

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064282.D
 Acq On : 23 Oct 2020 11:09
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:38:46 PM

Quant Time: Oct 23 12:04:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 11:22:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	50084	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	276059	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	255756	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	128260	30.73	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.43%
60) 4-Bromofluorobenzene	12.37	95	137073	30.10	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.33%
63) Toluene-d8	10.06	98	338674	29.32	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	340921	103.754	ug/l 98
3) Chloromethane	2.04	50	352820	104.580	ug/l 98
4) Vinyl Chloride	2.16	62	351242	106.005	ug/l 95
5) Bromomethane	2.52	94	214233	105.026	ug/l 91
6) Chloroethane	2.67	64	205471	106.524	ug/l 95
7) Trichlorofluoromethane	2.98	101	575178	107.920	ug/l 98
8) Diethyl Ether	3.37	74	190628	105.689	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	287502	102.109	ug/l 86
10) 1,1-Dichloroethene	3.70	96	279173	101.002	ug/l 96
11) Methyl Iodide	3.91	142	421018	106.607	ug/l 98
12) Methyl Acetate	4.28	43	326500	111.001	ug/l 94
13) Acrolein	3.57	56	138800	435.756	ug/l 92
14) Acrylonitrile	4.93	53	643191	544.319	ug/l 99
15) Acetone	3.78	58	192981	576.020	ug/l 97
16) Carbon Disulfide	4.01	76	821842	104.700	ug/l 95
17) Allyl chloride	4.28	41	533102	104.600	ug/l 94
18) Methylene Chloride	4.50	84	324581	102.227	ug/l 94
19) trans-1,2-Dichloroethene	4.99	96	314589	105.426	ug/l 93
20) Diisopropyl ether	5.90	45	1041580	109.406	ug/l 89
21) 1,1-Dichloroethane	5.80	63	619019	106.795	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	365694	105.075	ug/l # 89
23) tert-Butyl Alcohol	4.73	59	289362	524.485	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	966570	105.642	ug/l 96
25) Chloroform	7.33	83	650007	107.235	ug/l 97
26) Cyclohexane	7.61	56	472605	103.028	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	494115	111.510	ug/l 99
30) 2-Butanone	6.78	43	1076307	573.621	ug/l 100
31) 2,2-Dichloropropane	6.78	77	599050	105.837	ug/l 95
32) 1,1,1-Trichloroethane	7.53	97	615325	108.415	ug/l 96
33) Carbon Tetrachloride	7.73	117	568153	110.511	ug/l 95
34) Benzene	8.00	78	1346128	108.905	ug/l # 88
35) Methacrylonitrile	7.13	41	219192	109.823	ug/l 97
36) 1,2-Dichloroethane	8.08	62	570520	111.893	ug/l 98
37) Trichloroethene	8.80	130	370780	109.101	ug/l 98
38) Methylcyclohexane	9.05	83	448008	106.062	ug/l 96
39) 1,2-Dichloropropane	9.08	63	361240	108.855	ug/l 95
40) Dibromomethane	9.17	93	250659	107.876	ug/l 93

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	539962	108.537	ug/l	92
42) Vinyl Acetate	5.84	43	4851498	556.039	ug/l	100
43) Ethyl Acetate	6.88	43	466466m	117.008	ug/l	
44) Isopropyl Acetate	8.13	43	826554	108.151	ug/l	100
45) 1,4-Dioxane	9.16	88	101830	2255.747	ug/l	88
46) Methyl methacrylate	9.16	41	408143	111.262	ug/l	92
47) n-amyl Acetate	12.04	43	740511	109.197	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	618807	110.020	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	634773	109.615	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	330646	107.434	ug/l #	94
51) Ethyl methacrylate	10.40	69	529271	110.150	ug/l	86
52) 1,3-Dichloropropane	10.68	76	582507	109.475	ug/l	100
53) Dibromochloromethane	10.87	129	420799	110.148	ug/l	93
54) 1,2-Dibromoethane	10.98	107	359060	110.231	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	1368547	624.277	ug/l	99
56) Bromoform	12.10	173	303141	113.284	ug/l #	96
58) 4-Methyl-2-Pentanone	9.95	43	2278923	540.155	ug/l	99
59) 2-Hexanone	10.72	43	1683389	537.141	ug/l	99
61) Tetrachloroethene	10.60	164	354645	105.788	ug/l	97
62) Toluene	10.13	91	1501485	106.249	ug/l	100
64) Chlorobenzene	11.41	112	941502	107.194	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	368786	106.529	ug/l	99
66) Ethyl Benzene	11.48	91	1728705	106.729	ug/l	99
67) m/p-Xylenes	11.59	106	1298117	215.131	ug/l	98
68) o-Xylene	11.92	106	623913	106.597	ug/l	94
69) Styrene	11.94	104	1067270	108.131	ug/l	98
70) Isopropylbenzene	12.22	105	1662585	107.772	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	445653	105.168	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	436937m	97.874	ug/l	
73) Bromobenzene	12.50	156	406186	109.602	ug/l	97
74) n-propylbenzene	12.57	91	1923261	108.860	ug/l	99
75) 2-Chlorotoluene	12.65	91	1179793	108.188	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	1414844	107.598	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	187155	107.896	ug/l	93
78) 4-Chlorotoluene	12.75	91	1244719	108.691	ug/l	99
79) tert-butylbenzene	12.97	119	1154304	107.245	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	1434060	107.978	ug/l	100
81) sec-Butylbenzene	13.14	105	1493196	107.411	ug/l	98
82) p-Isopropyltoluene	13.26	119	1379840	106.966	ug/l	96
83) 1,3-Dichlorobenzene	13.26	146	724799	108.318	ug/l	99
84) 1,4-Dichlorobenzene	13.33	146	735651	110.497	ug/l	99
85) n-Butylbenzene	13.59	91	1215235	106.442	ug/l	97
86) Hexachloroethane	13.85	117	238090	107.836	ug/l	95
87) 1,2-Dichlorobenzene	13.63	146	709125	108.632	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	113162	104.369	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	408101	106.015	ug/l	92
90) Hexachlorobutadiene	14.98	225	211949	106.376	ug/l	99
91) Naphthalene	15.10	128	1218716	104.277	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	389949	105.615	ug/l	98

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC100

Manual Integrations
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QLast Update : Fri Oct 23 11:22:09 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

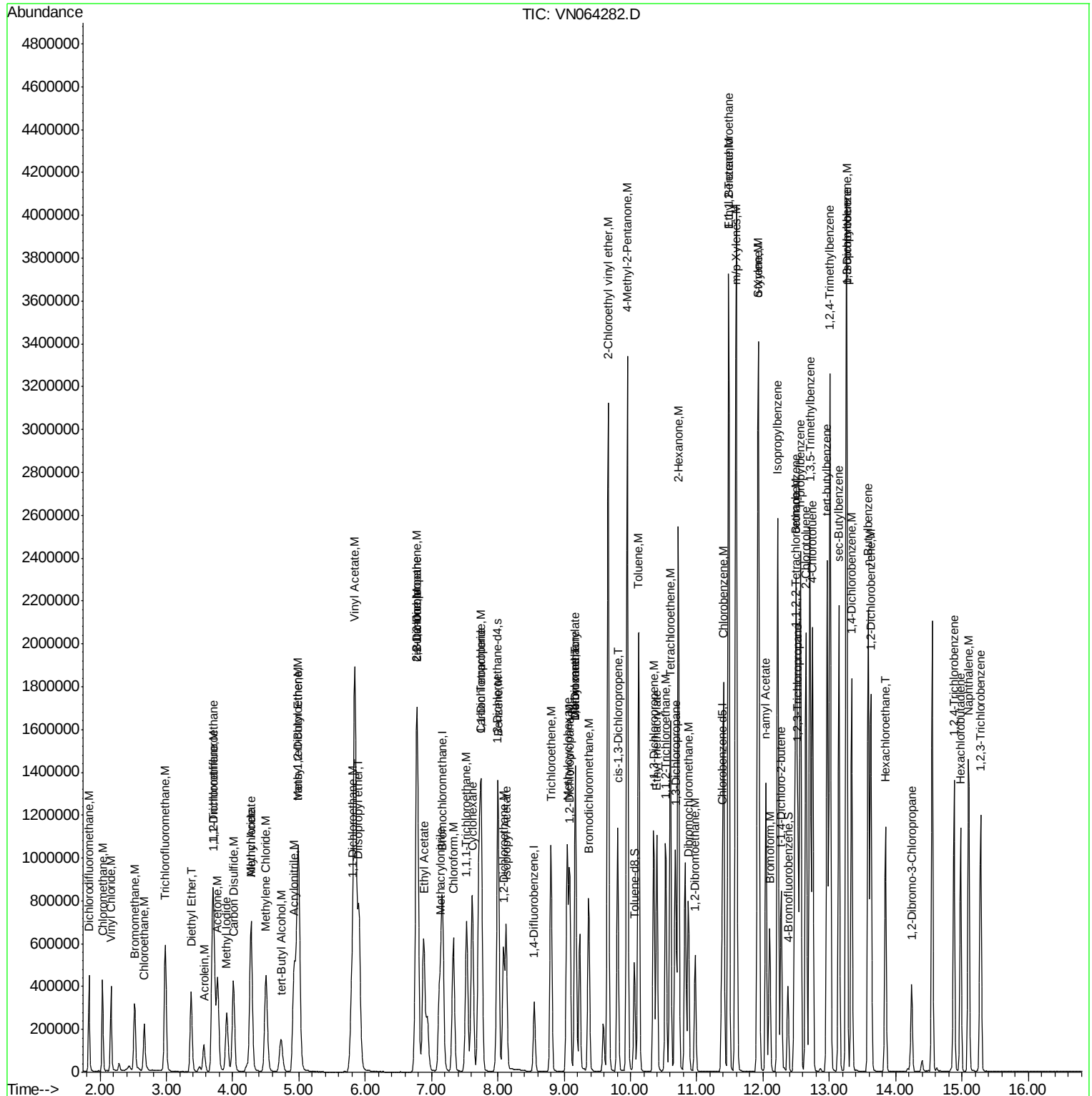
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Data File : VN064282.D
Acq On : 23 Oct 2020 11:09
Operator : JC/MD
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ALS Vial : 5 Sample Multiplier: 1

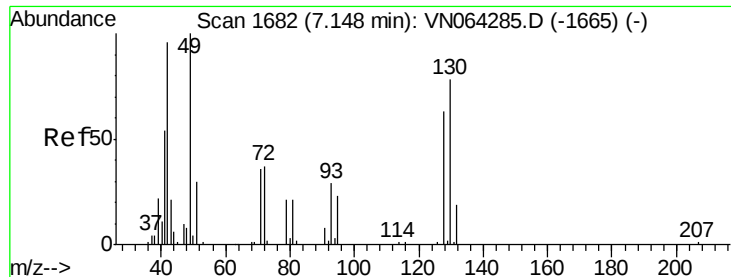
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

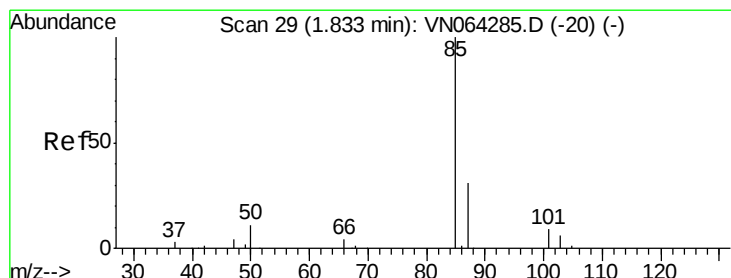
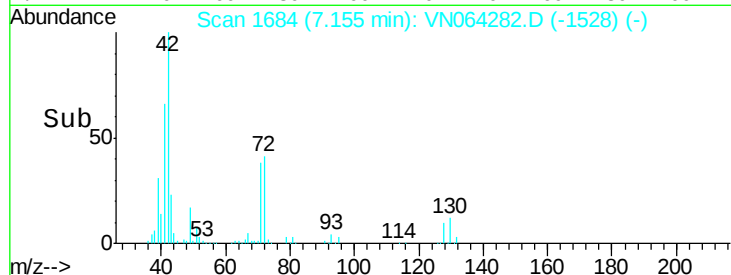
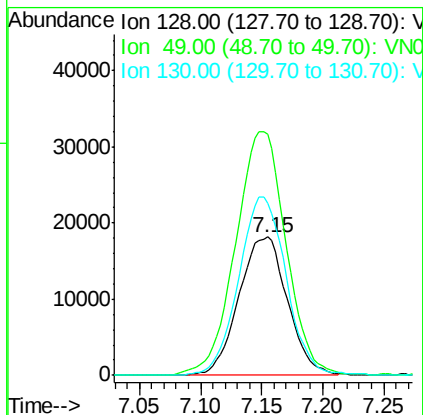
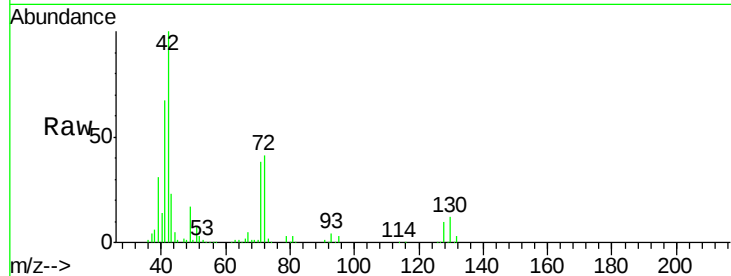
ClientSampleId :

VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	182.7	0.0	445.0
130	125.4	0.0	320.2

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 103.754 ug/l

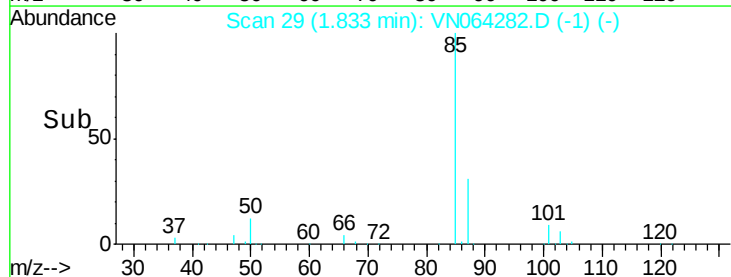
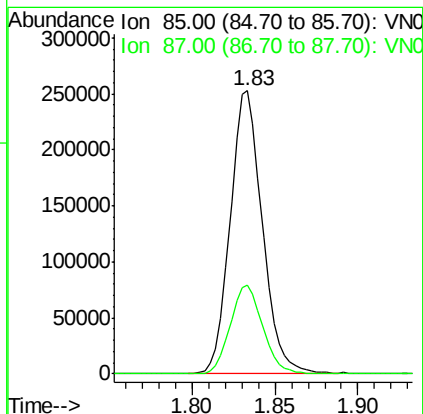
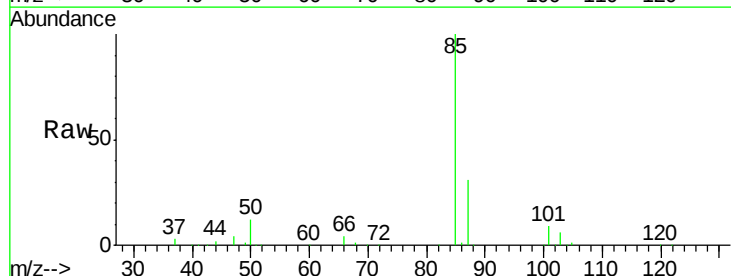
RT: 1.83 min Scan# 29

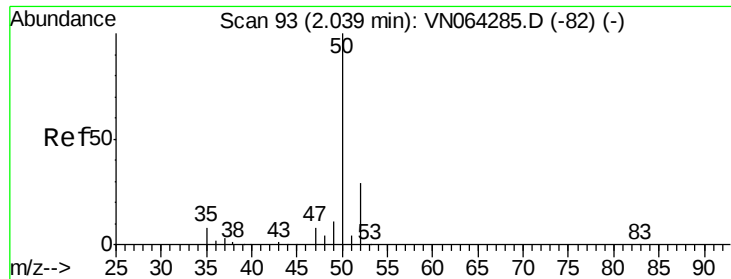
Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.4	49.2





#3

Chloromethane

Concen: 104.580 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 352820

Ion Ratio Lower Upper

50 100

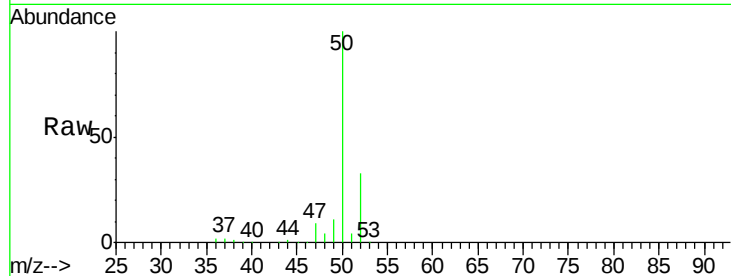
52 32.8 27.1 40.7

Manual Integrations

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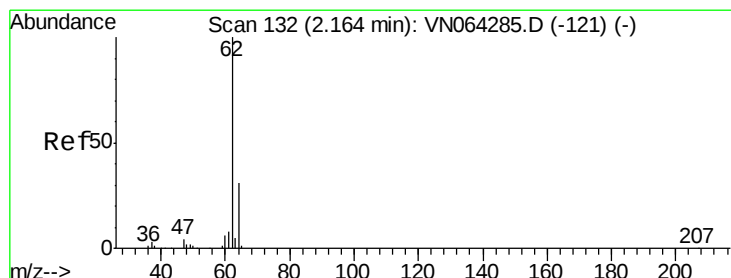
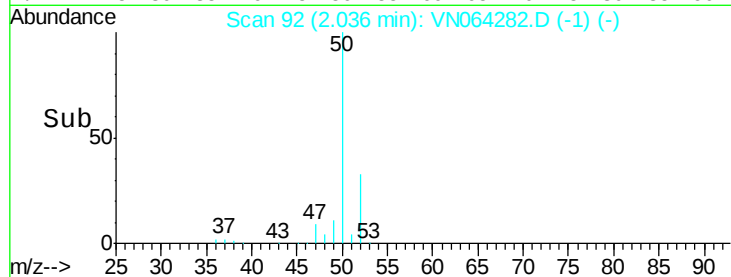
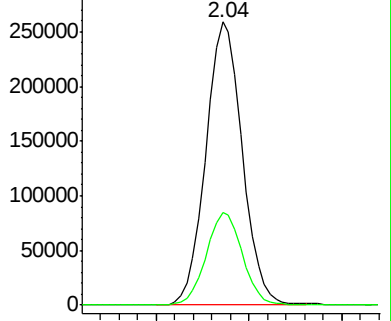
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 106.005 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064282.D

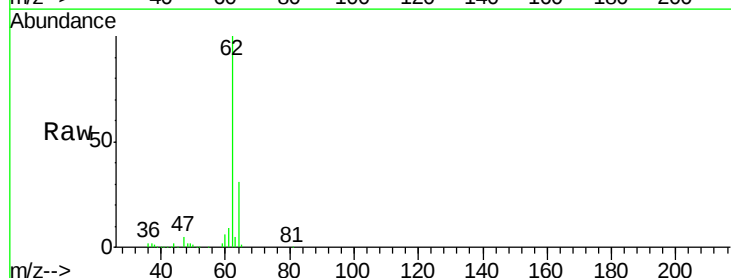
Acq: 23 Oct 2020 11:09

Tgt Ion: 62 Resp: 351242

Ion Ratio Lower Upper

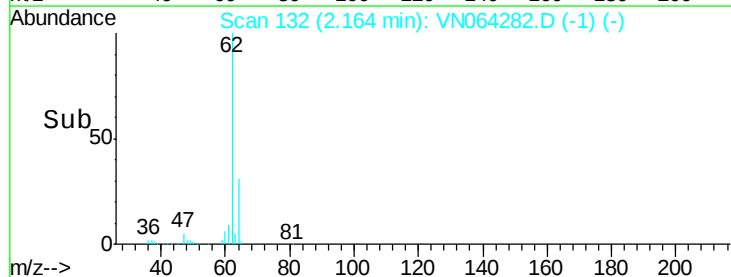
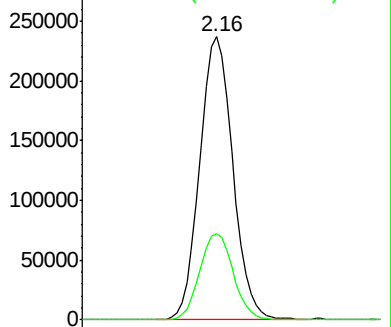
62 100

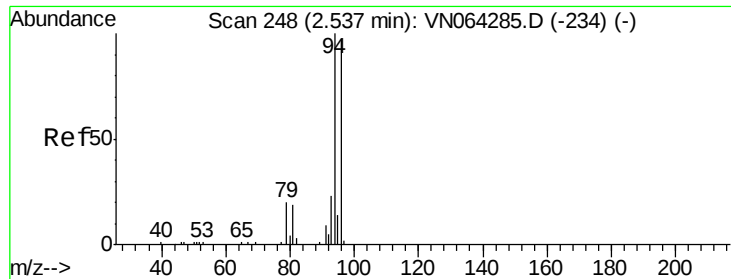
64 30.6 26.6 39.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 105.026 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.02 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 214233

Ion Ratio Lower Upper

94 100

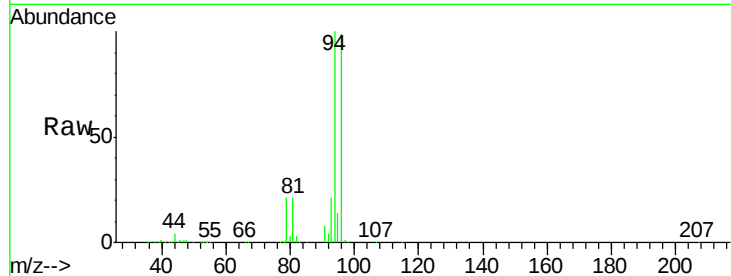
96 99.1 72.4 108.6

Manual Integrations

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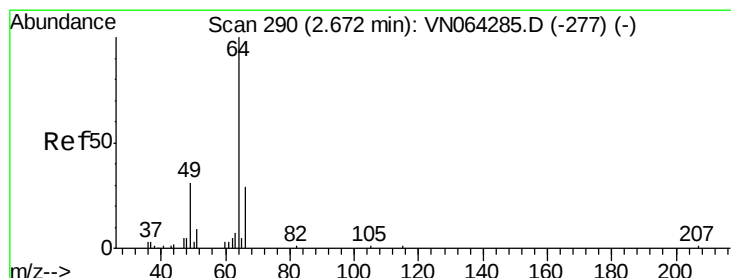
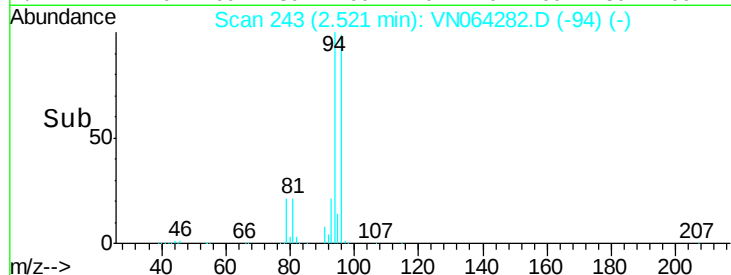
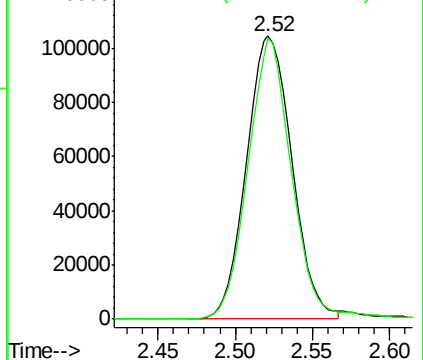
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 106.524 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064282.D

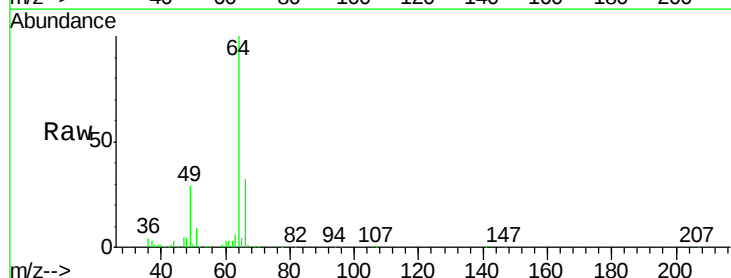
Acq: 23 Oct 2020 11:09

Tgt Ion: 64 Resp: 205471

Ion Ratio Lower Upper

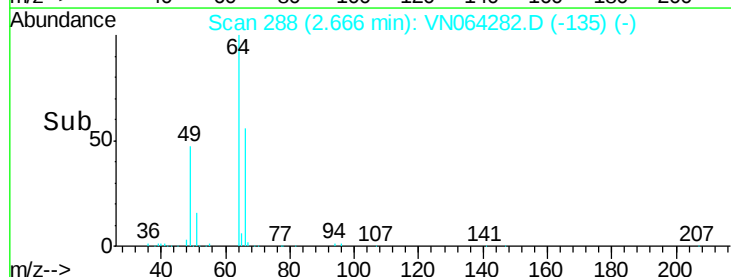
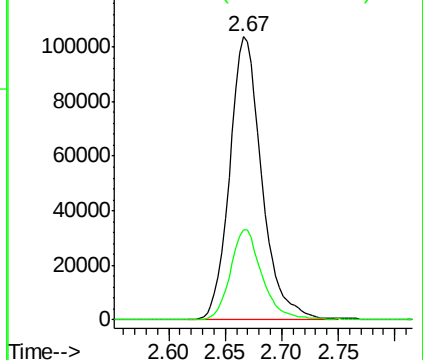
64 100

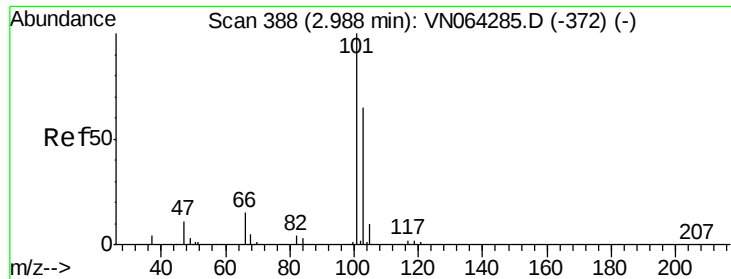
66 31.9 23.4 35.2



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

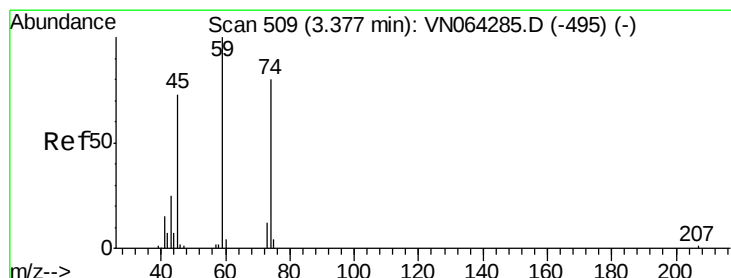
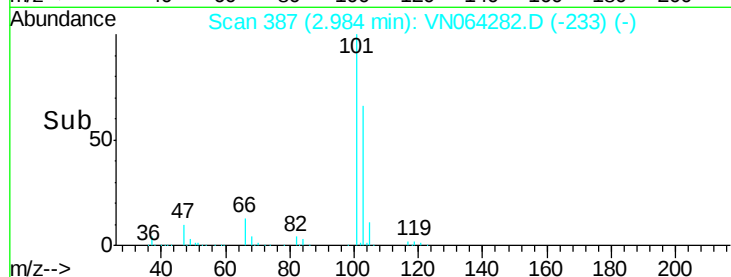
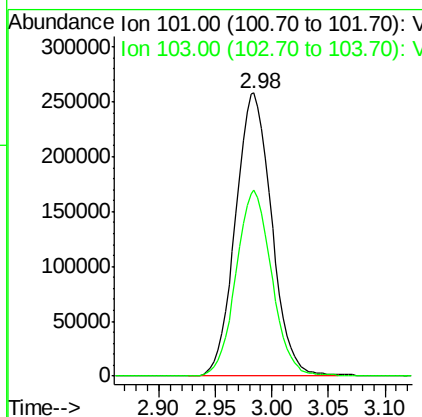
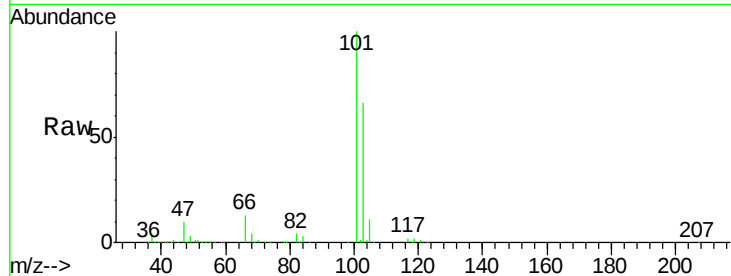
Trichlorofluoromethane
Concen: 107.920 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.4	77.0

Manual Integrations
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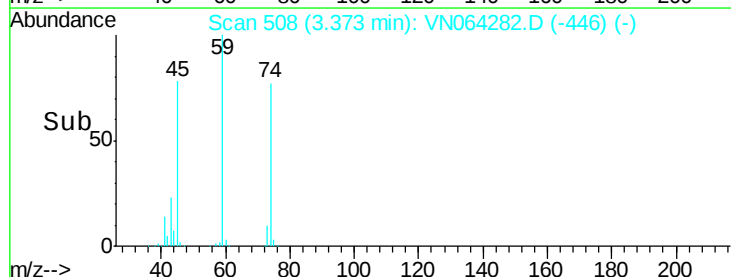
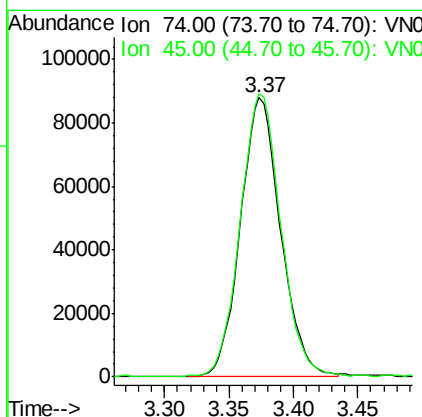
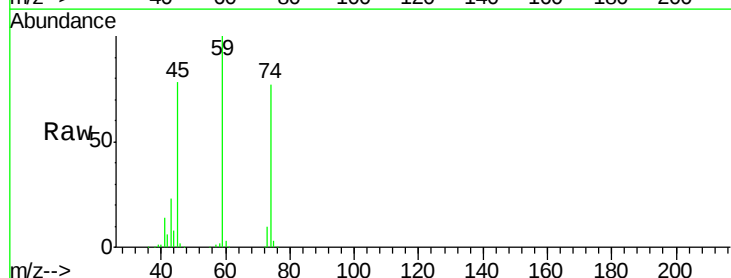
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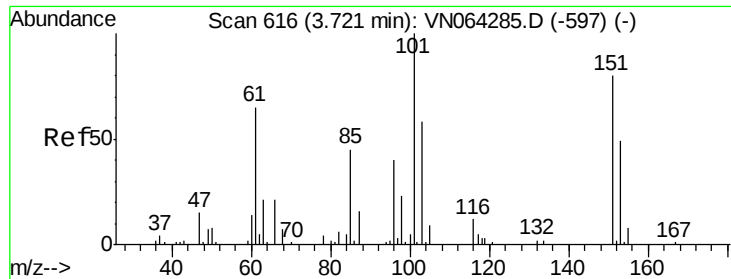


#8

Diethyl Ether
Concen: 105.689 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	21.3	191.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.109 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN064282.D

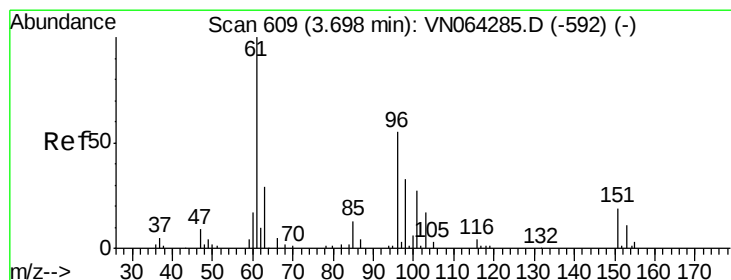
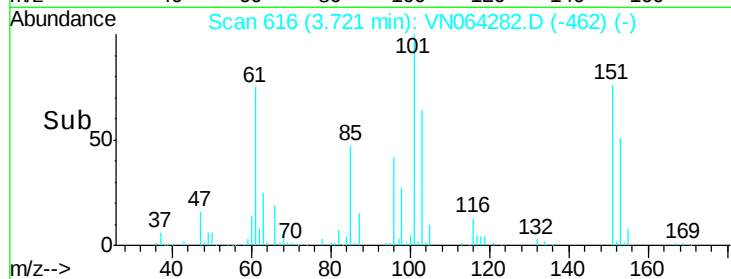
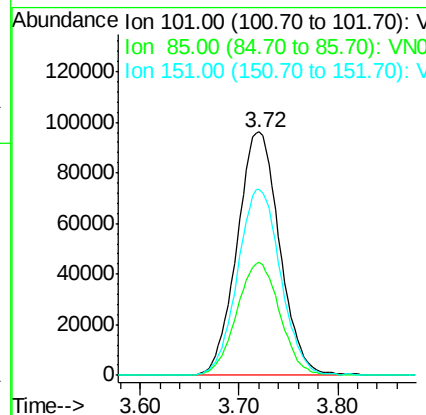
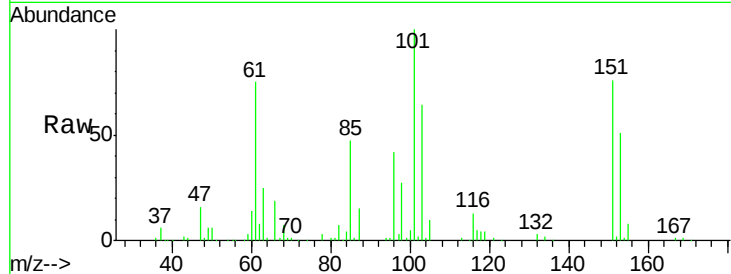
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	287502		
85	47.2	0.0	47.4	
151	77.2	0.0	148.4	

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#10

1,1-Dichloroethene

Concen: 101.002 ug/l

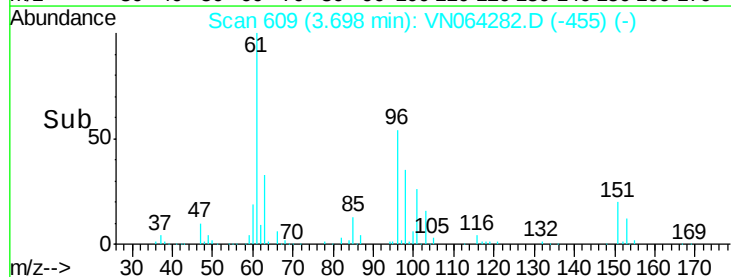
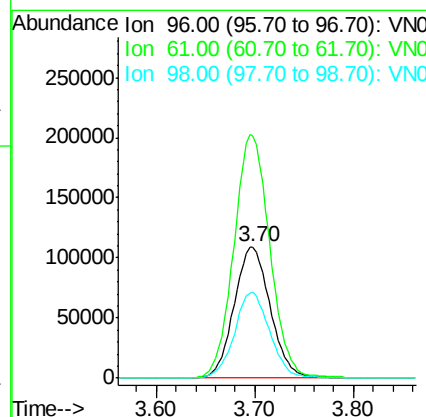
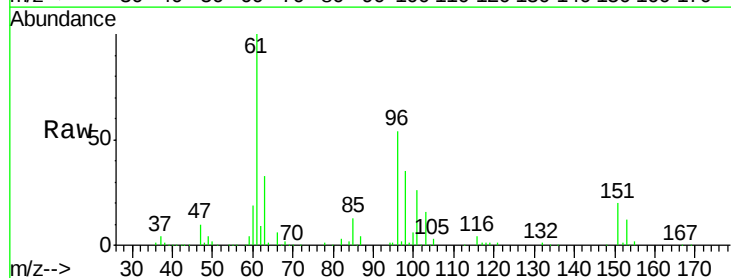
RT: 3.70 min Scan# 609

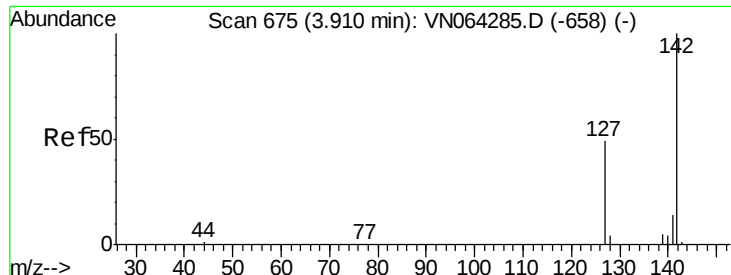
Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	279173		
61	184.6	144.2	216.4	
98	65.2	47.4	71.0	





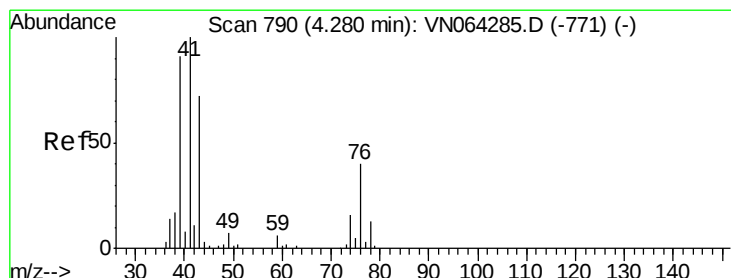
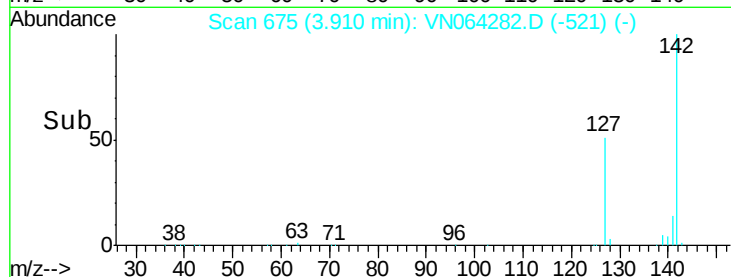
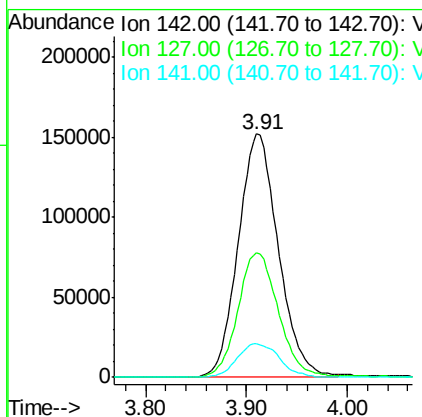
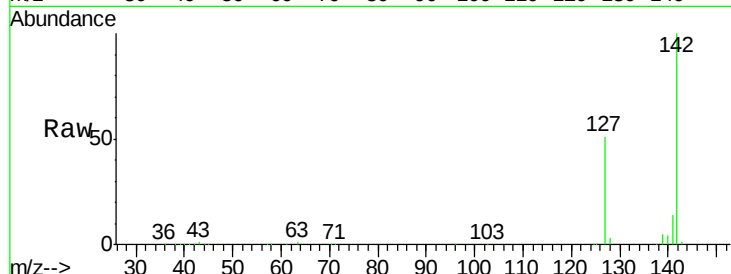
#11
Methvl Iodide
Concen: 106.607 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	51.1	25.9	77.8
141	14.0	7.5	22.6

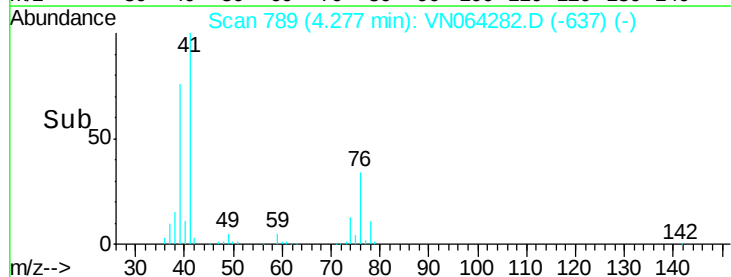
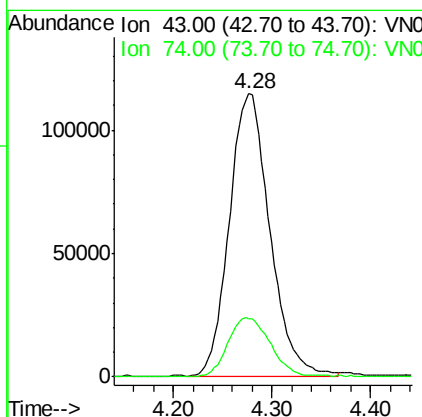
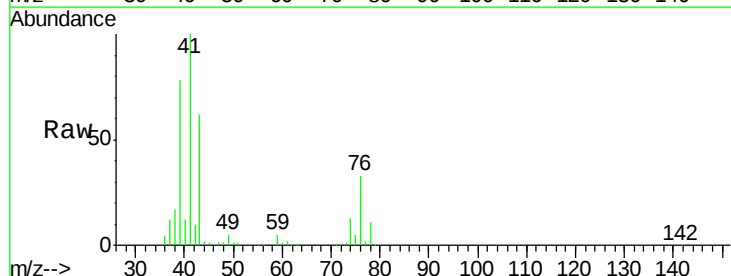
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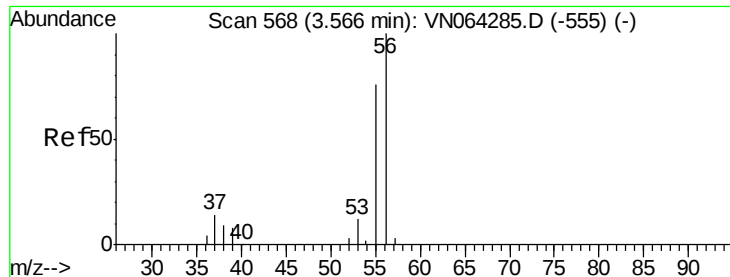
MMDadoda
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#12
Methyl Acetate
Concen: 111.001 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	19.0	28.6





#13

Acrolein

Concen: 435.756 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 138800

Ion Ratio Lower Upper

56 100

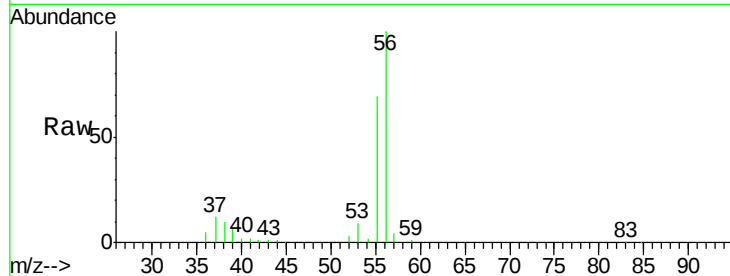
55 69.8 61.0 91.6

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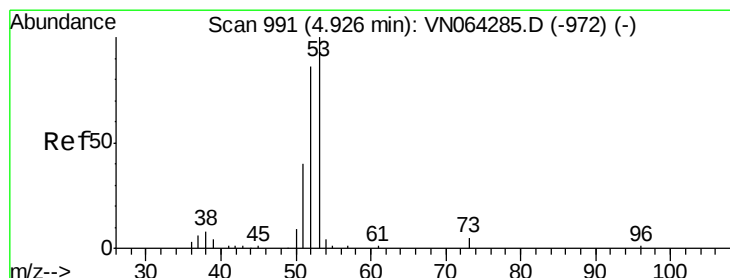
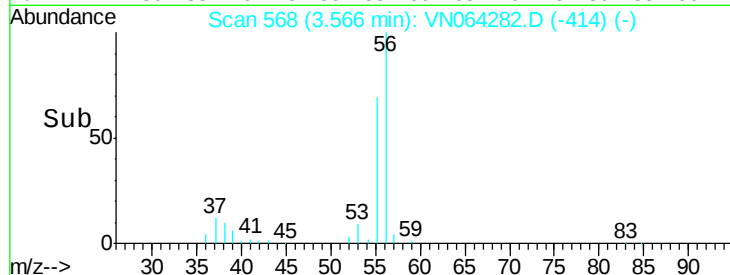
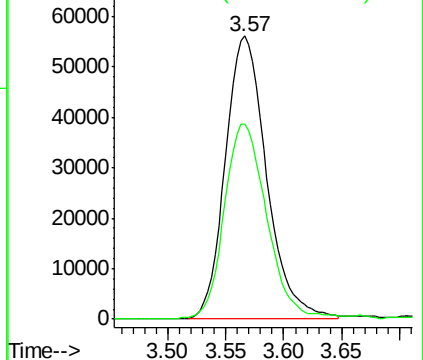
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 544.319 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

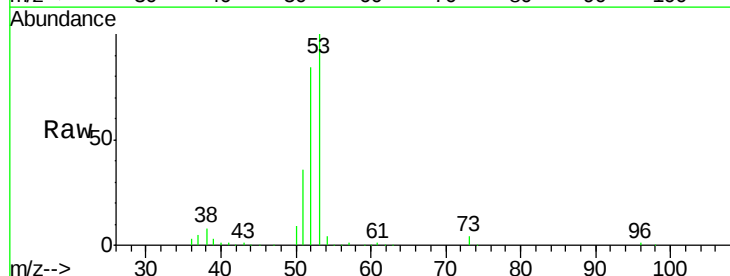
Tgt Ion: 53 Resp: 643191

Ion Ratio Lower Upper

53 100

52 84.5 41.7 125.1

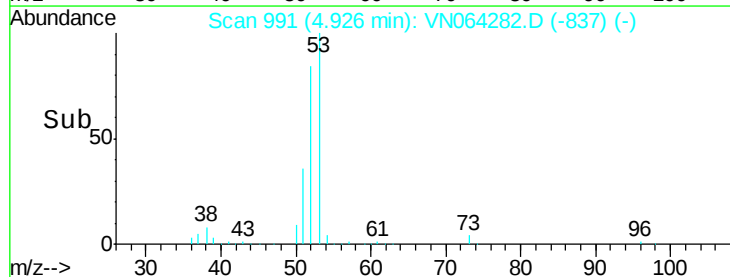
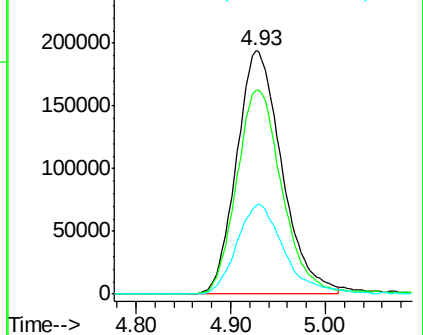
51 38.6 18.9 56.7

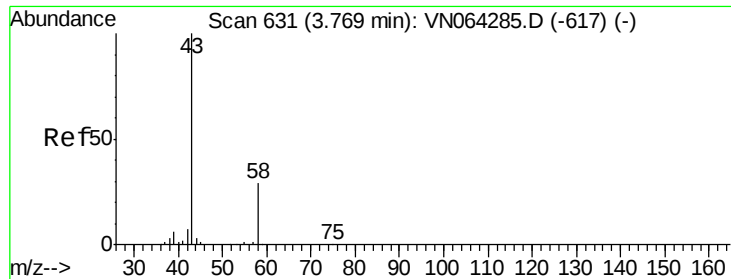


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 576.020 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 58 Resp: 192981

Ion Ratio Lower Upper

58 100

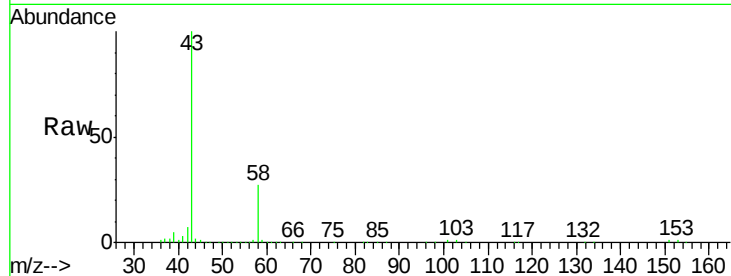
43 364.0 297.4 446.0

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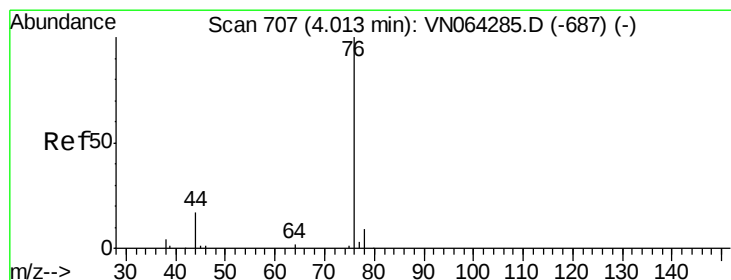
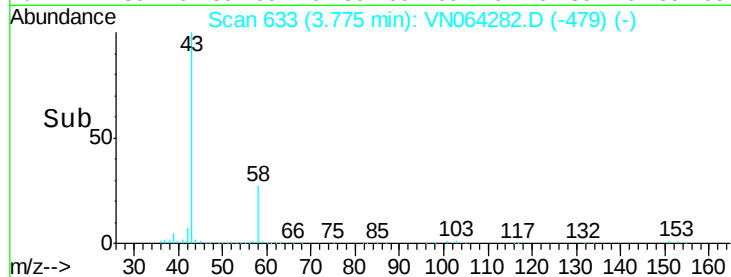
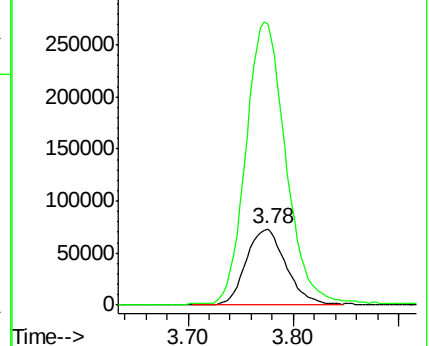
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 104.700 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064282.D

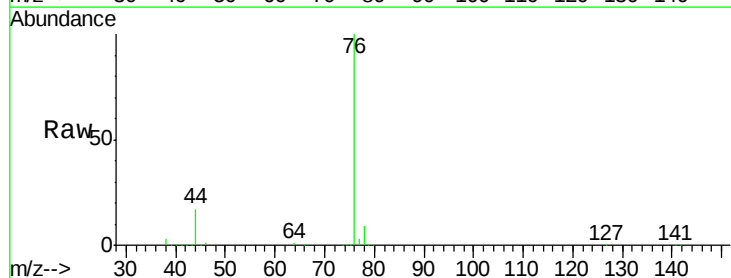
Acq: 23 Oct 2020 11:09

Tgt Ion: 76 Resp: 821842

Ion Ratio Lower Upper

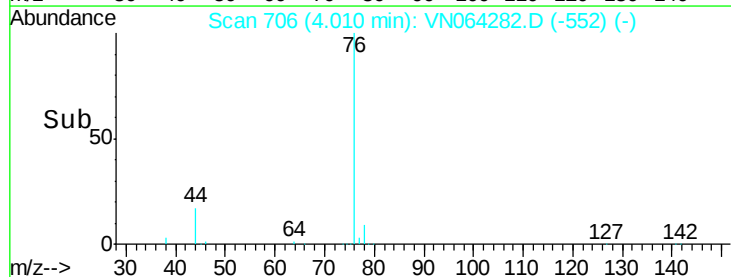
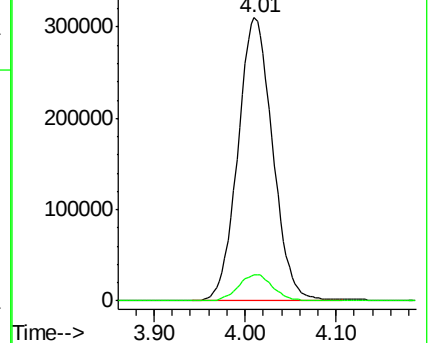
76 100

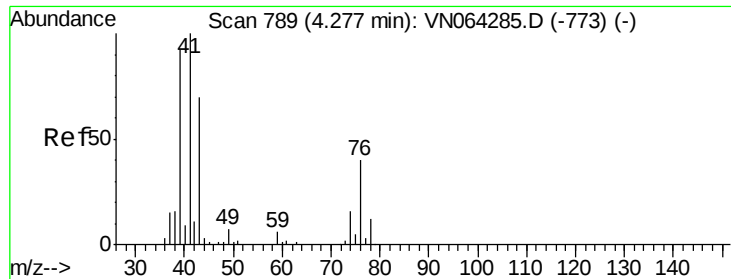
78 9.1 9.0 13.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allvl chloride

Concen: 104.600 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

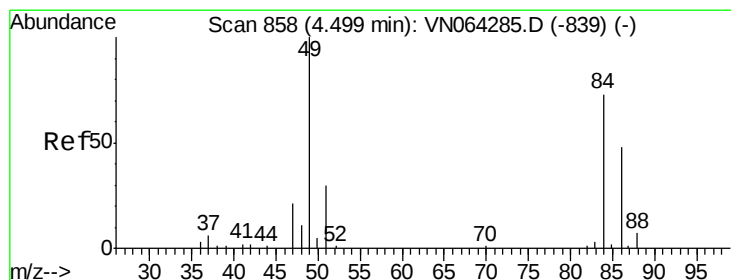
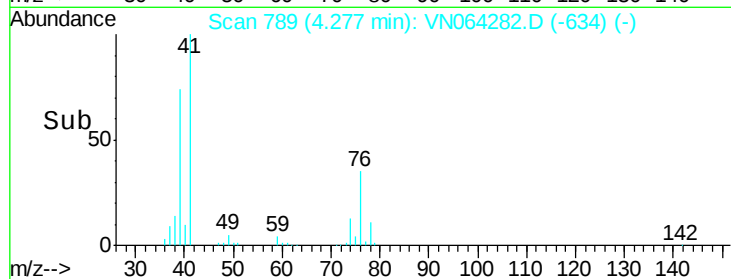
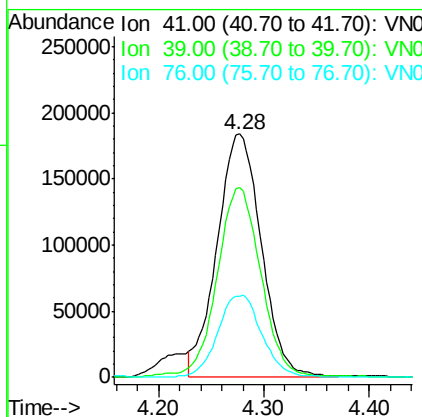
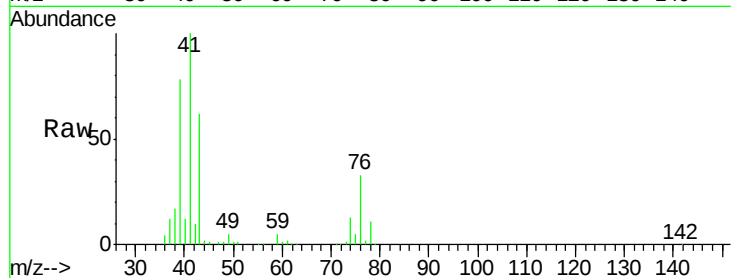
ClientSampleId :

VSTDIC100

Tot Ion:	41	Resp:	533102
Ion	Ratio	Lower	Upper
41	100		
39	78.0	39.9	119.6
76	33.4	21.4	64.2

Manual Integrations
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#18

Methylene Chloride

Concen: 102.227 ug/l

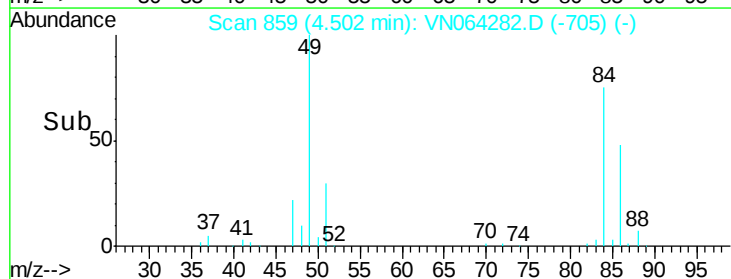
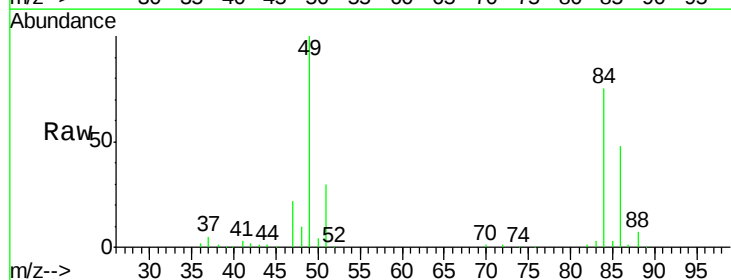
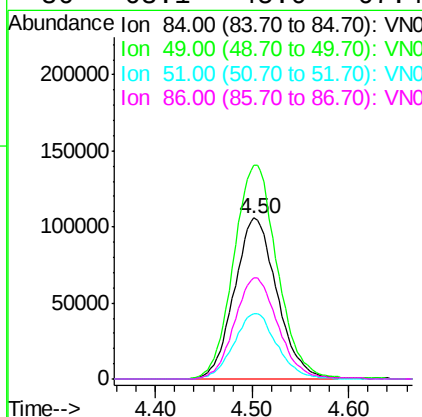
RT: 4.50 min Scan# 859

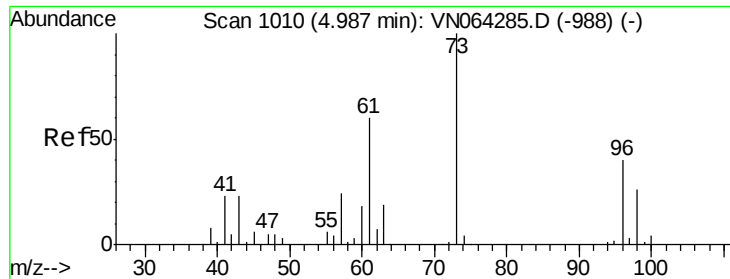
Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Tgt Ion:	84	Resp:	324581
Ion	Ratio	Lower	Upper
84	100		
49	132.4	101.1	151.7
51	40.2	33.4	50.0
86	63.1	45.0	67.4





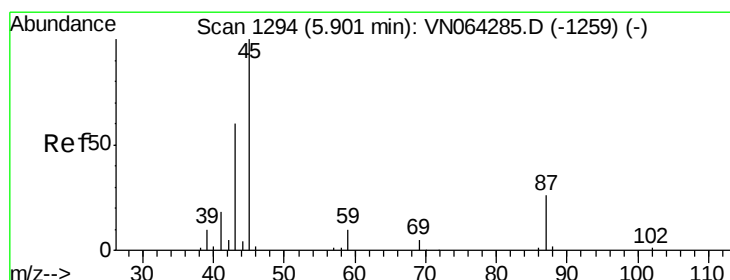
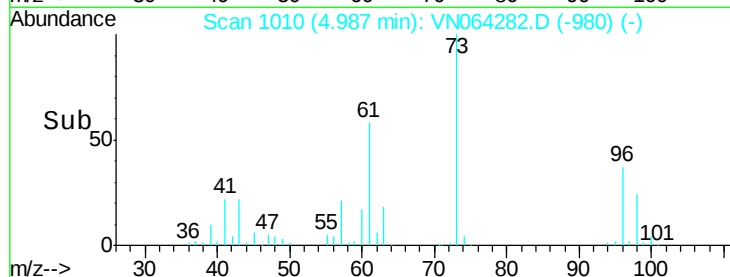
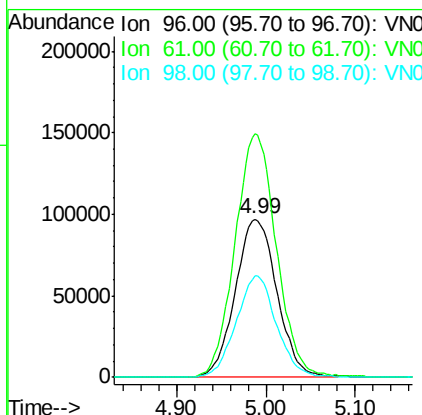
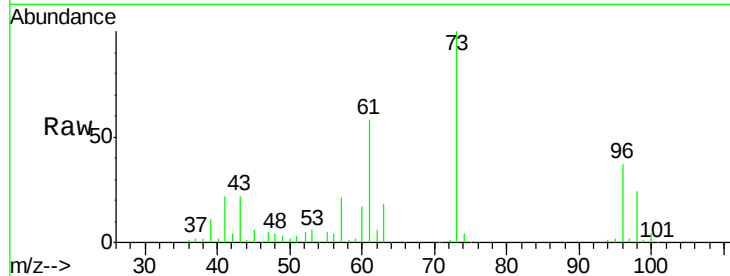
#19
trans-1,2-Dichloroethene
Concen: 105.426 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.7	114.2	171.2
98	63.9	52.8	79.2

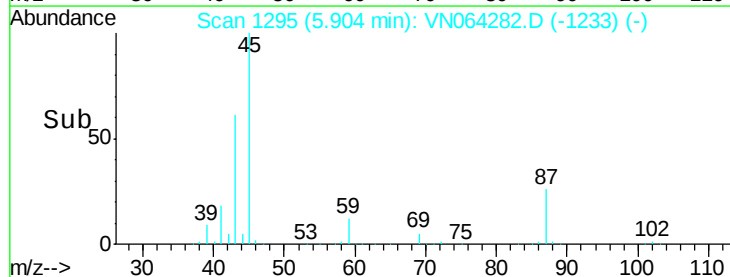
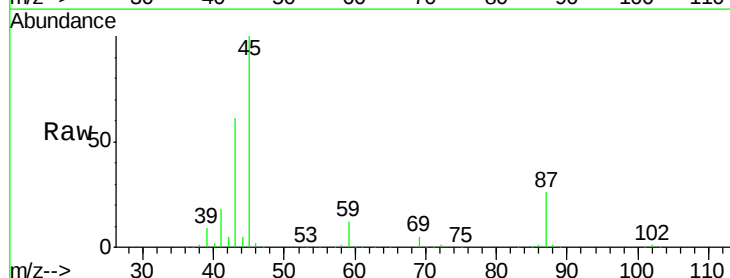
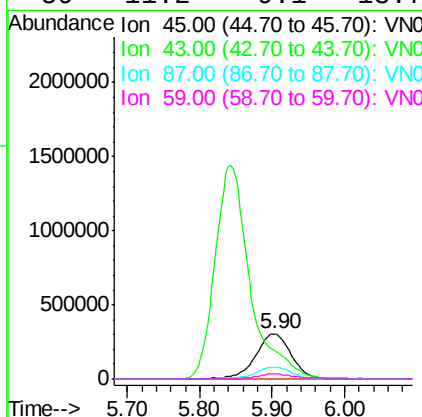
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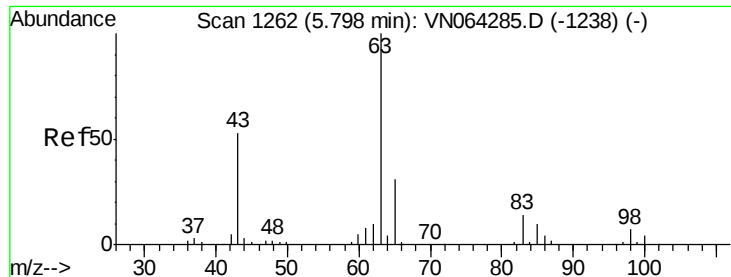
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#20
Diisopropyl ether
Concen: 109.406 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.4	58.9	88.3
87	26.0	21.0	31.4
59	11.2	9.1	13.7





#21

1,1-Dichloroethane

Concen: 106.795 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

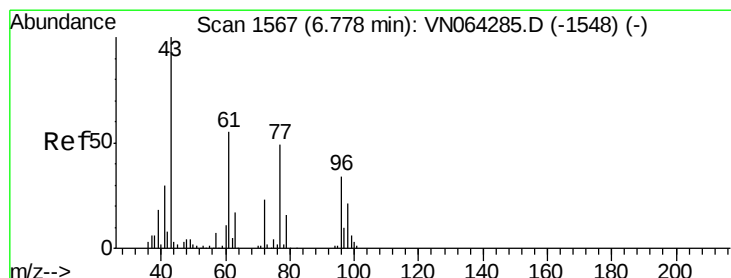
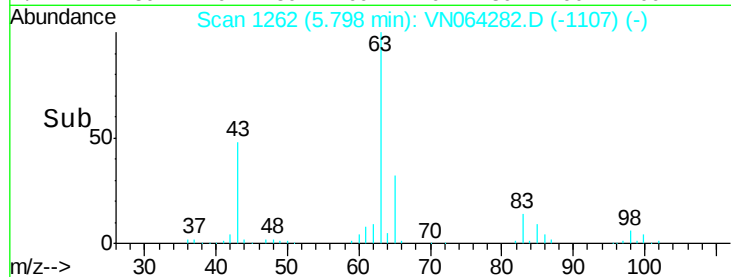
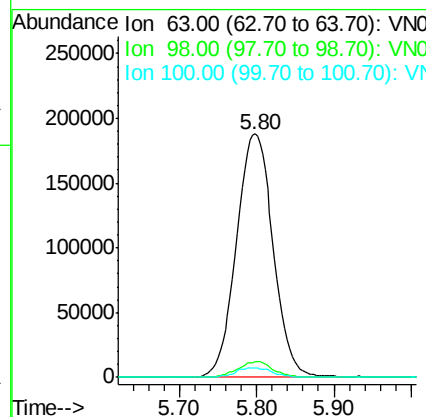
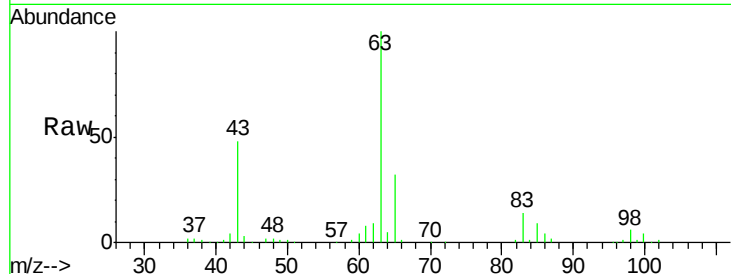
ClientSampleId :

VSTDIC100

Tot Ion	63	Resp	619019
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.5	10.6
100	3.8	1.6	4.7

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#22

cis-1,2-Dichloroethene

Concen: 105.075 ug/l

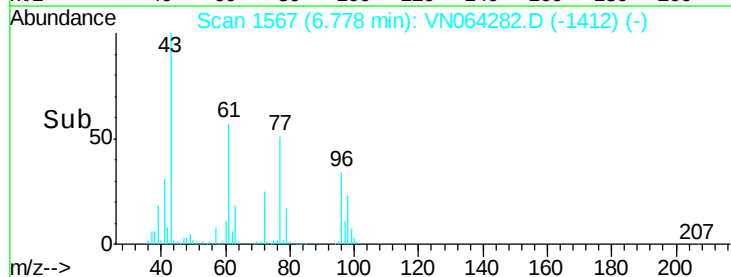
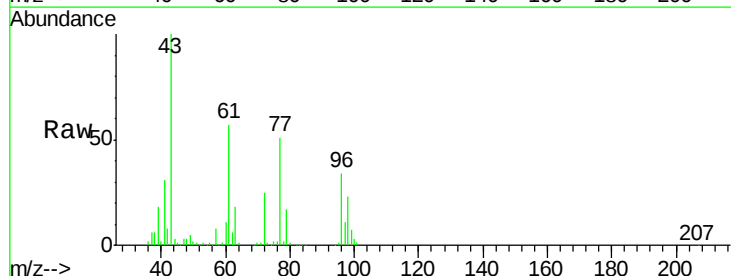
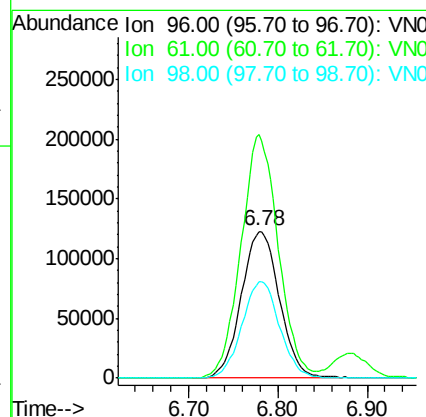
RT: 6.78 min Scan# 1567

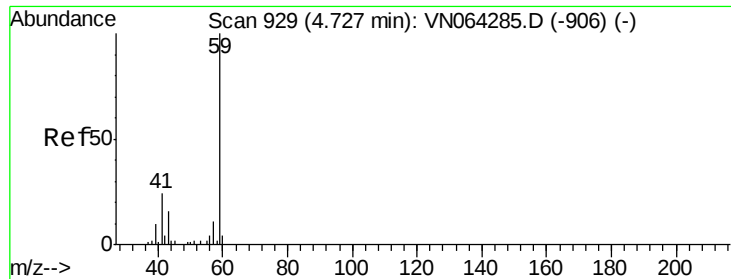
Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Tgt Ion	96	Resp	365694
Ion	Ratio	Lower	Upper
96	100		
61	161.8	132.2	198.2
98	64.7	26.5	39.7#





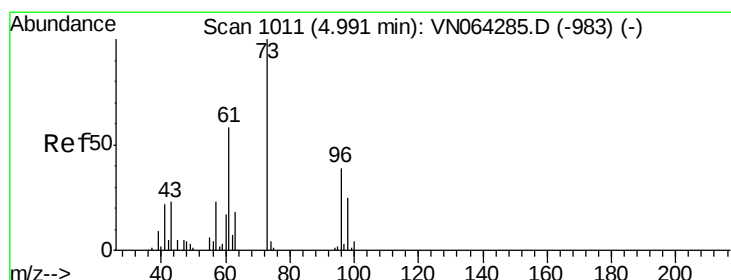
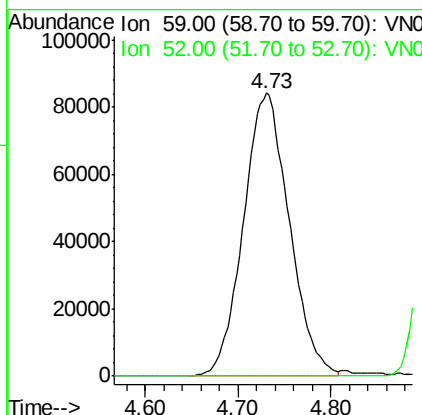
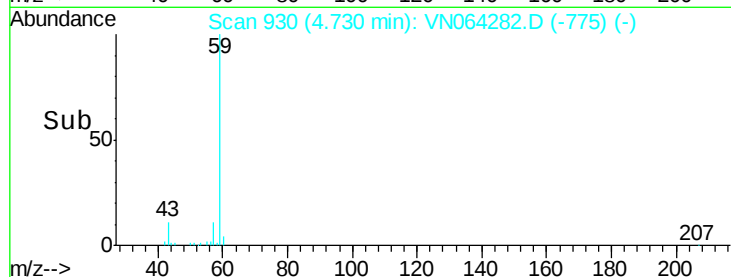
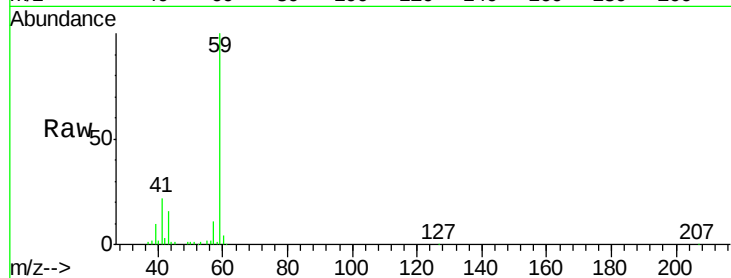
#23
tert-Butyl Alcohol
Concen: 524.485 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 289362
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#

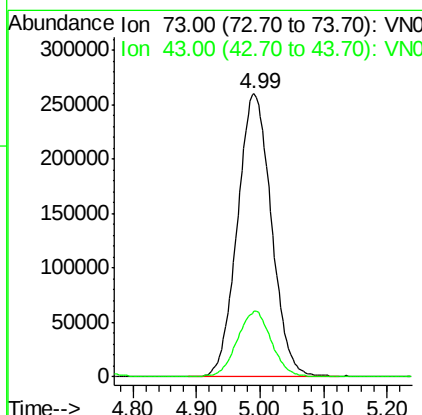
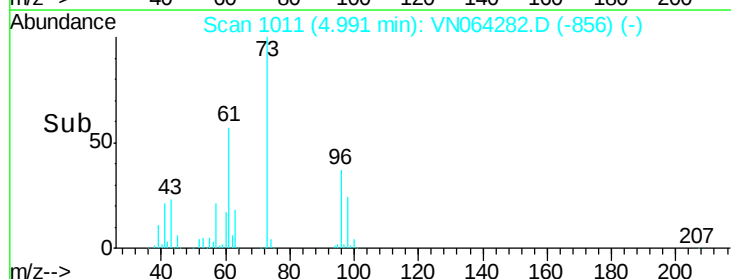
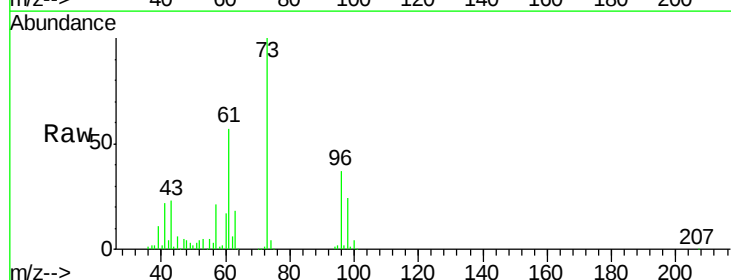
Manual Integrations
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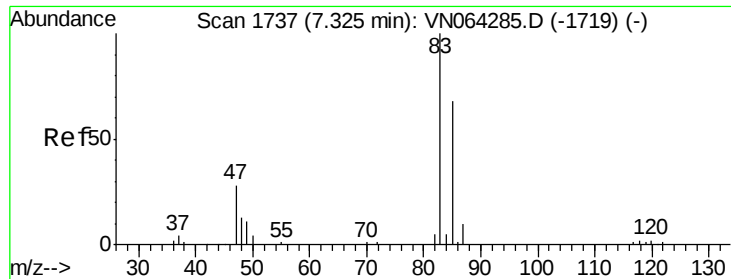
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#24
Methyl tert-Butyl Ether
Concen: 105.642 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion: 73 Resp: 966570
Ion Ratio Lower Upper
73 100
43 22.8 19.7 29.5





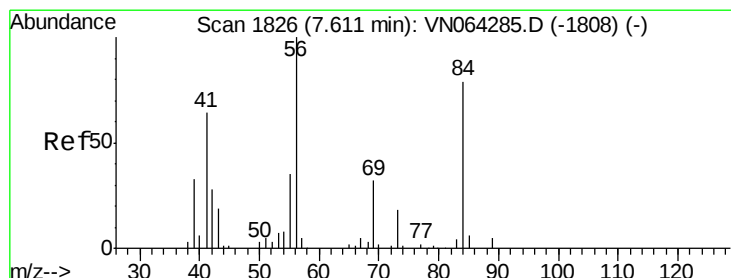
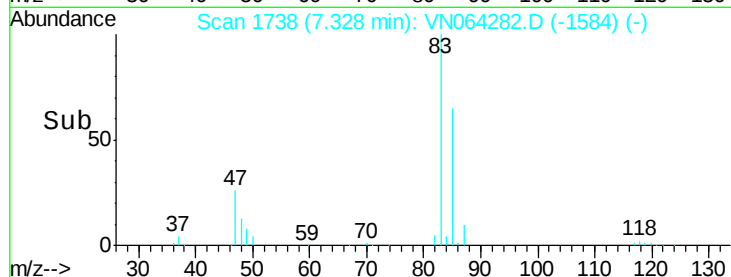
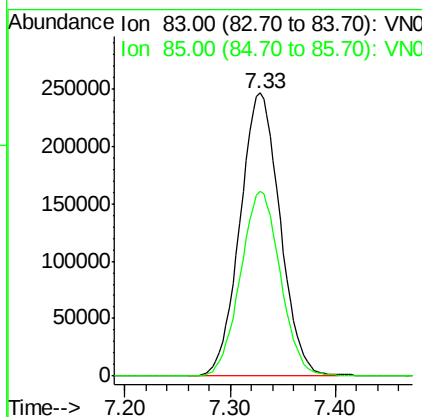
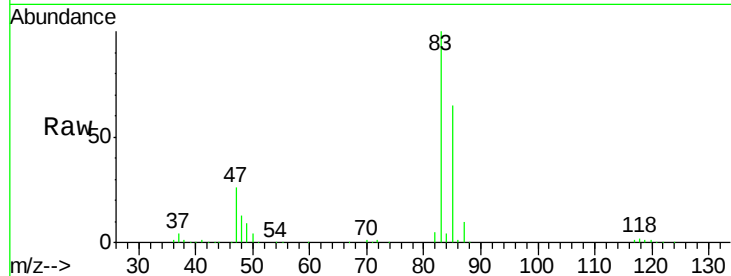
#25
Chloroform
Concen: 107.235 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	650007
Ion Ratio	100	Lower	Upper
83	100		
85	65.5	50.3	75.5

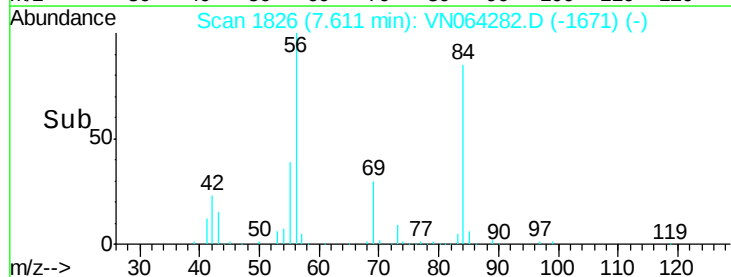
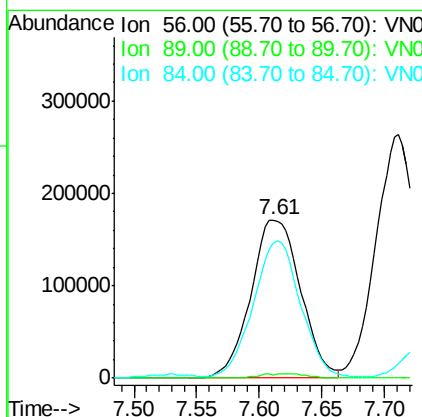
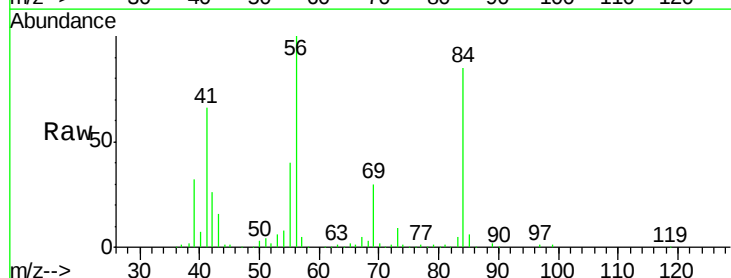
Manual Integrations
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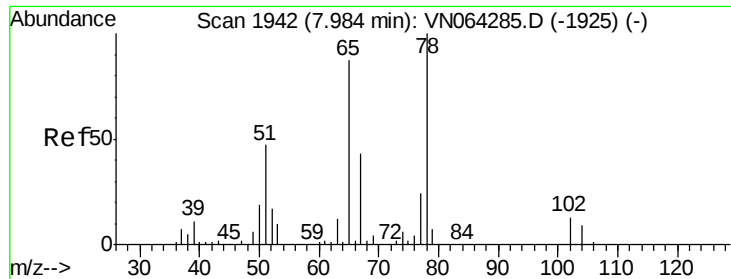
MMDadoda
10/26/2020 1:38:46 PM



#26
Cyclohexane
Concen: 103.028 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	56	Resp	472605
Ion Ratio	100	Lower	Upper
56	100		
89	1.0	3.4	5.2#
84	83.1	66.2	99.2





#27

1,2-Dichloroethane-d4

Concen: 30.725 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 128260

Ion Ratio Lower Upper

65 100

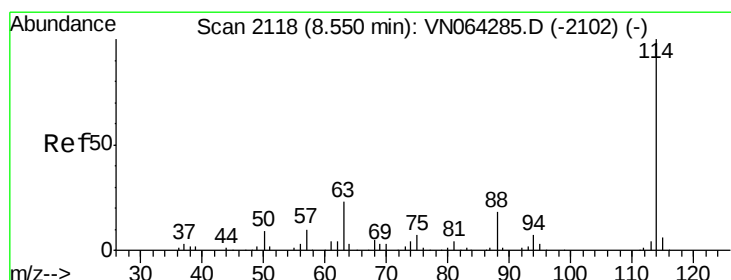
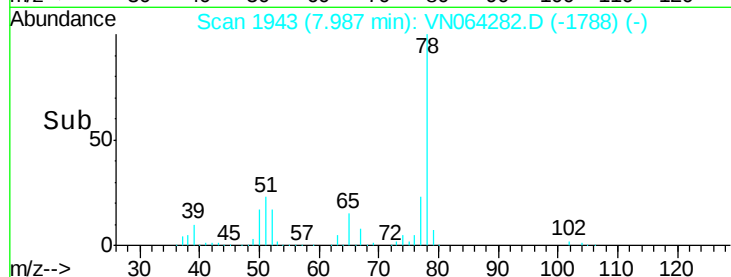
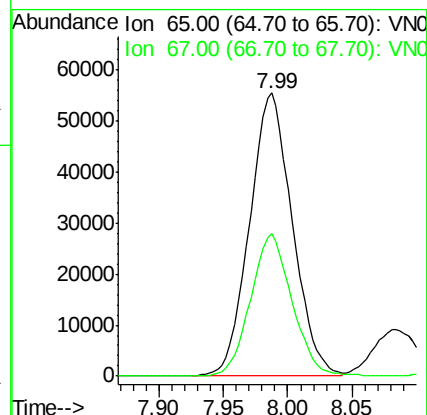
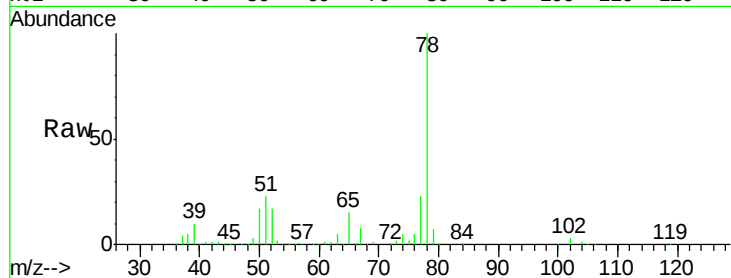
67 48.5 38.4 57.6

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

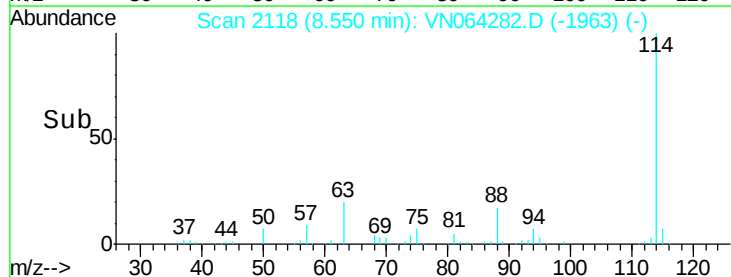
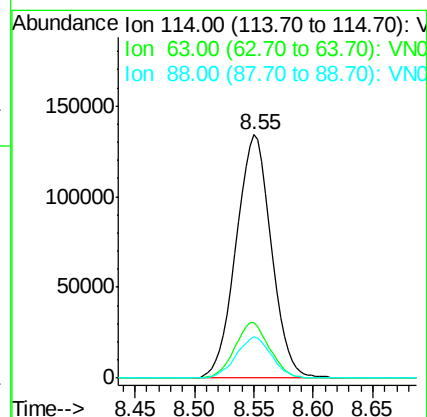
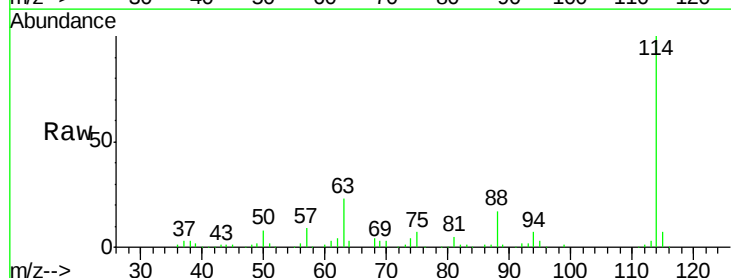
Tgt Ion: 114 Resp: 276059

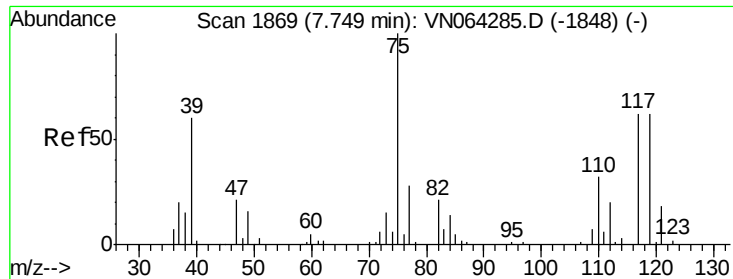
Ion Ratio Lower Upper

114 100

63 22.5 17.8 26.8

88 17.0 13.8 20.8





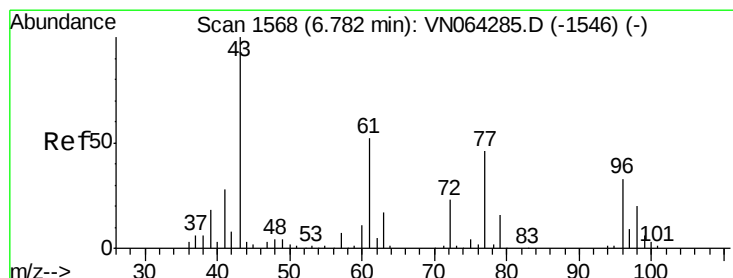
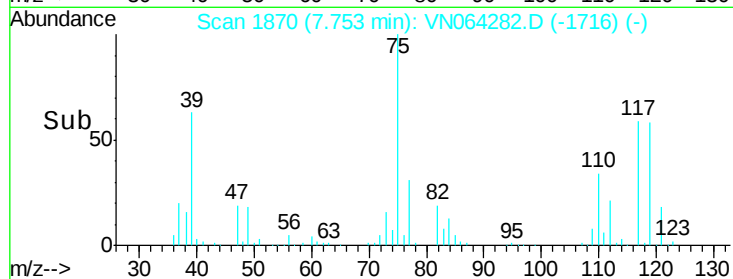
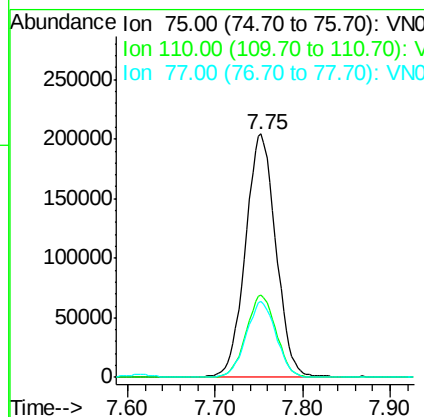
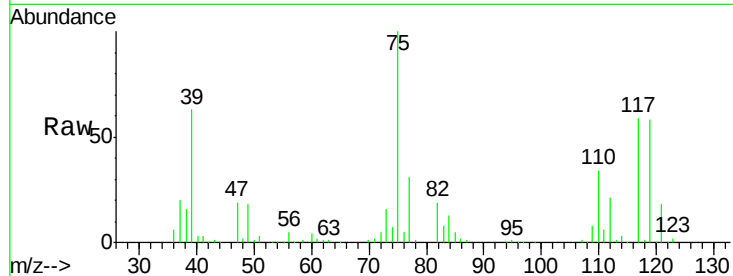
#29
 1,1-Dichloropropene
 Concen: 111.510 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
75	100	494115		
110	33.2	0.0	66.2	
77	30.8	0.0	64.4	

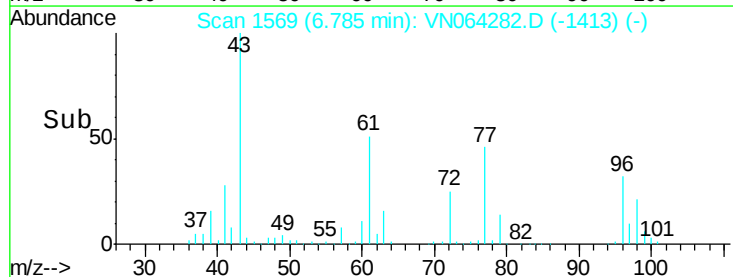
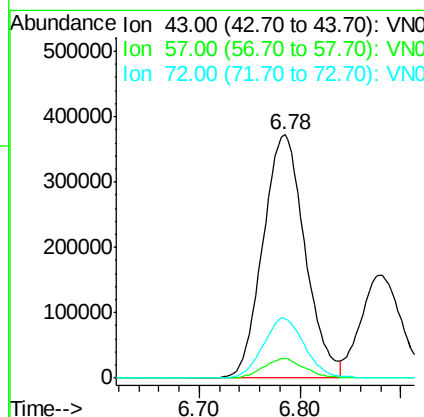
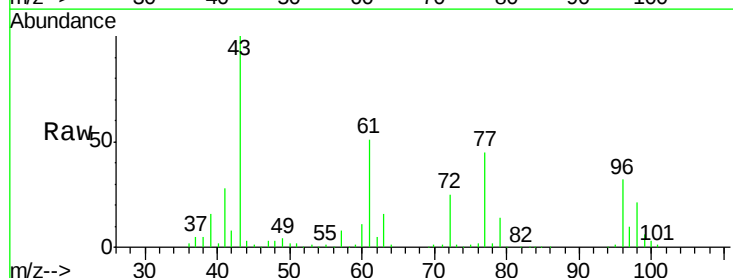
Manual Integrations
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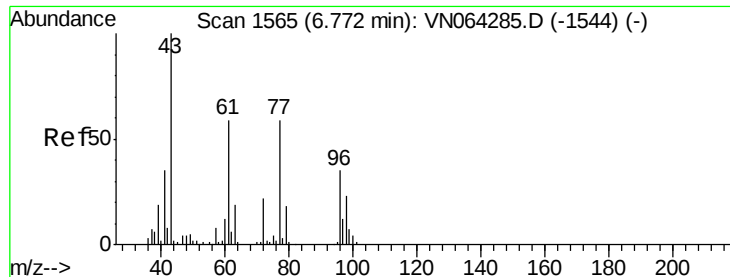
MMDadoda
 10/26/2020 1:38:46 PM



#30
 2-Butanone
 Concen: 573.621 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1076307		
57	8.0	6.4	9.6	
72	24.4	19.4	29.0	





#31

2,2-Dichloropropane

Concen: 105.837 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 77 Resp: 599050

Ion Ratio Lower Upper

77 100

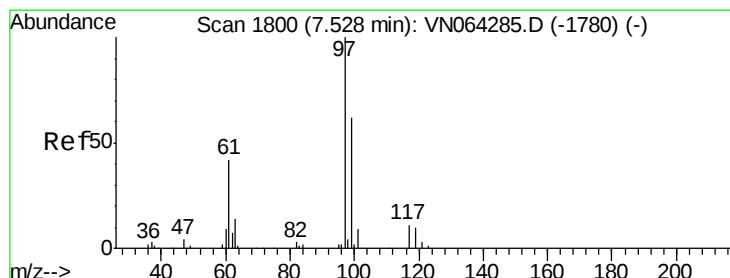
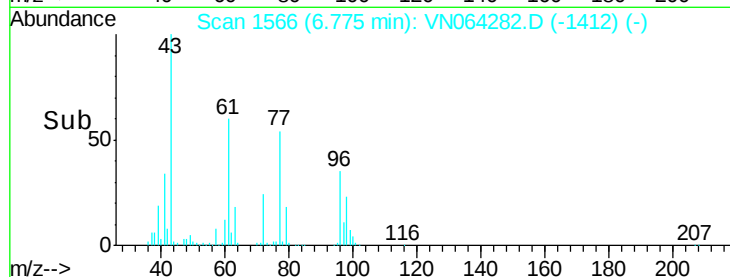
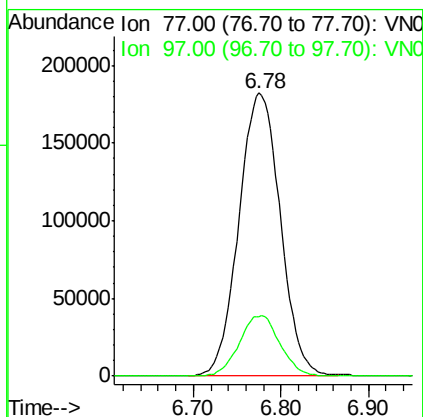
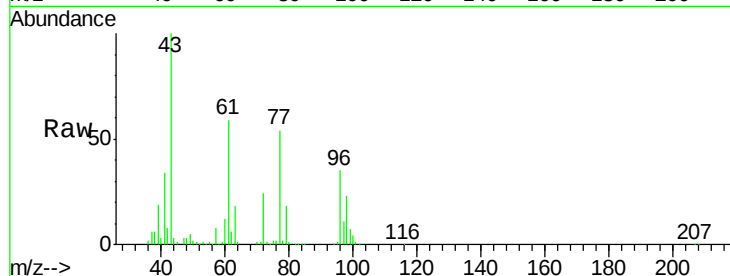
97 20.9 15.1 22.7

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 108.415 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

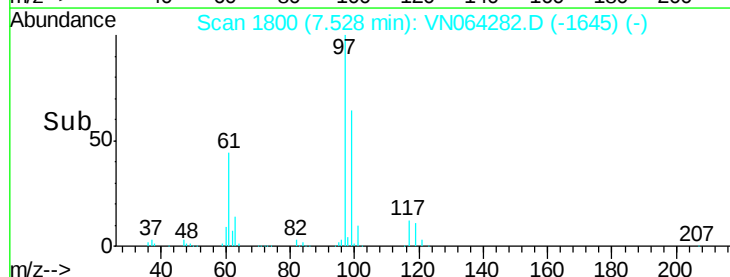
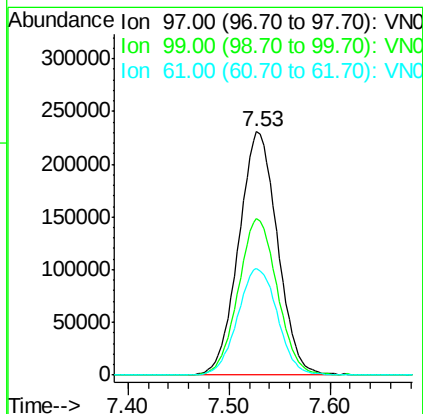
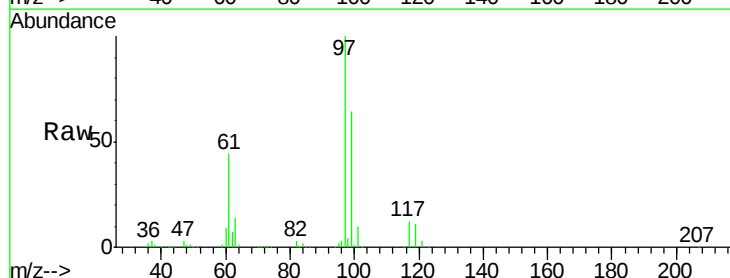
Tgt Ion: 97 Resp: 615325

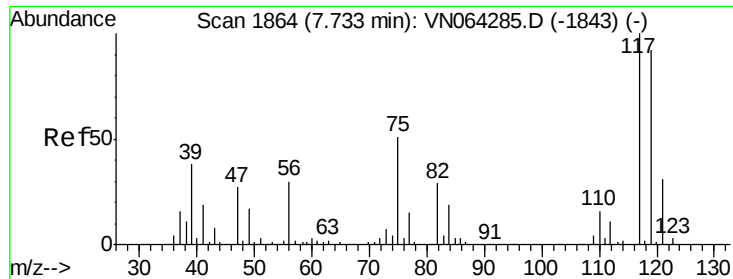
Ion Ratio Lower Upper

97 100

99 64.5 54.4 81.6

61 45.1 37.5 56.3





#33

Carbon Tetrachloride

Concen: 110.511 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:117 Resp: 568153
Ion Ratio Lower Upper

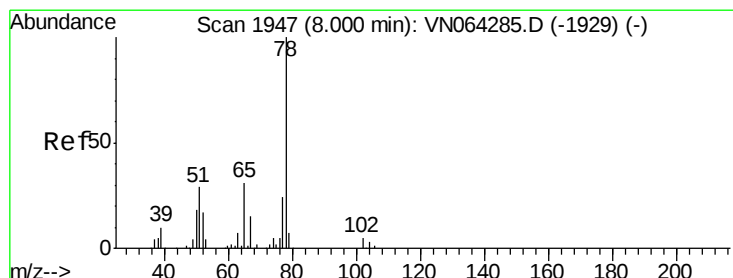
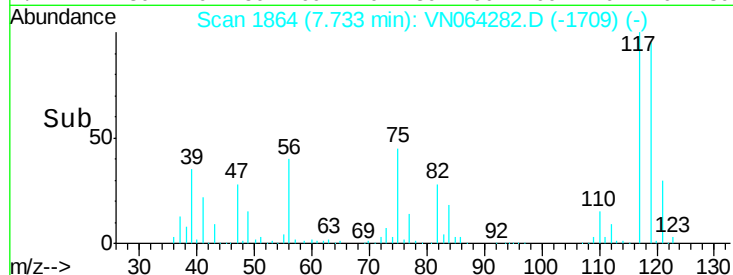
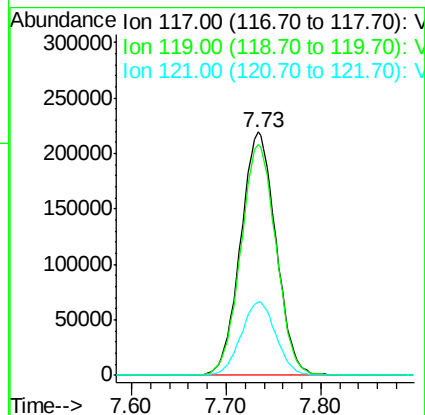
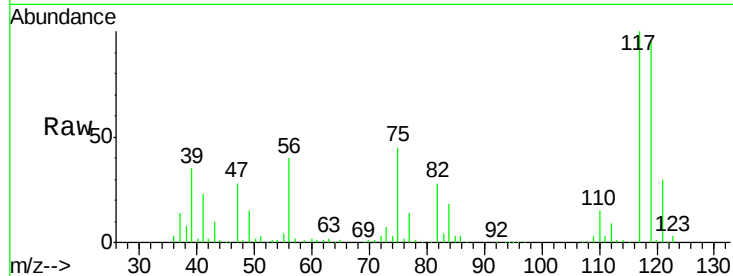
117 100

119 95.0 80.1 120.1

121 30.3 26.2 39.2

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#34

Benzene

Concen: 108.905 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN064282.D

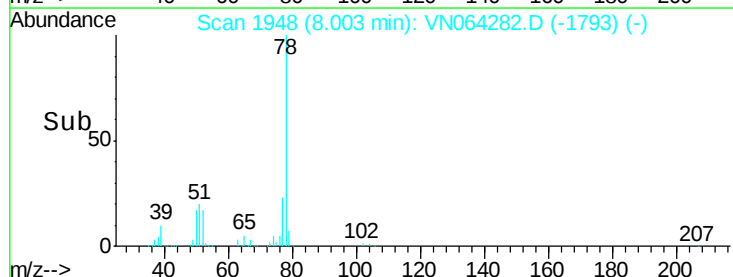
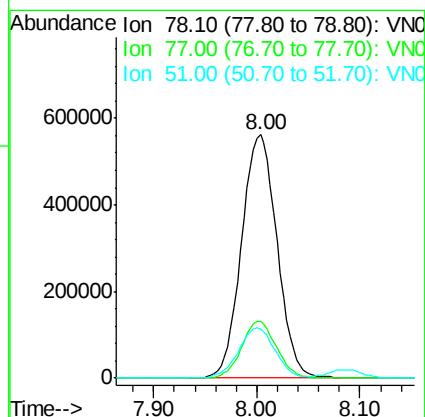
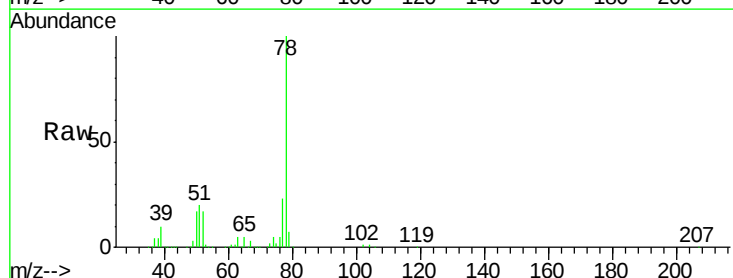
Acq: 23 Oct 2020 11:09

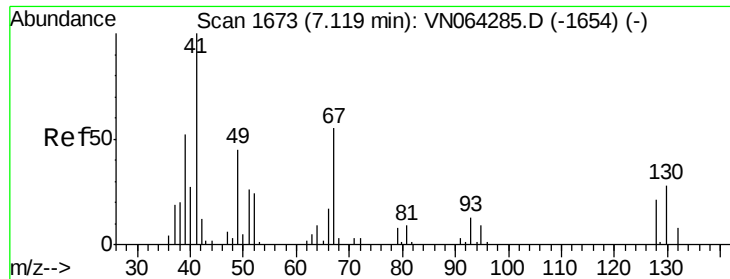
Tgt Ion: 78 Resp: 1346128
Ion Ratio Lower Upper

78 100

77 23.2 19.2 28.8

51 20.2 25.2 37.8#





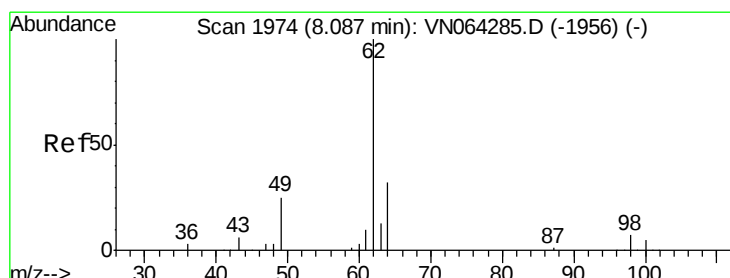
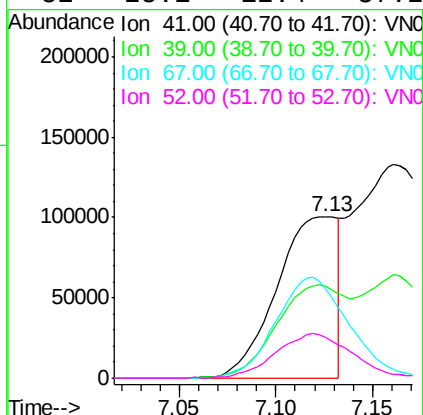
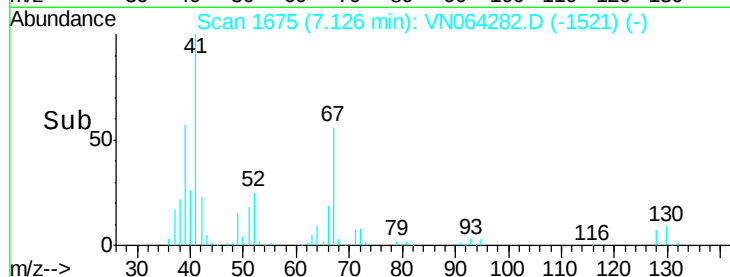
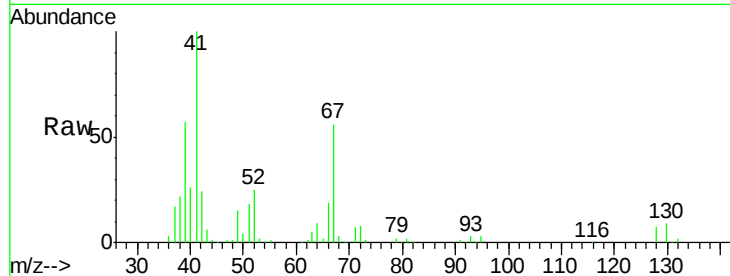
#35
Methacrylonitrile
Concen: 109.823 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	28.0	83.9	
67	55.6	29.9	89.8	
52	25.1	12.4	37.2	

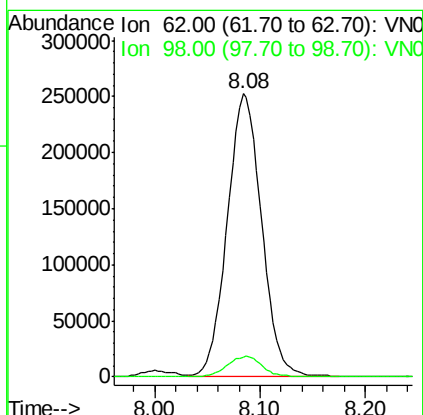
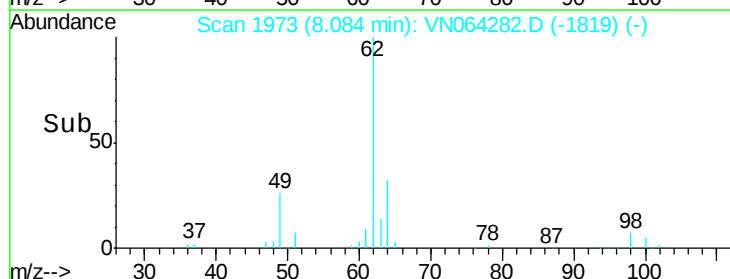
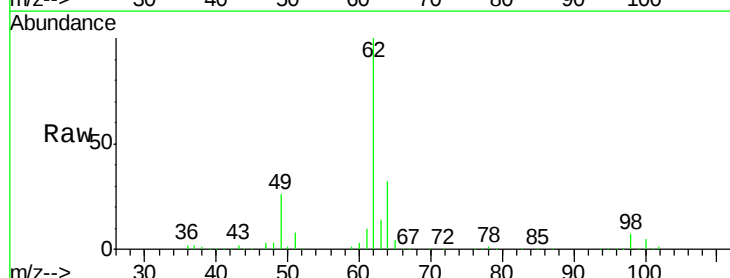
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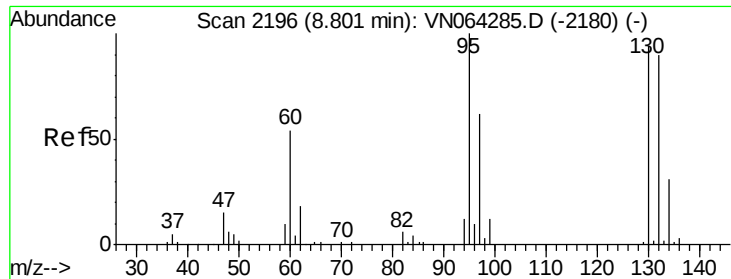
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#36
1,2-Dichloroethane
Concen: 111.893 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.4	5.4	8.0	





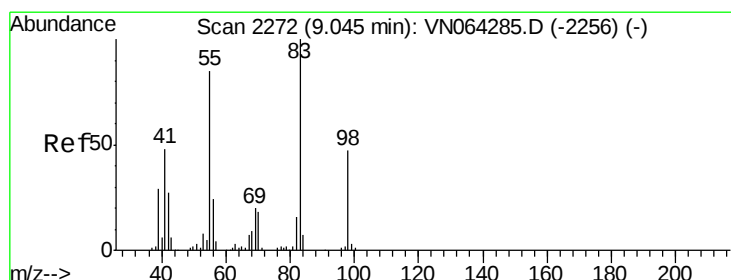
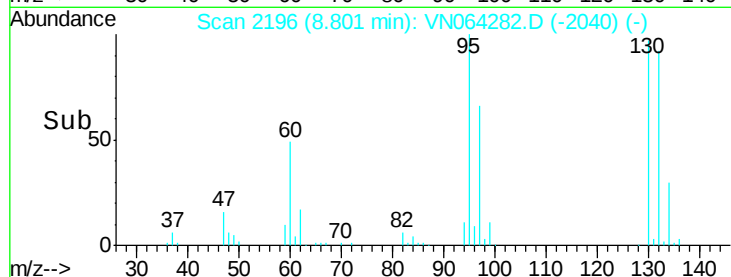
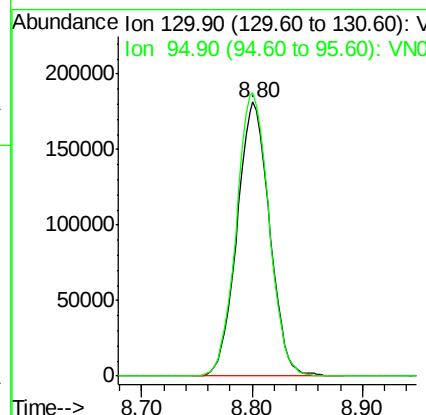
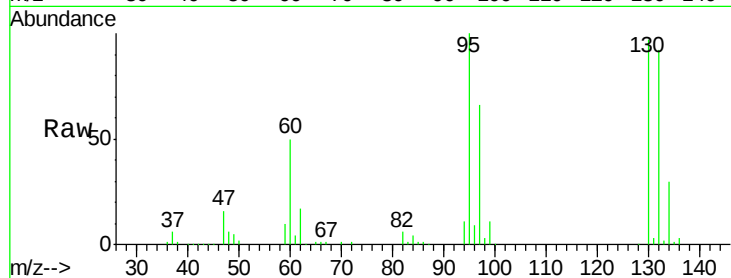
#37
 Trichloroethene
 Concen: 109.101 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:130 Resp: 370780
 Ion Ratio Lower Upper
 130 100
 95 103.4 81.2 121.8

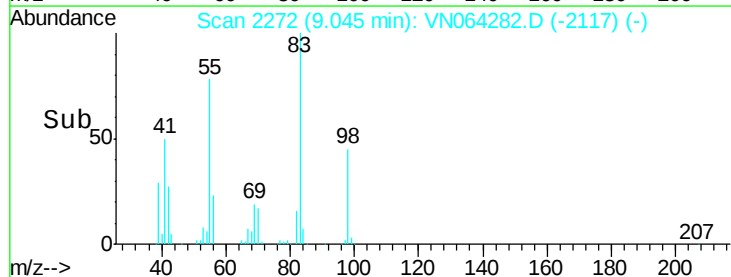
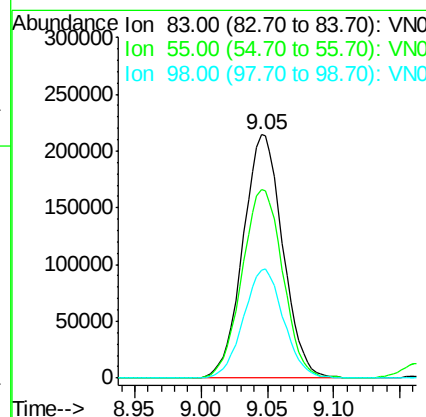
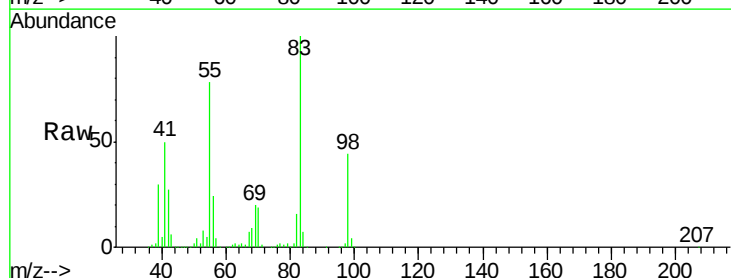
Manual Integrations
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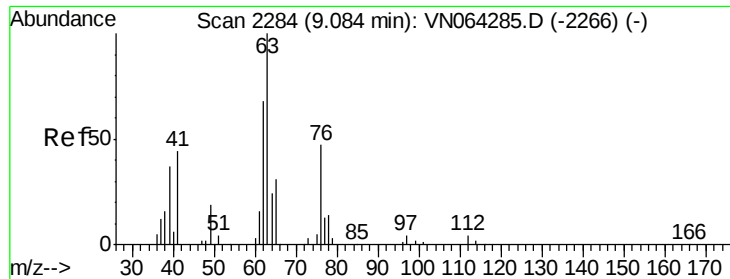
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#38
 Methylcyclohexane
 Concen: 106.062 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion: 83 Resp: 448008
 Ion Ratio Lower Upper
 83 100
 55 79.5 40.3 120.9
 98 45.1 25.3 75.8





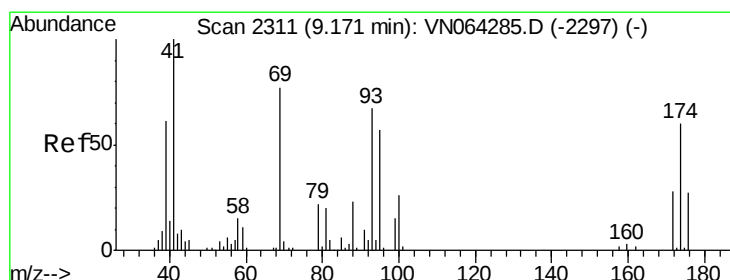
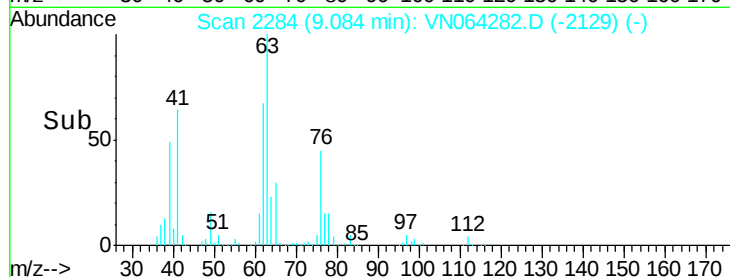
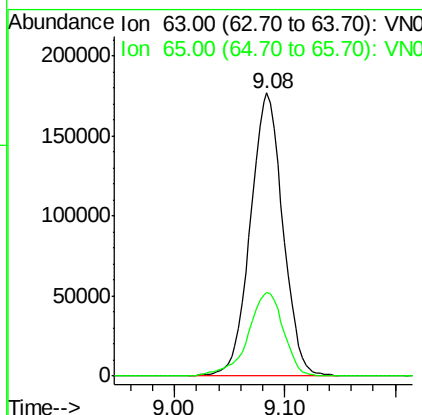
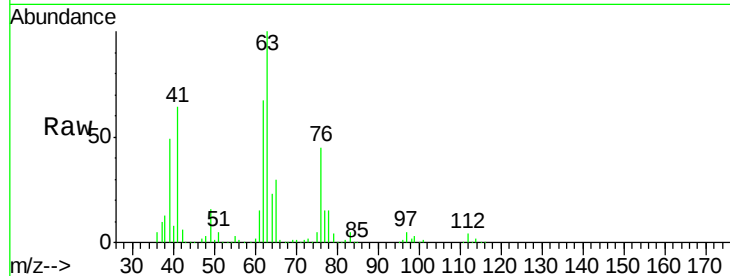
#39
 1,2-Dichloropropane
 Concen: 108.855 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 361240
 Ion Ratio Lower Upper
 63 100
 65 29.6 26.1 39.1

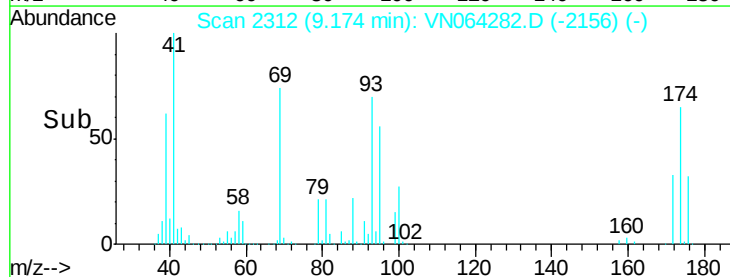
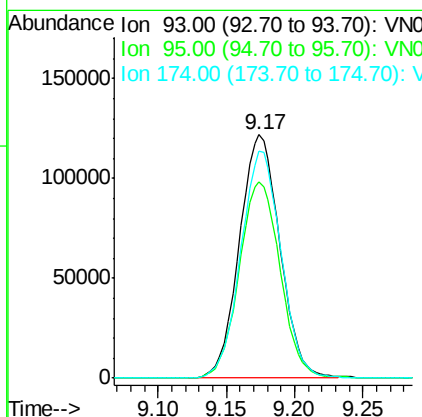
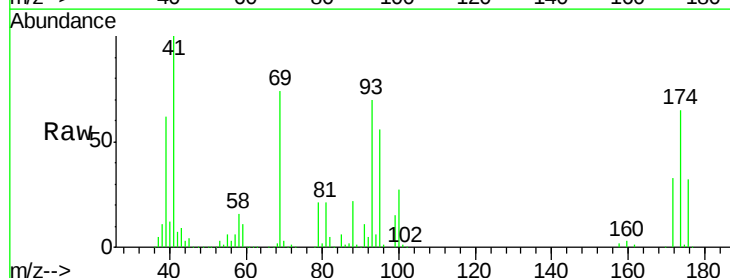
Manual Integrations
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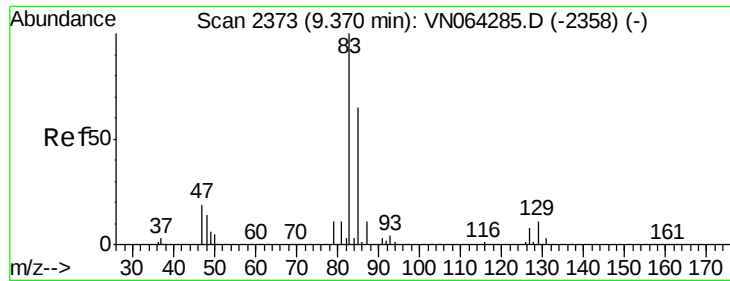
MMDadoda
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#40
 Dibromomethane
 Concen: 107.876 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion: 93 Resp: 250659
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 156.6
 174 92.8 0.0 168.8





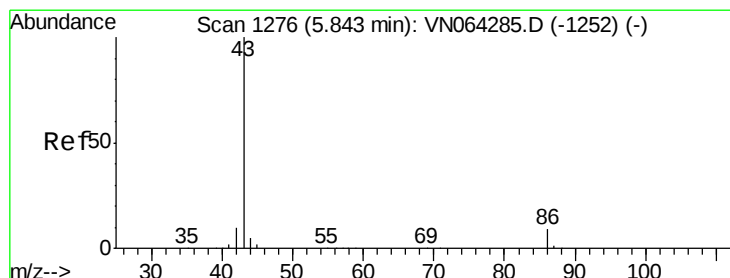
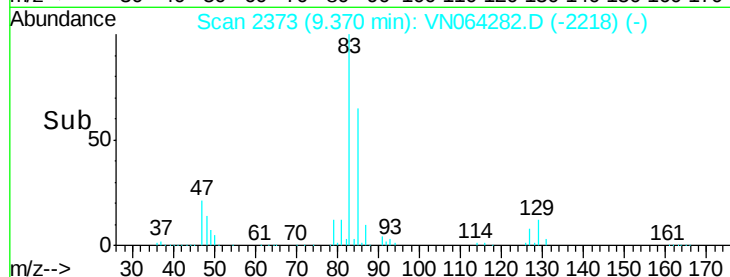
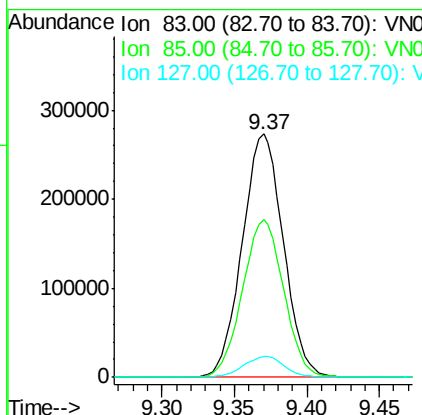
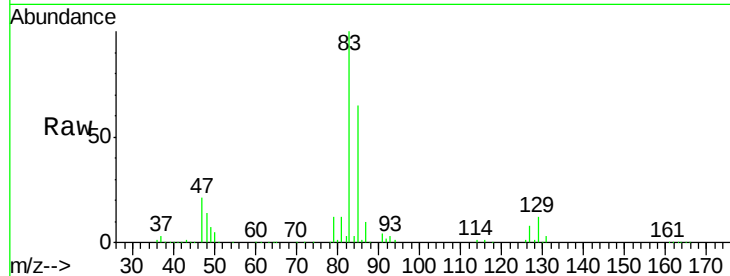
#41
Bromodichloromethane
Concen: 108.537 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	539962
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	57.8	86.6
127	8.5	7.0	10.4

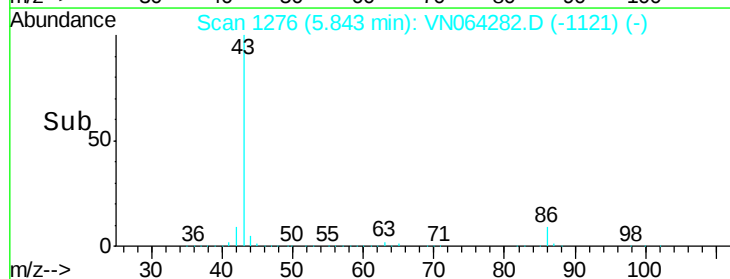
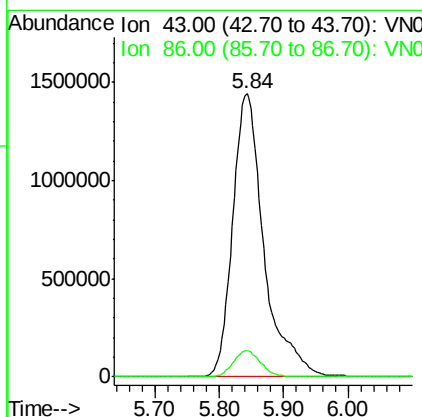
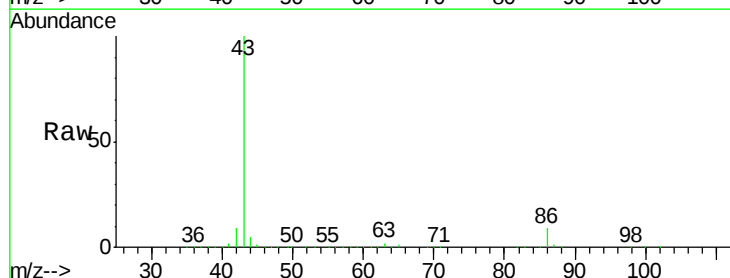
Manual Integrations
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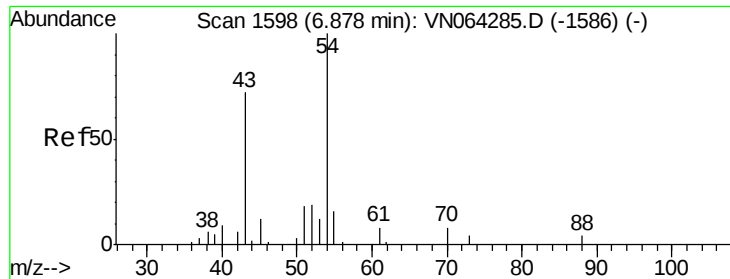
MMDadoda
10/26/2020 1:38:46 PM



#42
Vinyl Acetate
Concen: 556.039 ug/l
RT: 5.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	43	Resp	4851498
Ion Ratio	100	Lower	Upper
43	100		
86	8.2	6.6	9.8





#43

Ethyl Acetate

Concen: 117.008 ug/l m

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 466466

Ion Ratio Lower Upper

43 100

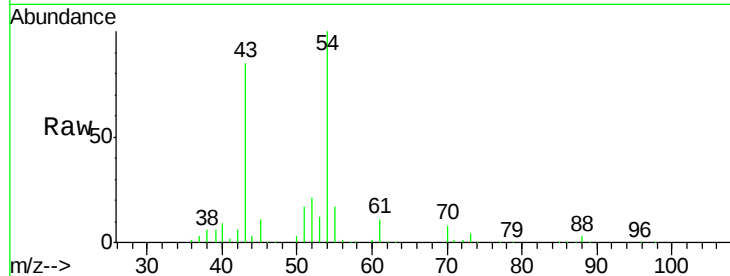
45 0.0 8.2 12.4#

Manual Integrations

APPROVED

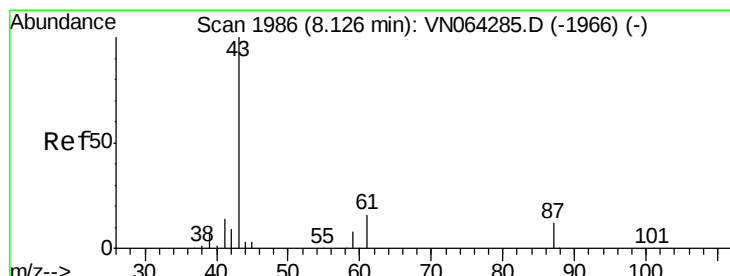
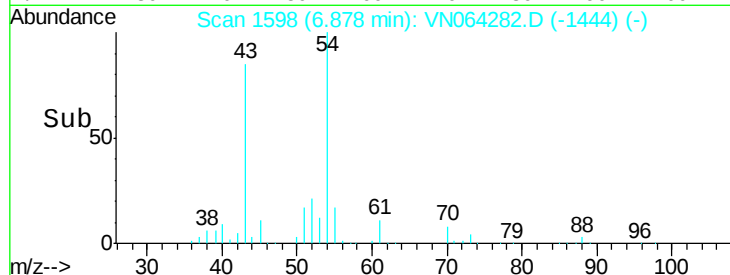
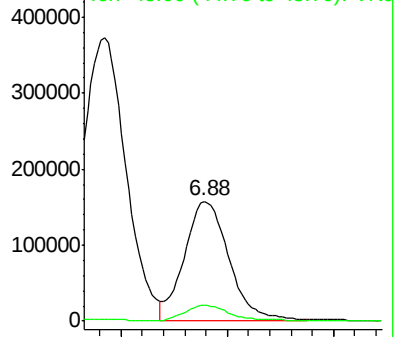
MMDadoda

10/26/2020 1:38:46 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 108.151 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064282.D

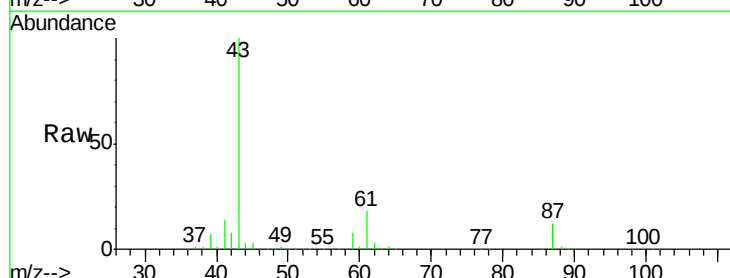
Acq: 23 Oct 2020 11:09

Tgt Ion: 43 Resp: 826554

Ion Ratio Lower Upper

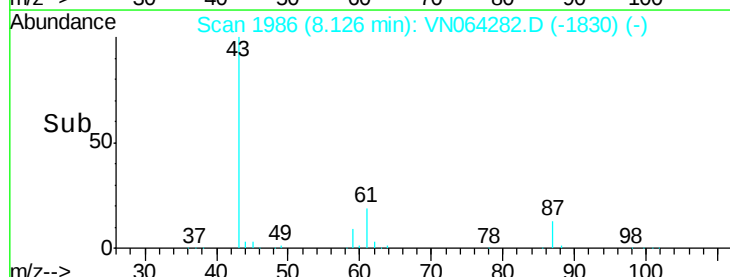
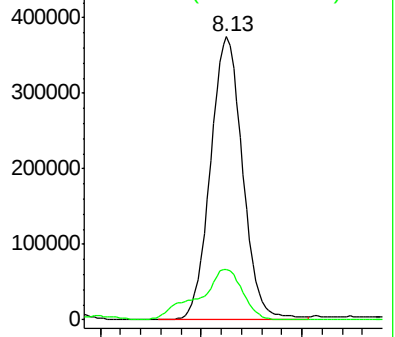
43 100

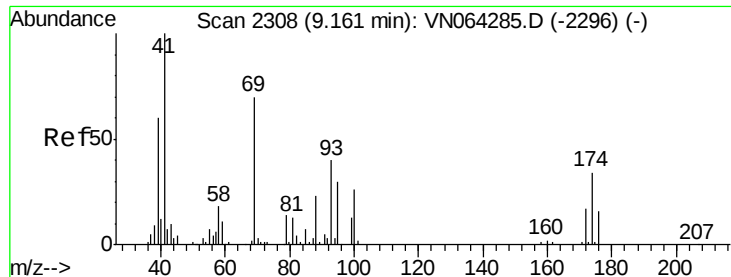
61 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





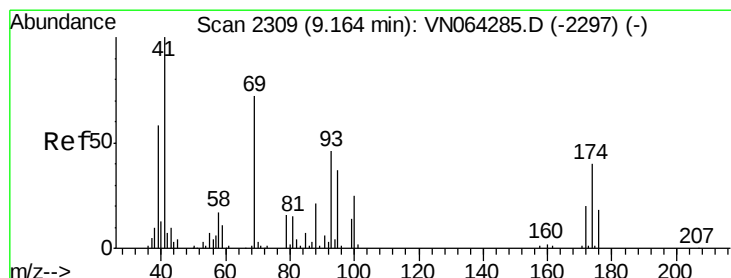
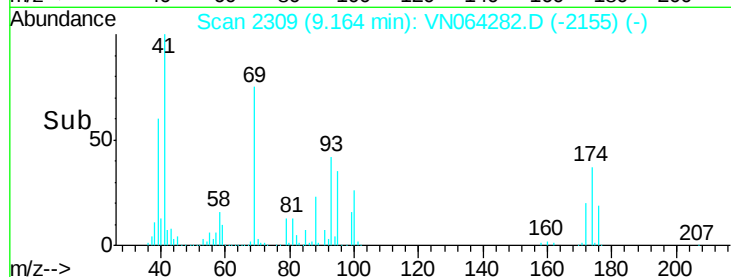
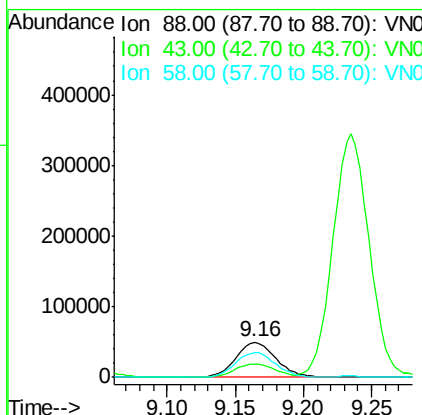
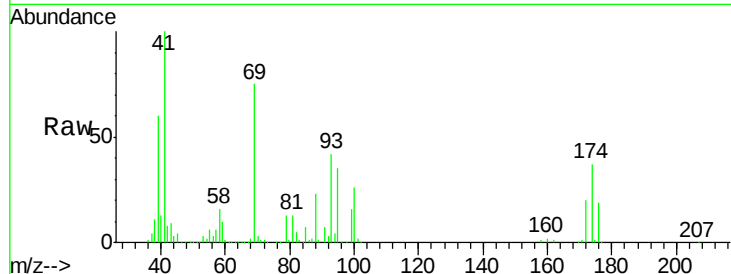
#45
 1,4-Dioxane
 Concen: 2255.747 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	34.7	52.1
58	70.7	65.8	98.6

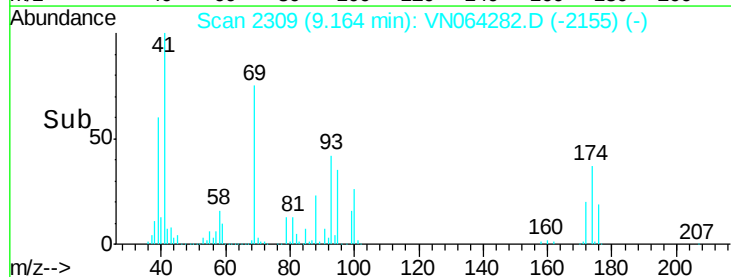
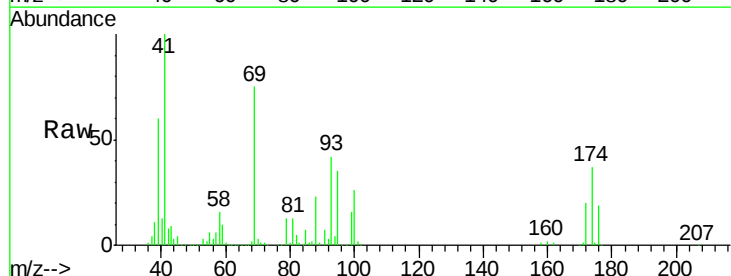
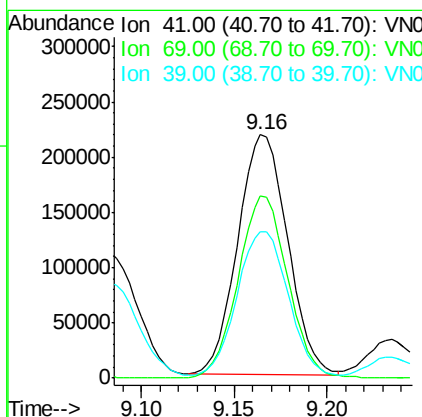
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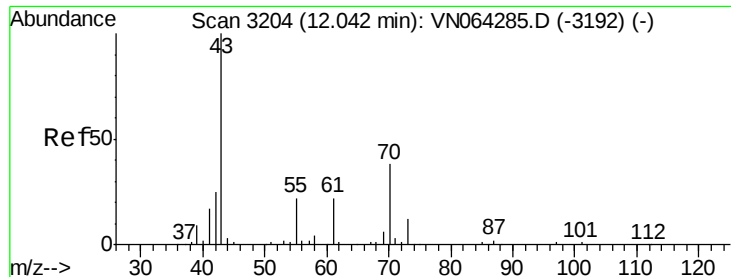
MMDadoda
 10/26/2020 1:38:46 PM



#46
 Methyl methacrylate
 Concen: 111.262 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.7	32.6	97.7
39	60.0	31.1	93.3





#47

n-amvl Acetate

Concen: 109.197 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 740511

Ion Ratio Lower Upper

43 100

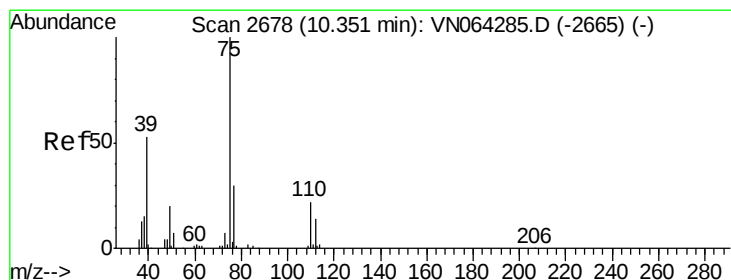
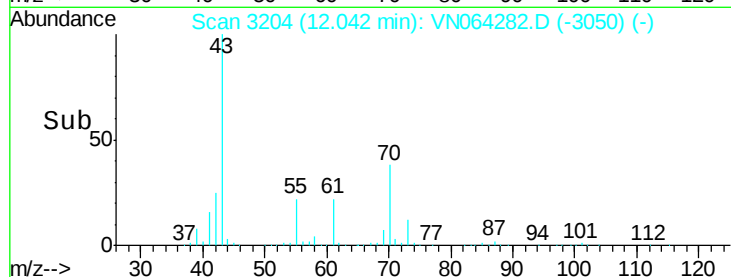
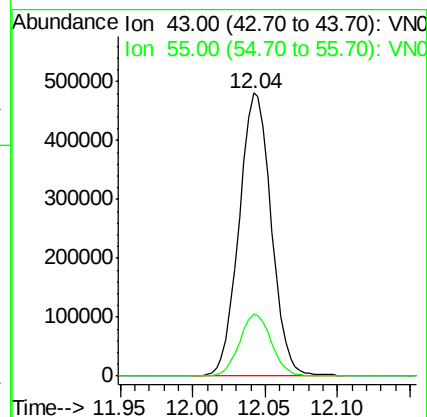
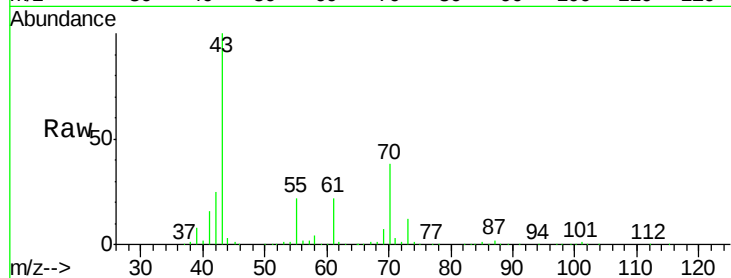
55 21.8 18.2 27.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 110.020 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064282.D

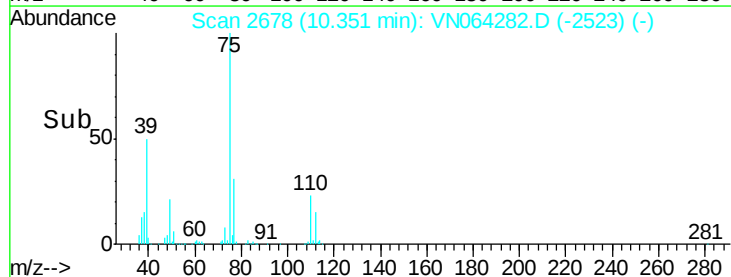
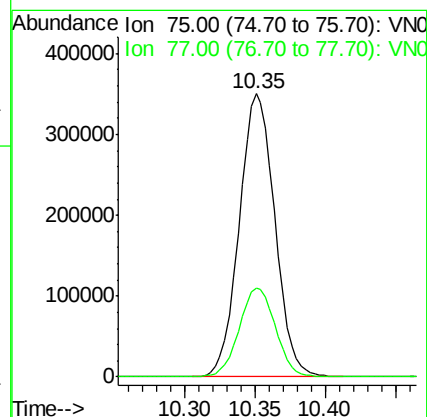
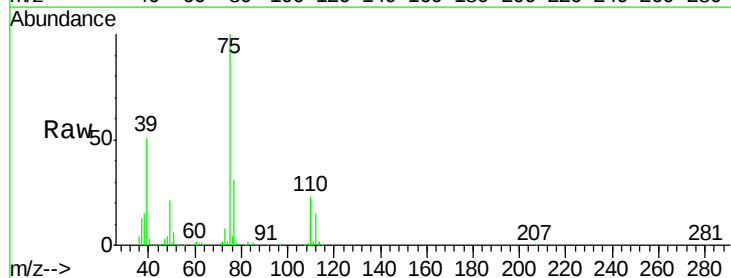
Acq: 23 Oct 2020 11:09

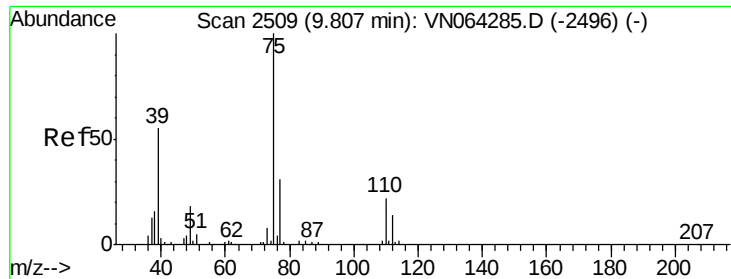
Tgt Ion: 75 Resp: 618807

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0





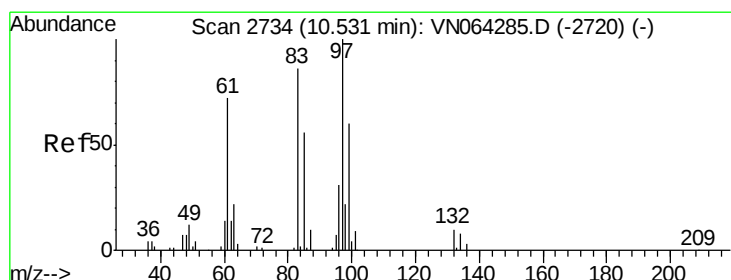
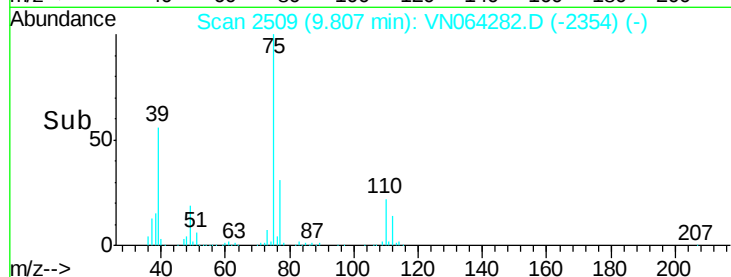
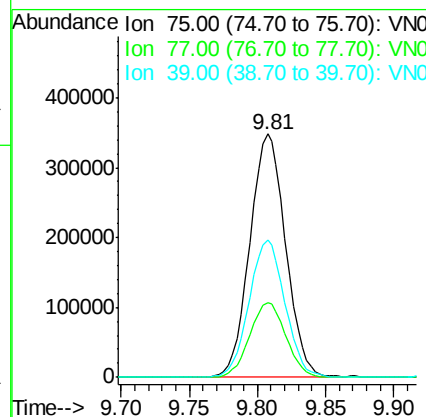
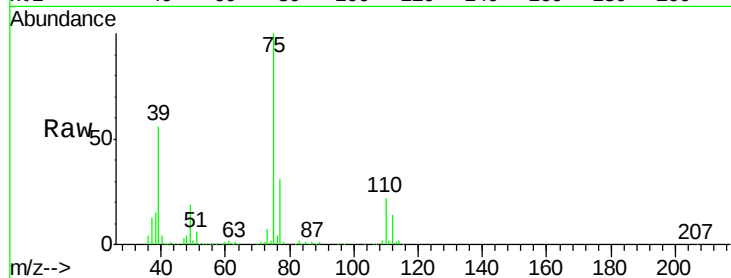
#49
 cis-1,3-Dichloropropene
 Concen: 109.615 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	23.7	35.5
39	56.3	46.9	70.3

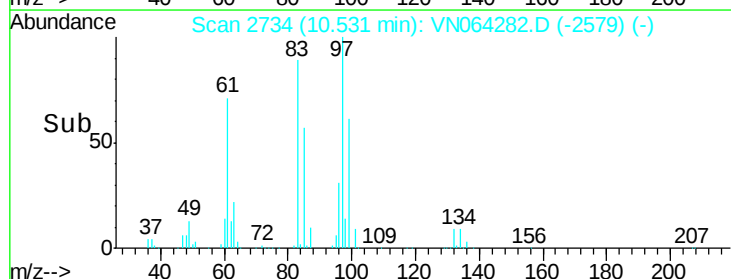
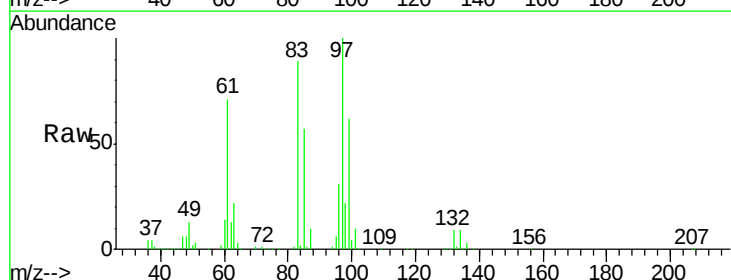
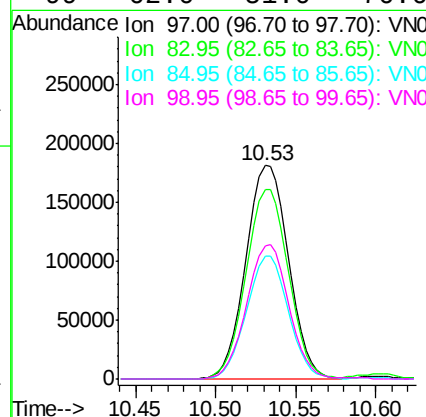
Manual Integrations
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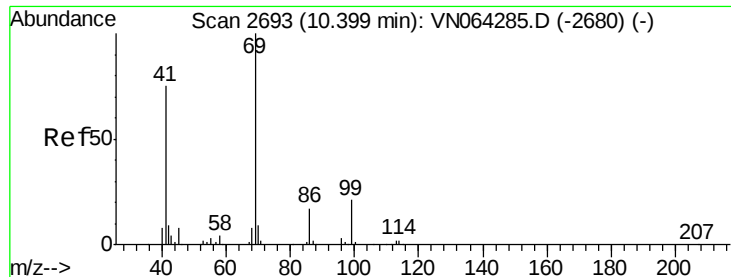
MMDadoda
 10/26/2020 1:38:46 PM



#50
 1,1,2-Trichloroethane
 Concen: 107.434 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.9	103.3
85	57.4	37.8	56.8#
99	62.0	51.0	76.6





#51

Ethyl methacrylate

Concen: 110.150 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

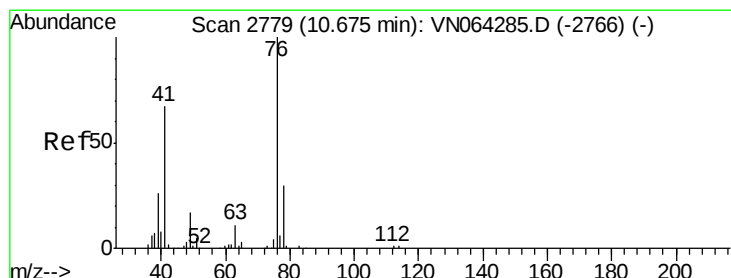
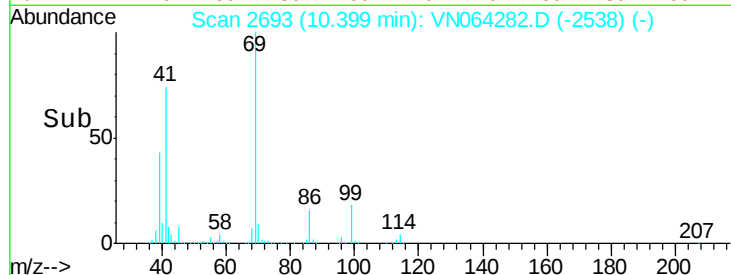
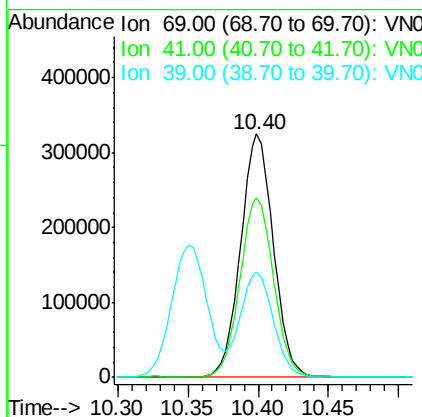
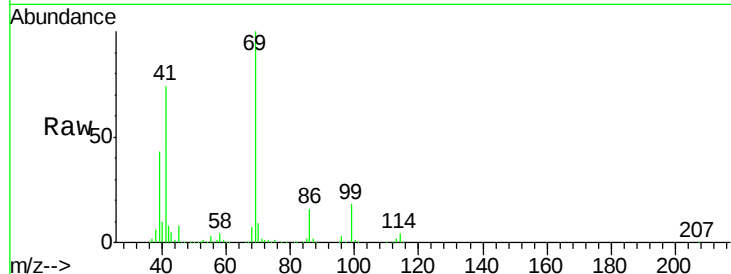
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	529271
Ion Ratio	Lower	Upper	
69	100		
41	73.7	43.6	130.9
39	43.3	25.8	77.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 109.475 ug/l

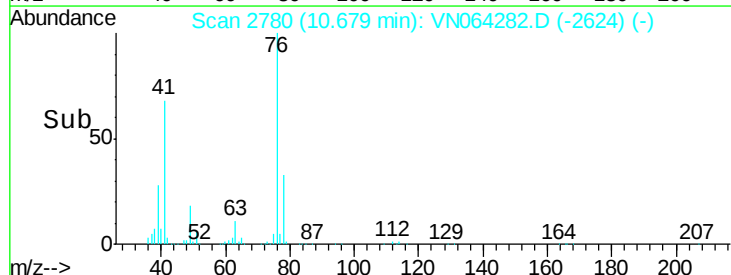
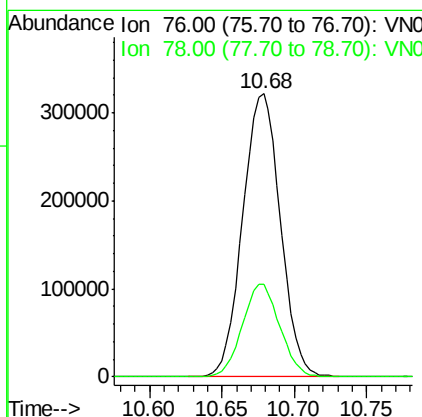
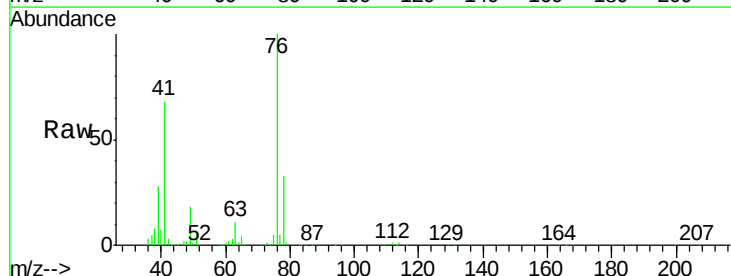
RT: 10.68 min Scan# 2780

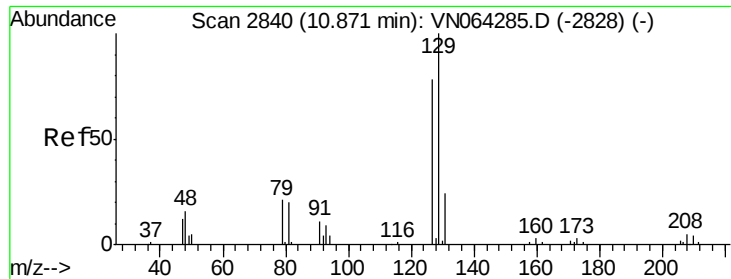
Delta R.T. 0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Tgt Ion:	76	Resp:	582507
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	64.6





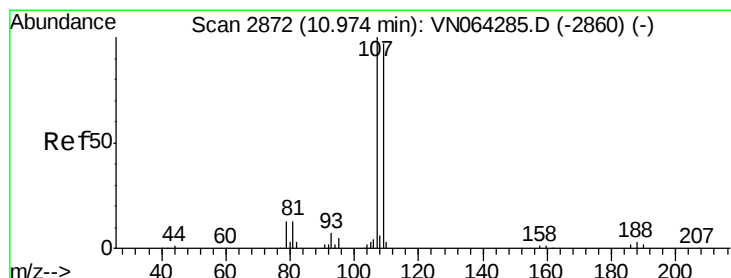
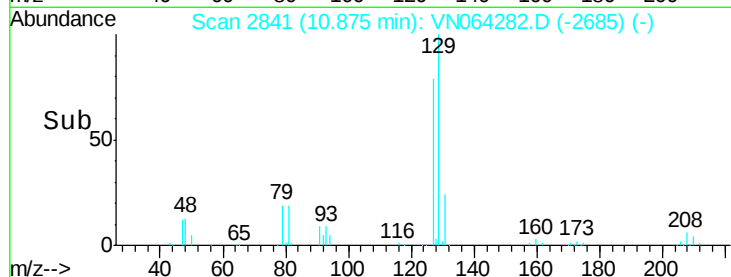
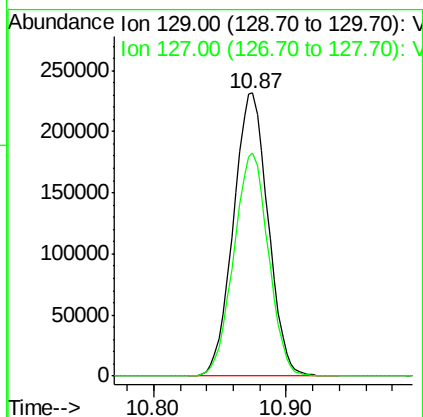
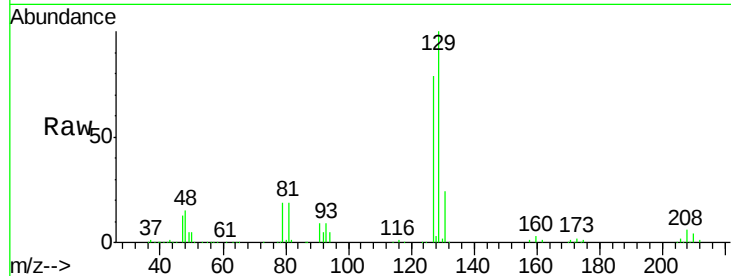
#53
Dibromochloromethane
Concen: 110.148 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:129 Resp: 420799
Ion Ratio Lower Upper
129 100
127 78.8 42.4 127.2

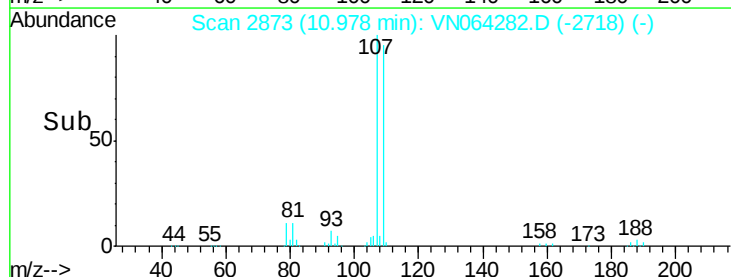
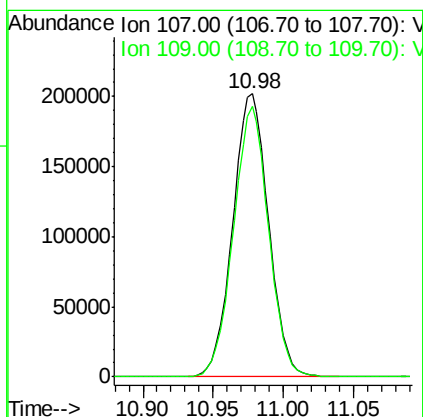
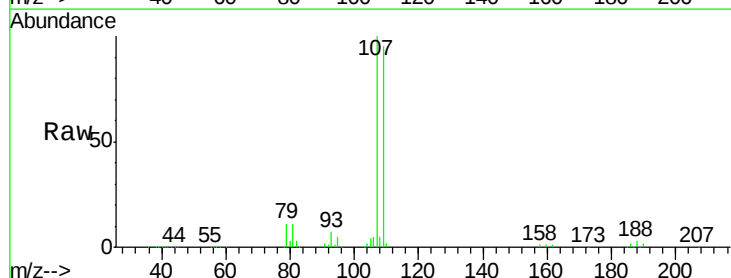
Manual Integrations
APPROVED

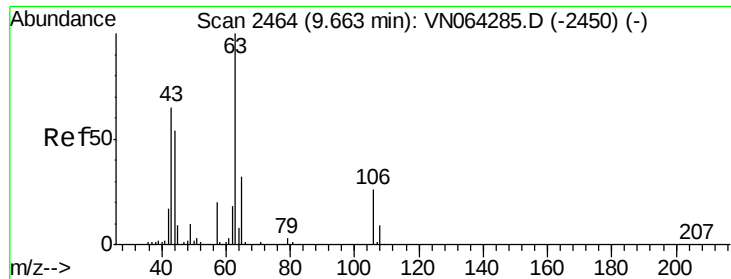
MMDadoda
10/26/2020 1:38:46 PM



#54
1,2-Dibromoethane
Concen: 110.231 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion:107 Resp: 359060
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5





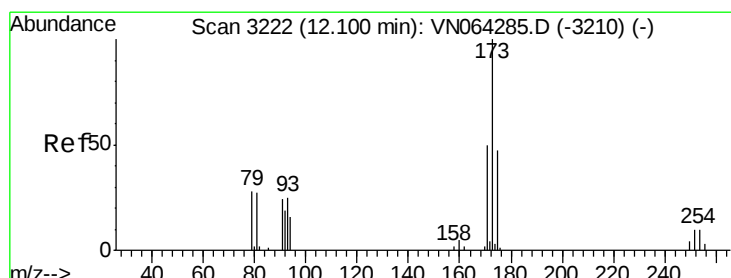
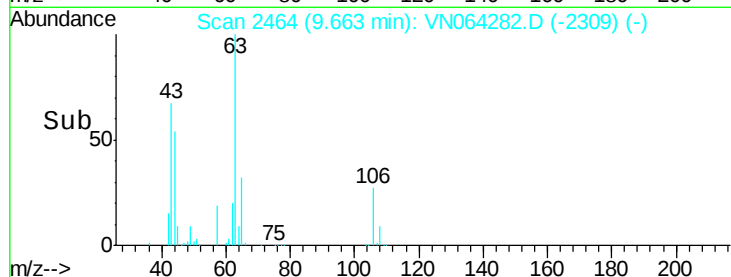
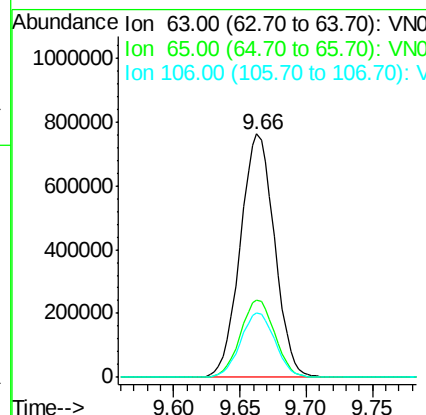
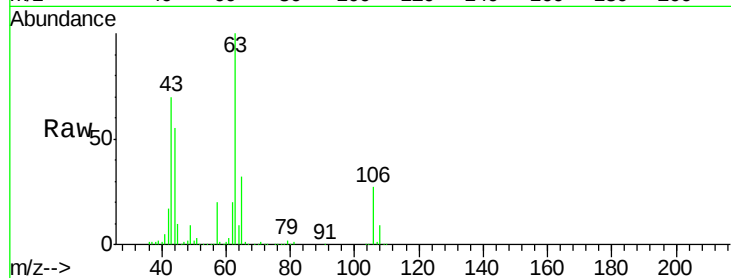
#55
 2-Chloroethyl vinyl ether
 Concen: 624.277 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 1368547
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.2 37.8
 106 26.6 20.6 31.0

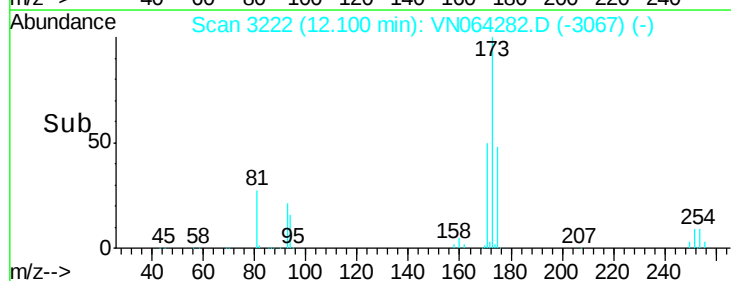
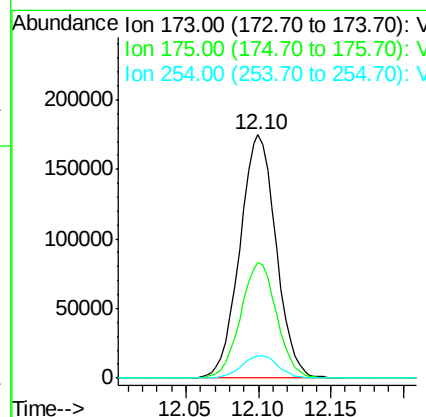
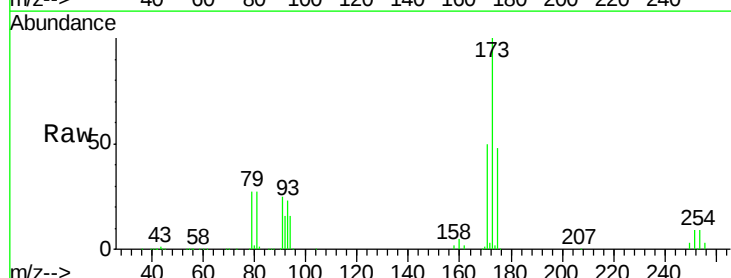
Manual Integrations
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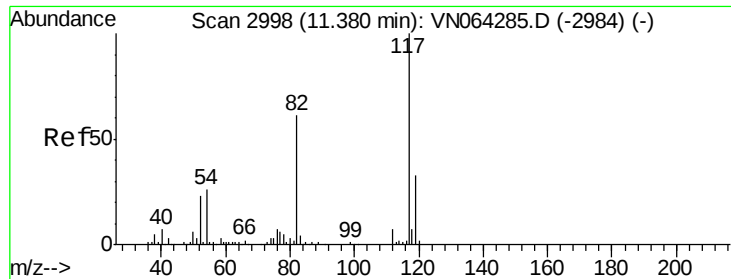
MMDadoda
 10/26/2020 1:38:46 PM



#56
 Bromoform
 Concen: 113.284 ug/l
 RT: 12.10 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion: 173 Resp: 303141
 Ion Ratio Lower Upper
 173 100
 175 47.4 39.5 59.3
 254 9.2 5.0 7.4#





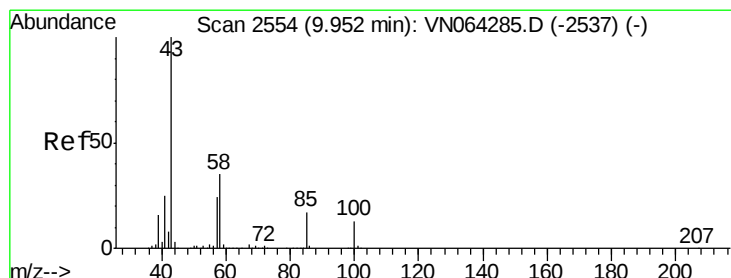
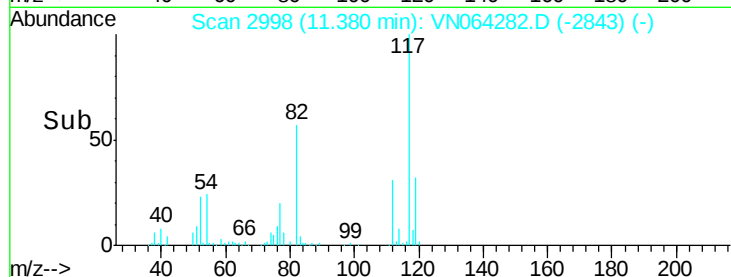
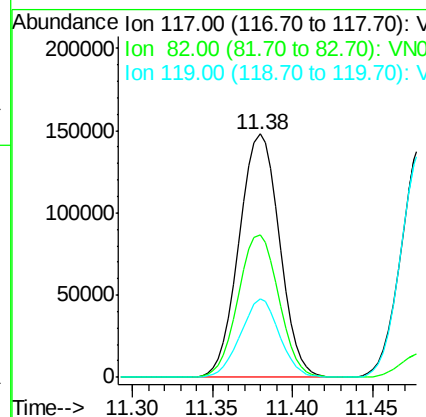
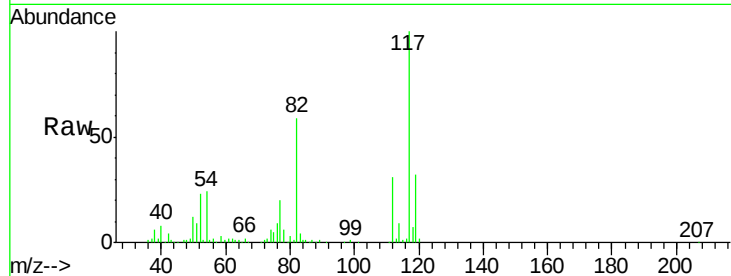
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	255756		
82	58.9	47.0	70.6	
119	30.9	24.6	37.0	

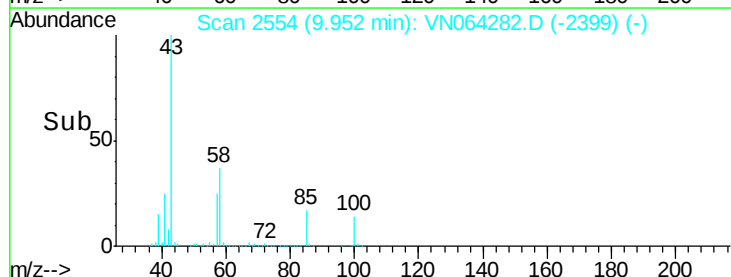
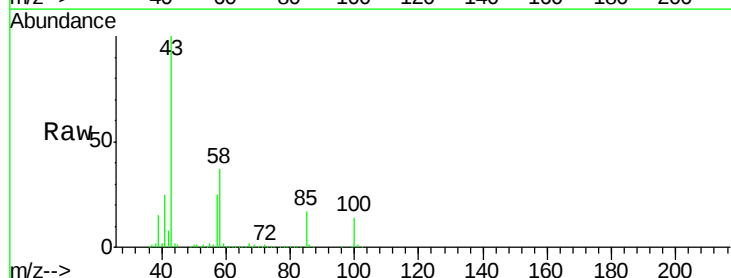
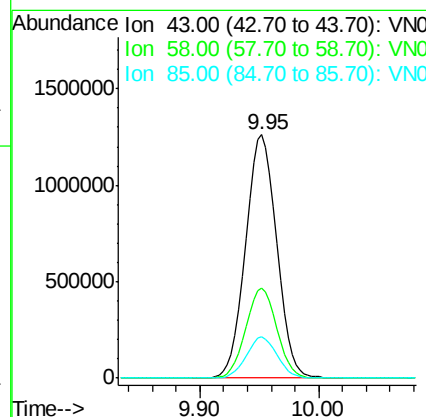
Manual Integrations
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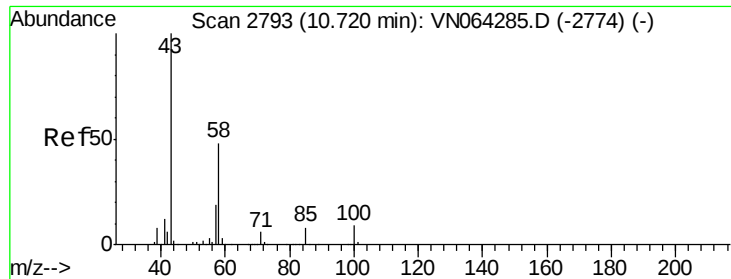
MMDadoda
10/26/2020 1:38:46 PM



#58
4-Methyl-2-Pentanone
Concen: 540.155 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	2278923		
58	36.9	28.6	43.0	
85	16.8	13.7	20.5	





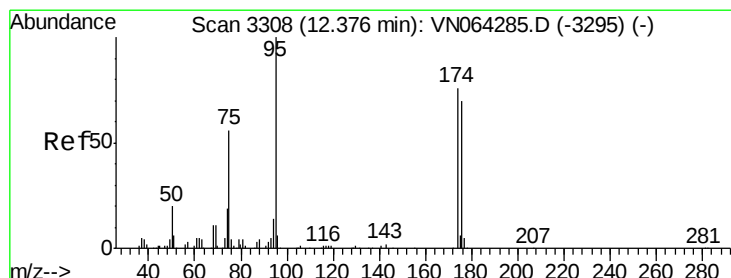
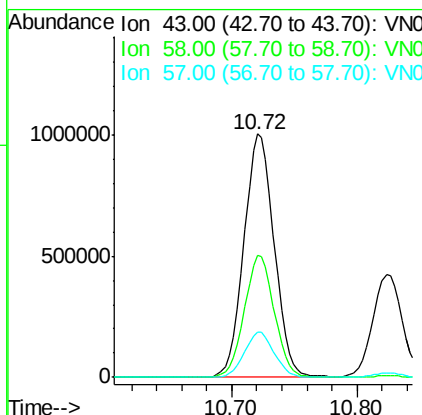
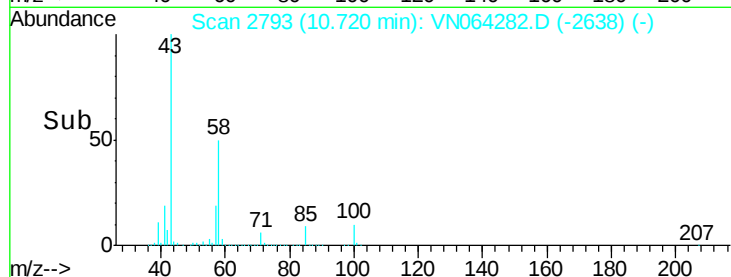
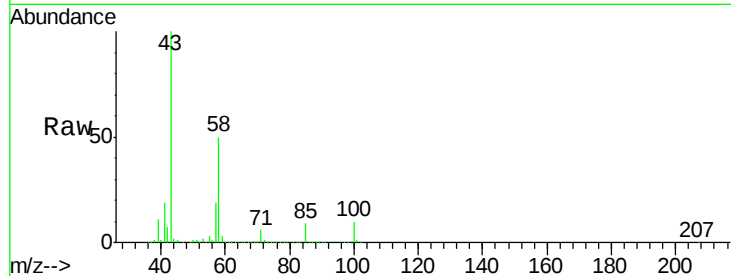
#59
2-Hexanone
Concen: 537.141 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1683389
Ion Ratio Lower Upper
43 100
58 49.7 40.5 60.7
57 18.4 15.4 23.0

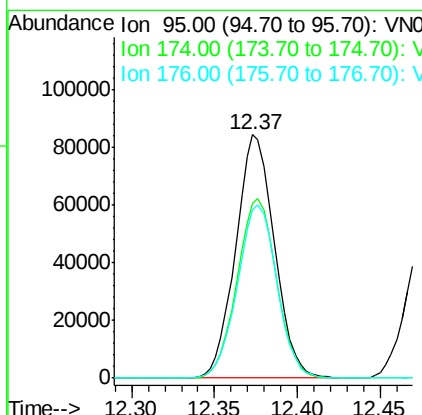
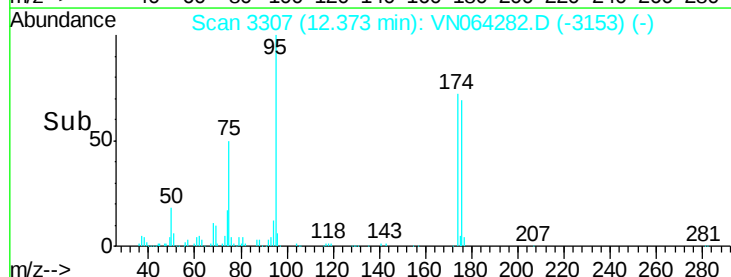
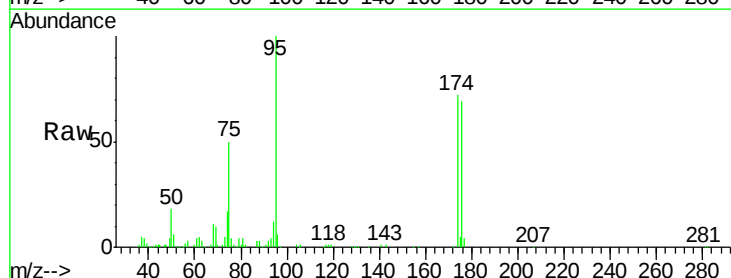
Manual Integrations
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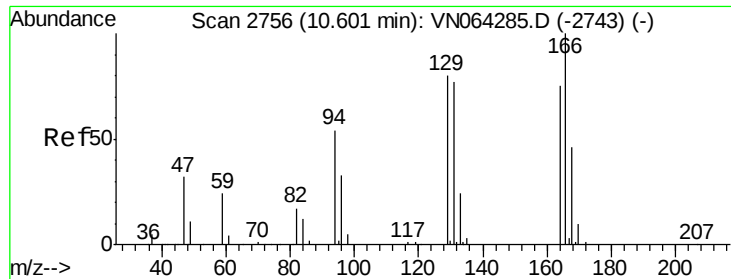
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.102 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion: 95 Resp: 137073
Ion Ratio Lower Upper
95 100
174 75.0 57.9 86.9
176 72.3 56.7 85.1





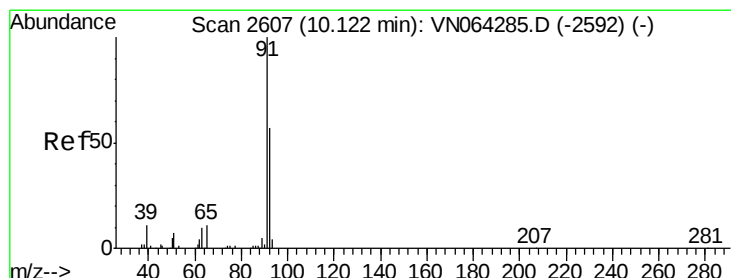
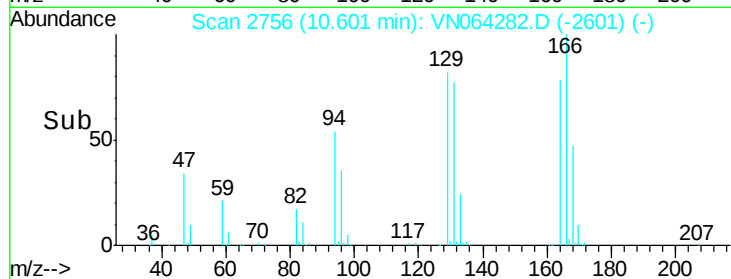
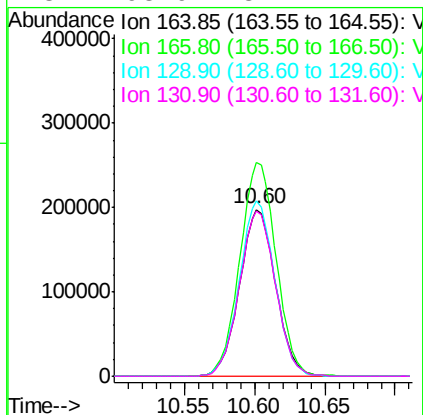
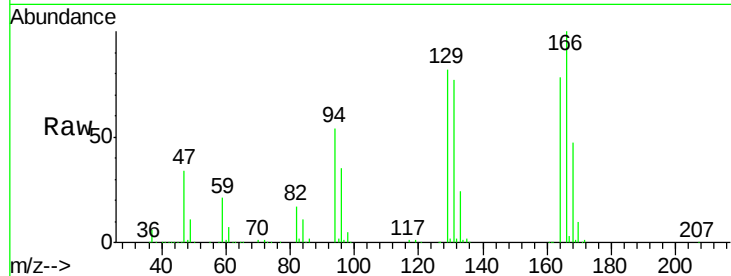
#61
Tetrachloroethene
Concen: 105.788 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	107.4	161.0
129	105.2	84.3	126.5
131	98.9	81.1	121.7

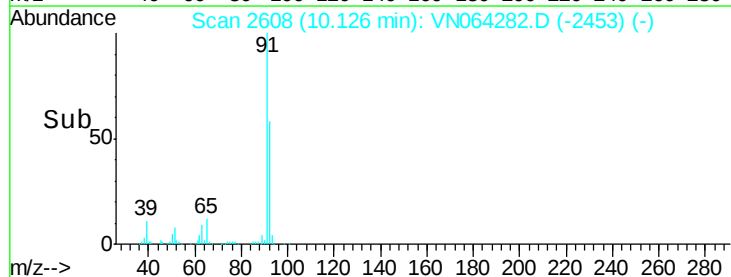
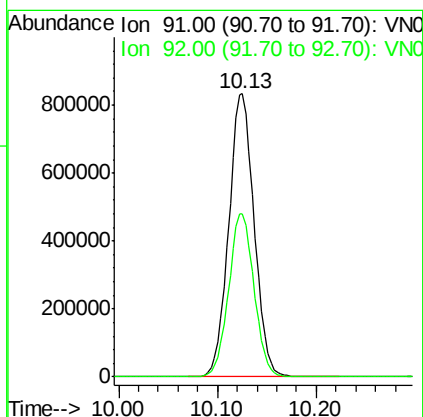
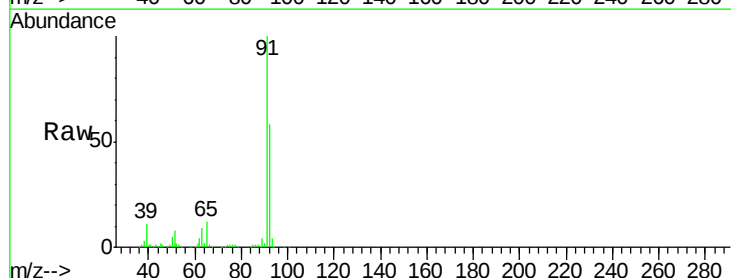
Manual Integrations
APPROVED

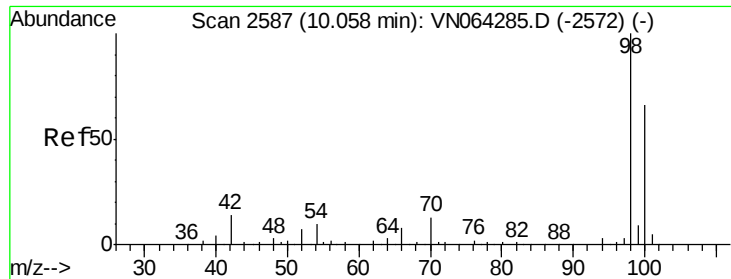
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#62
Toluene
Concen: 106.249 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	46.4	69.6





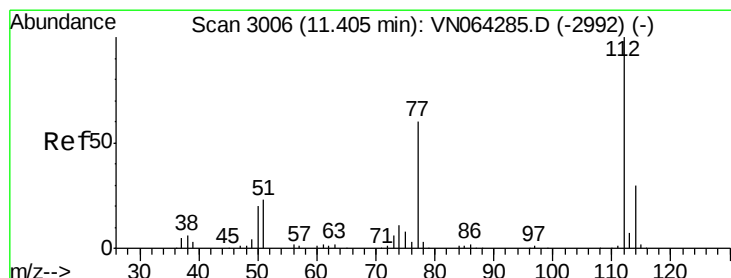
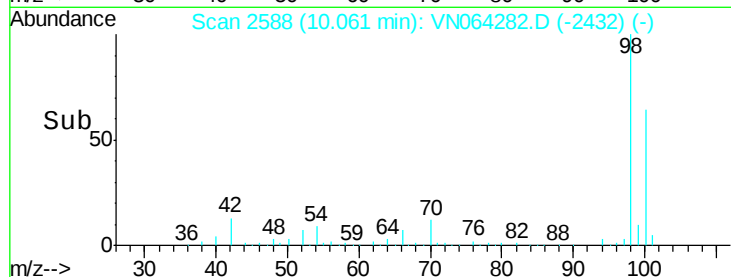
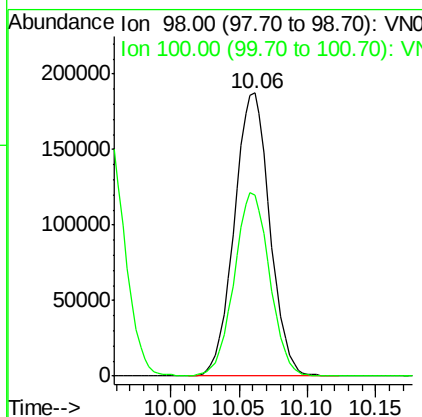
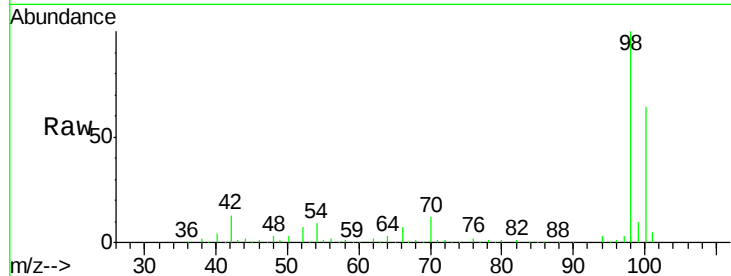
#63
Toluene-d8
Concen: 29.324 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 98 Resp: 338674
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5

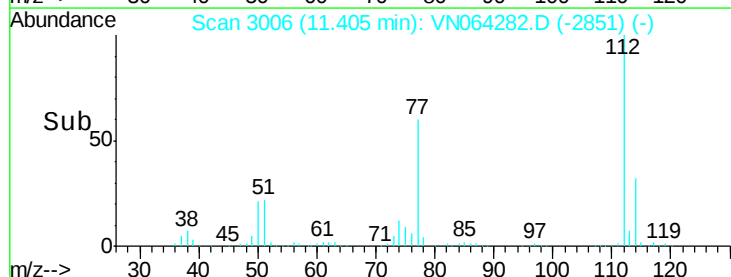
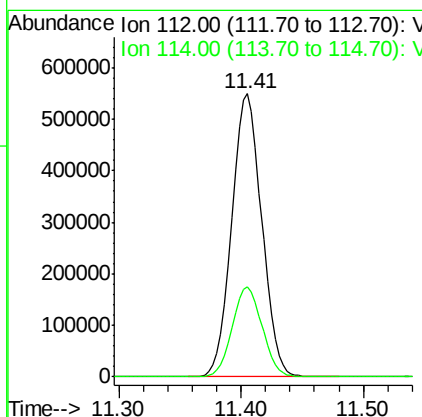
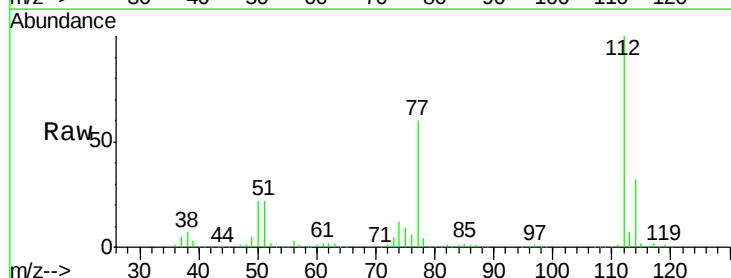
Manual Integrations
APPROVED

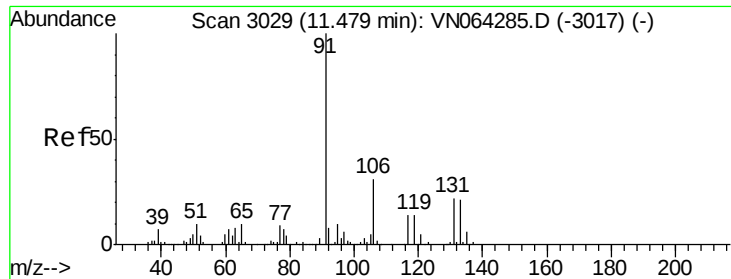
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#64
Chlorobenzene
Concen: 107.194 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion: 112 Resp: 941502
Ion Ratio Lower Upper
112 100
114 32.0 26.5 39.7





#65

1,1,1,2-Tetrachloroethane

Concen: 106.529 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

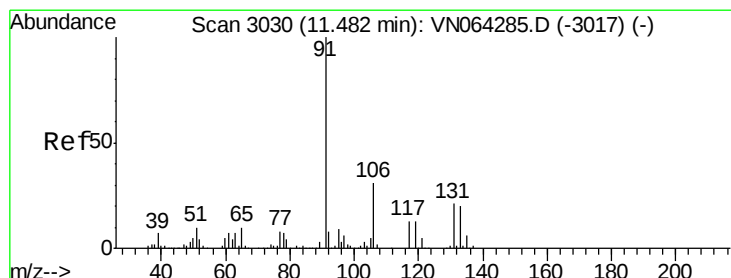
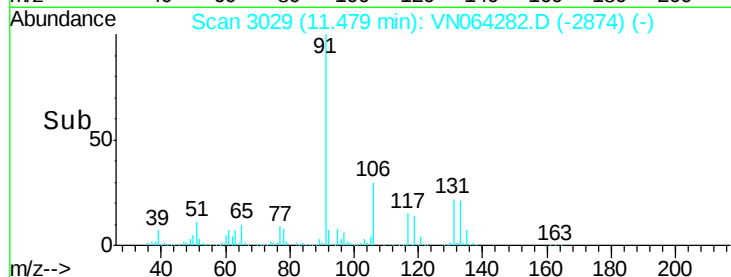
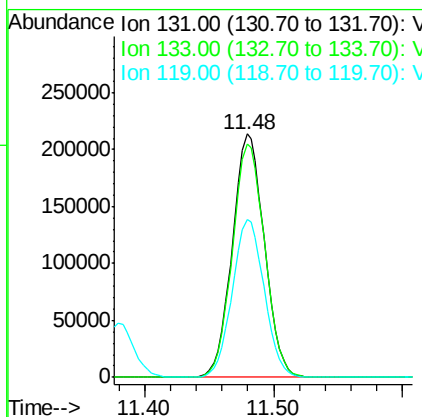
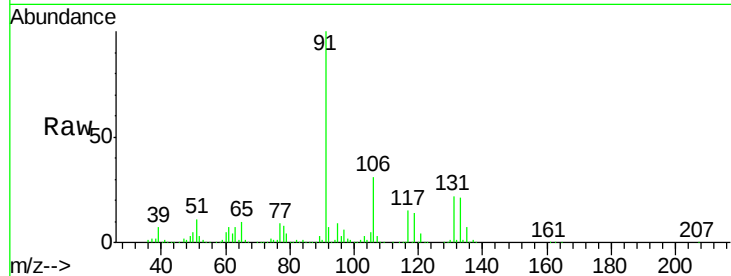
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	368786		
133	96.8	0.0	193.4	
119	64.7	0.0	125.2	

Manual Integrations
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#66

Ethyl Benzene

Concen: 106.729 ug/l

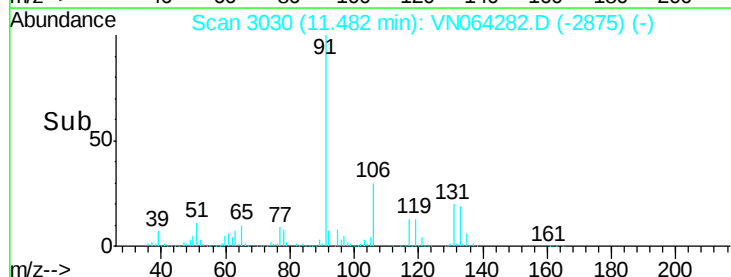
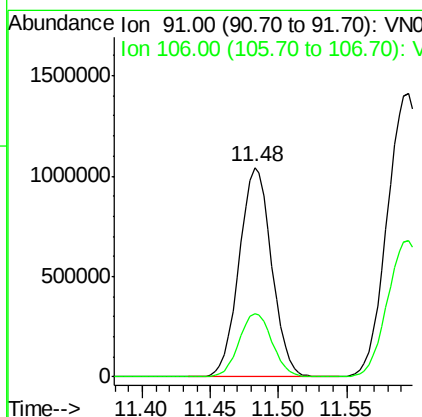
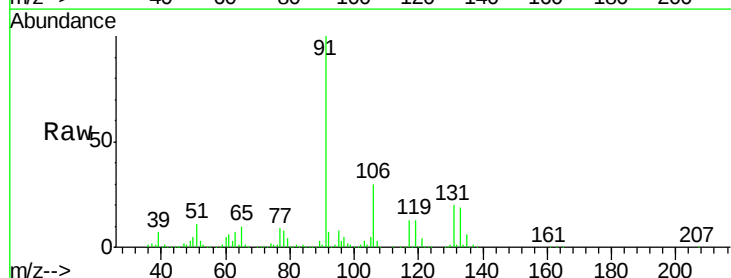
RT: 11.48 min Scan# 3030

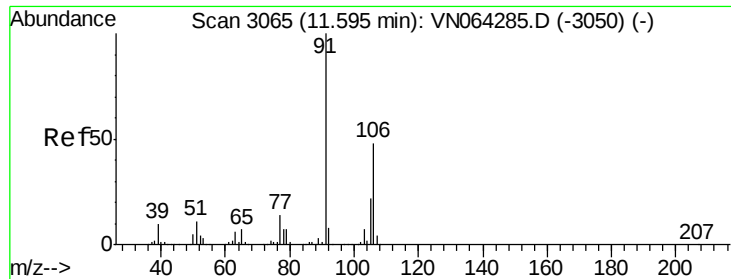
Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1728705		
106	30.5	23.8	35.6	





#67

m/p-Xylenes

Concen: 215.131 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:106 Resp: 1298117

Ion Ratio Lower Upper

106 100

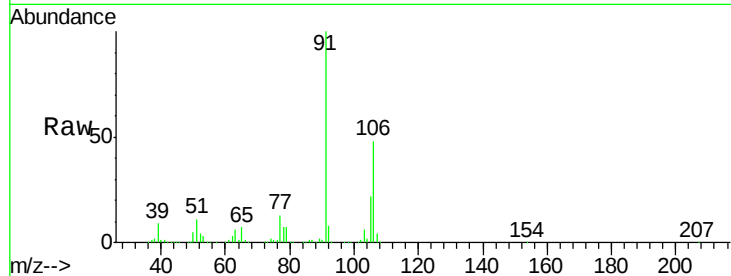
91 209.5 170.6 255.8

Manual Integrations

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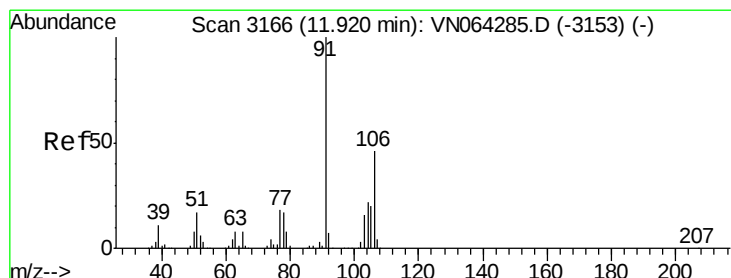
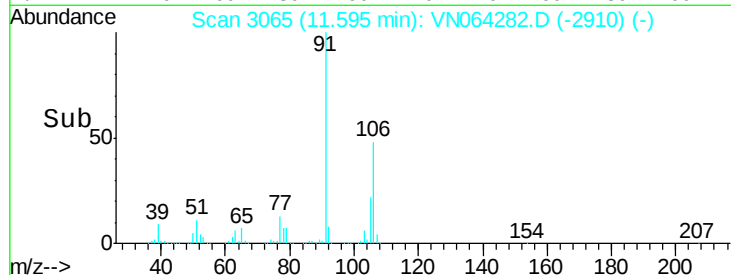
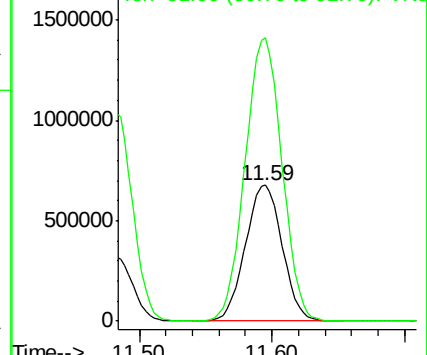
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 106.597 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. -0.00 min

Lab File: VN064282.D

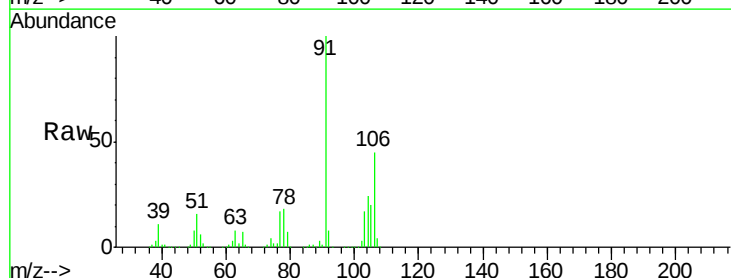
Acq: 23 Oct 2020 11:09

Tgt Ion:106 Resp: 623913

Ion Ratio Lower Upper

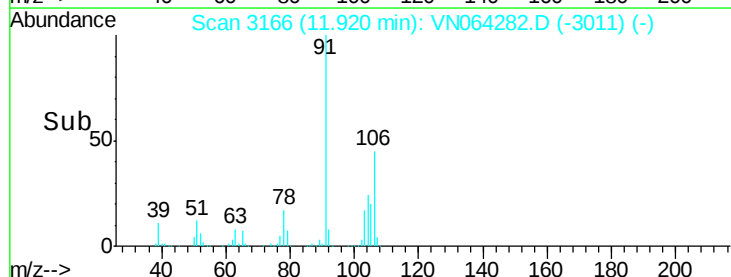
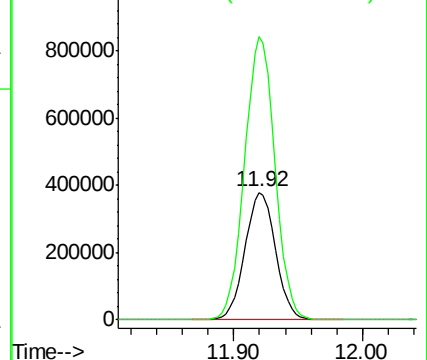
106 100

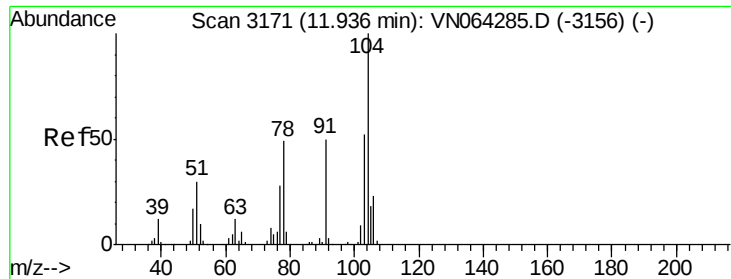
91 221.3 115.3 346.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





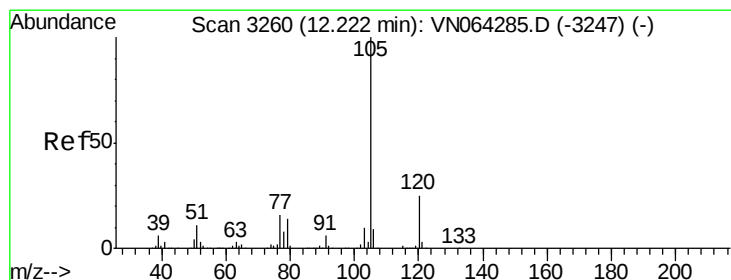
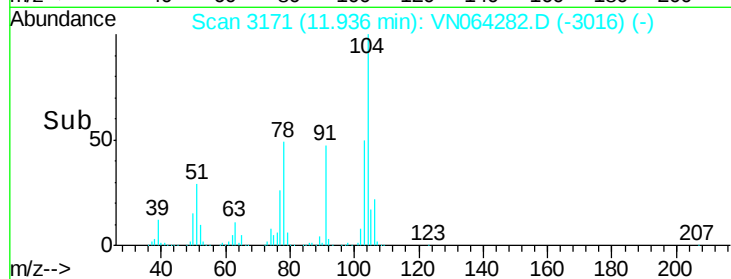
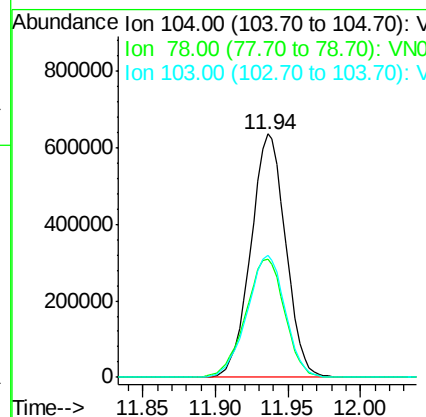
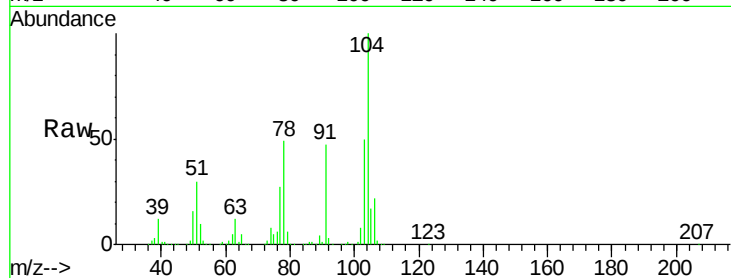
#69
Stvrene
Concen: 108.131 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.4	45.4	68.2
103	54.6	44.6	67.0

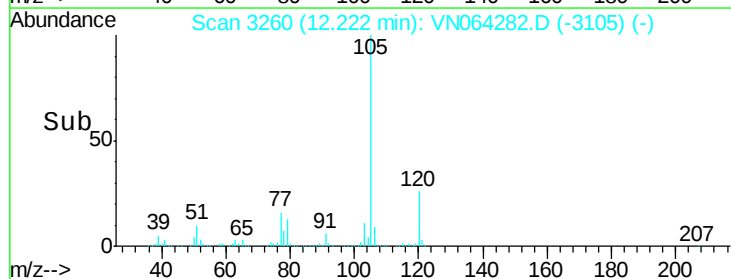
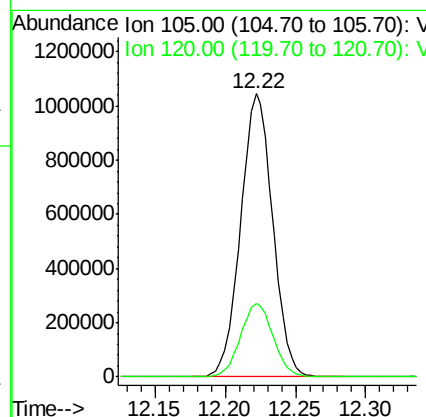
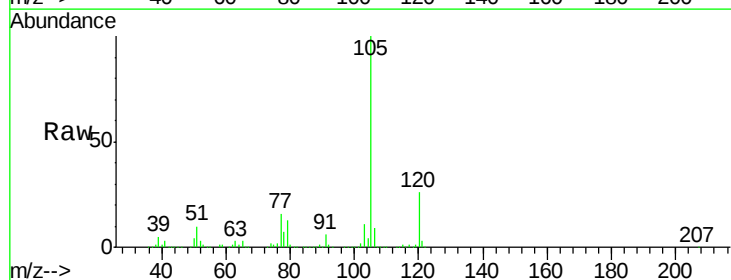
Manual Integrations
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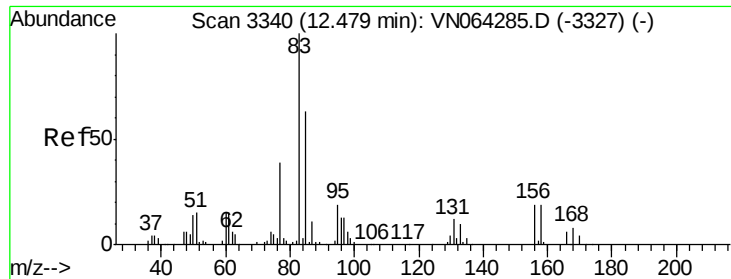
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#70
Isopropylbenzene
Concen: 107.772 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.6	34.5





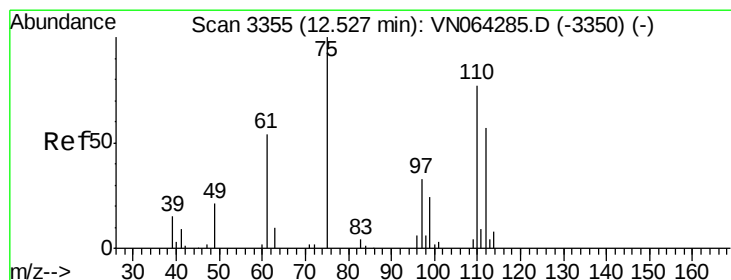
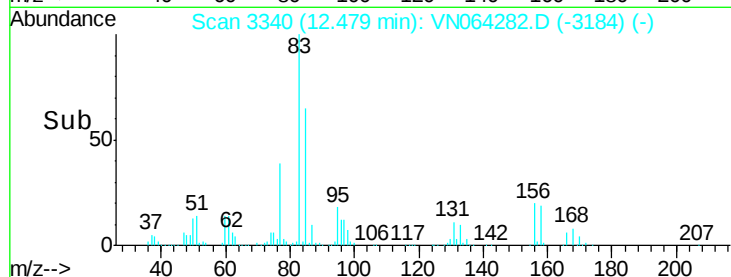
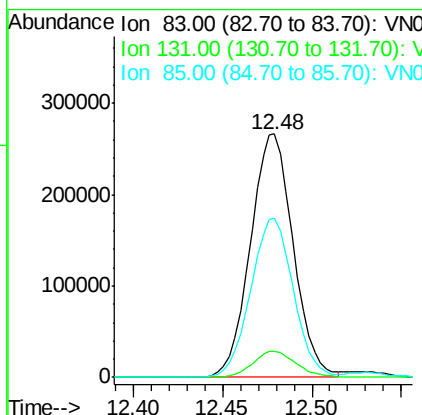
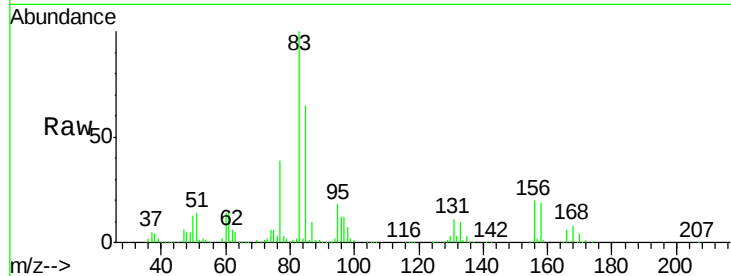
#71
 1,1,2,2-Tetrachloroethane
 Concen: 105.168 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	83	Resp	445653
Ion Ratio	100	Lower	Upper
83	100		
131	10.9	5.7	17.0
85	65.3	33.3	99.8

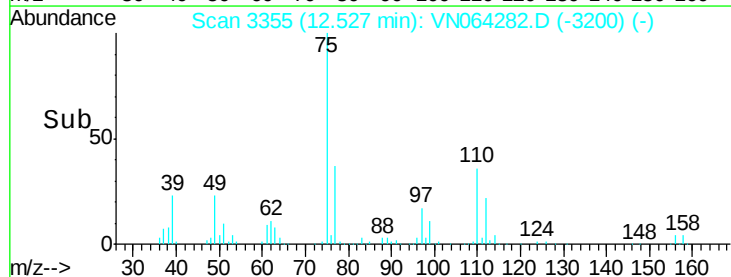
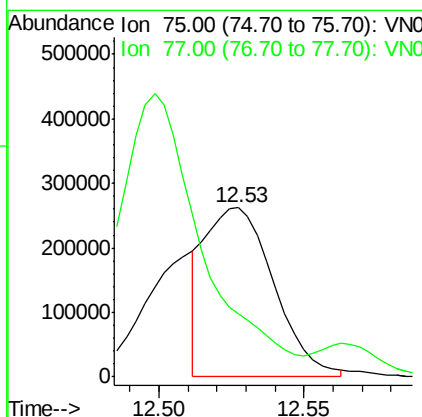
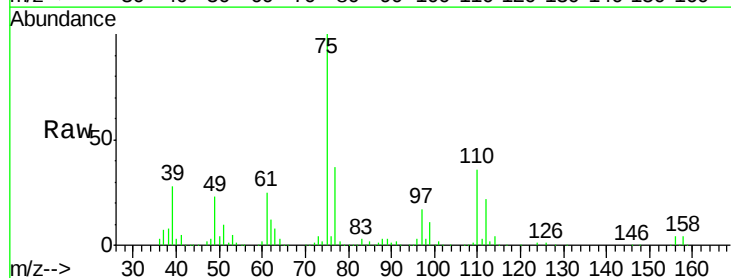
Manual Integrations
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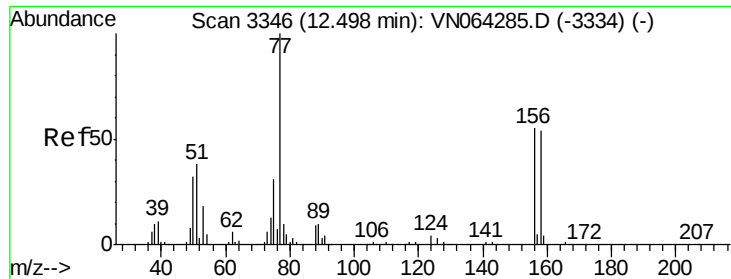
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#72
 1,2,3-Trichloropropane
 Concen: 97.874 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion	75	Resp	436937
Ion Ratio	100	Lower	Upper
75	100		
77	203.2	0.0	365.2





#73

Bromobenzene

Concen: 109.602 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

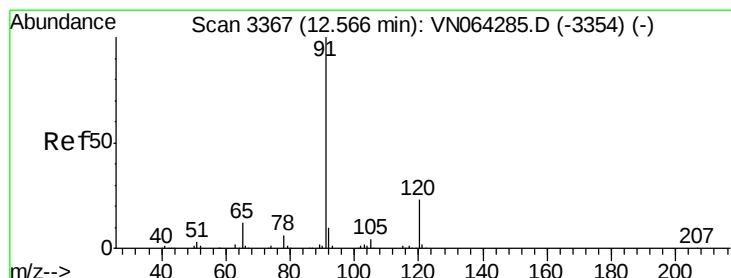
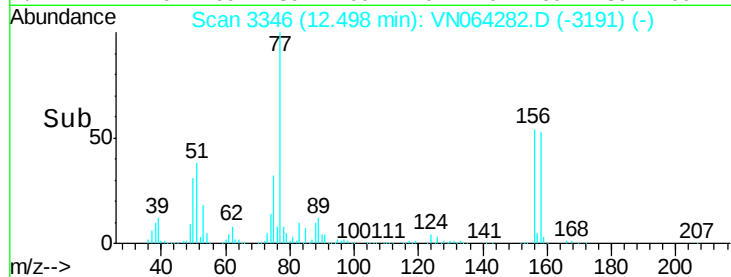
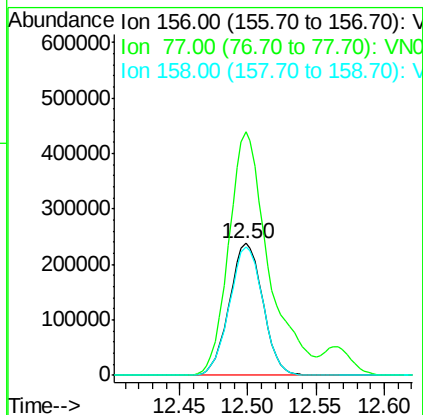
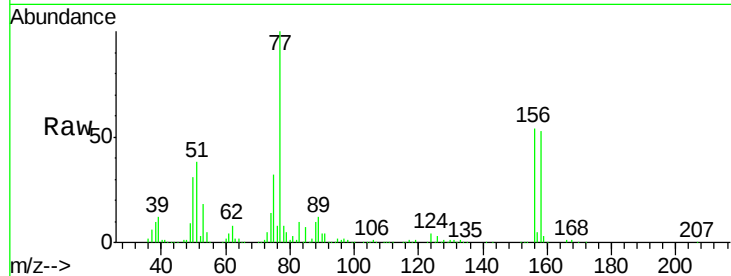
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
156	100	406186		
77	218.6	0.0	450.2	
158	97.4	0.0	194.8	

Manual Integrations
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#74

n-propylbenzene

Concen: 108.860 ug/l

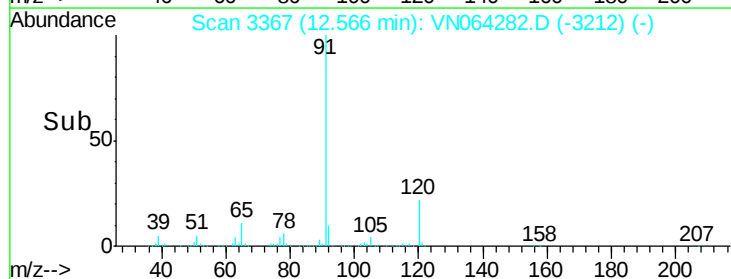
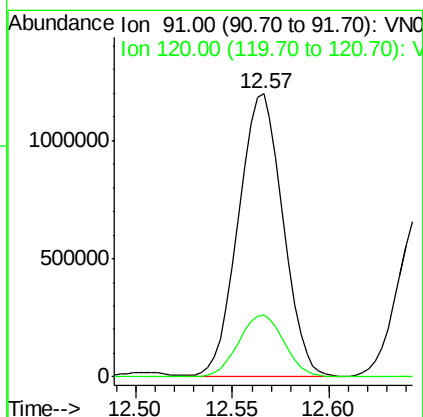
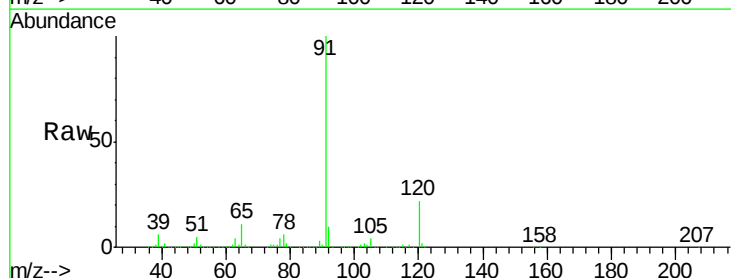
RT: 12.57 min Scan# 3367

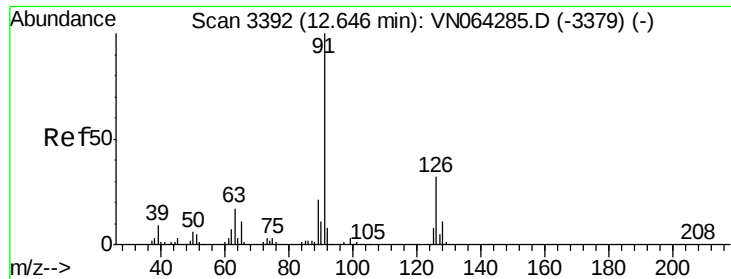
Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1923261		
120	22.3	0.0	43.6	





#75

2-Chlorotoluene

Concen: 108.188 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1179793

Ion Ratio Lower Upper

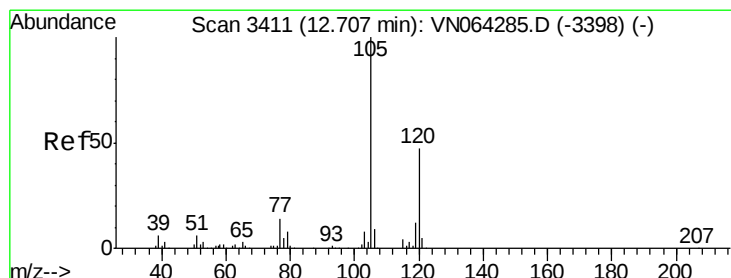
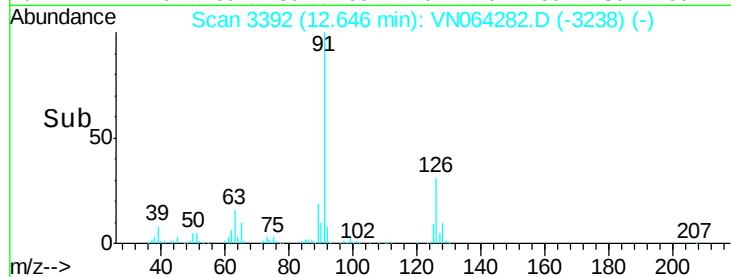
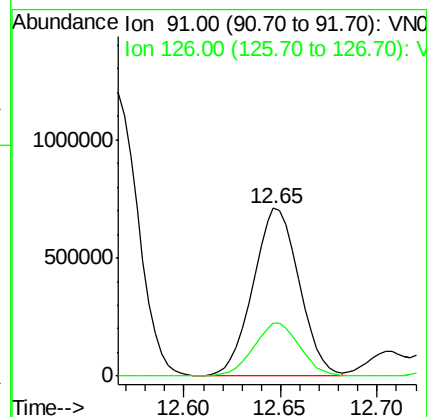
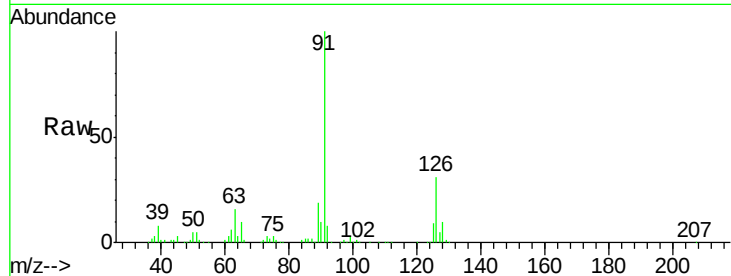
91 100

126 31.7 0.0 62.8

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#76

1,3,5-Trimethylbenzene

Concen: 107.598 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064282.D

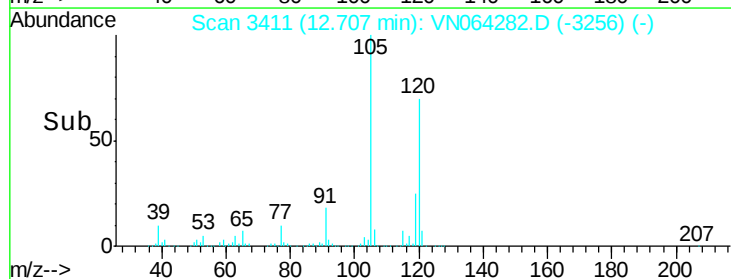
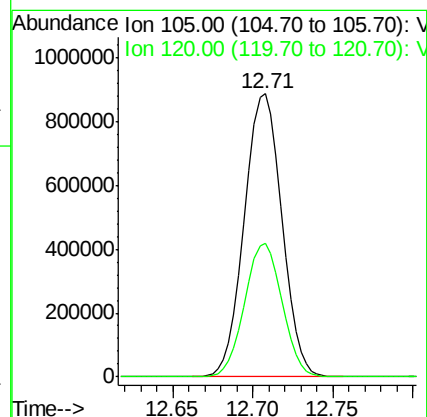
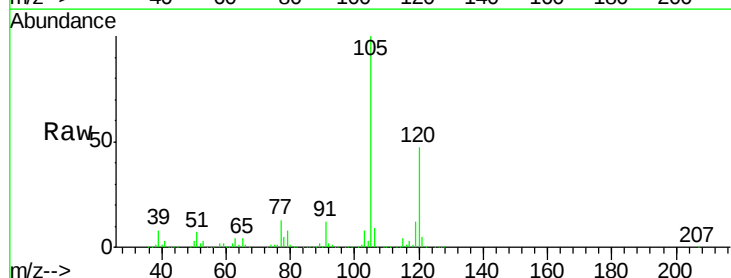
Acq: 23 Oct 2020 11:09

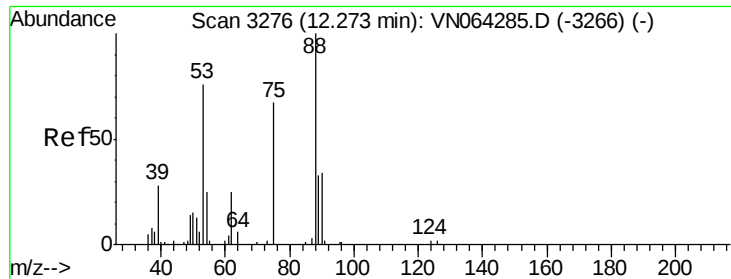
Tgt Ion: 105 Resp: 1414844

Ion Ratio Lower Upper

105 100

120 47.0 0.0 92.8





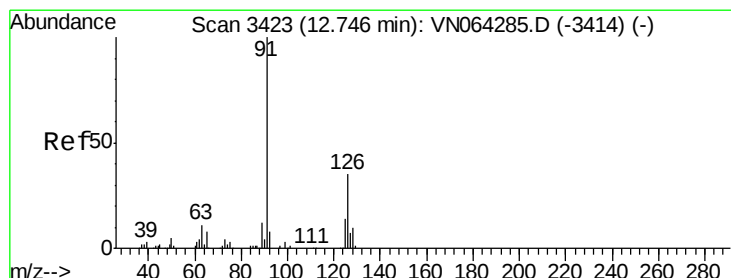
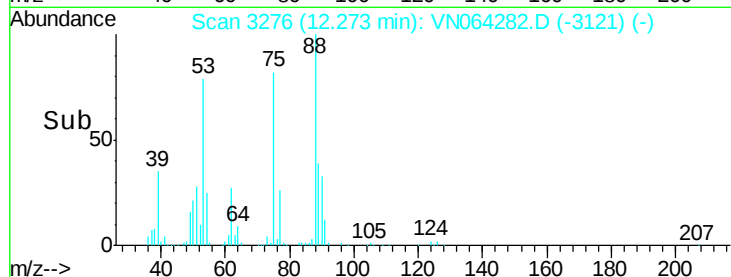
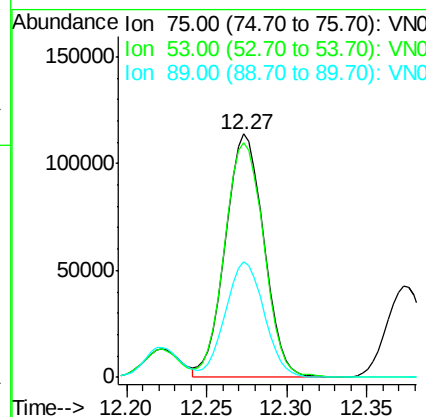
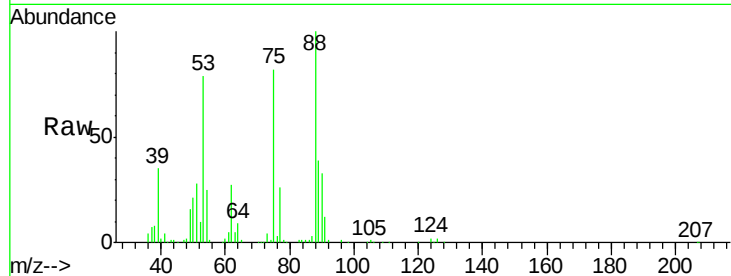
#77
t-1,4-Dichloro-2-butene
Concen: 107.896 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	44.8	134.3
89	47.5	22.2	66.6

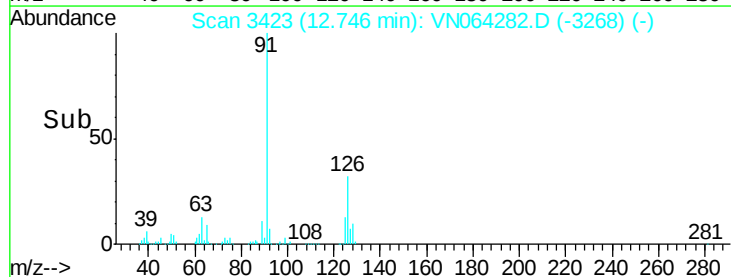
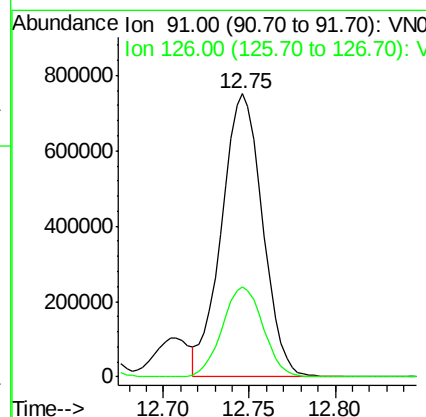
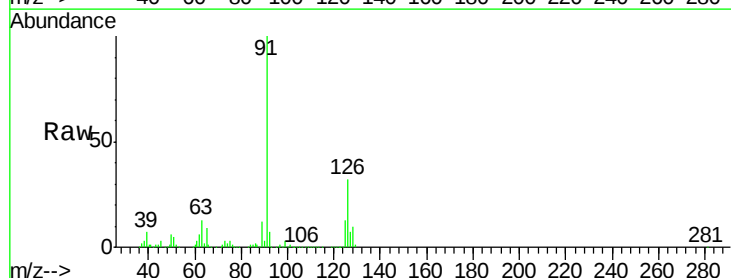
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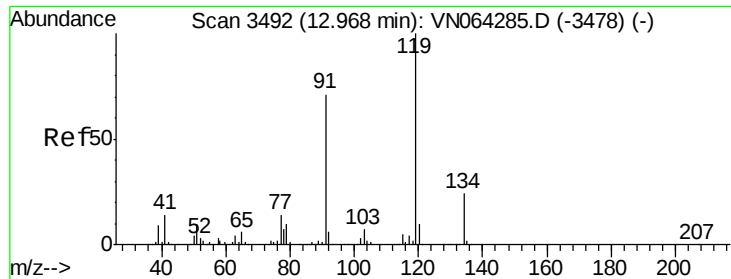
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#78
4-Chlorotoluene
Concen: 108.691 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	62.2





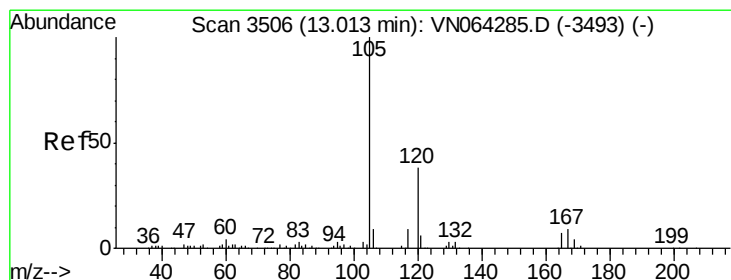
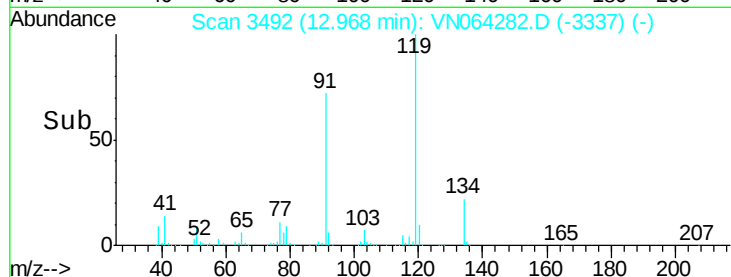
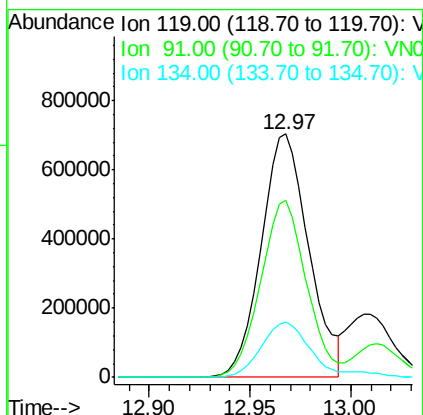
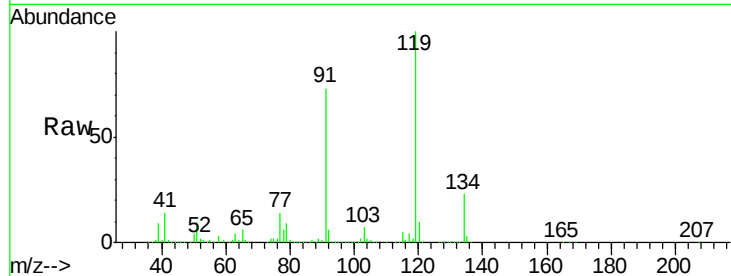
#79
tert-butylbenzene
Concen: 107.245 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.7	0.0	140.0
134	22.9	0.0	45.8

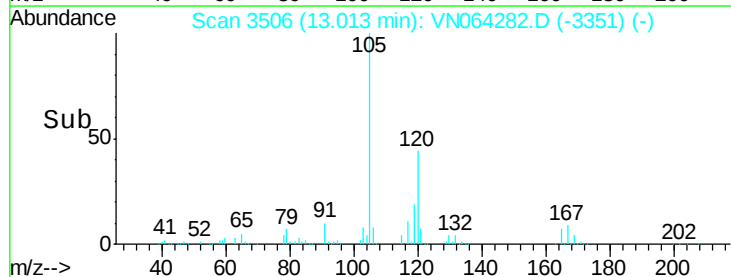
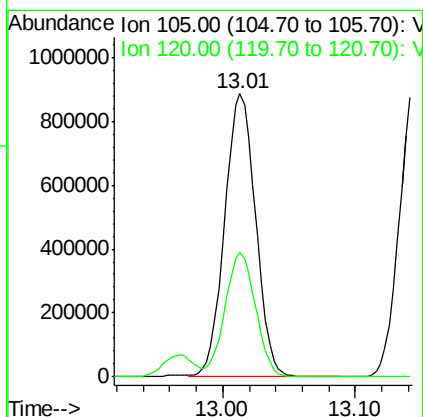
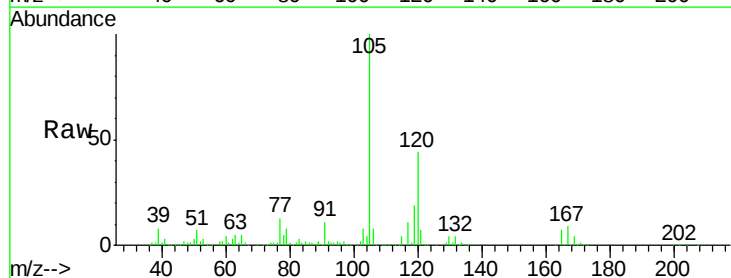
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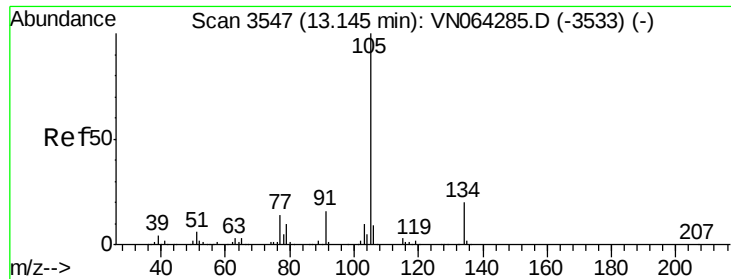
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#80
1,2,4-Trimethylbenzene
Concen: 107.978 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	0.0	87.4





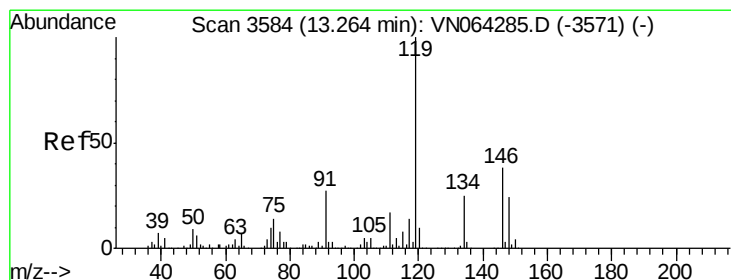
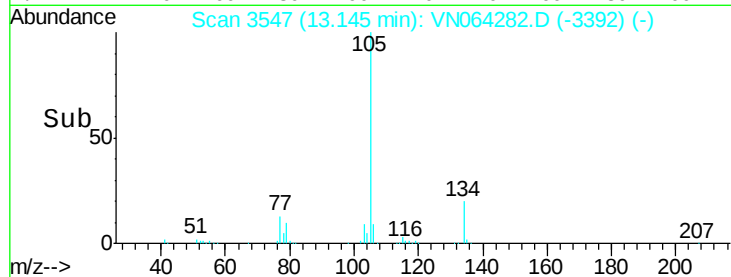
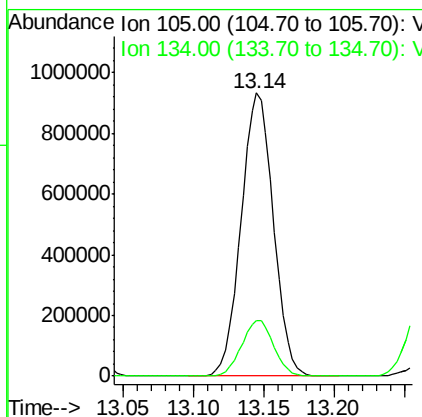
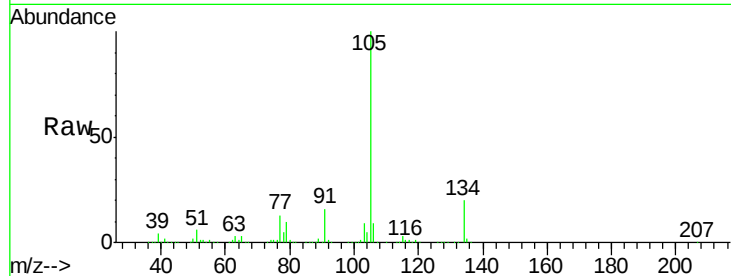
#81
 sec-Butylbenzene
 Concen: 107.411 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC100

Tot Ion:105 Resp: 1493196
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 36.8

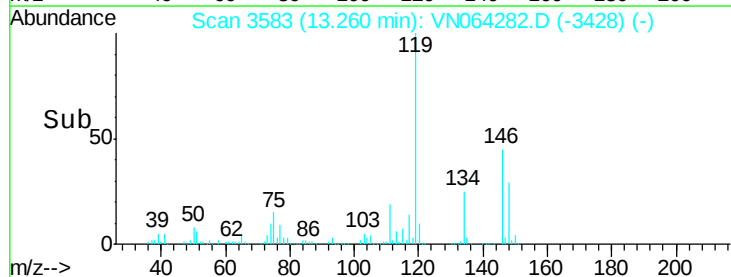
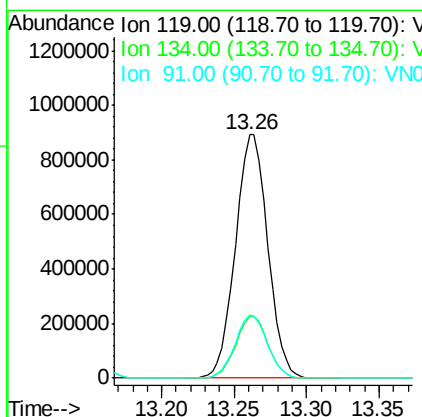
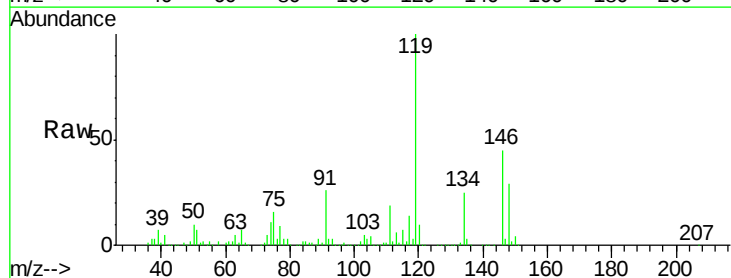
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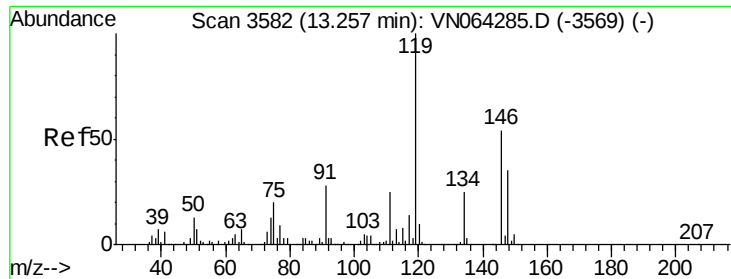
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#82
 p-Isopropyltoluene
 Concen: 106.966 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion:119 Resp: 1379840
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 47.8
 91 25.7 0.0 55.8





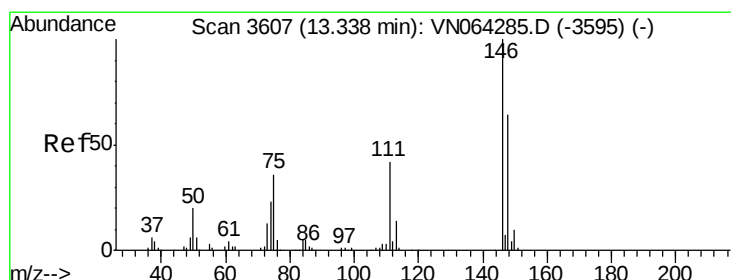
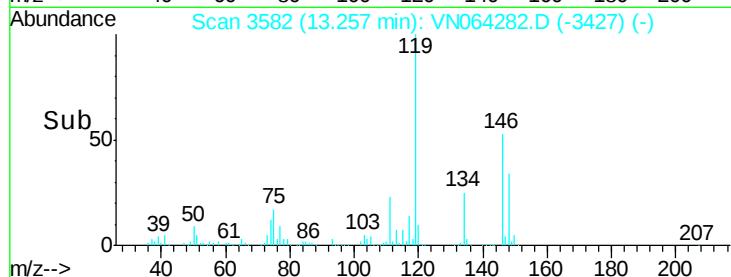
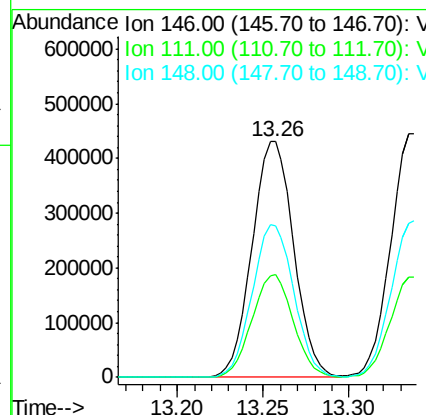
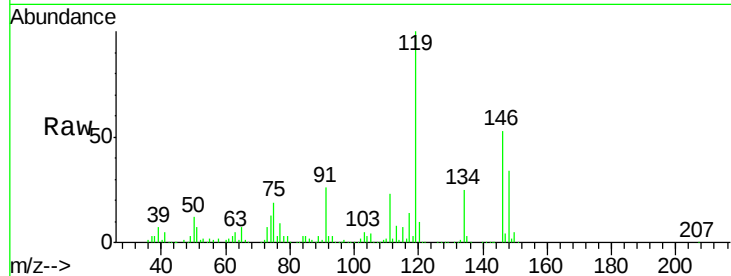
#83
 1,3-Dichlorobenzene
 Concen: 108.318 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.1	66.5
148	64.6	31.9	95.5

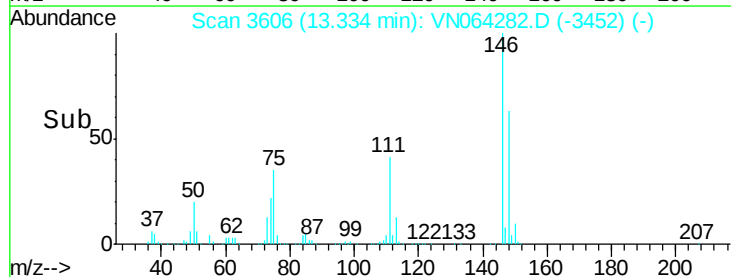
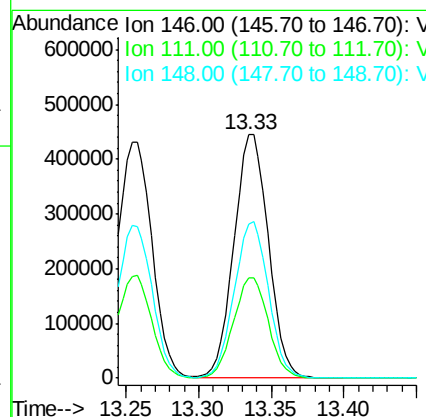
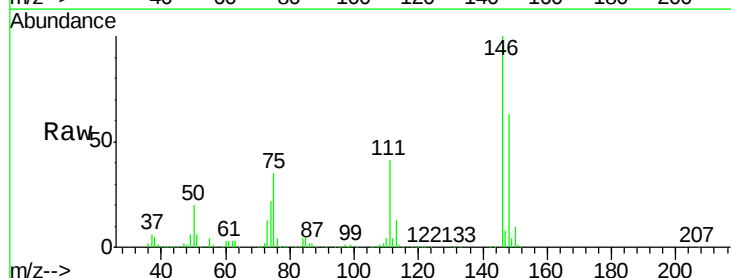
Manual Integrations
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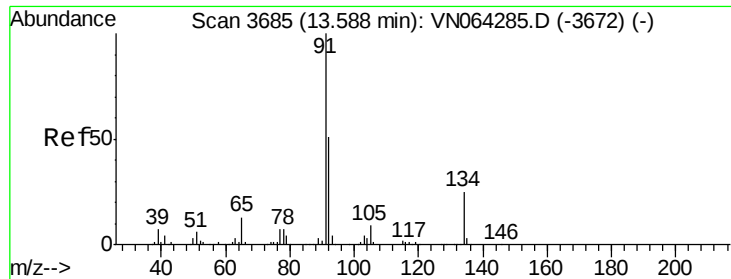
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#84
 1,4-Dichlorobenzene
 Concen: 110.497 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.3	61.0
148	63.4	31.4	94.3





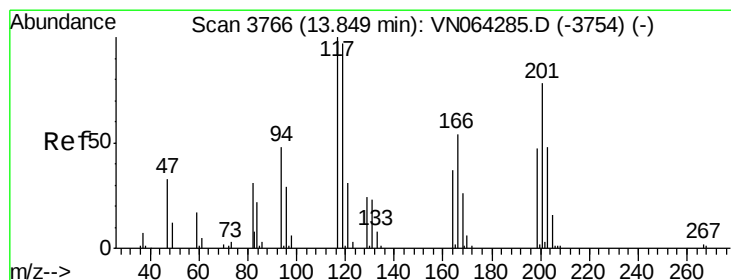
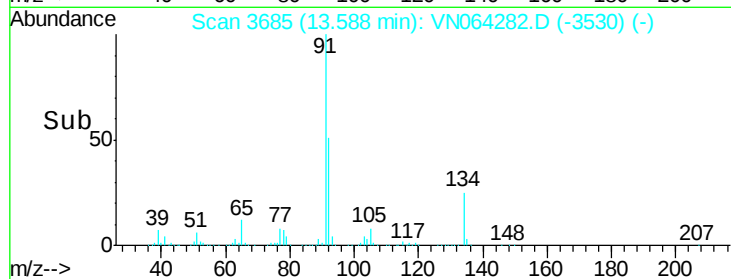
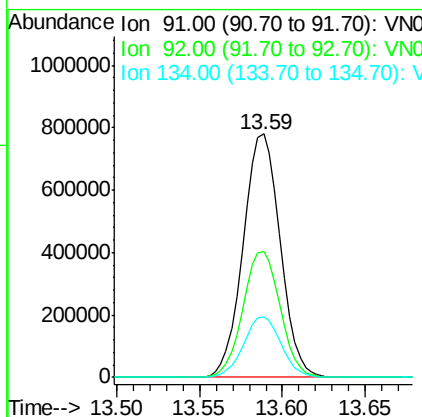
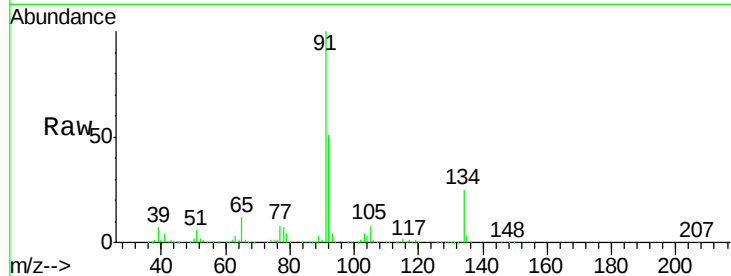
#85
n-Butylbenzene
Concen: 106.442 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	0.0	110.0
134	25.2	0.0	51.6

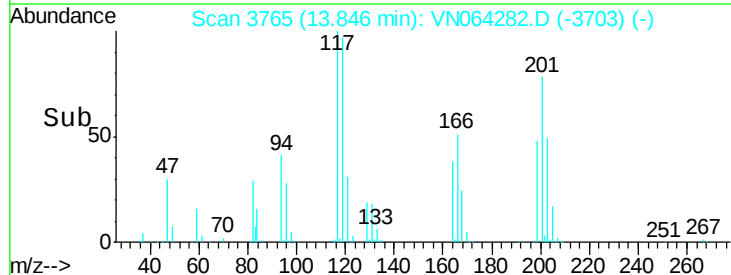
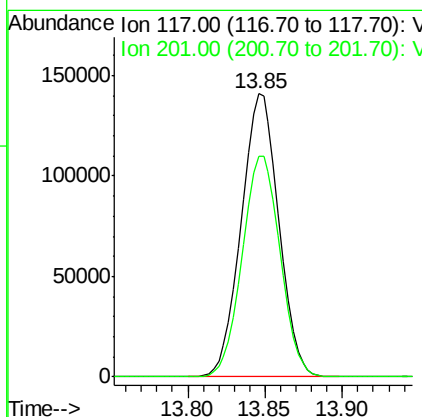
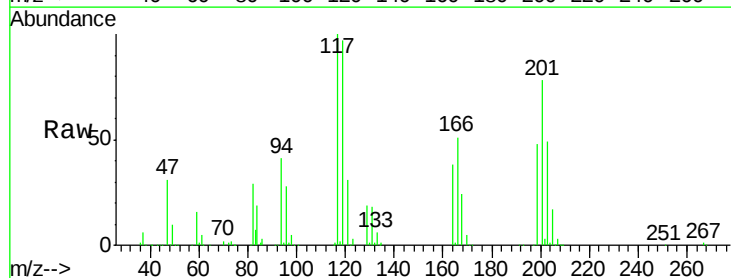
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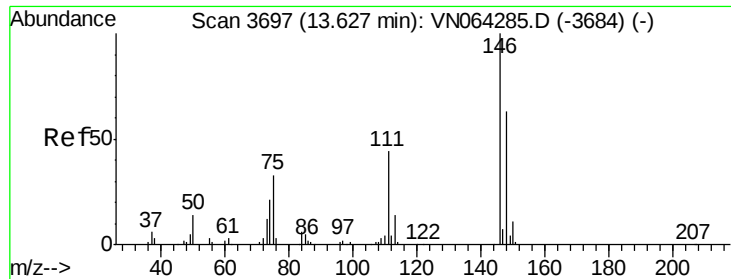
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#86
Hexachloroethane
Concen: 107.836 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.0	37.2	111.6





#87

1,2-Dichlorobenzene

Concen: 108.632 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Instrument :

MSVOA_N

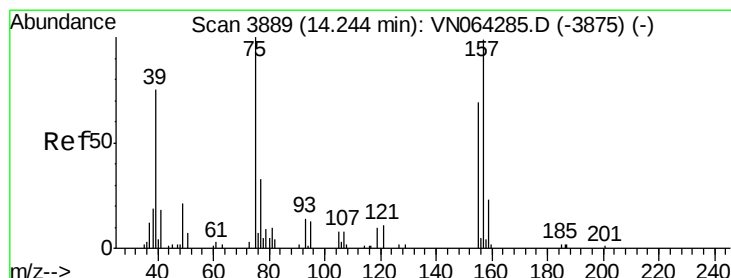
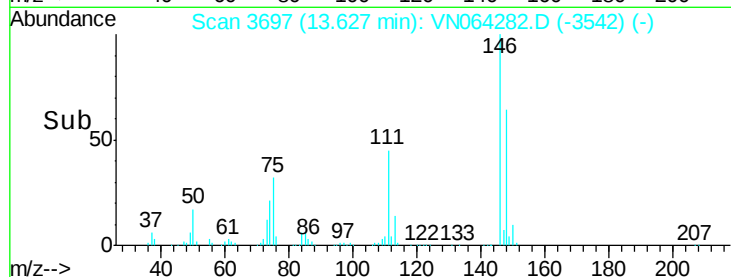
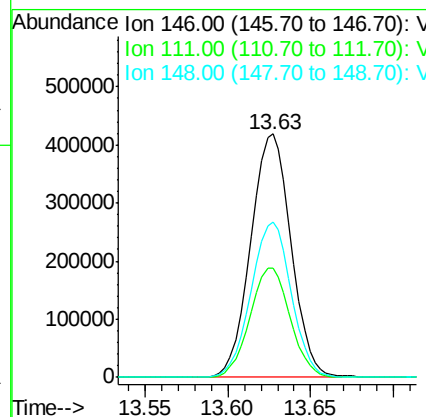
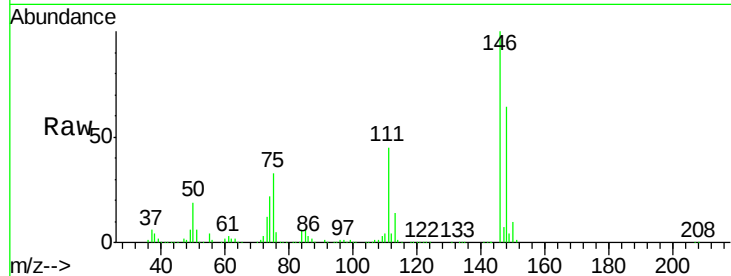
ClientSampled :

VSTDIC100

Tot Ion:	146	Resp:	709125
Ion Ratio	Lower	Upper	
146	100		
111	44.9	23.1	69.3
148	63.8	32.3	96.8

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#88

1,2-Dibromo-3-Chloropropane

Concen: 104.369 ug/l

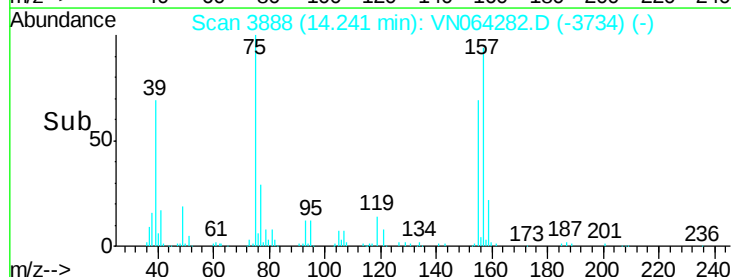
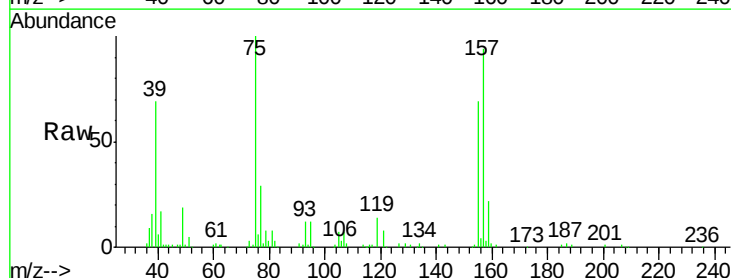
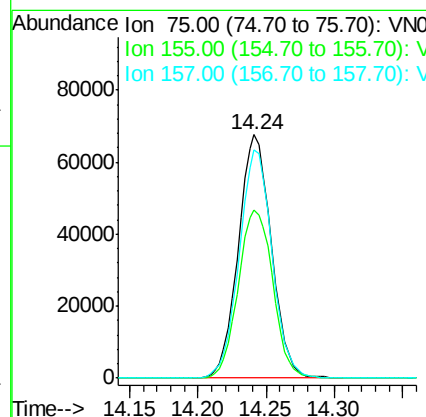
RT: 14.24 min Scan# 3888

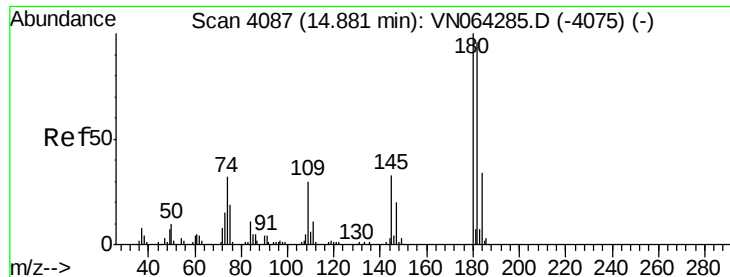
Delta R.T. -0.00 min

Lab File: VN064282.D

Acq: 23 Oct 2020 11:09

Tgt Ion:	75	Resp:	113162
Ion Ratio	Lower	Upper	
75	100		
155	72.7	56.6	84.8
157	93.7	70.1	105.1





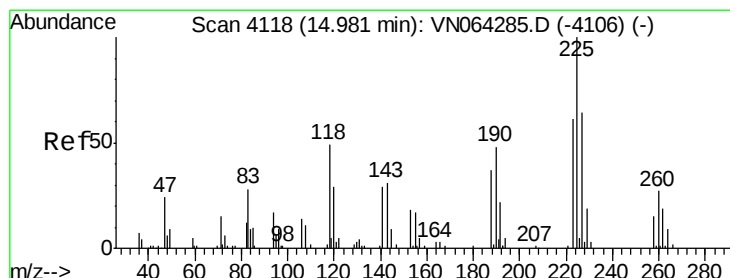
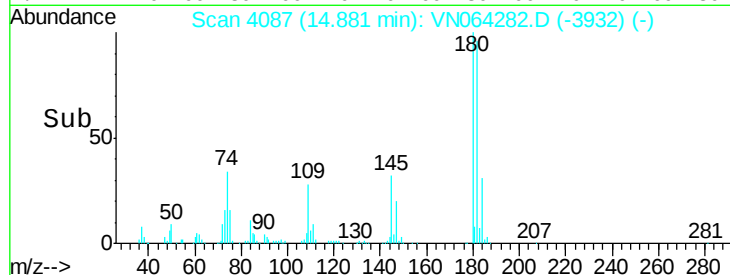
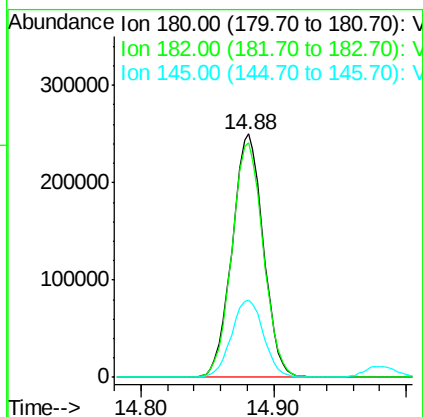
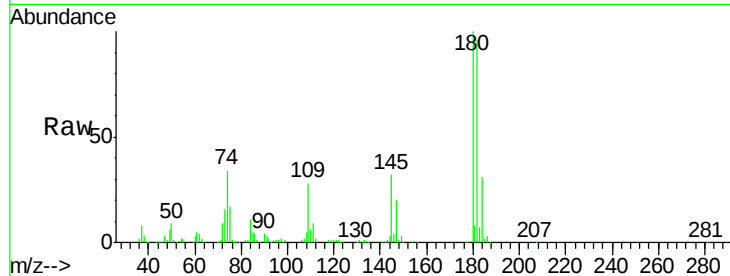
#89
 1,2,4-Trichlorobenzene
 Concen: 106.015 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	408101		
182	97.2	71.3	106.9	
145	32.7	23.9	35.9	

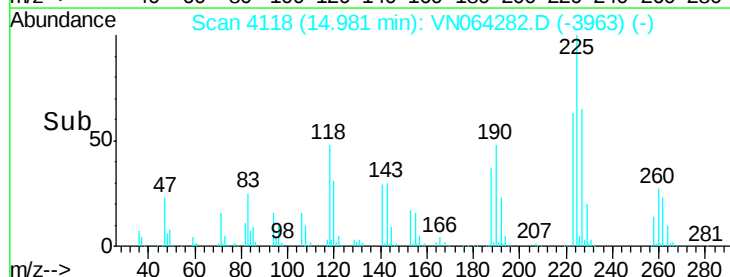
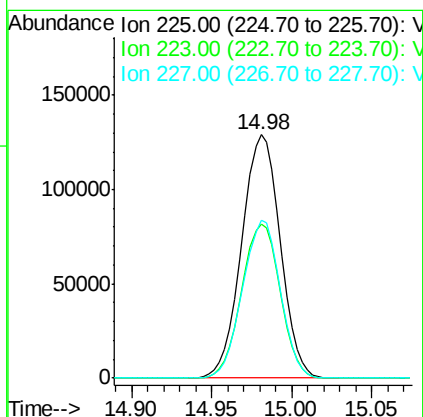
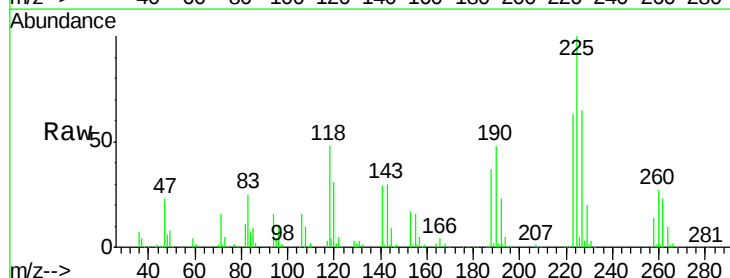
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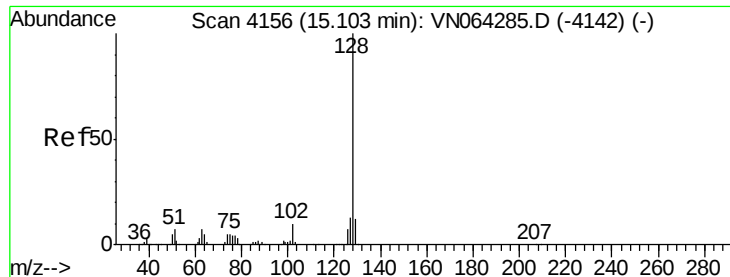
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#90
 Hexachlorobutadiene
 Concen: 106.376 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064282.D
 Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	211949		
223	63.3	0.0	129.8	
227	63.6	0.0	128.6	





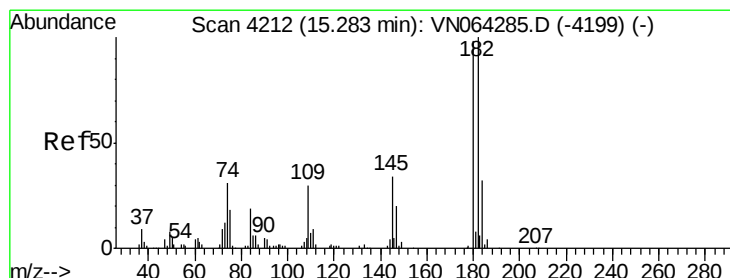
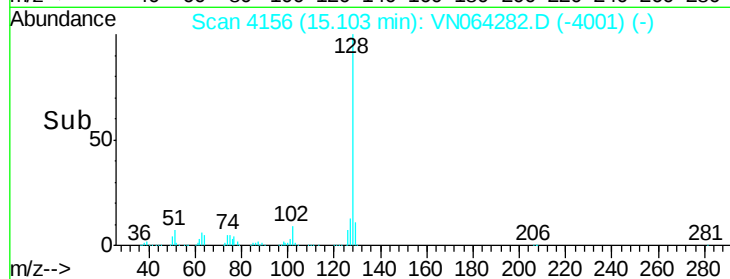
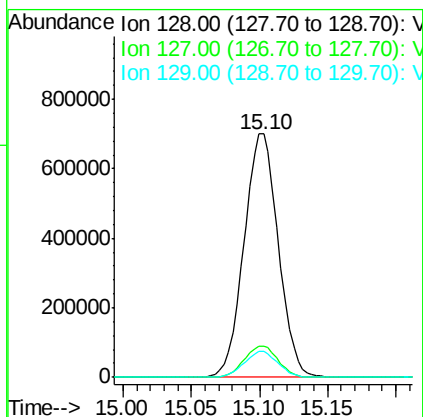
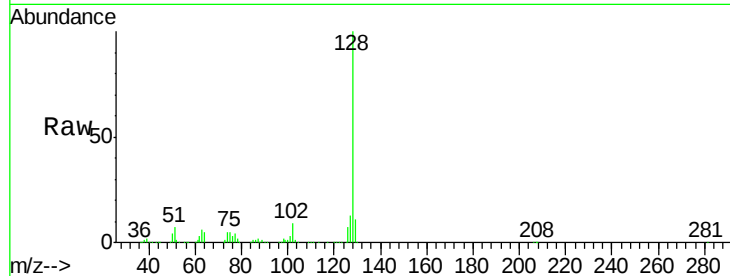
#91
Naphthalene
Concen: 104.277 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.9	14.9
129	10.7	8.3	12.5

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 105.615 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064282.D
Acq: 23 Oct 2020 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	188.8
145	33.1	0.0	70.0

