	148.5





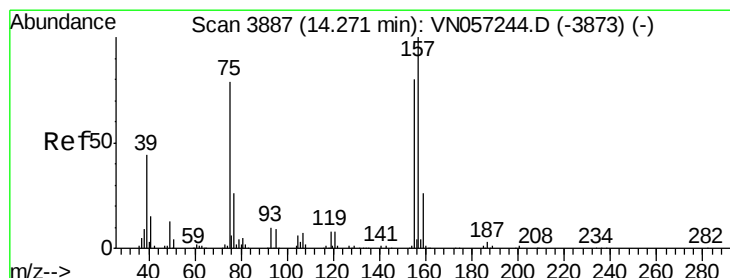
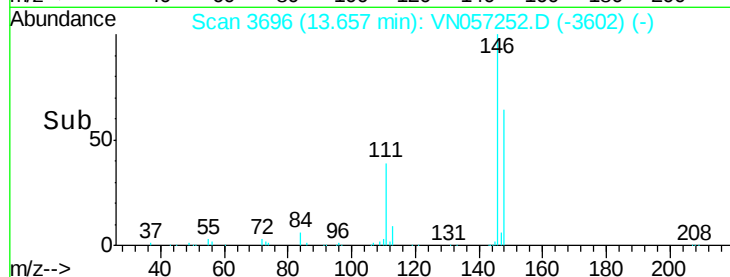
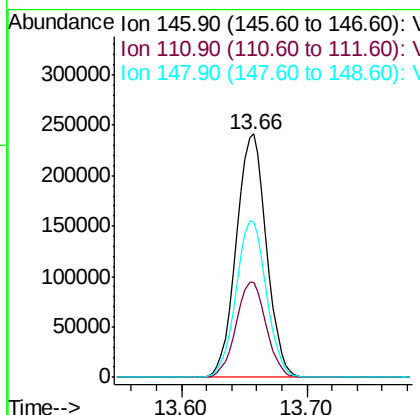
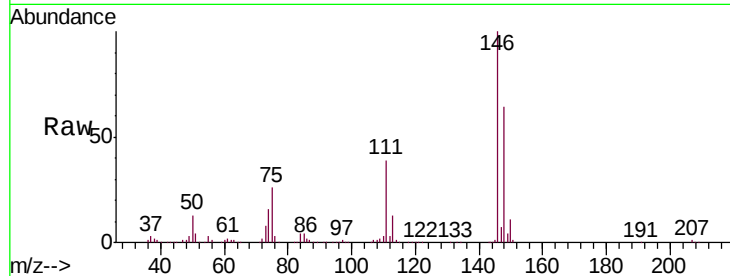
#91
 1,2-Dichlorobenzene
 Concen: 20.483 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	402856		
111	39.1	19.3	57.9	
148	64.8	31.9	95.5	

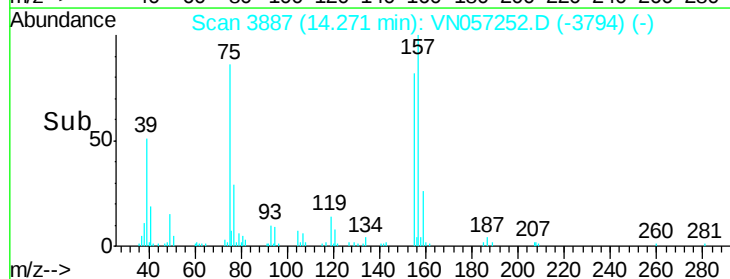
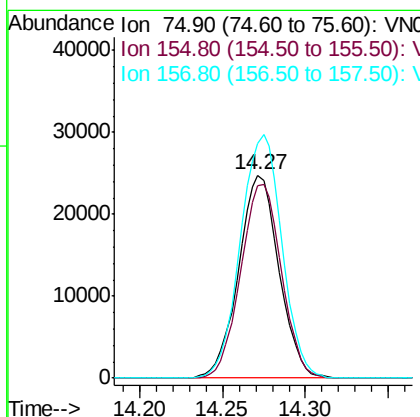
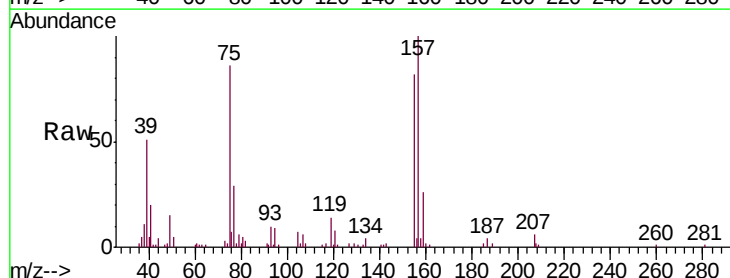
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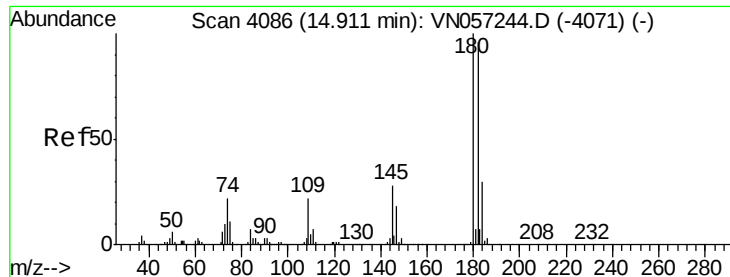
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.568 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41951		
155	95.9	50.3	151.0	
157	123.2	65.3	195.9	





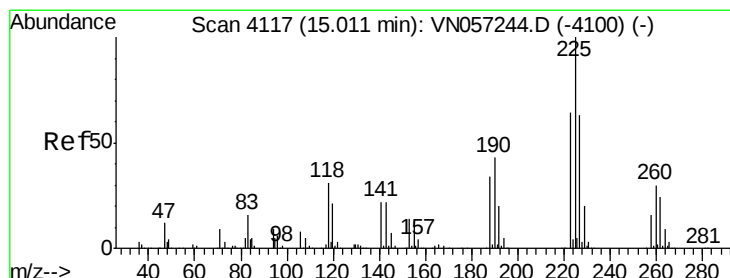
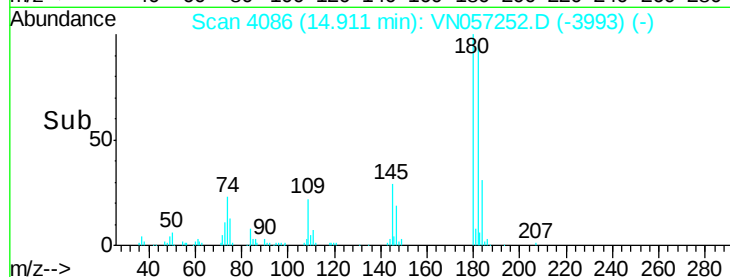
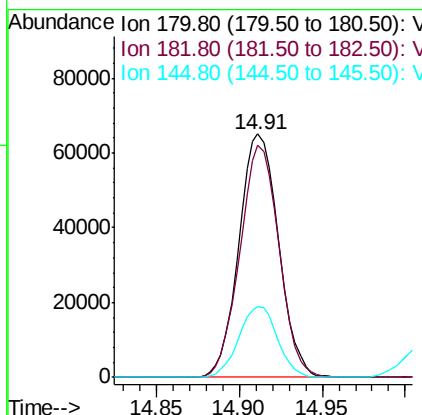
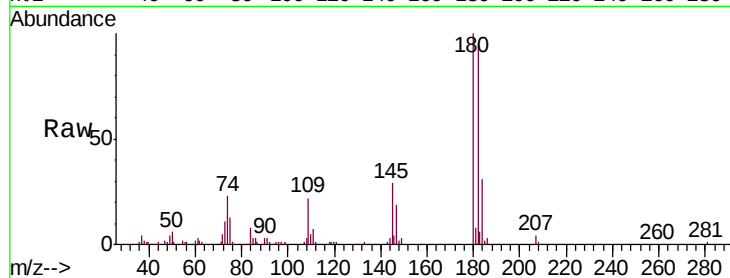
#93
 1,2,4-Trichlorobenzene
 Concen: 16.446 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108200		
182	94.0	47.7	143.1	
145	28.3	14.2	42.6	

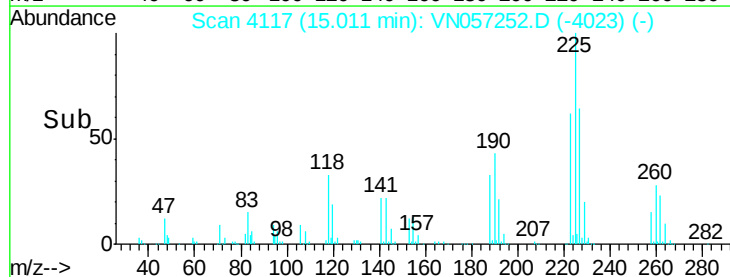
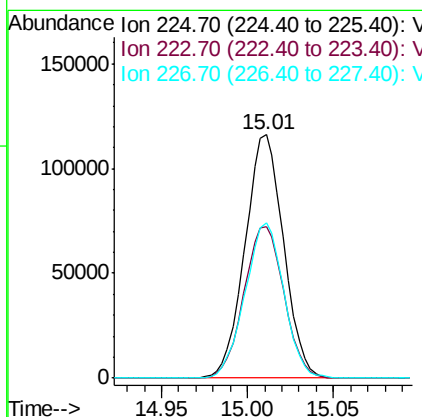
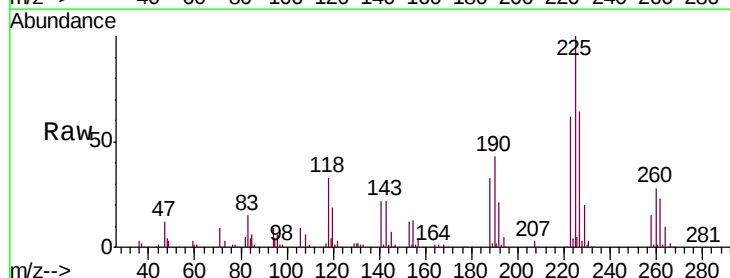
Manual Integrations
 APPROVED

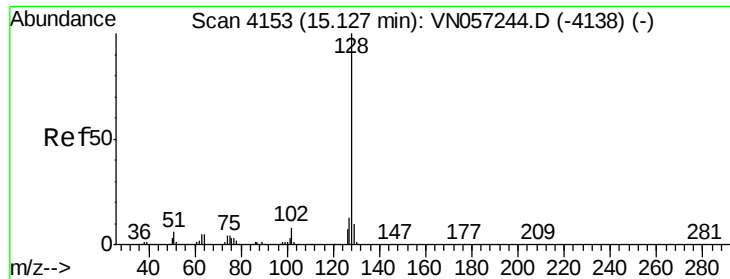
MMDadoda
 8/22/2019 9:48:56 AM



#94
 Hexachlorobutadiene
 Concen: 21.805 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057252.D
 Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	180522		
223	64.7	31.4	94.2	
227	63.9	31.4	94.3	





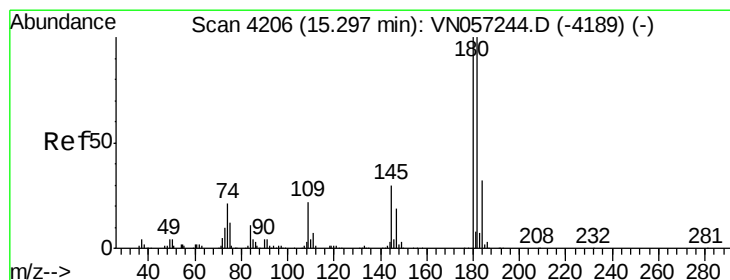
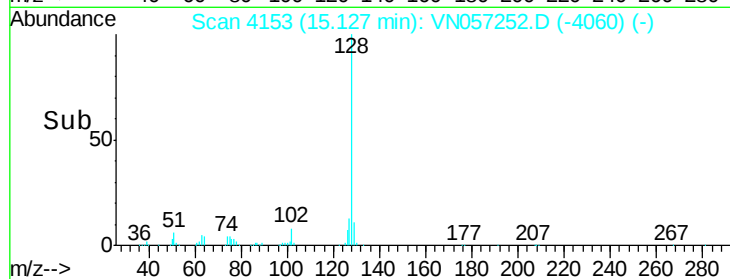
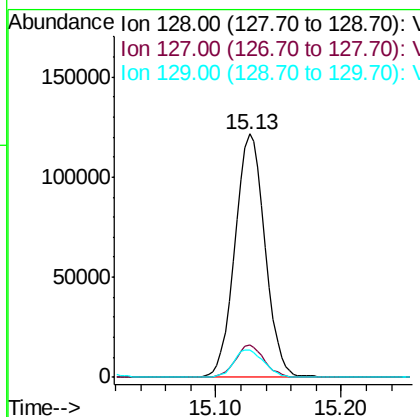
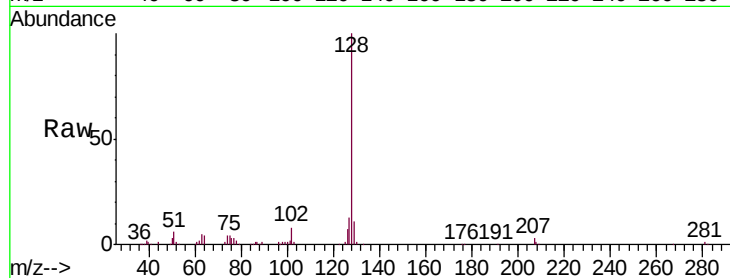
#95
Naphthalene
Concen: 19.903 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	202098		
127	12.8	10.4	15.6	
129	11.5	8.5	12.7	

Manual Integrations
APPROVED

MMDadoda
8/22/2019 9:48:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.834 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN057252.D
Acq: 13 Aug 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	109810		
182	95.6	48.9	146.7	
145	29.3	15.0	45.1	

