

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064345.D
 Acq On : 28 Oct 2020 12:18
 Operator : JC/MD
 Sample : VN1028WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:49:45 AM

Quant Time: Oct 29 02:54:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	235301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	200138	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.55	113	133711	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	477586	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	191228	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53074	19.622	ug/l	94
3) Chloromethane	2.04	50	54510	18.643	ug/l	96
4) Vinyl Chloride	2.16	62	56005	19.803	ug/l	96
5) Bromomethane	2.53	94	33842	18.519	ug/l	100
6) Chloroethane	2.67	64	32750	19.380	ug/l	98
7) Trichlorofluoromethane	2.98	101	96084	20.280	ug/l	98
8) Diethyl Ether	3.38	74	30942	20.645	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	48593m	20.406	ug/l	
10) Methyl Iodide	3.91	142	53300	16.773	ug/l	97
11) Tert butyl alcohol	4.73	59	56437	102.817	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	43557	19.376	ug/l	84
13) Acrolein	3.58	56	9815	94.250	ug/l	100
14) Allyl chloride	4.28	41	90425	19.700	ug/l	97
15) Acrylonitrile	4.93	53	116730	98.889	ug/l	97
16) Acetone	3.78	43	123519	91.148	ug/l	96
17) Carbon Disulfide	4.01	76	123368	18.548	ug/l	96
18) Methyl Acetate	4.27	43	55399	19.503	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	168972	19.563	ug/l	97
20) Methylene Chloride	4.51	84	52609	19.618	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	49909	19.902	ug/l	89
22) Diisopropyl ether	5.90	45	178516	19.897	ug/l	94
23) Vinyl Acetate	5.84	43	786615	103.630	ug/l	99
24) 1,1-Dichloroethane	5.79	63	99775	19.874	ug/l	98
25) 2-Butanone	6.78	43	183335	96.565	ug/l	96
26) 2,2-Dichloropropane	6.77	77	94404	19.213	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	56232	19.593	ug/l	96
28) Bromochloromethane	7.15	49	47823	19.993	ug/l	99
29) Tetrahydrofuran	7.16	42	123867	100.497	ug/l	99
30) Chloroform	7.33	83	104469	19.495	ug/l	96
31) Cyclohexane	7.61	56	84088	19.161	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	100649	19.559	ug/l	98
36) 1,1-Dichloropropene	7.75	75	77128	19.449	ug/l	99
37) Ethyl Acetate	6.88	43	77377	19.316	ug/l	99
38) Carbon Tetrachloride	7.73	117	90805	19.750	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064345.D
 Acq On : 28 Oct 2020 12:18
 Operator : JC/MD
 Sample : VN1028WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:49:45 AM

Quant Time: Oct 29 02:54:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73214	18.619	ug/l	96
40) Benzene	8.00	78	206295	18.688	ug/l	98
41) Methacrylonitrile	7.13	41	40919m	20.578	ug/l	
42) 1,2-Dichloroethane	8.08	62	92888	19.480	ug/l	100
43) Isopropyl Acetate	8.13	43	131253	19.168	ug/l #	90
44) Trichloroethene	8.80	130	57176	19.772	ug/l	90
45) 1,2-Dichloropropane	9.08	63	56170	19.002	ug/l	94
46) Dibromomethane	9.17	93	41330	19.986	ug/l	99
47) Bromodichloromethane	9.37	83	84692	18.480	ug/l	98
48) Methyl methacrylate	9.16	41	65796	18.624	ug/l	98
49) 1,4-Dioxane	9.17	88	20340	390.604	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	390502	98.106	ug/l	100
52) Toluene	10.12	92	131463	18.873	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	92090	19.004	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	94533	18.951	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	53396	19.420	ug/l	99
56) Ethyl methacrylate	10.40	69	79332	19.060	ug/l	100
57) 1,3-Dichloropropane	10.68	76	92692	19.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	203315	89.515	ug/l	98
59) 2-Hexanone	10.72	43	286510	97.733	ug/l	97
60) Dibromochloromethane	10.87	129	61680	18.973	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56279	20.088	ug/l	100
64) Tetrachloroethene	10.60	164	54671	18.237	ug/l	96
65) Chlorobenzene	11.41	112	140445	18.993	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	55855	18.688	ug/l	98
67) Ethyl Benzene	11.48	91	261071	18.990	ug/l	98
68) m/p-Xylenes	11.60	106	191767	37.640	ug/l	99
69) o-Xylene	11.92	106	90584	18.455	ug/l	97
70) Styrene	11.94	104	149128	18.531	ug/l	97
71) Bromoform	12.10	173	44616	19.020	ug/l #	92
73) Isopropylbenzene	12.22	105	241121	18.948	ug/l	99
74) N-amyl acetate	12.05	43	108572	19.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	71906	19.439	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	72625m	17.849	ug/l	
77) Bromobenzene	12.50	156	58956	18.920	ug/l	98
78) n-propylbenzene	12.56	91	270853	18.800	ug/l	99
79) 2-Chlorotoluene	12.65	91	175657	19.073	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	207432	19.264	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26758	18.943	ug/l	93
82) 4-Chlorotoluene	12.75	91	182788	19.482	ug/l	100
83) tert-Butylbenzene	12.97	119	168702	19.093	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	209976	19.516	ug/l	100
85) sec-Butylbenzene	13.14	105	216472	18.932	ug/l	100
86) p-Isopropyltoluene	13.26	119	197236	19.147	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	106712	19.562	ug/l	95
88) 1,4-Dichlorobenzene	13.33	146	102213	18.396	ug/l	97
89) n-Butylbenzene	13.59	91	164666	18.145	ug/l	98
90) Hexachloroethane	13.85	117	38161	19.726	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	102868	18.967	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19000	20.701	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
Data File : VN064345.D
Acq On : 28 Oct 2020 12:18
Operator : JC/MD
Sample : VN1028WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

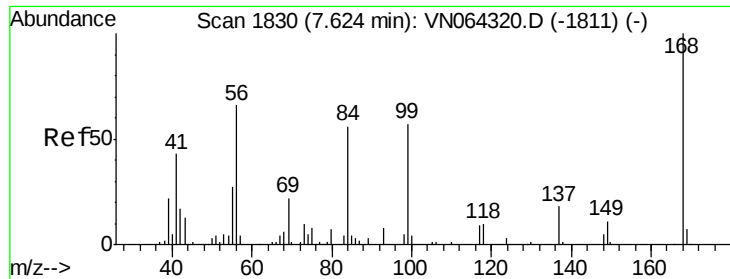
Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:49:45 AM

Quant Time: Oct 29 02:54:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51944	18.010	ug/l	96
94) Hexachlorobutadiene	14.98	225	31369	18.848	ug/l	96
95) Naphthalene	15.10	128	160502	18.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	51193	18.477	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tot Ion:168 Resp: 235301

Ion Ratio Lower Upper

168 100

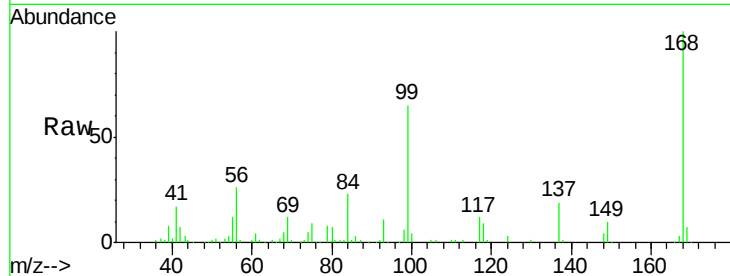
99 64.7 52.7 79.1

Manual Integrations

APPROVED

MMDadoda

10/29/2020 9:49:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

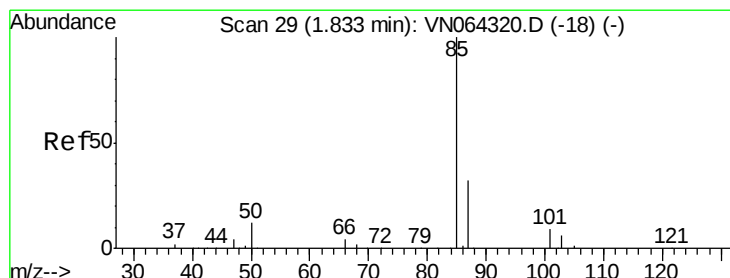
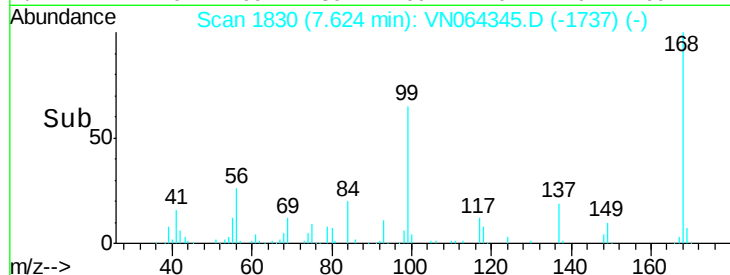
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.622 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064345.D

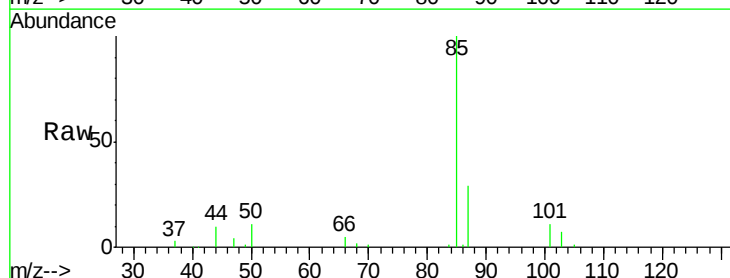
Acq: 28 Oct 2020 12:18

Tgt Ion: 85 Resp: 53074

Ion Ratio Lower Upper

85 100

87 28.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

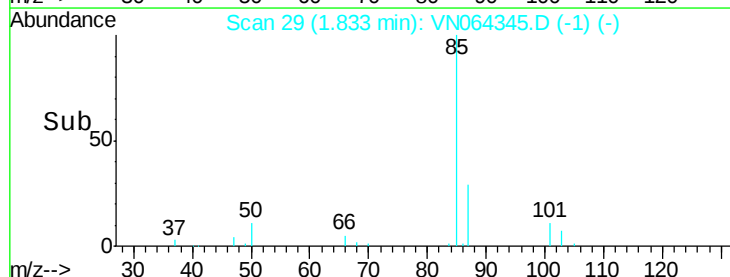
30000

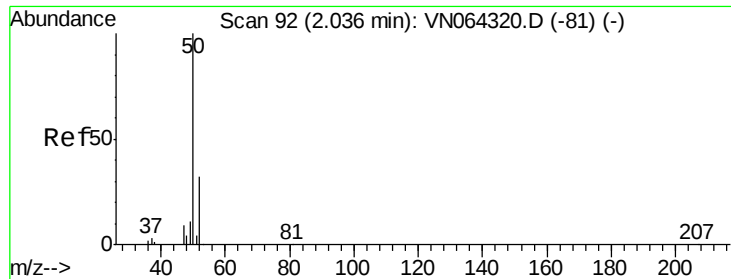
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.643 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tot Ion: 50 Resp: 54510

Ion Ratio Lower Upper

50 100

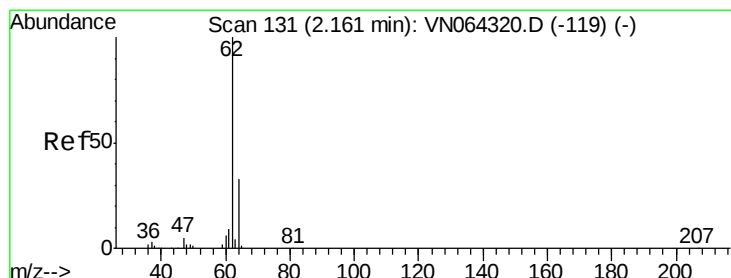
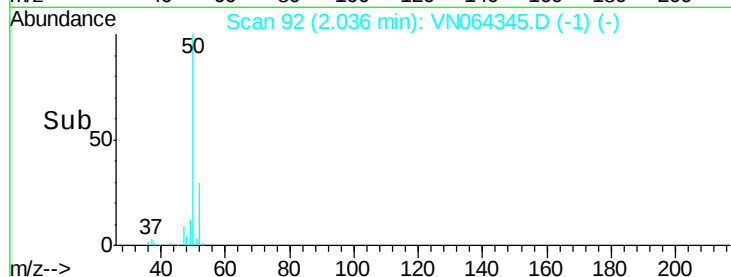
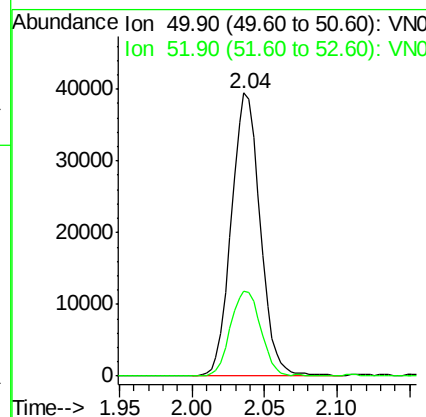
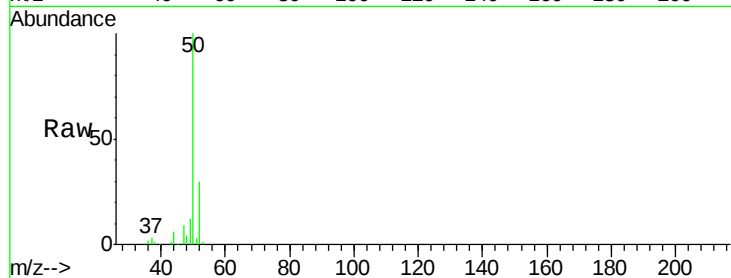
52 30.0 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

10/29/2020 9:49:45 AM



#4

Vinyl Chloride

Concen: 19.803 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064345.D

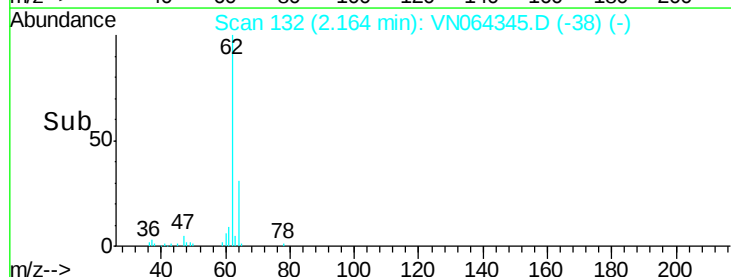
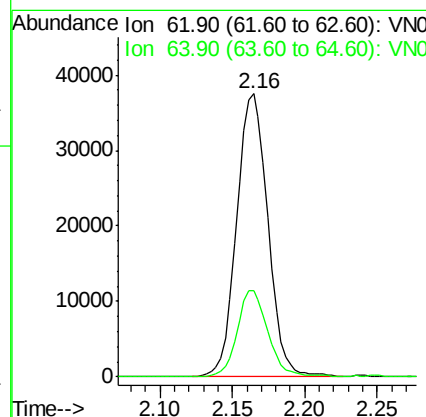
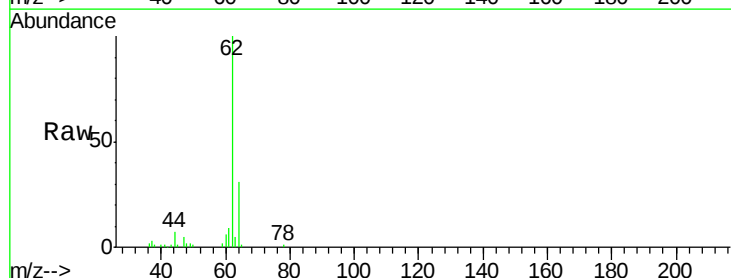
Acq: 28 Oct 2020 12:18

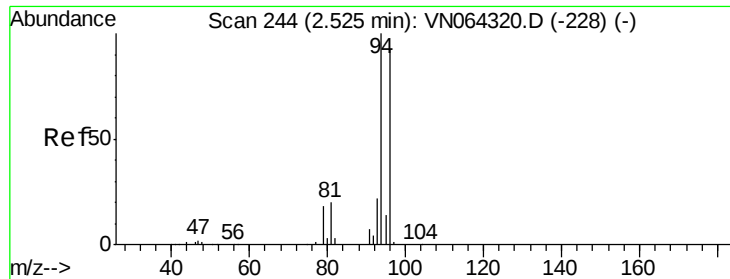
Tgt Ion: 62 Resp: 56005

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.4





#5

Bromomethane

Concen: 18.519 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tot Ion: 94 Resp: 33842

Ion Ratio Lower Upper

94 100

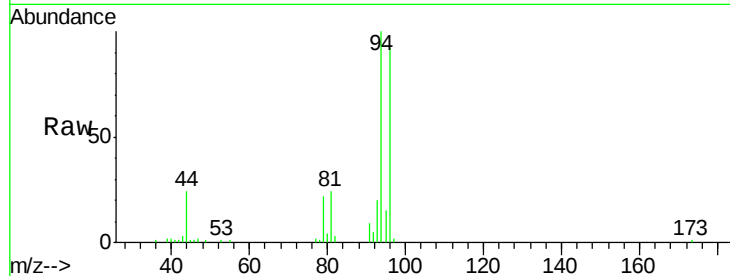
96 92.0 73.6 110.4

Manual Integrations

APPROVED

MMDadoda

10/29/2020 9:49:45 AM



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

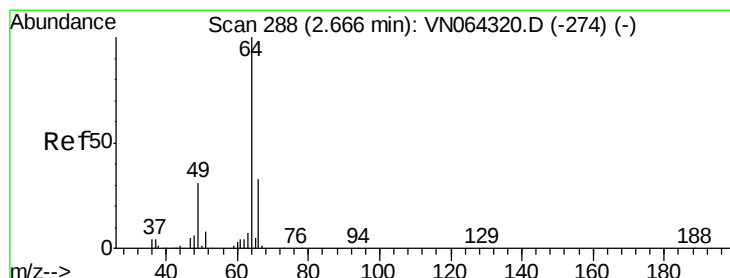
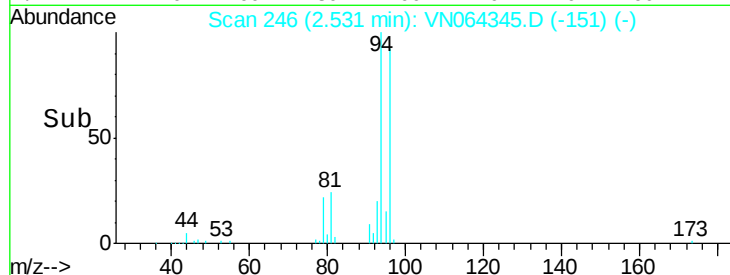
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.380 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN064345.D

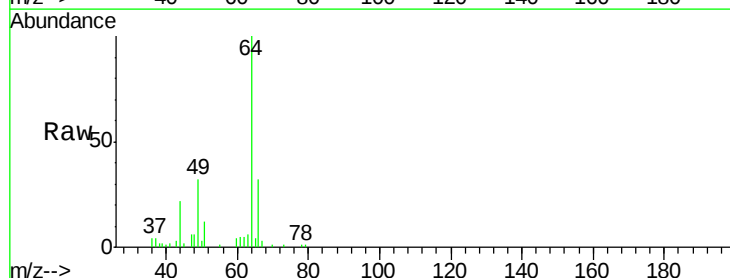
Acq: 28 Oct 2020 12:18

Tgt Ion: 64 Resp: 32750

Ion Ratio Lower Upper

64 100

66 31.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.67

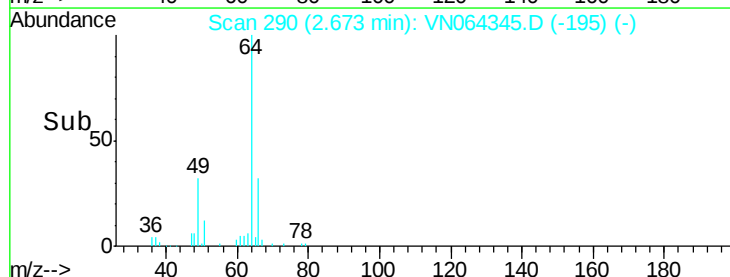
15000

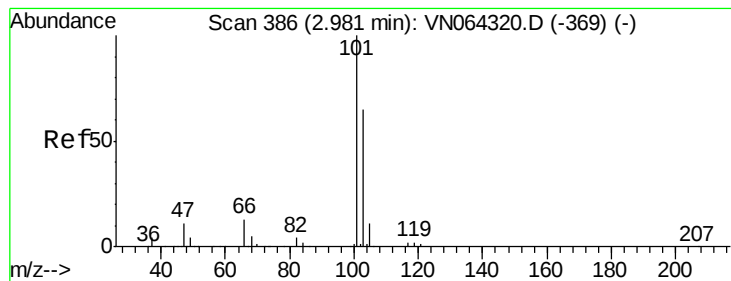
10000

5000

0

Time-->





#7

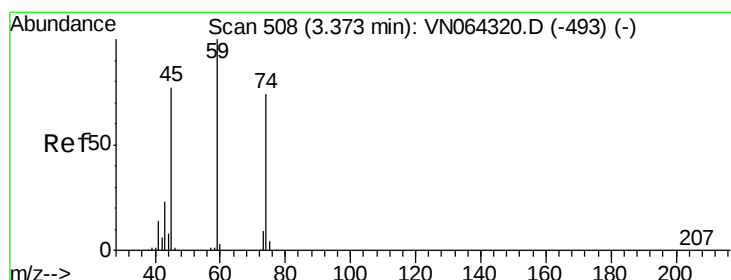
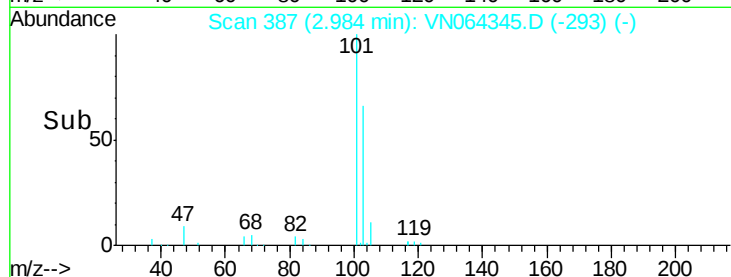
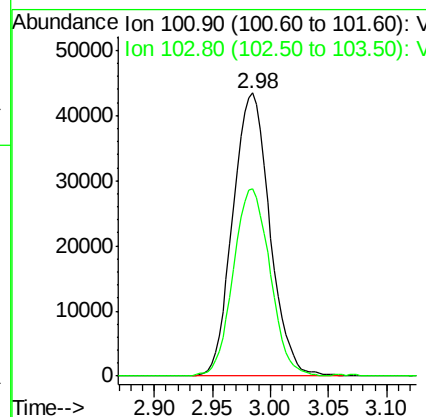
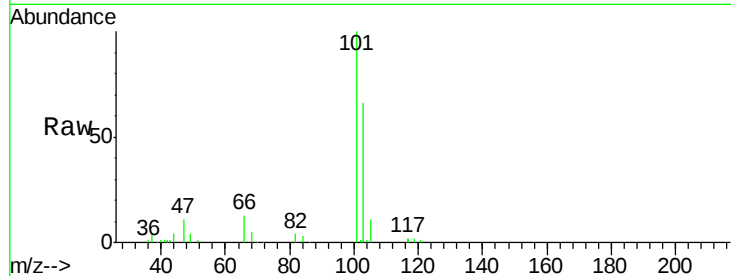
Trichlorofluoromethane
 Concen: 20.280 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		96084		
103	66.3	51.7		77.5	

Manual Integrations
 APPROVED

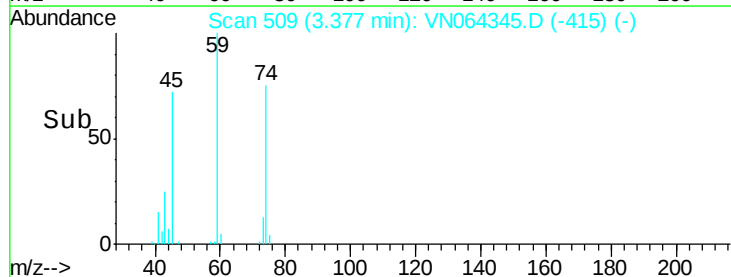
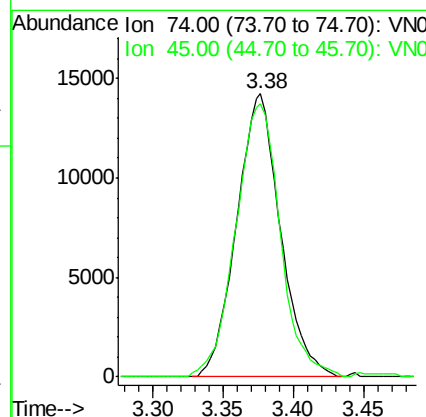
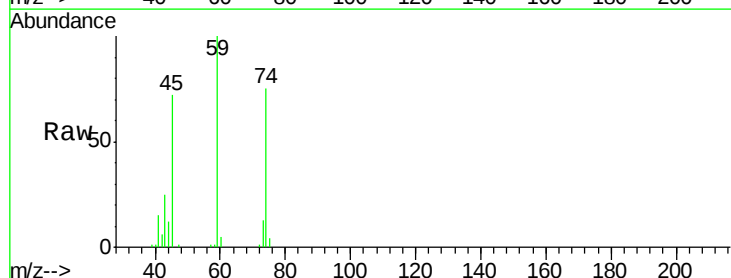
MMDadoda
 10/29/2020 9:49:45 AM

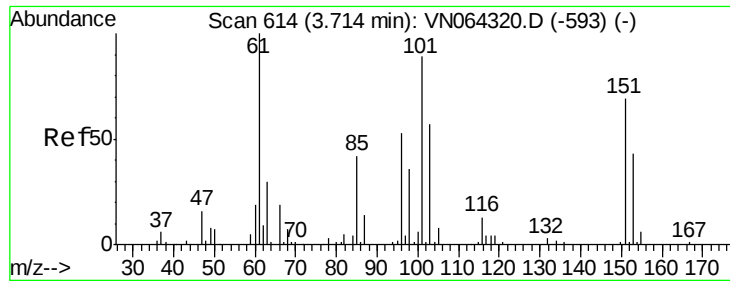


#8

Diethyl Ether
 Concen: 20.645 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		30942		
45	98.3	51.3		154.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.406 ug/l m

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

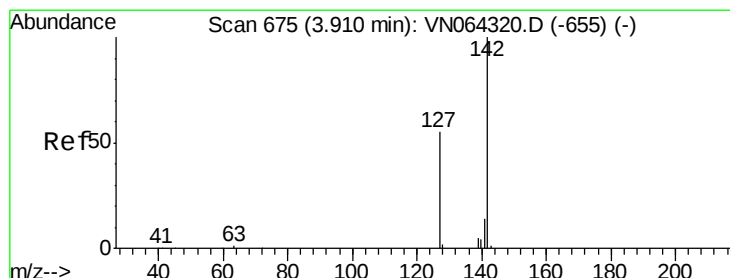
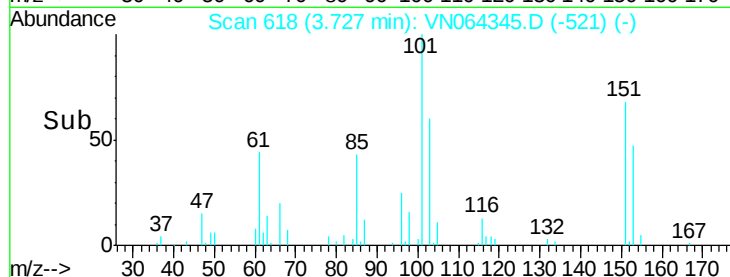
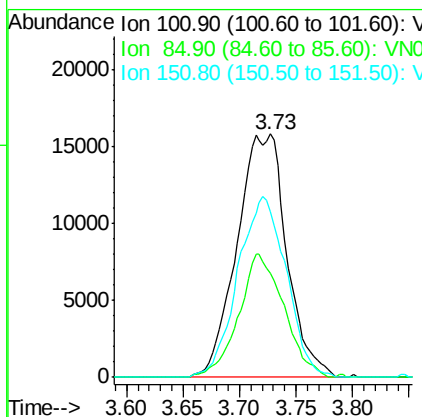
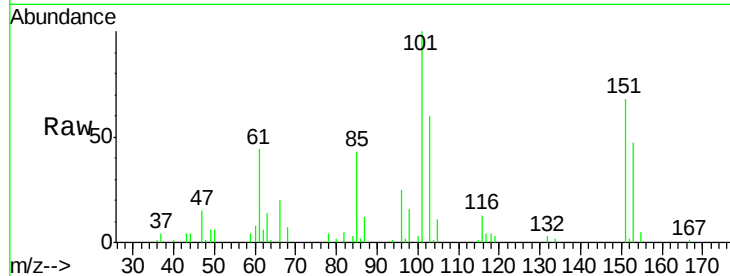
ClientSampleId :

VN1028WBS01

Tot Ion:	101	Resp:	48593
Ion Ratio	Lower	Upper	
101	100		
85	46.1	38.4	57.6
151	72.2	62.0	93.0

Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:49:45 AM



#10

Methyl Iodide

Concen: 16.773 ug/l

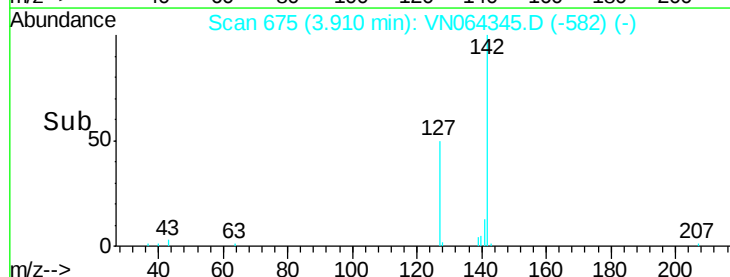
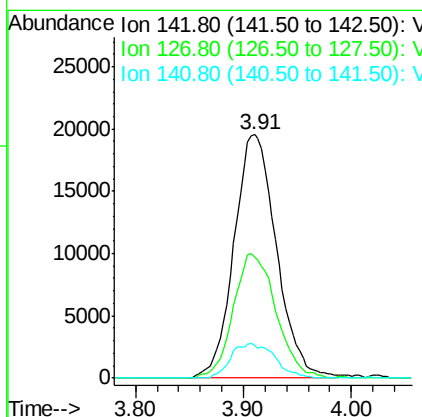
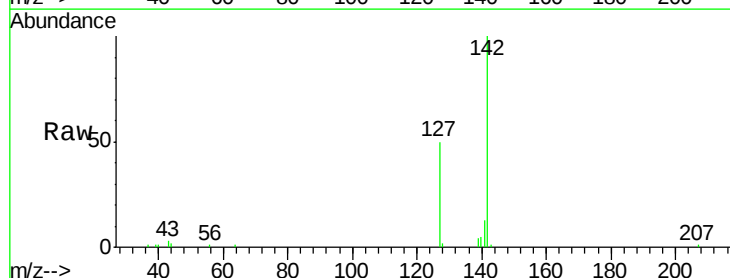
RT: 3.91 min Scan# 675

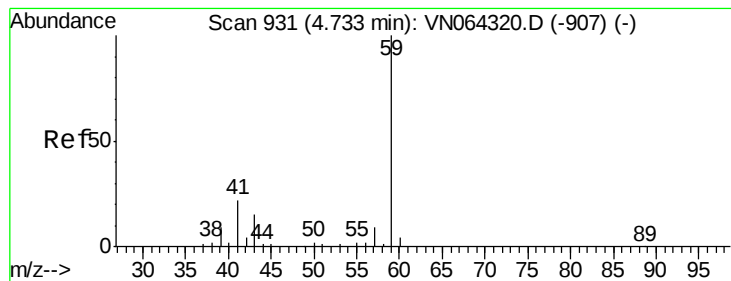
Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion:	142	Resp:	53300
Ion Ratio	Lower	Upper	
142	100		
127	51.2	43.3	64.9
141	14.7	11.5	17.3





#11

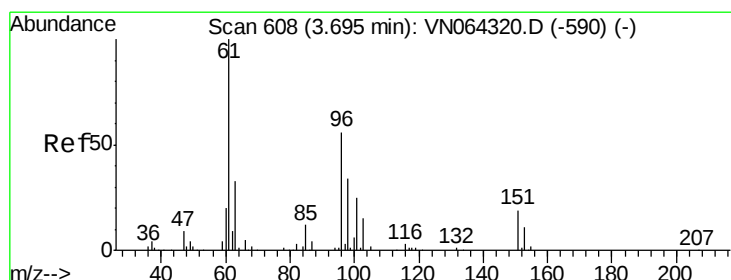
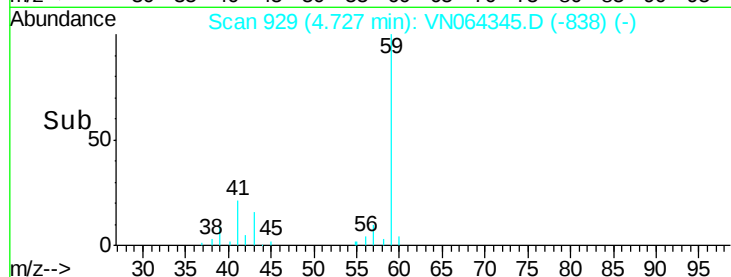
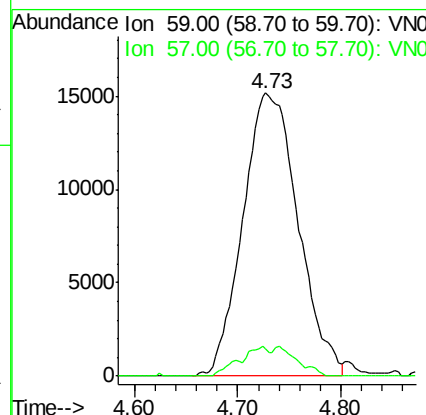
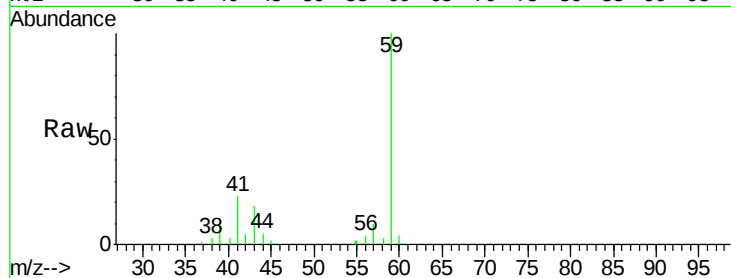
Tert butyl alcohol
 Concen: 102.817 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.4	9.4	14.0#

Manual Integrations
 APPROVED

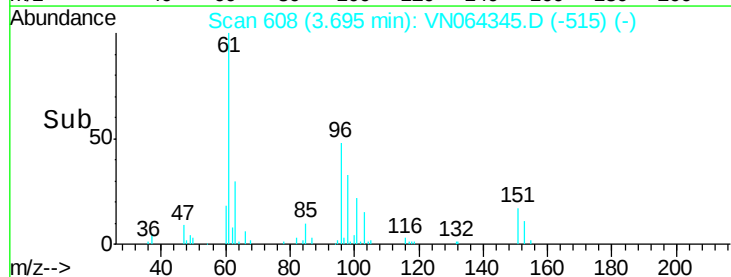
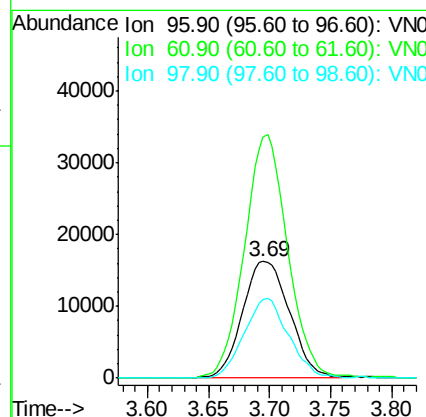
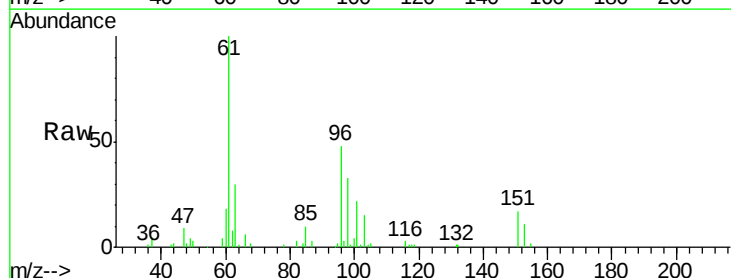
MMDadoda
 10/29/2020 9:49:45 AM

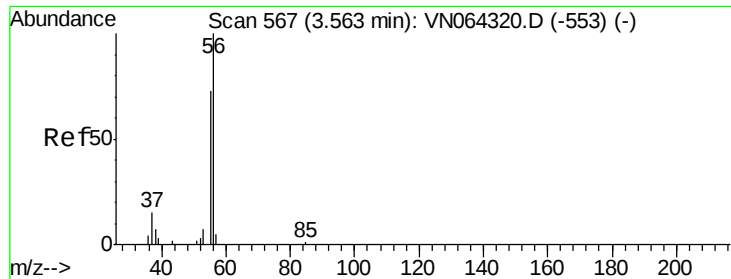


#12

1,1-Dichloroethene
 Concen: 19.376 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	206.3	143.6	215.4
98	67.8	48.6	73.0





#13

Acrolein

Concen: 94.250 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tot Ion: 56 Resp: 9815

Ion Ratio Lower Upper

56 100

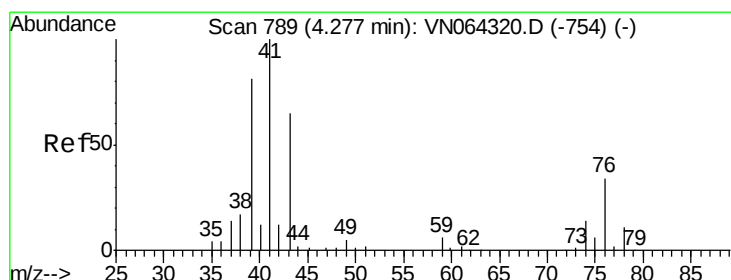
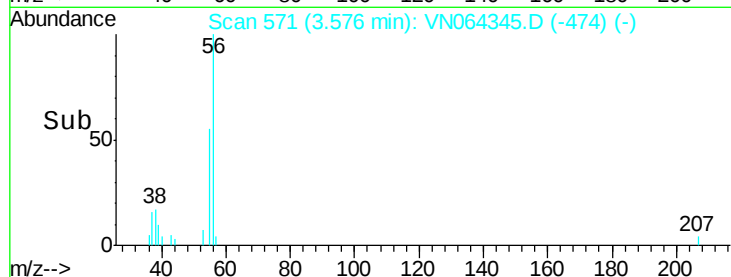
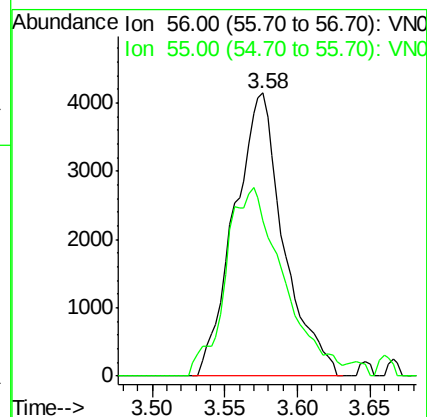
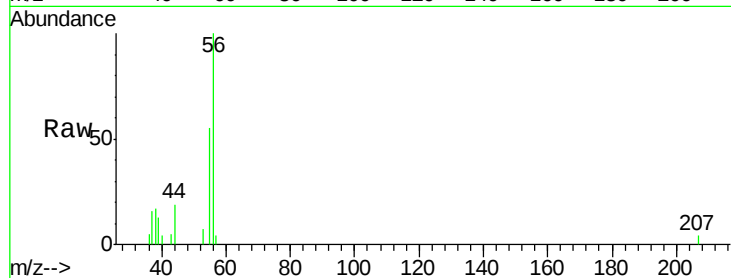
55 77.9 62.6 94.0

Manual Integrations

APPROVED

MMDadoda

10/29/2020 9:49:45 AM



#14

Allyl chloride

Concen: 19.700 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

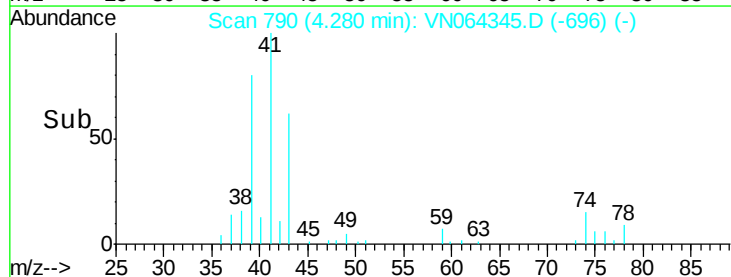
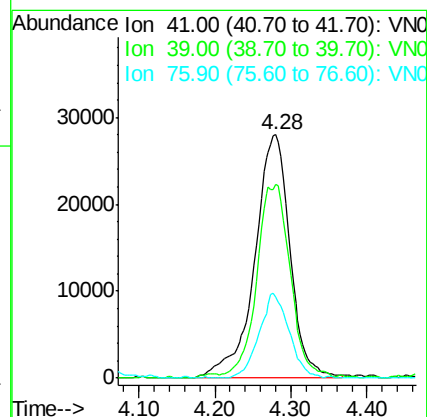
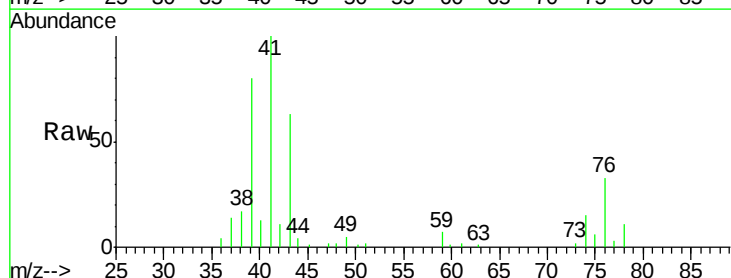
Tgt Ion: 41 Resp: 90425

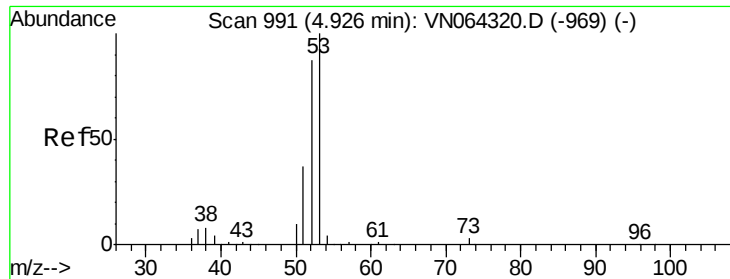
Ion Ratio Lower Upper

41 100

39 74.4 61.7 92.5

76 29.4 24.0 36.0





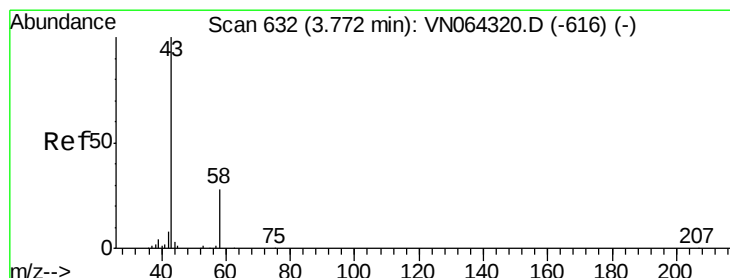
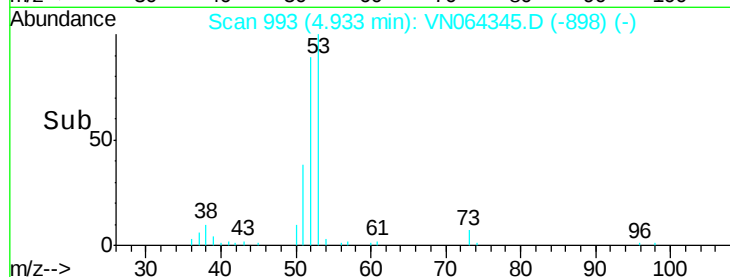
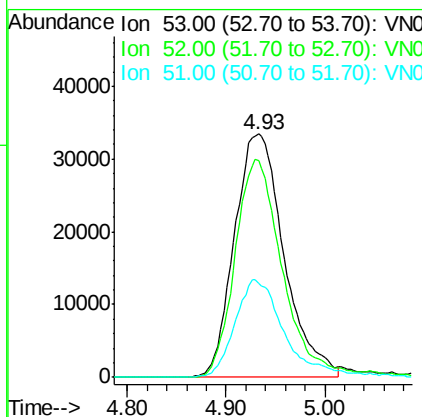
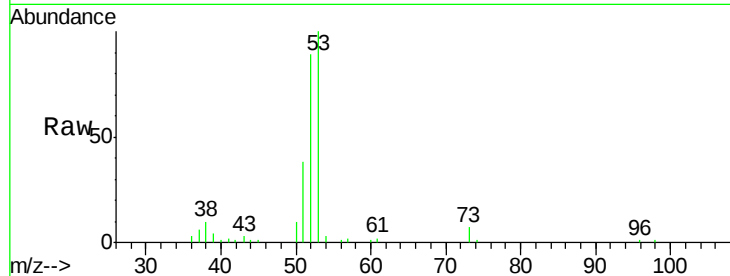
#15
 Acrylonitrile
 Concen: 98.889 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	85.0	65.9	98.9
51	39.6	30.4	45.6

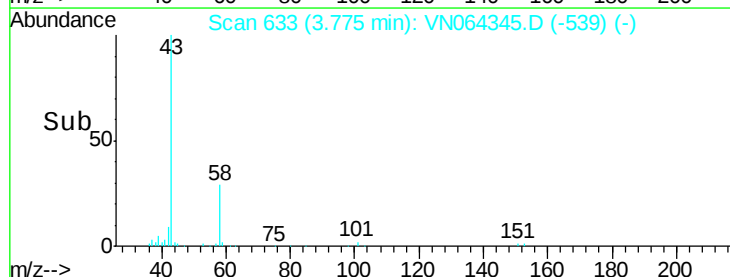
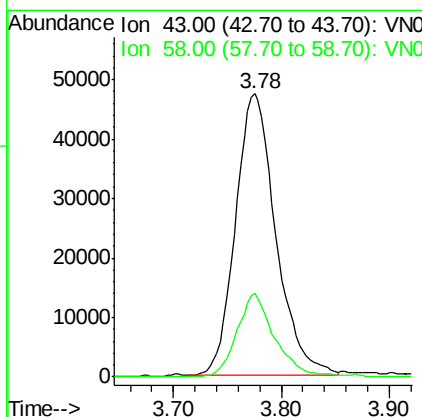
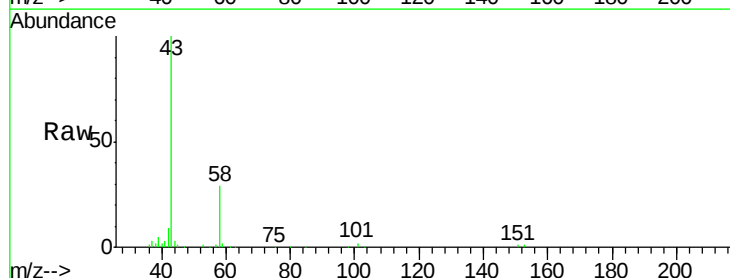
Manual Integrations
 APPROVED

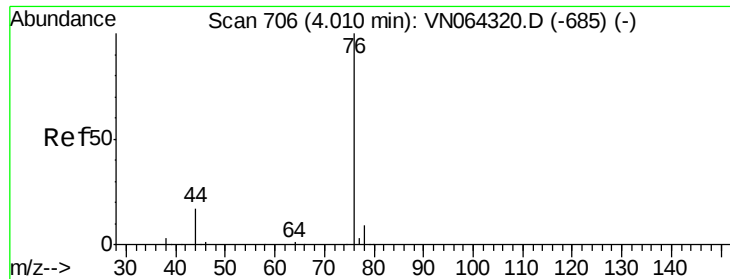
MMDadoda
 10/29/2020 9:49:45 AM



#16
 Acetone
 Concen: 91.148 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.1	33.1





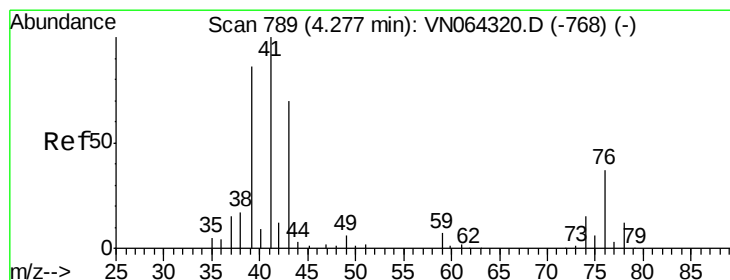
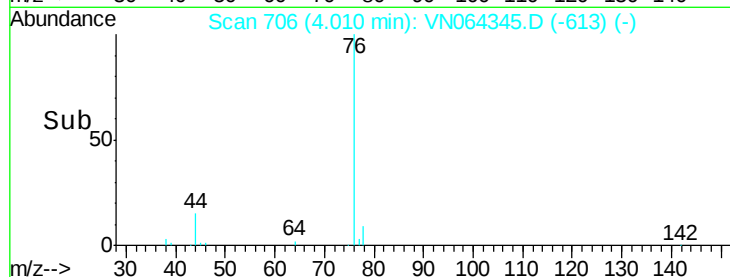
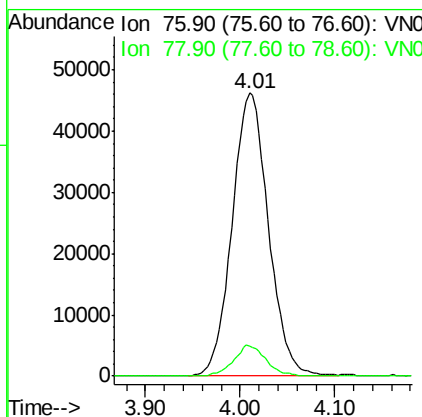
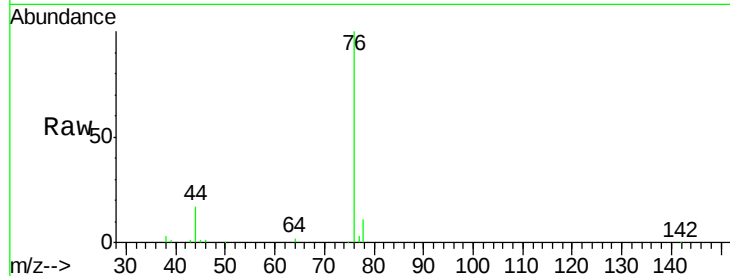
#17
Carbon Disulfide
Concen: 18.548 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.3	10.9

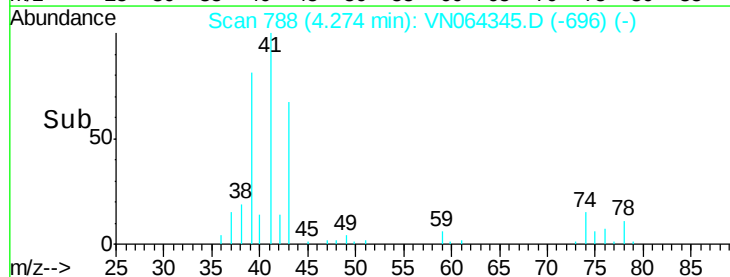
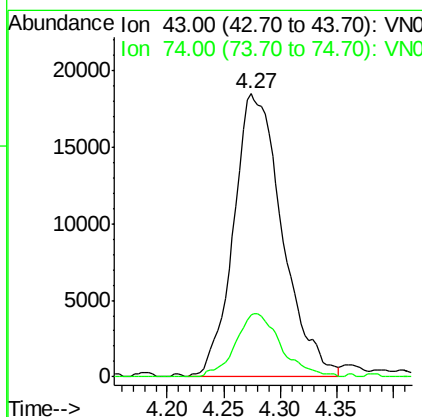
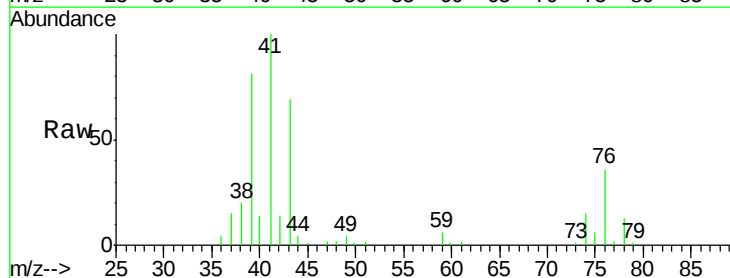
Manual Integrations
APPROVED

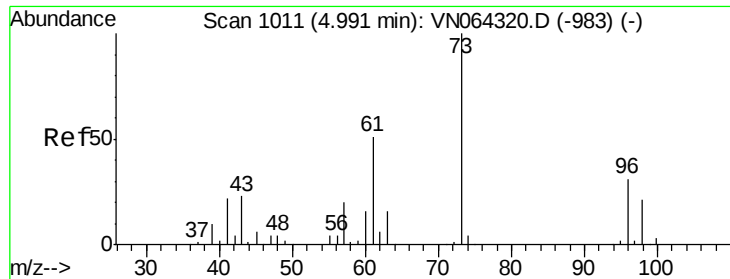
MMDadoda
10/29/2020 9:49:45 AM



#18
Methyl Acetate
Concen: 19.503 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1





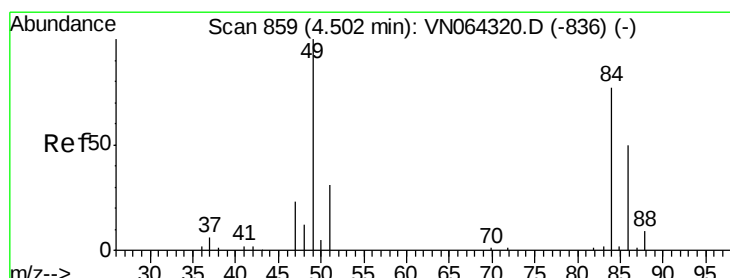
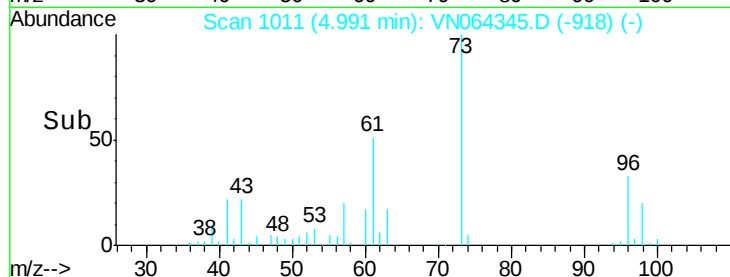
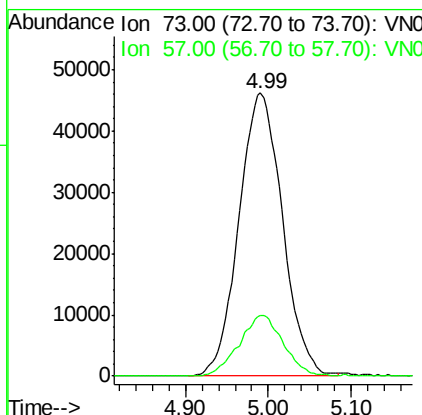
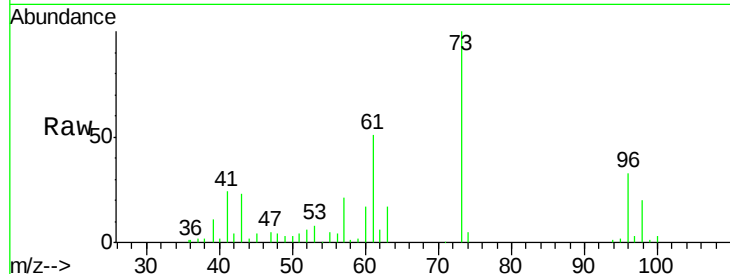
#19
Methvl tert-butvl Ether
Concen: 19.563 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion: 73 Resp: 168972
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1

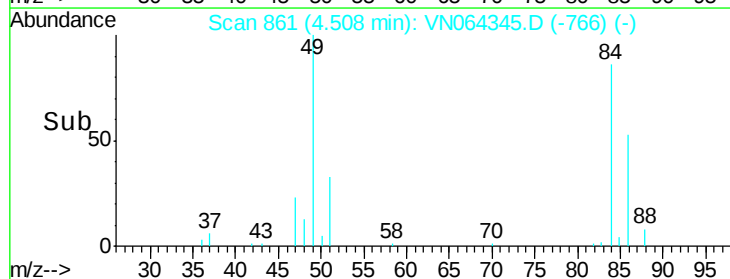
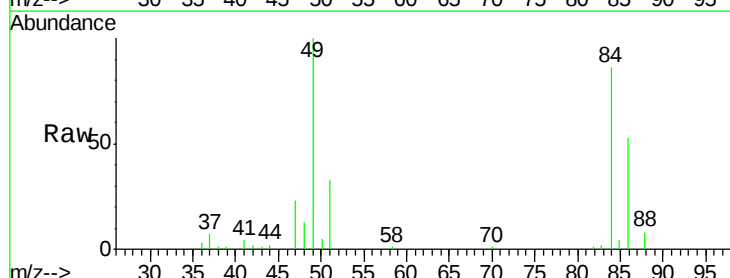
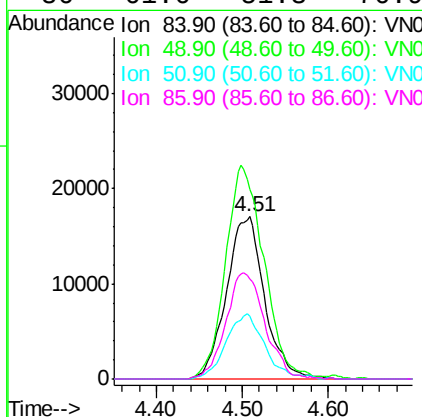
Manual Integrations
APPROVED

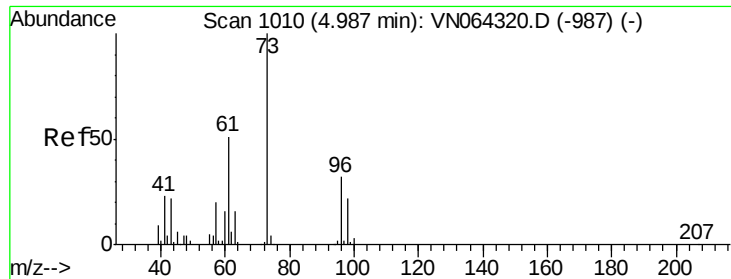
MMDadoda
10/29/2020 9:49:45 AM



#20
Methylene Chloride
Concen: 19.618 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 84 Resp: 52609
Ion Ratio Lower Upper
84 100
49 117.0 103.6 155.4
51 38.5 31.8 47.8
86 61.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.902 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tot Ion: 96 Resp: 49909

Ion Ratio Lower Upper

96 100

61 148.0 128.2 192.2

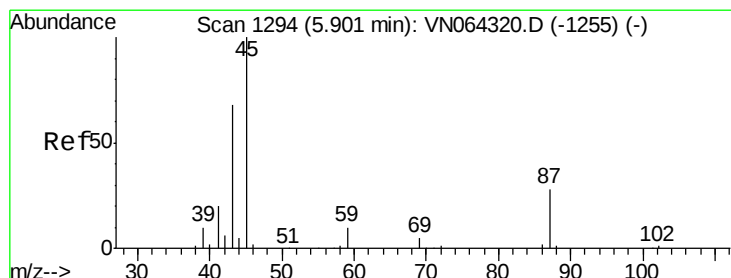
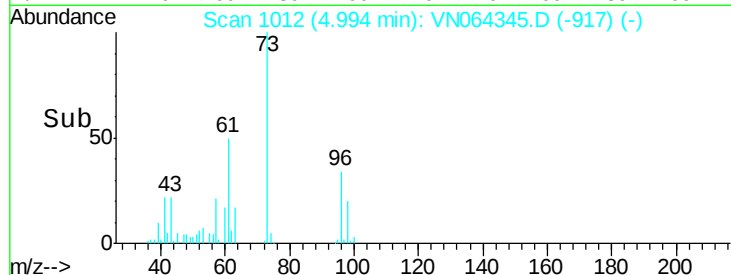
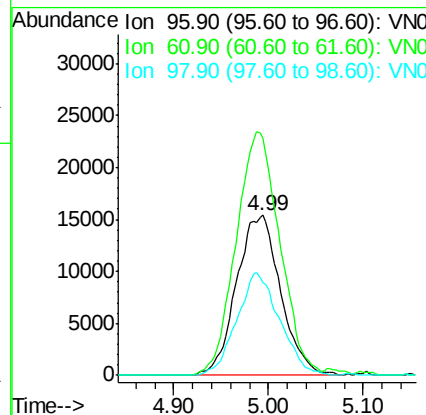
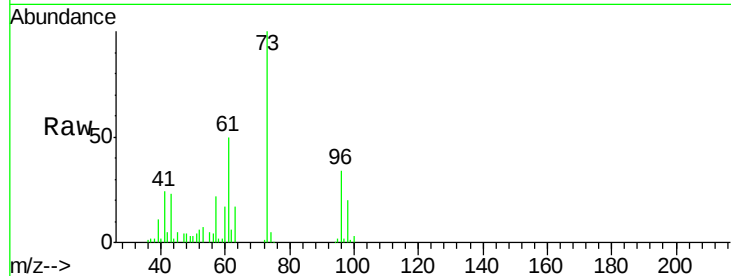
98 57.5 56.1 84.1

Manual Integrations

APPROVED

MMDadoda

10/29/2020 9:49:45 AM



#22

Diisopropyl ether

Concen: 19.897 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion: 45 Resp: 178516

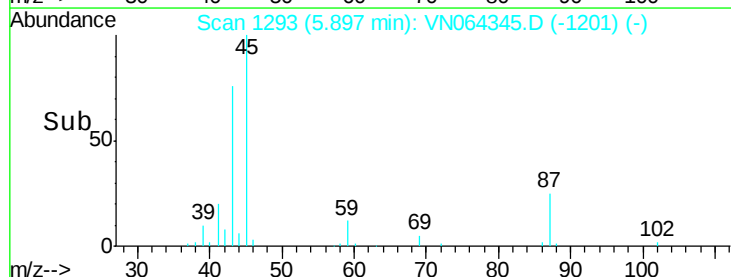
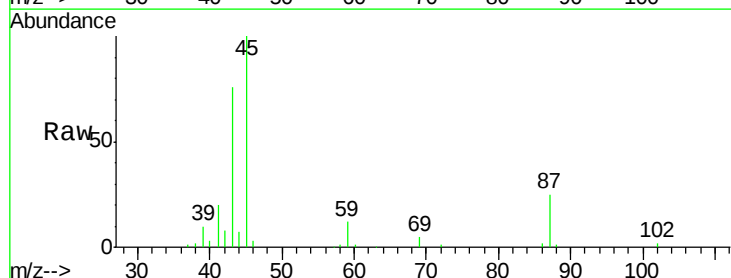
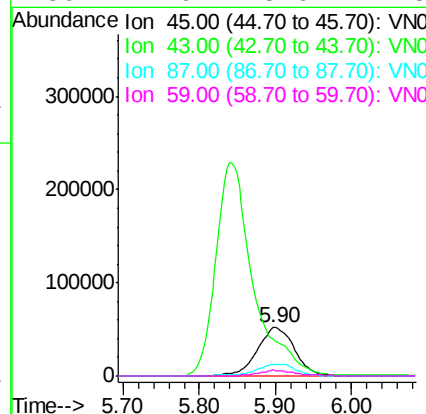
Ion Ratio Lower Upper

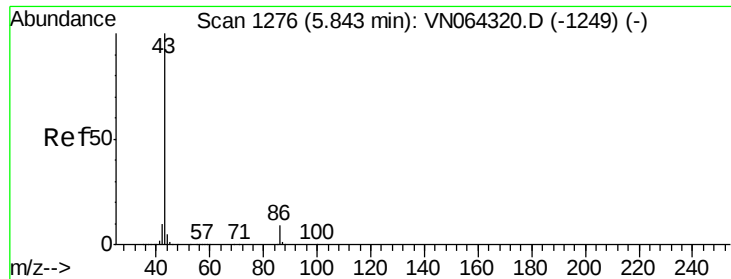
45 100

43 73.0 54.6 82.0

87 25.2 22.6 33.8

59 11.9 8.6 12.8





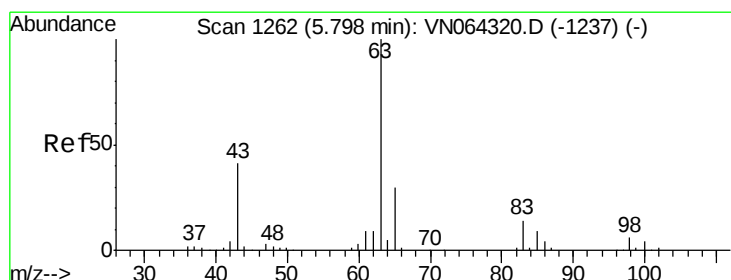
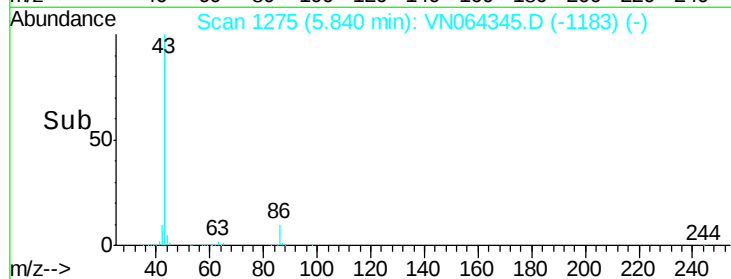
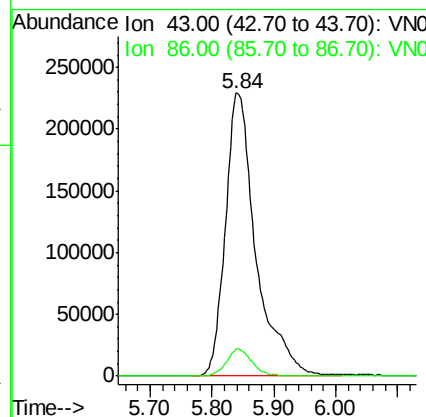
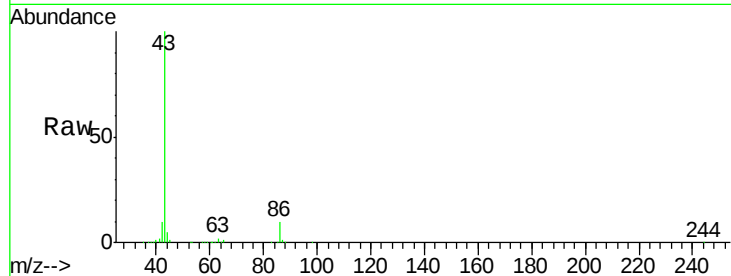
#23
 Vinyl Acetate
 Concen: 103.630 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1028WBS01

Tot Ion	43	Resp	786615
Ion Ratio	100	Lower	Upper
43	100		
86	9.5	7.3	10.9

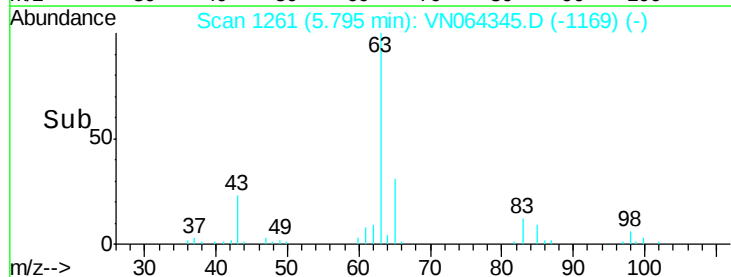
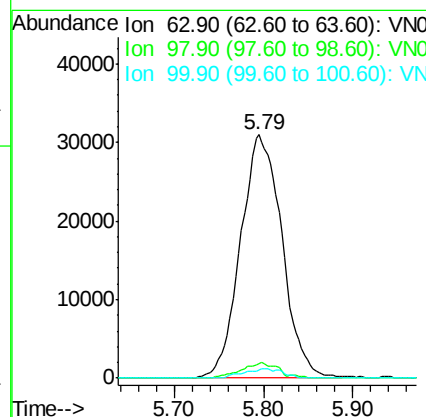
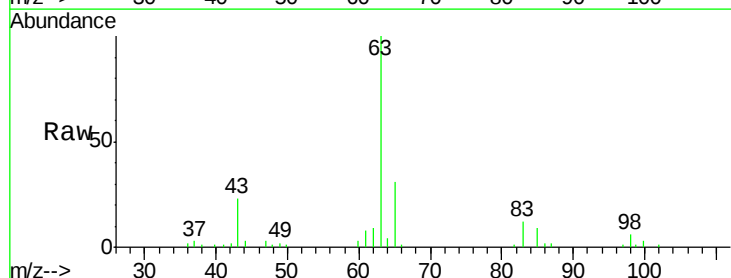
Manual Integrations
 APPROVED

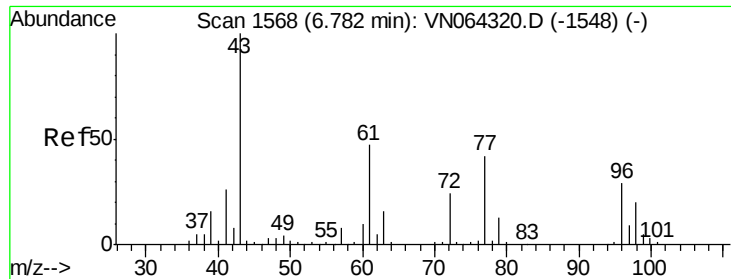
MMDadoda
 10/29/2020 9:49:45 AM



#24
 1,1-Dichloroethane
 Concen: 19.874 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	63	Resp	99775
Ion Ratio	100	Lower	Upper
63	100		
98	5.8	3.1	9.4
100	3.4	2.0	5.8





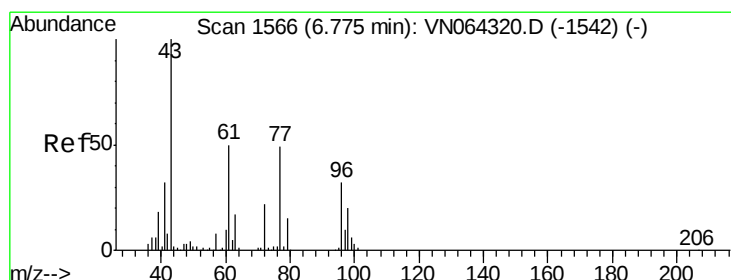
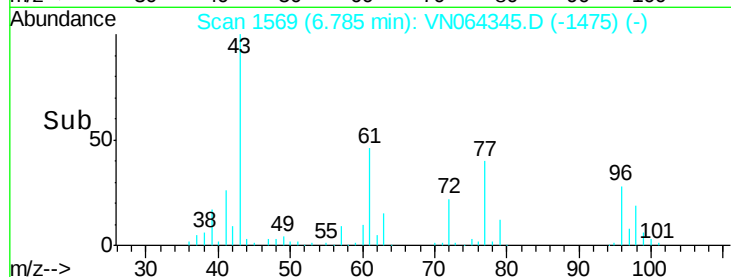
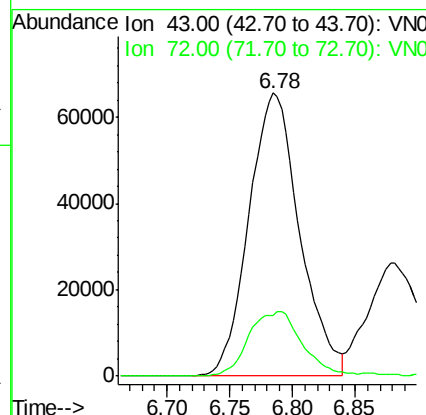
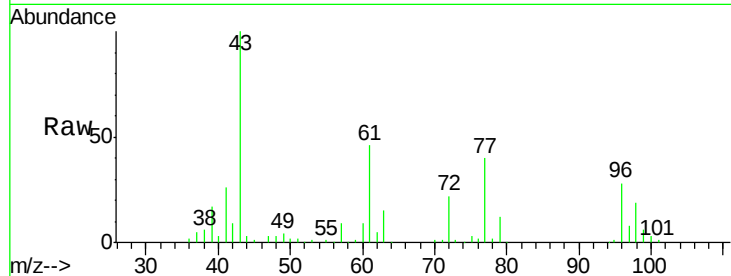
#25
2-Butanone
Concen: 96.565 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion: 43 Resp: 183335
Ion Ratio Lower Upper
43 100
72 21.6 18.8 28.2

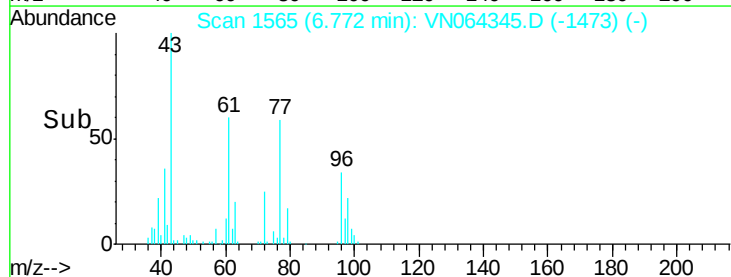
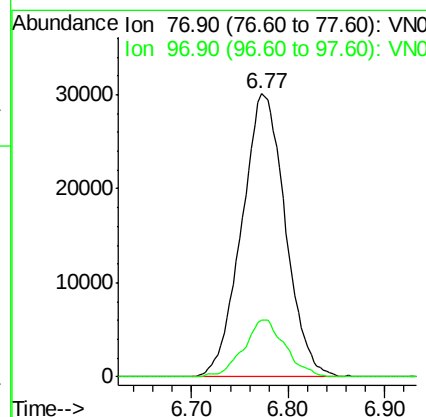
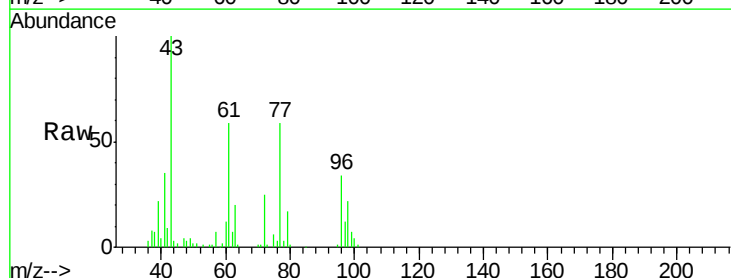
Manual Integrations
APPROVED

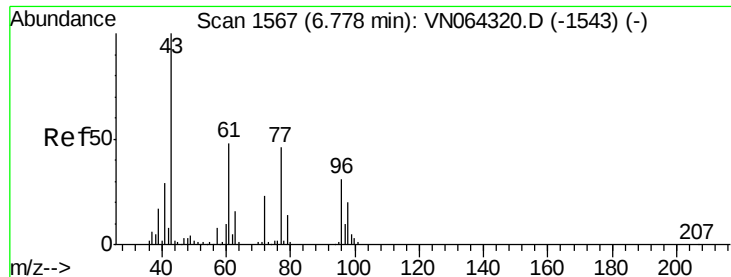
MMDadoda
10/29/2020 9:49:45 AM



#26
2,2-Dichloropropane
Concen: 19.213 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 77 Resp: 94404
Ion Ratio Lower Upper
77 100
97 19.2 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 19.593 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

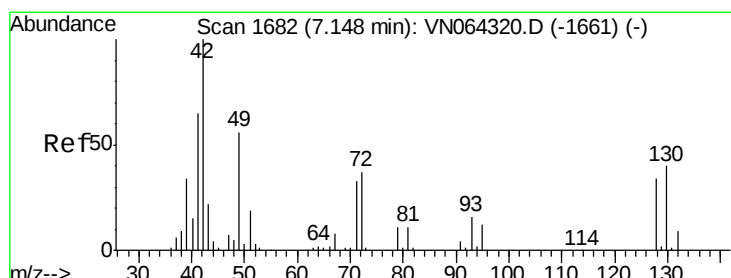
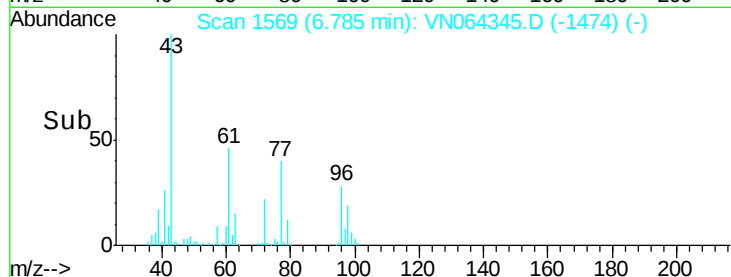
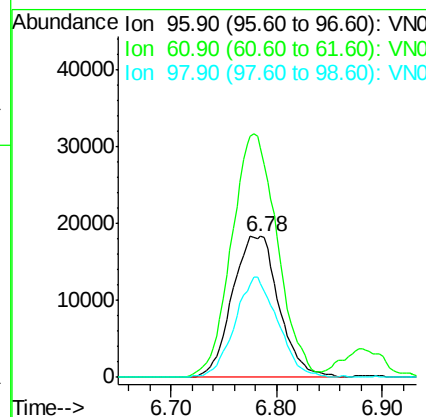
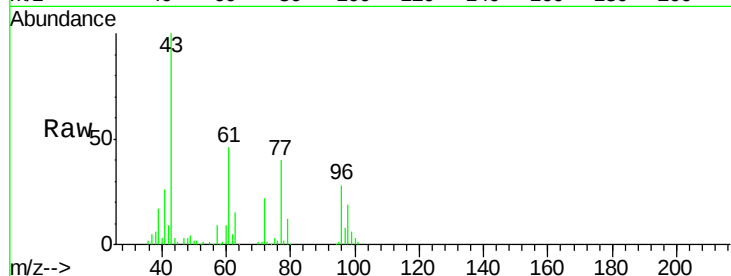
ClientSampleId :

VN1028WBS01

Tot Ion:	96	Resp:	56232
Ion	Ratio	Lower	Upper
96	100		
61	169.4	0.0	325.0
98	65.4	0.0	128.4

Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:49:45 AM



#28

Bromochloromethane

Concen: 19.993 ug/l

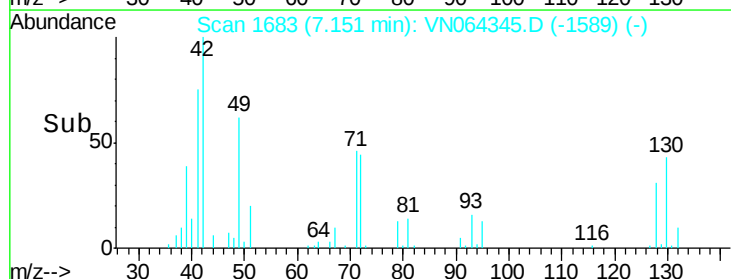
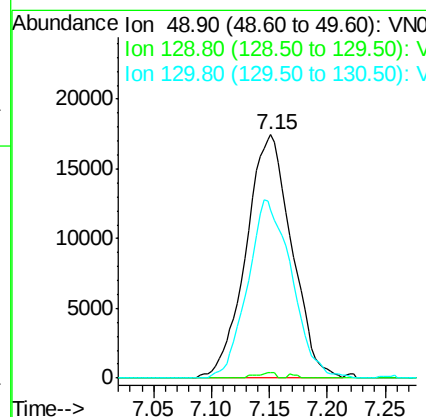
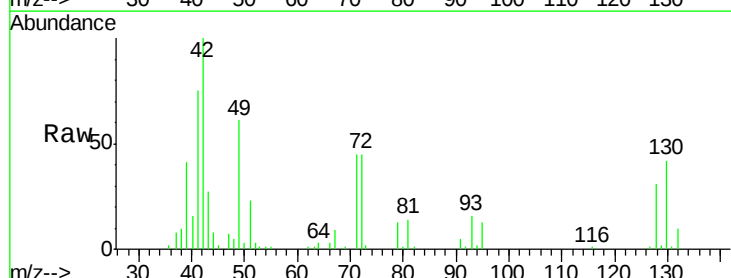
RT: 7.15 min Scan# 1683

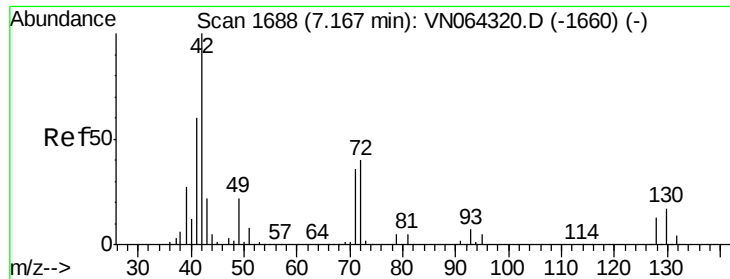
Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion:	49	Resp:	47823
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.8
130	70.6	56.2	84.2





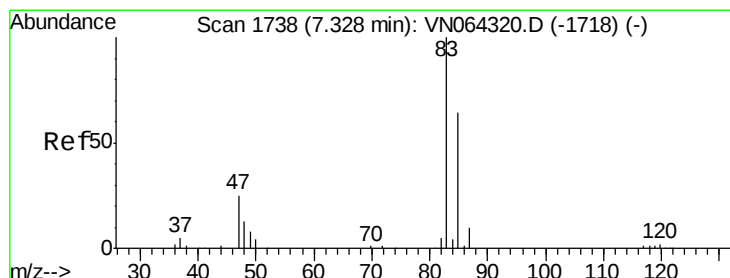
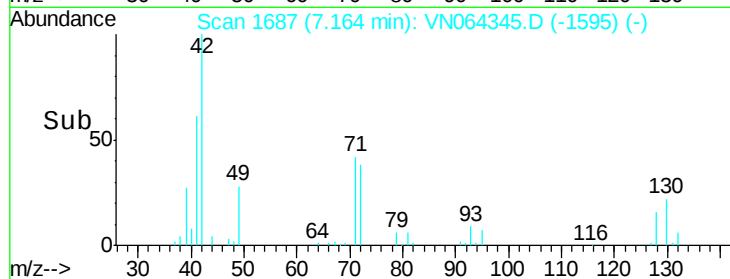
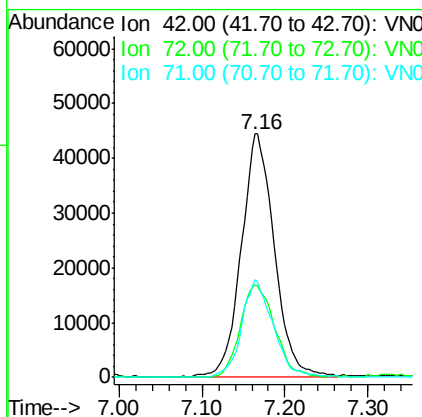
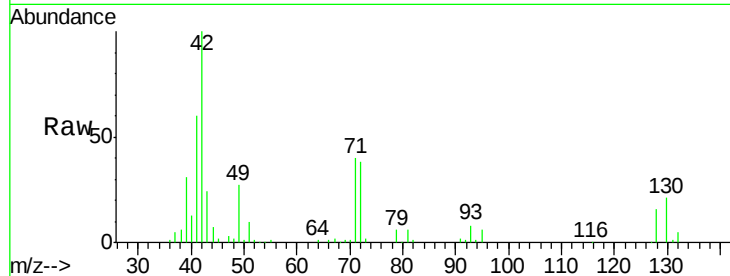
#29
Tetrahydrofuran
Concen: 100.497 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.6	47.4
71	38.0	29.4	44.0

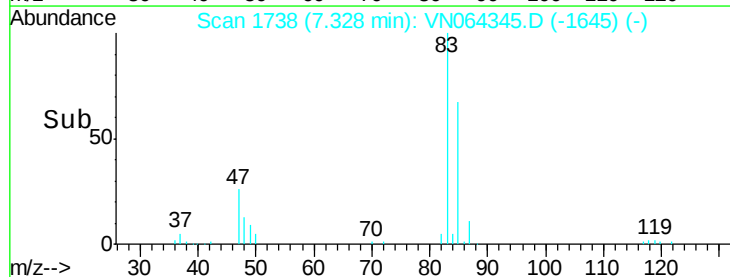
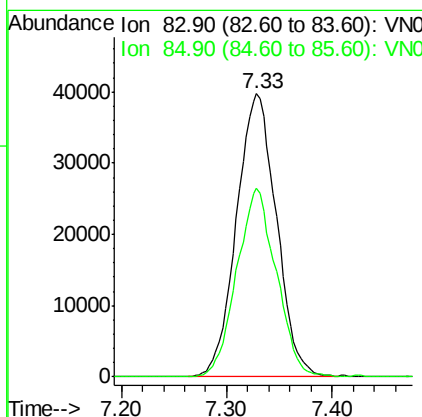
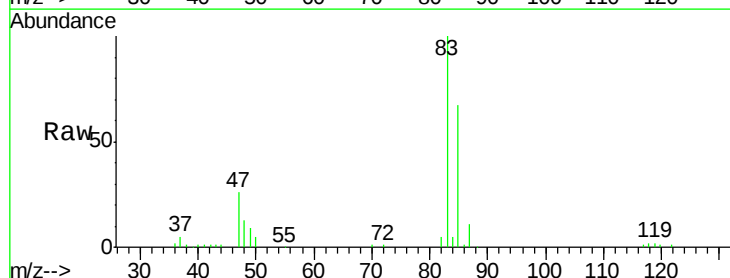
Manual Integrations
APPROVED

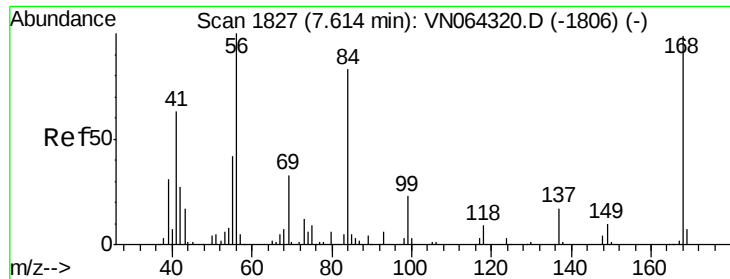
MMDadoda
10/29/2020 9:49:45 AM



#30
Chloroform
Concen: 19.495 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.1	76.7





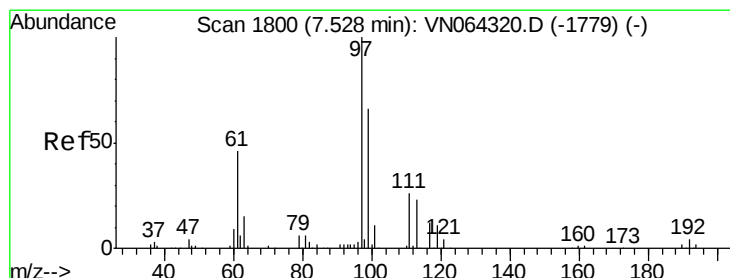
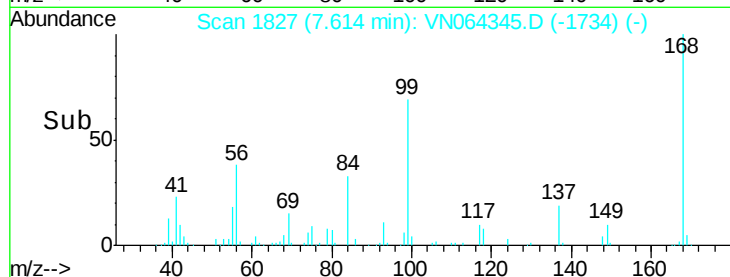
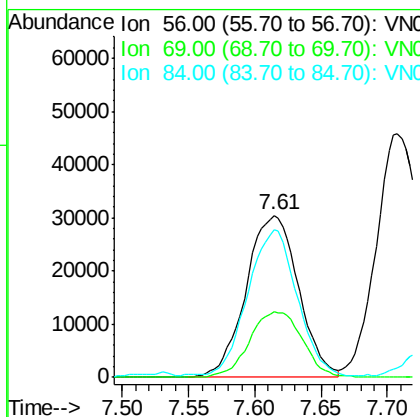
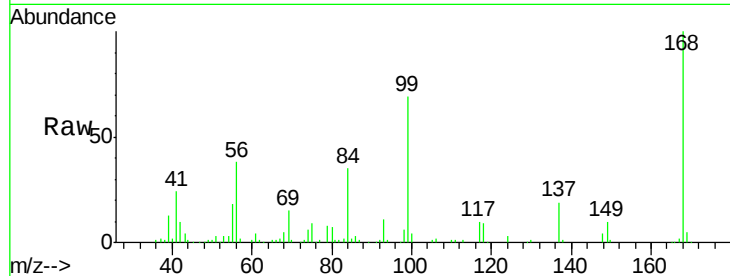
#31
Cyclohexane
Concen: 19.161 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.1	25.8	38.8#
84	89.8	66.3	99.5

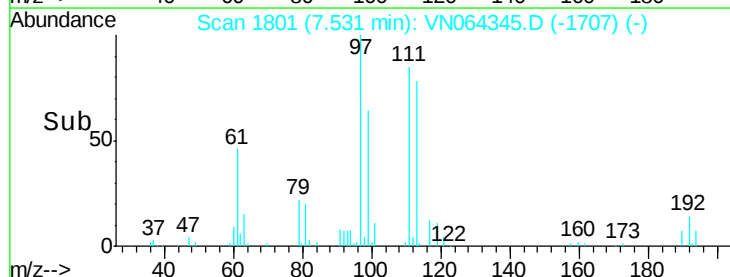
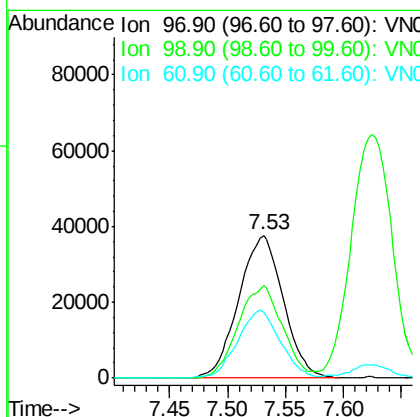
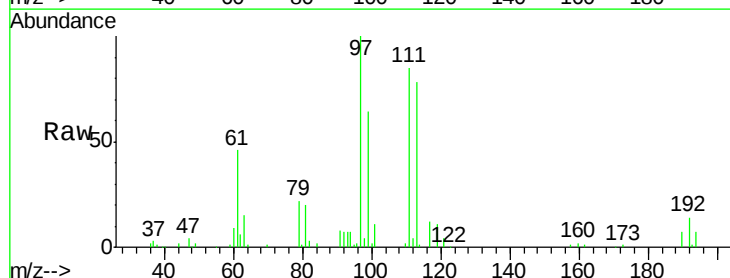
Manual Integrations
APPROVED

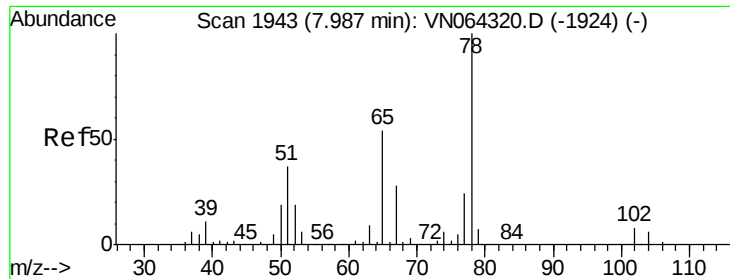
MMDadoda
10/29/2020 9:49:45 AM



#32
1,1,1-Trichloroethane
Concen: 19.559 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.6	76.0
61	45.6	35.8	53.6





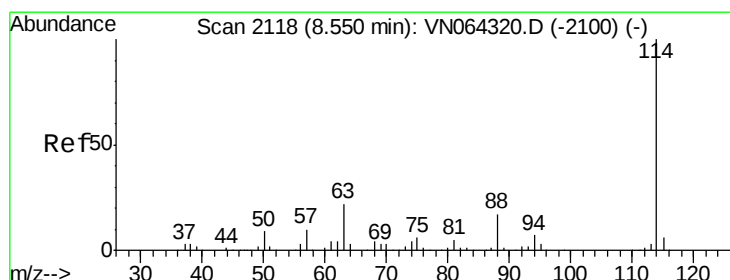
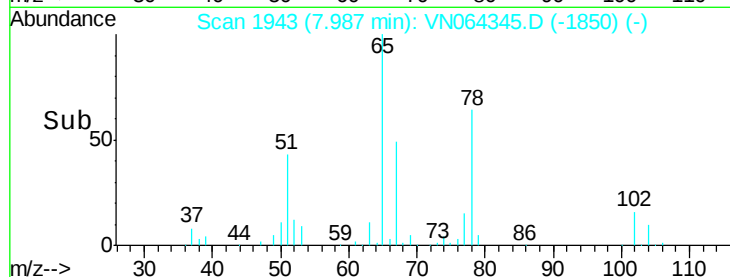
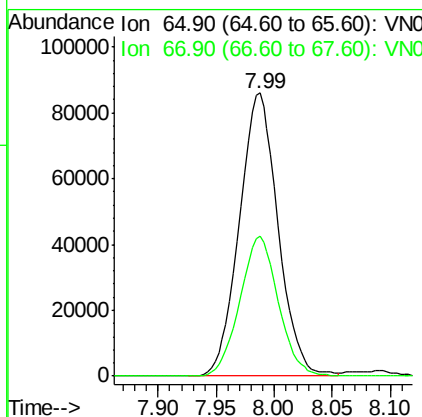
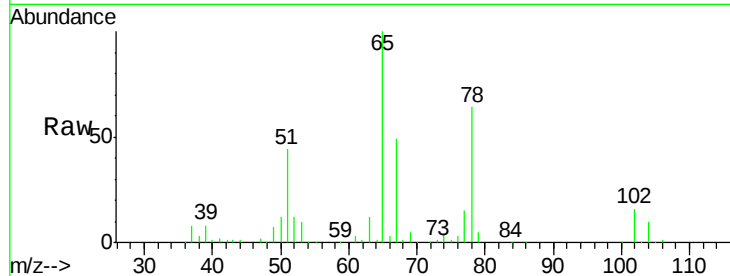
#33
 1,2-Dichloroethane-d4
 Concen: 52.929 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	200138		
67	49.0	0.0	99.2	

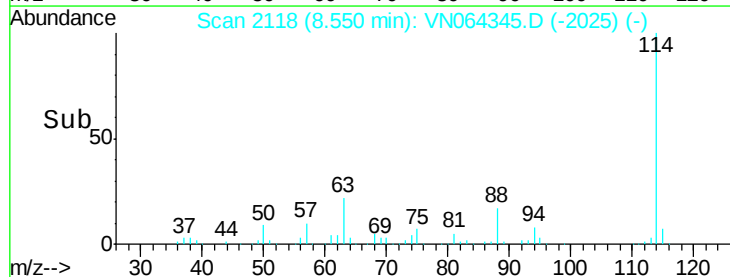
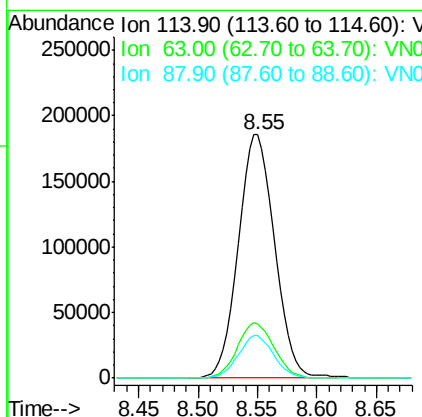
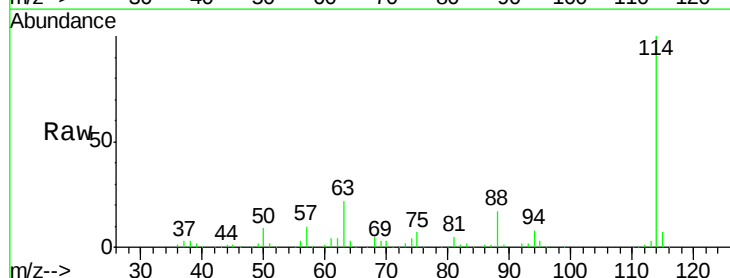
Manual Integrations
 APPROVED

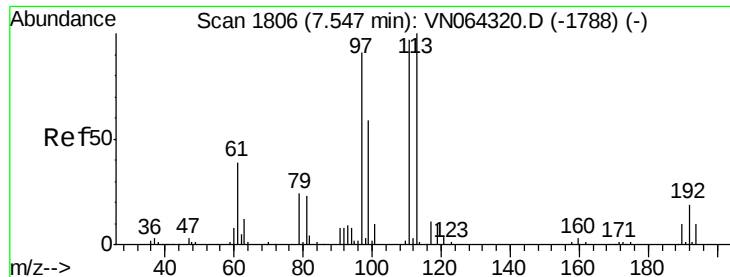
MMDadoda
 10/29/2020 9:49:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	392949		
63	22.3	0.0	44.6	
88	17.4	0.0	33.4	





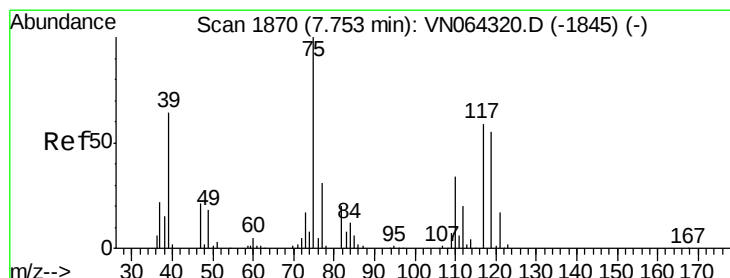
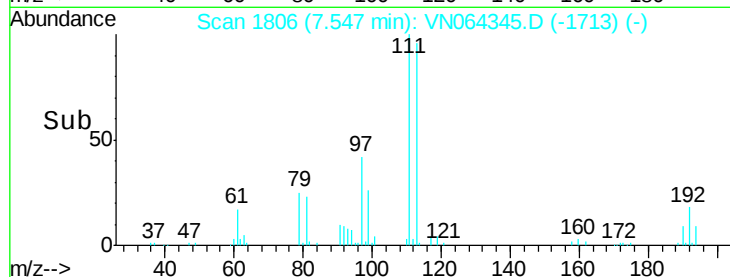
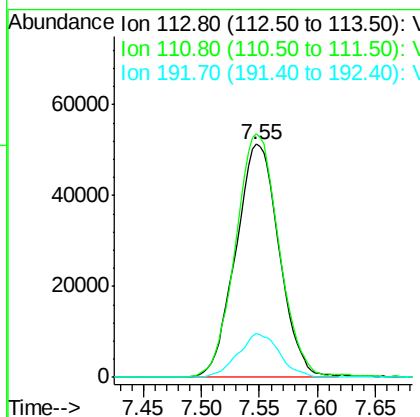
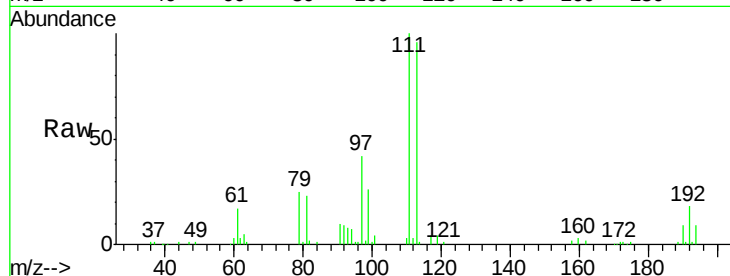
#35
 Dibromofluoromethane
 Concen: 51.025 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.5	122.3
192	18.0	15.0	22.4

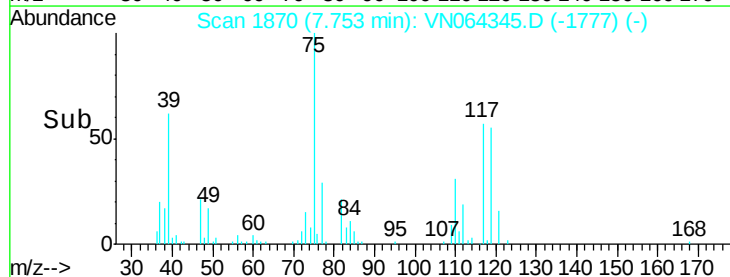
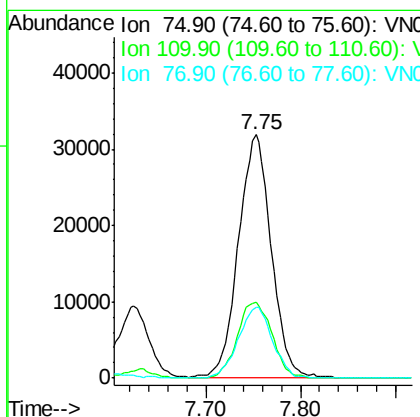
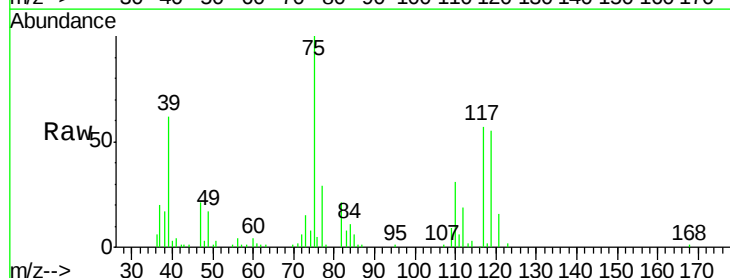
Manual Integrations
 APPROVED

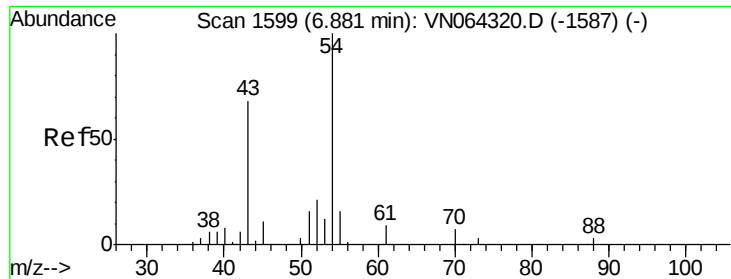
MMDadoda
 10/29/2020 9:49:45 AM



#36
 1,1-Dichloropropene
 Concen: 19.449 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.8	50.3
77	29.9	24.2	36.4





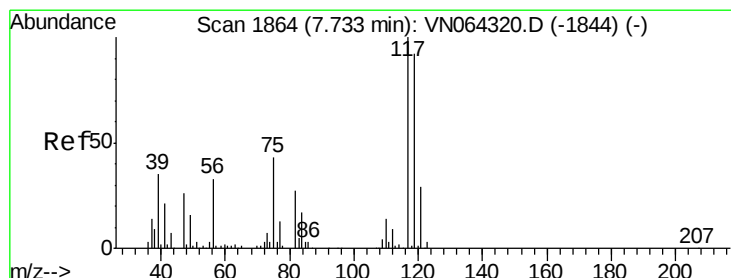
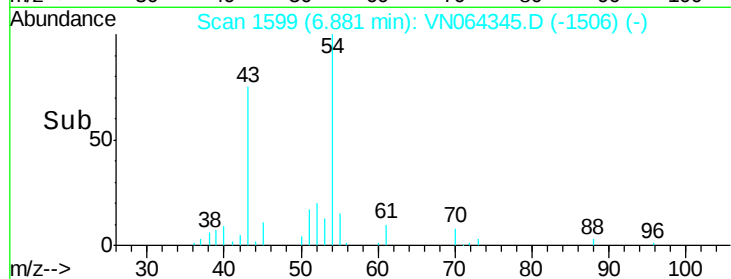
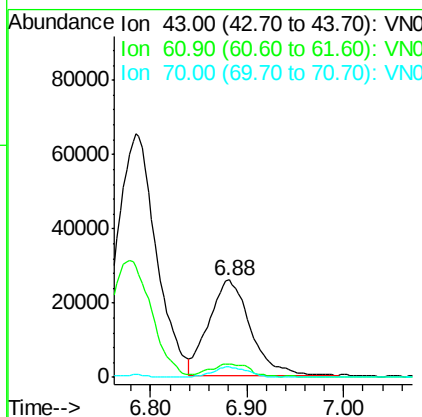
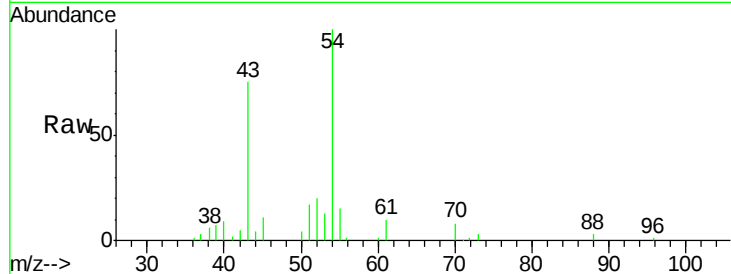
#37
Ethyl Acetate
Concen: 19.316 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.0	15.0
70	9.2	7.1	10.7

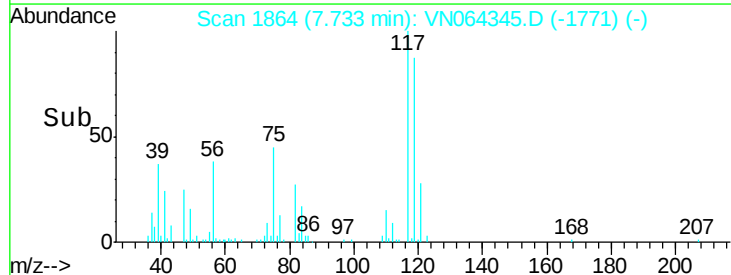
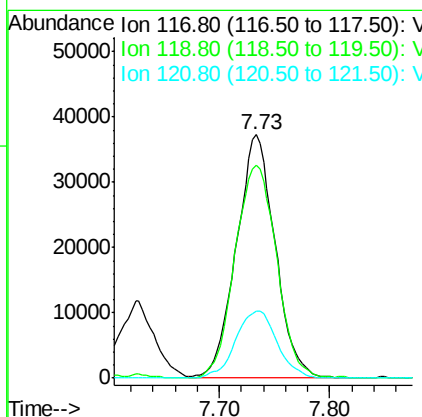
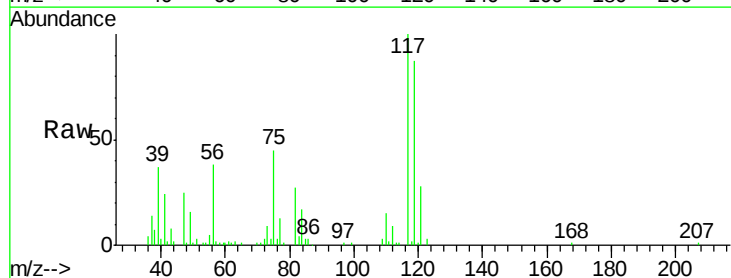
Manual Integrations
APPROVED

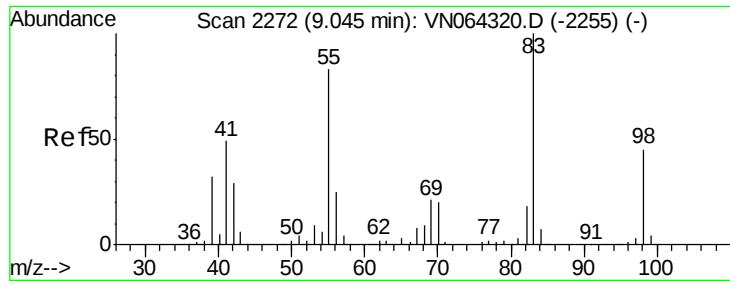
MMDadoda
10/29/2020 9:49:45 AM



#38
Carbon Tetrachloride
Concen: 19.750 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.5	73.7	110.5
121	27.5	22.8	34.2





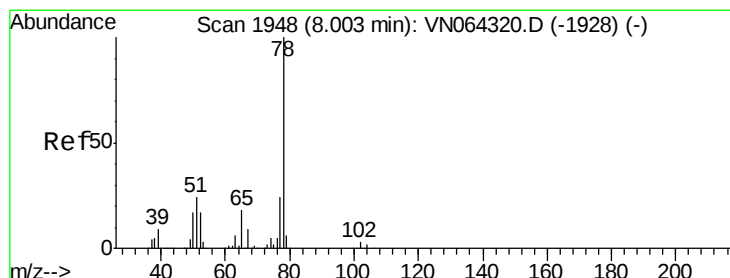
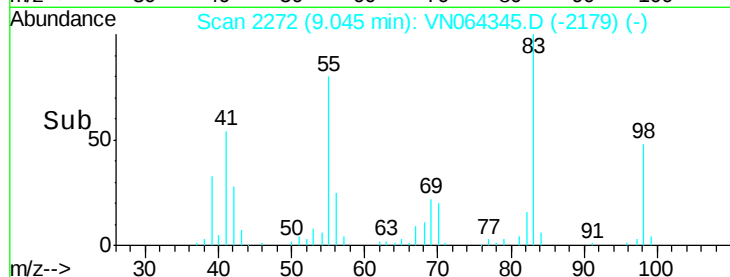
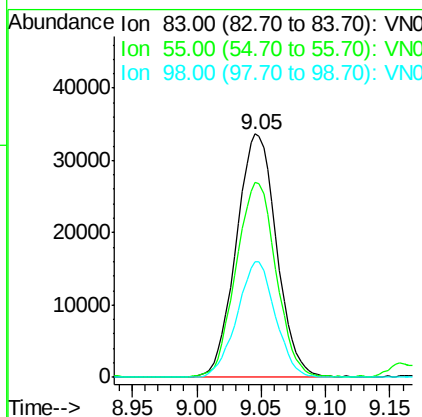
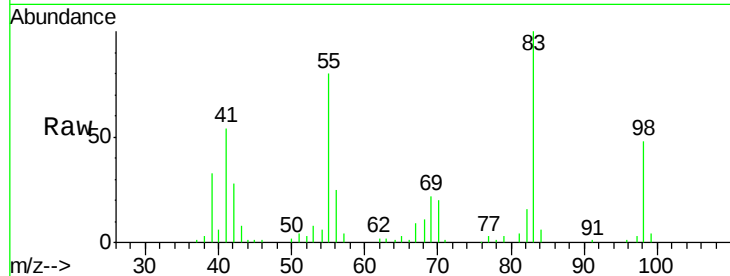
#39
Methvlcvclohexane
Concen: 18.619 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	66.2	99.4
98	47.7	36.0	54.0

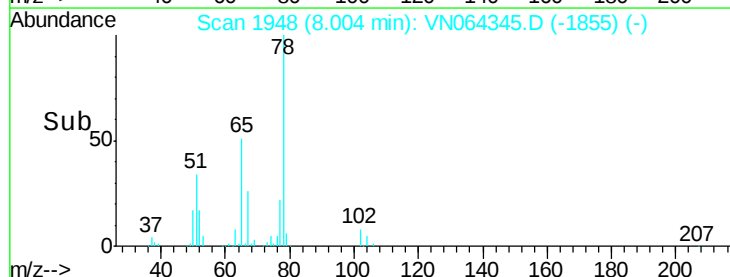
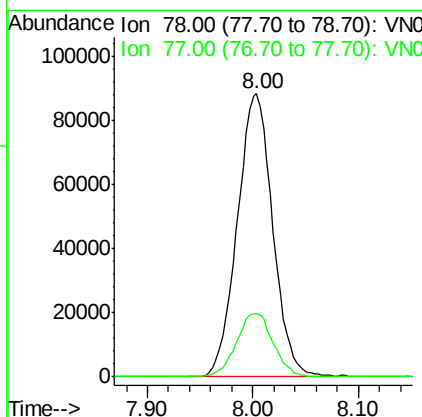
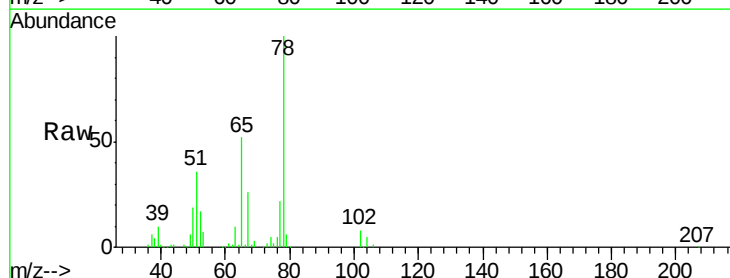
Manual Integrations
APPROVED

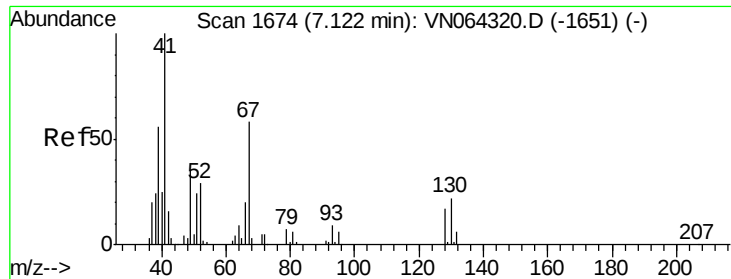
MMDadoda
10/29/2020 9:49:45 AM



#40
Benzene
Concen: 18.688 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2





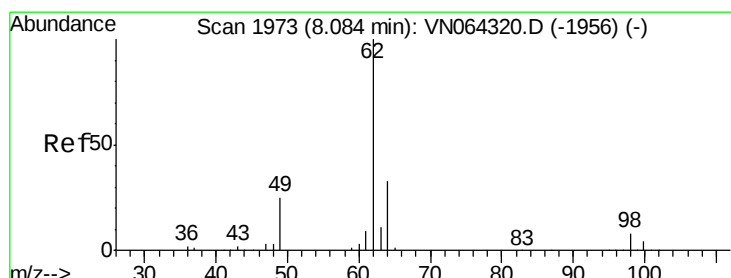
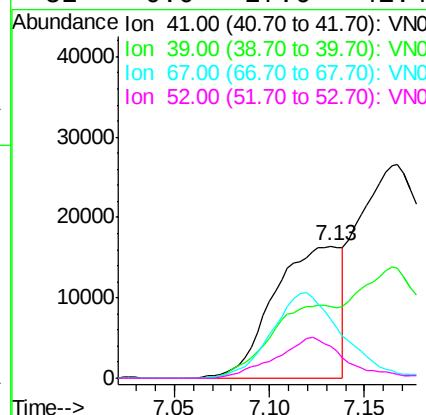
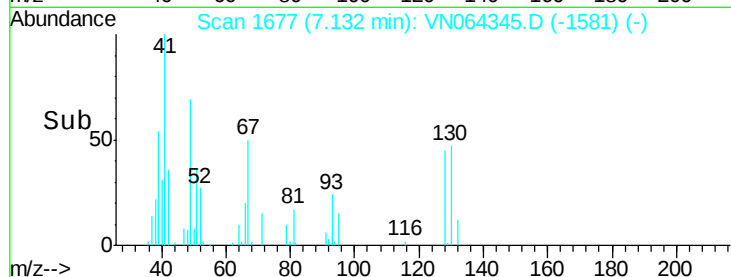
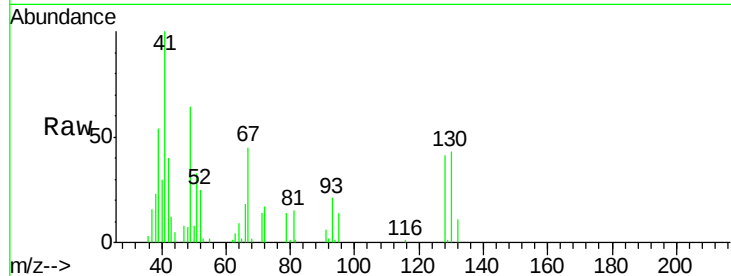
#41
Methacrylonitrile
Concen: 20.578 ug/l m
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		40919		
39	0.0	48.6	72.8#		
67	0.0	61.4	92.2#		
52	0.0	27.6	41.4#		

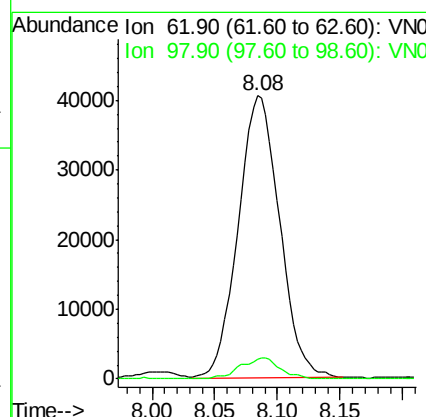
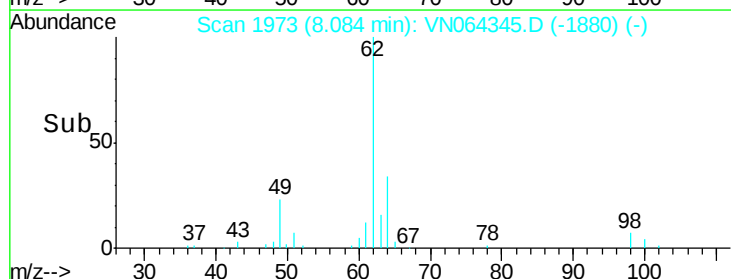
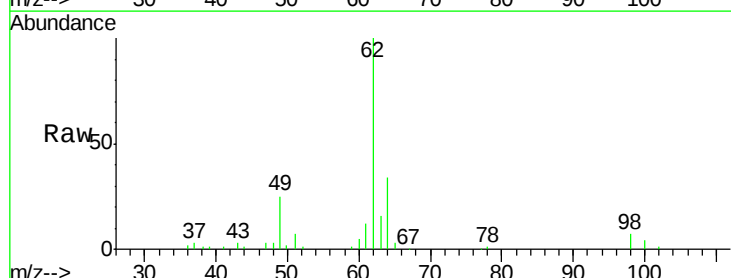
Manual Integrations
APPROVED

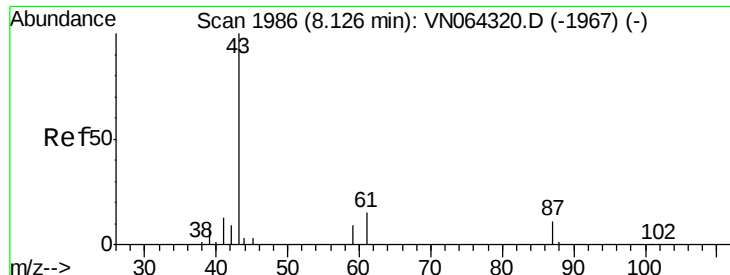
MMDadoda
10/29/2020 9:49:45 AM



#42
1,2-Dichloroethane
Concen: 19.480 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		92888		
98	7.2	0.0	14.2		





#43

Isopropyl Acetate

Concen: 19.168 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

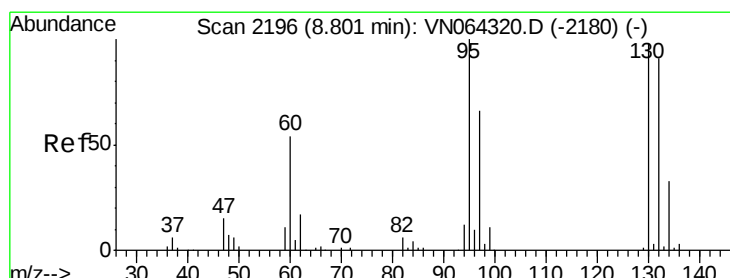
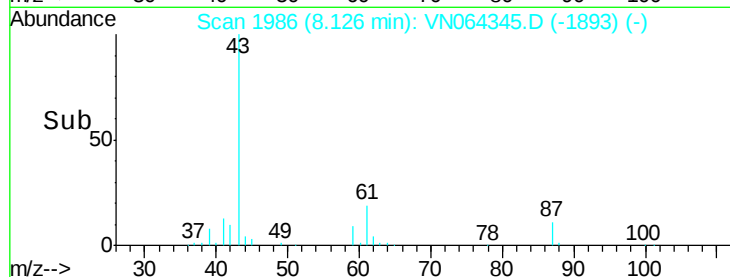
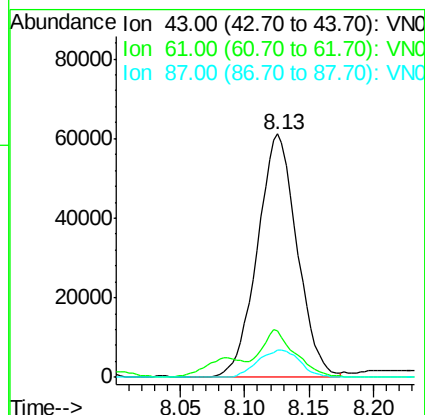
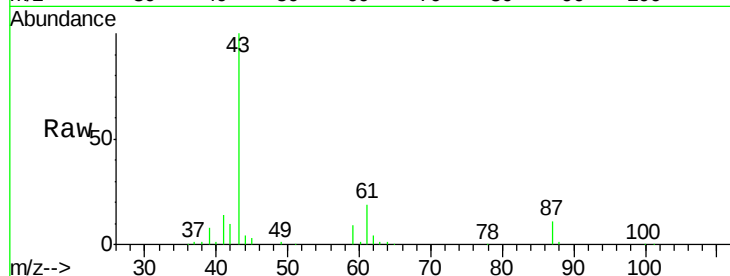
ClientSampleId :

VN1028WBS01

Tot Ion:	43	Resp:	131253
Ion	Ratio	Lower	Upper
43	100		
61	16.8	19.1	28.7#
87	12.0	9.3	13.9

Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:49:45 AM



#44

Trichloroethene

Concen: 19.772 ug/l

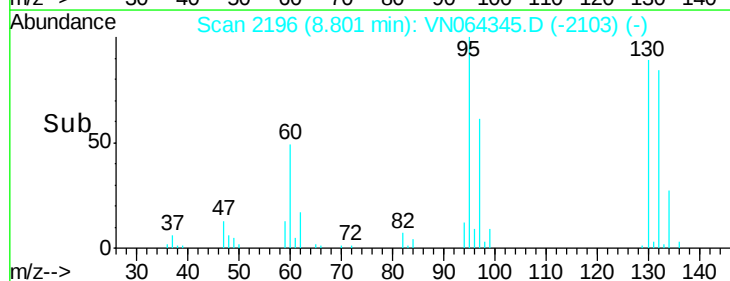
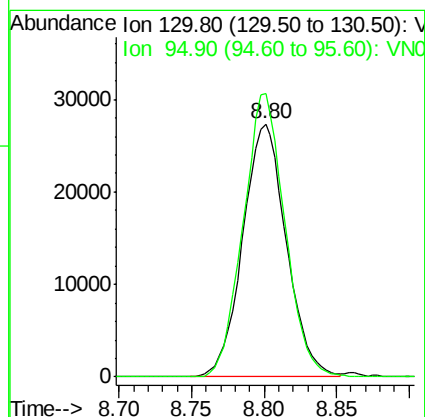
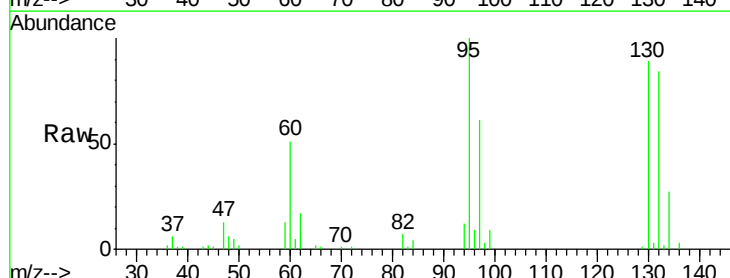
RT: 8.80 min Scan# 2196

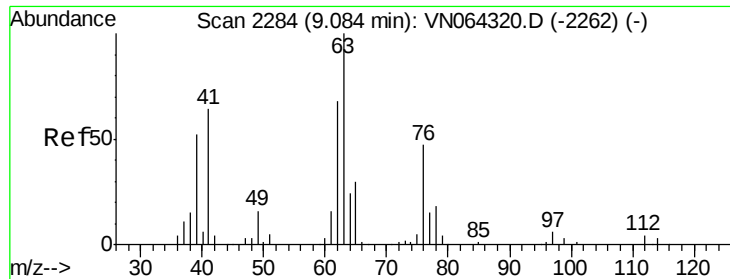
Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion:	130	Resp:	57176
Ion	Ratio	Lower	Upper
130	100		
95	111.9	0.0	203.6





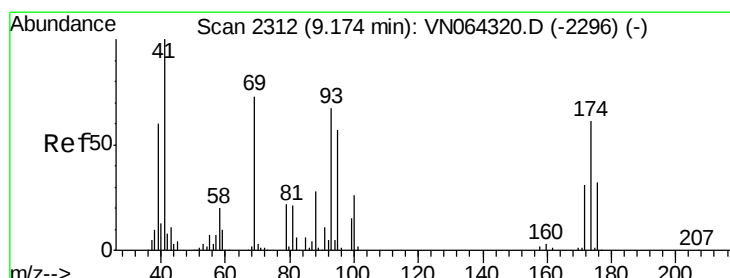
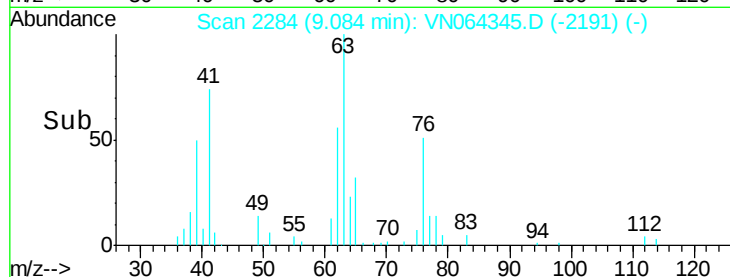
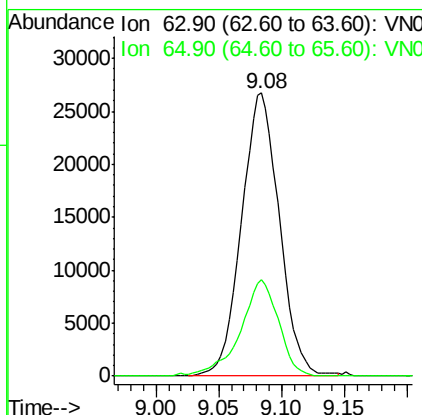
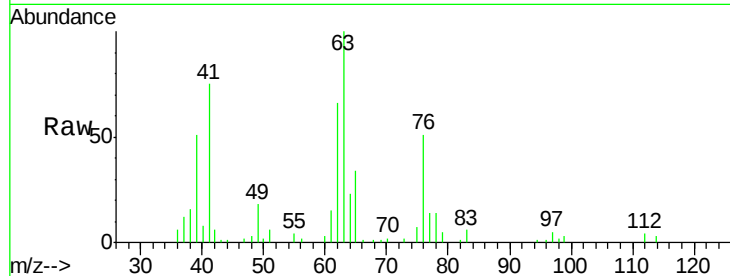
#45
 1,2-Dichloropropane
 Concen: 19.002 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion: 63 Resp: 56170
 Ion Ratio Lower Upper
 63 100
 65 33.9 24.3 36.5

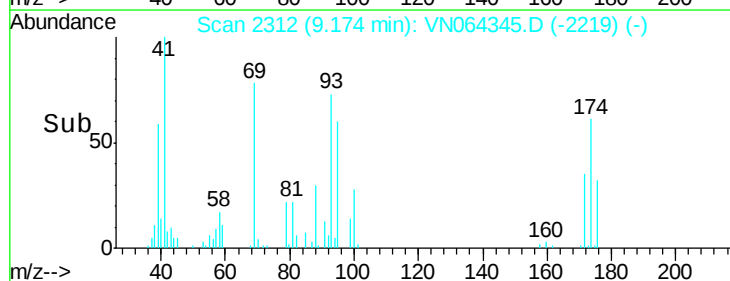
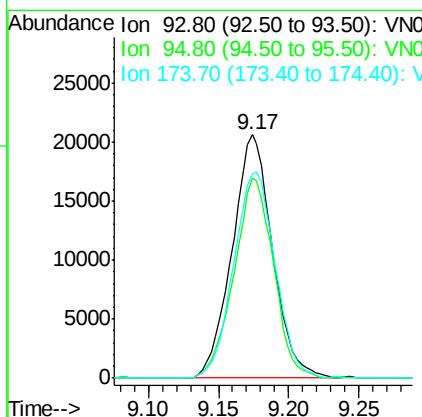
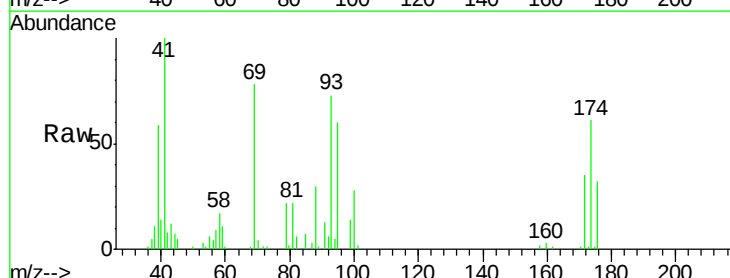
Manual Integrations
 APPROVED

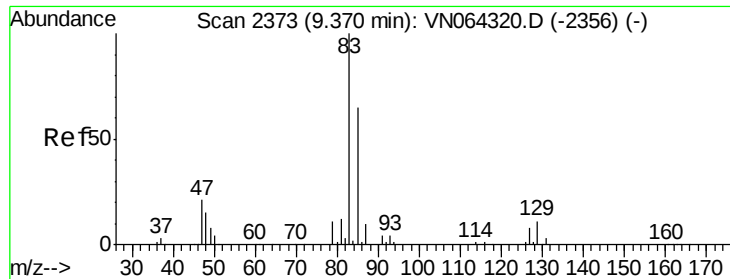
MMDadoda
 10/29/2020 9:49:45 AM



#46
 Dibromomethane
 Concen: 19.986 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion: 93 Resp: 41330
 Ion Ratio Lower Upper
 93 100
 95 80.2 64.4 96.6
 174 86.9 71.4 107.0





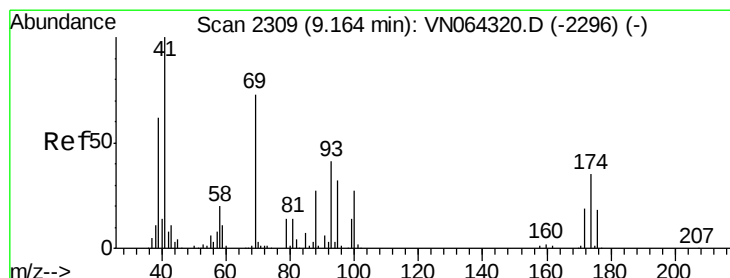
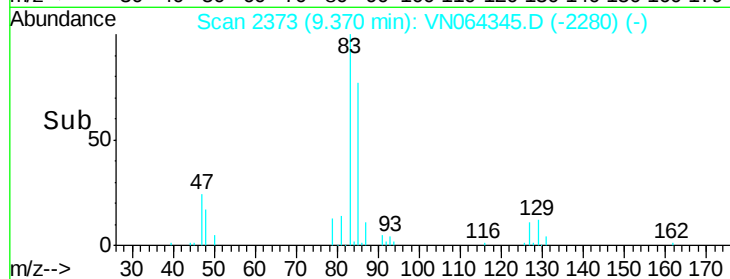
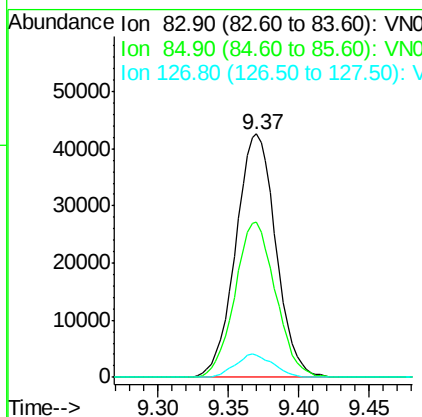
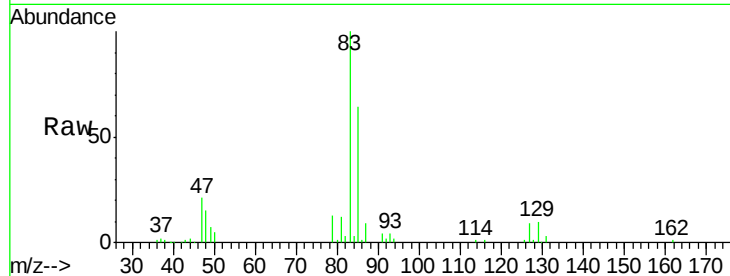
#47
Bromodichloromethane
Concen: 18.480 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.1	78.1
127	9.2	6.7	10.1

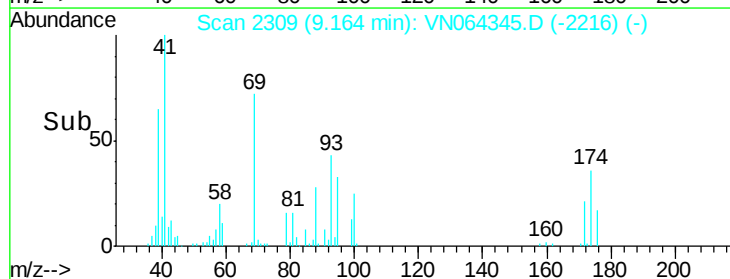
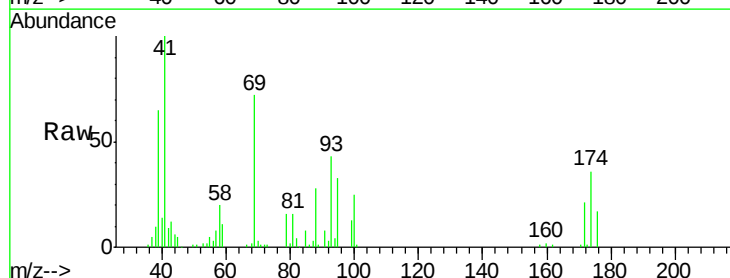
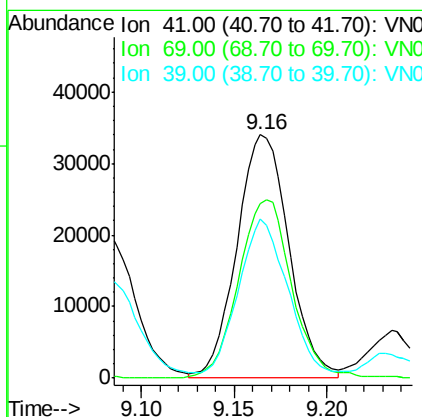
Manual Integrations
APPROVED

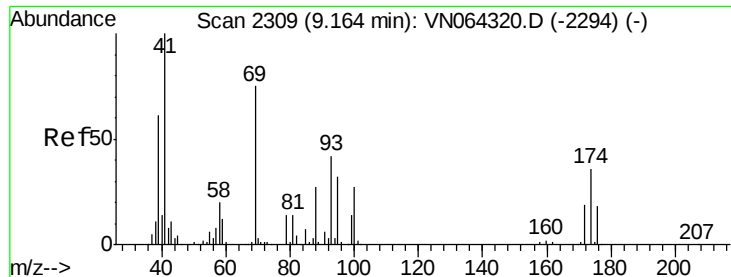
MMDadoda
10/29/2020 9:49:45 AM



#48
Methyl methacrylate
Concen: 18.624 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.4	59.1	88.7
39	62.4	51.3	76.9





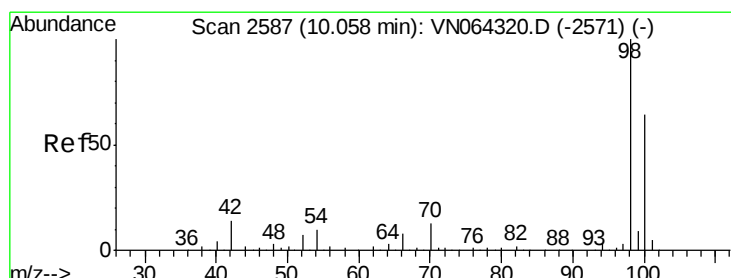
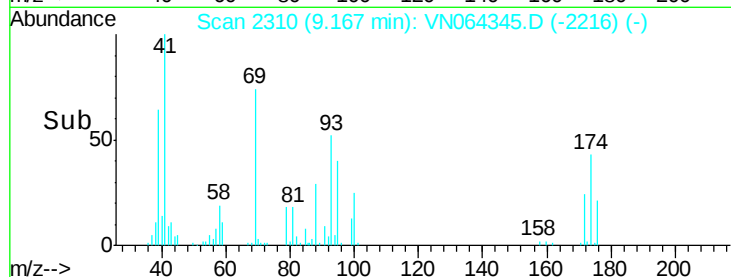
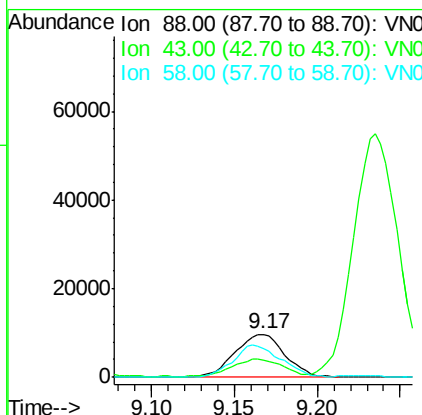
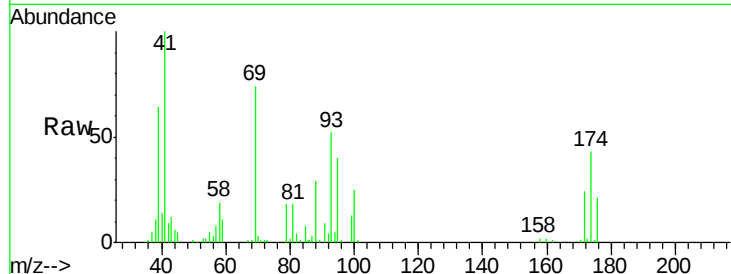
#49
1,4-Dioxane
Concen: 390.604 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	31.8	47.8
58	71.5	60.3	90.5

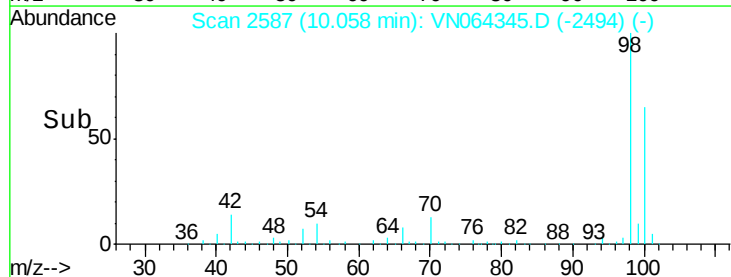
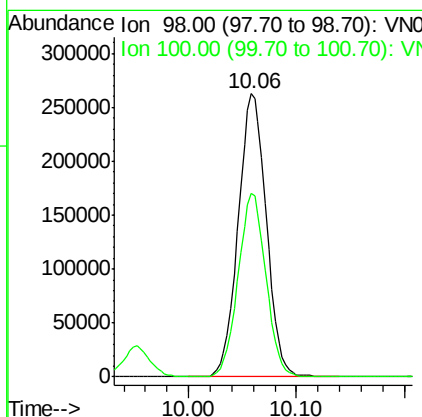
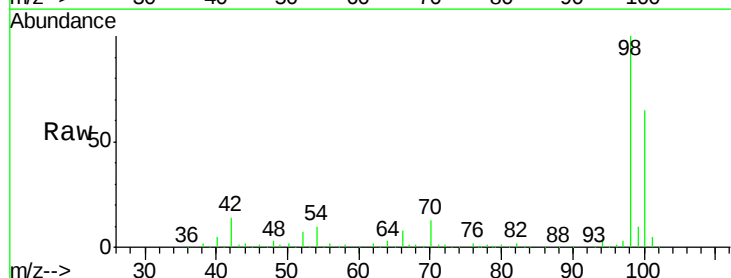
Manual Integrations
APPROVED

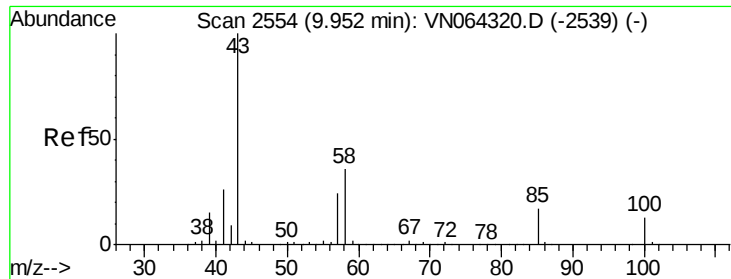
MMDadoda
10/29/2020 9:49:45 AM



#50
Toluene-d8
Concen: 49.272 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 98.106 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tot Ion: 43 Resp: 390502

Ion Ratio Lower Upper

43 100

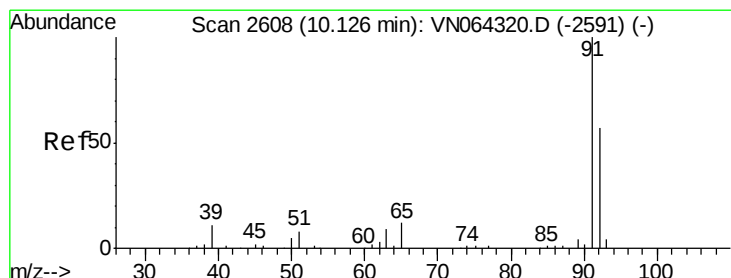
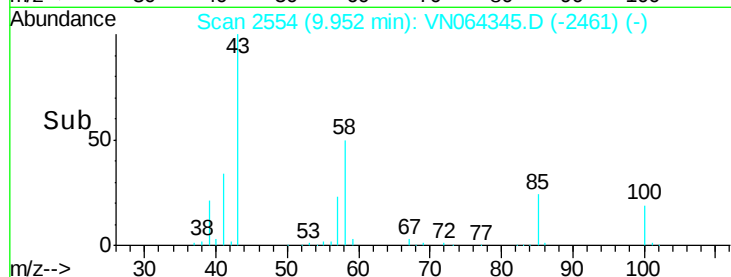
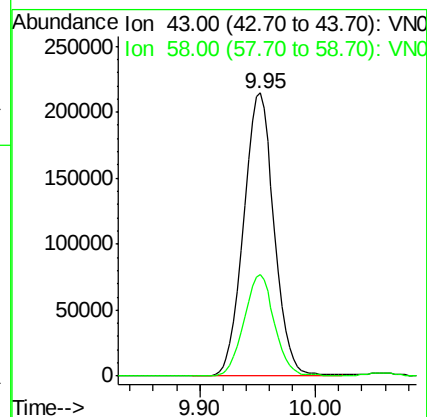
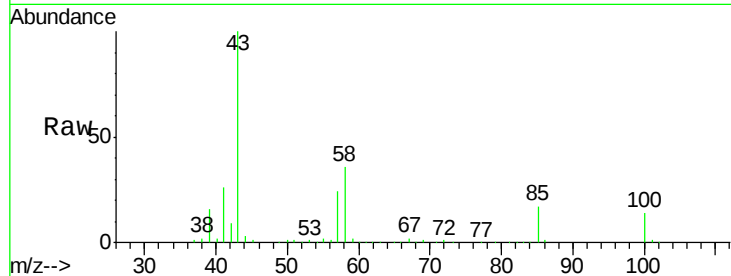
58 35.8 28.6 42.8

Manual Integrations

APPROVED

MMDadoda

10/29/2020 9:49:45 AM



#52

Toluene

Concen: 18.873 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064345.D

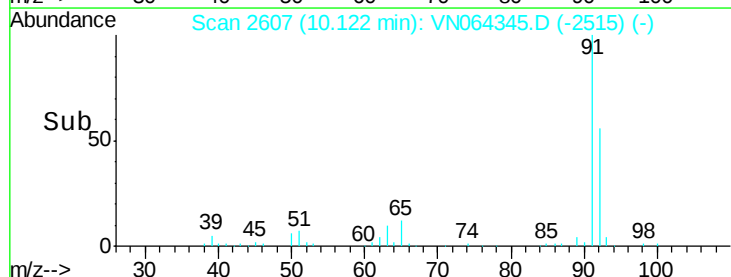
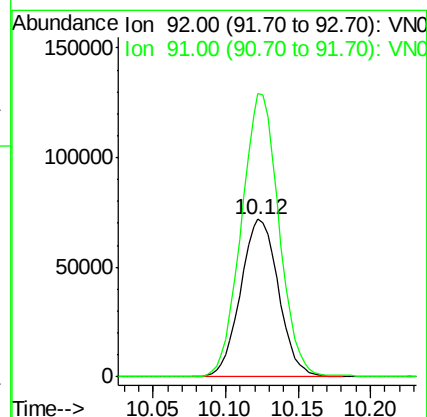
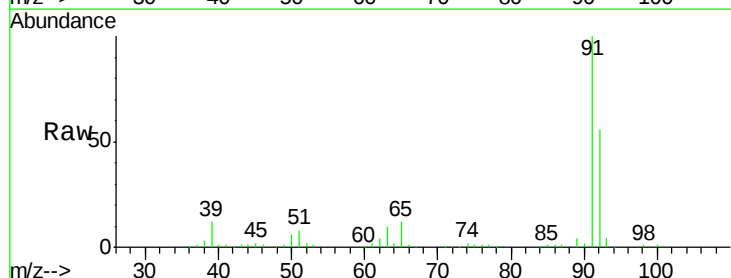
Acq: 28 Oct 2020 12:18

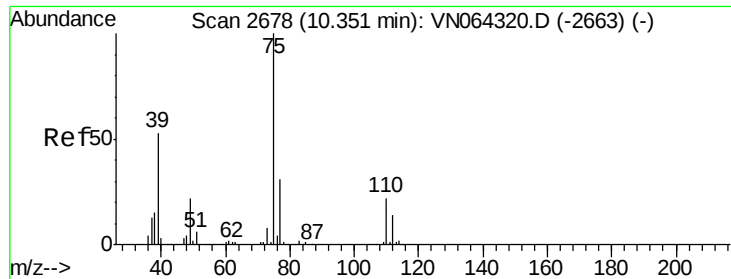
Tgt Ion: 92 Resp: 131463

Ion Ratio Lower Upper

92 100

91 177.1 139.9 209.9





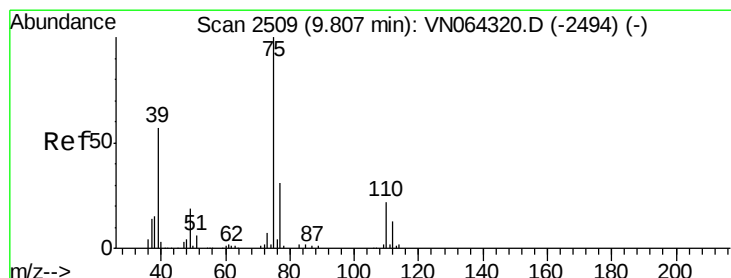
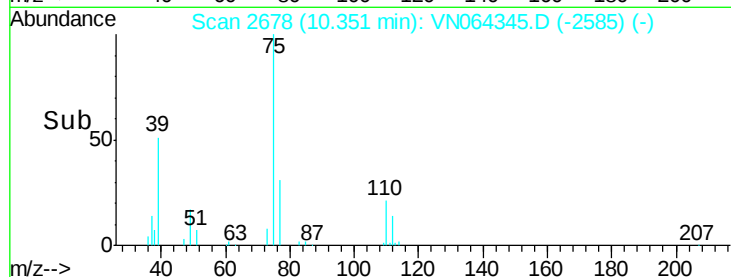
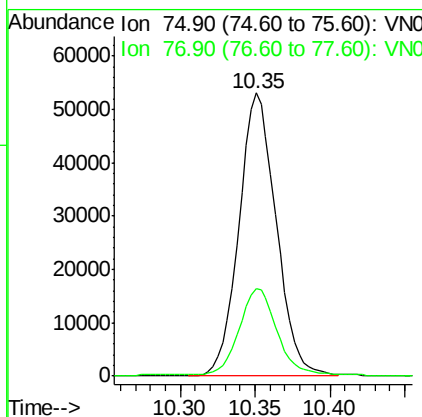
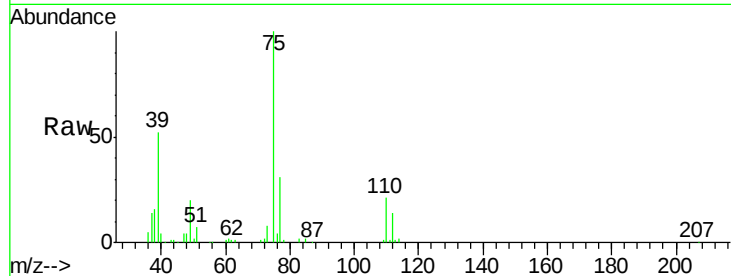
#53
t-1,3-Dichloropropene
Concen: 19.004 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion: 75 Resp: 92090
Ion Ratio Lower Upper
75 100
77 30.3 24.8 37.2

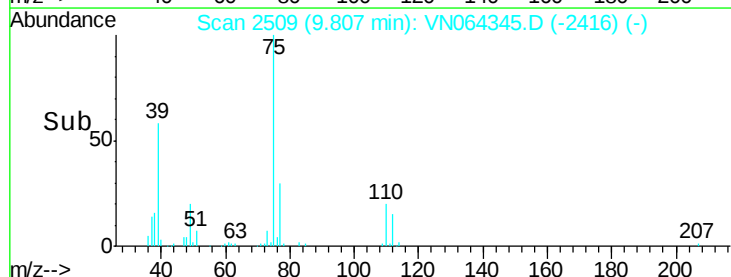
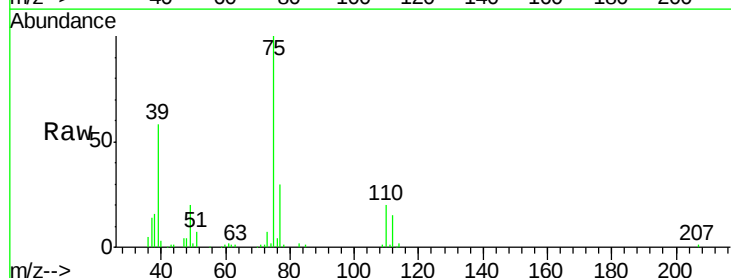
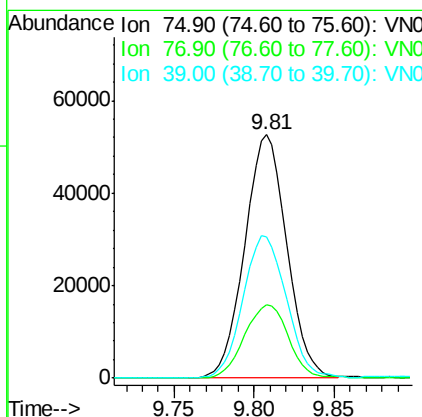
Manual Integrations
APPROVED

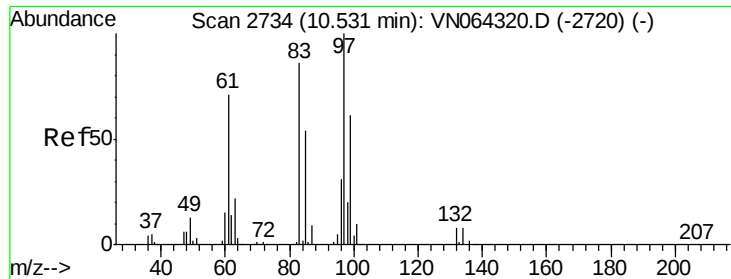
MMDadoda
10/29/2020 9:49:45 AM



#54
cis-1,3-Dichloropropene
Concen: 18.951 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 75 Resp: 94533
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.4
39 58.1 45.5 68.3





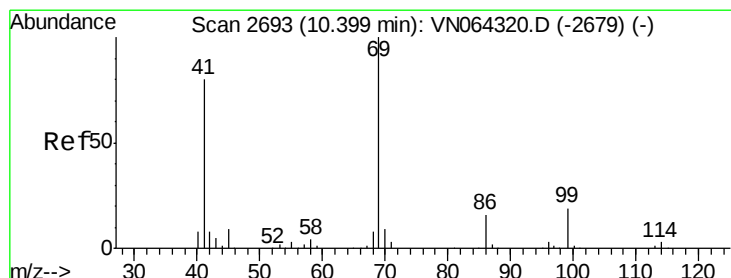
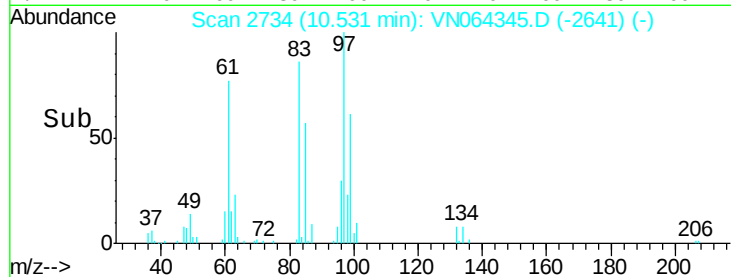
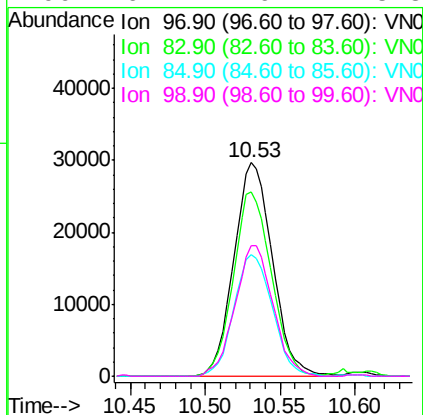
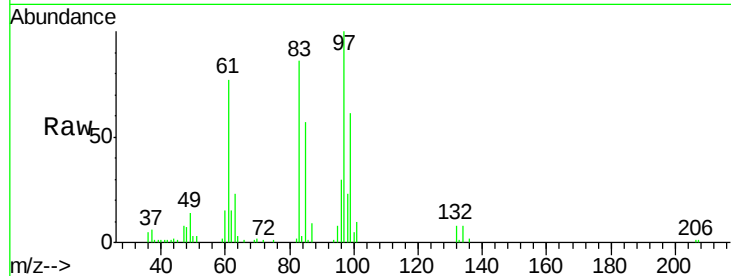
#55
 1,1,2-Trichloroethane
 Concen: 19.420 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.9	103.3
85	56.9	43.6	65.4
99	61.4	49.2	73.8

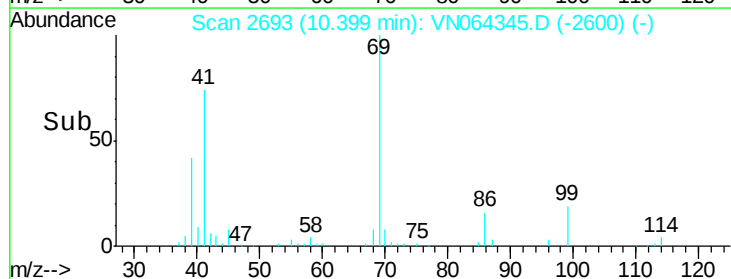
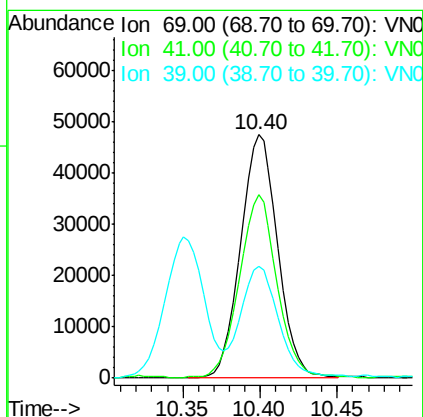
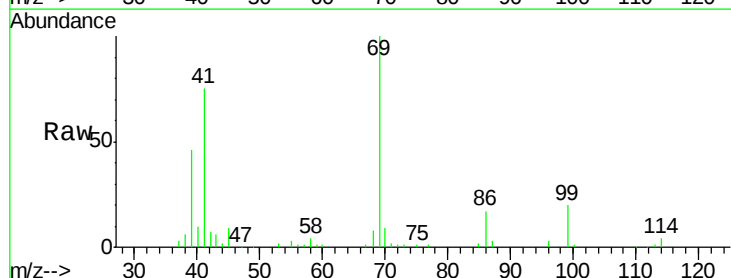
Manual Integrations
 APPROVED

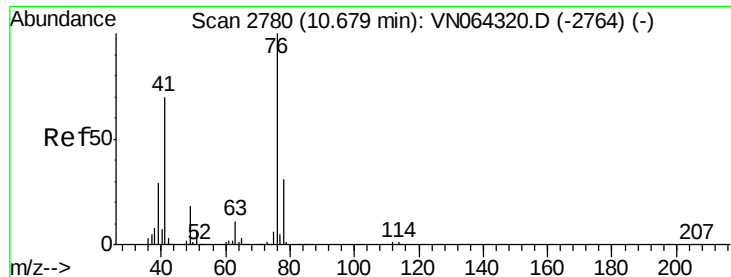
MMDadoda
 10/29/2020 9:49:45 AM



#56
 Ethyl methacrylate
 Concen: 19.060 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	61.4	92.2
39	46.1	36.5	54.7





#57

1,3-Dichloropropane

Concen: 19.762 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tot Ion: 76 Resp: 92692

Ion Ratio Lower Upper

76 100

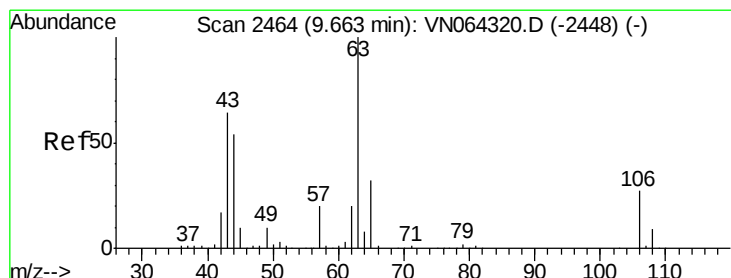
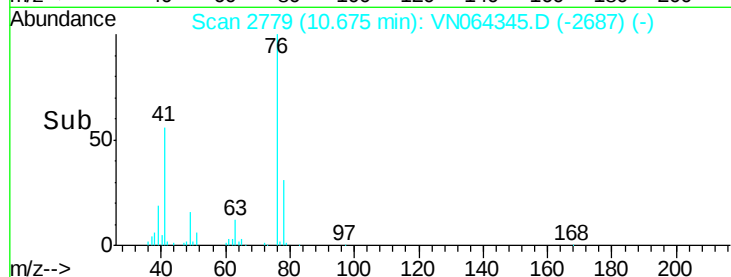
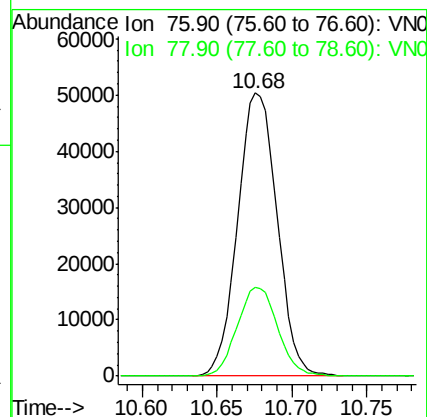
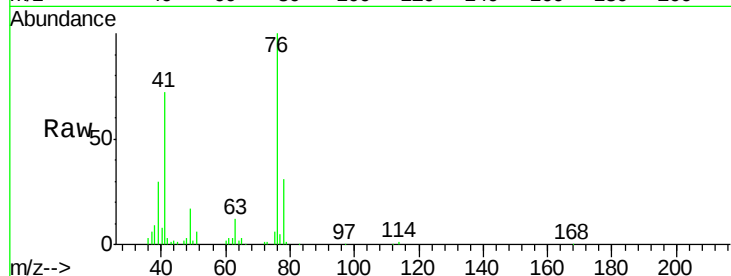
78 32.2 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

10/29/2020 9:49:45 AM



#58

2-Chloroethyl Vinyl ether

Concen: 89.515 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064345.D

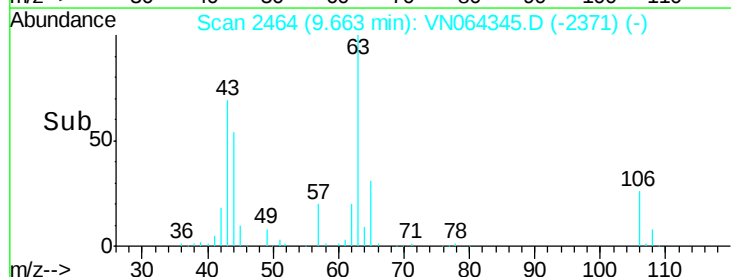
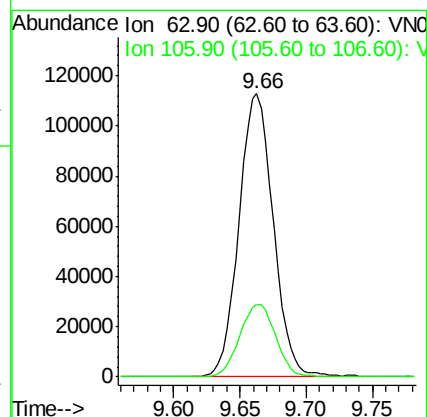
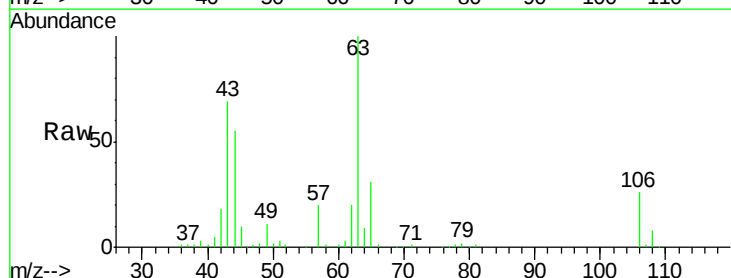
Acq: 28 Oct 2020 12:18

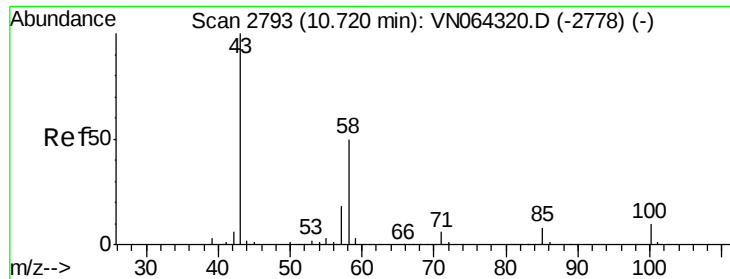
Tgt Ion: 63 Resp: 203315

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4





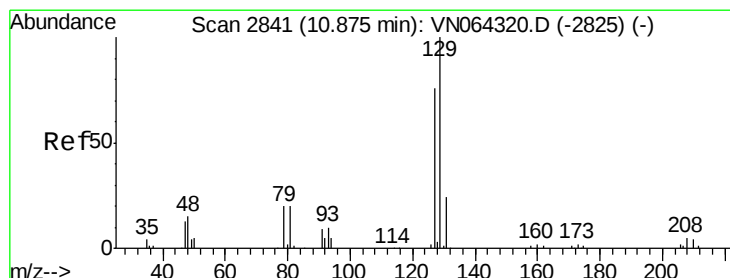
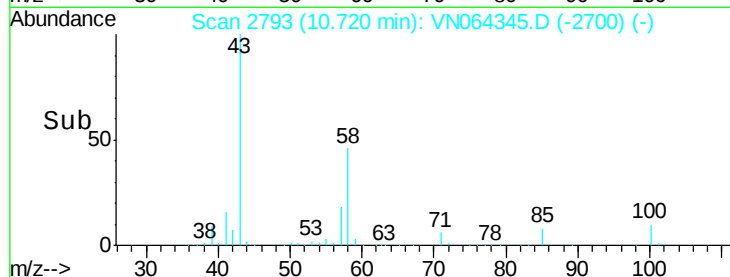
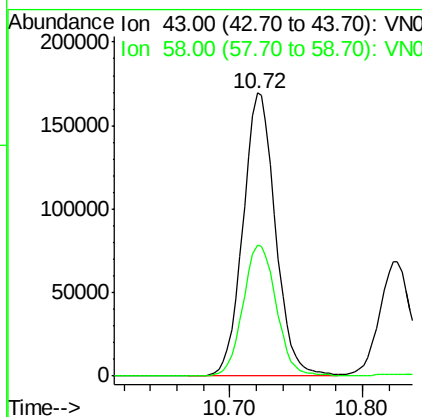
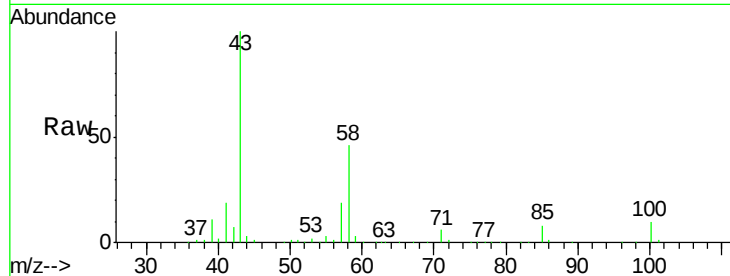
#59
2-Hexanone
Concen: 97.733 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.7	25.0	75.0

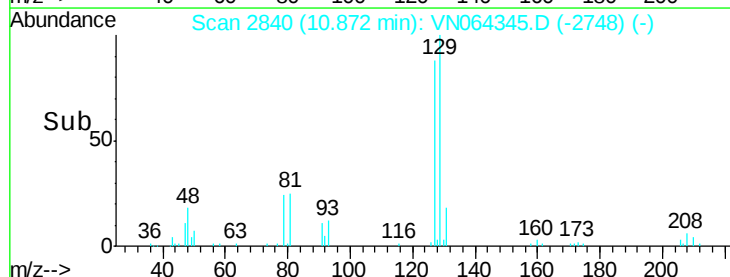
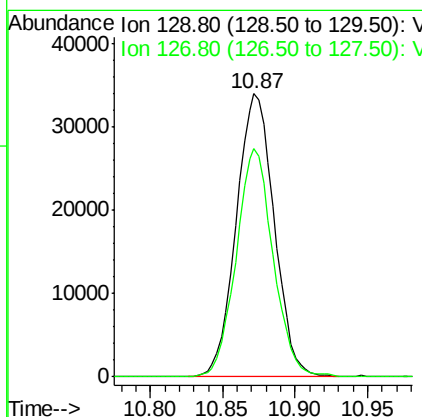
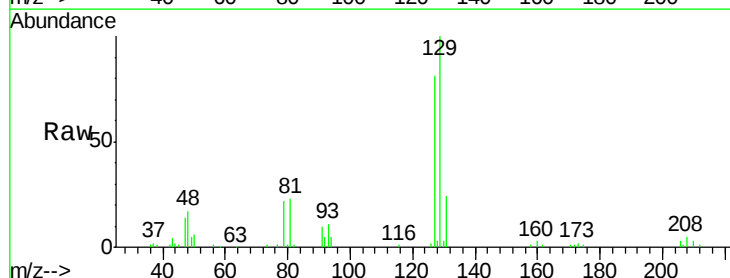
Manual Integrations
APPROVED

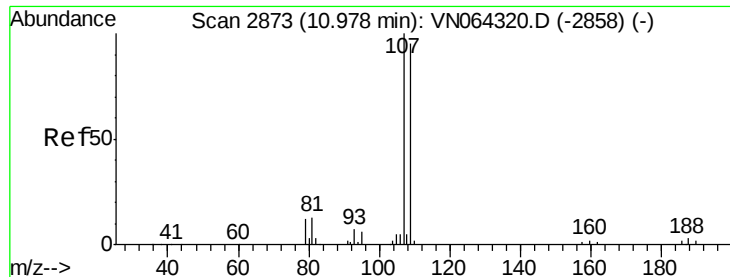
MMDadoda
10/29/2020 9:49:45 AM



#60
Dibromochloromethane
Concen: 18.973 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.5	115.3





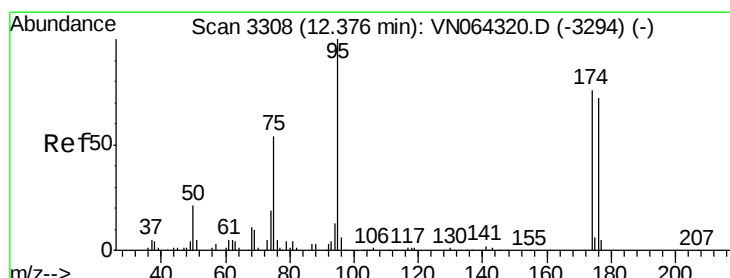
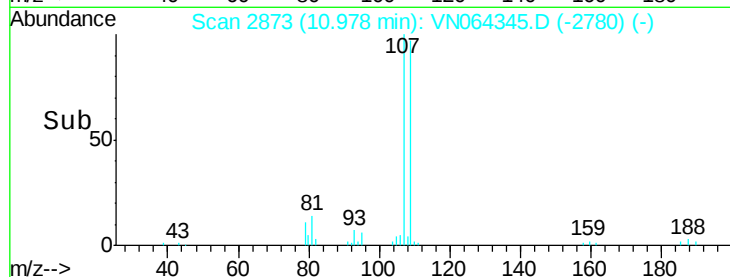
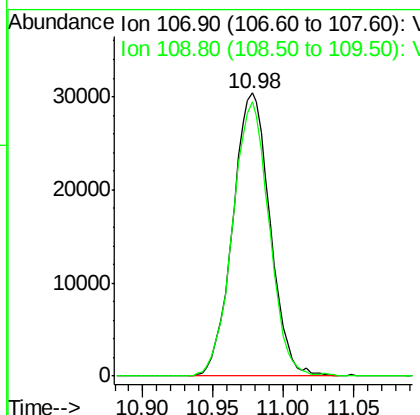
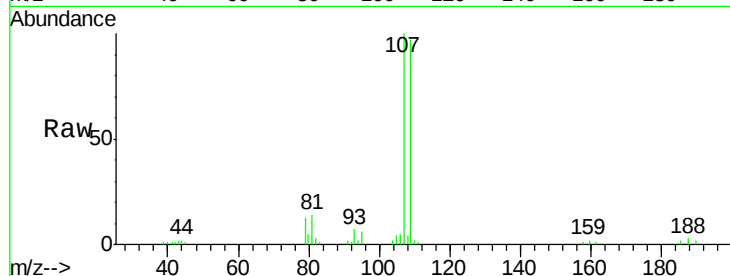
#61
 1,2-Dibromoethane
 Concen: 20.088 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.8	113.8

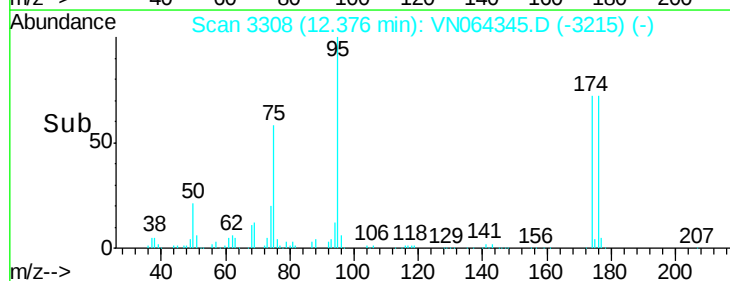
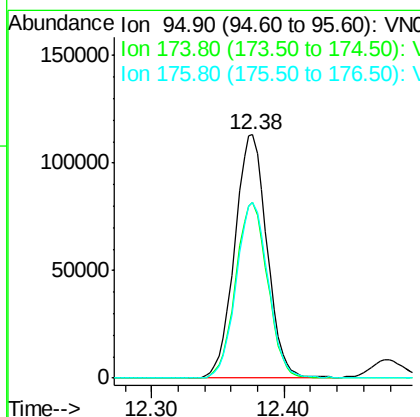
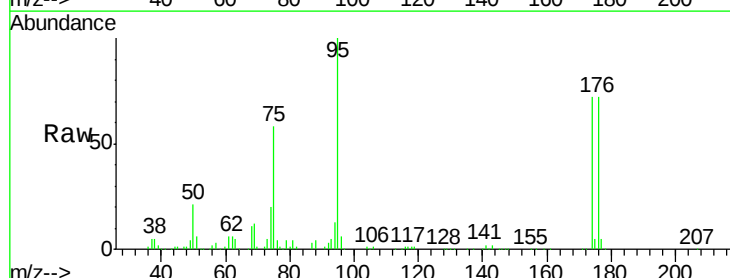
Manual Integrations
 APPROVED

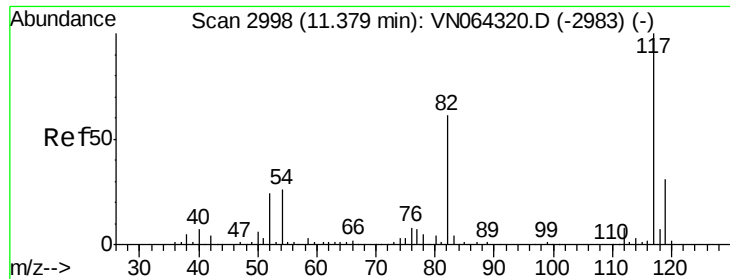
MMDadoda
 10/29/2020 9:49:45 AM



#62
 4-Bromofluorobenzene
 Concen: 50.601 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	147.4
176	71.4	0.0	143.6





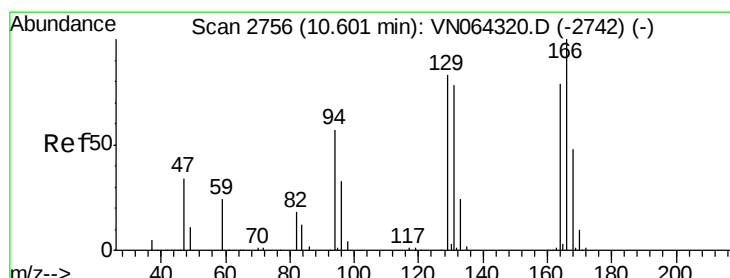
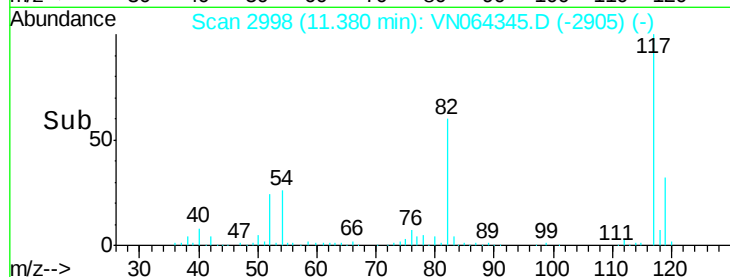
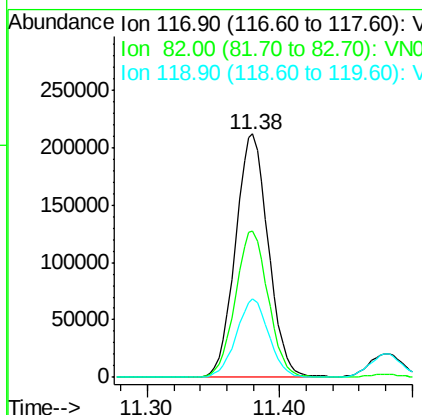
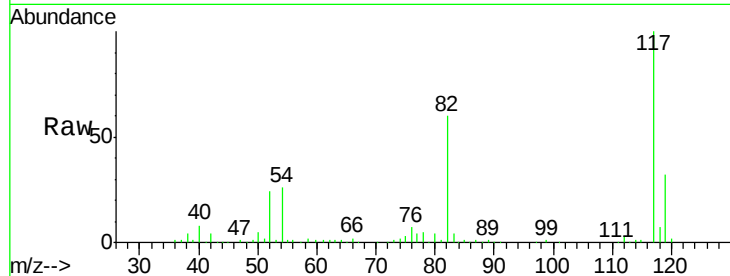
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.8	73.2
119	32.1	25.1	37.7

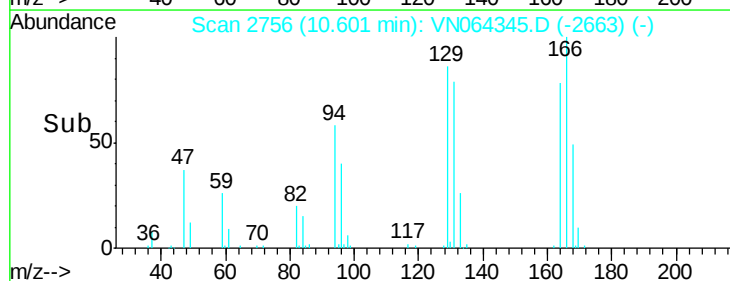
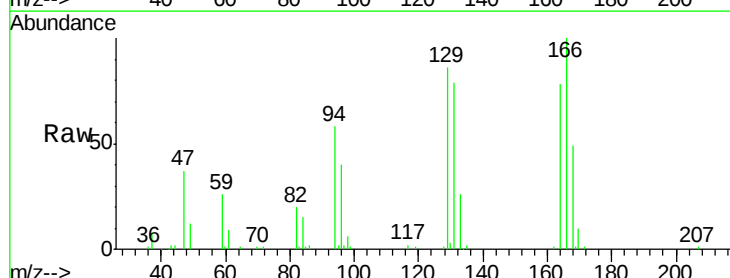
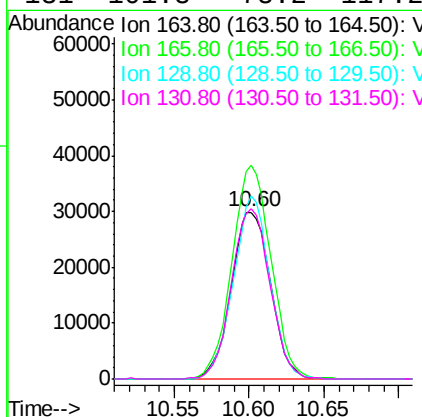
Manual Integrations
APPROVED

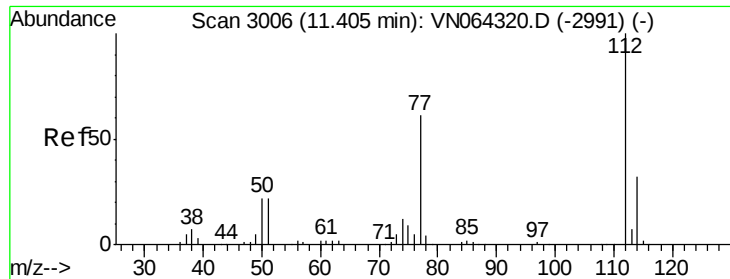
MMDadoda
10/29/2020 9:49:45 AM



#64
Tetrachloroethene
Concen: 18.237 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.7	151.1
129	109.6	83.7	125.5
131	101.8	78.2	117.2





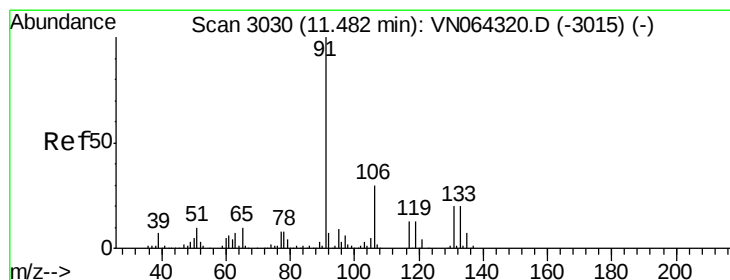
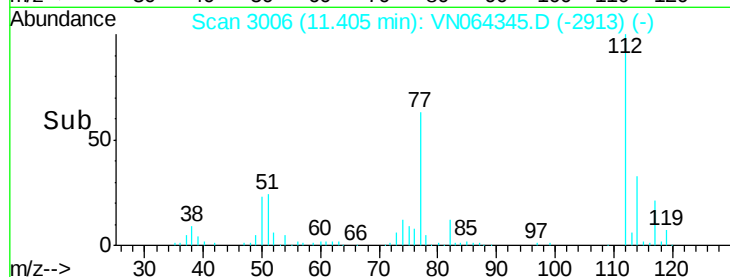
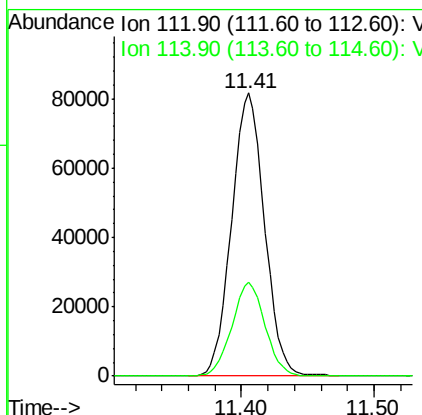
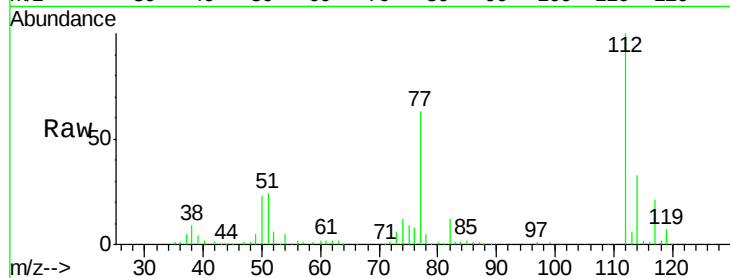
#65
Chlorobenzene
Concen: 18.993 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion:112 Resp: 140445
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.0

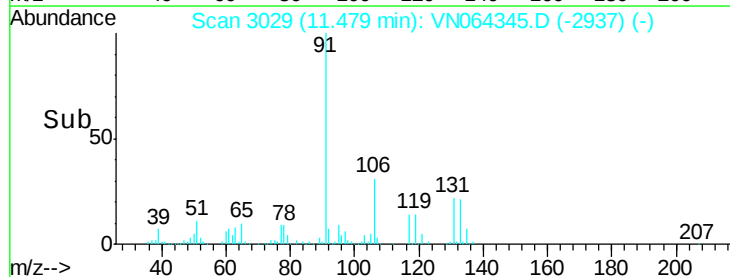
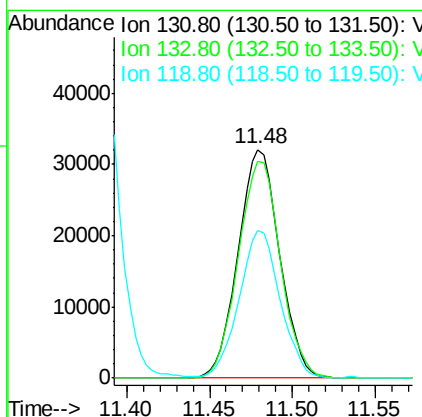
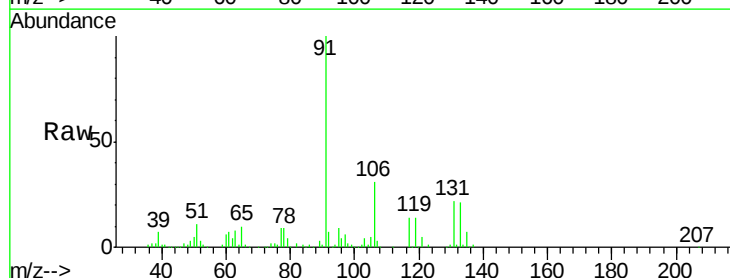
Manual Integrations
APPROVED

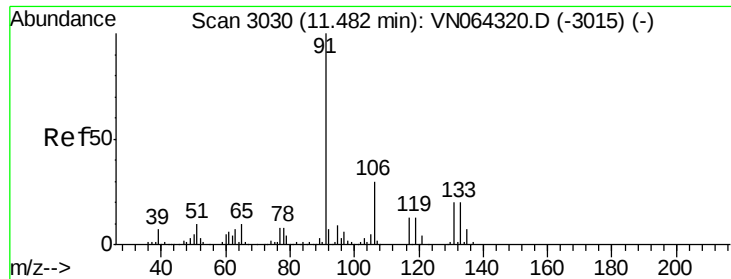
MMDadoda
10/29/2020 9:49:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.688 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion:131 Resp: 55855
Ion Ratio Lower Upper
131 100
133 96.4 49.3 147.8
119 63.8 32.3 96.9





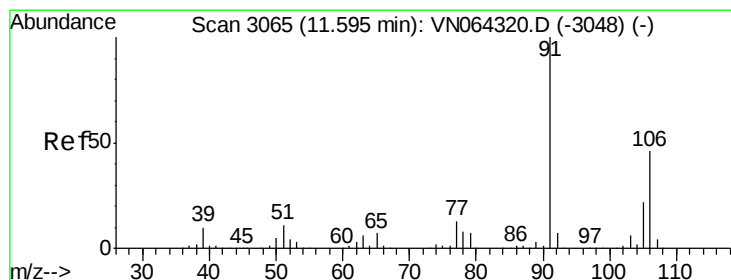
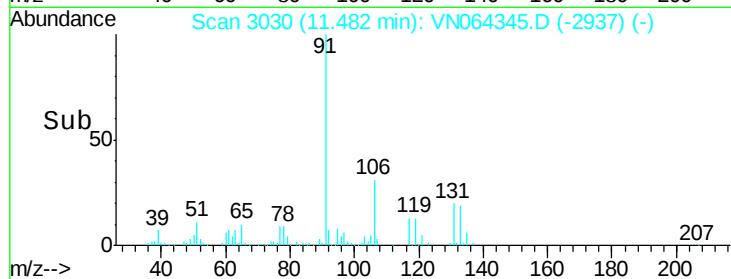
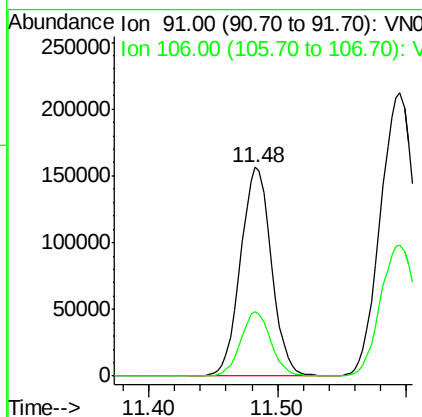
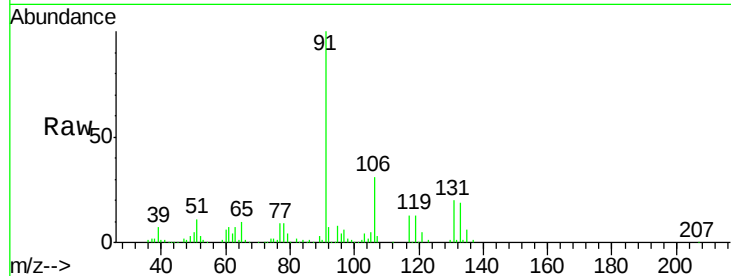
#67
Ethyl Benzene
Concen: 18.990 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion: 91 Resp: 261071
Ion Ratio Lower Upper
91 100
106 30.8 23.7 35.5

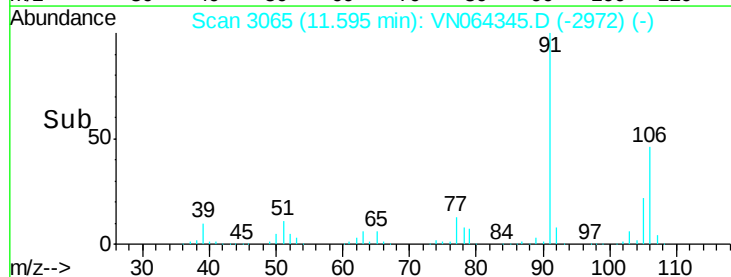
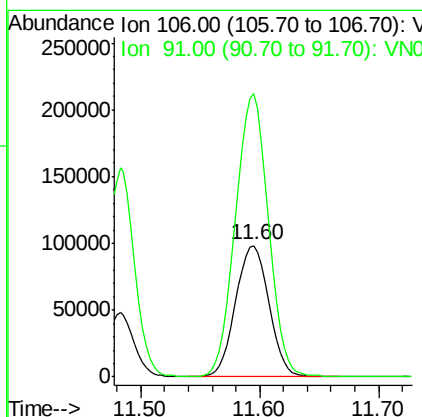
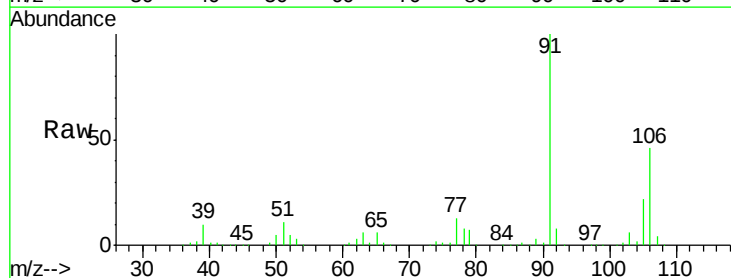
Manual Integrations
APPROVED

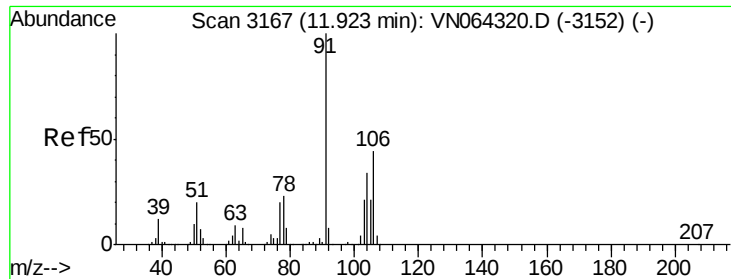
MMDadoda
10/29/2020 9:49:45 AM



#68
m/p-Xylenes
Concen: 37.640 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 106 Resp: 191767
Ion Ratio Lower Upper
106 100
91 211.7 170.2 255.4





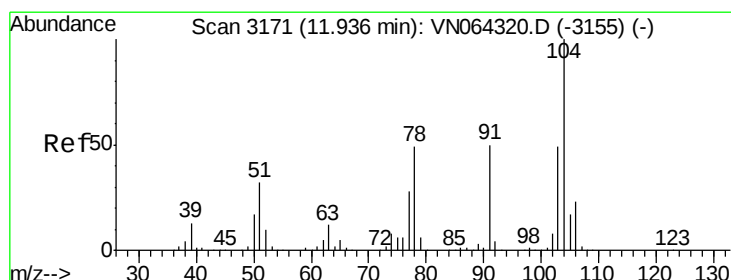
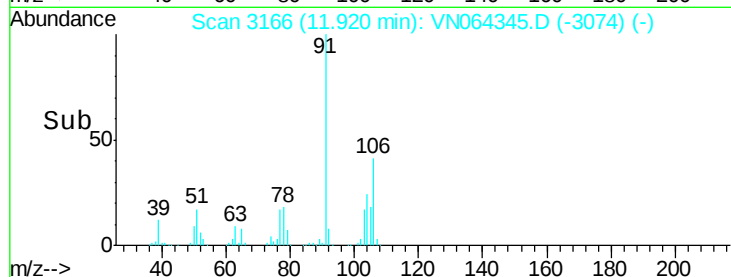
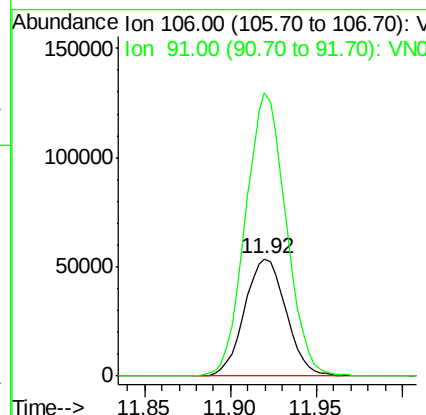
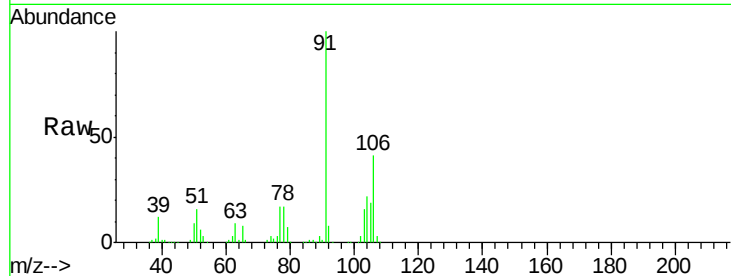
#69
o-Xylene
Concen: 18.455 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		90584		
91	234.4	114.5	343.5		

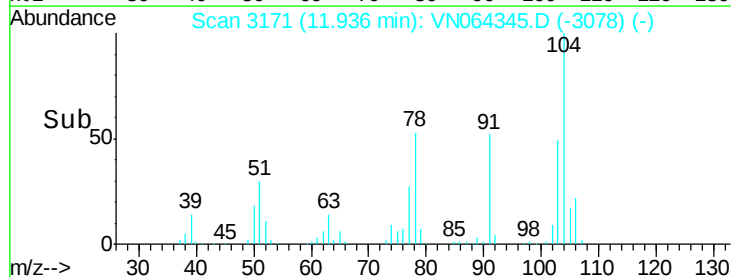
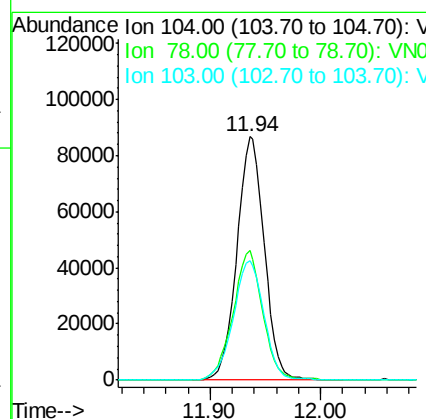
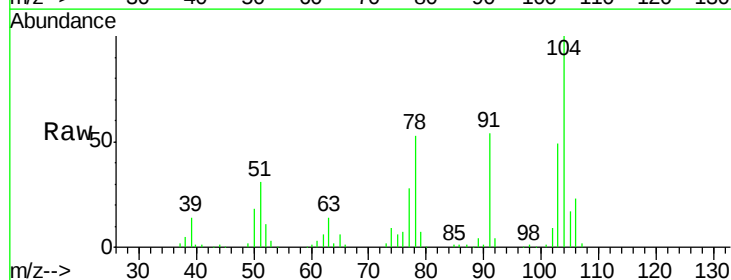
Manual Integrations
APPROVED

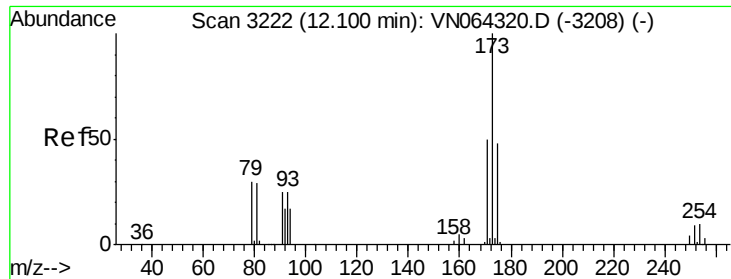
MMDadoda
10/29/2020 9:49:45 AM



#70
Styrene
Concen: 18.531 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		149128		
78	57.7	43.7	65.5		
103	54.9	43.3	64.9		





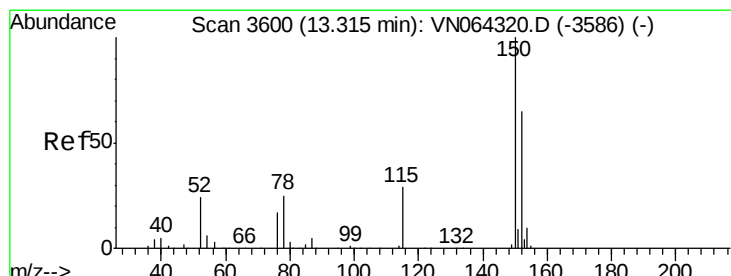
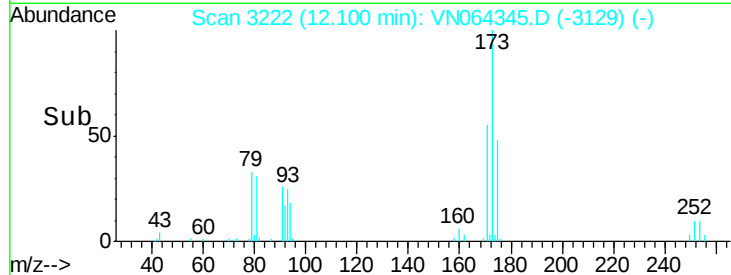
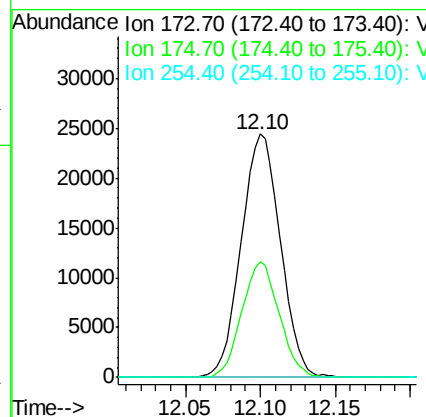
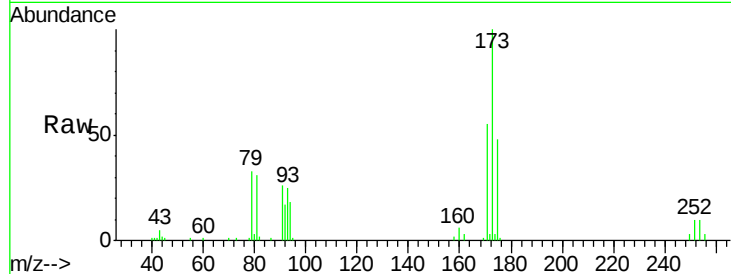
#71
Bromoform
Concen: 19.020 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.1	25.4	76.0
254	0.0	0.0	0.0

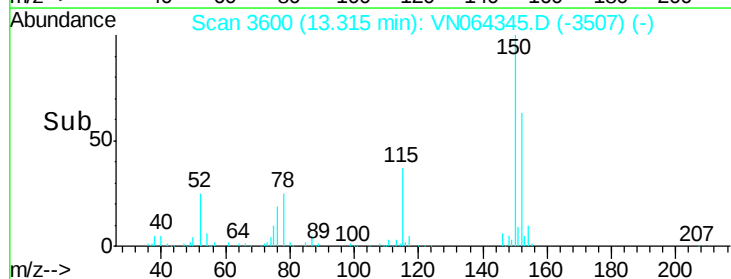
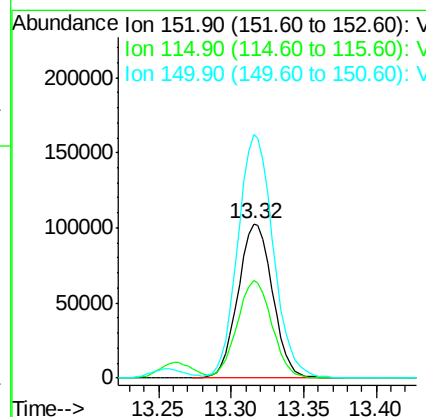
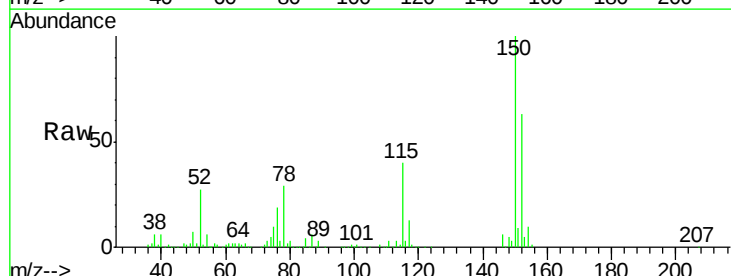
Manual Integrations
APPROVED

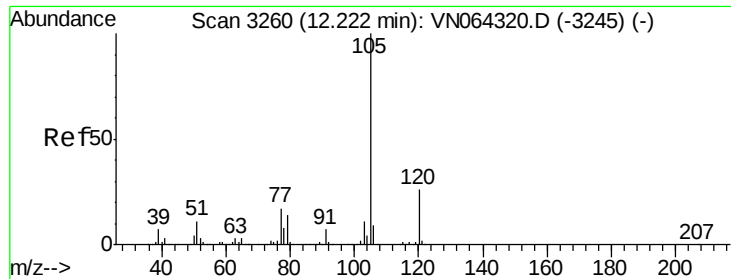
MMDadoda
10/29/2020 9:49:45 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.5	94.5
150	161.4	0.0	346.2





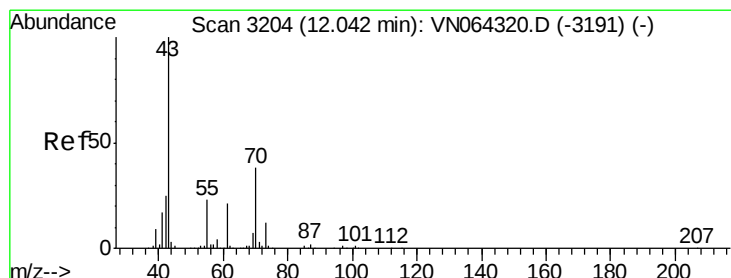
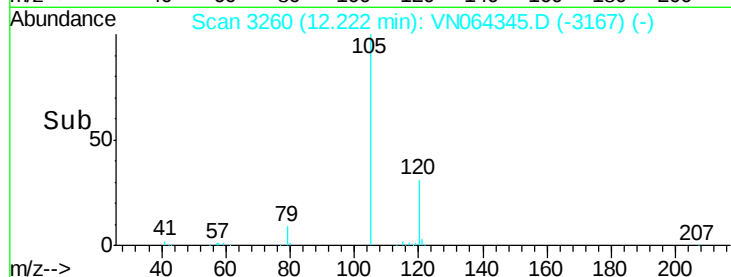
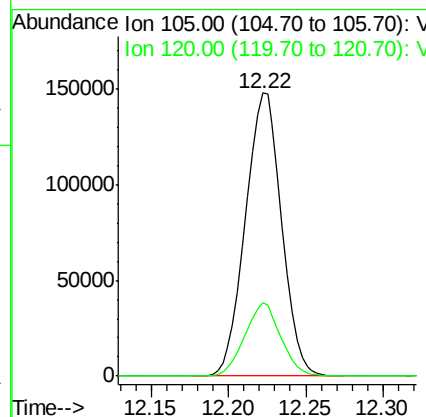
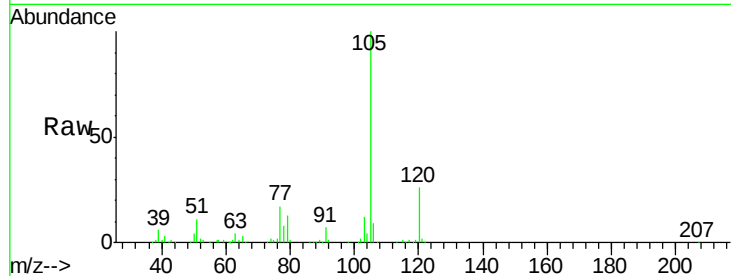
#73
Isopropylbenzene
Concen: 18.948 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.2	39.5

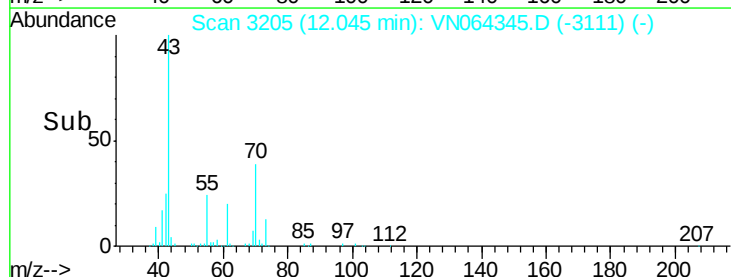
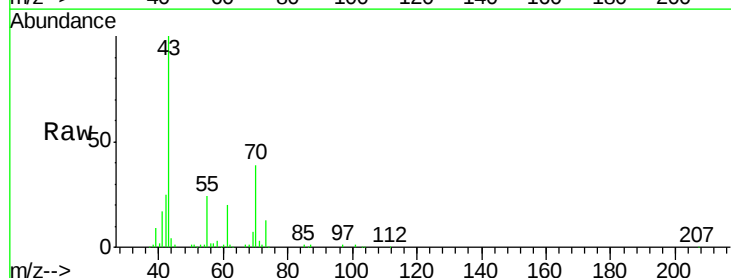
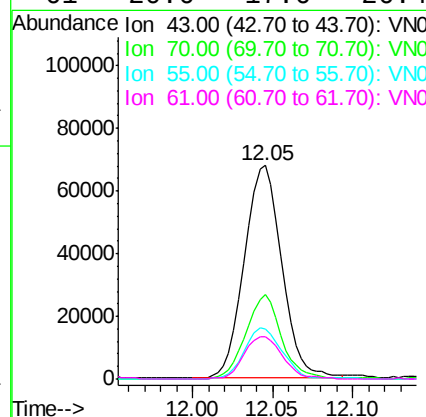
Manual Integrations
APPROVED

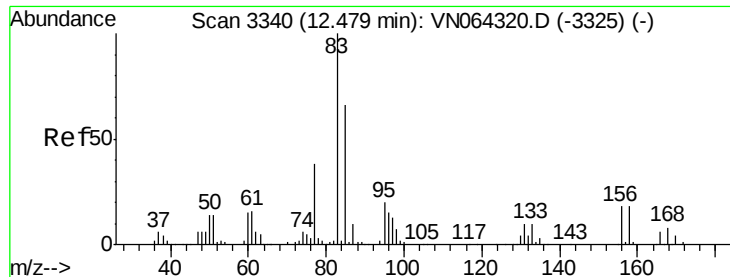
MMDadoda
10/29/2020 9:49:45 AM



#74
N-ethyl acetate
Concen: 19.383 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.5	30.6	45.8
55	24.1	18.2	27.4
61	20.6	17.6	26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.439 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

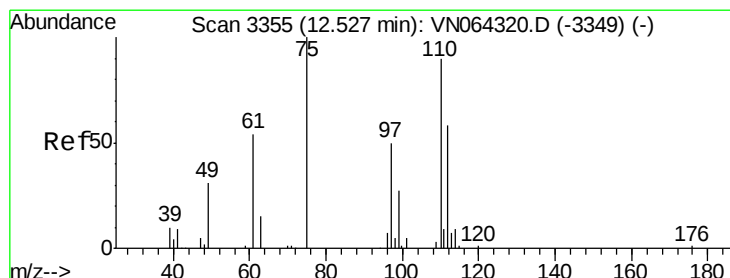
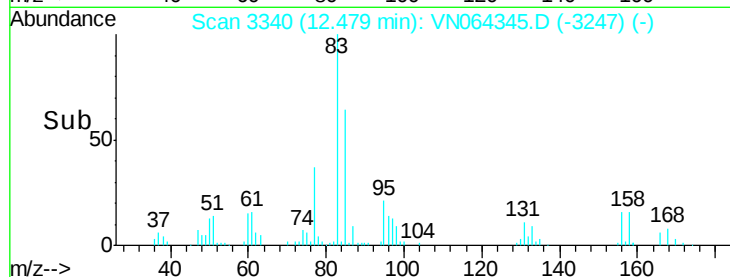
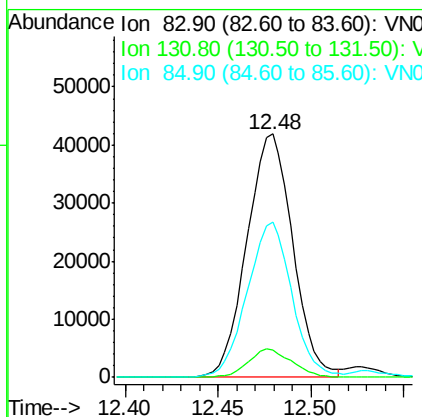
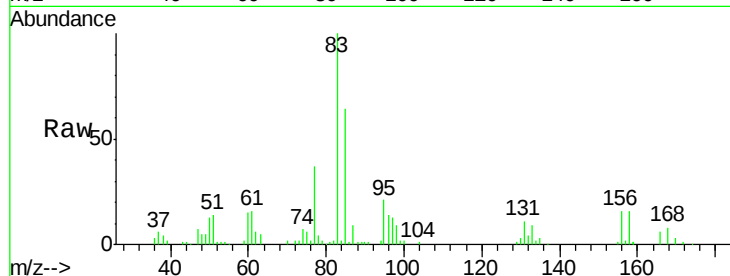
ClientSampleId :

VN1028WBS01

Tot Ion:	83	Resp:	71906
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	62.2	33.0	98.9

Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:49:45 AM



#76

1,2,3-Trichloropropane

Concen: 17.849 ug/l m

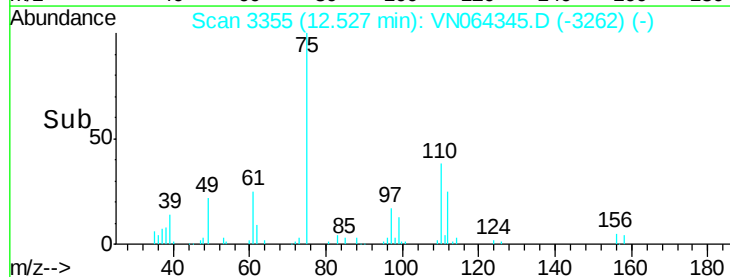
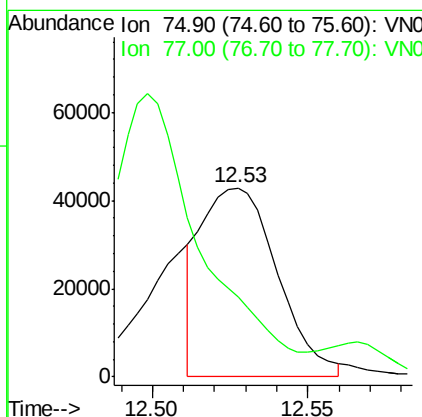
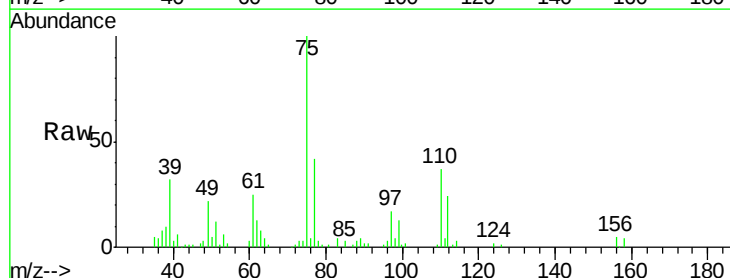
RT: 12.53 min Scan# 3355

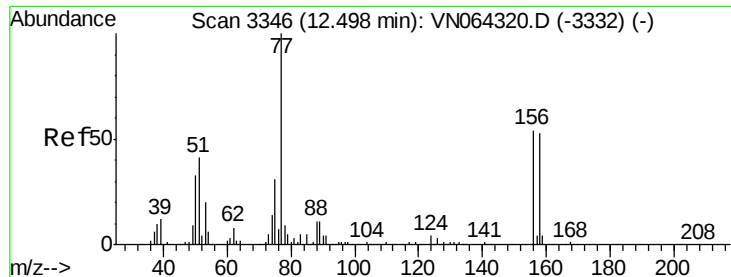
Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion:	75	Resp:	72625
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.920 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

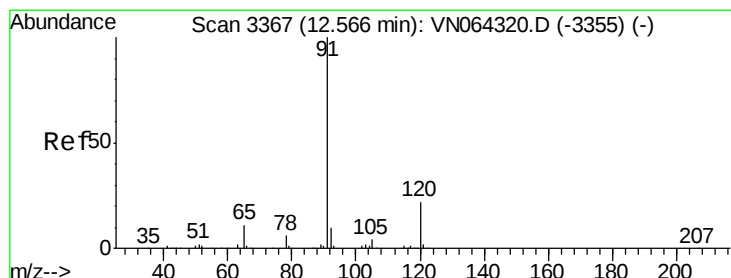
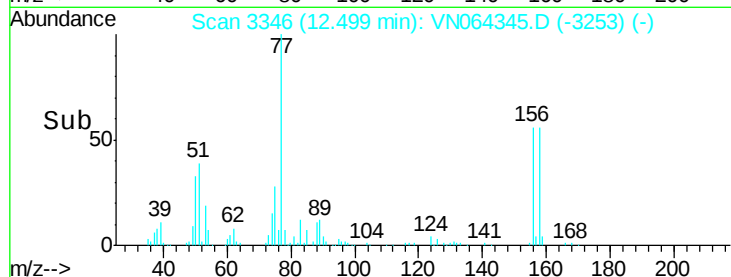
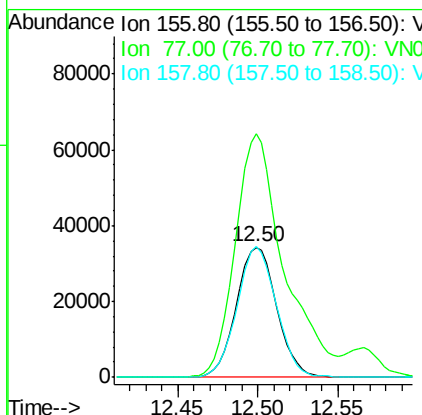
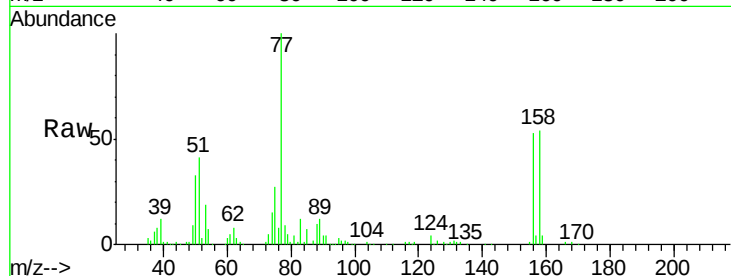
ClientSampleId :

VN1028WBS01

Tot Ion	156	Resp	58956
Ion Ratio	Lower	Upper	
156	100		
77	228.0	111.9	335.7
158	98.1	49.0	147.0

Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:49:45 AM



#78

n-propylbenzene

Concen: 18.800 ug/l

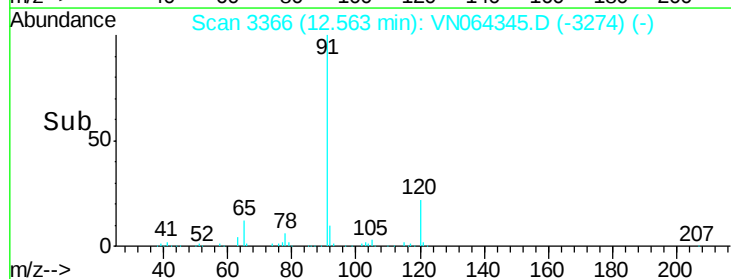
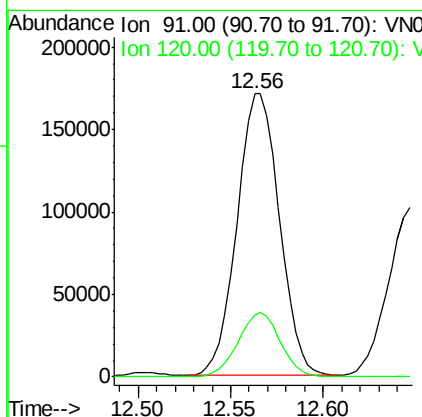
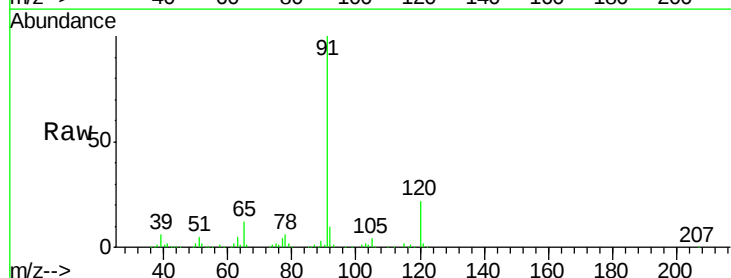
RT: 12.56 min Scan# 3366

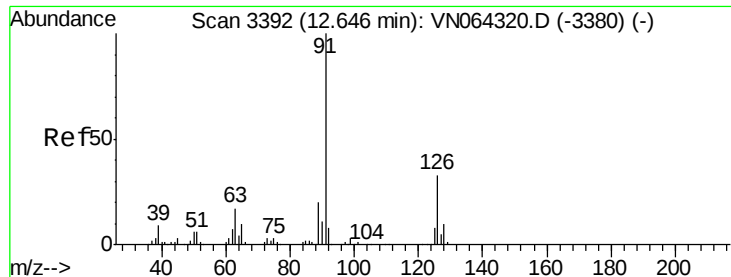
Delta R.T. -0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion	91	Resp	270853
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.2	33.5





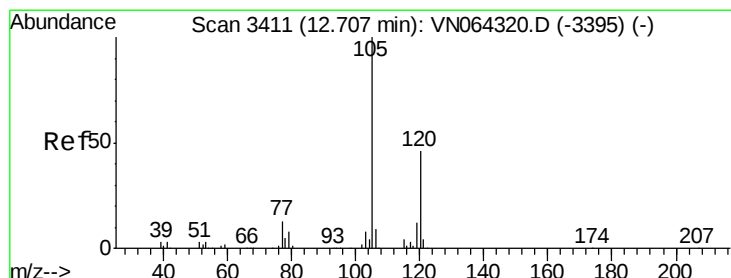
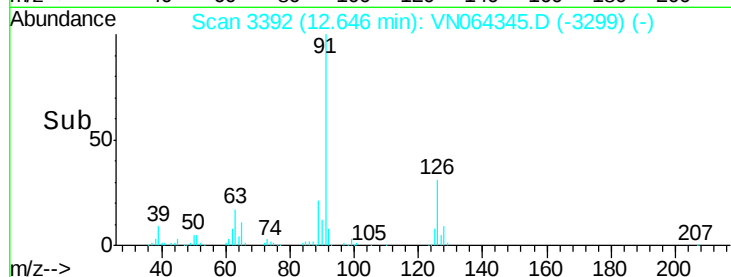
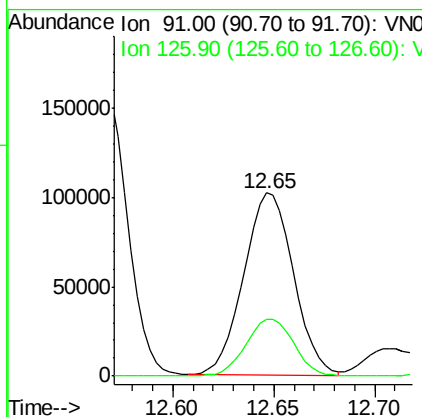
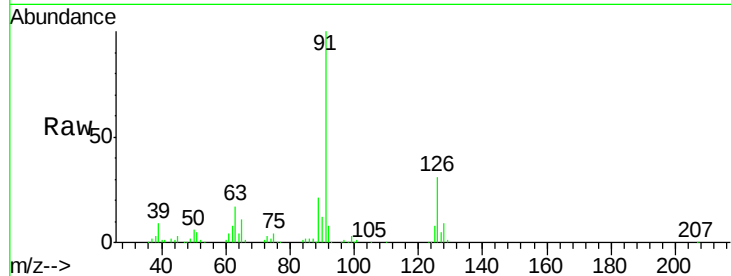
#79
 2-Chlorotoluene
 Concen: 19.073 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.5	16.2	48.5

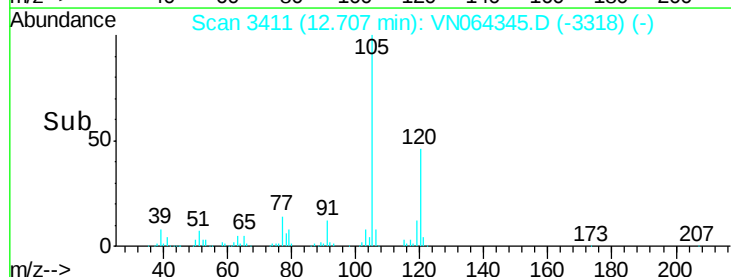
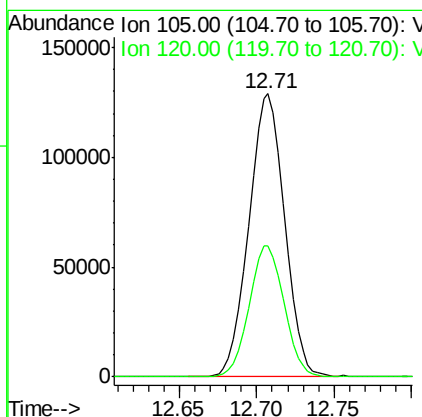
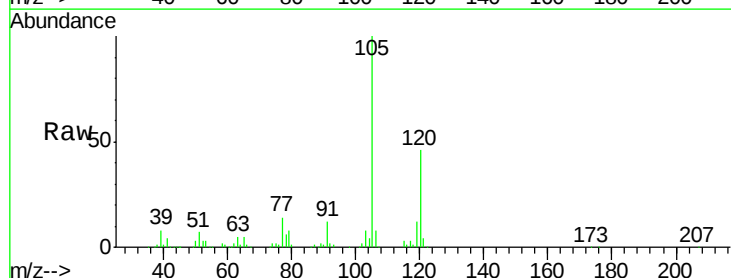
Manual Integrations
 APPROVED

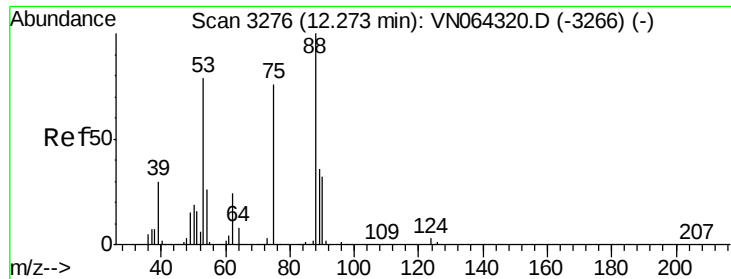
MMDadoda
 10/29/2020 9:49:45 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.264 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.9	68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.943 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

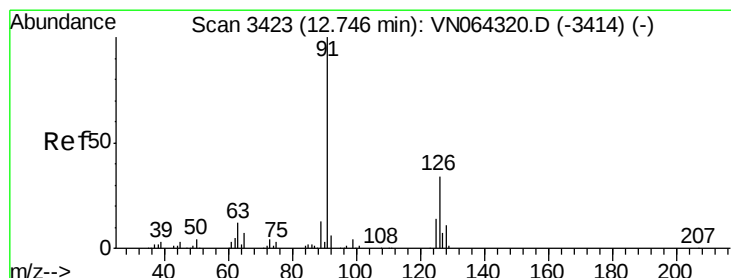
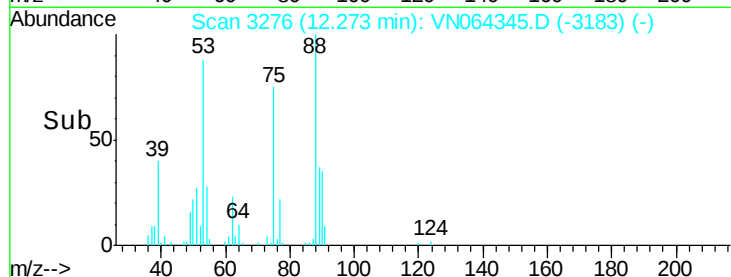
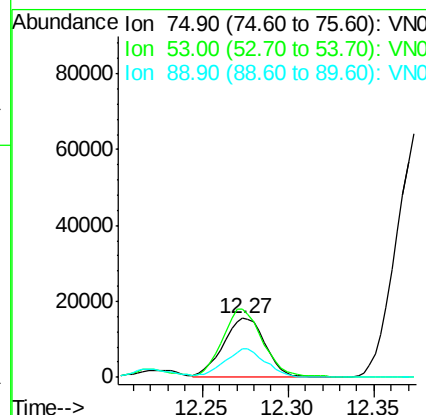
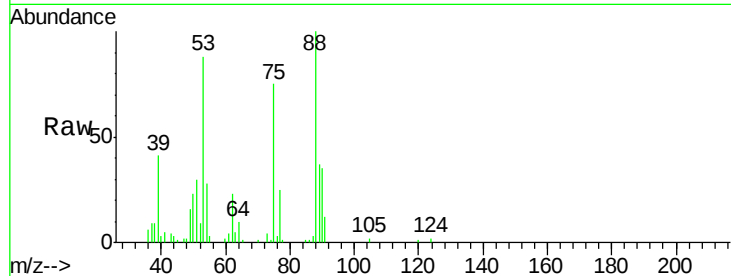
ClientSampleId :

VN1028WBS01

Tot Ion:	75	Resp:	26758
Ion	Ratio	Lower	Upper
75	100		
53	111.3	81.8	122.8
89	47.7	39.9	59.9

Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:49:45 AM



#82

4-Chlorotoluene

Concen: 19.482 ug/l

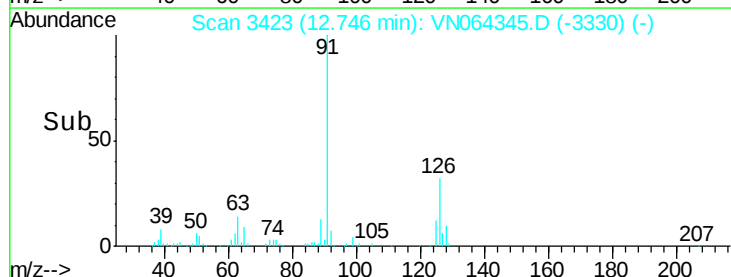
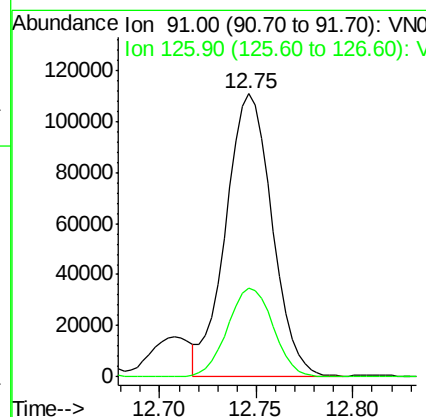
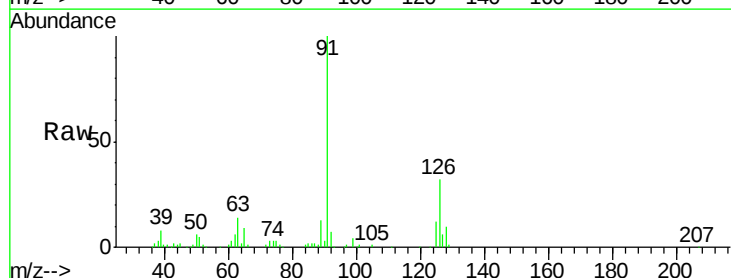
RT: 12.75 min Scan# 3423

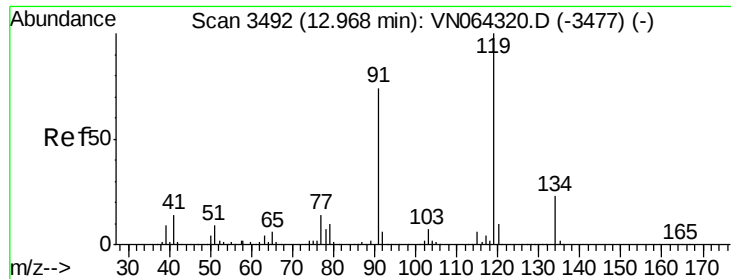
Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion:	91	Resp:	182788
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.8	47.3





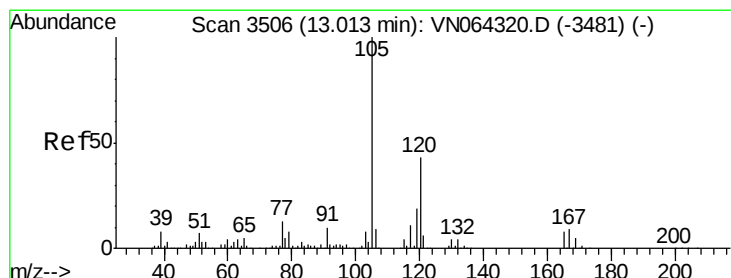
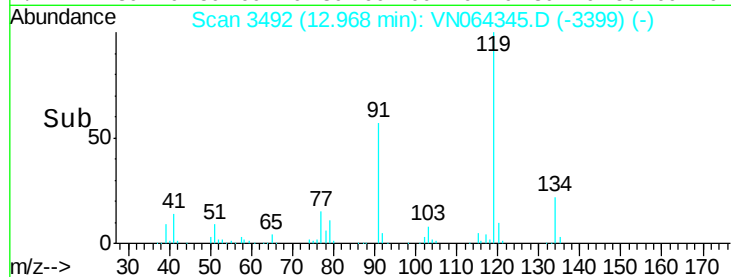
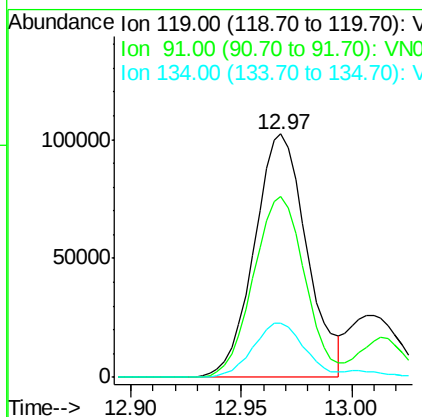
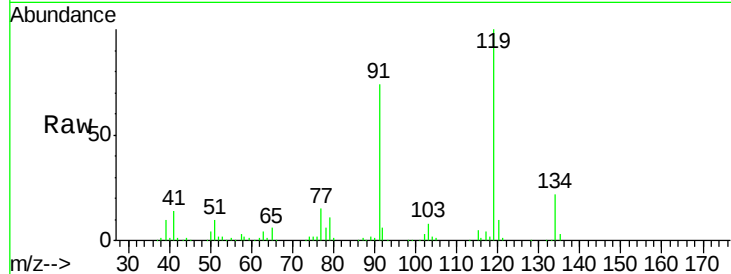
#83
tert-Butylbenzene
Concen: 19.093 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.8	36.4	109.1
134	21.9	12.0	36.1

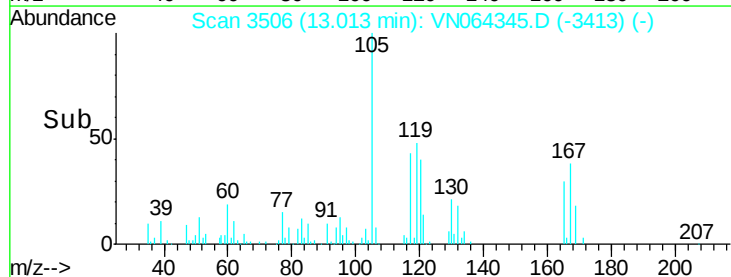
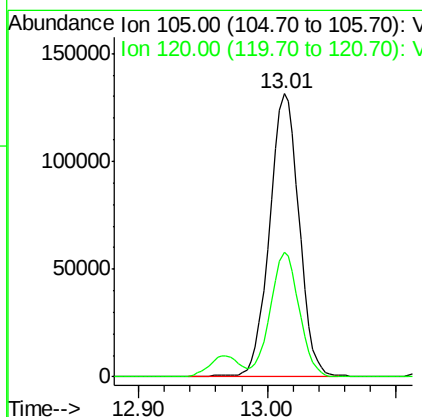
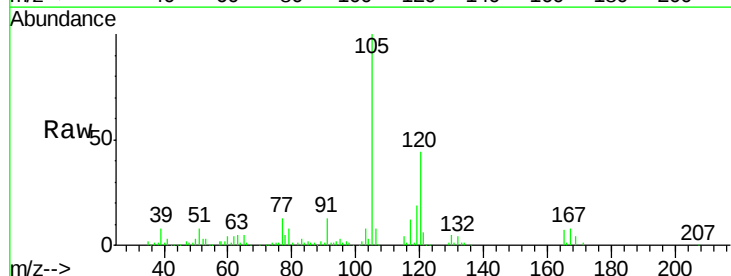
Manual Integrations
APPROVED

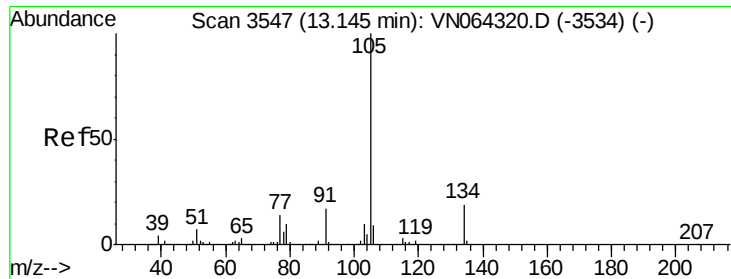
MMDadoda
10/29/2020 9:49:45 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.516 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.3	64.0





#85

sec-Butylbenzene

Concen: 18.932 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tot Ion:105 Resp: 216472

Ion Ratio Lower Upper

105 100

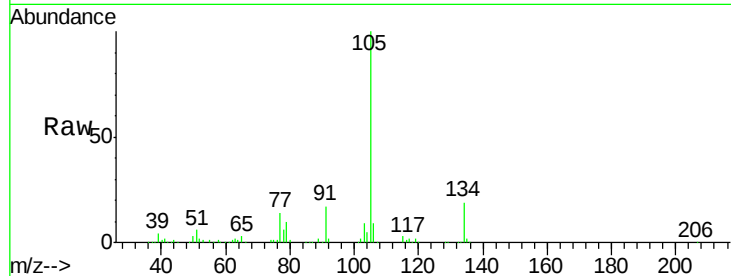
134 19.3 9.6 28.8

Manual Integrations

APPROVED

MMDadoda

10/29/2020 9:49:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

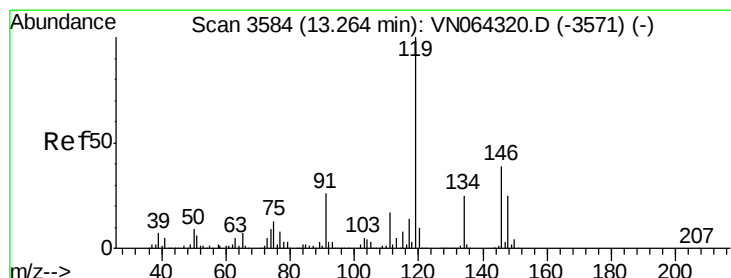
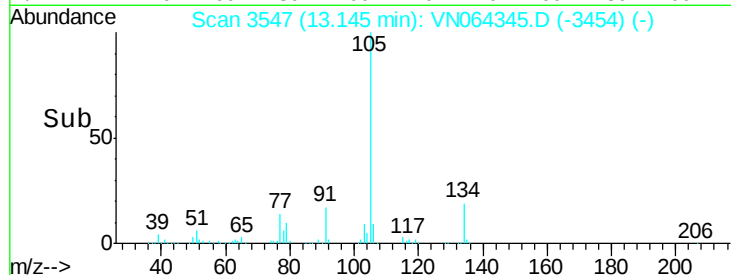
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.147 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

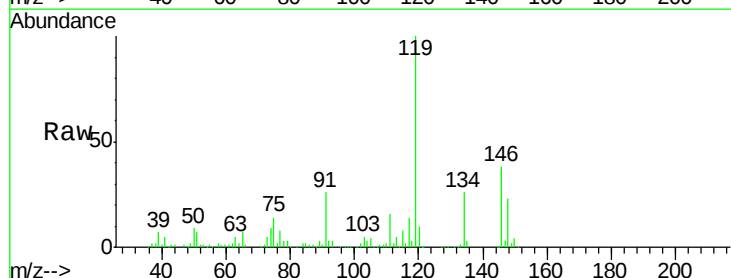
Tgt Ion:119 Resp: 197236

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 26.3 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

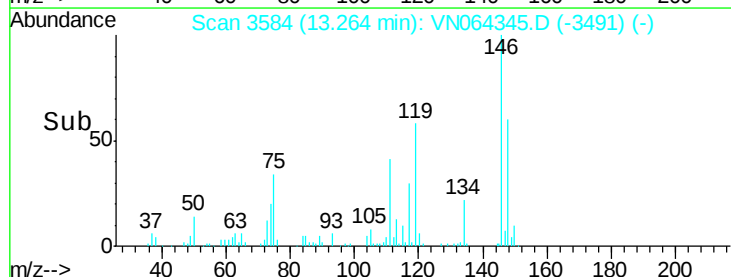
150000

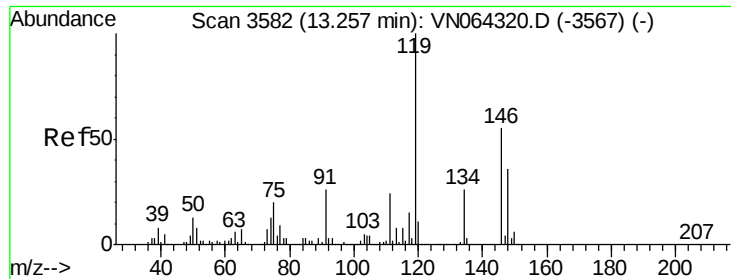
100000

50000

0

Time-->





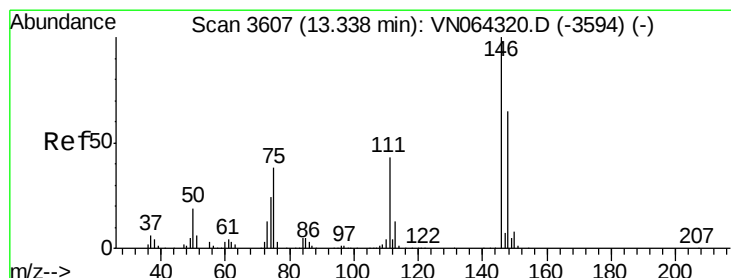
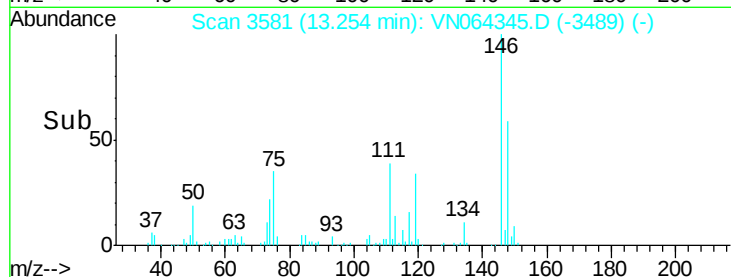
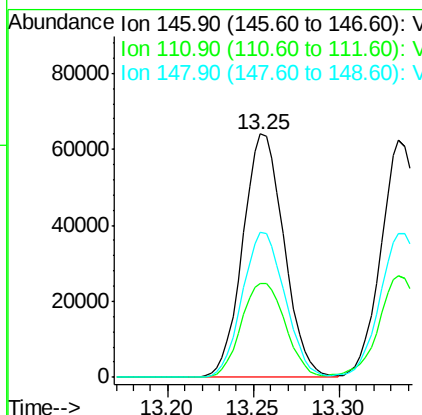
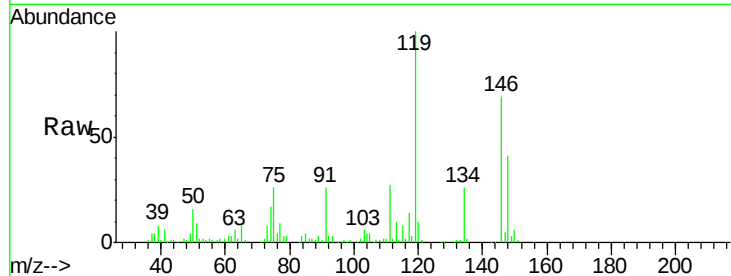
#87
 1,3-Dichlorobenzene
 Concen: 19.562 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.9	65.5
148	61.5	32.6	98.0

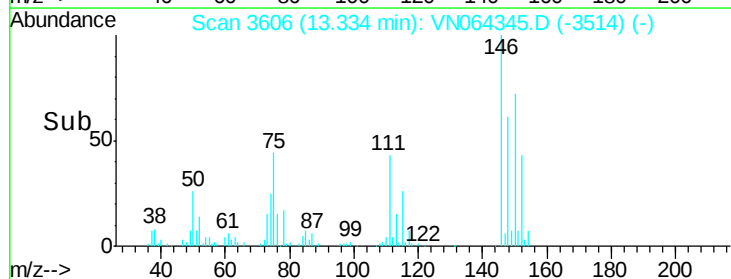
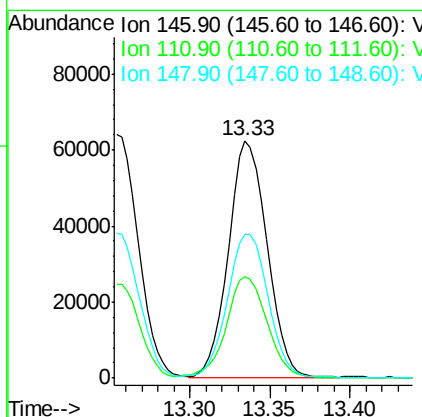
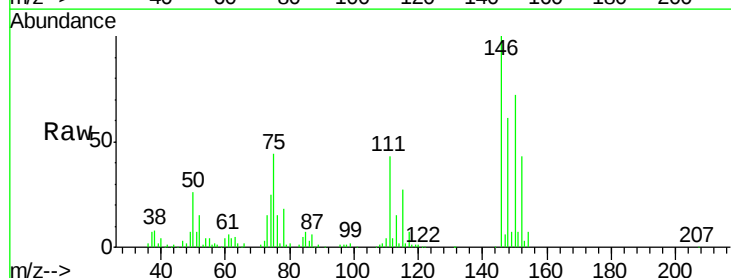
Manual Integrations
 APPROVED

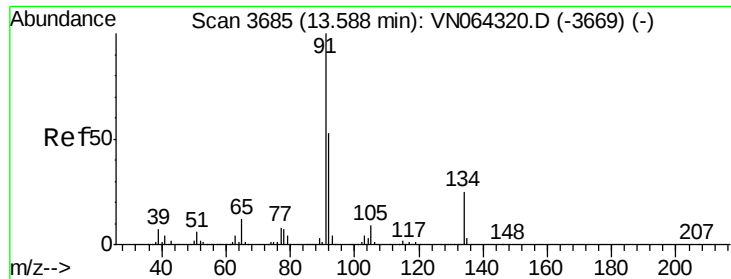
MMDadoda
 10/29/2020 9:49:45 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.396 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.9	21.8	65.4
148	65.0	31.8	95.3





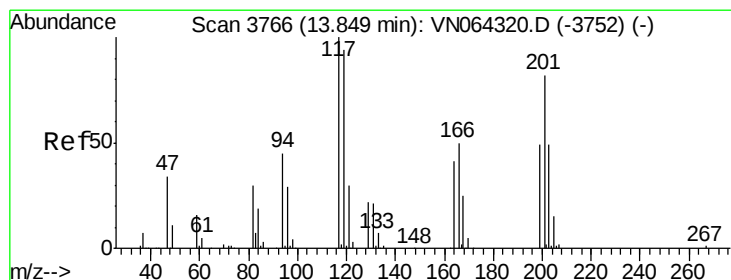
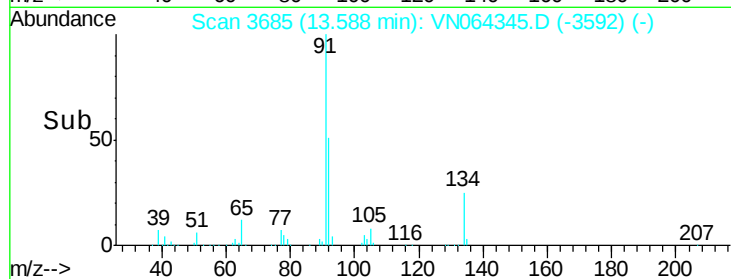
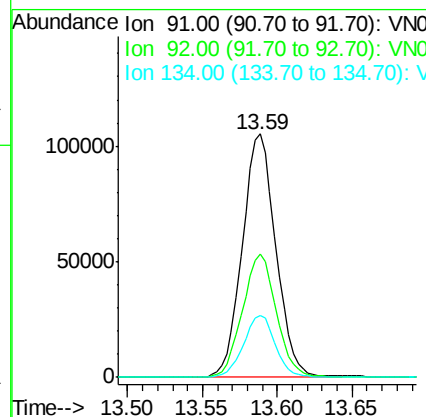
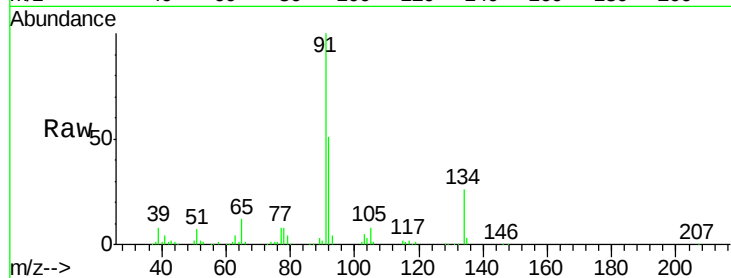
#89
n-Butylbenzene
Concen: 18.145 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.2	78.5
134	24.1	12.4	37.4

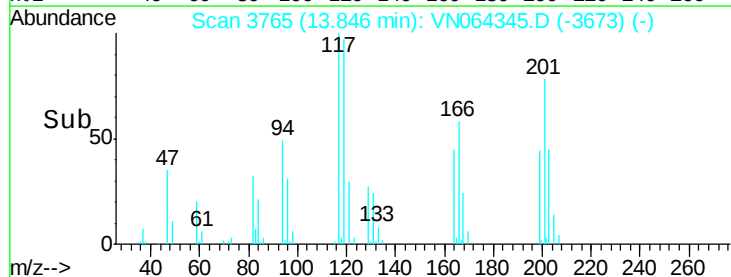
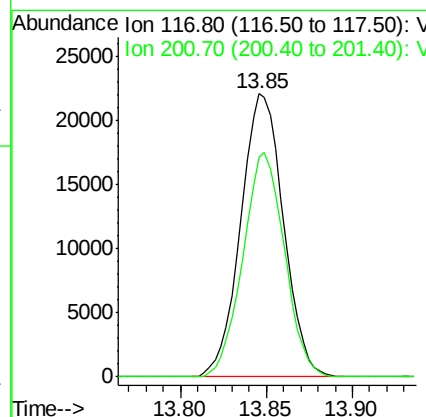
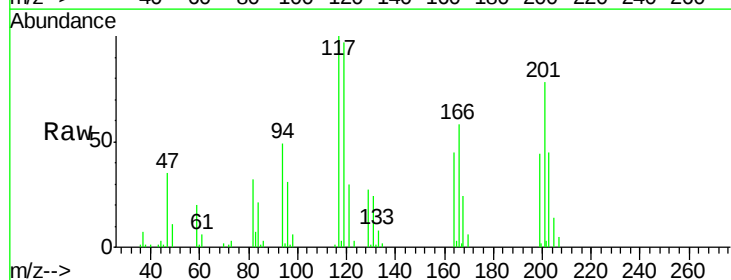
Manual Integrations
APPROVED

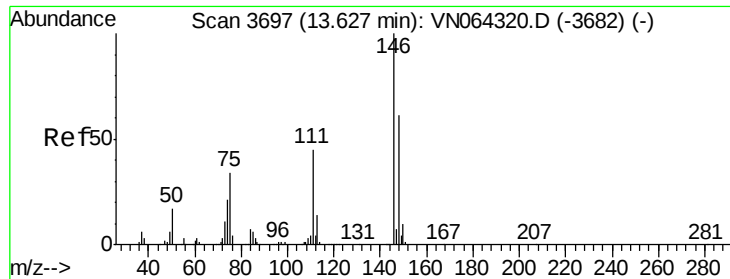
MMDadoda
10/29/2020 9:49:45 AM



#90
Hexachloroethane
Concen: 19.726 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.0	39.8	119.3





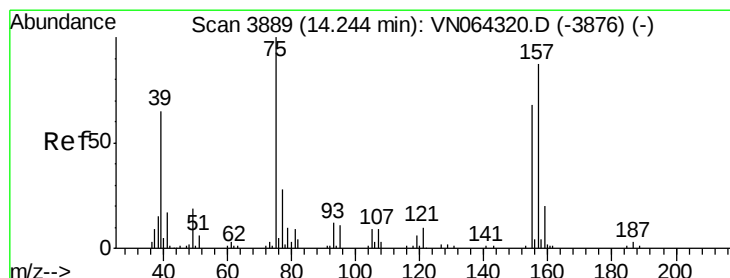
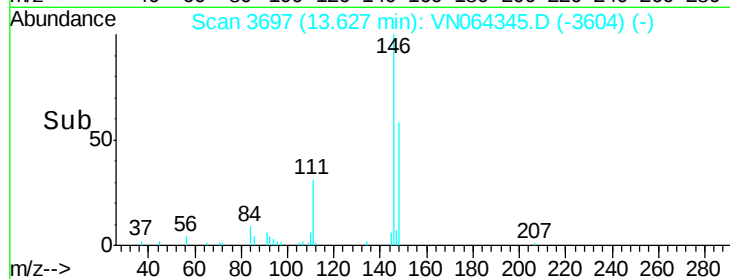
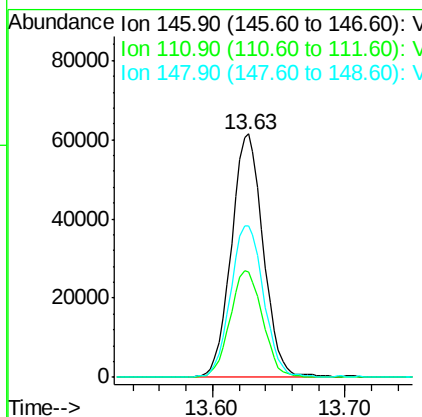
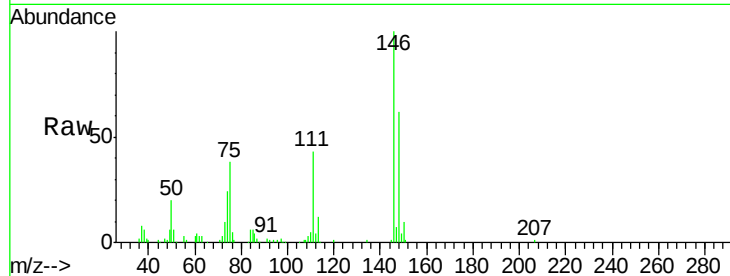
#91
 1,2-Dichlorobenzene
 Concen: 18.967 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	23.0	69.0
148	64.6	32.1	96.3

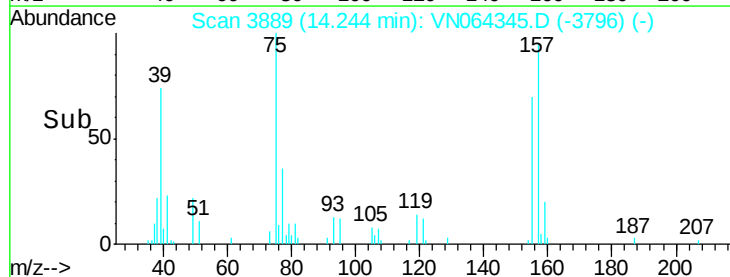
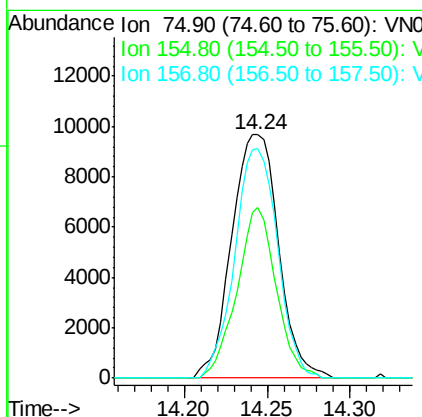
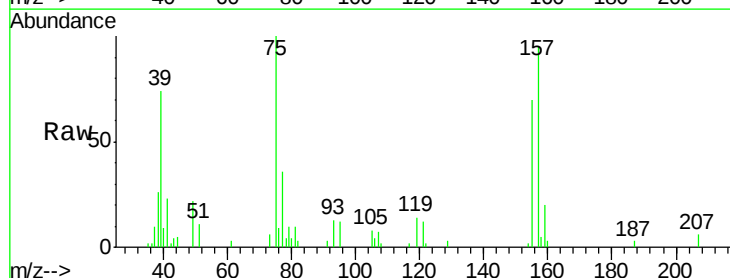
Manual Integrations
 APPROVED

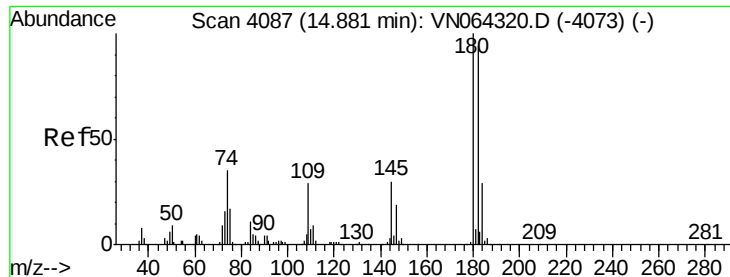
MMDadoda
 10/29/2020 9:49:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.701 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	58.6	35.1	105.5
157	86.6	43.2	129.6





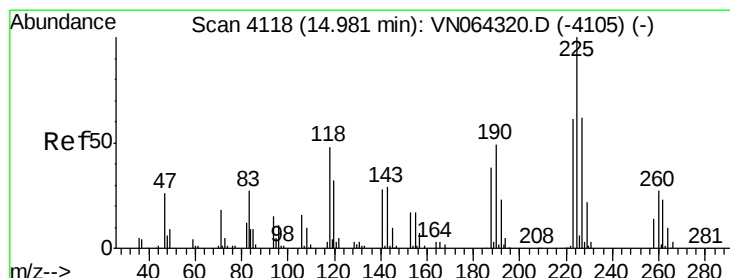
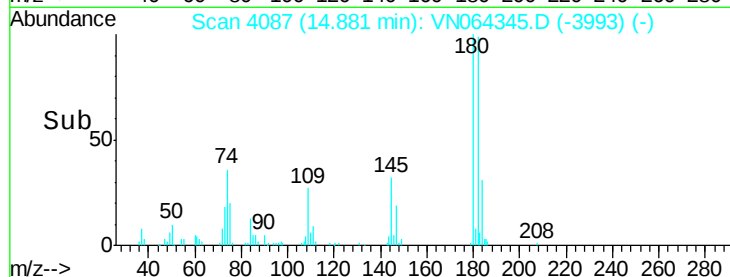
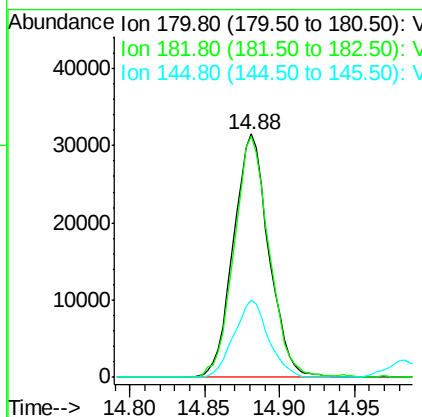
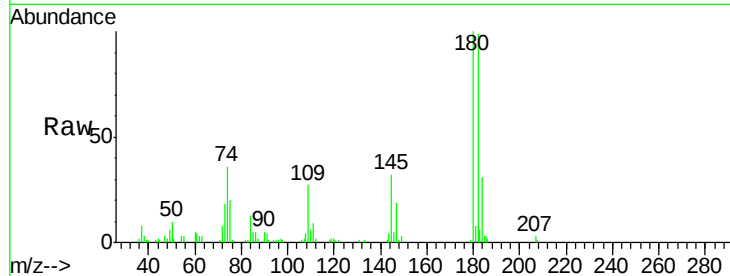
#93
 1,2,4-Trichlorobenzene
 Concen: 18.010 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.2	46.6	139.7
145	30.7	15.3	45.9

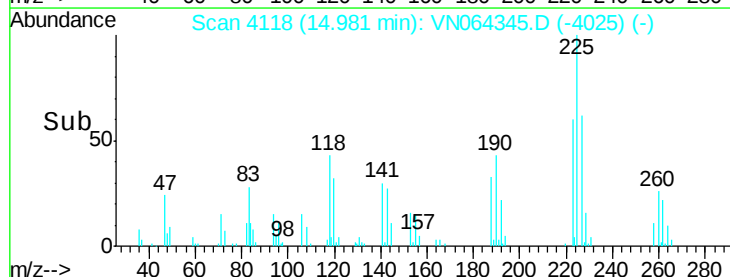
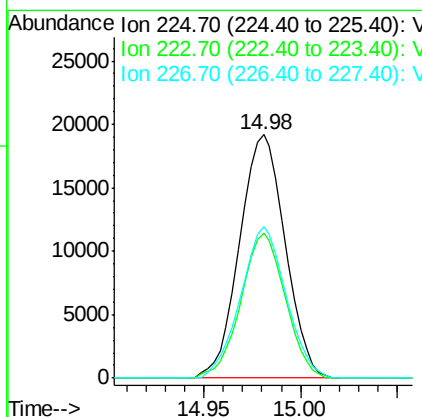
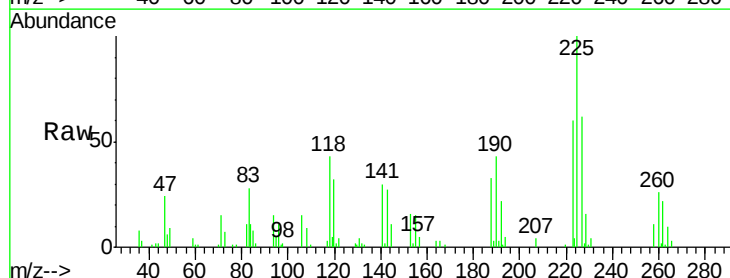
Manual Integrations
 APPROVED

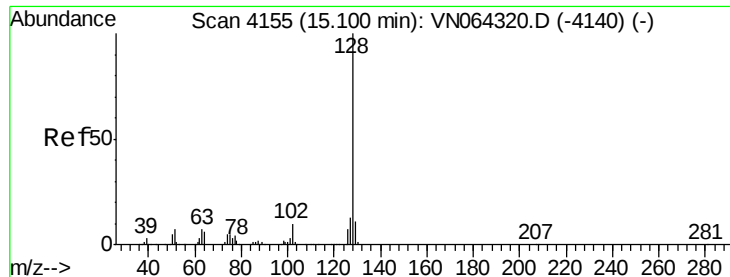
MMDadoda
 10/29/2020 9:49:45 AM



#94
 Hexachlorobutadiene
 Concen: 18.848 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.0	31.3	93.8
227	62.2	32.3	96.9





#95

Naphthalene

Concen: 18.303 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

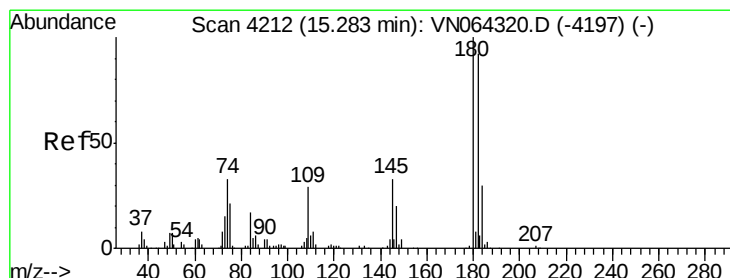
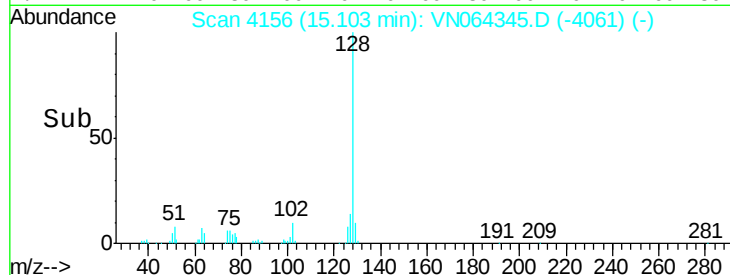
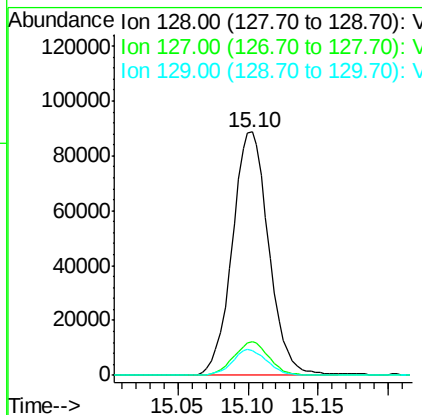
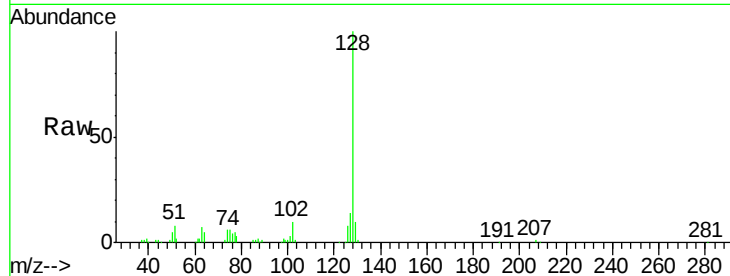
ClientSampleId :

VN1028WBS01

Tot Ion:	128	Resp:	160502
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:49:45 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.477 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion:	180	Resp:	51193
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.1	138.3
145	34.4	16.2	48.5

