

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
 Data File : VN058370.D
 Acq On : 26 Sep 2019 9:06
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 11:18:52 AM

Quant Time: Sep 27 03:33:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	80914	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	475079	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	424705	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	217538	30.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.37%
60) 4-Bromofluorobenzene	12.40	95	214641	29.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.37%
63) Toluene-d8	10.09	98	608746	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	104401	21.456 ug/l	95
3) Chloromethane	2.04	50	114897	20.450 ug/l	100
4) Vinyl Chloride	2.17	62	114467	20.418 ug/l	99
5) Bromomethane	2.55	94	63012	20.700 ug/l	94
6) Chloroethane	2.69	64	68327	20.623 ug/l	99
7) Trichlorofluoromethane	3.00	101	137950	20.898 ug/l	99
8) Diethyl Ether	3.39	74	59591	20.307 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	93748	20.632 ug/l	98
10) 1,1-Dichloroethene	3.72	96	90146	20.294 ug/l	98
11) Methyl Iodide	3.93	142	97427	21.392 ug/l	98
12) Methyl Acetate	4.30	43	111905	18.915 ug/l	98
13) Acrolein	3.59	56	15821	94.045 ug/l	99
14) Acrylonitrile	4.96	53	238039	97.445 ug/l	99
15) Acetone	3.80	58	95997	141.730 ug/l	98
16) Carbon Disulfide	4.03	76	236920	19.193 ug/l	99
17) Allyl chloride	4.30	41	164135	19.782 ug/l	95
18) Methylene Chloride	4.53	84	107854	20.583 ug/l	93
19) trans-1,2-Dichloroethene	5.01	96	100463	20.174 ug/l	94
20) Diisopropyl ether	5.93	45	351813	19.900 ug/l	97
21) 1,1-Dichloroethane	5.83	63	202406	20.459 ug/l	99
22) cis-1,2-Dichloroethene	6.81	96	116752	20.184 ug/l	98
23) tert-Butyl Alcohol	4.75	59	81058	89.887 ug/l	100
24) Methyl tert-Butyl Ether	5.02	73	310650	19.483 ug/l	98
25) Chloroform	7.36	83	202317	20.196 ug/l	100
26) Cyclohexane	7.64	56	182303	19.715 ug/l	# 100
29) 1,1-Dichloropropene	7.78	75	153825	19.836 ug/l	99
30) 2-Butanone	6.81	43	387705	110.107 ug/l	99
31) 2,2-Dichloropropane	6.81	77	164364	20.587 ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	169420	20.255 ug/l	100
33) Carbon Tetrachloride	7.76	117	141446	19.904 ug/l	97
34) Benzene	8.03	78	444655	20.213 ug/l	99
35) Methacrylonitrile	7.15	41	53032	17.510 ug/l	89
36) 1,2-Dichloroethane	8.11	62	168815	19.589 ug/l	99
37) Trichloroethene	8.82	130	109844	19.945 ug/l	98
38) Methylcyclohexane	9.07	83	184073	19.630 ug/l	99
39) 1,2-Dichloropropane	9.11	63	120877	20.144 ug/l	96
40) Dibromomethane	9.20	93	76003	20.068 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	149557	19.979	ug/l	98
42) Vinyl Acetate	5.87	43	1439808	107.094	ug/l	100
43) Ethyl Acetate	6.91	43	141369	20.221	ug/l	100
44) Isopropyl Acetate	8.15	43	230526	18.420	ug/l	99
45) 1,4-Dioxane	9.19	88	37431	354.524	ug/l	95
46) Methyl methacrylate	9.19	41	110364	18.607	ug/l	99
47) n-amyl Acetate	12.07	43	197335	18.115	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	156576	19.142	ug/l	99
49) cis-1,3-Dichloropropene	9.83	75	178661	19.618	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	105219	19.879	ug/l	97
51) Ethyl methacrylate	10.43	69	155622	18.583	ug/l	98
52) 1,3-Dichloropropane	10.71	76	183840	19.557	ug/l	97
53) Dibromochloromethane	10.90	129	100732	18.944	ug/l	97
54) 1,2-Dibromoethane	11.00	107	105220	19.480	ug/l	98
55) 2-Chloroethyl vinyl ether	9.69	63	318074	89.701	ug/l	99
56) Bromoform	12.13	173	60127	17.927	ug/l	97
58) 4-Methyl-2-Pentanone	9.98	43	689469	103.607	ug/l	100
59) 2-Hexanone	10.75	43	541596	107.656	ug/l	99
61) Tetrachloroethene	10.63	164	88600	19.913	ug/l	99
62) Toluene	10.15	91	480524	20.659	ug/l	98
64) Chlorobenzene	11.43	112	287154	20.089	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	97801	19.518	ug/l	99
66) Ethyl Benzene	11.51	91	530418	20.913	ug/l	99
67) m/p-Xylenes	11.62	106	388435	39.891	ug/l	100
68) o-Xylene	11.95	106	183191	19.348	ug/l	94
69) Styrene	11.97	104	310785	19.628	ug/l	99
70) Isopropylbenzene	12.25	105	511074	20.829	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	150954	19.357	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	141593m	21.112	ug/l	
73) Bromobenzene	12.53	156	117199	19.720	ug/l	98
74) n-propylbenzene	12.60	91	603034	21.318	ug/l	99
75) 2-Chlorotoluene	12.68	91	349925	19.776	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	430595	20.381	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	36498	16.683	ug/l	96
78) 4-Chlorotoluene	12.78	91	358885	19.790	ug/l	100
79) tert-butylbenzene	13.00	119	362231	19.802	ug/l	99
80) 1,2,4-Trimethylbenzene	13.05	105	435523	20.652	ug/l	99
81) sec-Butylbenzene	13.18	105	498914	20.795	ug/l	100
82) p-Isopropyltoluene	13.29	119	441210	20.420	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	212328	19.364	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	207290	18.995	ug/l	99
85) n-Butylbenzene	13.62	91	409825	20.416	ug/l	99
86) Hexachloroethane	13.88	117	66041	18.924	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	208960	19.516	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	26752	17.576	ug/l	99
89) 1,2,4-Trichlorobenzene	14.92	180	123964	17.722	ug/l	98
90) Hexachlorobutadiene	15.02	225	65685	19.407	ug/l	97
91) Naphthalene	15.13	128	353346	18.394	ug/l	99
92) 1,2,3-Trichlorobenzene	15.30	180	125276	18.647	ug/l	98

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ClientSampleId :
VSTDCCC020

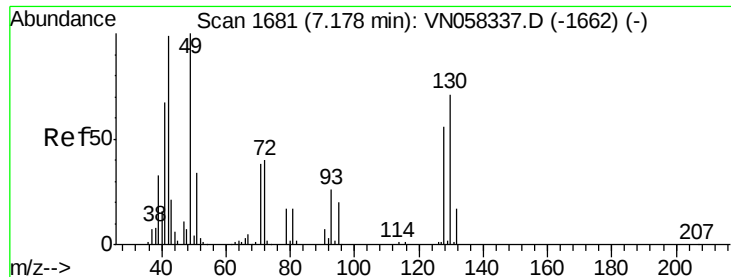
Manual Integrations
APPROVED

MMDadoda
9/27/2019 11:18:52 AM

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

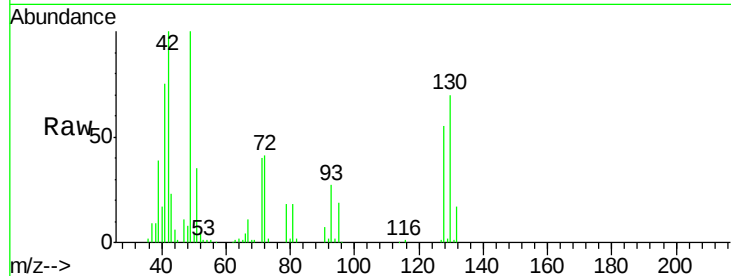
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	80914
Ion	Ratio	Lower	Upper
128	100		
49	187.4	0.0	458.5
130	130.5	0.0	320.7

Manual Integrations
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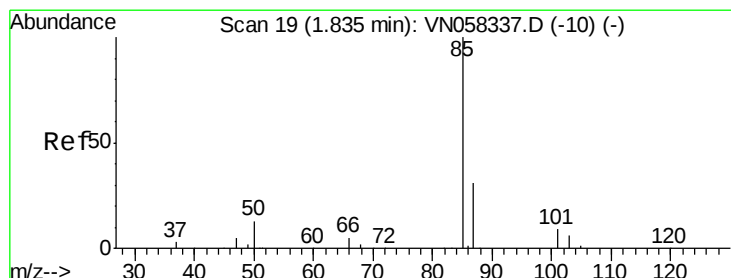
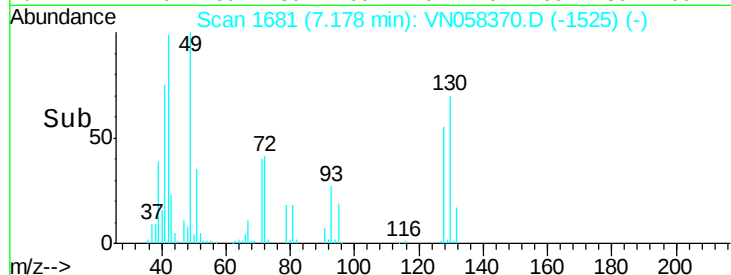
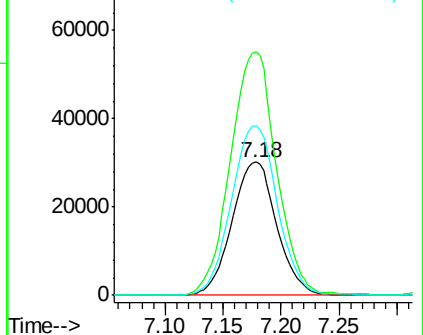
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.456 ug/l

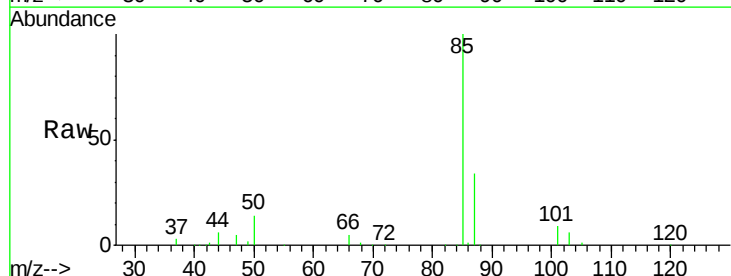
RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058370.D

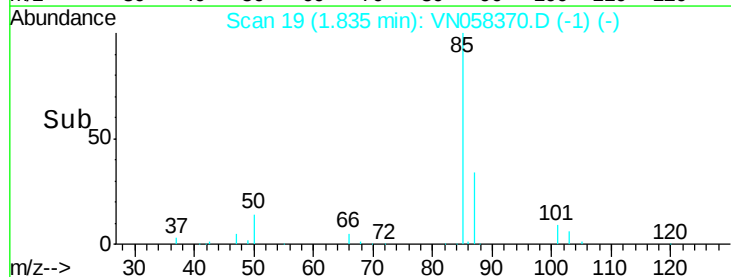
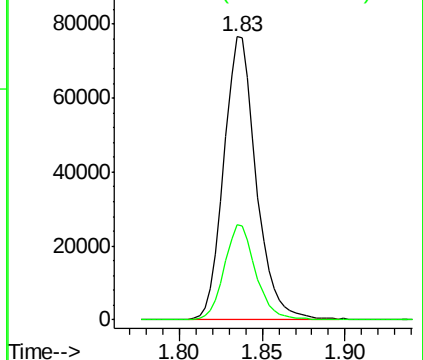
Acq: 26 Sep 2019 9:06

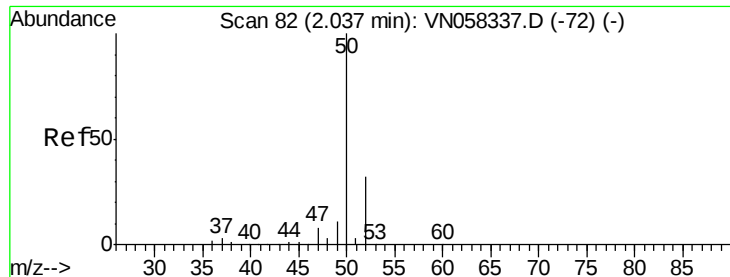
Tgt Ion:	85	Resp:	104401
Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.5	46.5



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





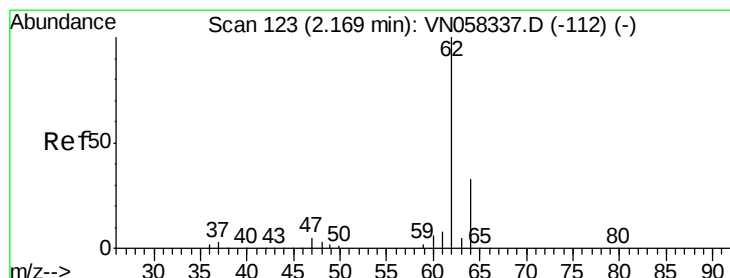
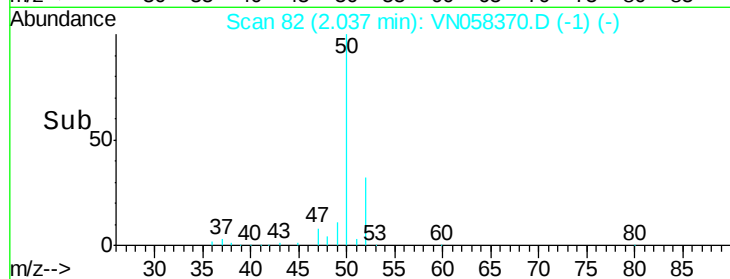
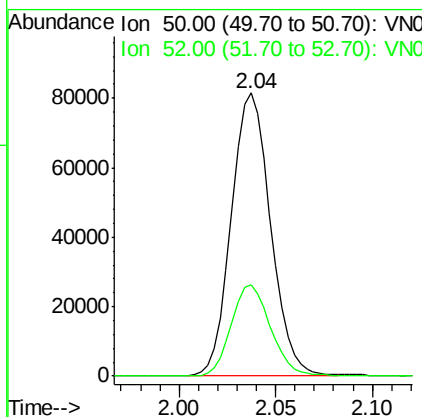
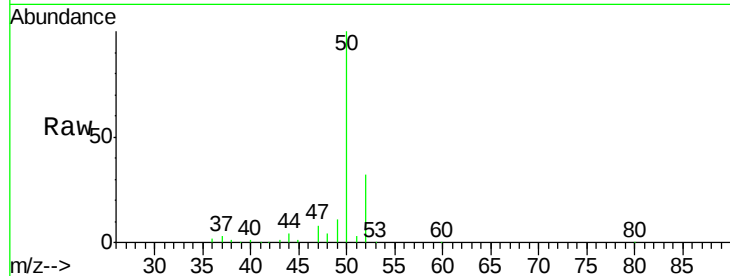
#3
Chloromethane
Concen: 20.450 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	50	Resp	114897
Ion Ratio	100	Lower	Upper
50	100		
52	32.2	25.9	38.9

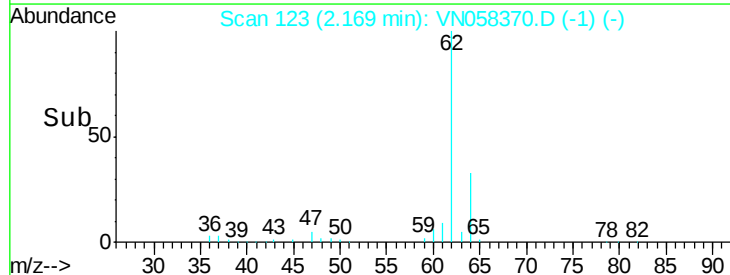
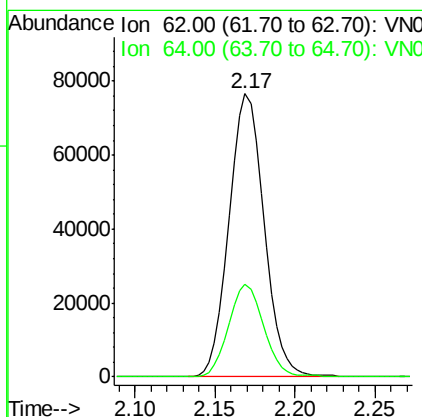
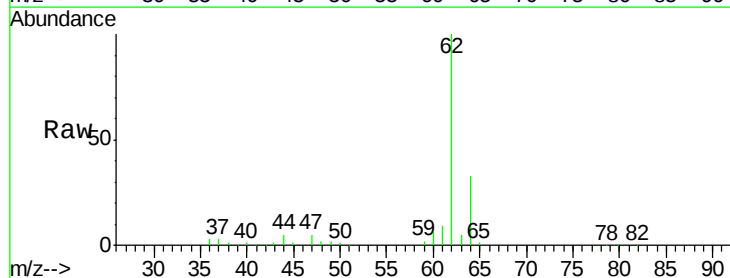
Manual Integrations
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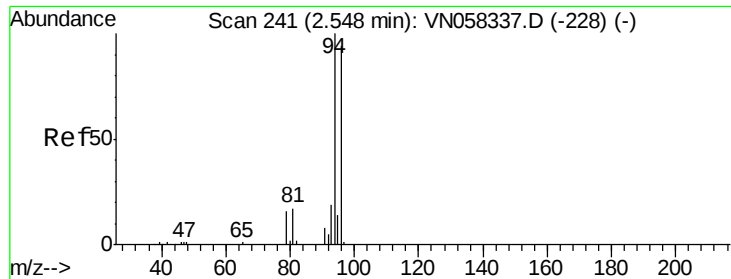
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#4
Vinyl Chloride
Concen: 20.418 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	62	Resp	114467
Ion Ratio	100	Lower	Upper
62	100		
64	32.6	26.6	40.0





#5

Bromomethane

Concen: 20.700 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 63012

Ion Ratio Lower Upper

94 100

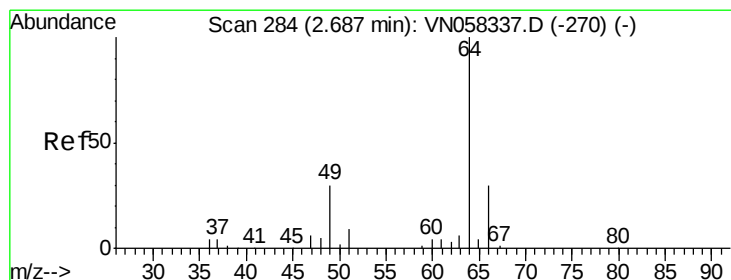
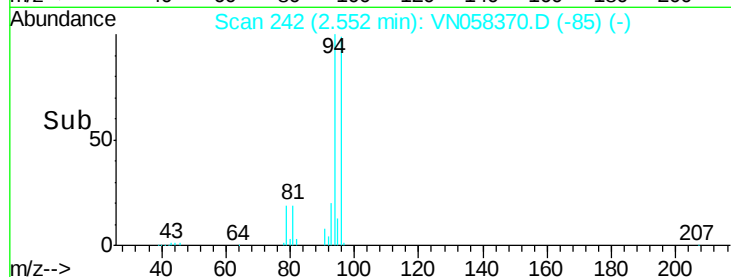
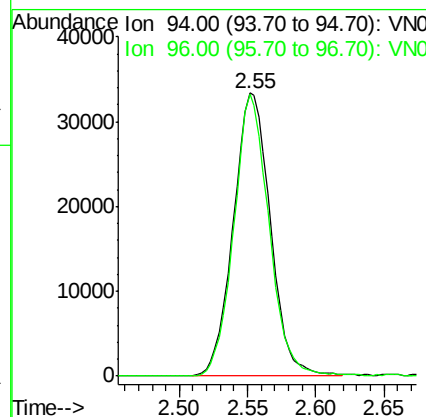
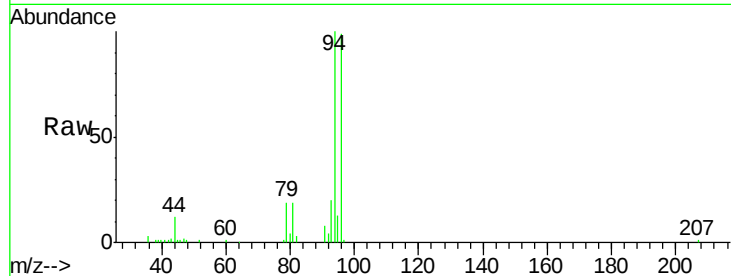
96 99.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 20.623 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.00 min

Lab File: VN058370.D

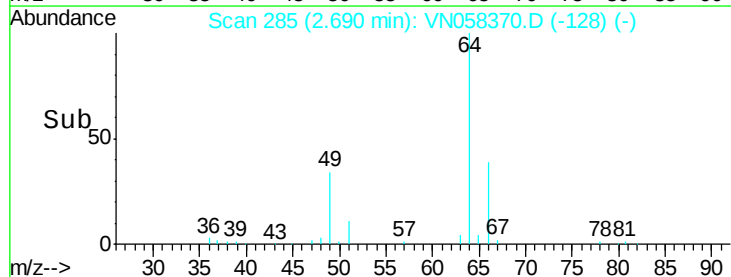
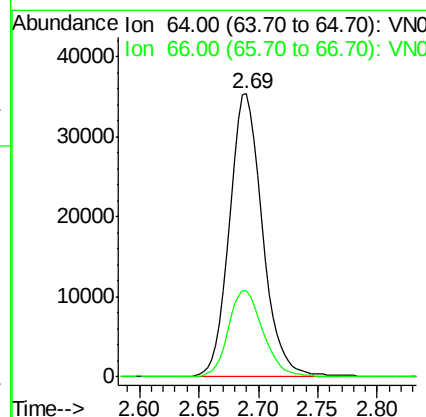
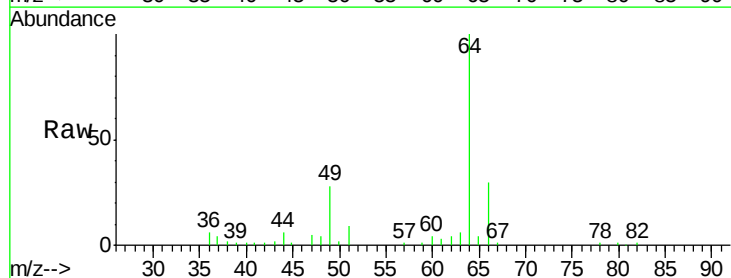
Acq: 26 Sep 2019 9:06

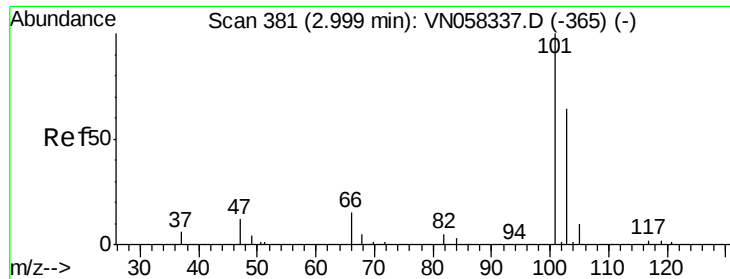
Tgt Ion: 64 Resp: 68327

Ion Ratio Lower Upper

64 100

66 30.4 23.8 35.6





#7

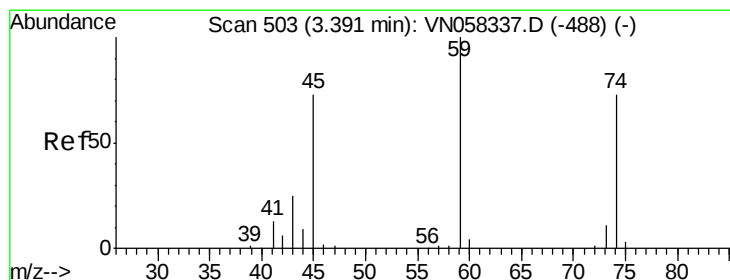
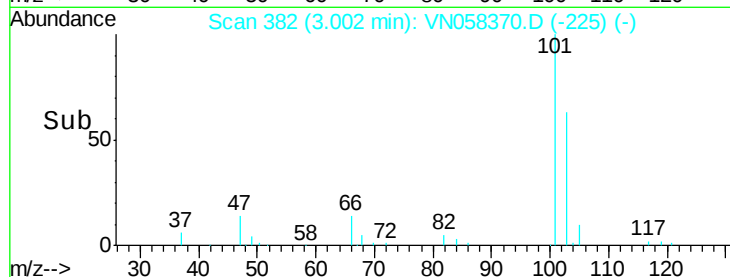
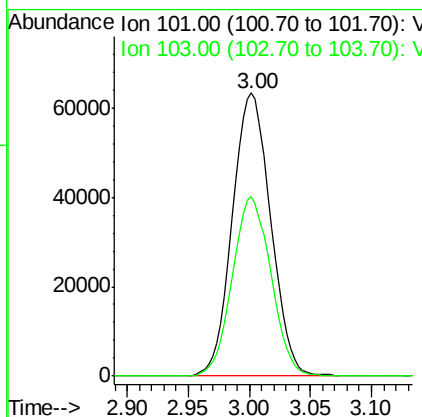
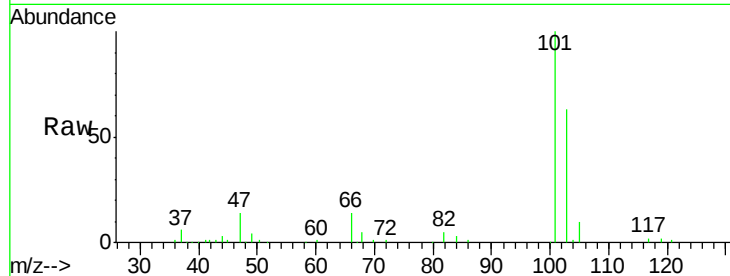
Trichlorofluoromethane
Concen: 20.898 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.5	77.3

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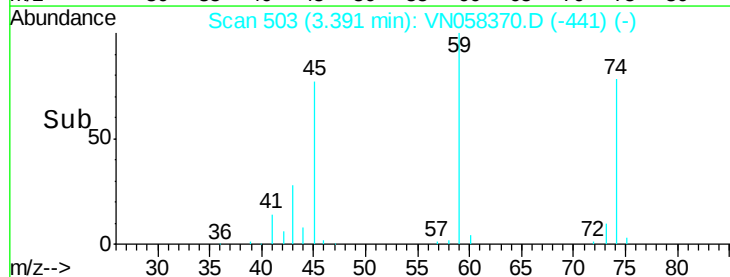
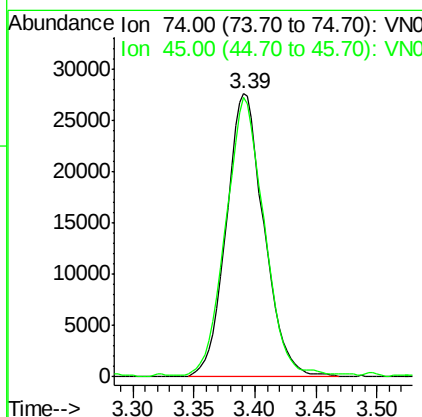
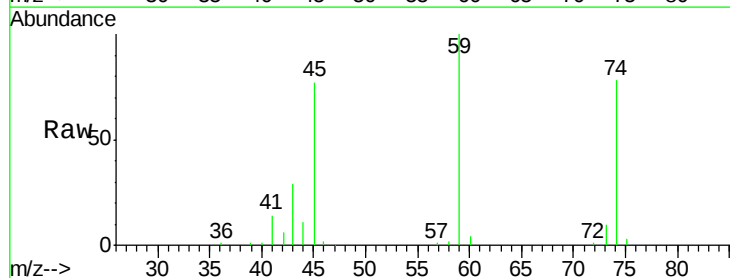
MMDadoda
9/27/2019 11:18:52 AM

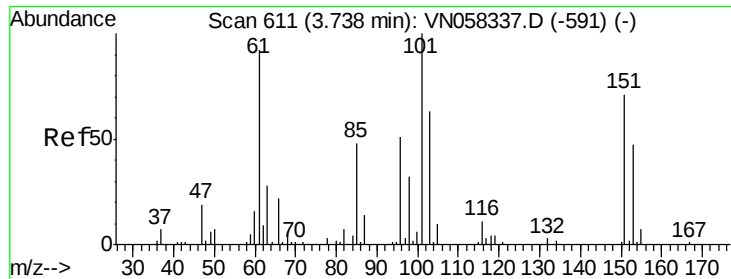


#8

Diethyl Ether
Concen: 20.307 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	20.8	187.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.632 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

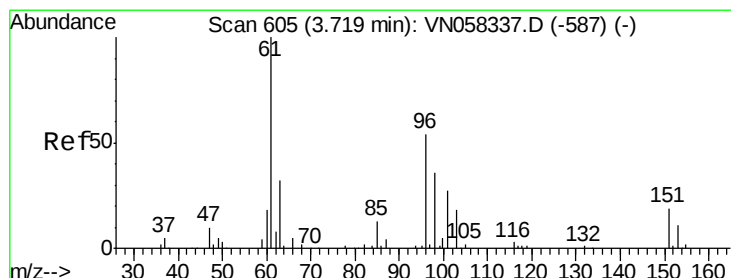
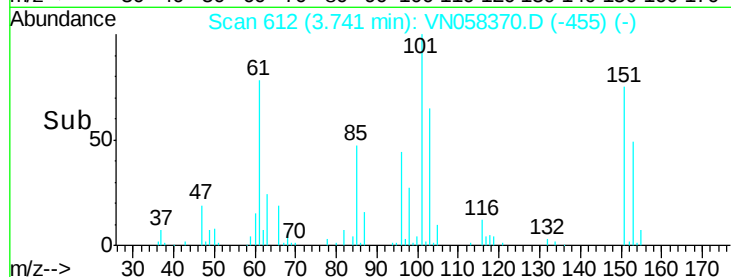
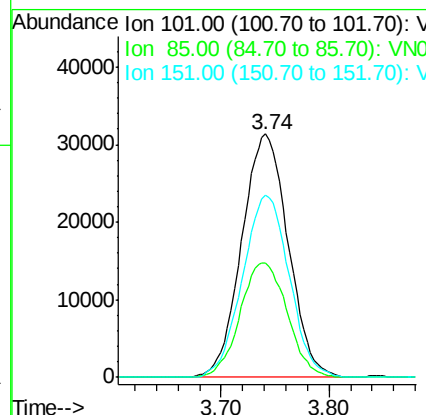
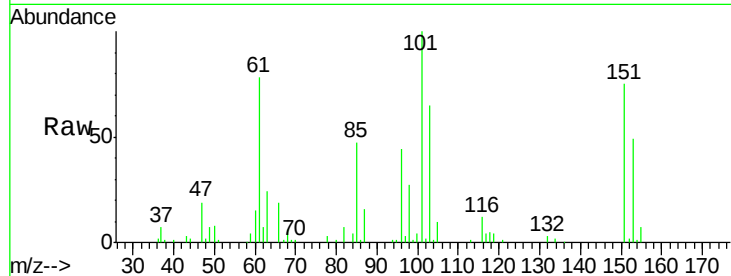
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	93748
Ion Ratio	Lower	Upper	
101	100		
85	47.7	0.0	93.0
151	75.3	0.0	147.2

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#10

1,1-Dichloroethene

Concen: 20.294 ug/l

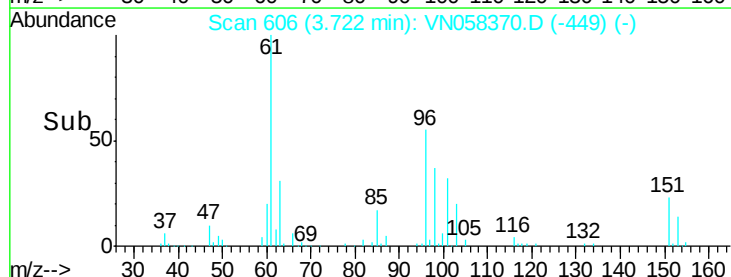
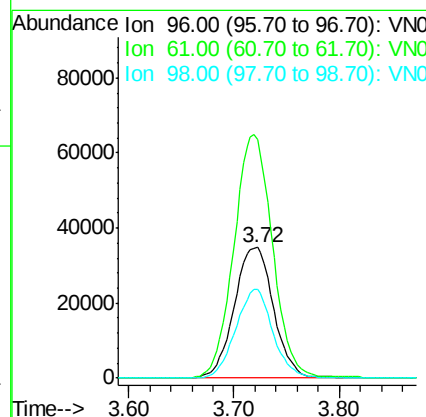
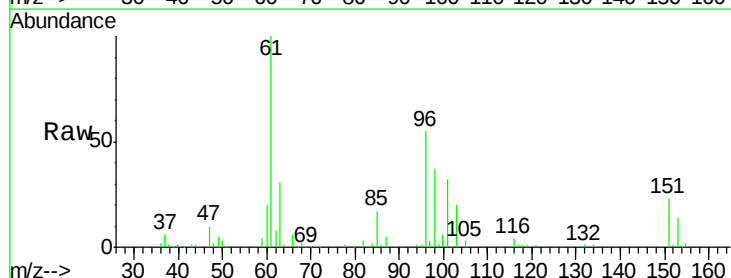
RT: 3.72 min Scan# 606

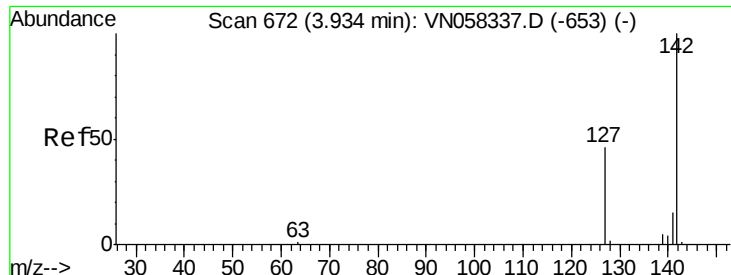
Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Tgt Ion:	96	Resp:	90146
Ion Ratio	Lower	Upper	
96	100		
61	181.6	146.9	220.3
98	67.8	52.3	78.5





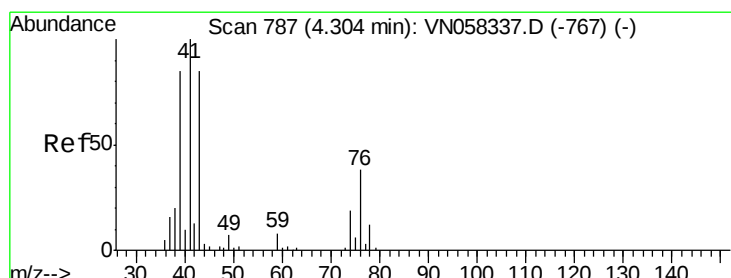
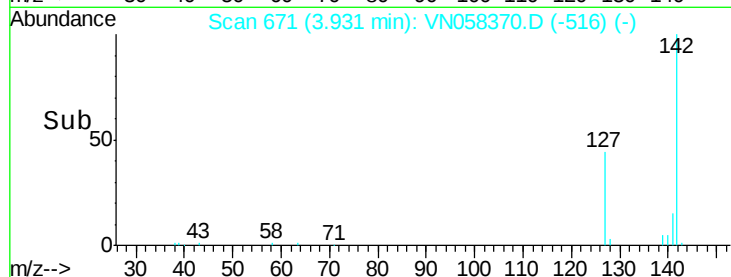
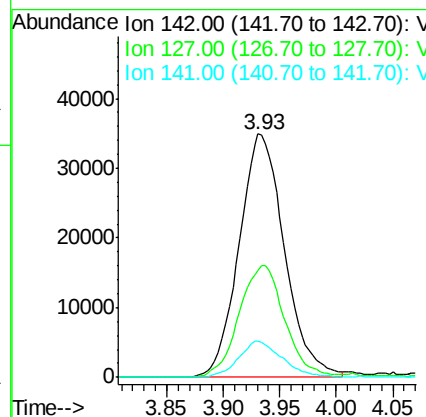
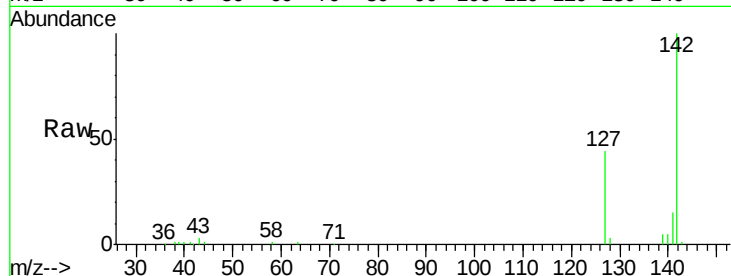
#11
Methyl Iodide
Concen: 21.392 ug/l
RT: 3.93 min Scan# 671
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.7	22.9	68.7
141	14.9	7.4	22.3

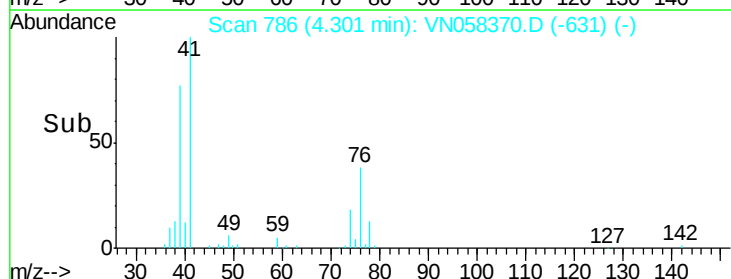
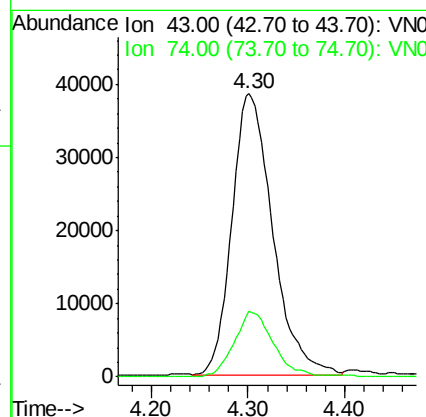
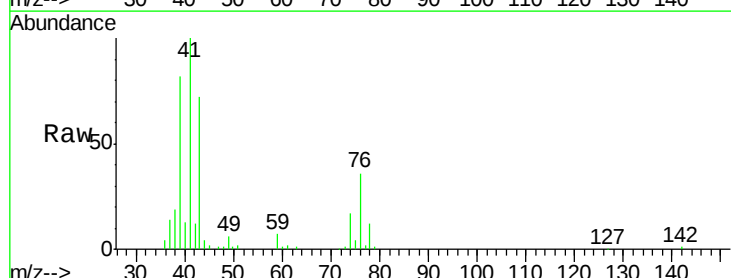
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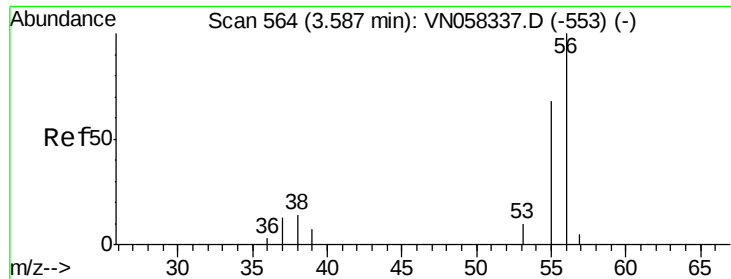
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9/27/2019 11:18:52 AM



#12
Methyl Acetate
Concen: 18.915 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.8	26.6





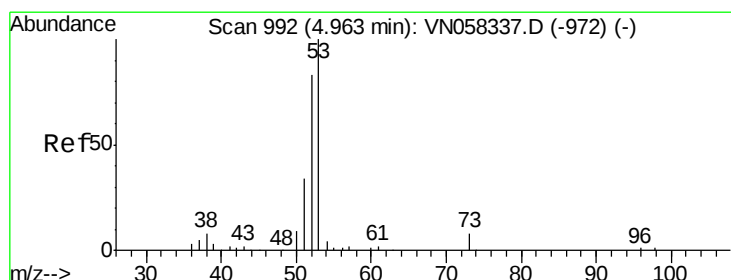
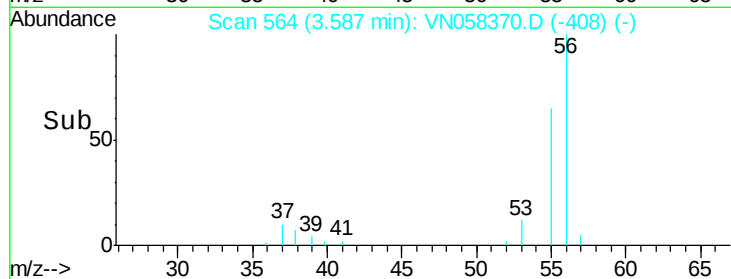
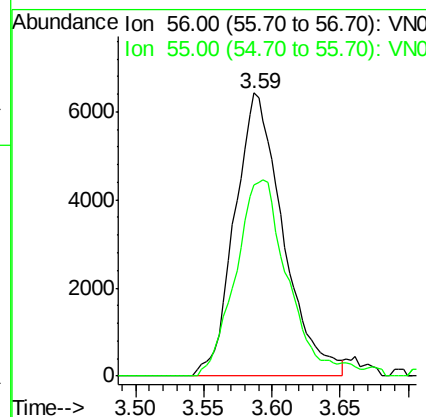
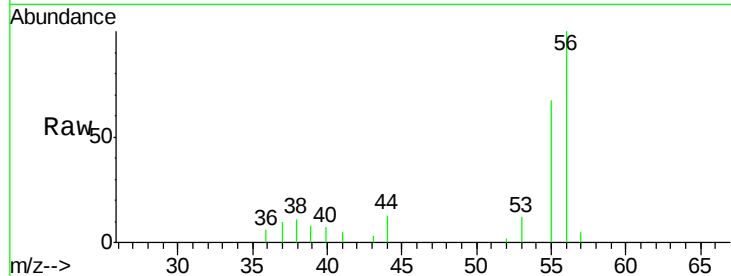
#13
Acrolein
Concen: 94.045 ug/l
RT: 3.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.2	58.4	87.6	

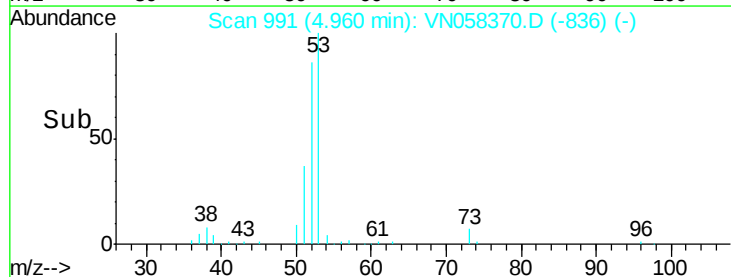
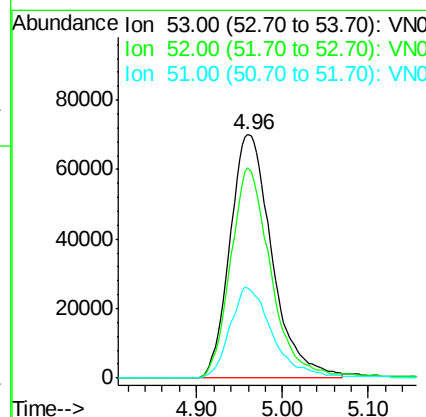
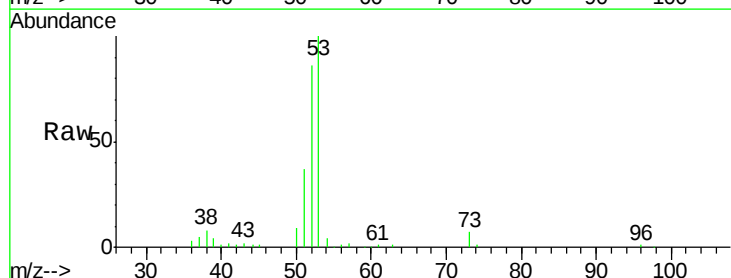
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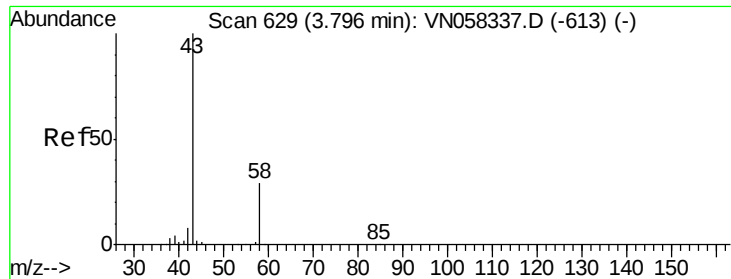
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#14
Acrylonitrile
Concen: 97.445 ug/l
RT: 4.96 min Scan# 991
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.0	41.3	123.7	
51	35.6	18.3	54.8	





#15

Acetone

Concen: 141.730 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 95997

Ion Ratio Lower Upper

58 100

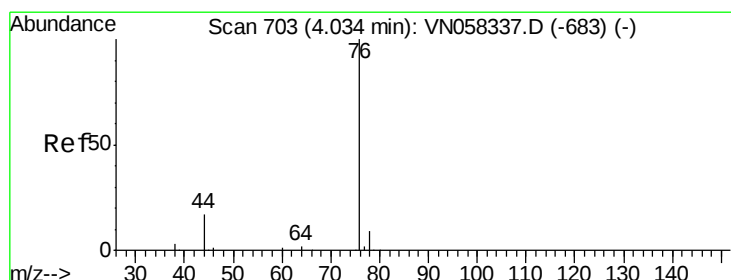
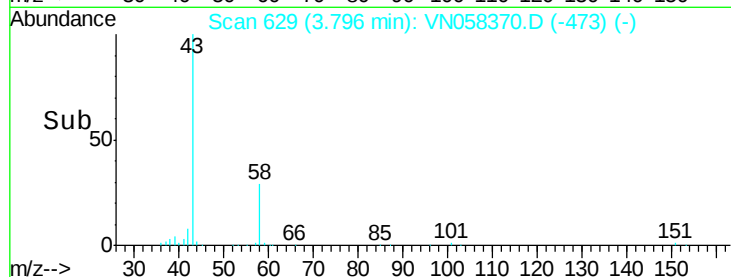
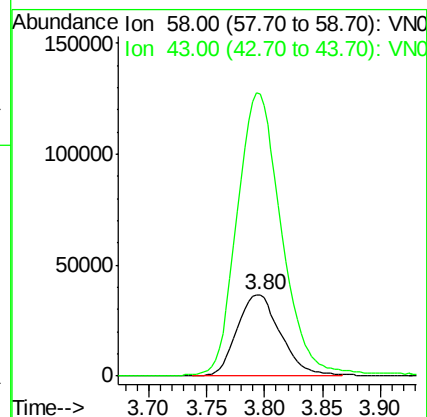
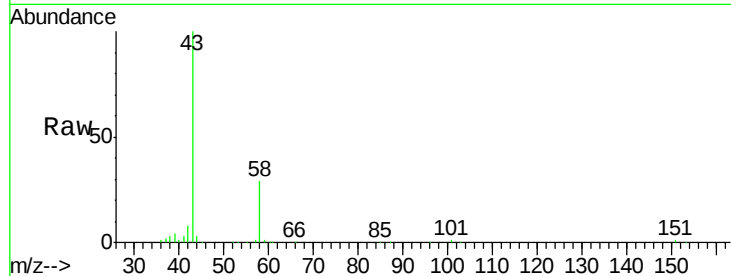
43 345.7 272.6 409.0

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.193 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058370.D

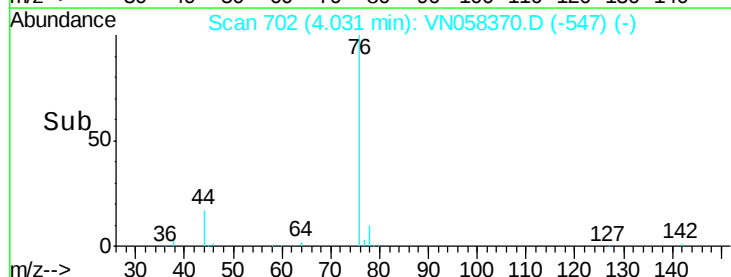
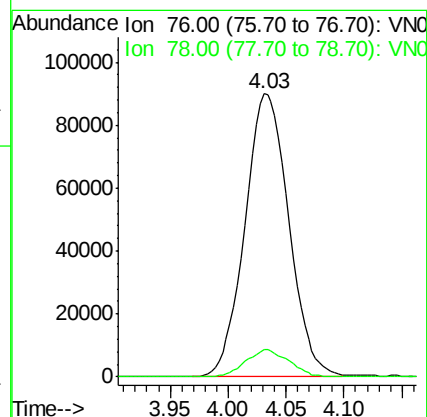
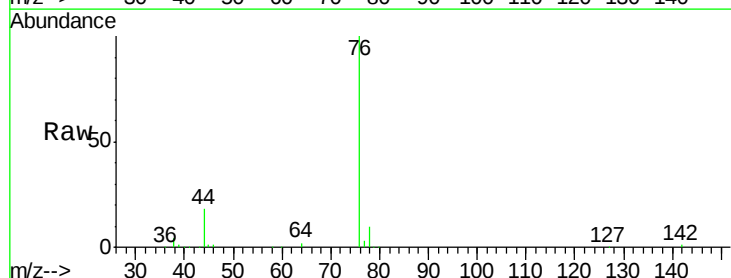
Acq: 26 Sep 2019 9:06

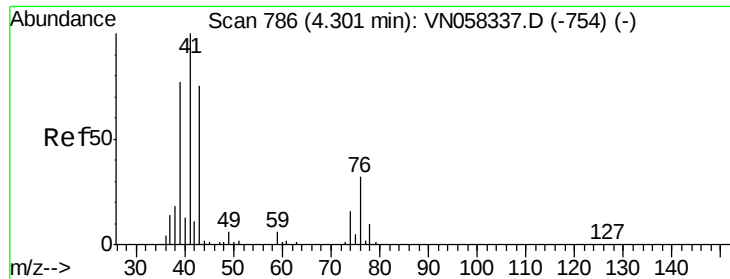
Tgt Ion: 76 Resp: 236920

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2





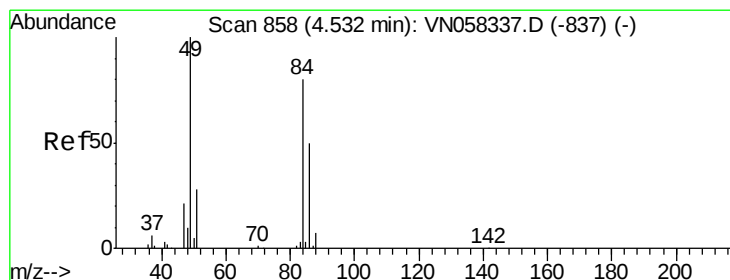
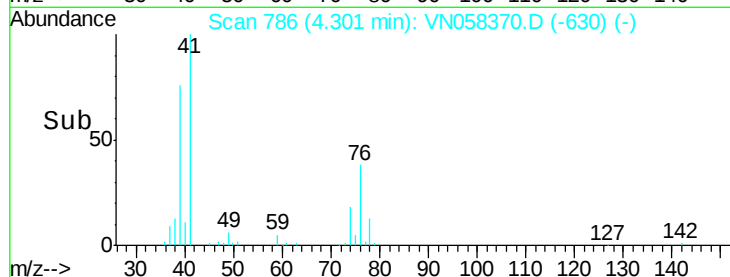
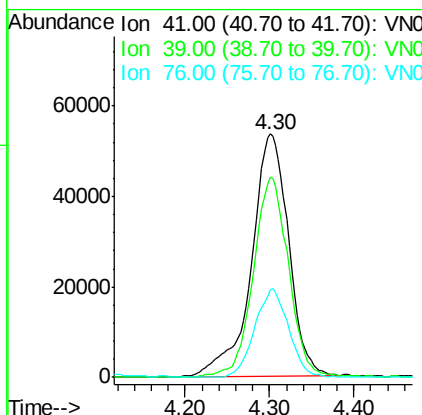
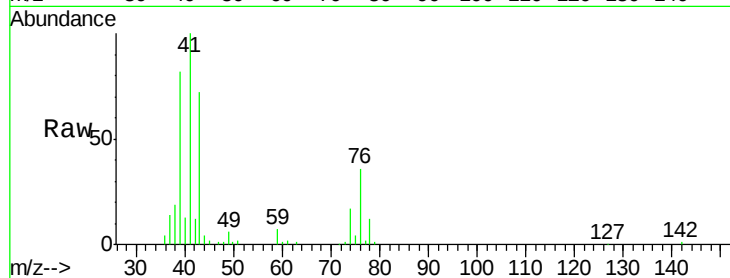
#17
Allvl chloride
Concen: 19.782 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	82.1	38.7	116.1
76	35.9	16.4	49.1

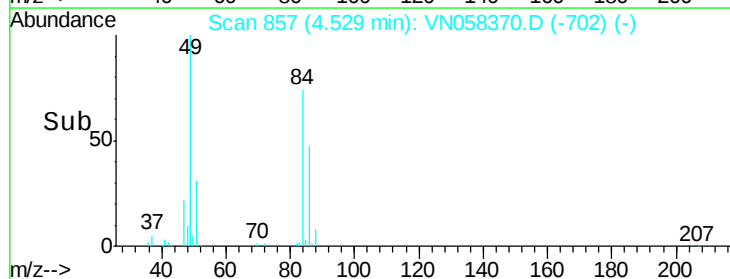
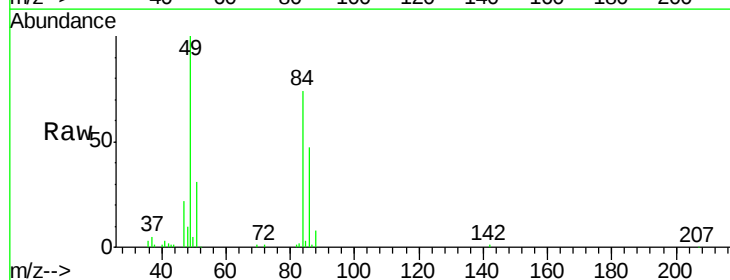
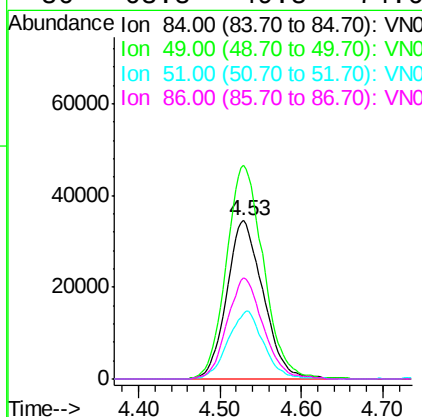
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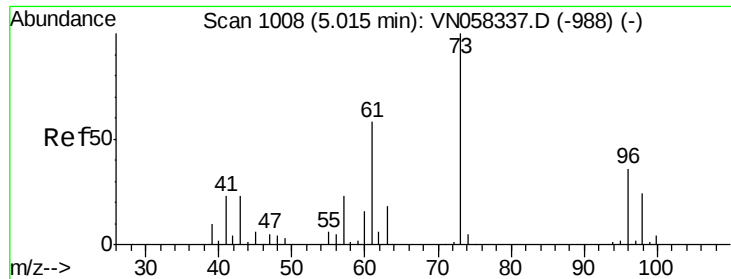
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#18
Methylene Chloride
Concen: 20.583 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.8	99.8	149.6
51	41.4	28.3	42.5
86	63.8	49.8	74.6





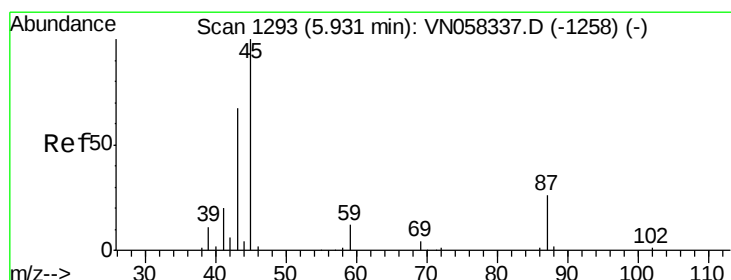
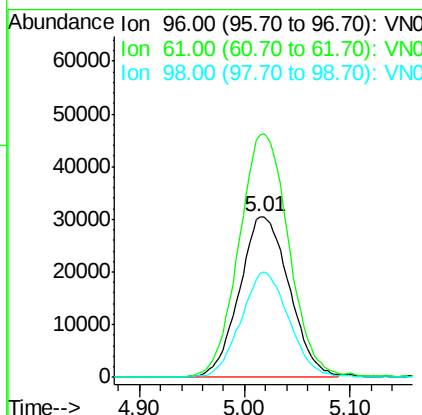
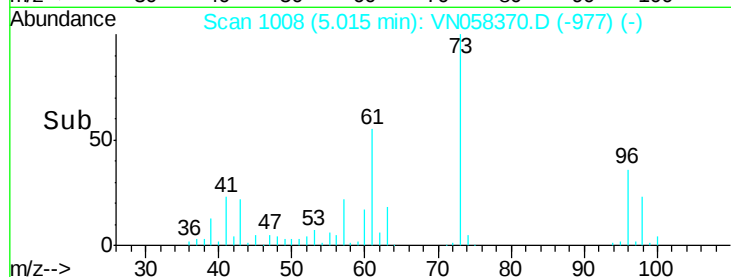
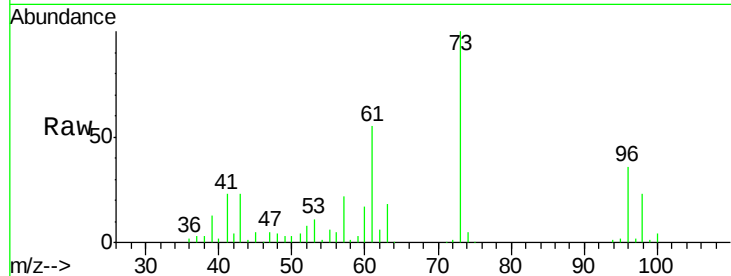
#19
trans-1,2-Dichloroethene
Concen: 20.174 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	128.0	192.0
98	64.7	53.0	79.6

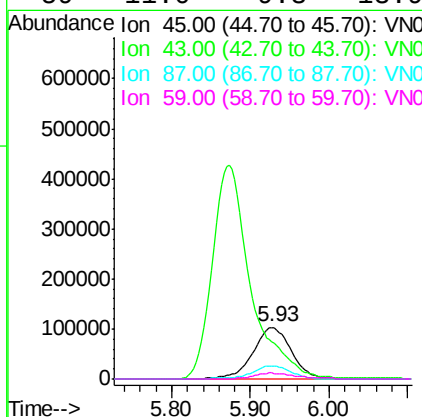
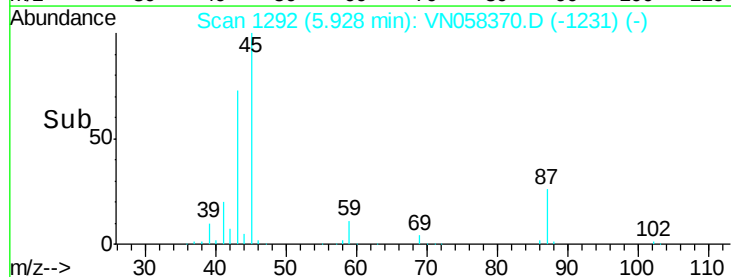
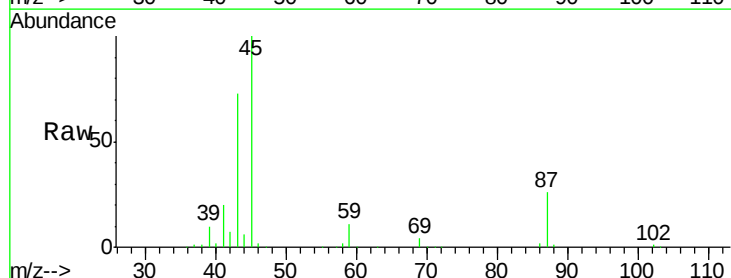
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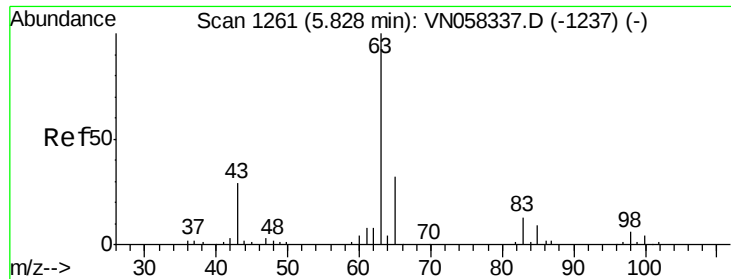
MMDadoda
9/27/2019 11:18:52 AM



#20
Diisopropyl ether
Concen: 19.900 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.0	54.1	81.1
87	25.5	21.4	32.2
59	11.0	9.3	13.9





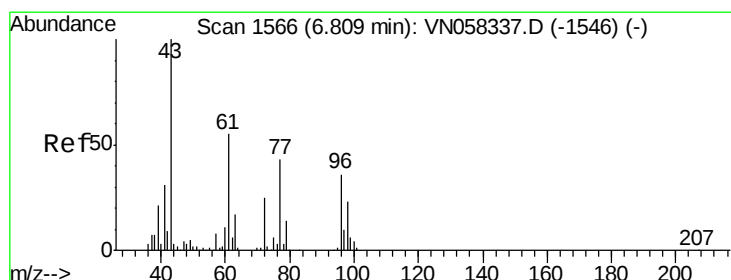
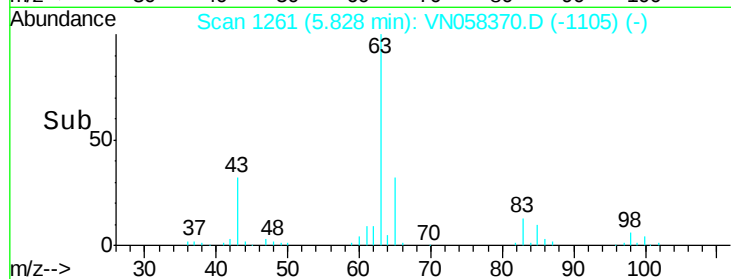
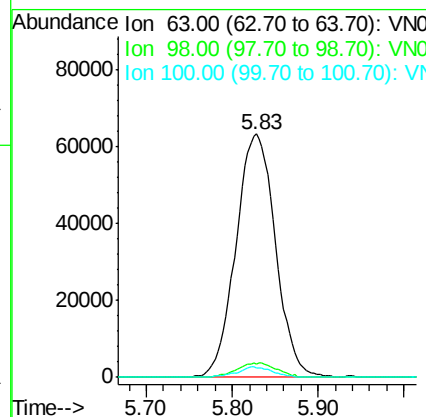
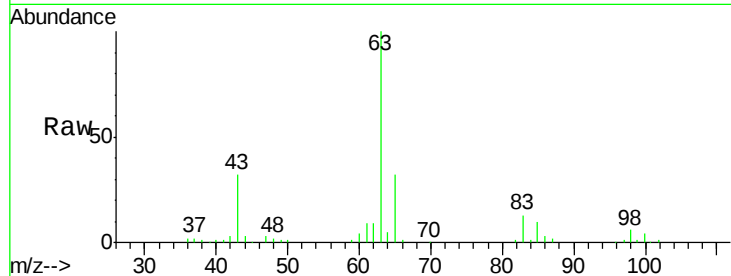
#21
 1,1-Dichloroethane
 Concen: 20.459 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	202406		
98	5.7		3.0	9.2
100	4.2		2.1	6.5

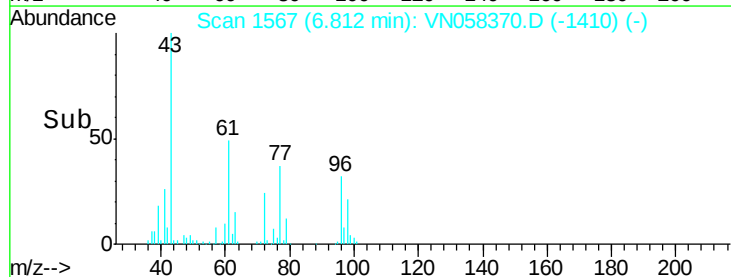
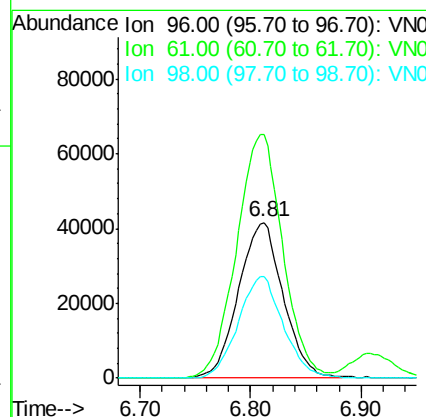
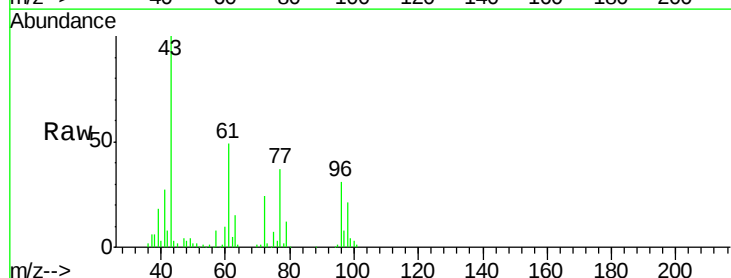
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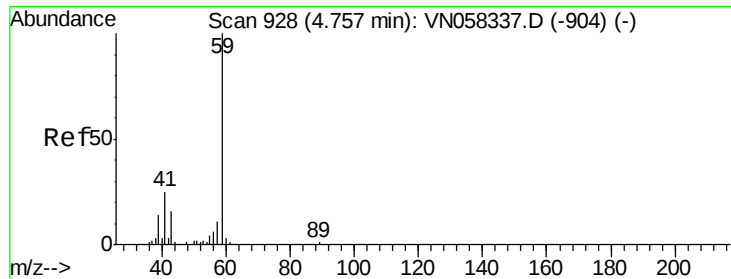
MMDadoda
 9/27/2019 11:18:52 AM



#22
 cis-1,2-Dichloroethene
 Concen: 20.184 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	116752		
61	161.4		128.2	192.2
98	65.9		50.6	76.0





#23

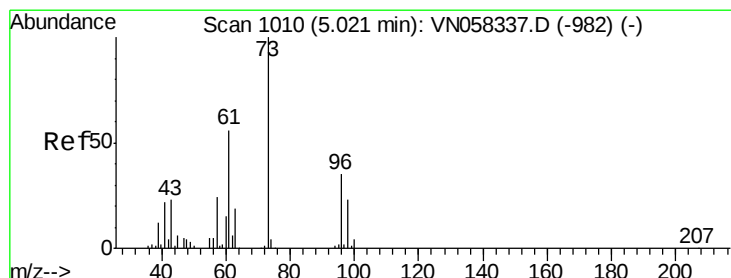
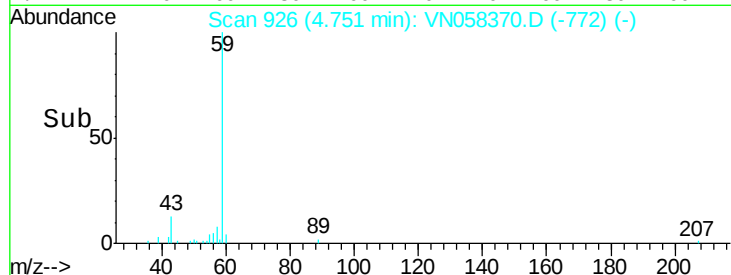
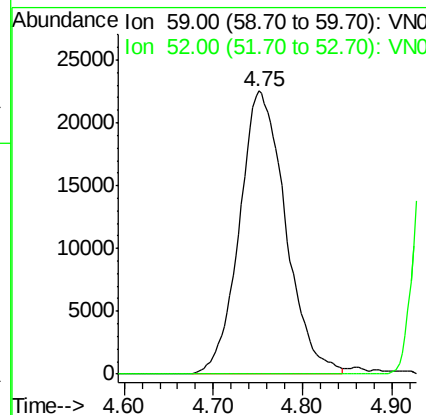
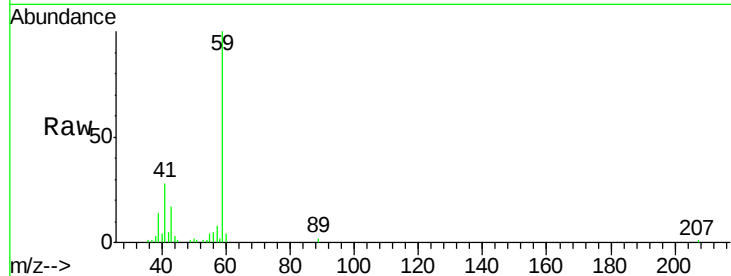
tert-Butyl Alcohol
 Concen: 89.887 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1

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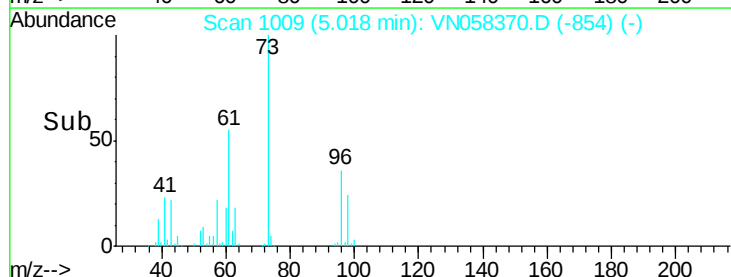
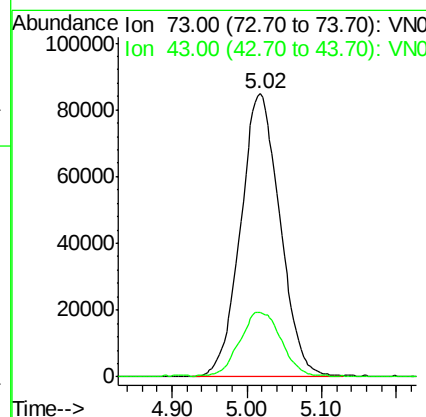
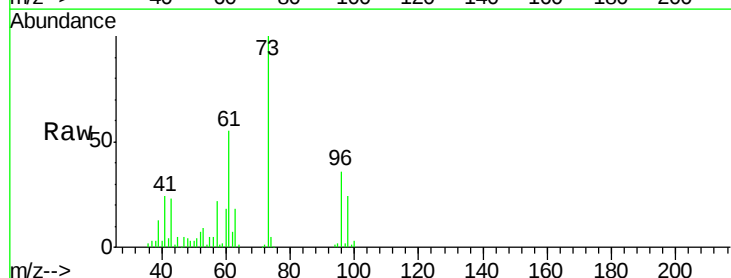
MMDadoda
 9/27/2019 11:18:52 AM

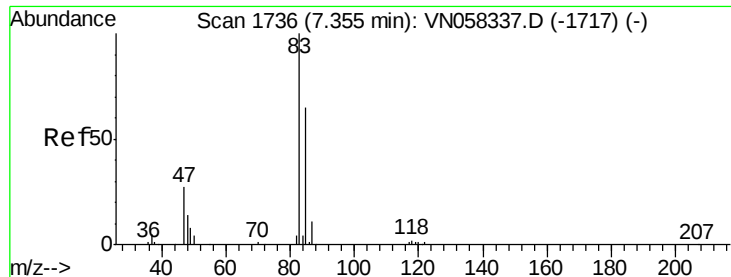


#24

Methyl tert-Butyl Ether
 Concen: 19.483 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.8	18.4	27.6





#25

Chloroform

Concen: 20.196 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 202317

Ion Ratio Lower Upper

83 100

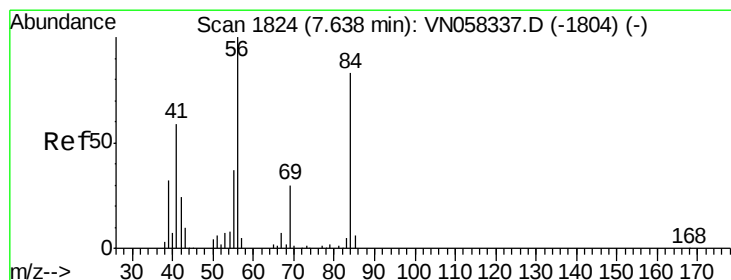
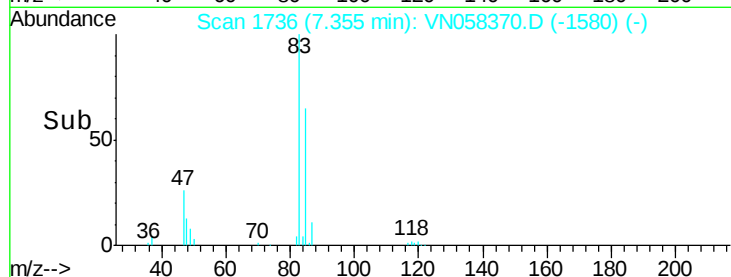
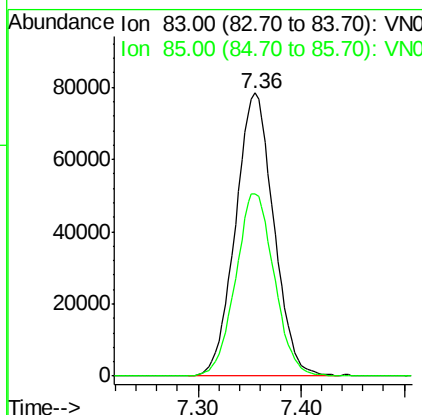
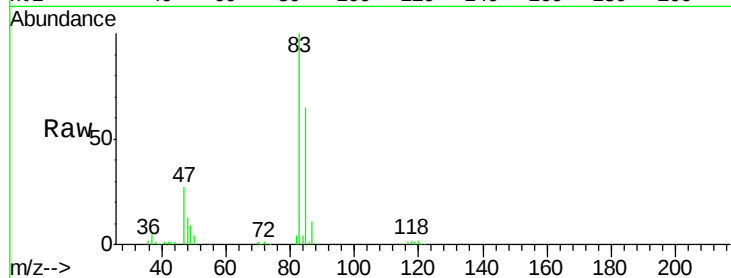
85 64.6 51.8 77.6

Manual Integrations

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9/27/2019 11:18:52 AM



#26

Cyclohexane

Concen: 19.715 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

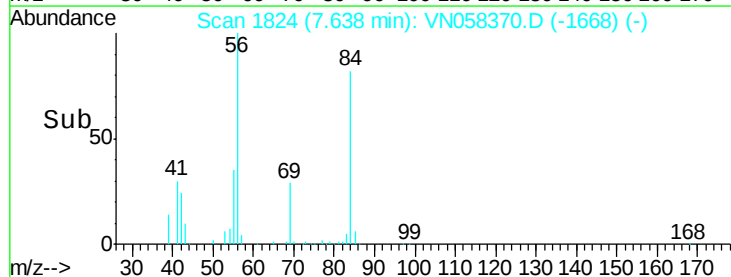
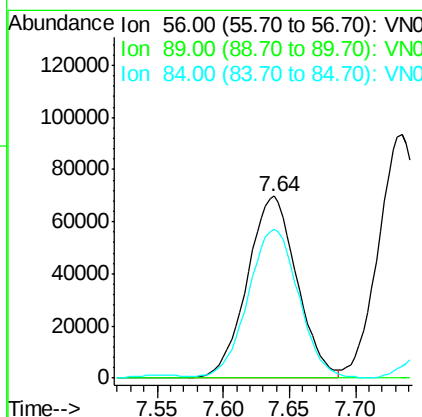
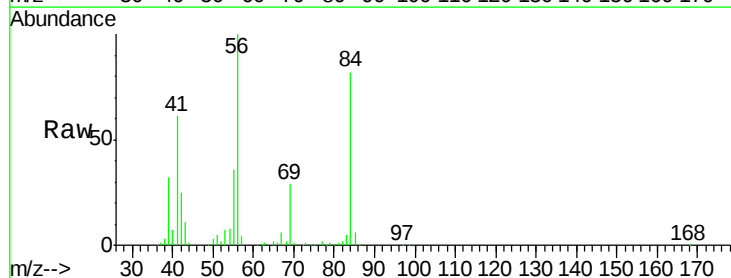
Tgt Ion: 56 Resp: 182303

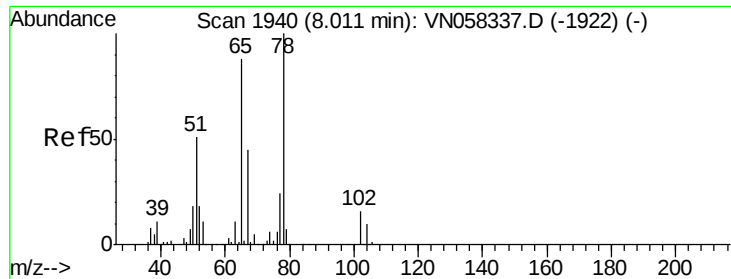
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 83.6 66.9 100.3





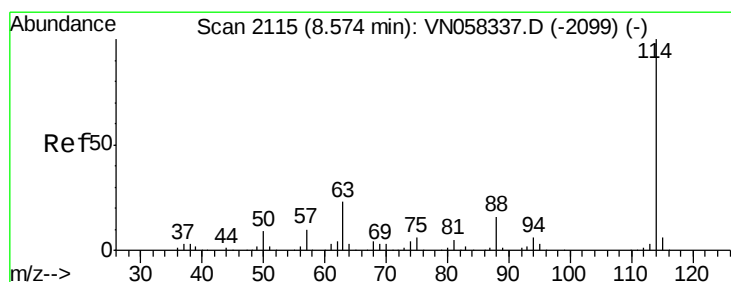
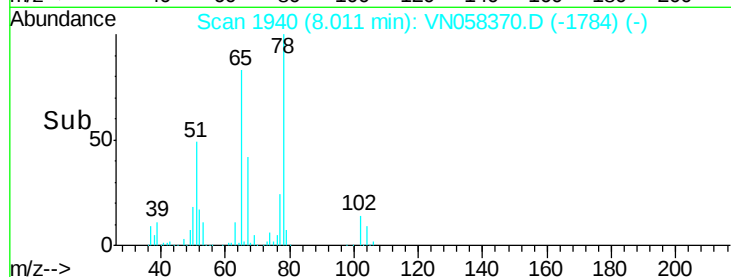
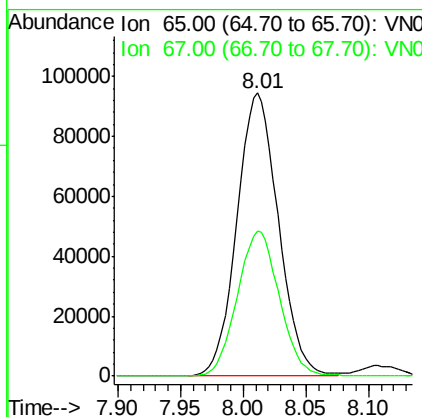
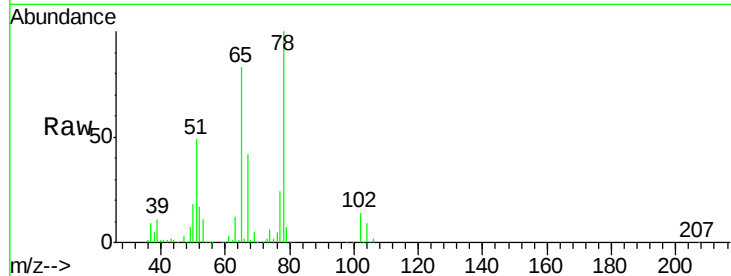
#27
 1,2-Dichloroethane-d4
 Concen: 30.413 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 65 Resp: 217538
 Ion Ratio Lower Upper
 65 100
 67 52.0 40.4 60.6

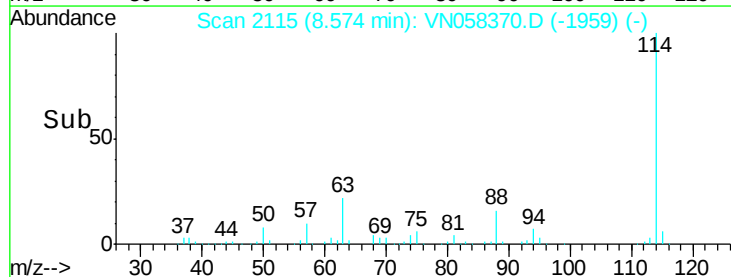
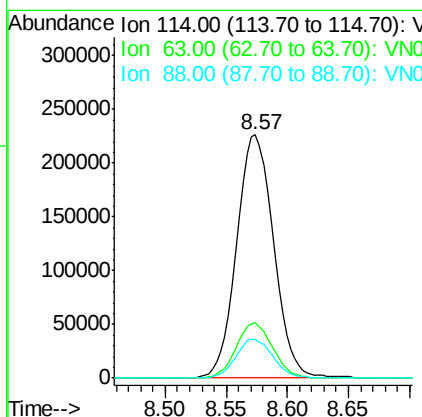
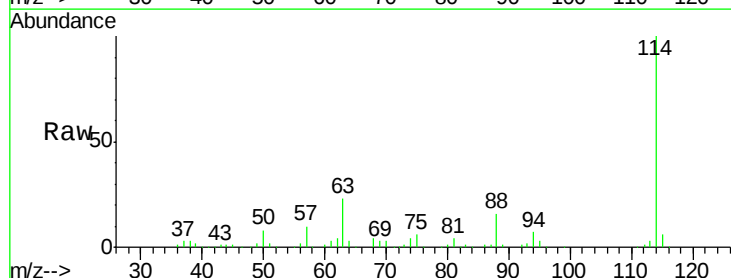
Manual Integrations
 APPROVED

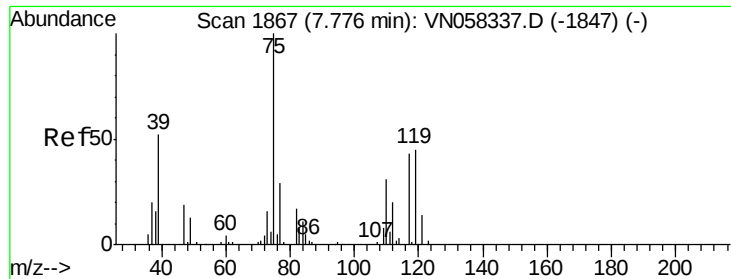
MMDadoda
 9/27/2019 11:18:52 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion: 114 Resp: 475079
 Ion Ratio Lower Upper
 114 100
 63 22.7 17.8 26.8
 88 16.1 12.7 19.1





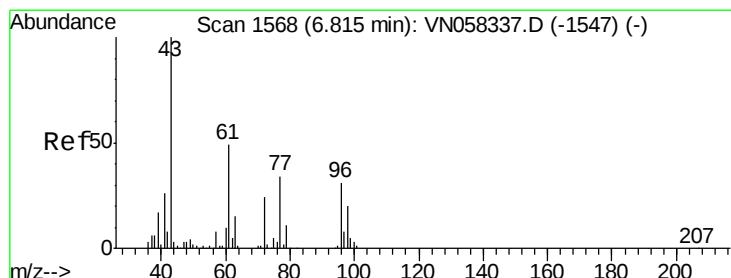
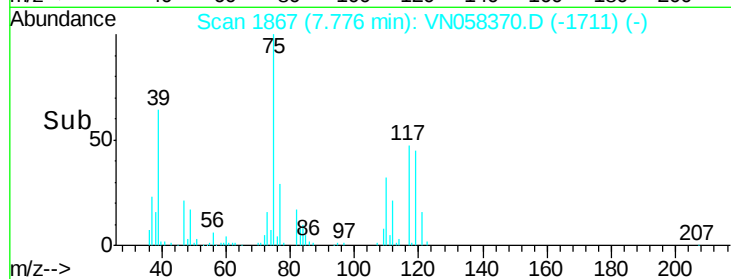
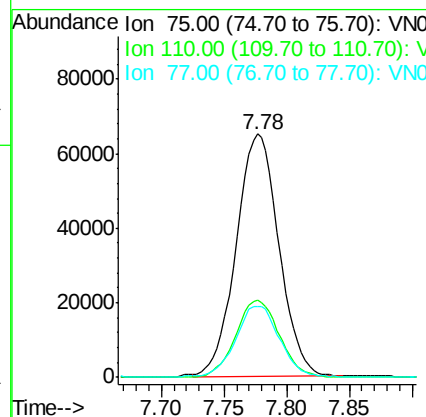
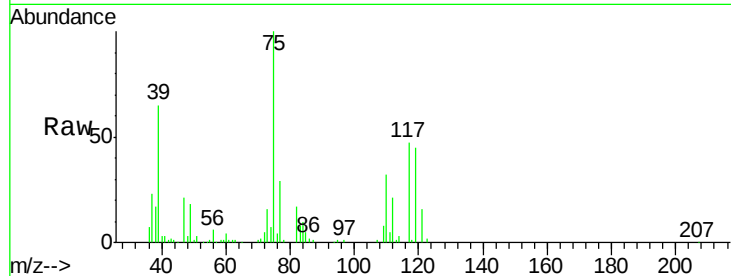
#29
 1,1-Dichloropropene
 Concen: 19.836 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	32.4	0.0	63.6
77	30.4	0.0	59.4

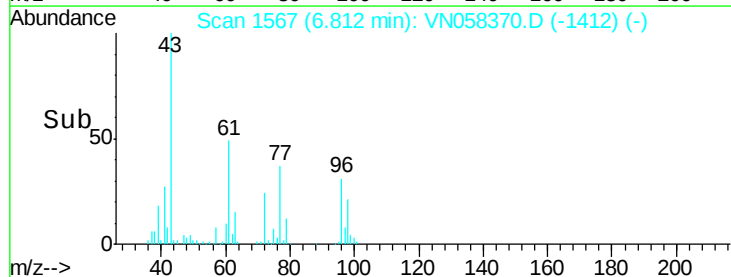
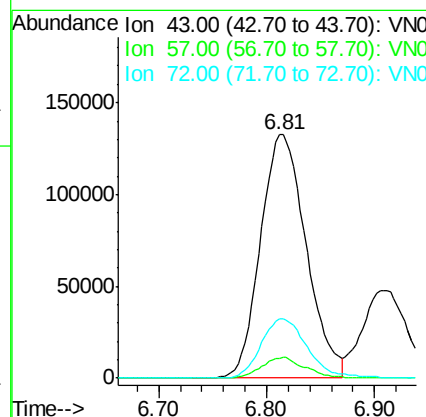
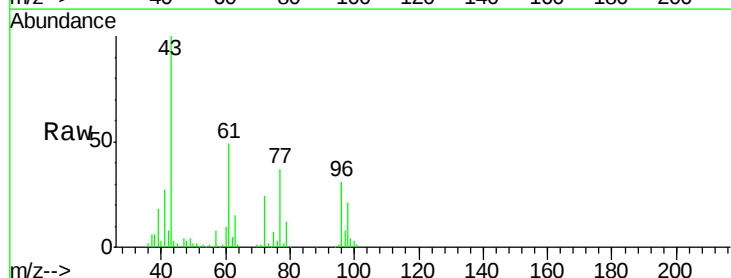
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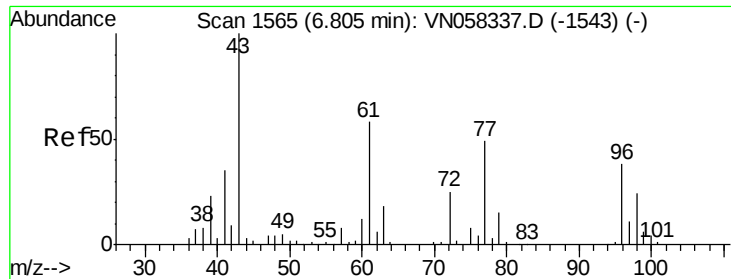
MMDadoda
 9/27/2019 11:18:52 AM



#30
 2-Butanone
 Concen: 110.107 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.2	9.4
72	24.9	20.3	30.5





#31

2,2-Dichloropropane

Concen: 20.587 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 164364

Ion Ratio Lower Upper

77 100

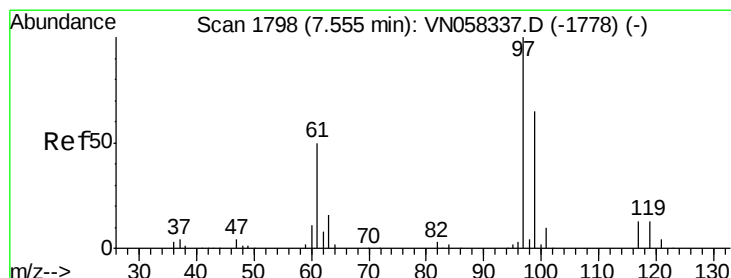
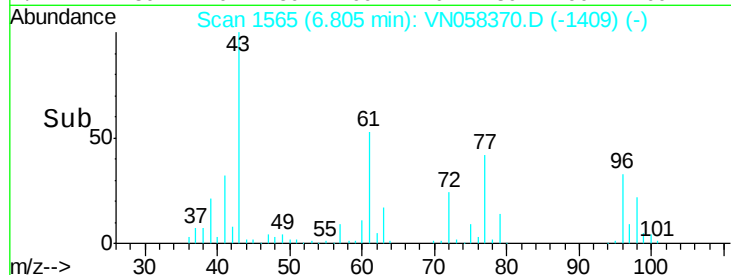
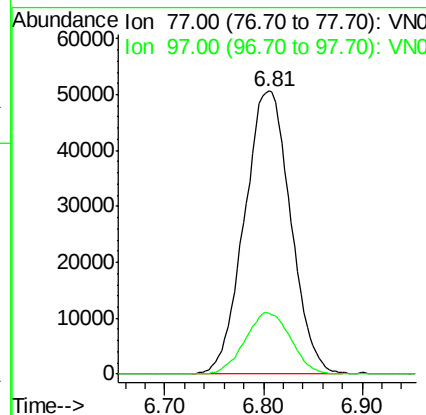
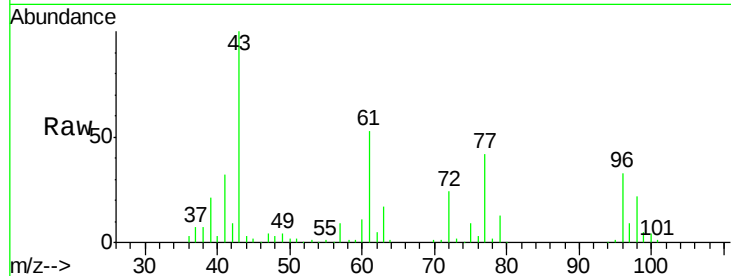
97 21.4 17.6 26.4

Manual Integrations

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MMDadoda

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#32

1,1,1-Trichloroethane

Concen: 20.255 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

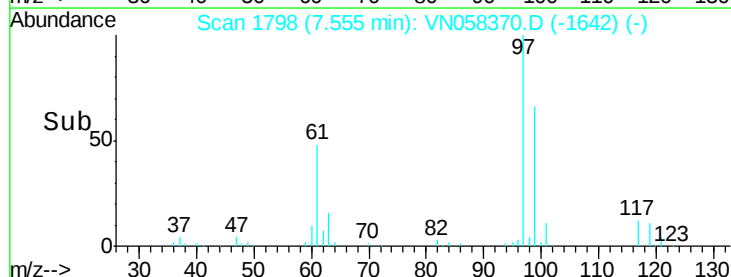
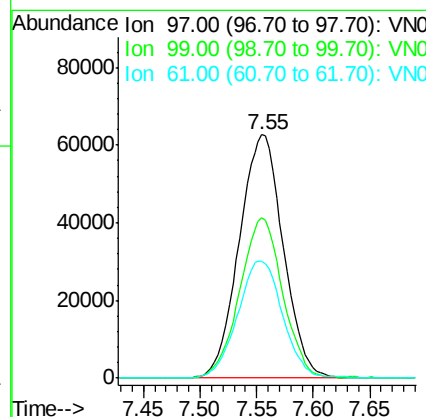
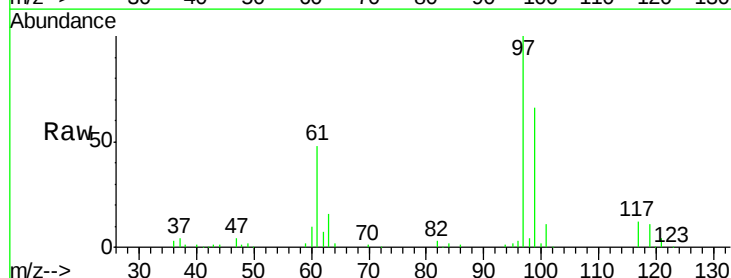
Tgt Ion: 97 Resp: 169420

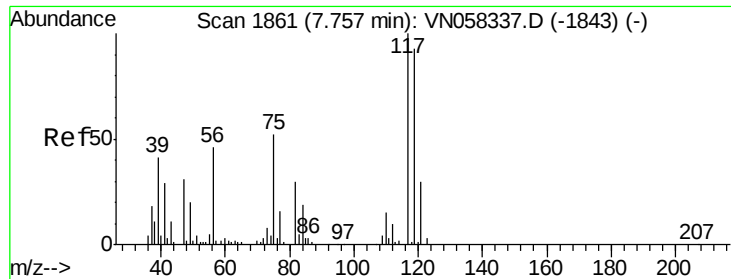
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 49.1 39.4 59.2





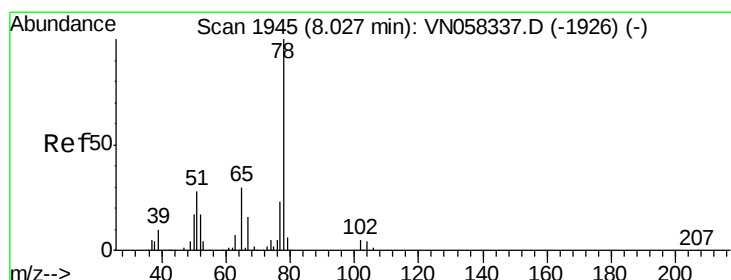
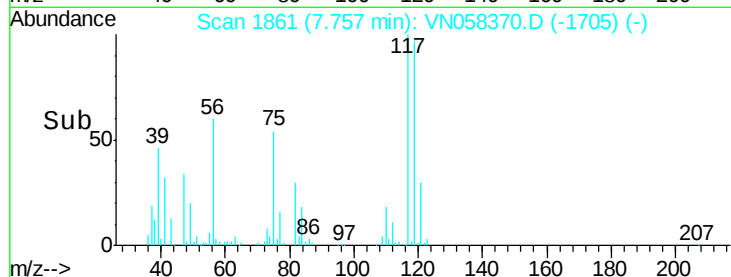
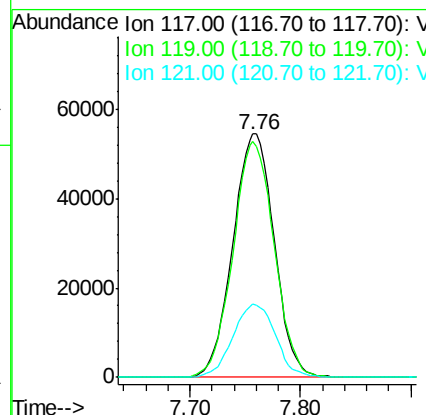
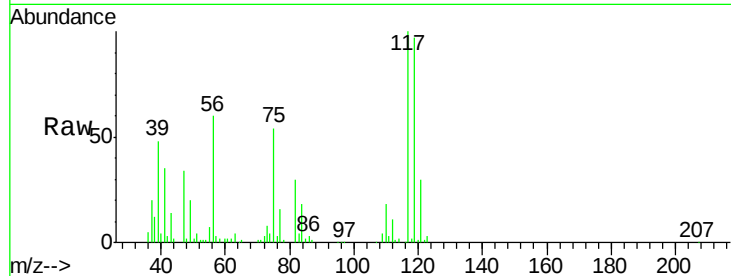
#33
Carbon Tetrachloride
Concen: 19.904 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.2	111.4
121	30.1	23.9	35.9

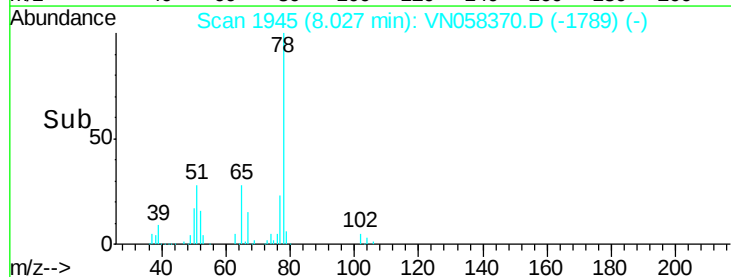
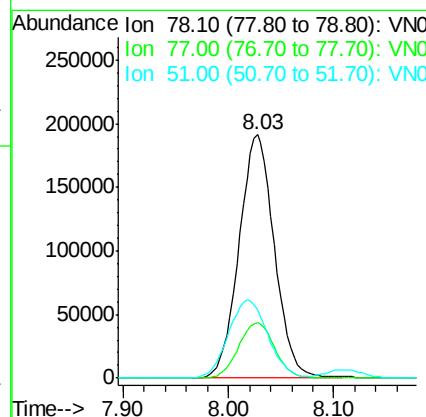
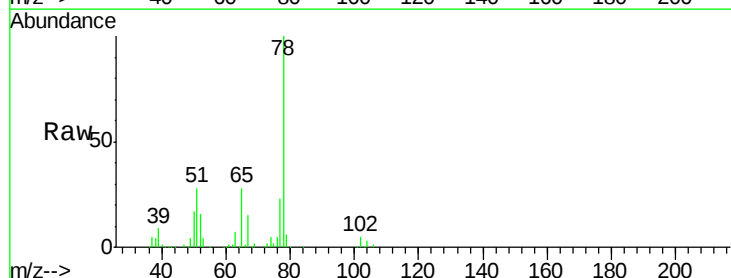
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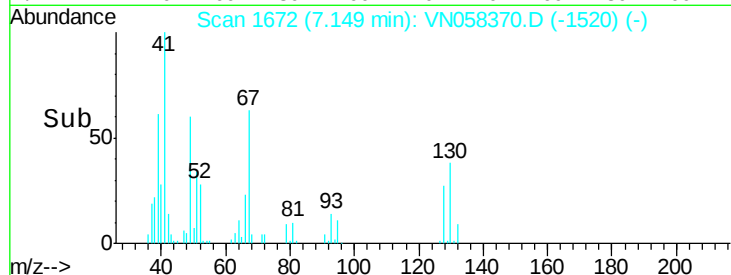
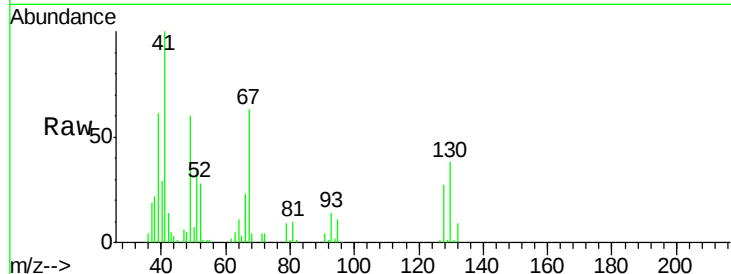
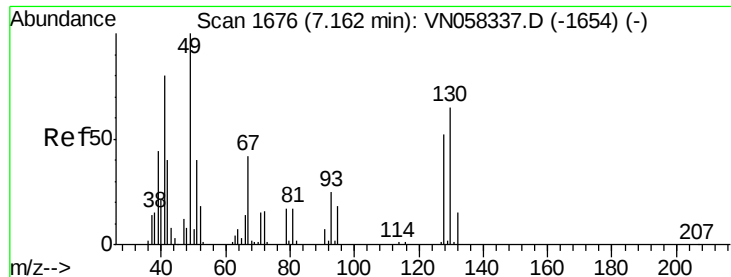
MMDadoda
9/27/2019 11:18:52 AM



#34
Benzene
Concen: 20.213 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2
51	28.0	22.4	33.6





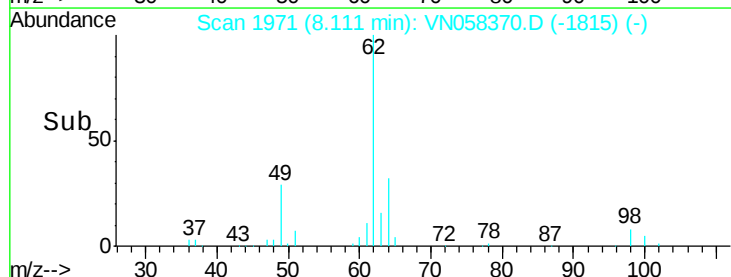
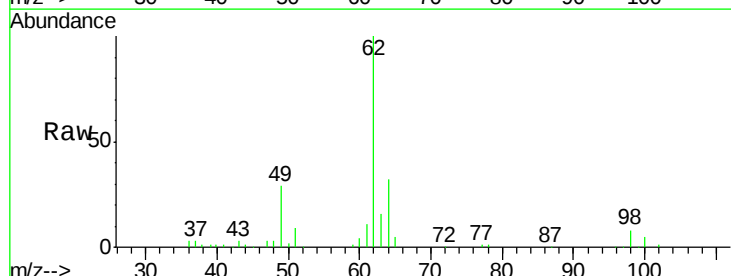
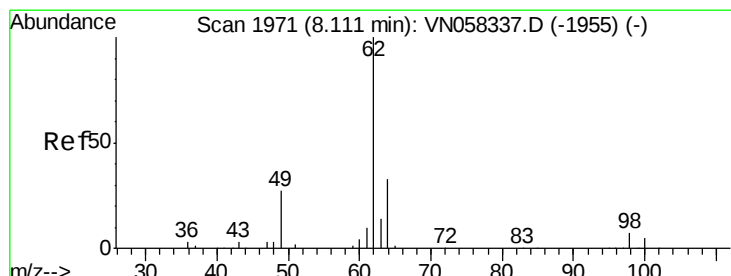
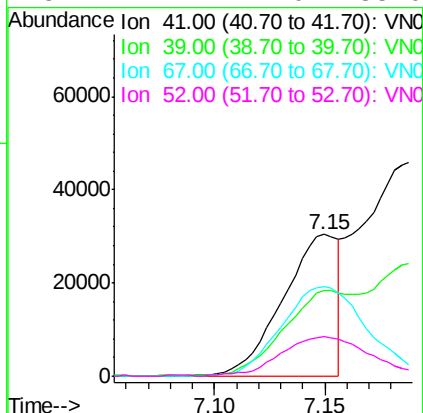
#35
Methacrylonitrile
Concen: 17.510 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tot Ion	41	Resp	53032
Ion	Ratio	Lower	Upper
41	100		
39	60.3	27.3	81.9
67	62.9	26.3	78.9
52	27.2	11.0	33.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

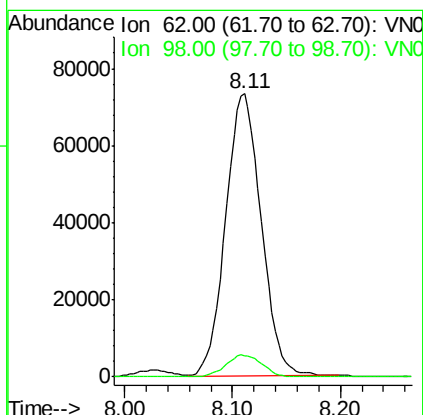
Manual Integrations
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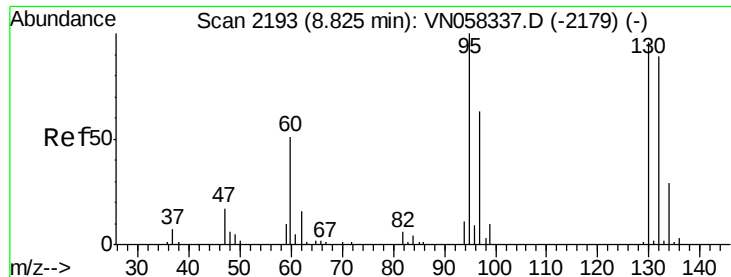
MMDadoda
9/27/2019 11:18:52 AM



#36
1,2-Dichloroethane
Concen: 19.589 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	62	Resp	168815
Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.0	9.0





#37

Trichloroethene

Concen: 19.945 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 109844

Ion Ratio Lower Upper

130 100

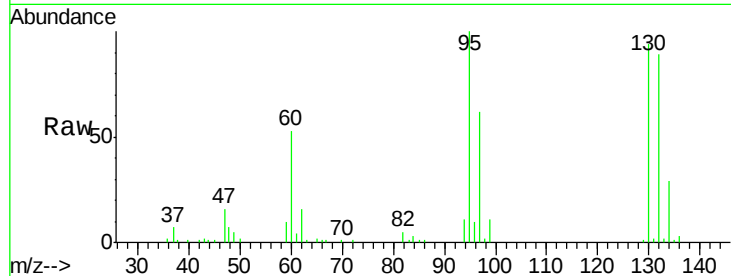
95 106.1 83.3 124.9

Manual Integrations

APPROVED

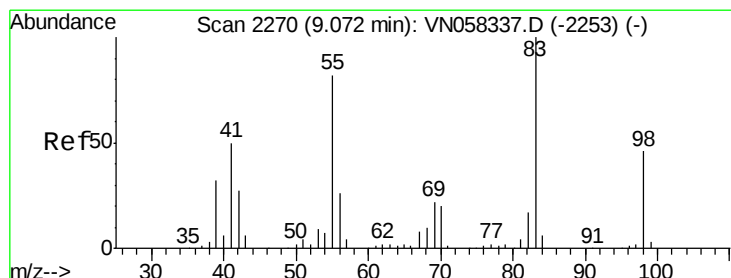
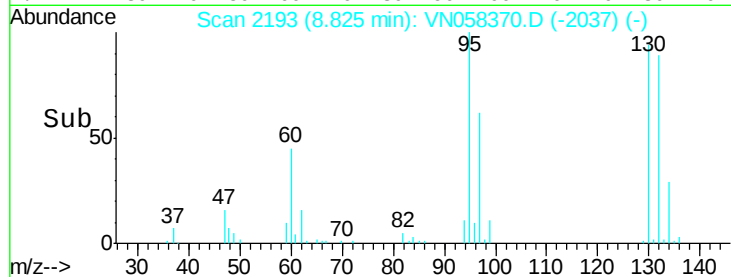
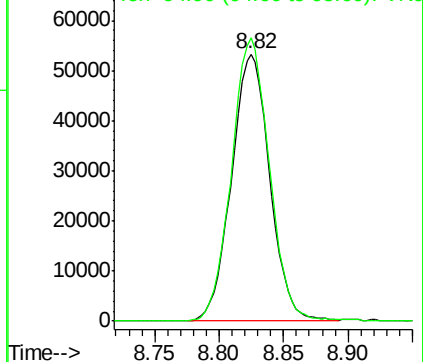
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.630 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

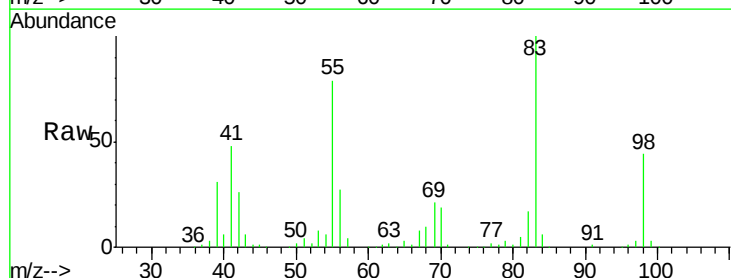
Tgt Ion: 83 Resp: 184073

Ion Ratio Lower Upper

83 100

55 80.3 40.5 121.4

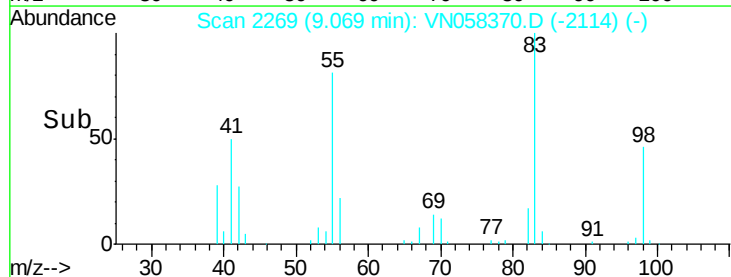
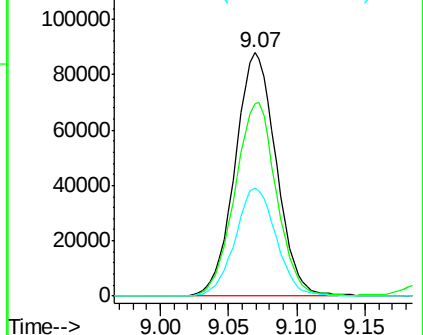
98 44.3 23.1 69.2

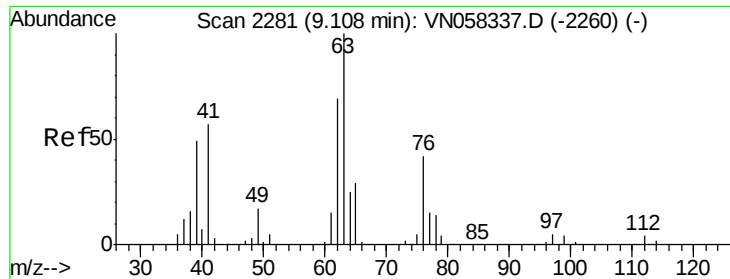


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





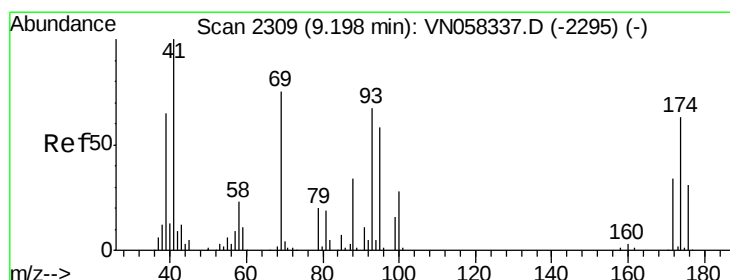
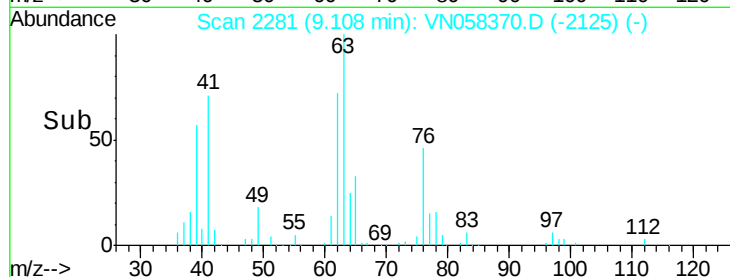
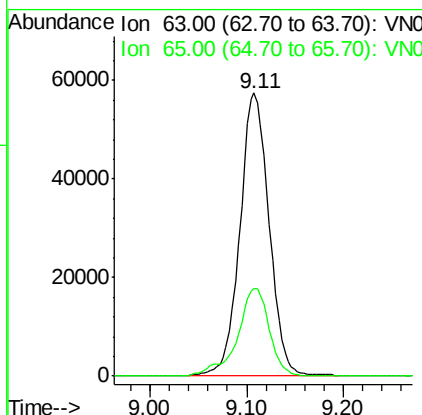
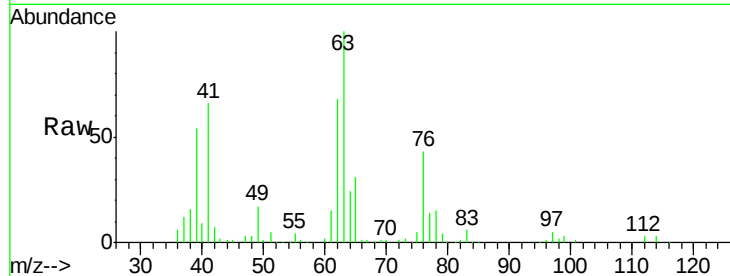
#39
 1,2-Dichloropropane
 Concen: 20.144 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	63	Resp	120877
Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.4	35.0

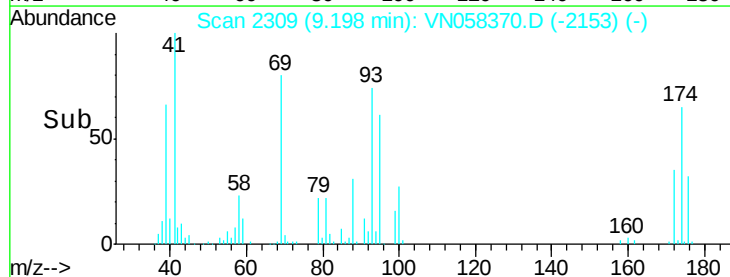
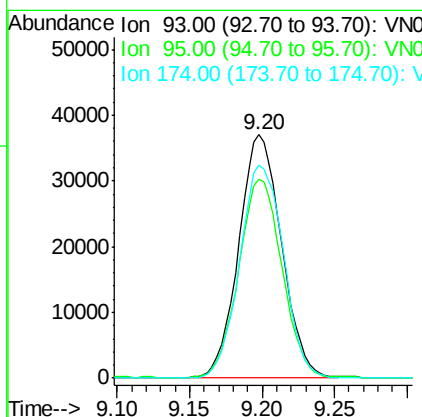
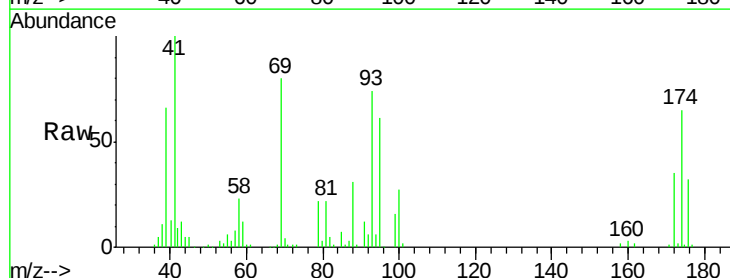
Manual Integrations
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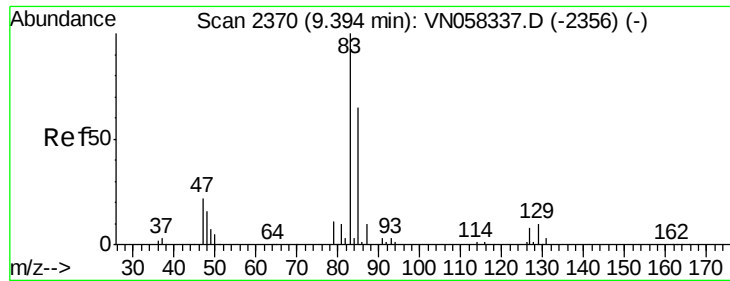
MMDadoda
 9/27/2019 11:18:52 AM



#40
 Dibromomethane
 Concen: 20.068 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	93	Resp	76003
Ion	Ratio	Lower	Upper
93	100		
95	82.9	0.0	166.8
174	89.3	0.0	187.2





#41

Bromodichloromethane

Concen: 19.979 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

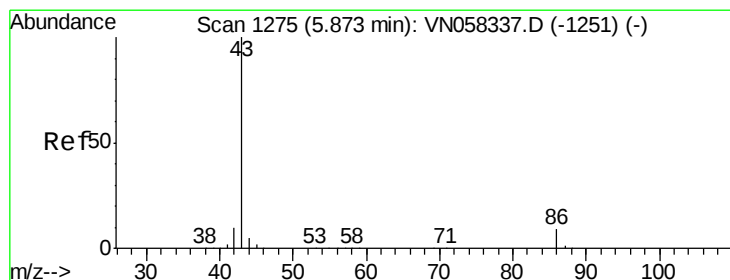
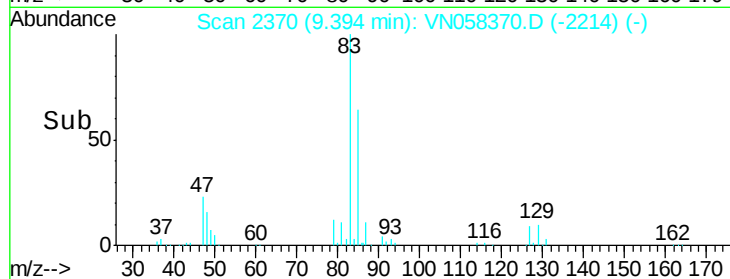
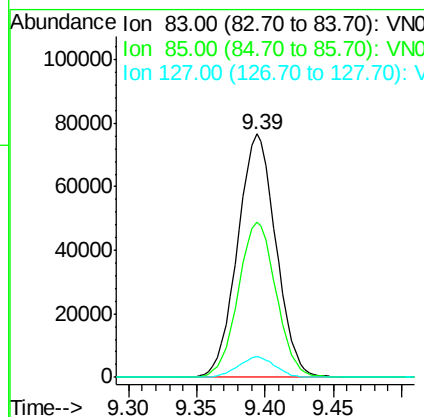
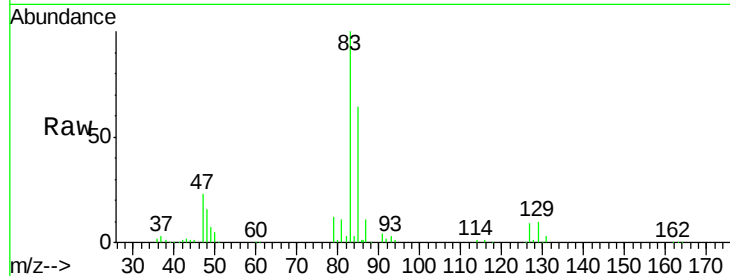
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	149557
Ion Ratio	Lower	Upper	
83	100		
85	63.8	52.0	78.0
127	8.6	6.1	9.1

Manual Integrations
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9/27/2019 11:18:52 AM



#42

Vinyl Acetate

Concen: 107.094 ug/l

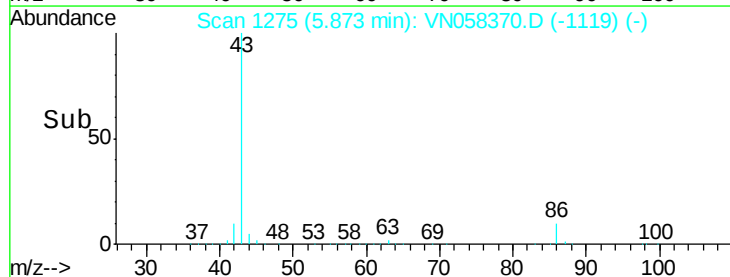
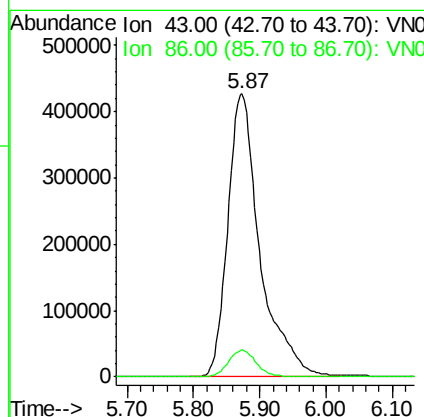
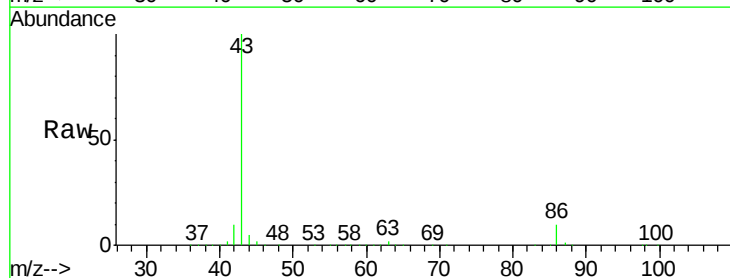
RT: 5.87 min Scan# 1275

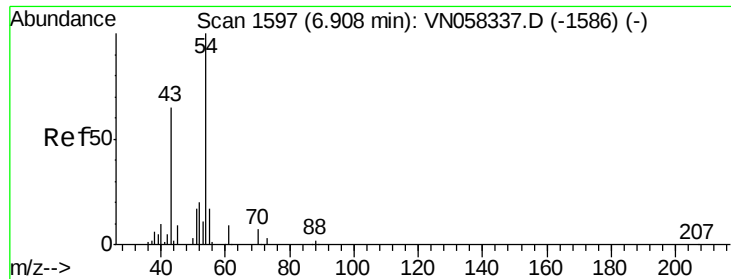
Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Tgt Ion:	43	Resp:	1439808
Ion Ratio	Lower	Upper	
43	100		
86	8.3	6.6	9.8





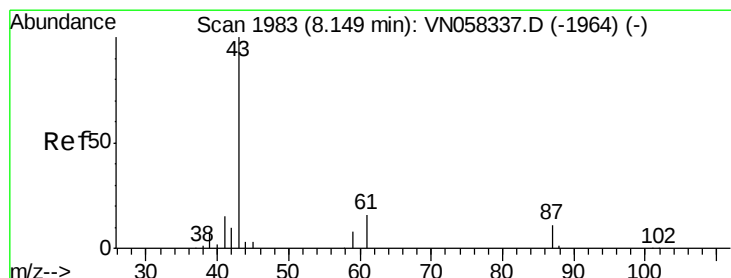
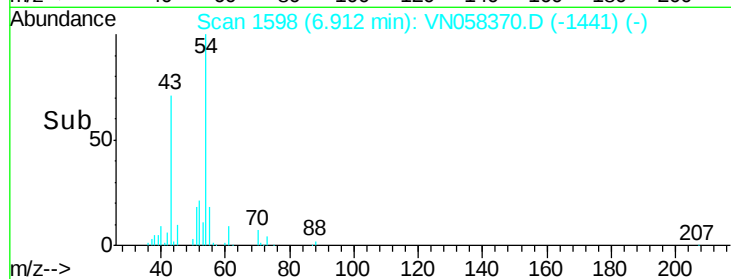
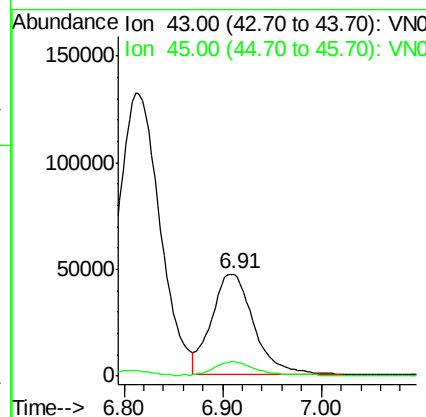
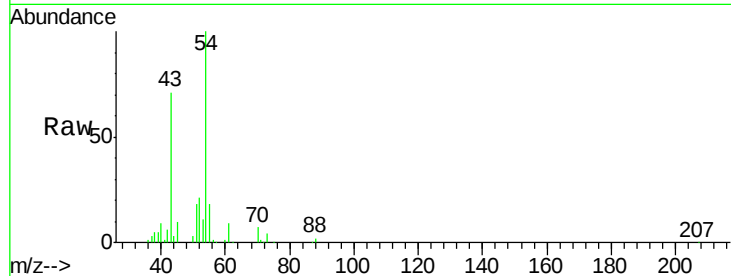
#43
Ethyl Acetate
Concen: 20.221 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	12.2	9.8	14.6

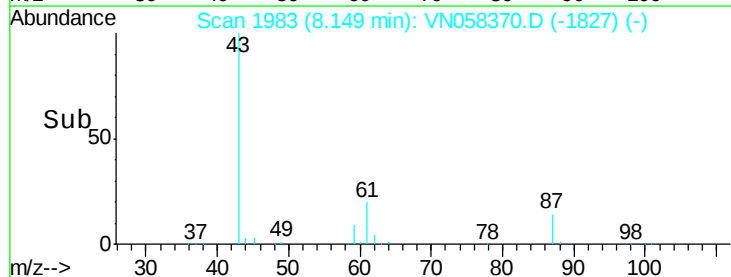
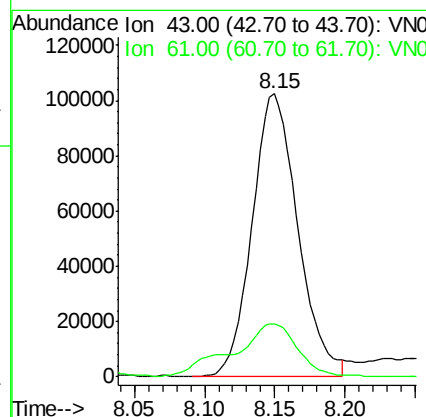
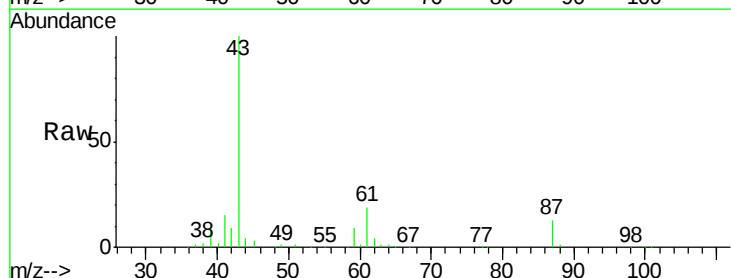
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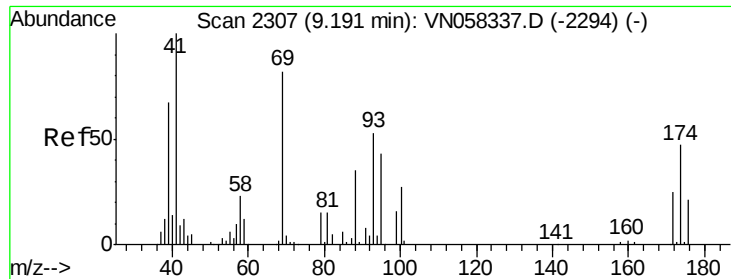
MMDadoda
9/27/2019 11:18:52 AM



#44
Isopropyl Acetate
Concen: 18.420 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6





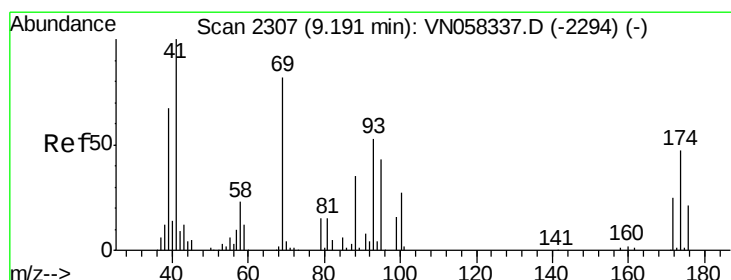
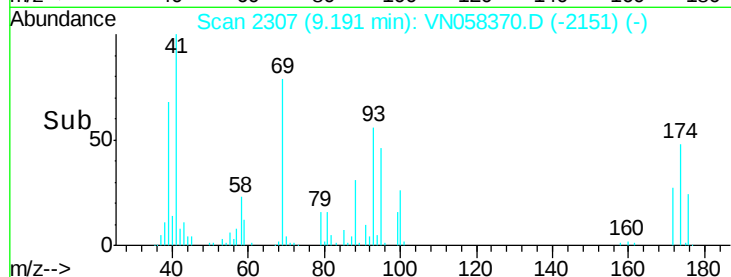
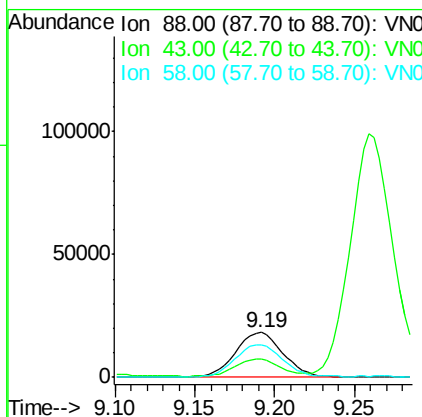
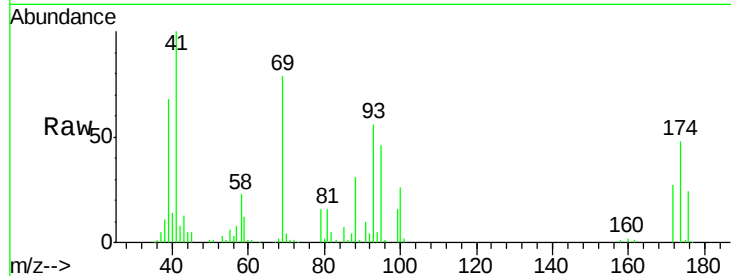
#45
 1,4-Dioxane
 Concen: 354.524 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	36.0	27.2	40.8	
58	73.4	55.4	83.0	

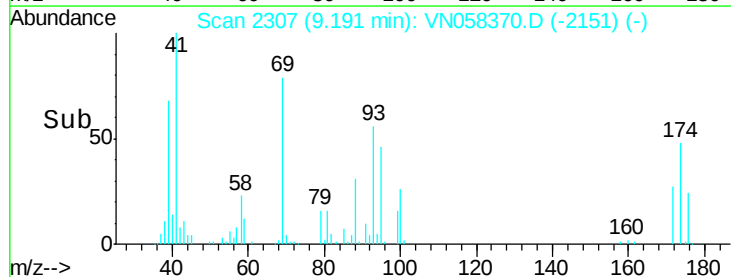
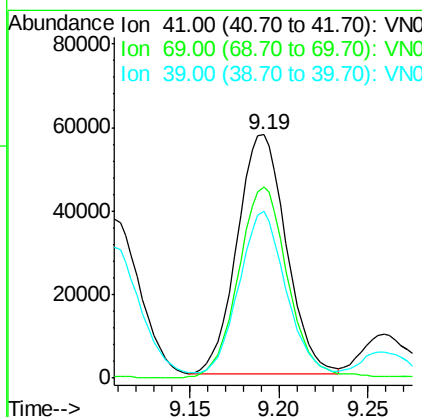
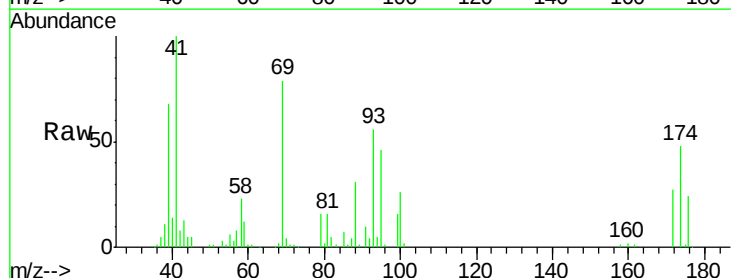
Manual Integrations
 APPROVED

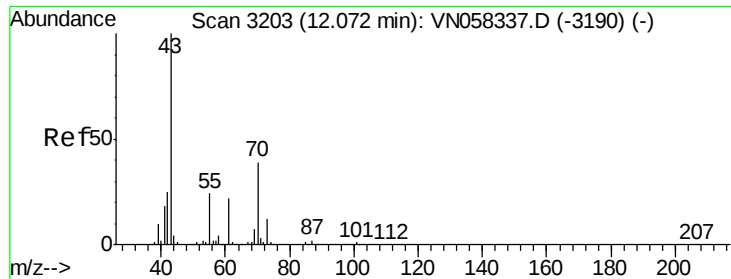
MMDadoda
 9/27/2019 11:18:52 AM



#46
 Methyl methacrylate
 Concen: 18.607 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	79.6	40.9	122.7	
39	67.3	33.6	100.6	





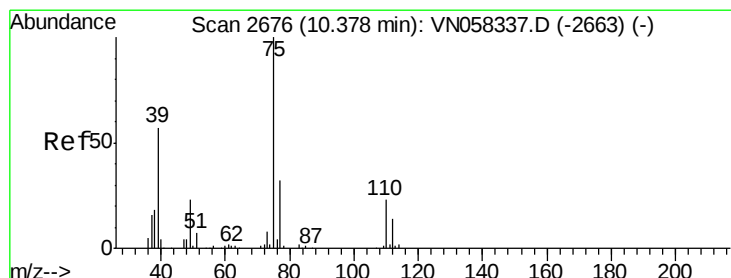
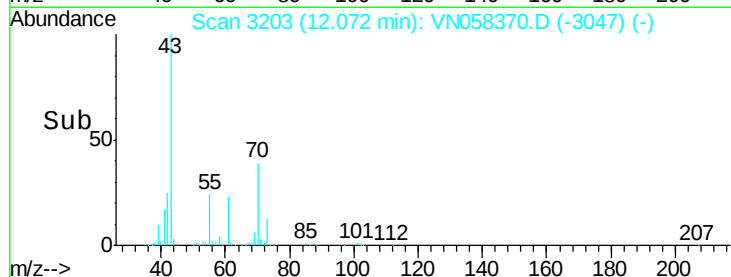
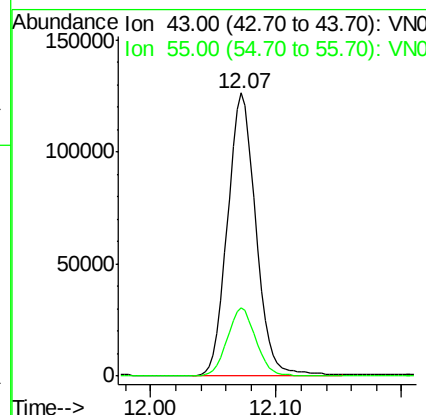
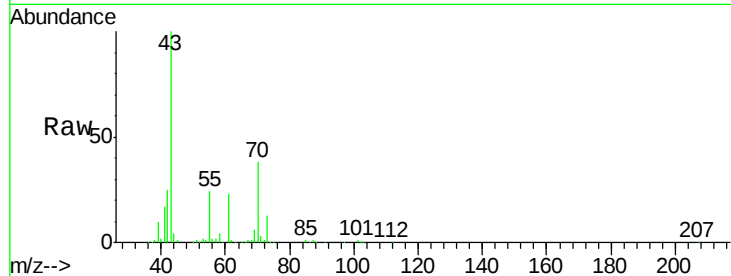
#47
n-amyl Acetate
Concen: 18.115 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	43	Resp	197335
Ion	Ratio	Lower	Upper
43	100		
55	24.5	19.0	28.4

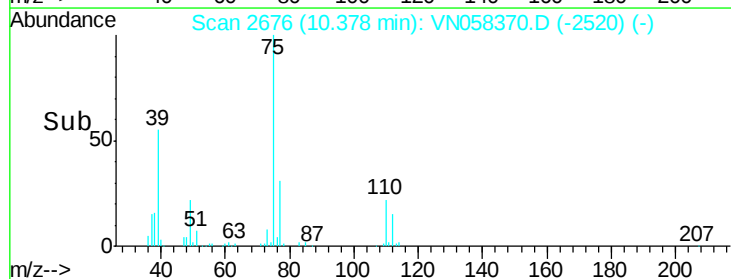
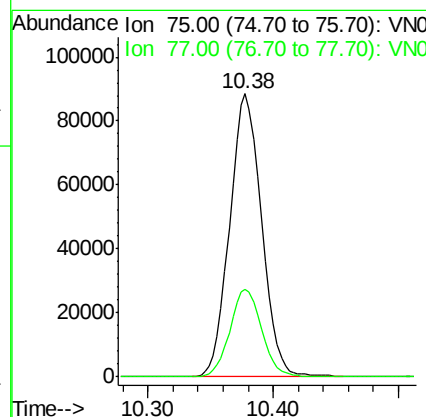
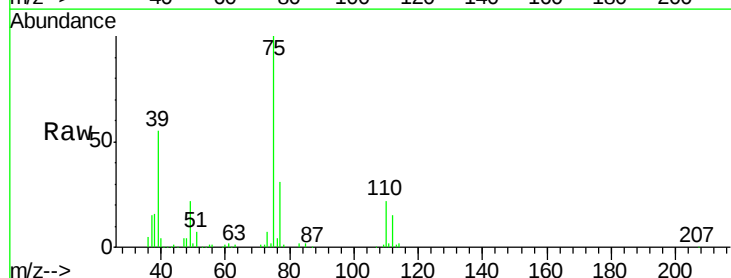
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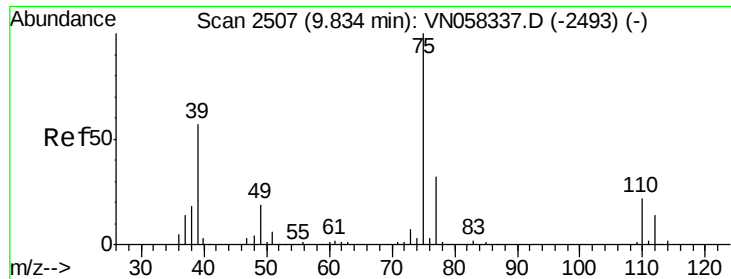
MMDadoda
9/27/2019 11:18:52 AM



#48
t-1,3-Dichloropropene
Concen: 19.142 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	75	Resp	156576
Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0





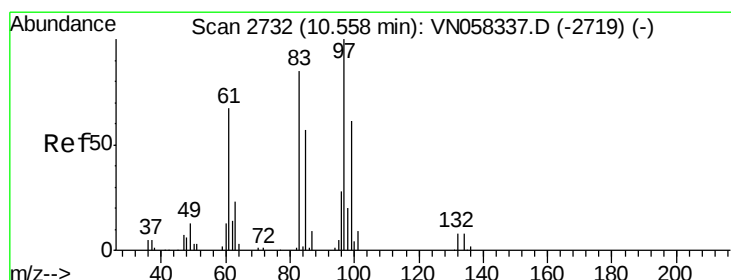
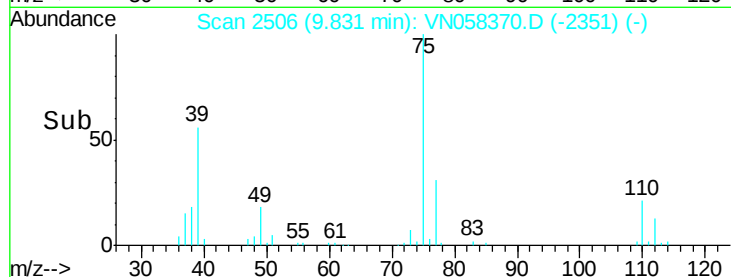
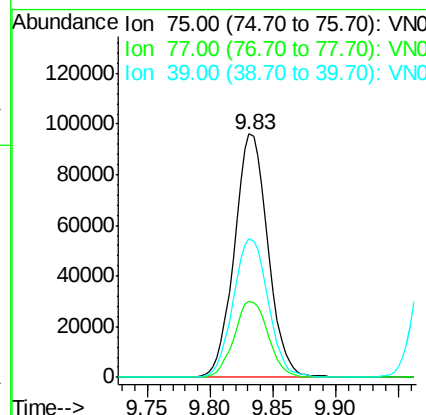
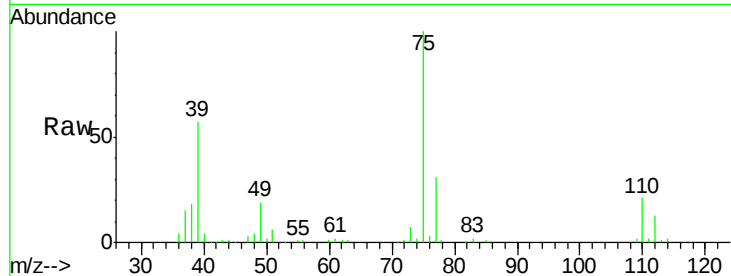
#49
 cis-1,3-Dichloropropene
 Concen: 19.618 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8
39	56.6	45.8	68.6

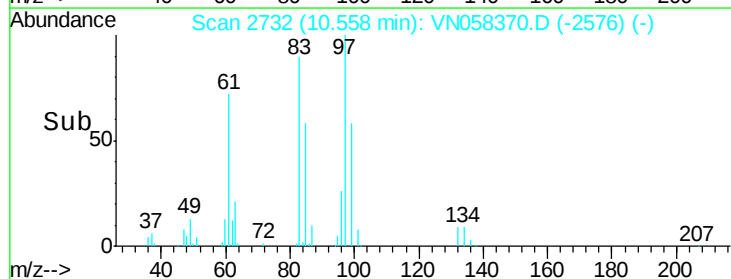
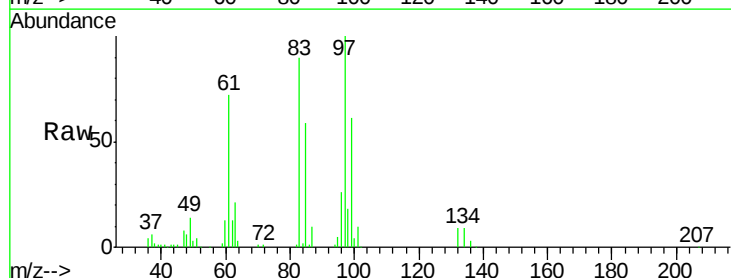
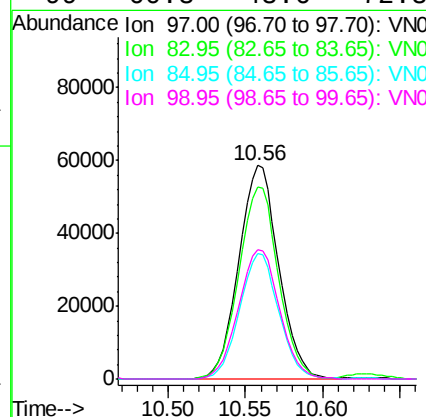
Manual Integrations
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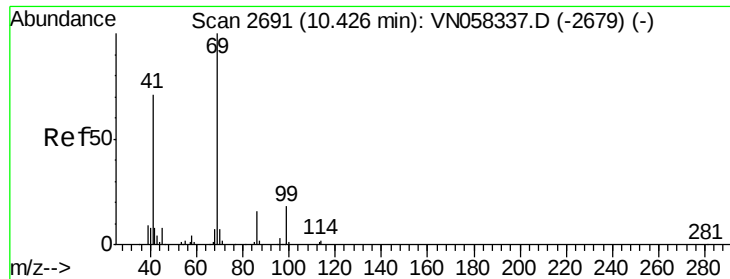
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 19.879 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	67.8	101.6
85	58.7	45.8	68.6
99	60.8	48.6	72.8





#51

Ethyl methacrylate

Concen: 18.583 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

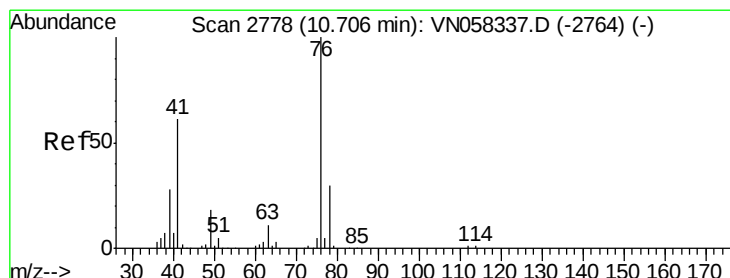
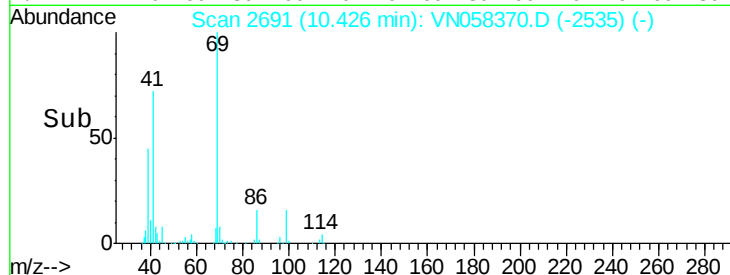
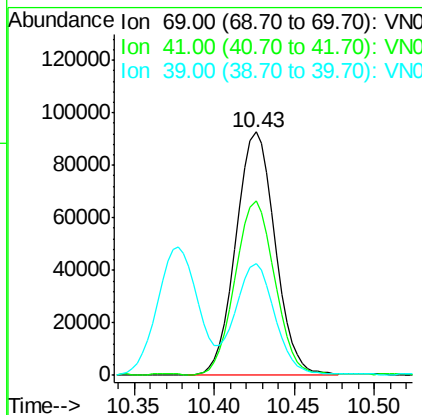
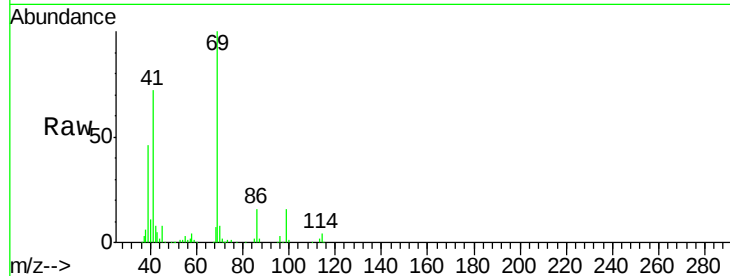
ClientSampled :

VSTDCCC020

Tot Ion:	69	Resp:	155622
Ion	Ratio	Lower	Upper
69	100		
41	71.3	35.4	106.1
39	44.8	23.5	70.5

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.557 ug/l

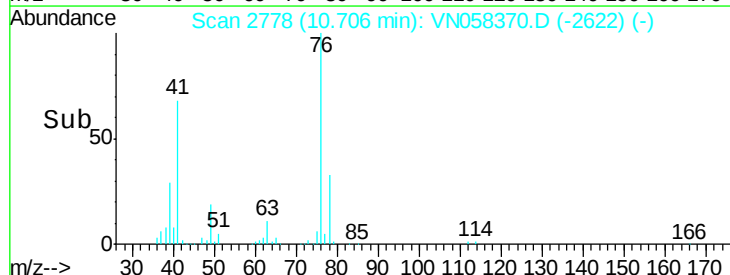
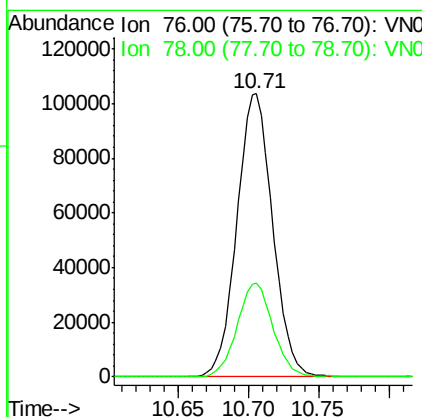
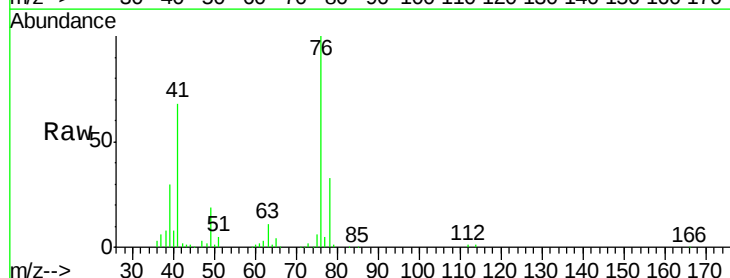
RT: 10.71 min Scan# 2778

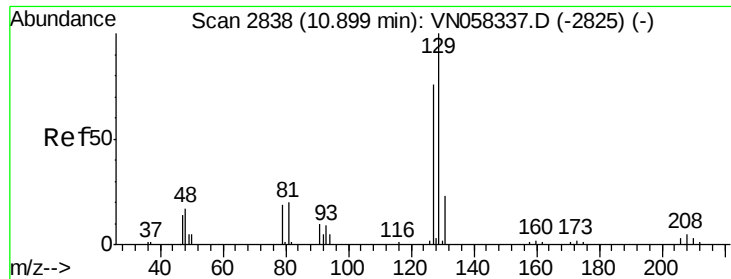
Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Tgt Ion:	76	Resp:	183840
Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	63.0





#53

Dibromochloromethane

Concen: 18.944 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 100732

Ion Ratio Lower Upper

129 100

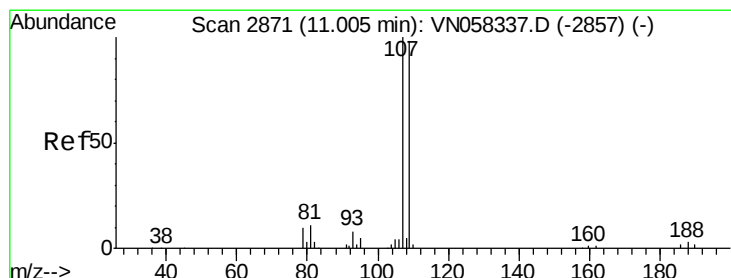
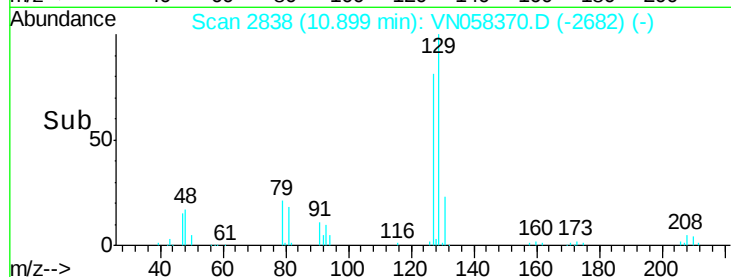
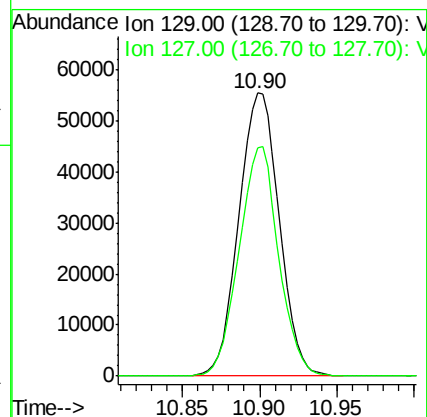
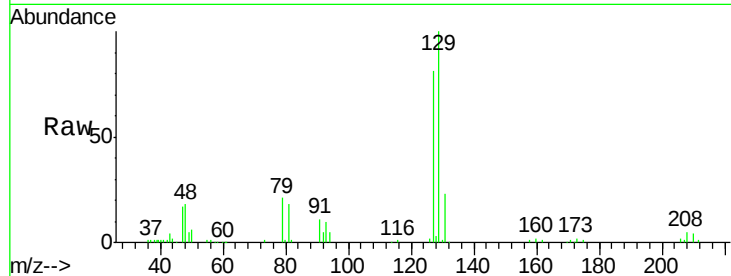
127 79.3 38.4 115.2

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 19.480 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058370.D

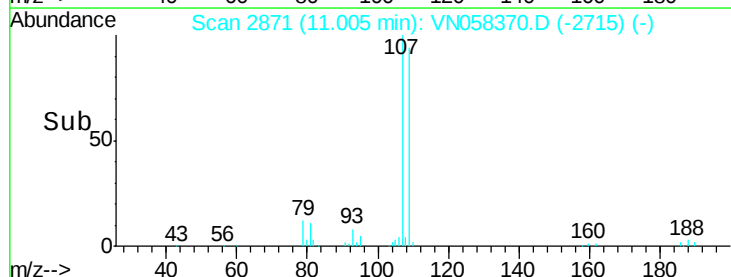
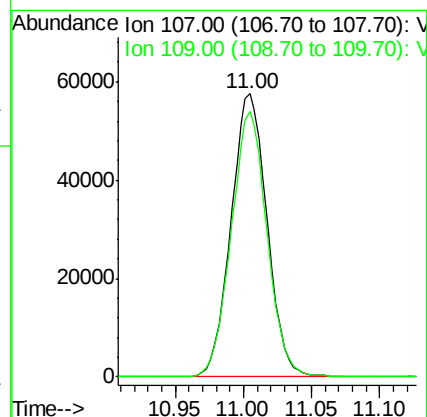
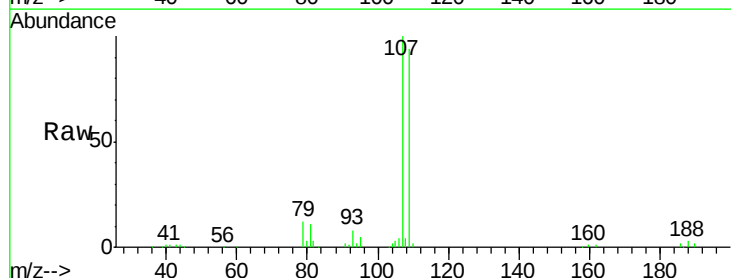
Acq: 26 Sep 2019 9:06

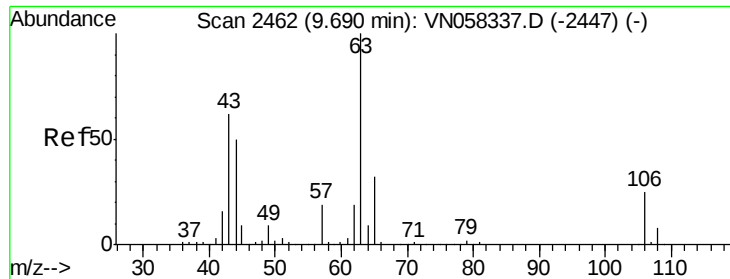
Tgt Ion:107 Resp: 105220

Ion Ratio Lower Upper

107 100

109 93.3 76.5 114.7





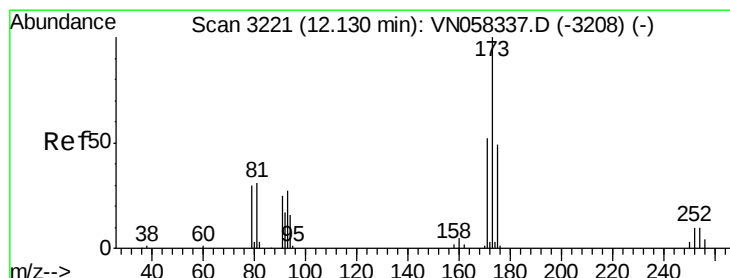
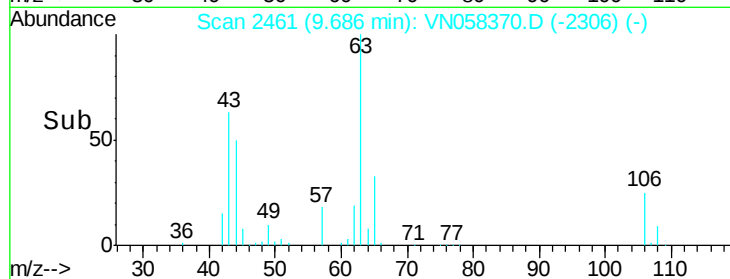
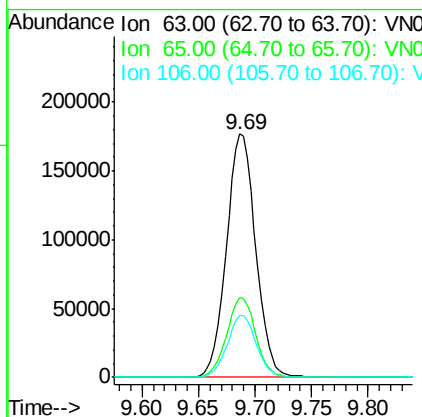
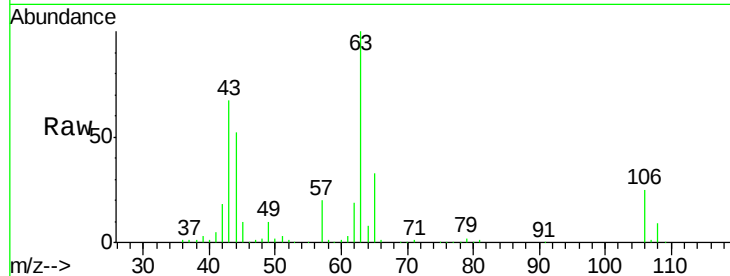
#55
2-Chloroethyl vinyl ether
Concen: 89.701 ug/l
RT: 9.69 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.4	38.2
106	25.2	20.4	30.6

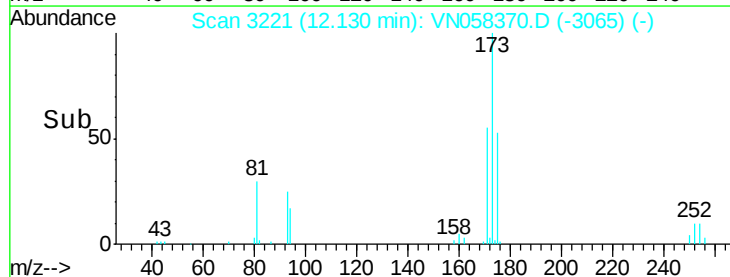
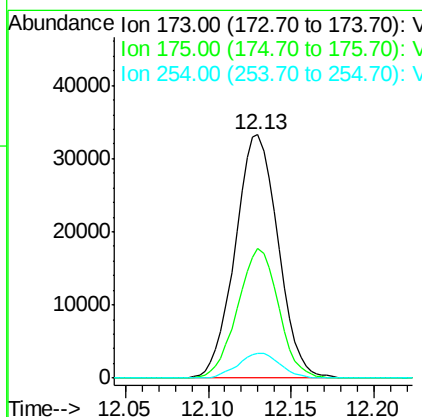
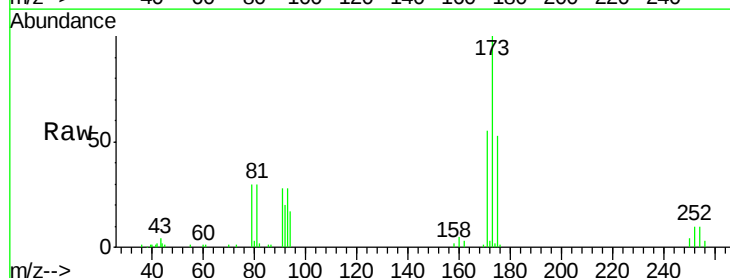
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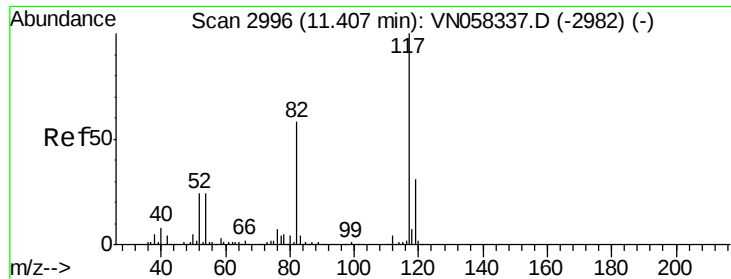
MMDadoda
9/27/2019 11:18:52 AM



#56
Bromoform
Concen: 17.927 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.7	38.8	58.2
254	9.8	7.8	11.8





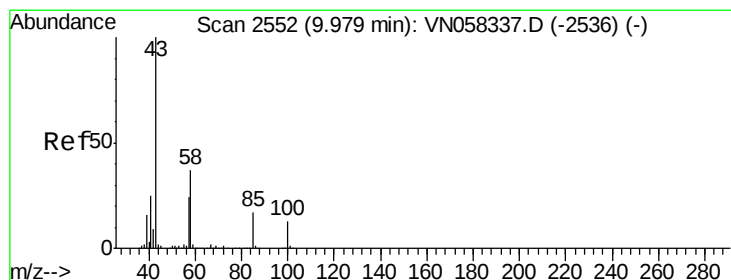
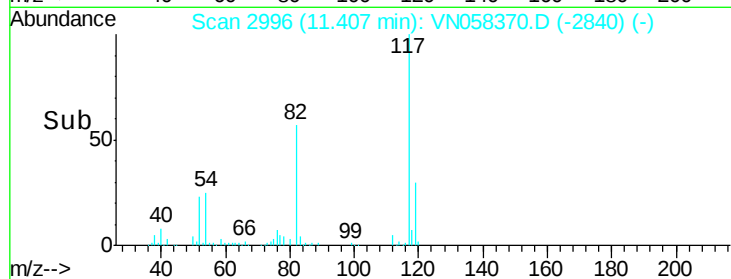
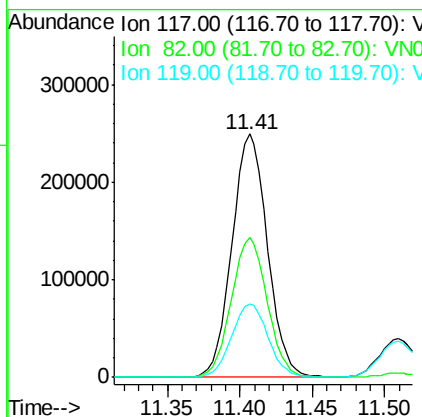
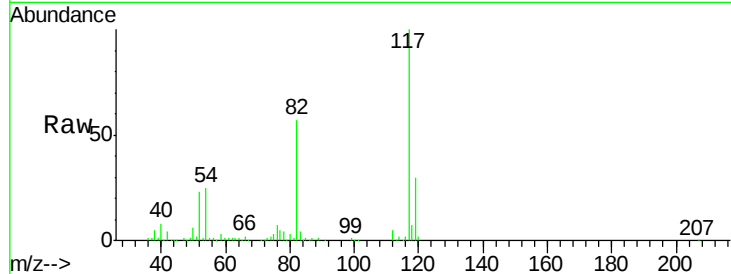
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	424705		
82	58.0	46.4	69.6	
119	31.1	25.1	37.7	

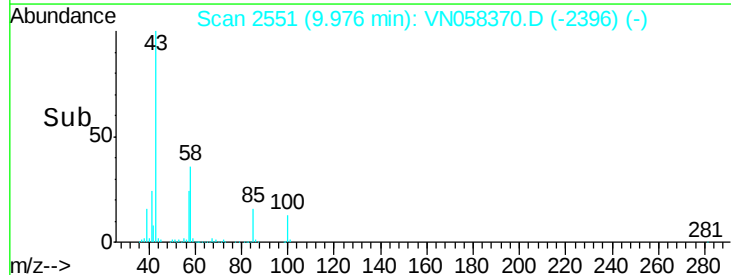
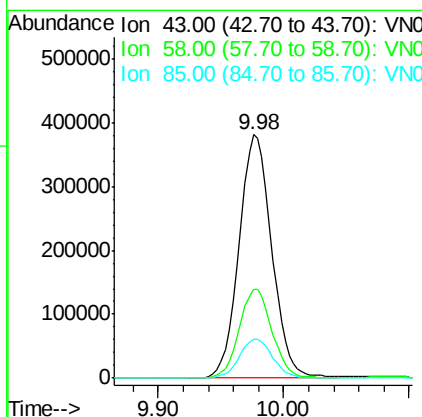
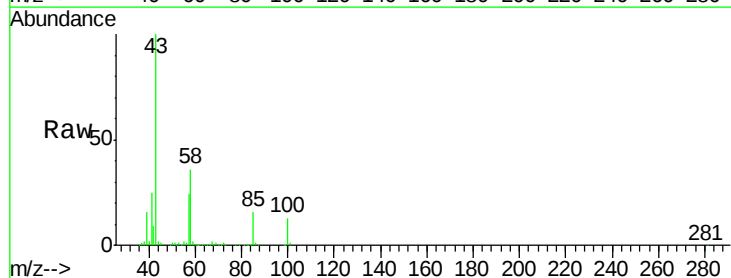
Manual Integrations
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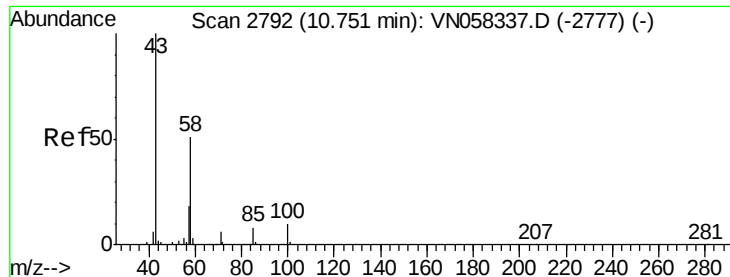
MMDadoda
9/27/2019 11:18:52 AM



#58
4-Methyl-2-Pentanone
Concen: 103.607 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	689469		
58	36.8	29.3	43.9	
85	16.3	13.1	19.7	





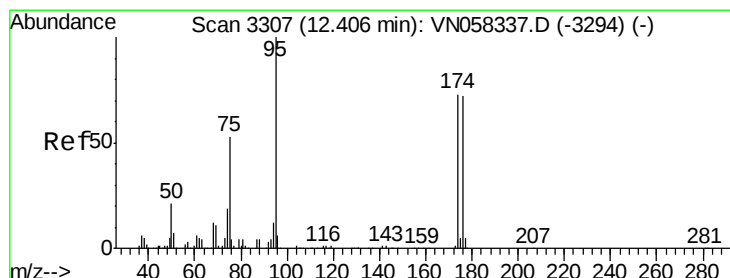
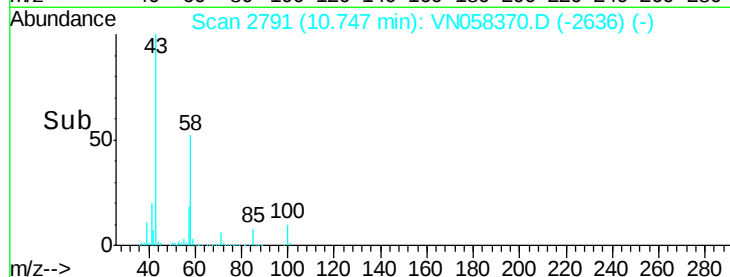
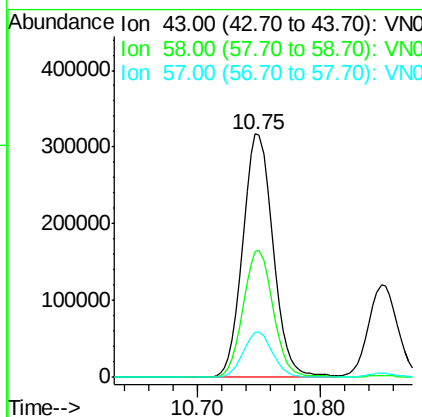
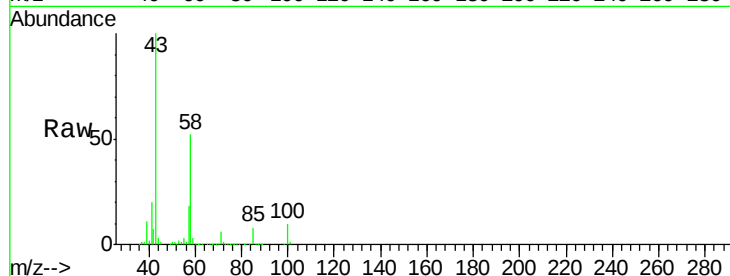
#59
2-Hexanone
Concen: 107.656 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	40.7	61.1
57	18.2	14.7	22.1

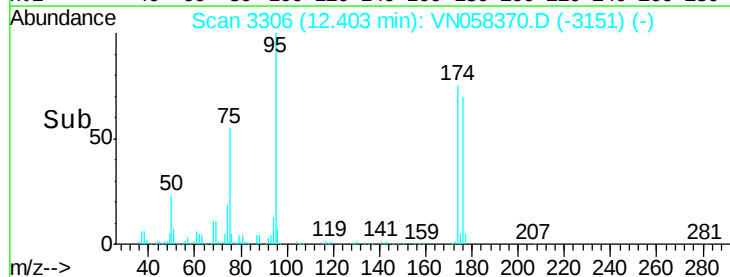
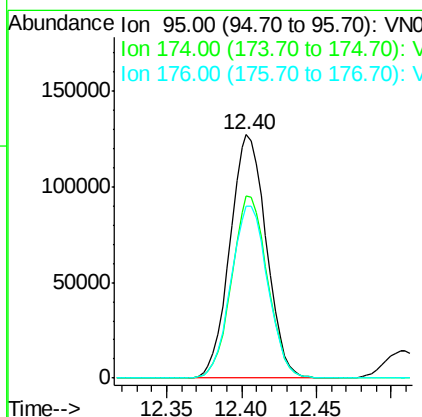
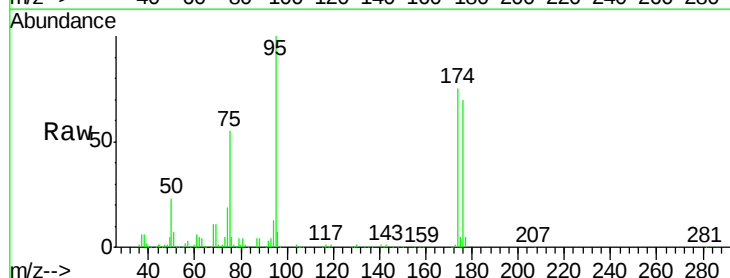
Manual Integrations
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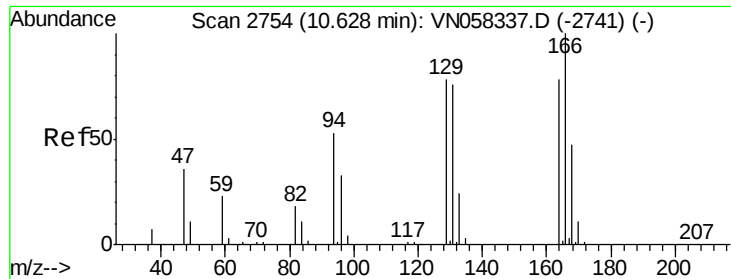
MMDadoda
9/27/2019 11:18:52 AM



#60
4-Bromofluorobenzene
Concen: 29.208 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	59.0	88.6
176	72.0	58.2	87.2





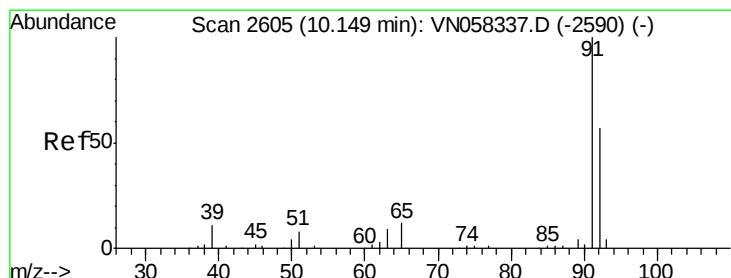
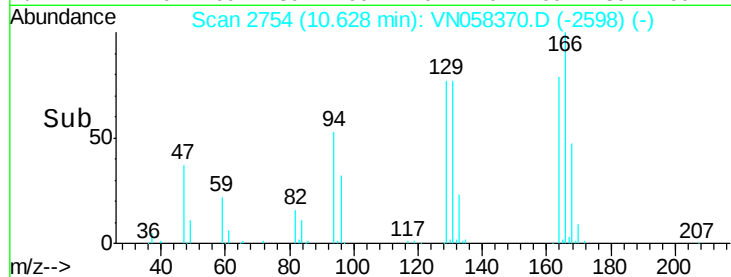
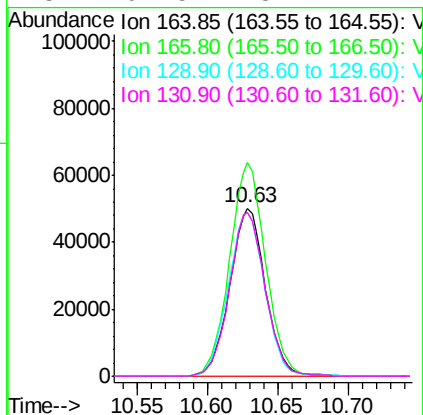
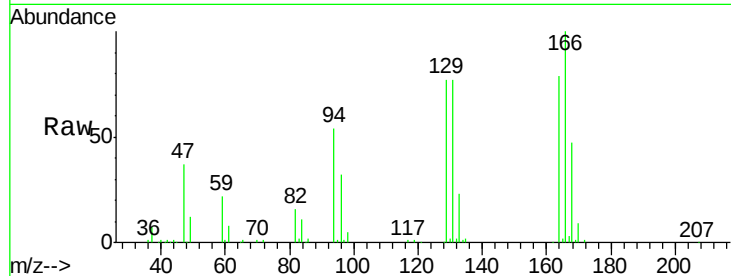
#61
Tetrachloroethene
Concen: 19.913 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.6	154.0
129	97.2	79.8	119.6
131	97.5	78.1	117.1

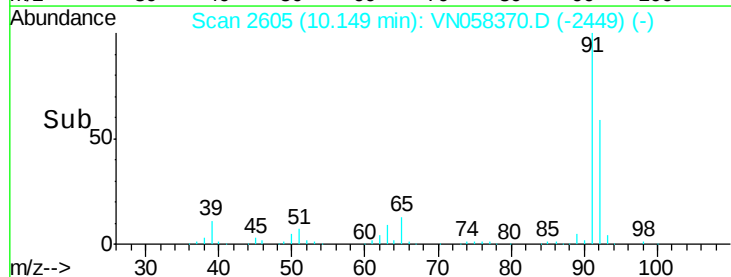
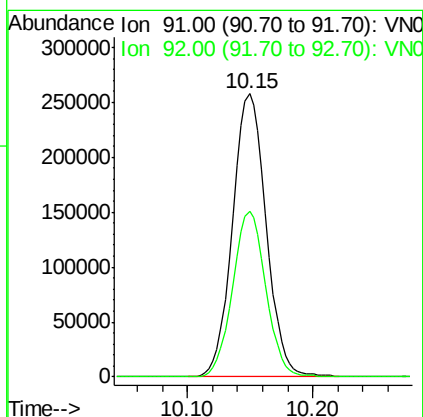
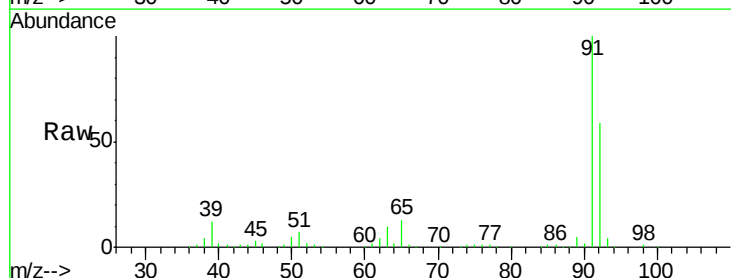
Manual Integrations
APPROVED

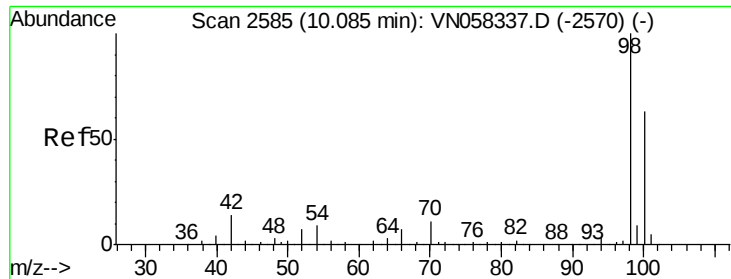
MMDadoda
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#62
Toluene
Concen: 20.659 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.0	45.5	68.3





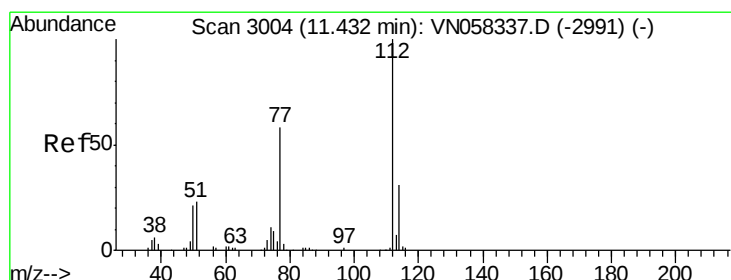
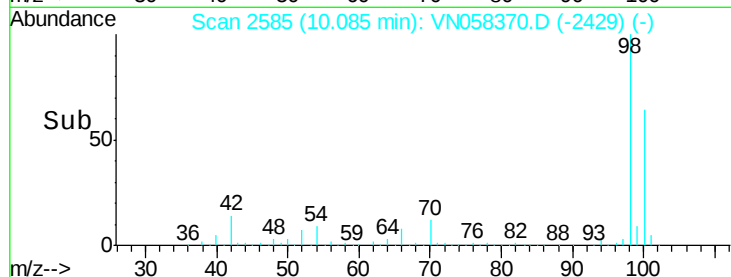
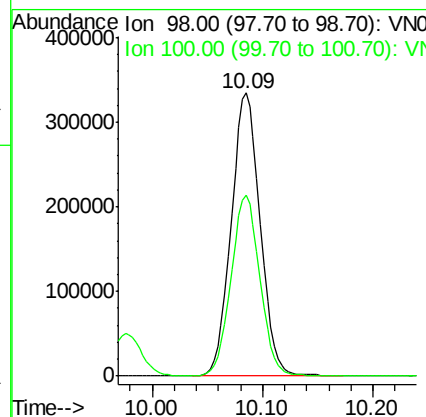
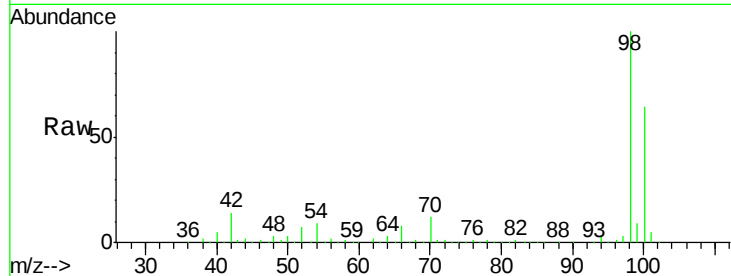
#63
Toluene-d8
Concen: 30.034 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 608746
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

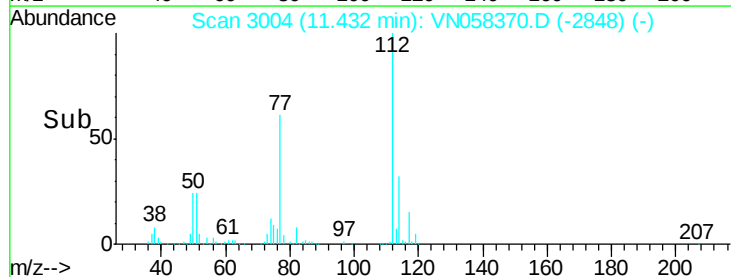
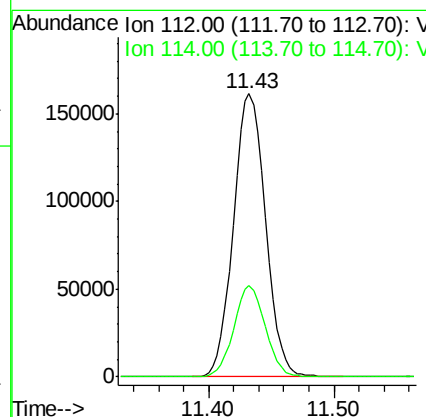
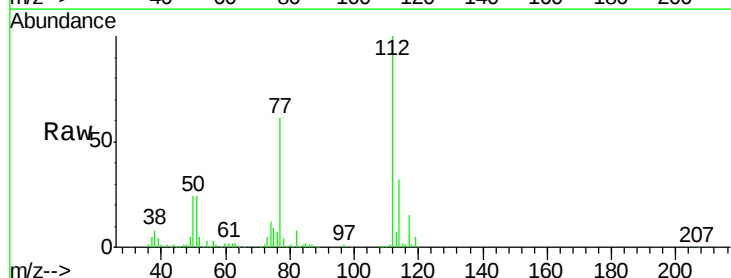
Manual Integrations
APPROVED

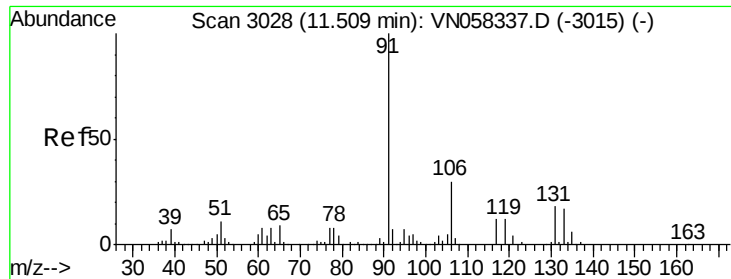
MMDadoda
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#64
Chlorobenzene
Concen: 20.089 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion: 112 Resp: 287154
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 19.518 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

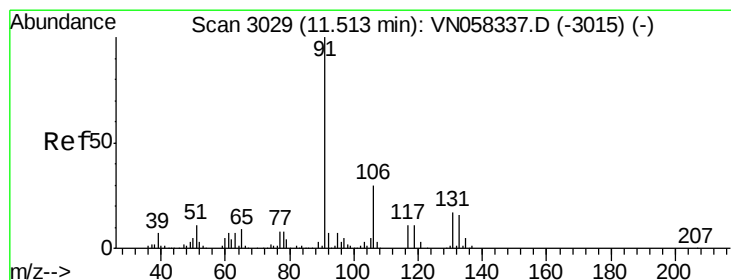
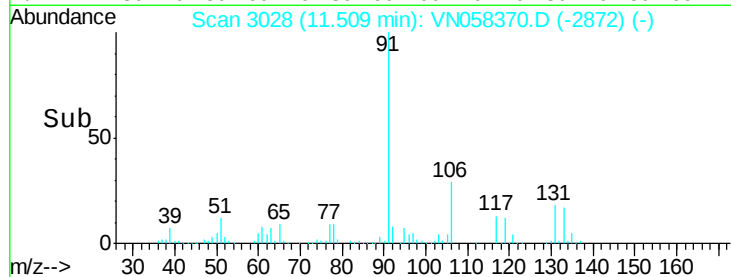
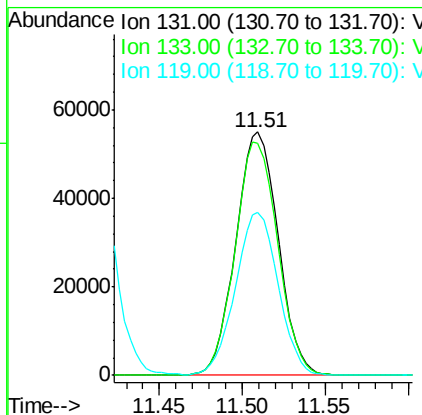
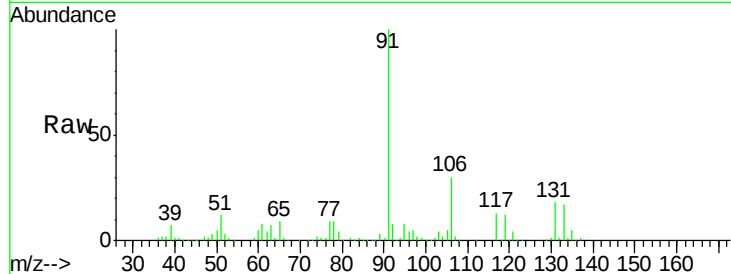
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	97801		
133	96.5	0.0	191.8	
119	67.7	0.0	134.2	

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.913 ug/l

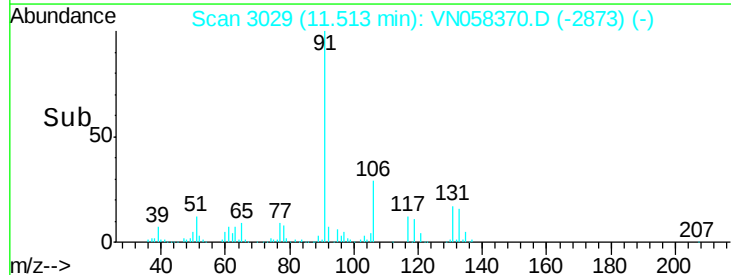
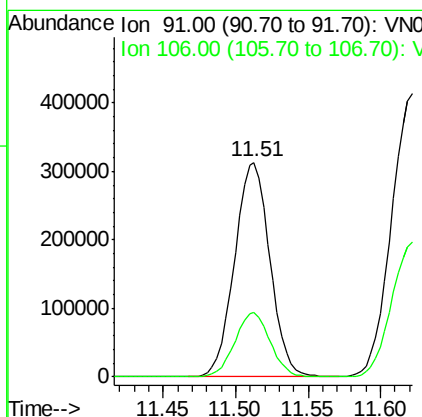
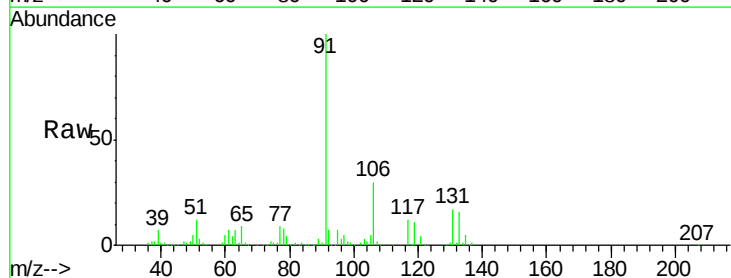
RT: 11.51 min Scan# 3029

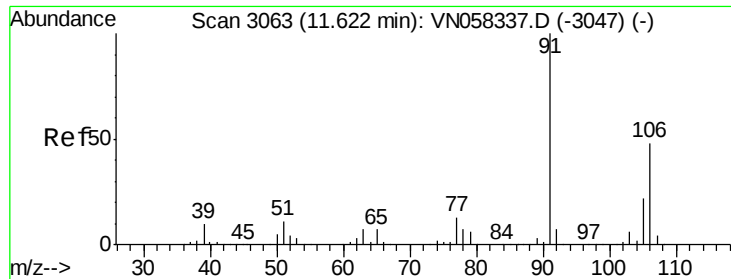
Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	530418		
106	29.8	24.2	36.4	





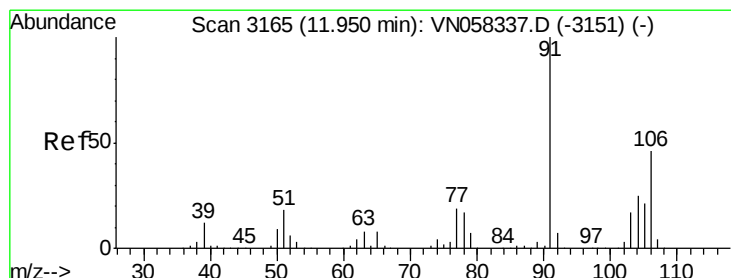
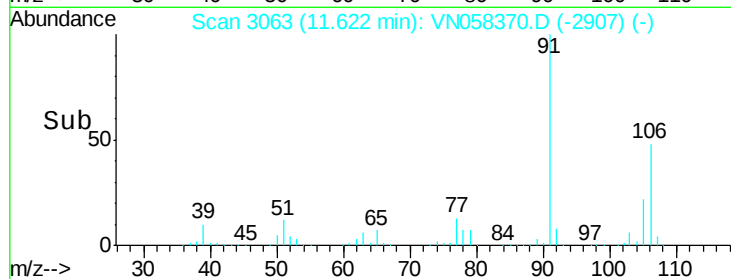
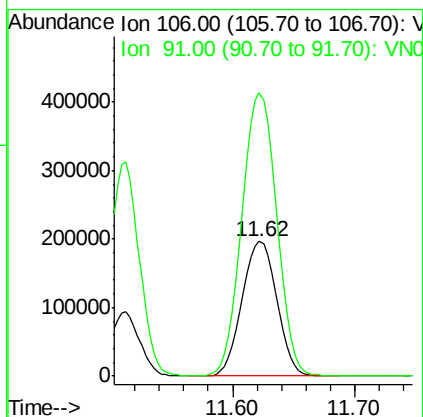
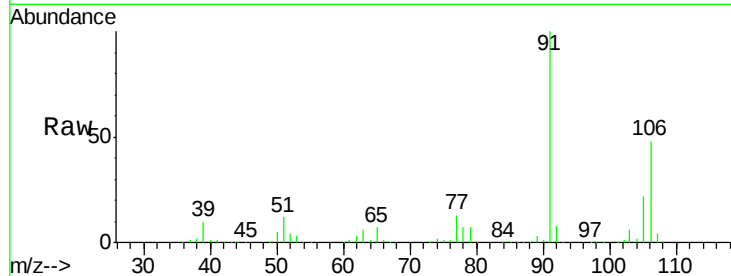
#67
m/p-Xvlenes
Concen: 39.891 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 388435
Ion Ratio Lower Upper
106 100
91 210.0 167.8 251.6

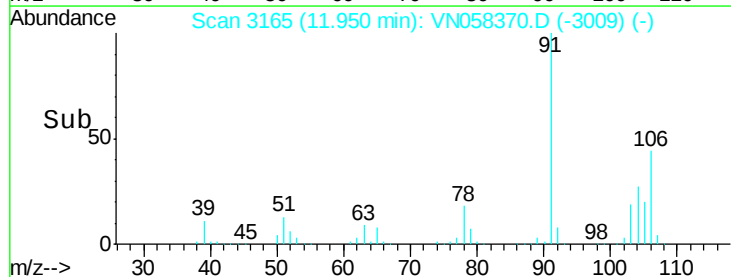
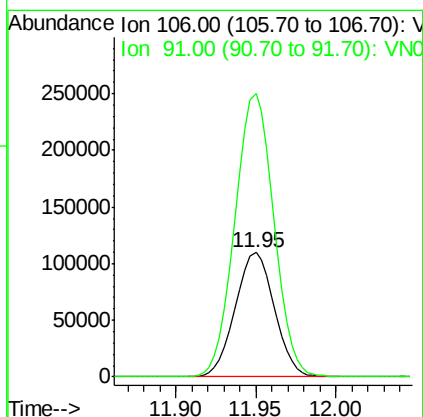
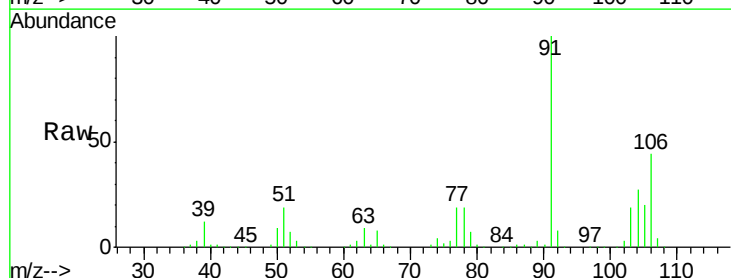
Manual Integrations
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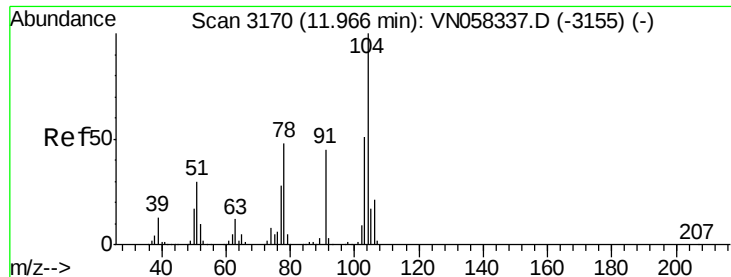
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#68
o-Xylene
Concen: 19.348 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion:106 Resp: 183191
Ion Ratio Lower Upper
106 100
91 226.4 108.7 325.9





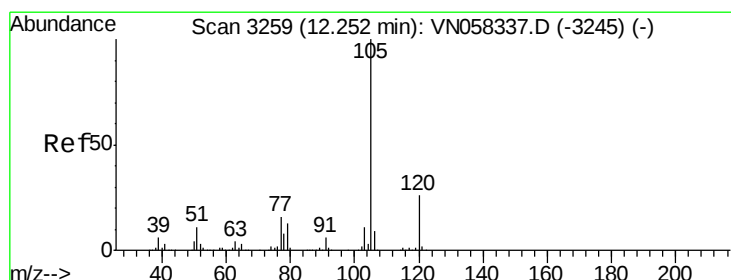
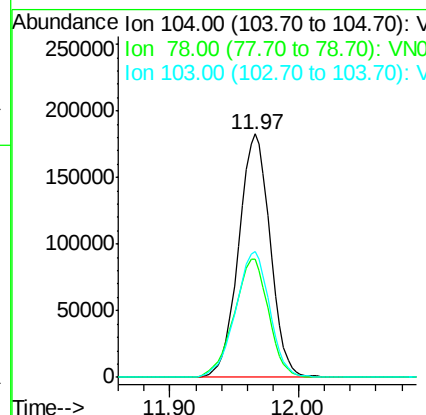
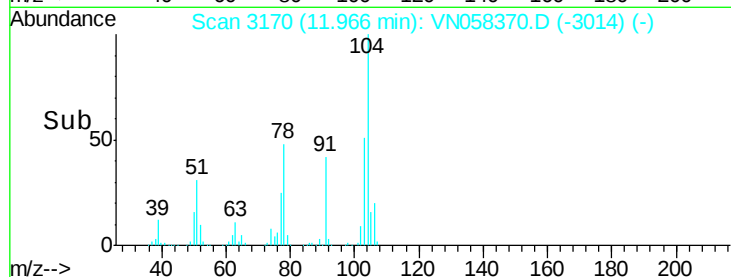
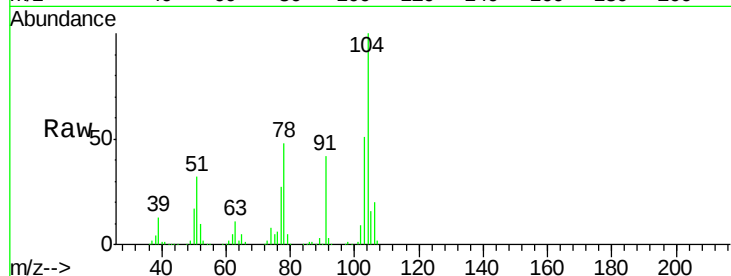
#69
Stvrene
Concen: 19.628 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	310785		
78	53.1	42.3	63.5	
103	55.9	44.1	66.1	

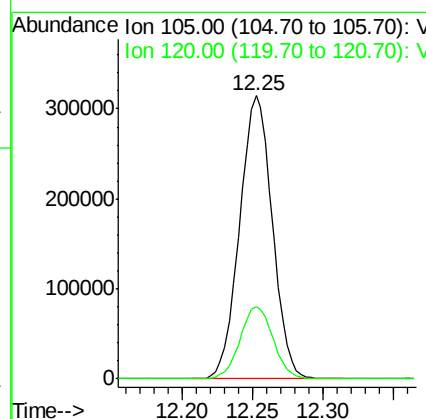
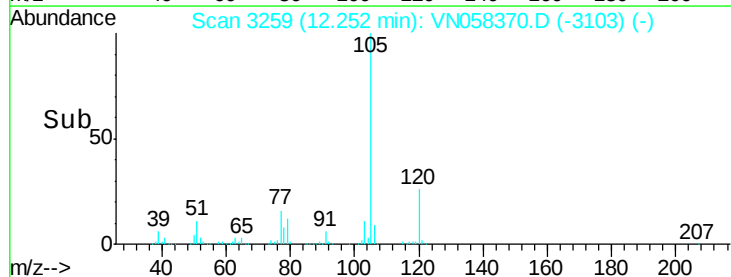
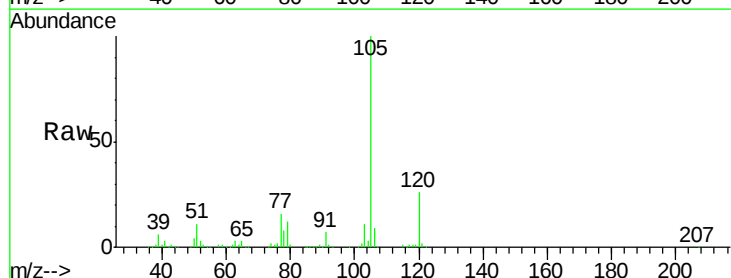
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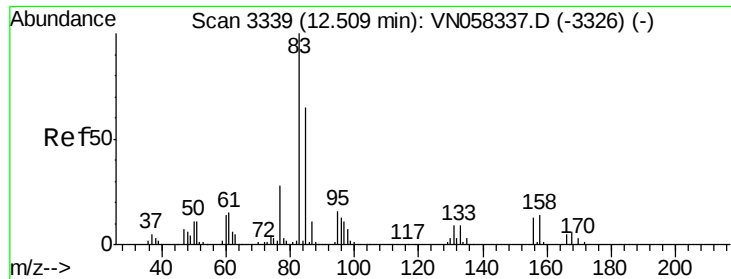
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#70
Isopropylbenzene
Concen: 20.829 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	511074		
120	25.6	18.2	33.8	





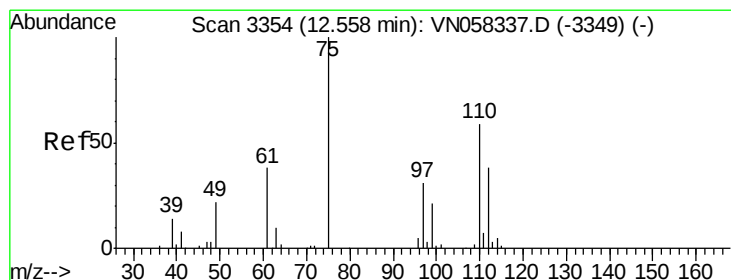
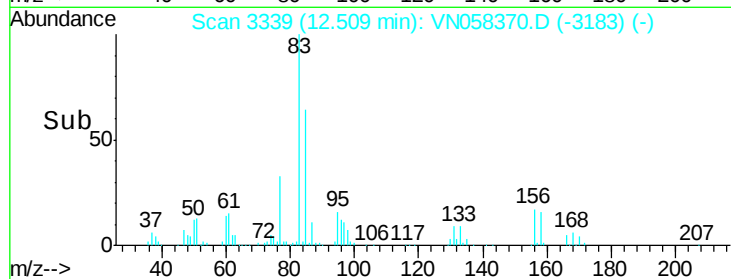
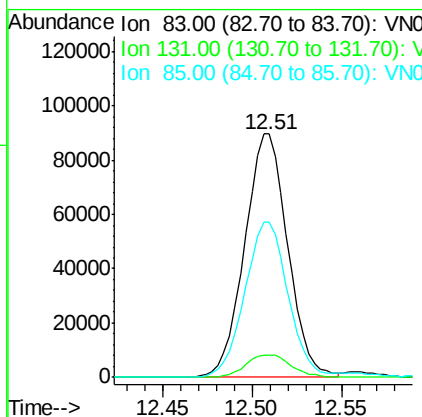
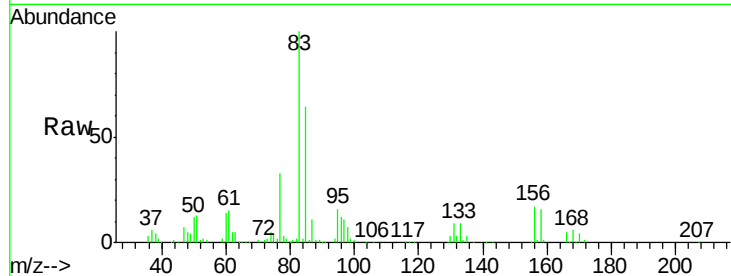
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.357 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	150954
Ion Ratio	100	Lower	Upper
83	100		
131	9.7	4.8	14.3
85	64.3	32.6	97.7

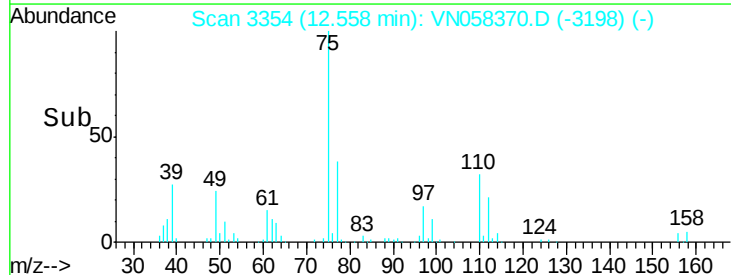
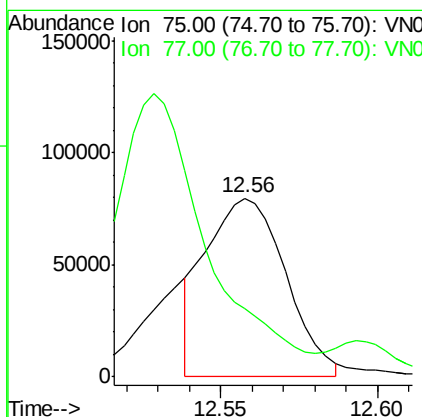
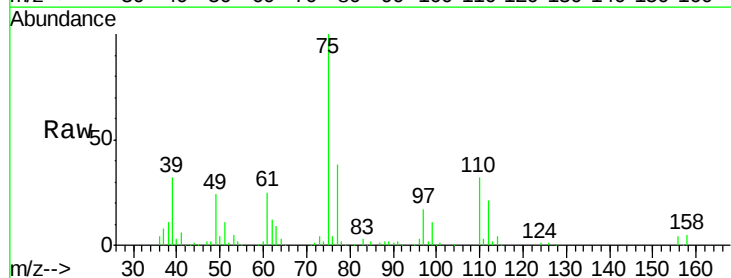
Manual Integrations
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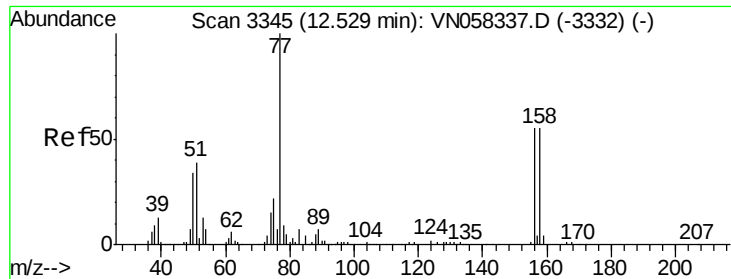
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#72
 1,2,3-Trichloropropane
 Concen: 21.112 ug/l m
 RT: 12.56 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	75	Resp	141593
Ion Ratio	100	Lower	Upper
75	100		
77	184.5	0.0	382.4





#73

Bromobenzene

Concen: 19.720 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

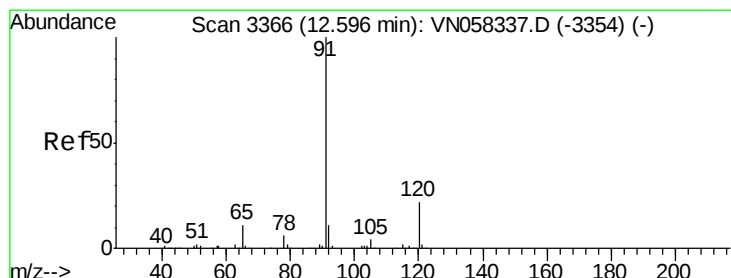
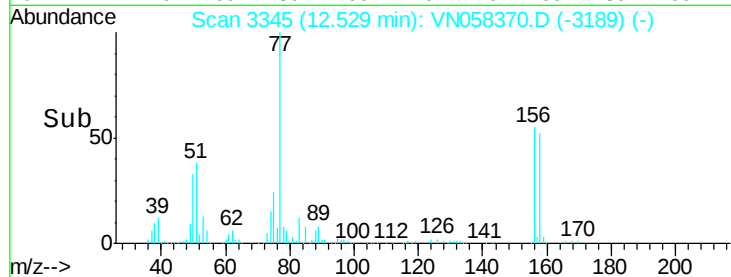
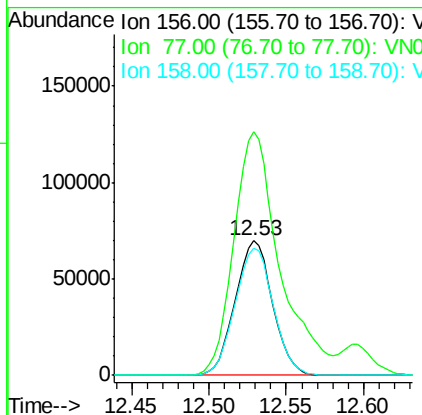
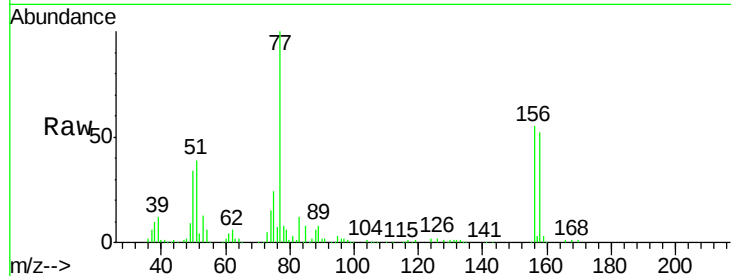
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
156	100	117199		
77	222.9	0.0	438.8	
158	97.1	0.0	195.6	

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#74

n-propylbenzene

Concen: 21.318 ug/l

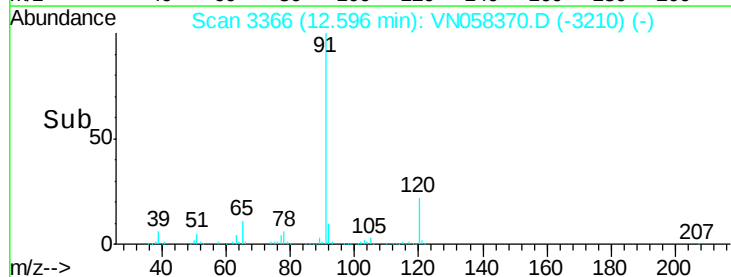
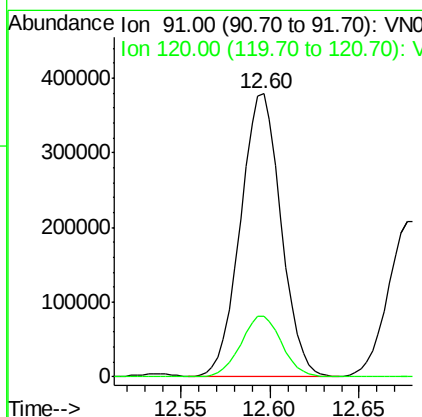
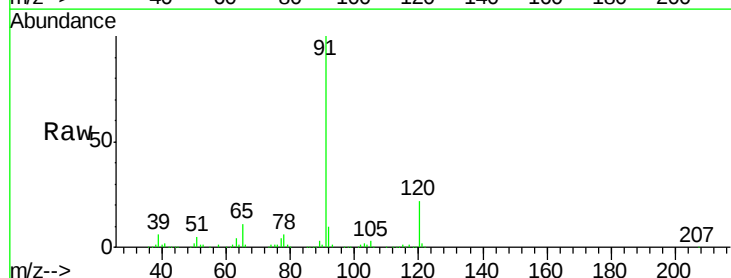
RT: 12.60 min Scan# 3366

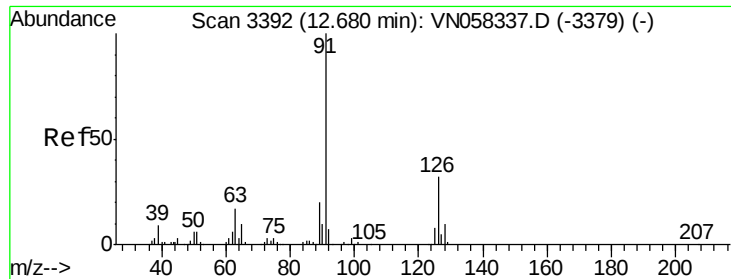
Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	603034		
120	21.5	0.0	44.0	





#75

2-Chlorotoluene

Concen: 19.776 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 349925

Ion Ratio Lower Upper

91 100

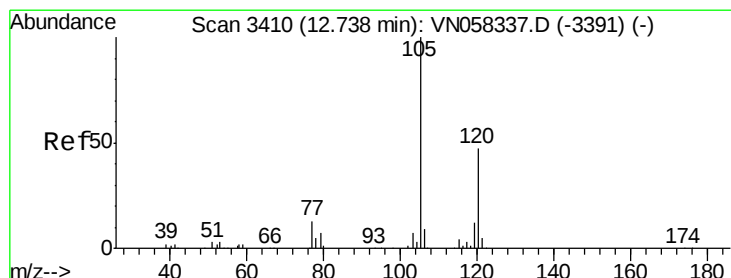
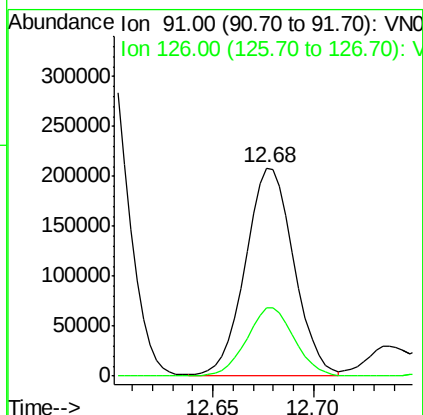
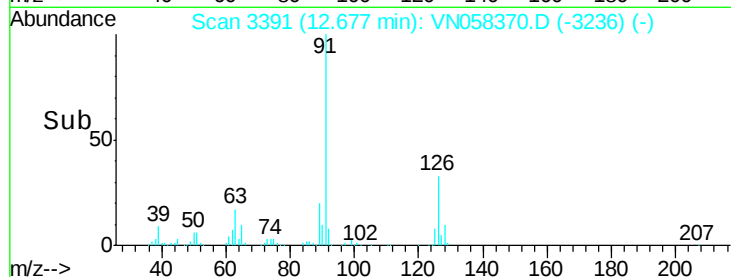
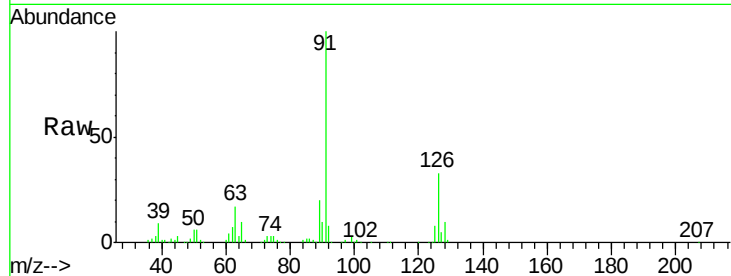
126 32.5 0.0 65.0

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 20.381 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058370.D

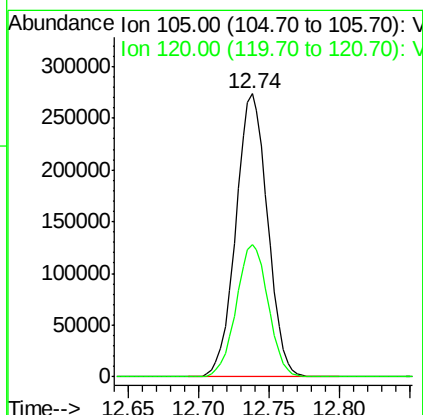
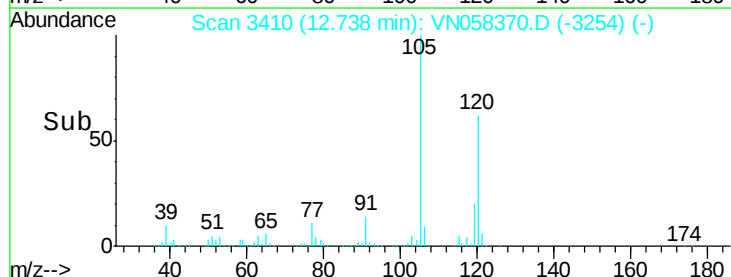
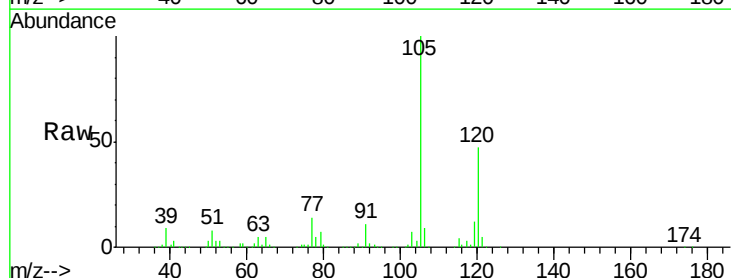
Acq: 26 Sep 2019 9:06

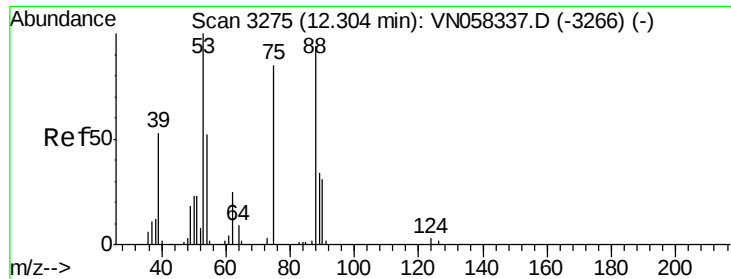
Tgt Ion: 105 Resp: 430595

Ion Ratio Lower Upper

105 100

120 47.1 0.0 94.4





#77

t-1,4-Dichloro-2-butene

Concen: 16.683 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

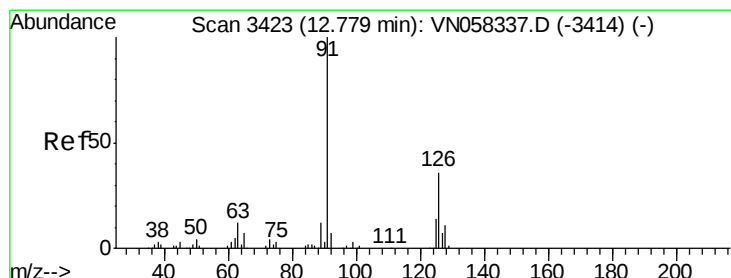
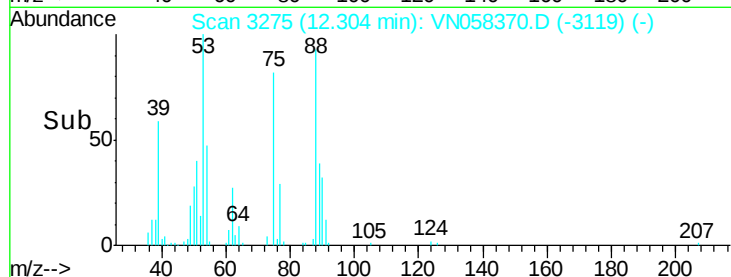
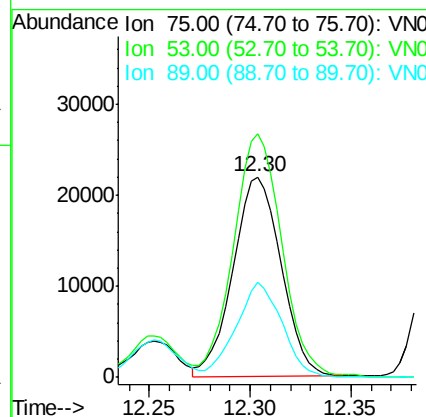
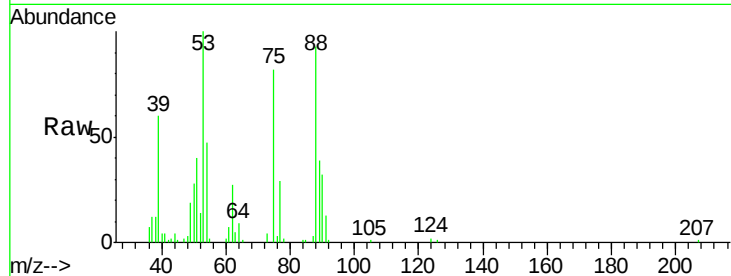
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	36498
Ion	Ratio	Lower	Upper
75	100		
53	120.9	59.0	176.8
89	47.7	21.6	65.0

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#78

4-Chlorotoluene

Concen: 19.790 ug/l

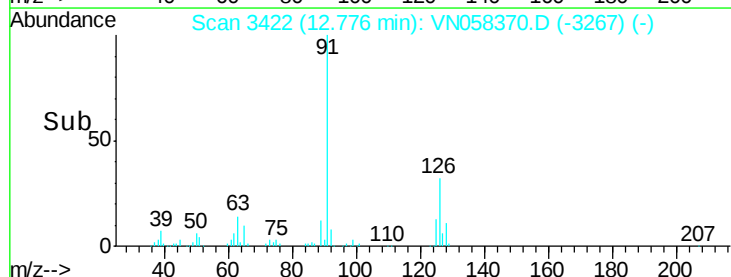
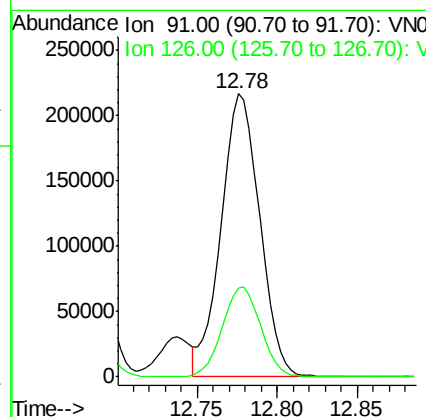
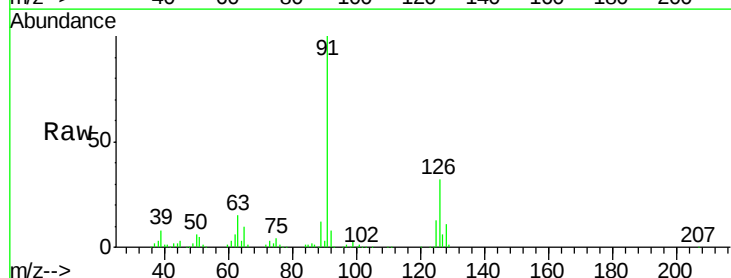
RT: 12.78 min Scan# 3422

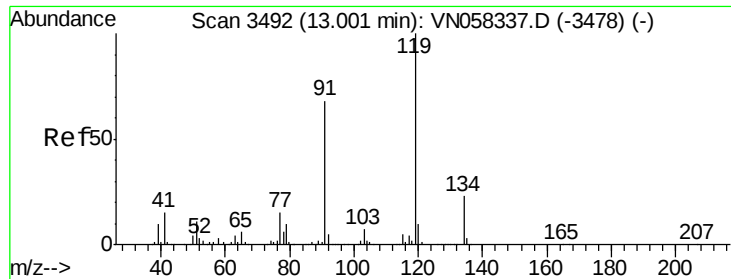
Delta R.T. -0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Tgt Ion:	91	Resp:	358885
Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	63.8





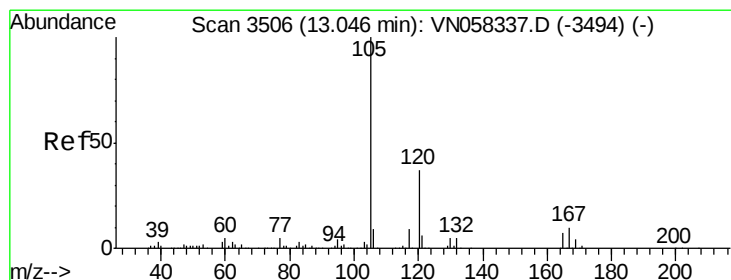
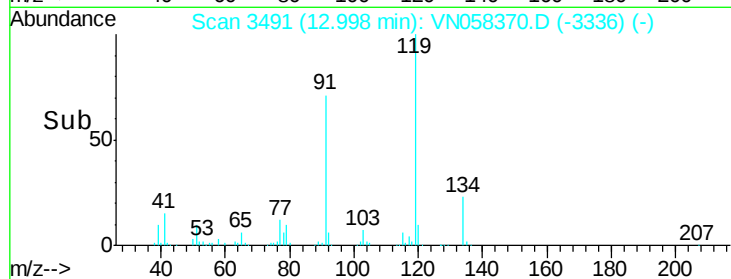
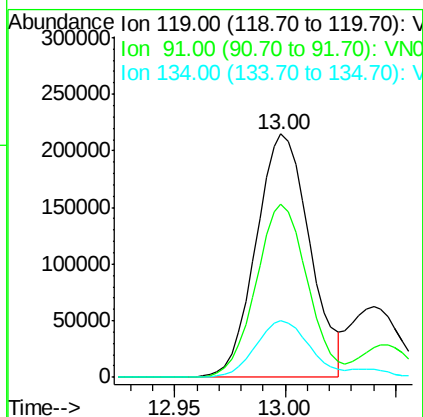
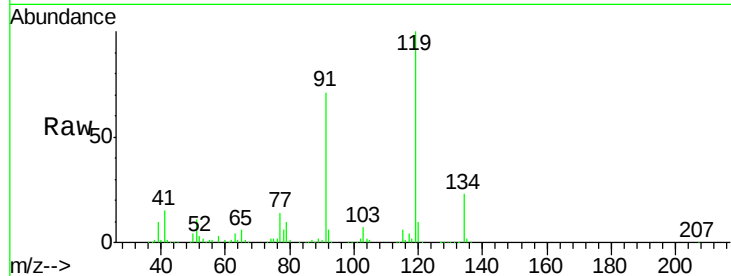
#79
tert-butylbenzene
Concen: 19.802 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	362231		
91	68.5	0.0	138.2	
134	23.4	0.0	46.8	

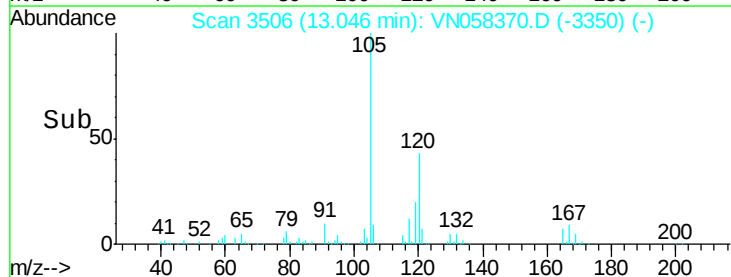
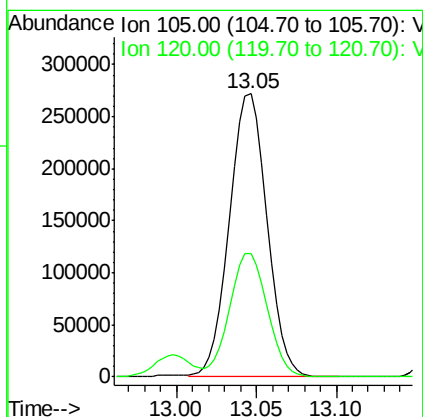
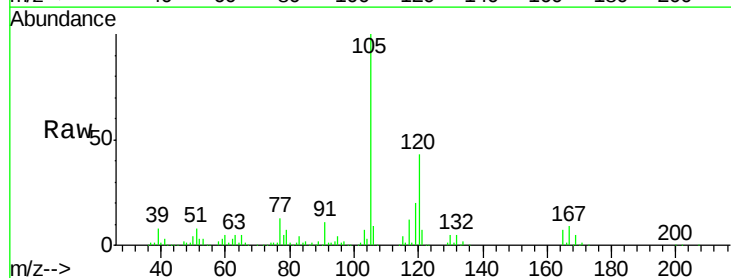
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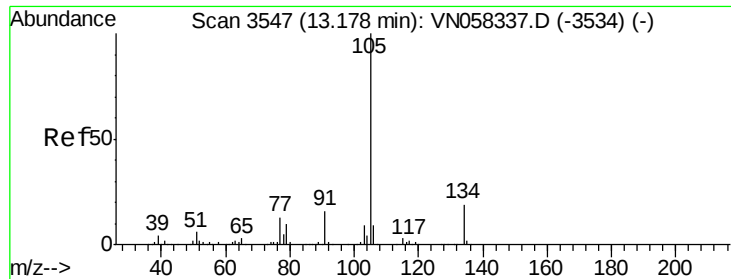
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#80
1,2,4-Trimethylbenzene
Concen: 20.652 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	435523		
120	43.7	0.0	86.6	





#81

sec-Butylbenzene

Concen: 20.795 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 498914

Ion Ratio Lower Upper

105 100

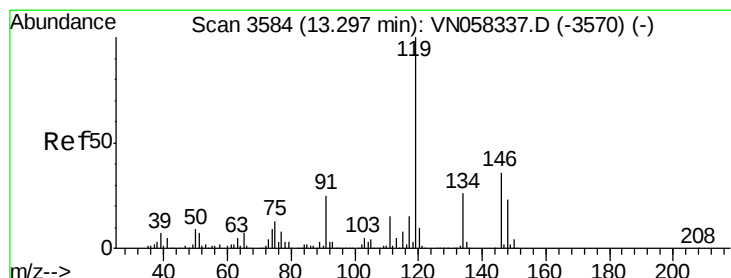
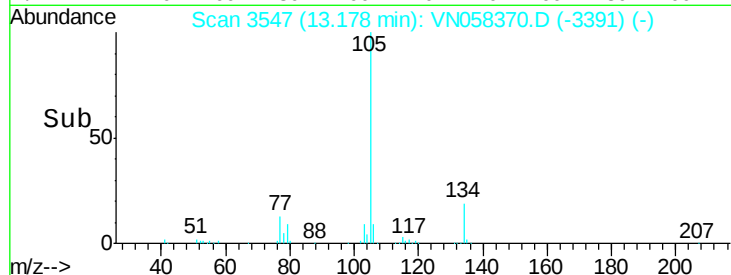
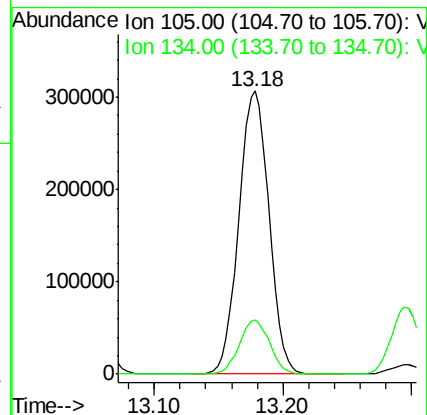
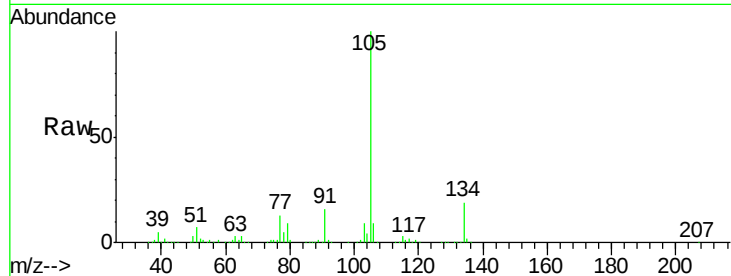
134 19.2 0.0 38.2

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#82

p-Isopropyltoluene

Concen: 20.420 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

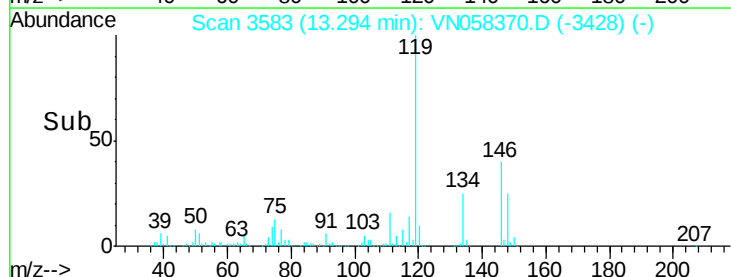
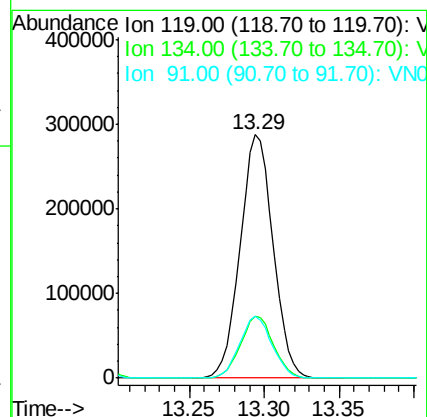
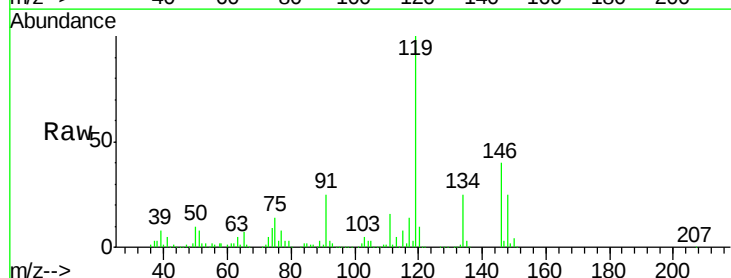
Tgt Ion:119 Resp: 441210

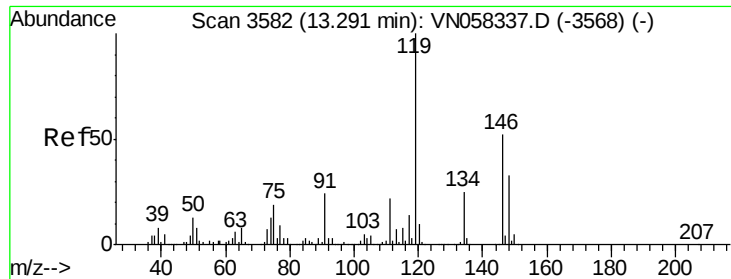
Ion Ratio Lower Upper

119 100

134 25.5 0.0 51.6

91 25.1 0.0 49.6





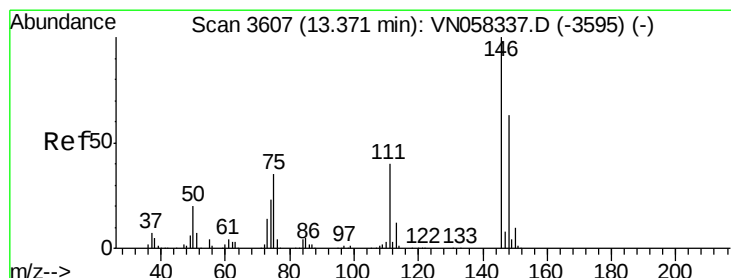
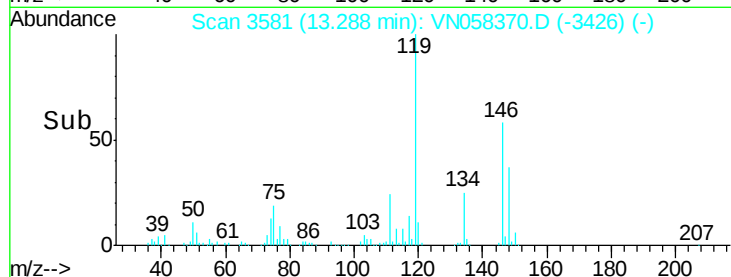
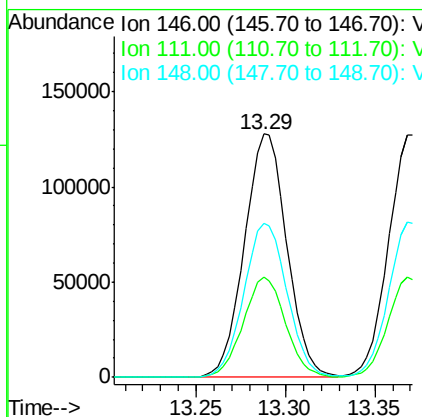
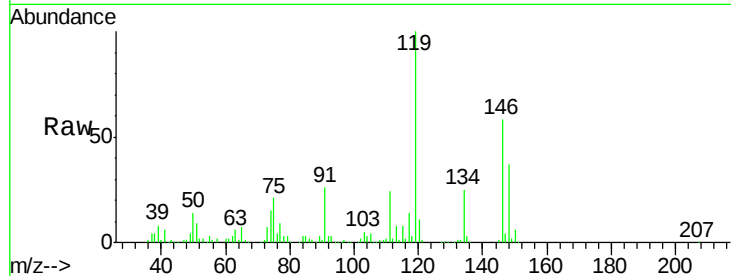
#83
 1,3-Dichlorobenzene
 Concen: 19.364 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	212328		
111	41.0	20.9	62.8	
148	64.5	32.0	96.2	

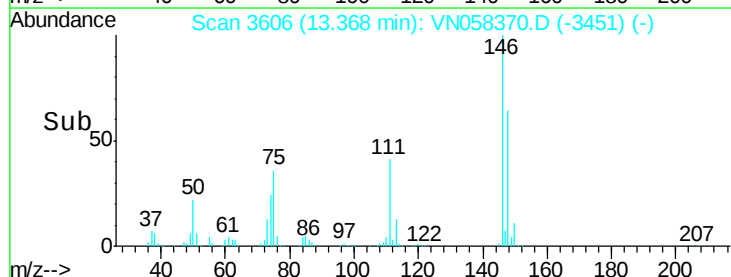
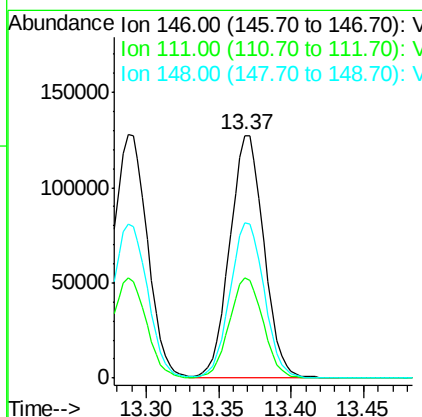
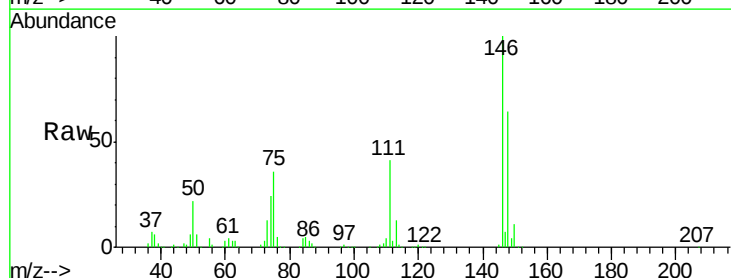
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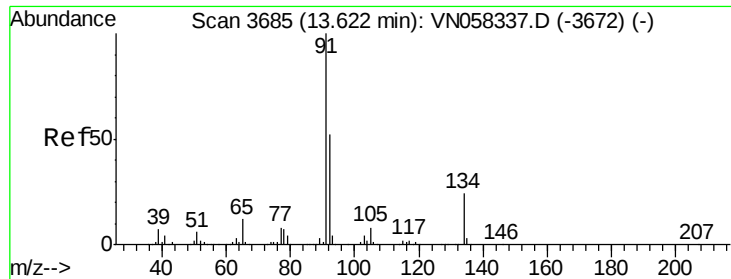
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#84
 1,4-Dichlorobenzene
 Concen: 18.995 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	207290		
111	41.1	20.4	61.3	
148	64.6	31.9	95.7	





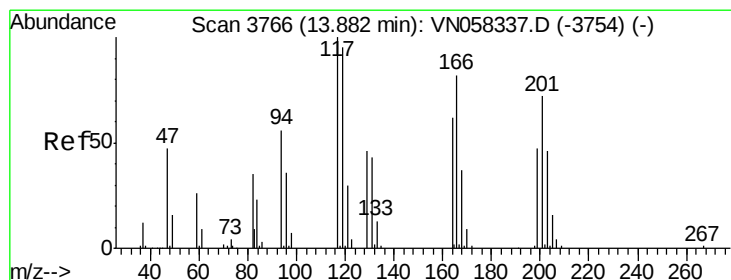
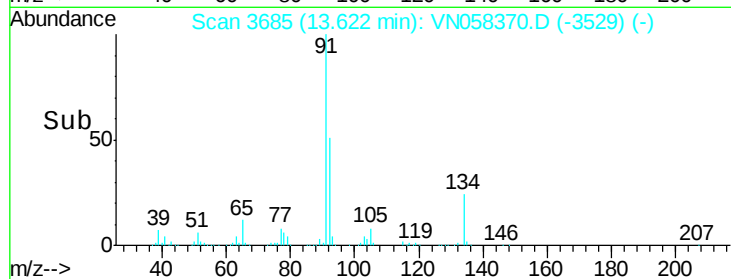
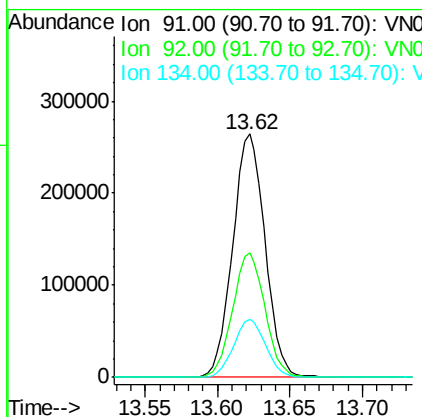
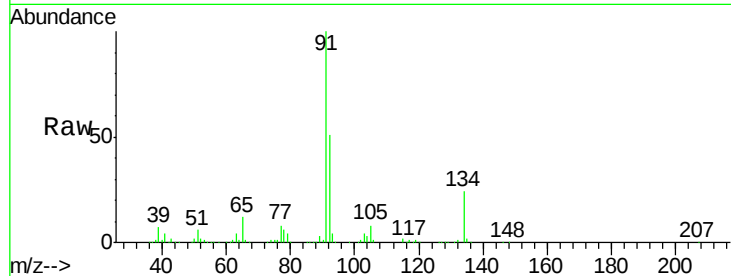
#85
n-Butylbenzene
Concen: 20.416 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	50.9	0.0	102.6	
134	23.6	0.0	47.8	

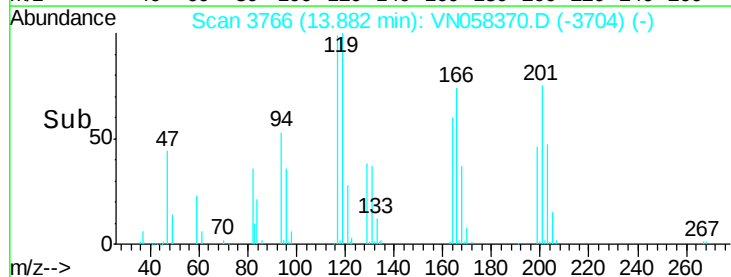
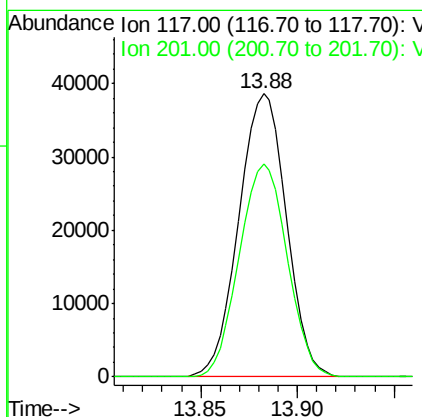
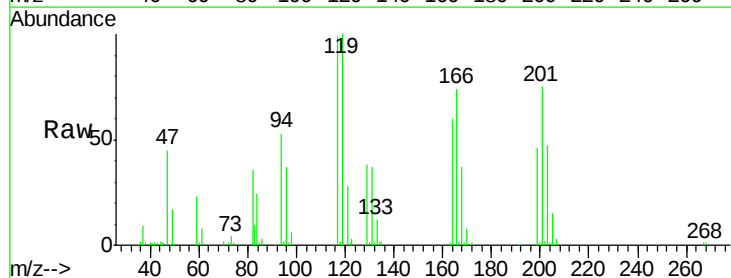
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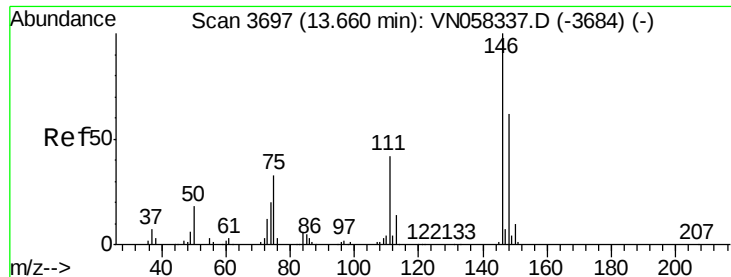
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#86
Hexachloroethane
Concen: 18.924 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	76.0	37.2	111.6	





#87

1,2-Dichlorobenzene

Concen: 19.516 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Instrument :

MSVOA_N

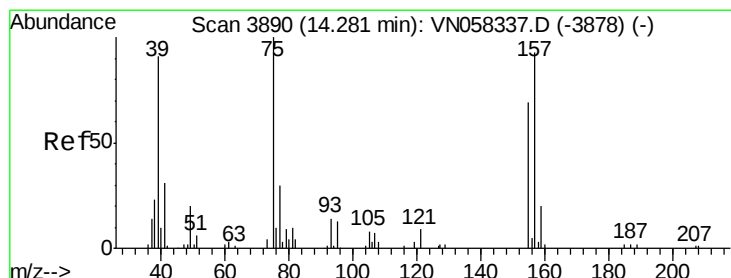
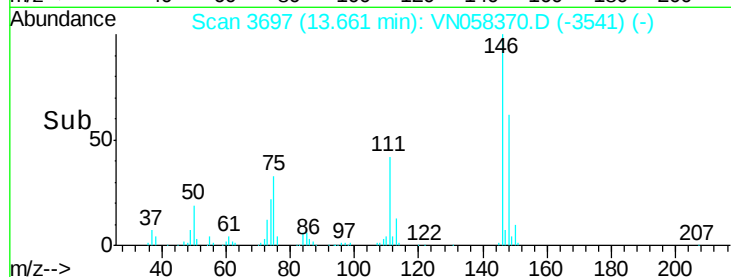
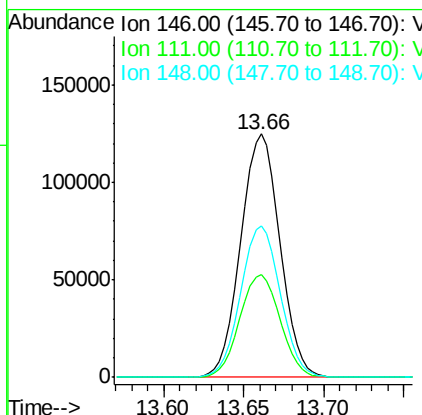
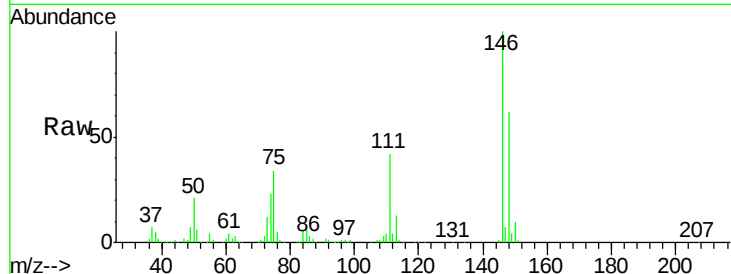
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	208960
Ion Ratio		Lower	Upper
146	100		
111	43.4	21.1	63.3
148	63.1	31.9	95.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.576 ug/l

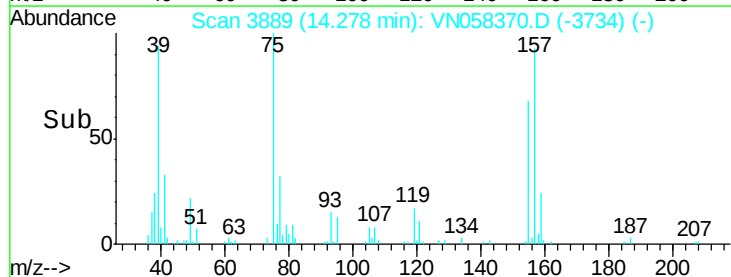
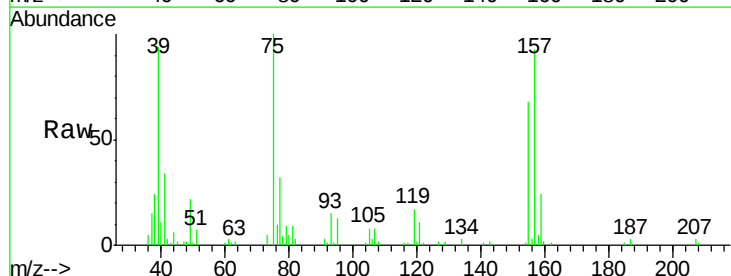
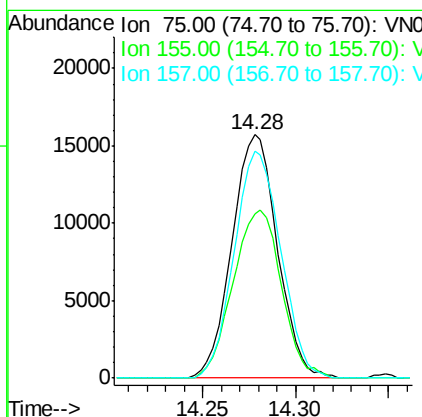
RT: 14.28 min Scan# 3889

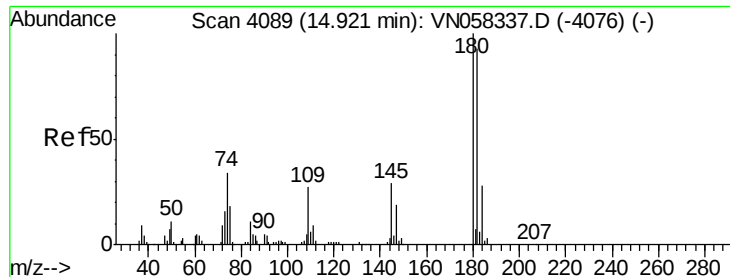
Delta R.T. -0.00 min

Lab File: VN058370.D

Acq: 26 Sep 2019 9:06

Tgt Ion:	75	Resp:	26752
Ion Ratio		Lower	Upper
75	100		
155	73.2	58.5	87.7
157	95.5	75.4	113.2





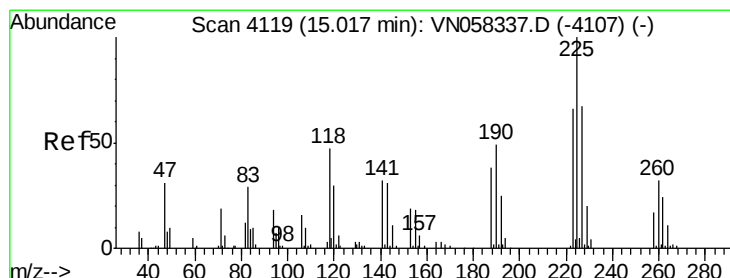
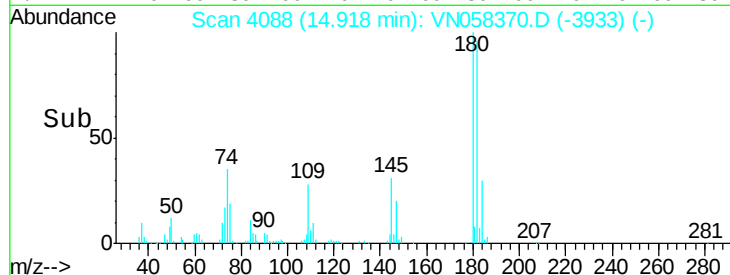
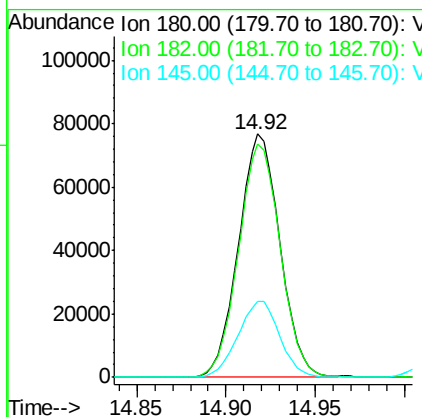
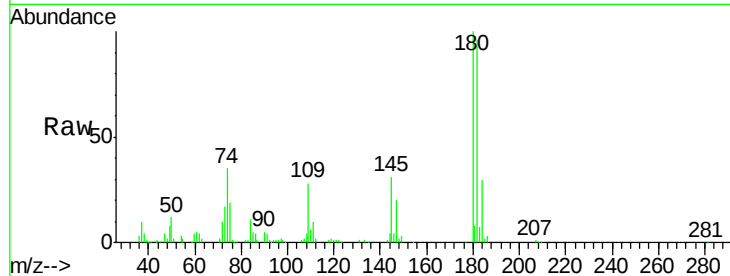
#89
 1,2,4-Trichlorobenzene
 Concen: 17.722 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.2	112.8
145	31.5	25.1	37.7

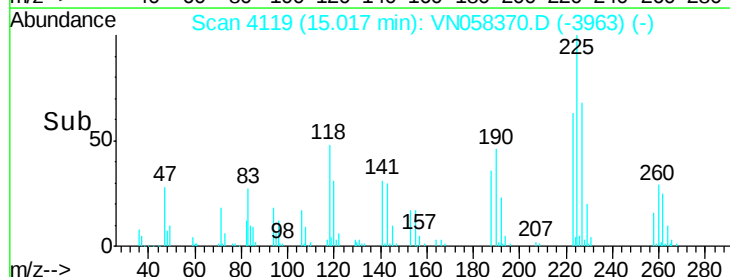
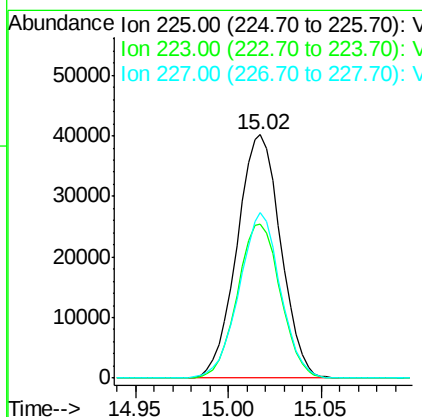
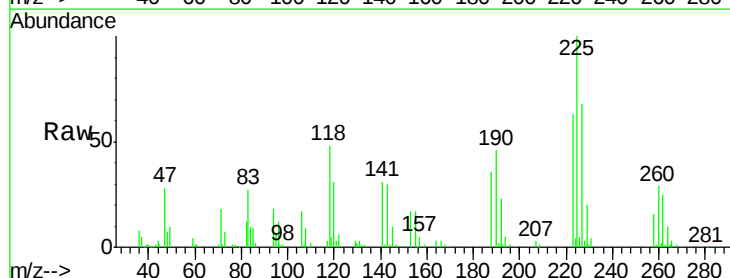
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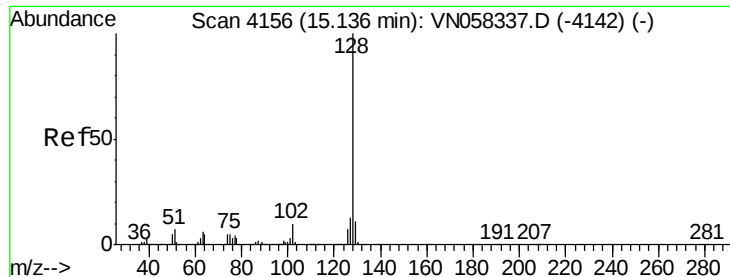
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#90
 Hexachlorobutadiene
 Concen: 19.407 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058370.D
 Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	132.6
227	64.2	0.0	129.2





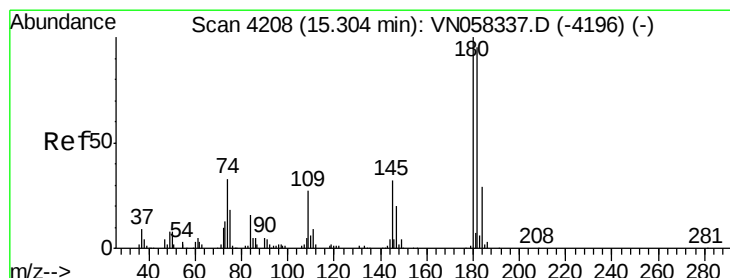
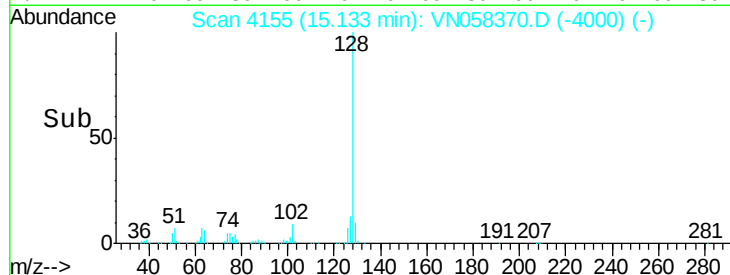
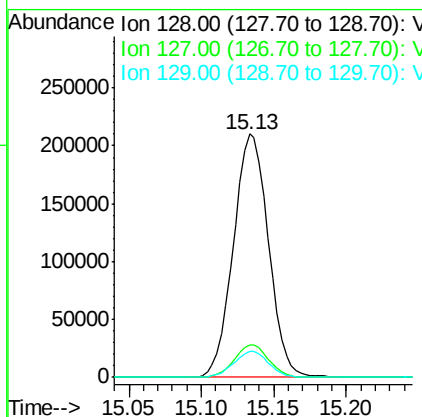
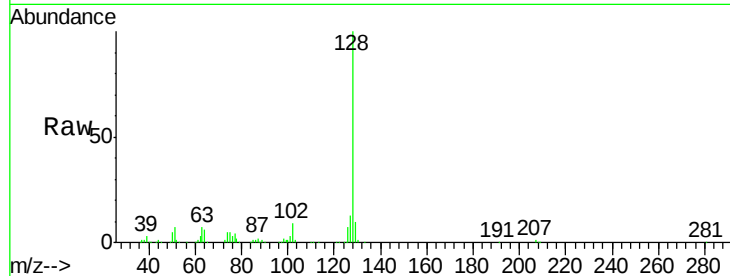
#91
Naphthalene
Concen: 18.394 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	353346		
127	13.2		10.2	15.4
129	10.6		8.6	13.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.647 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN058370.D
Acq: 26 Sep 2019 9:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125276		
182	92.3		0.0	189.4
145	30.9		0.0	64.0

