

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032719\
 Data File : VX008476.D
 Acq On : 27 Mar 2019 12:18
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 9:37:26 AM

Quant Time: Mar 28 02:00:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	40366	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	237975	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	211939	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	100254	29.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.97%
60) 4-Bromofluorobenzene	11.13	95	109478	29.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.83%
63) Toluene-d8	8.71	98	301139	29.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	51961	18.825	ug/l 98
3) Chloromethane	1.32	50	72620	20.081	ug/l 96
4) Vinyl Chloride	1.40	62	67105	18.409	ug/l 99
5) Bromomethane	1.64	94	35784	18.946	ug/l 99
6) Chloroethane	1.72	64	40177	16.840	ug/l 94
7) Trichlorofluoromethane	1.93	101	74539	18.423	ug/l 98
8) Diethyl Ether	2.18	74	34304	17.978	ug/l 80
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47558	18.875	ug/l 92
10) 1,1-Dichloroethene	2.37	96	48194	18.854	ug/l 90
11) Methyl Iodide	2.51	142	39301	14.848	ug/l 95
12) Methyl Acetate	3.18	43	37309	18.008	ug/l 90
13) Acrolein	2.29	56	56862	95.669	ug/l 96
14) Acrylonitrile	3.14	53	173088	90.364	ug/l 99
15) Acetone	2.44	58	51396	87.012	ug/l 92
16) Carbon Disulfide	2.57	76	151909	19.104	ug/l 99
17) Allyl chloride	2.73	41	103767	18.062	ug/l 92
18) Methylene Chloride	2.85	84	56553	18.508	ug/l 88
19) trans-1,2-Dichloroethene	3.16	96	51899	19.004	ug/l 90
20) Diisopropyl ether	3.85	45	202840	18.140	ug/l # 85
21) 1,1-Dichloroethane	3.69	63	103537	18.447	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	58662	18.588	ug/l # 81
23) tert-Butyl Alcohol	3.04	59	68710	88.833	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	172595	18.372	ug/l 100
25) Chloroform	5.21	83	93232	18.338	ug/l 97
26) Cyclohexane	5.57	56	102276	18.757	ug/l # 84
29) 1,1-Dichloropropene	5.79	75	73864	18.450	ug/l 93
30) 2-Butanone	4.67	43	257030	87.306	ug/l 94
31) 2,2-Dichloropropane	4.57	77	73884	18.477	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	75529	18.167	ug/l 94
33) Carbon Tetrachloride	5.78	117	62692	18.023	ug/l 99
34) Benzene	6.13	78	223379	18.253	ug/l # 95
35) Methacrylonitrile	5.04	41	54051	18.054	ug/l 92
36) 1,2-Dichloroethane	6.19	62	79916	18.316	ug/l 98
37) Trichloroethene	7.21	130	51869	18.430	ug/l 82
38) Methylcyclohexane	7.46	83	94022	18.637	ug/l 89
39) 1,2-Dichloropropane	7.51	63	62486	18.002	ug/l 98
40) Dibromomethane	7.66	93	35966	17.887	ug/l 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.89	83	70538	17.841	ug/l	99
42) Vinyl Acetate	3.81	43	910132	91.195	ug/l #	94
43) Ethyl Acetate	4.82	43	93809	17.704	ug/l #	81
44) Isopropyl Acetate	6.44	43	150455	17.560	ug/l	98
45) 1,4-Dioxane	7.74	88	30920	362.511	ug/l #	85
46) Methyl methacrylate	7.76	41	75770	17.412	ug/l	88
47) n-amyl Acetate	10.90	43	135624	17.426	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	79678	17.842	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	90636	18.145	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	53210	17.822	ug/l	99
51) Ethyl methacrylate	9.18	69	97417	17.533	ug/l	93
52) 1,3-Dichloropropane	9.37	76	95094	17.902	ug/l	100
53) Dibromochloromethane	9.58	129	51067	17.381	ug/l	98
54) 1,2-Dibromoethane	9.67	107	54546	17.722	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	280609	100.110	ug/l	95
56) Bromoform	10.85	173	36303	16.954	ug/l #	99
58) 4-Methyl-2-Pentanone	8.63	43	490305	87.690	ug/l	95
59) 2-Hexanone	9.49	43	386342	87.459	ug/l	97
61) Tetrachloroethene	9.34	164	42948	18.526	ug/l	99
62) Toluene	8.78	91	234238	18.254	ug/l	100
64) Chlorobenzene	10.13	112	137418	18.276	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	47405	17.882	ug/l	98
66) Ethyl Benzene	10.25	91	259957	18.252	ug/l	97
67) m/p-Xylenes	10.35	106	189495	36.477	ug/l	90
68) o-Xylene	10.69	106	91819	18.062	ug/l	91
69) Styrene	10.71	104	159949	18.082	ug/l	96
70) Isopropylbenzene	11.02	105	248127	18.503	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.26	83	89334	17.832	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	76587m	18.086	ug/l	
73) Bromobenzene	11.26	156	57110	17.900	ug/l	77
74) n-propylbenzene	11.36	91	297024	18.593	ug/l	94
75) 2-Chlorotoluene	11.42	91	173025	18.205	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	209991	18.316	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	27277	16.793	ug/l	91
78) 4-Chlorotoluene	11.51	91	200078	18.291	ug/l	91
79) tert-butylbenzene	12.06	119	216189	18.452	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	208505	18.240	ug/l	96
81) sec-Butylbenzene	11.94	105	242191	18.489	ug/l	96
82) p-Isopropyltoluene	12.06	119	216189	18.452	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	104801	18.503	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	102917	18.183	ug/l	96
85) n-Butylbenzene	12.38	91	206114	18.515	ug/l	97
86) Hexachloroethane	12.59	117	34565	17.657	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	103568	18.147	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	20073	18.078	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	74819	19.005	ug/l	98
90) Hexachlorobutadiene	13.78	225	36302	19.141	ug/l	99
91) Naphthalene	13.83	128	256687	19.031	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	75214	18.967	ug/l	100

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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

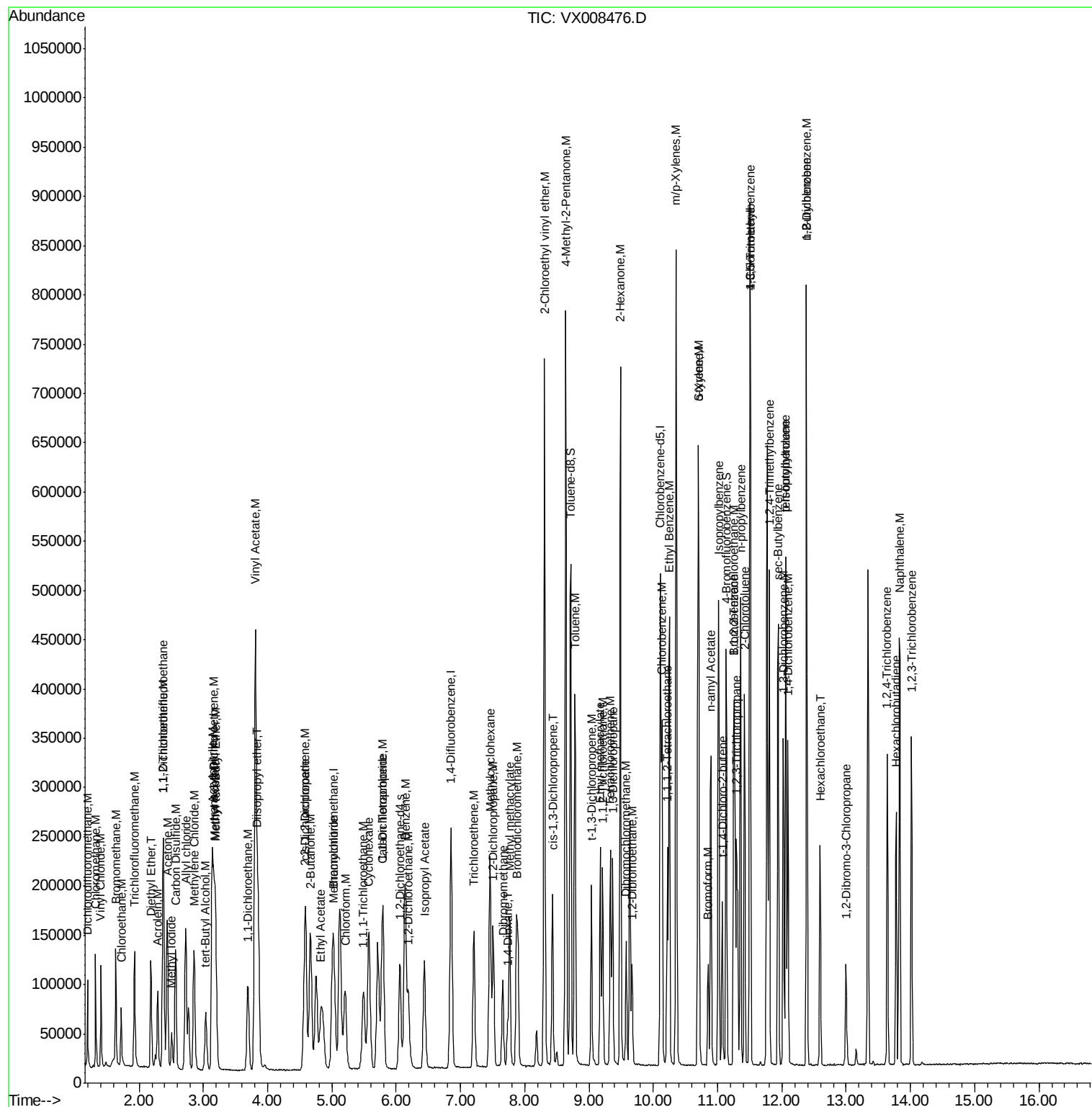
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Data File : VX008476.D
Acq On : 27 Mar 2019 12:18
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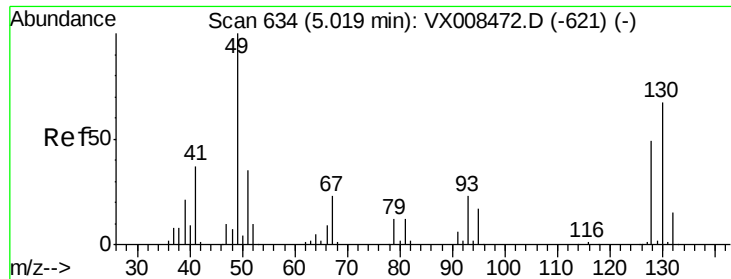
Instrument :
MSVOA_X
ClientSampleID :
ICVVX032719

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion:128 Resp: 40366

Ion Ratio Lower Upper

128 100

49 205.1 0.0 350.8

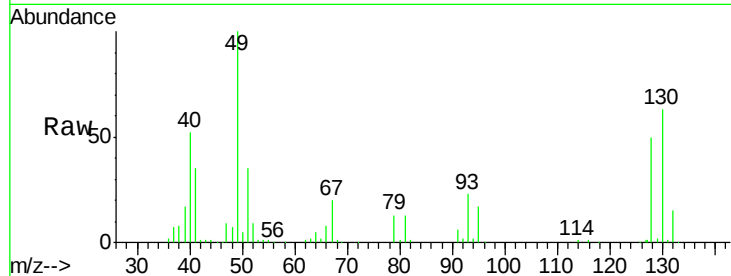
130 127.2 0.0 325.8

Manual Integrations

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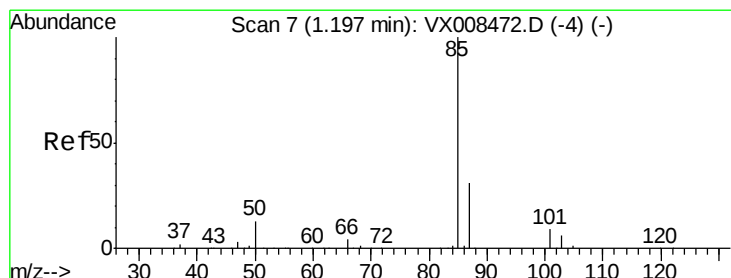
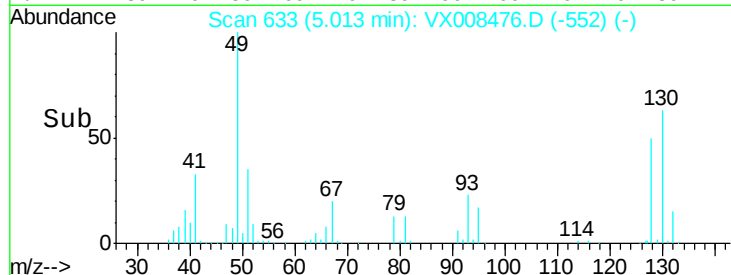
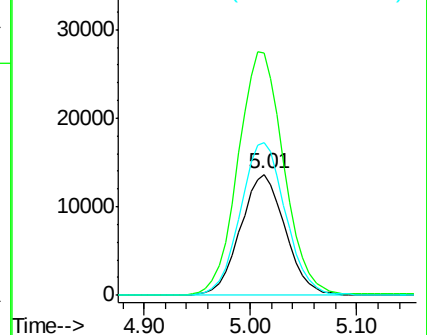
3/28/2019 9:37:26 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.825 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008476.D

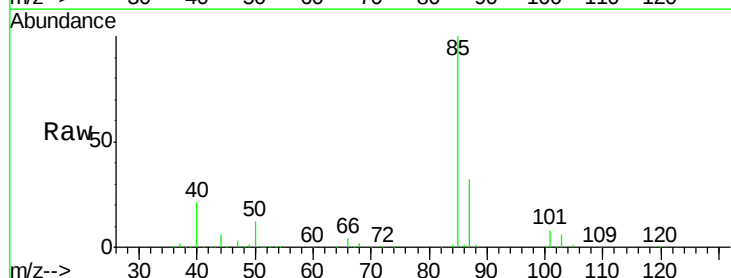
Acq: 27 Mar 2019 12:18

Tgt Ion: 85 Resp: 51961

Ion Ratio Lower Upper

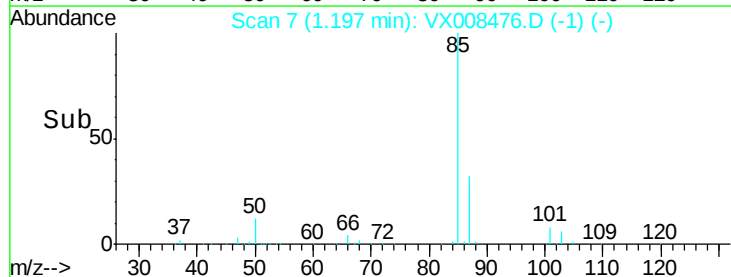
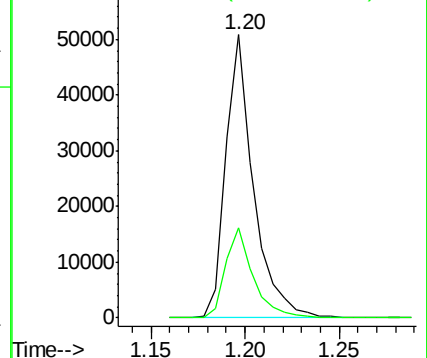
85 100

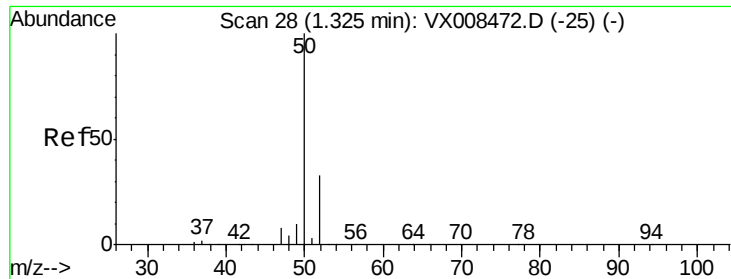
87 31.9 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.081 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion: 50 Resp: 72620

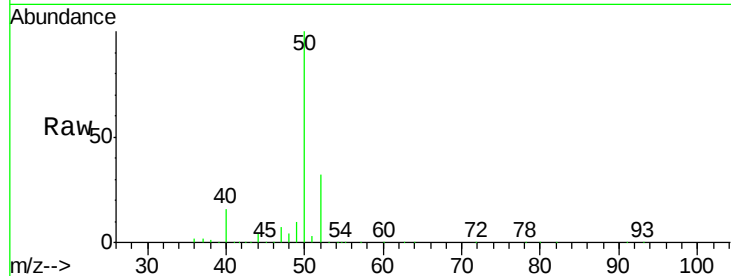
Ion Ratio Lower Upper

50 100

52 32.2 27.5 41.3

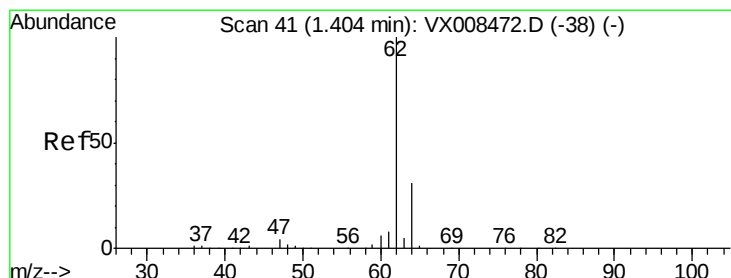
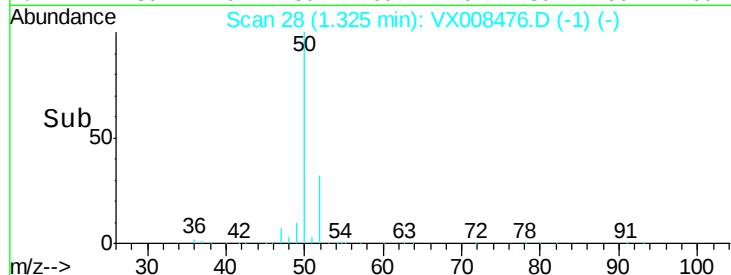
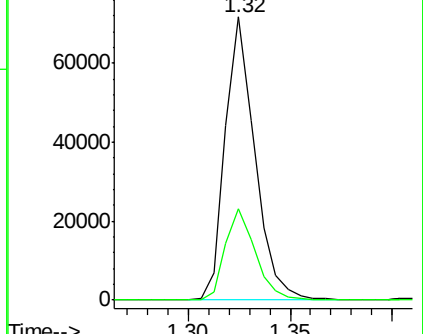
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.409 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008476.D

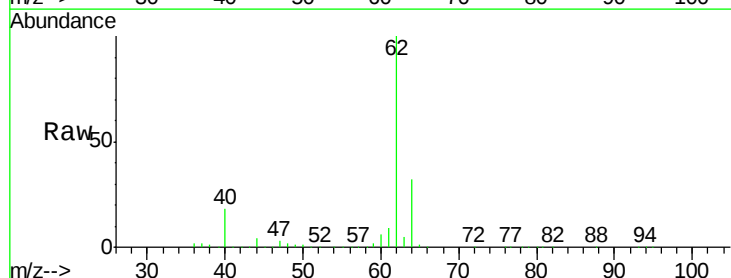
Acq: 27 Mar 2019 12:18

Tgt Ion: 62 Resp: 67105

Ion Ratio Lower Upper

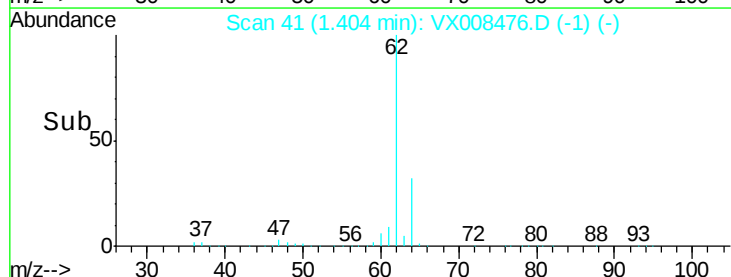
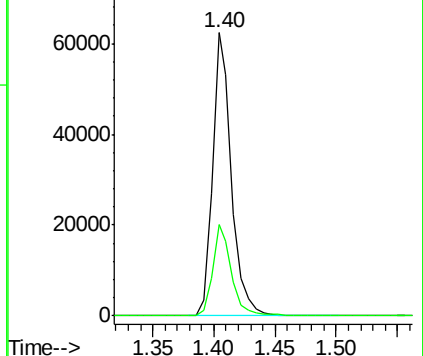
62 100

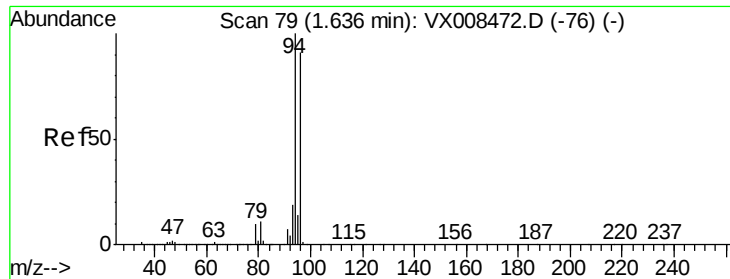
64 32.0 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 18.946 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion: 94 Resp: 35784

Ion Ratio Lower Upper

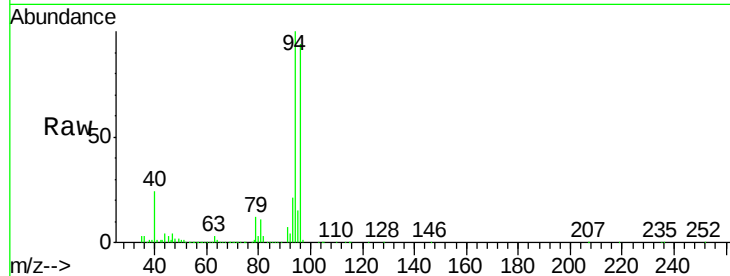
94 100

96 93.8 75.6 113.4

Manual Integrations
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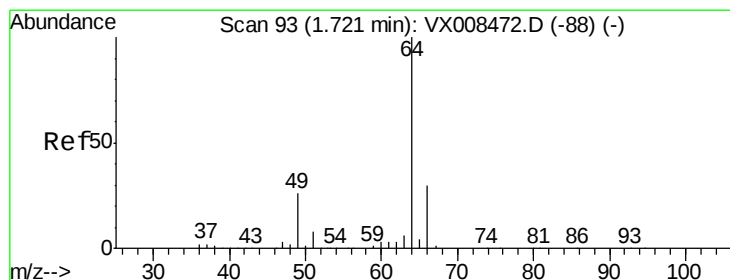
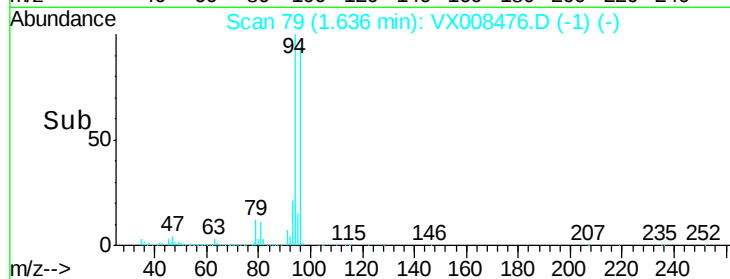
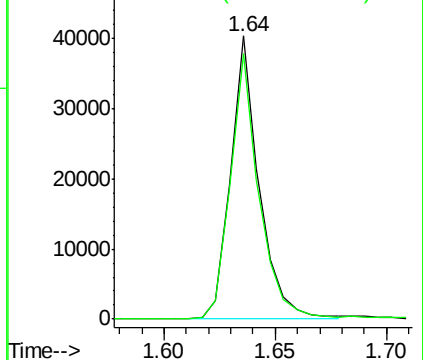
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.840 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008476.D

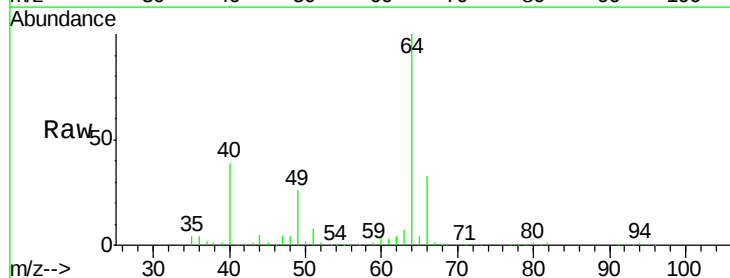
Acq: 27 Mar 2019 12:18

Tgt Ion: 64 Resp: 40177

Ion Ratio Lower Upper

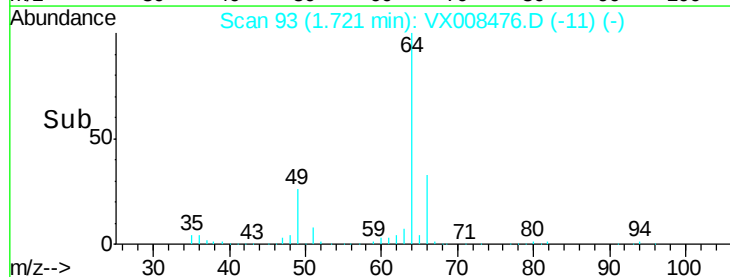
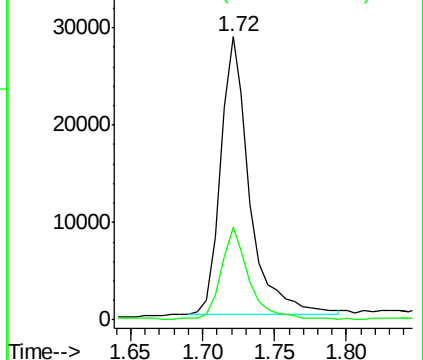
64 100

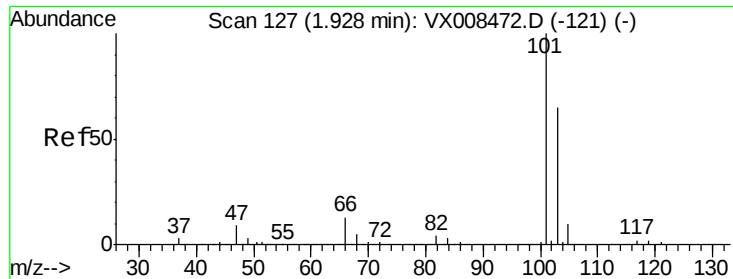
66 33.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

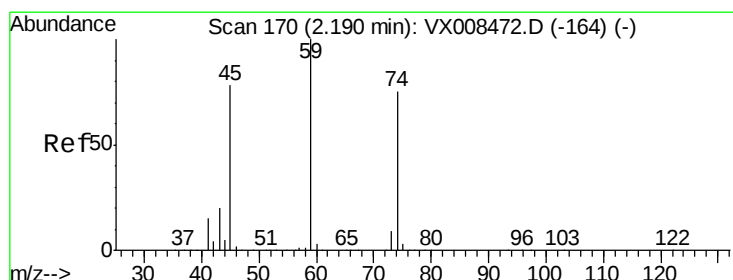
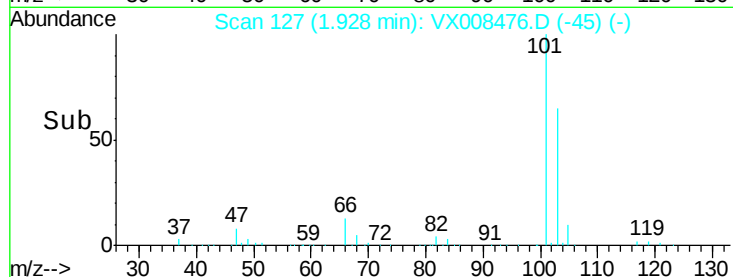
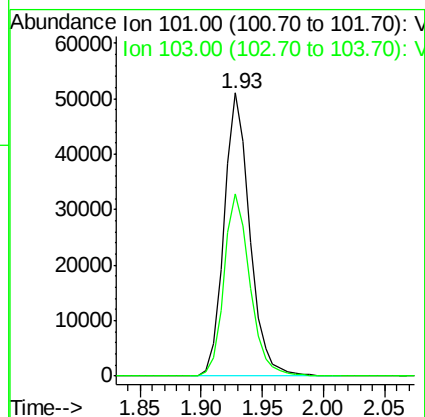
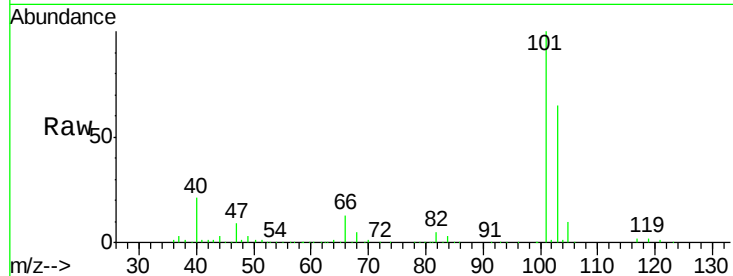
Trichlorofluoromethane
Concen: 18.423 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
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ClientSampleId :
ICVVX032719

Tot Ion:101 Resp: 74539
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6

Manual Integrations
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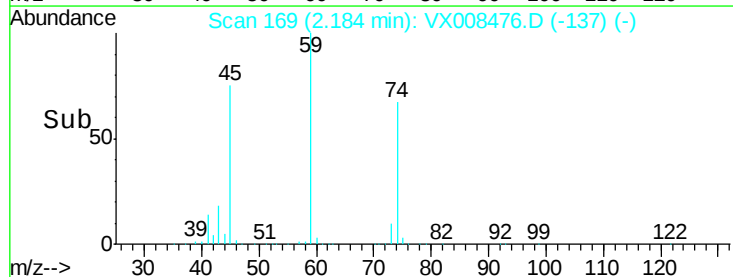
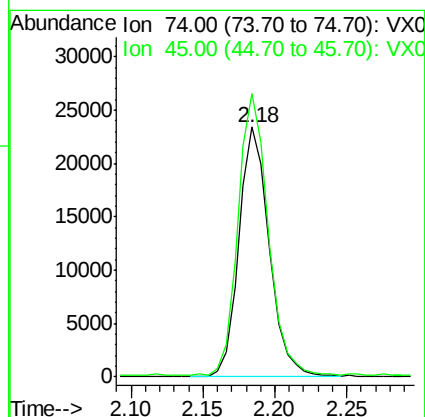
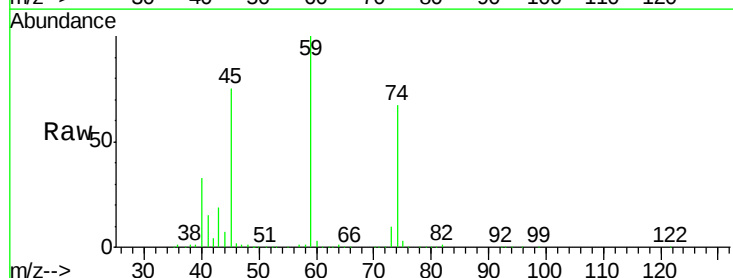
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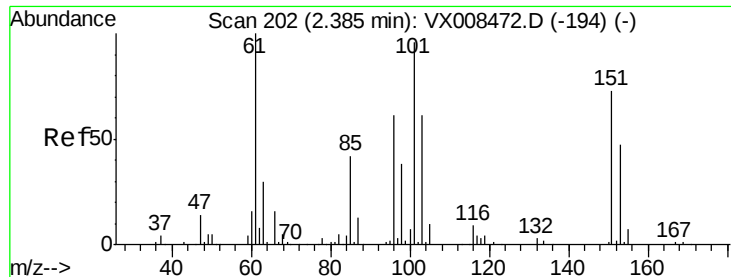


#8

Diethyl Ether
Concen: 17.978 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion: 74 Resp: 34304
Ion Ratio Lower Upper
74 100
45 112.9 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.875 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

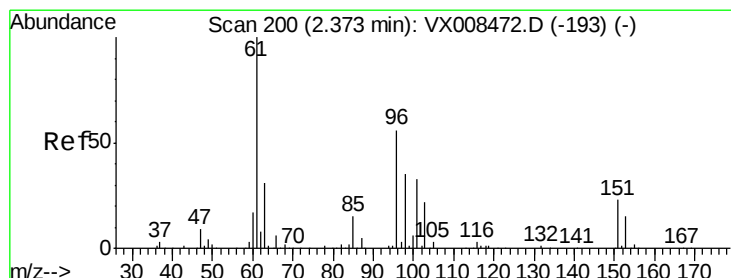
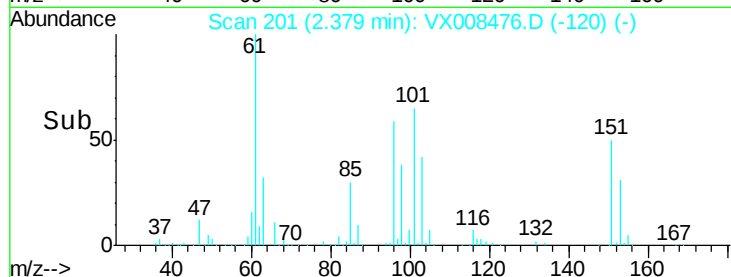
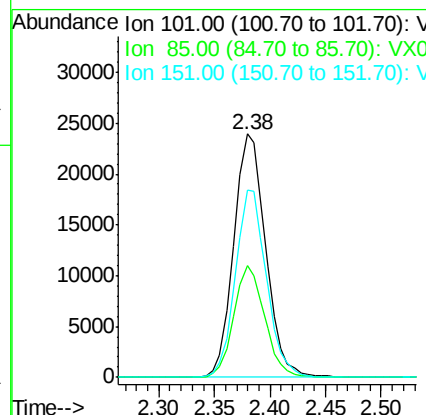
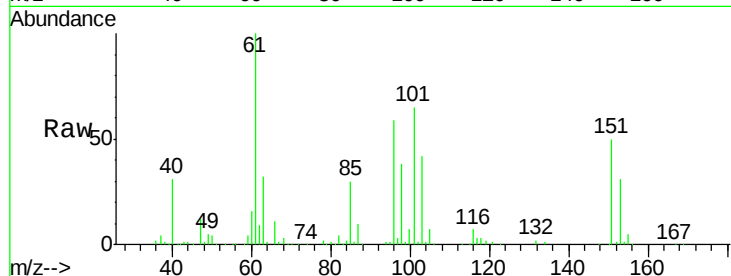
ClientSampleId :

ICVVX032719

Tot Ion:	101	Resp:	47558
Ion Ratio	Lower	Upper	
101	100		
85	44.4	0.0	86.8
151	74.9	0.0	169.2

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#10

1,1-Dichloroethene

Concen: 18.854 ug/l

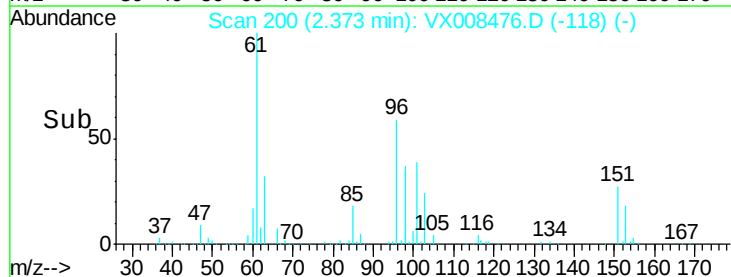
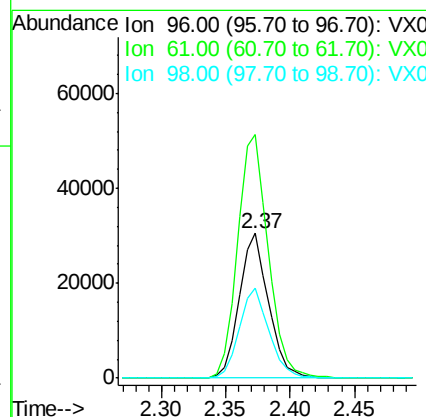
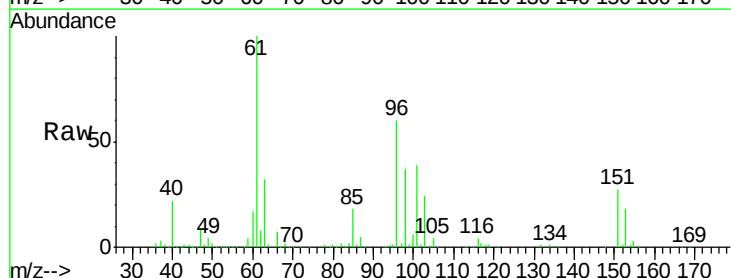
RT: 2.37 min Scan# 200

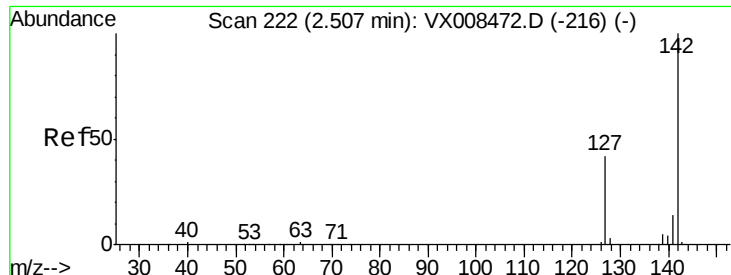
Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Tgt Ion:	96	Resp:	48194
Ion Ratio	Lower	Upper	
96	100		
61	168.0	120.2	180.2
98	61.9	49.0	73.4





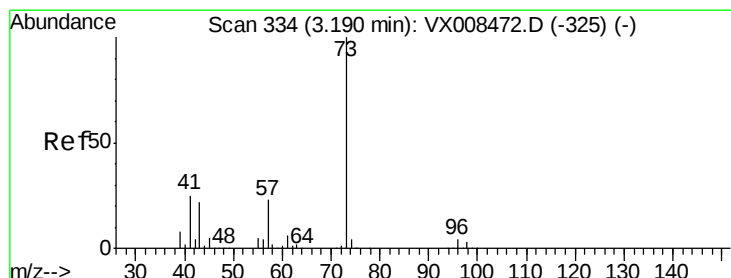
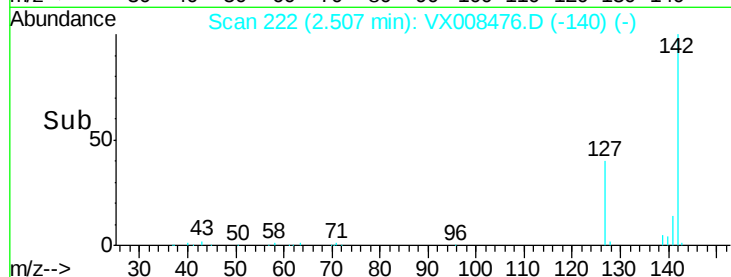
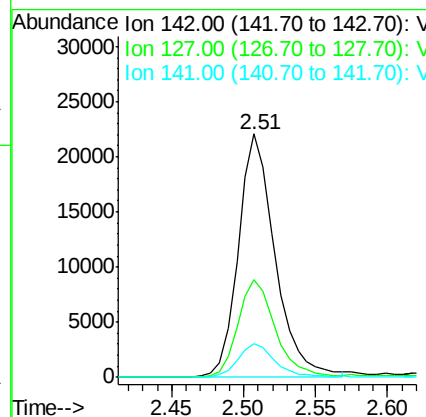
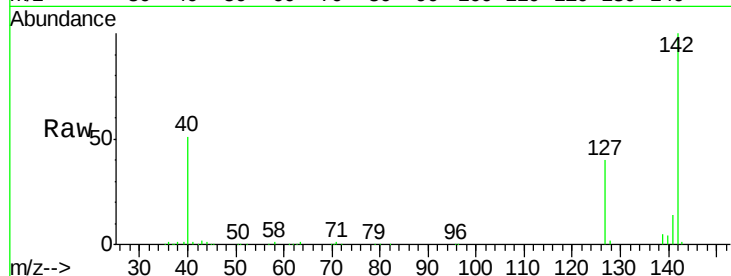
#11
Methvl Iodide
Concen: 14.848 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.3	22.1	66.5
141	13.5	7.4	22.3

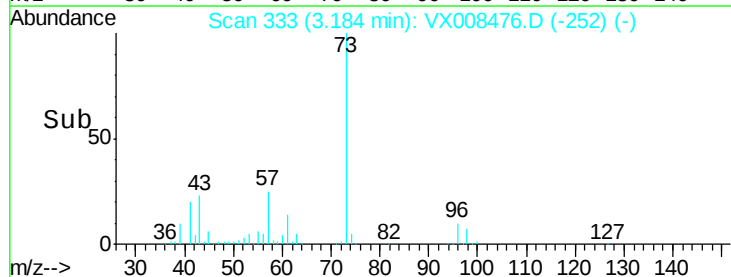
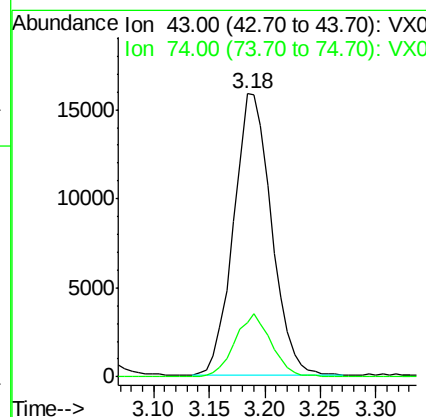
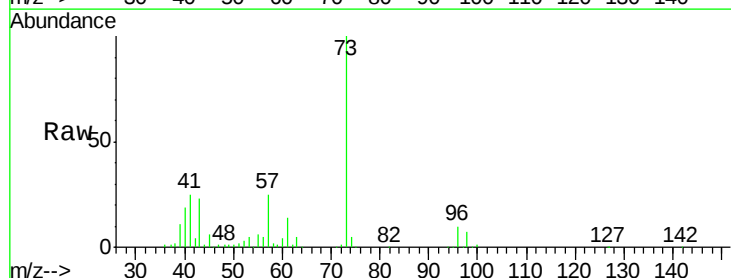
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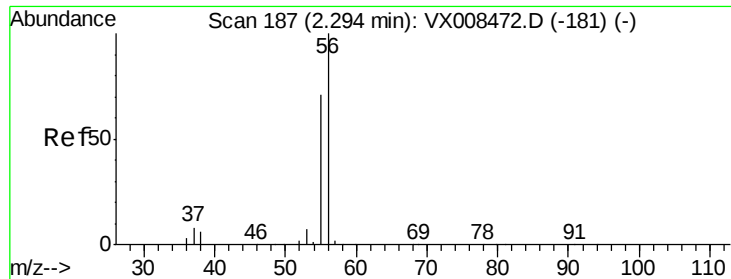
MMDadoda
3/28/2019 9:37:26 AM



#12
Methyl Acetate
Concen: 18.008 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.4	19.4	29.0





#13

Acrolein

Concen: 95.669 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion: 56 Resp: 56862

Ion Ratio Lower Upper

56 100

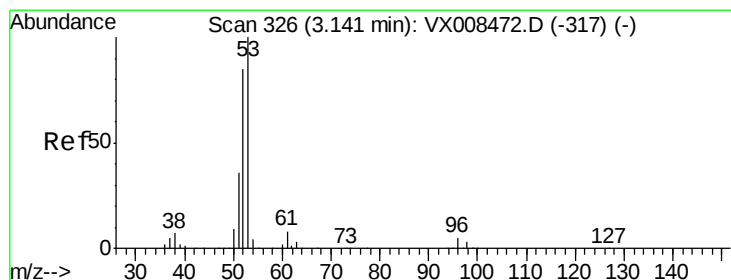
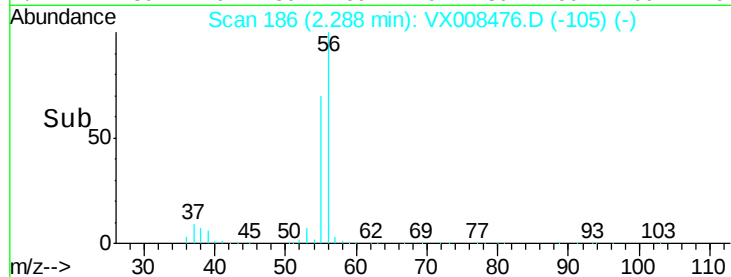
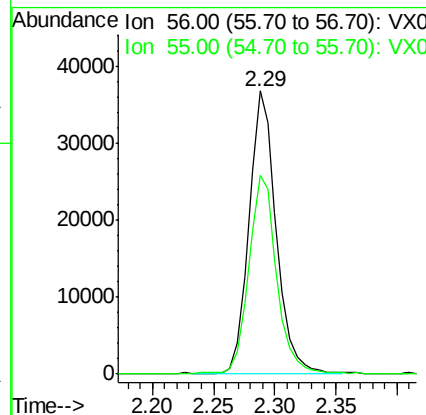
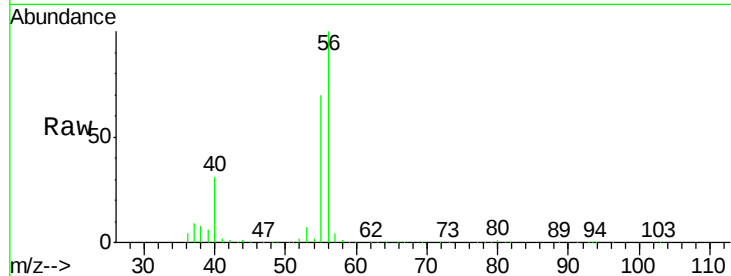
55 69.7 58.6 87.8

Manual Integrations

APPROVED

MMDadoda

3/28/2019 9:37:26 AM



#14

Acrylonitrile

Concen: 90.364 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

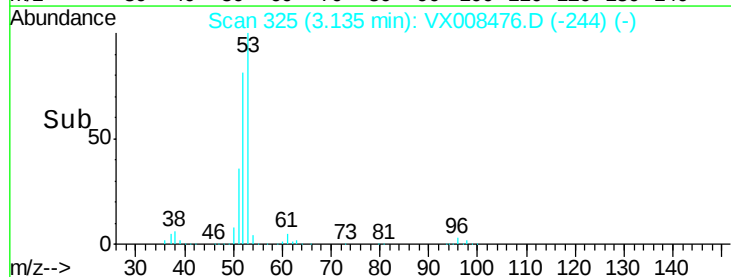
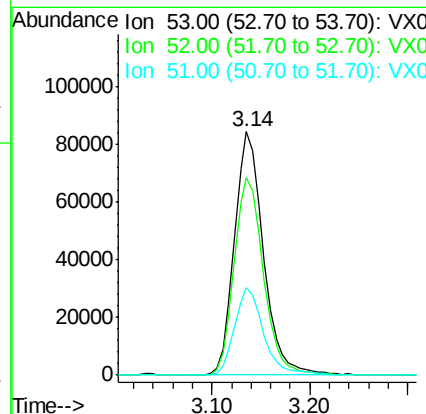
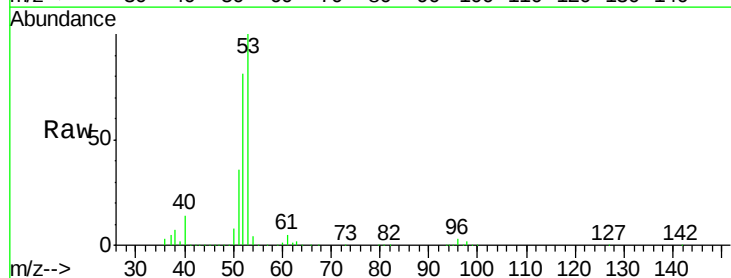
Tgt Ion: 53 Resp: 173088

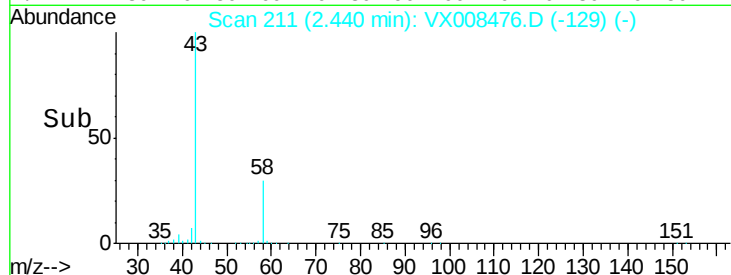
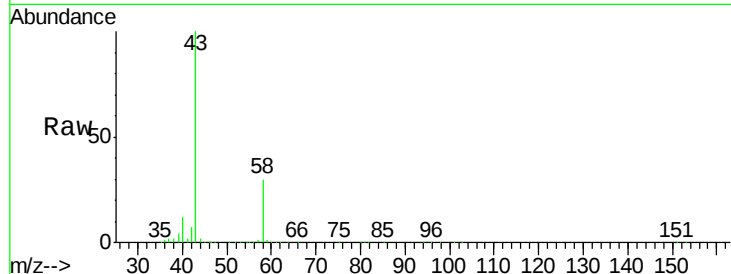
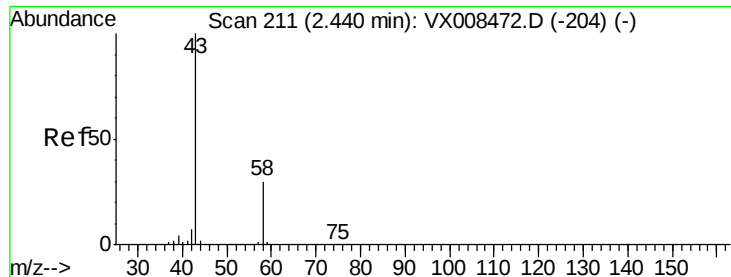
Ion Ratio Lower Upper

53 100

52 81.9 41.3 124.1

51 36.1 17.5 52.6





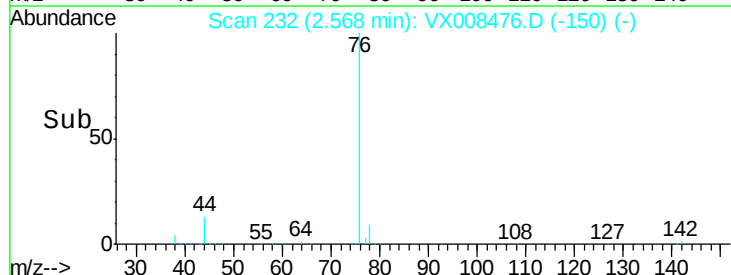
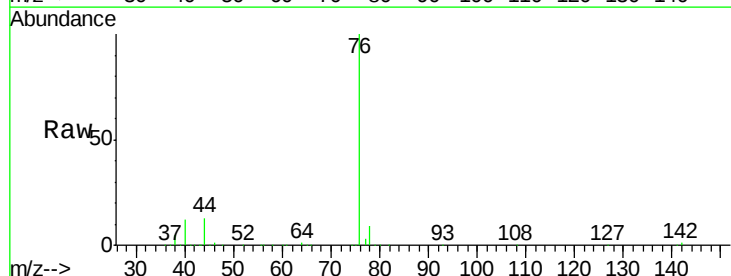
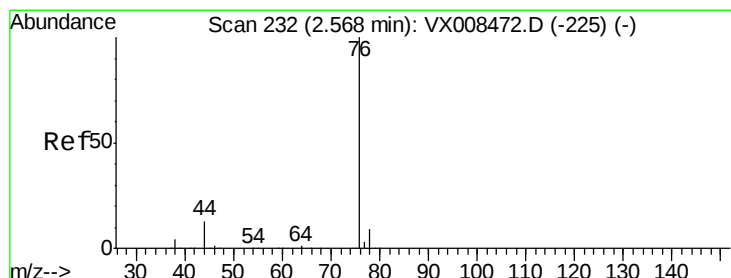
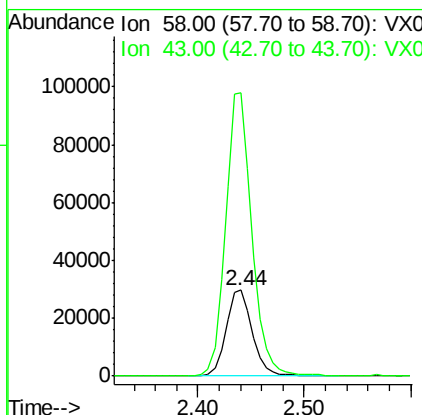
#15
Acetone
Concen: 87.012 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tot Ion: 58 Resp: 51396
Ion Ratio Lower Upper
58 100
43 328.3 249.8 374.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

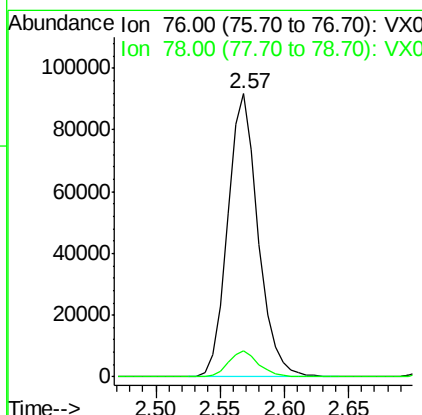
Manual Integrations
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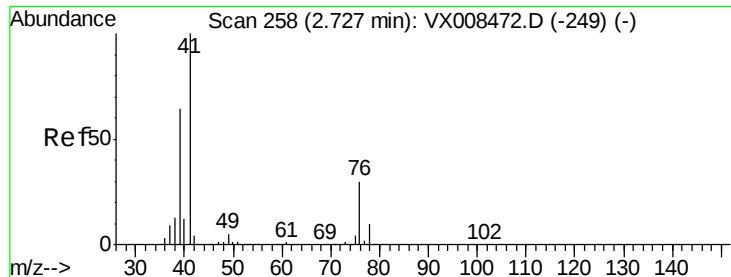
MMDadoda
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#16
Carbon Disulfide
Concen: 19.104 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion: 76 Resp: 151909
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





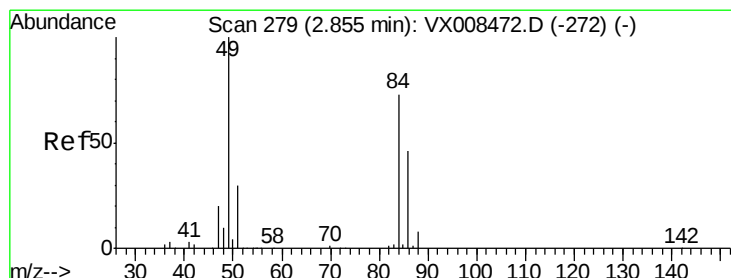
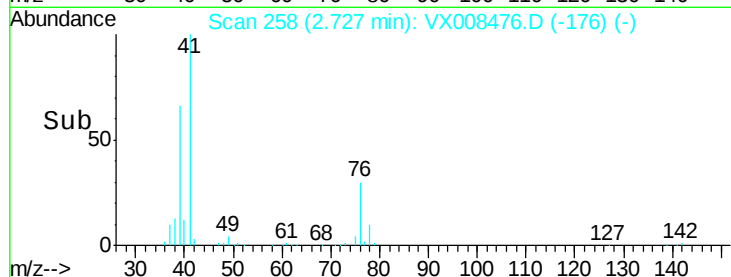
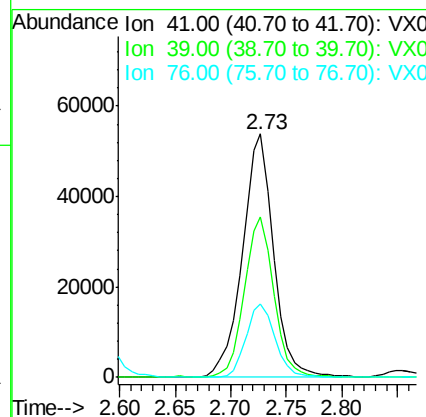
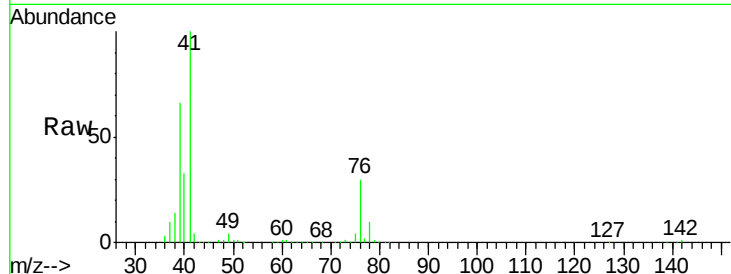
#17
Allvl chloride
Concen: 18.062 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.8	35.8	107.4
76	30.2	18.3	54.9

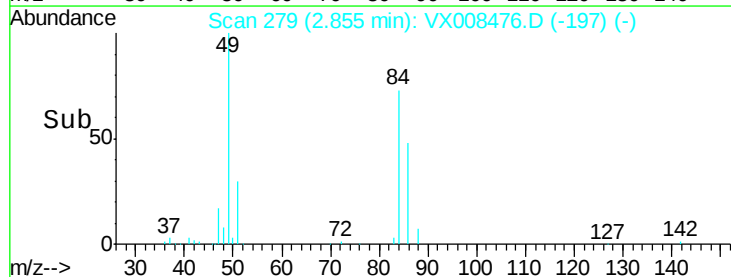
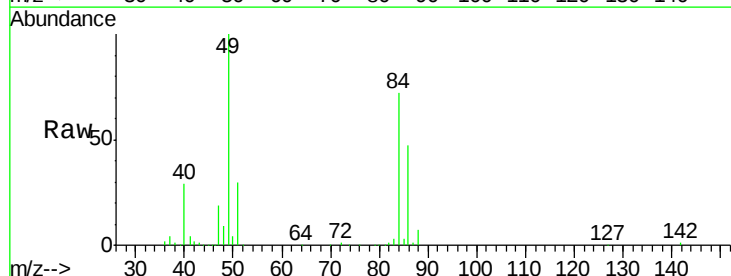
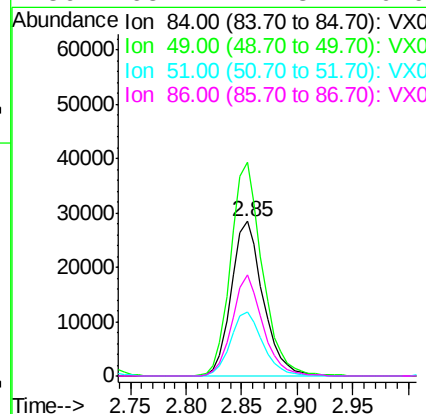
Manual Integrations
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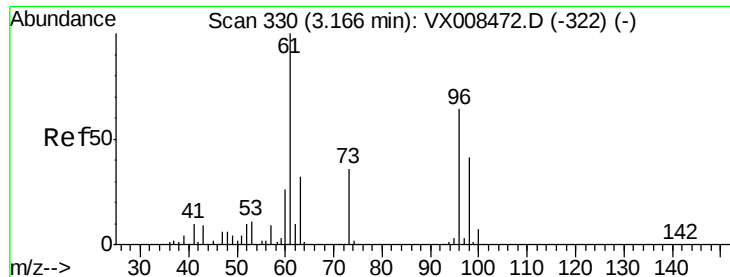
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#18
Methylene Chloride
Concen: 18.508 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.6	96.1	144.1
51	41.7	29.1	43.7
86	65.2	47.3	70.9





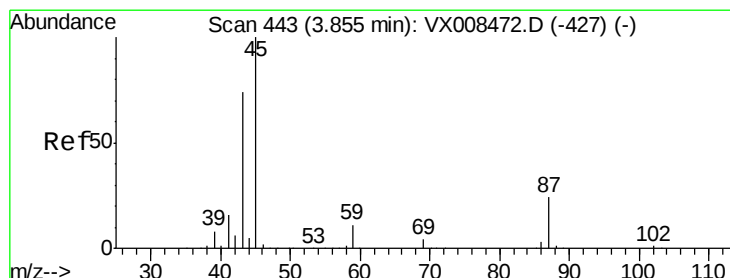
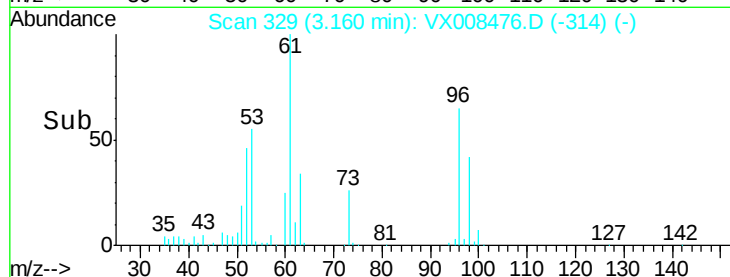
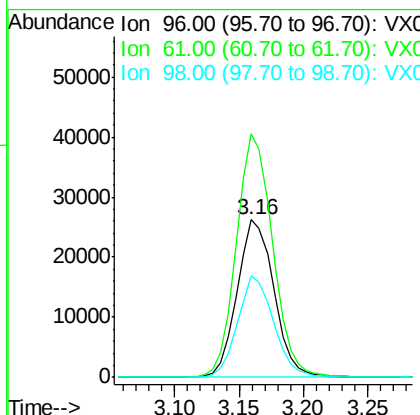
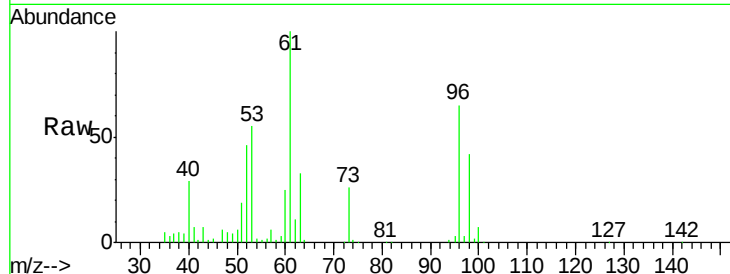
#19
trans-1,2-Dichloroethene
Concen: 19.004 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.4	109.9	164.9
98	64.8	50.4	75.6

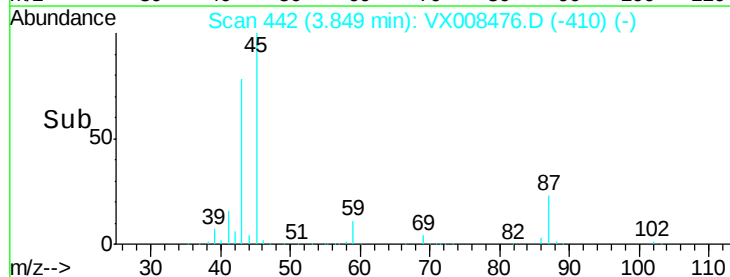
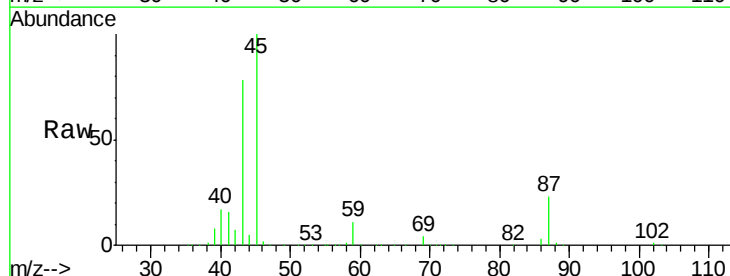
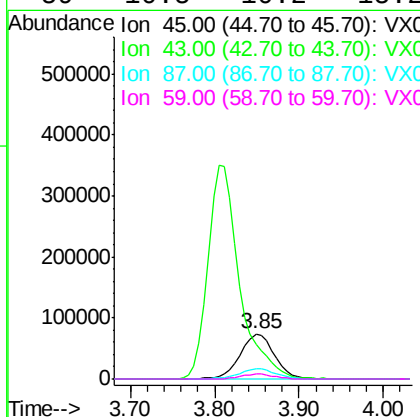
Manual Integrations
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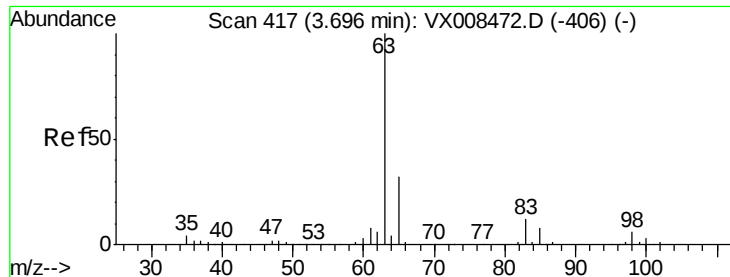
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#20
Diisopropyl ether
Concen: 18.140 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.0	50.6	76.0#
87	22.9	24.5	36.7#
59	10.5	10.2	15.2





#21

1,1-Dichloroethane

Concen: 18.447 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

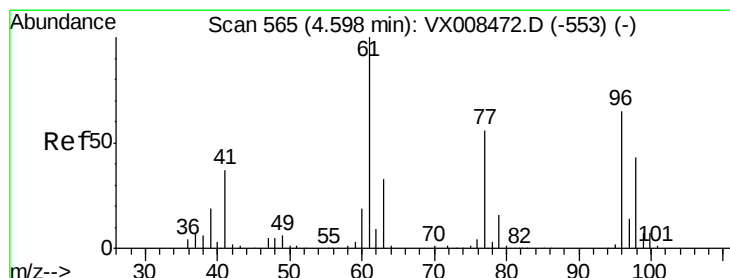
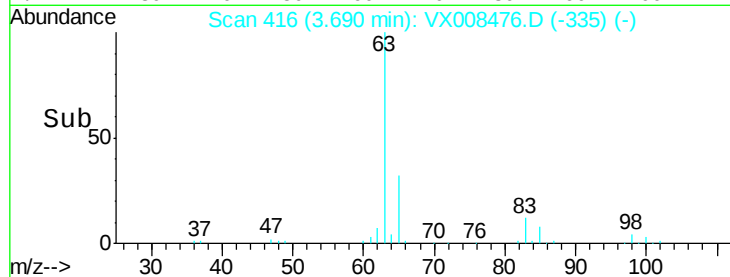
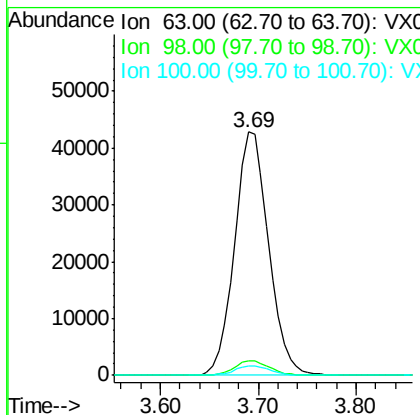
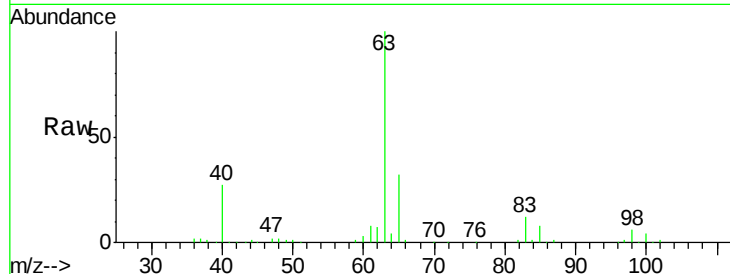
ClientSampleId :

ICVVX032719

Tot Ion:	63	Resp:	103537
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.8	11.4
100	3.7	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 18.588 ug/l

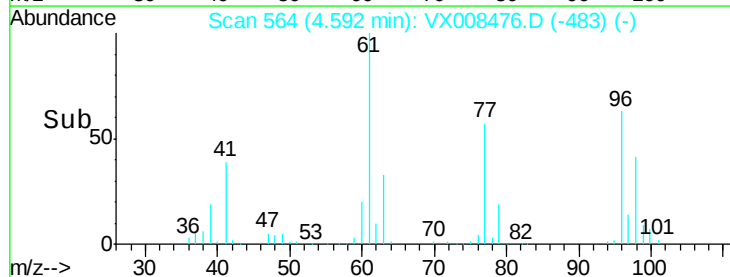
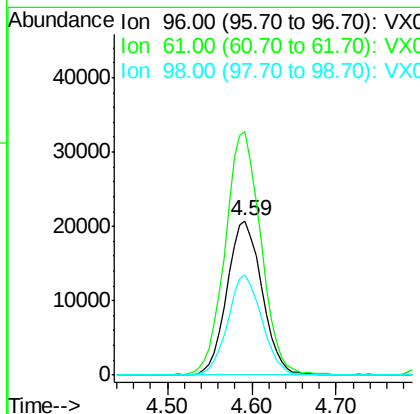
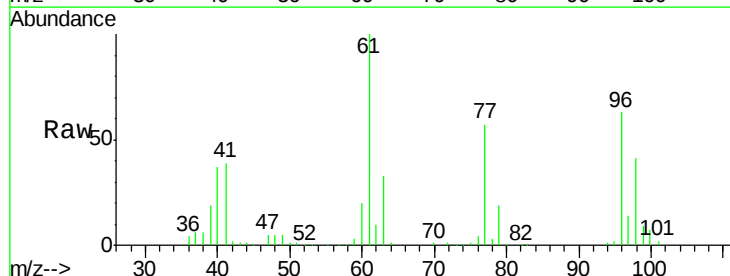
RT: 4.59 min Scan# 564

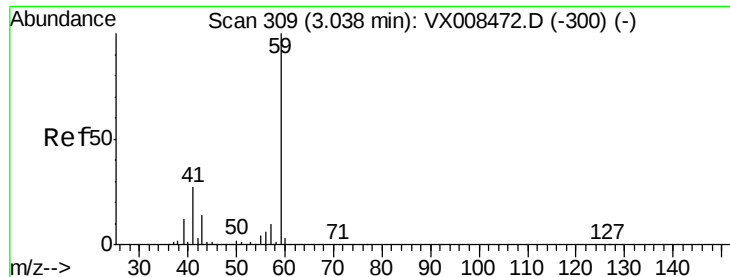
Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Tgt Ion:	96	Resp:	58662
Ion Ratio	Lower	Upper	
96	100		
61	160.8	103.5	155.3#
98	63.4	52.1	78.1





#23

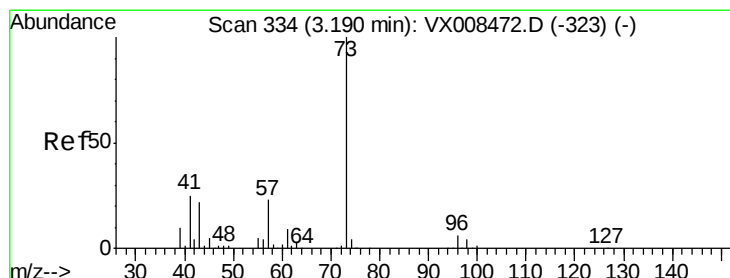
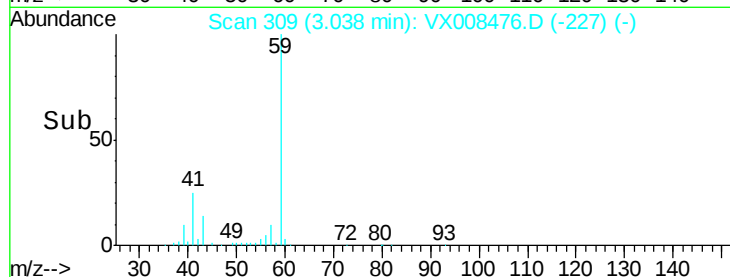
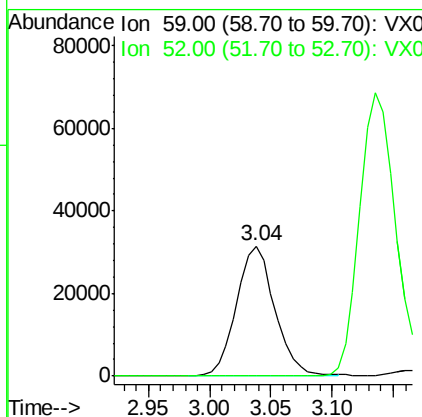
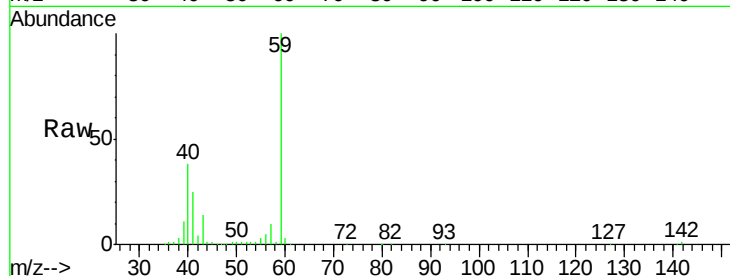
tert-Butyl Alcohol
 Concen: 88.833 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion: 59 Resp: 68710
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.2 0.2#

Manual Integrations
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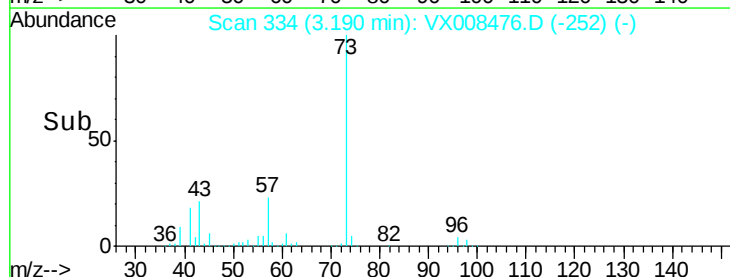
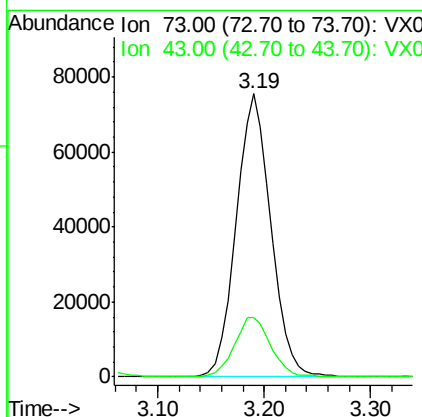
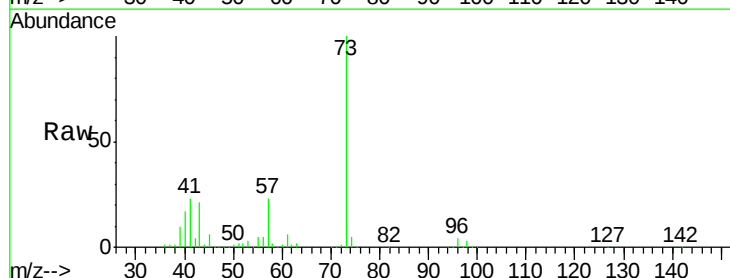
MMDadoda
 3/28/2019 9:37:26 AM

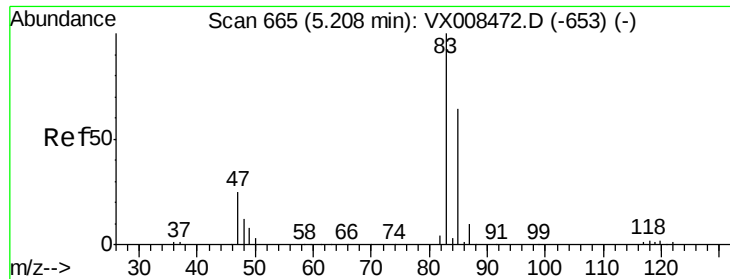


#24

Methyl tert-Butyl Ether
 Concen: 18.372 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion: 73 Resp: 172595
 Ion Ratio Lower Upper
 73 100
 43 21.6 17.1 25.7





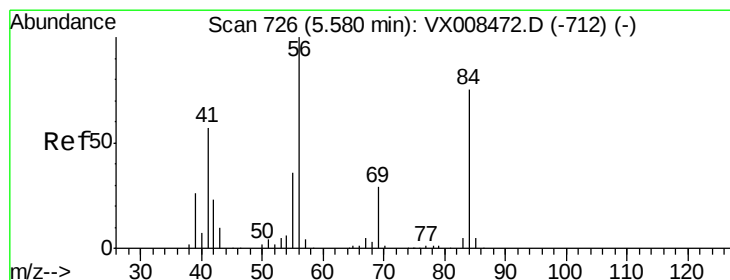
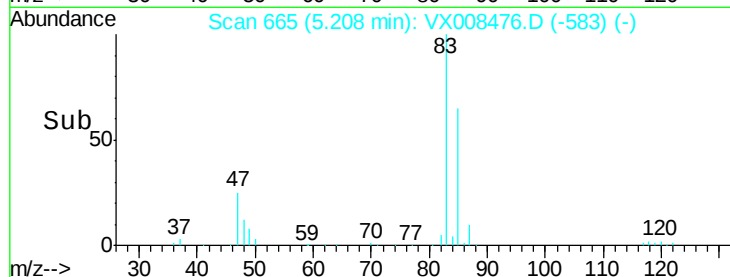
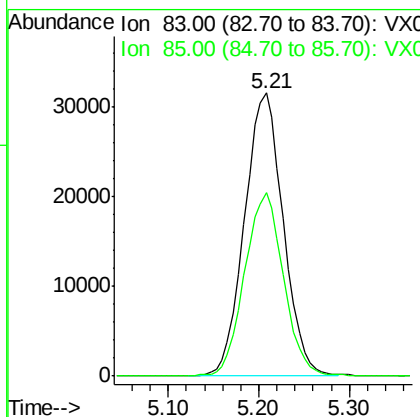
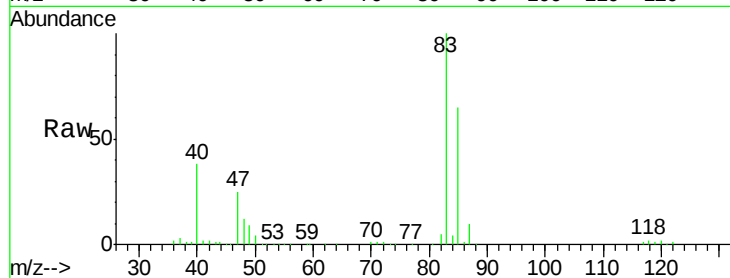
#25
Chloroform
Concen: 18.338 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion: 83 Resp: 93232
Ion Ratio Lower Upper
83 100
85 64.8 53.8 80.6

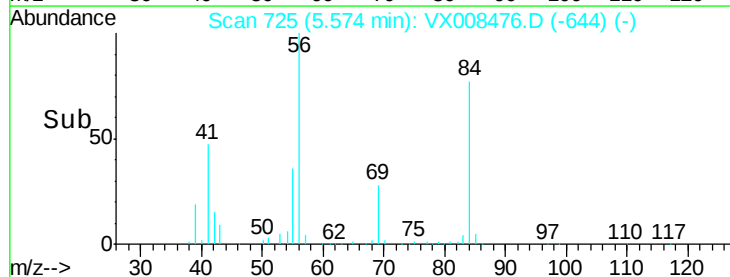
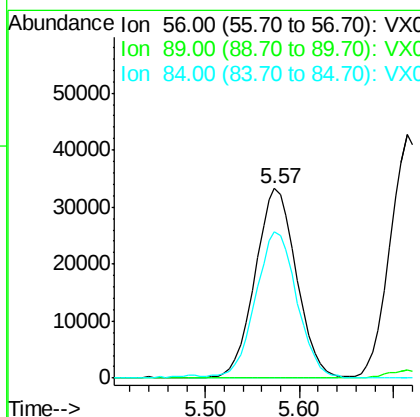
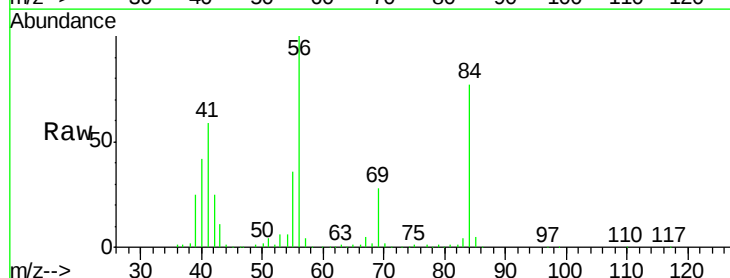
Manual Integrations
APPROVED

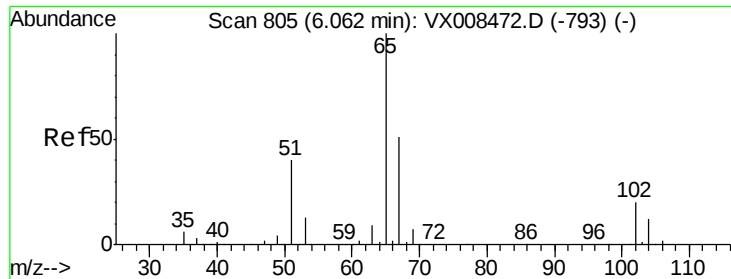
MMDadoda
3/28/2019 9:37:26 AM



#26
Cyclohexane
Concen: 18.757 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion: 56 Resp: 102276
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 77.3 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.689 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion: 65 Resp: 100254

Ion Ratio Lower Upper

65 100

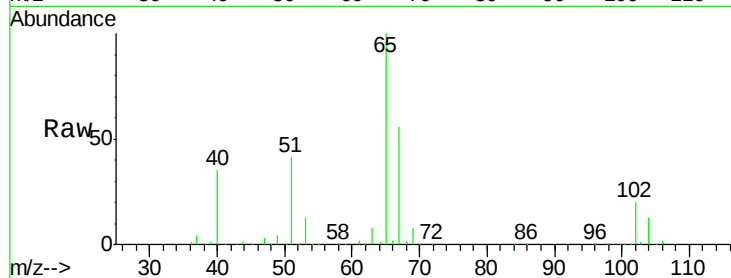
67 54.6 42.9 64.3

Manual Integrations

APPROVED

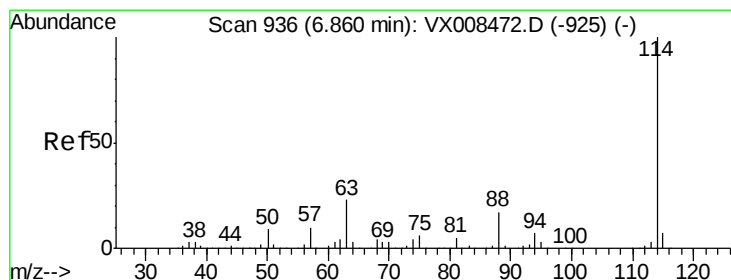
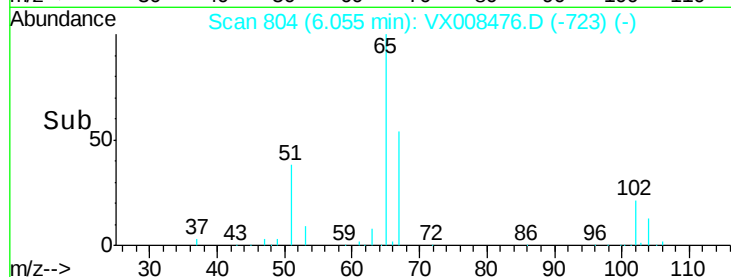
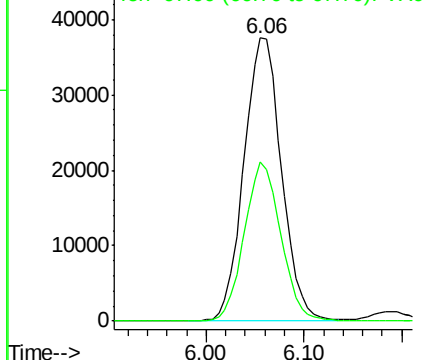
MMDadoda

3/28/2019 9:37:26 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

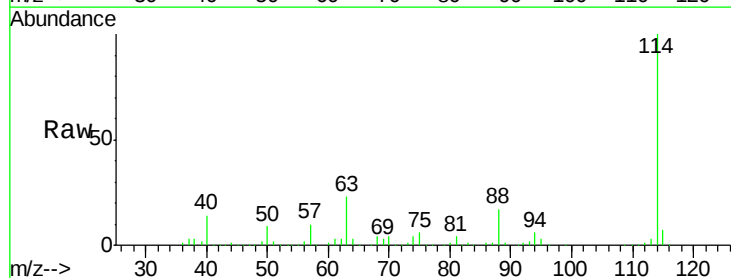
Tgt Ion: 114 Resp: 237975

Ion Ratio Lower Upper

114 100

63 23.5 14.2 21.4#

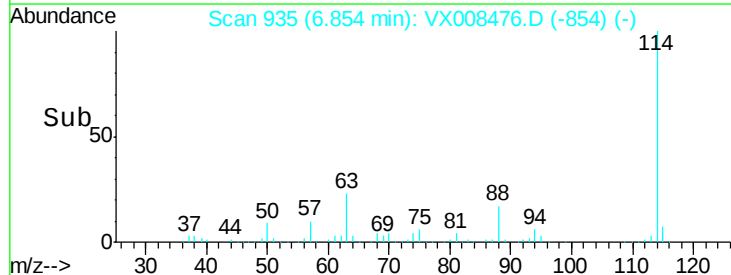
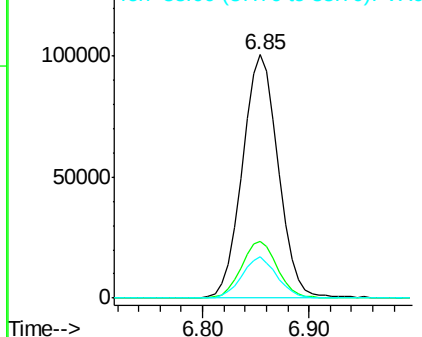
88 16.5 11.9 17.9

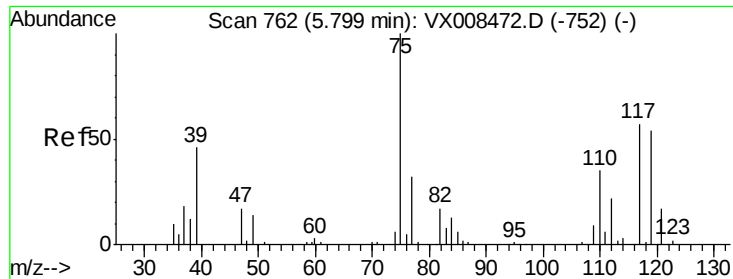


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





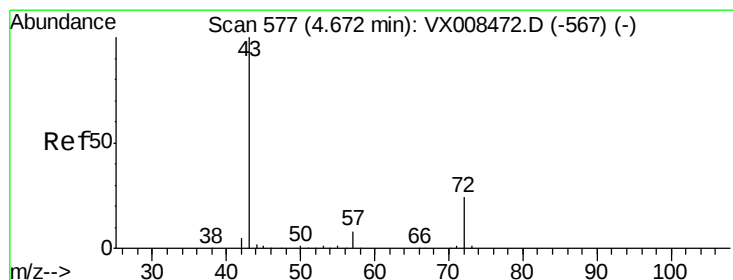
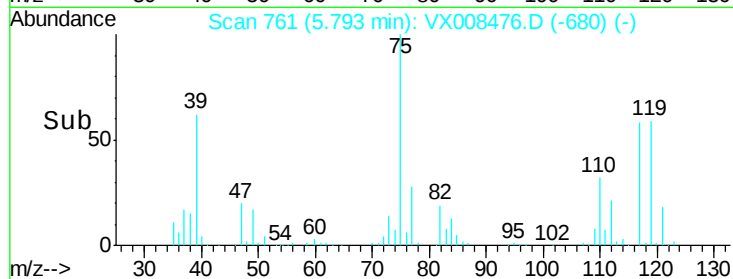
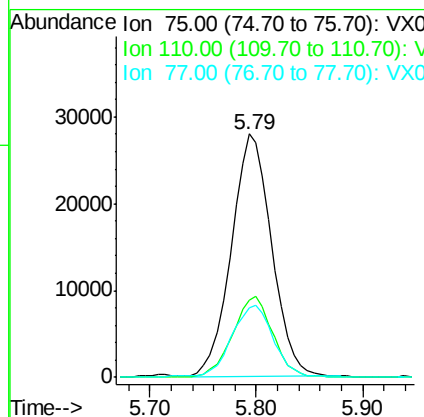
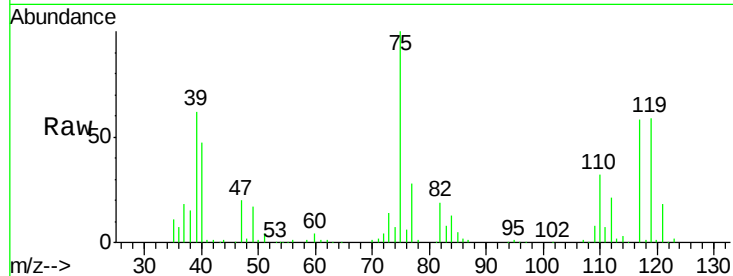
#29
 1,1-Dichloropropene
 Concen: 18.450 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.4	0.0	80.8
77	30.9	0.0	62.4

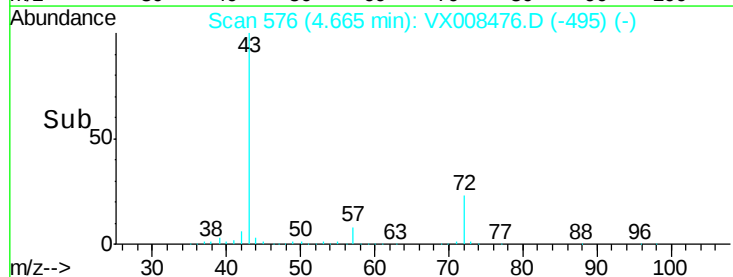
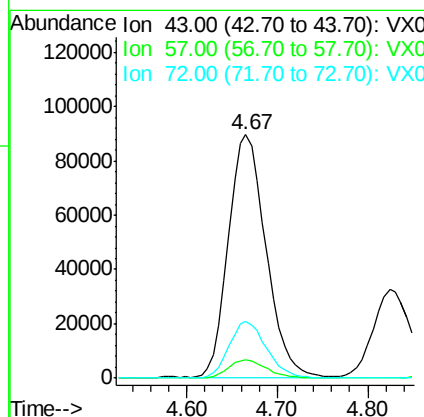
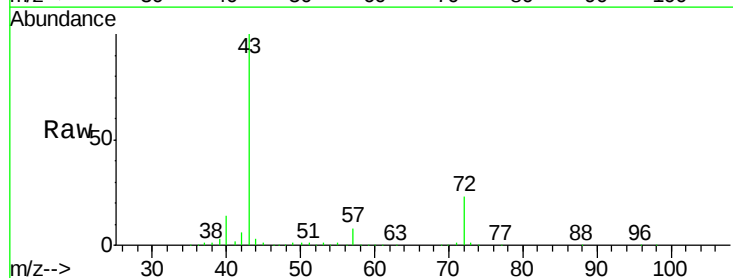
Manual Integrations
 APPROVED

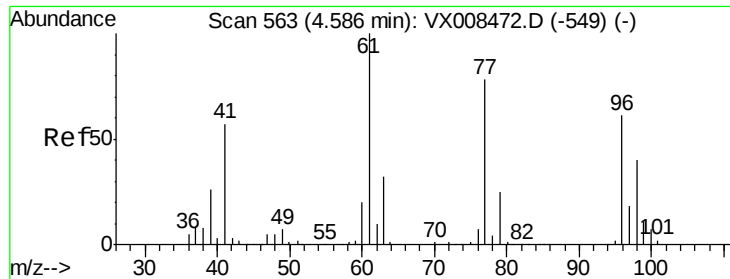
MMDadoda
 3/28/2019 9:37:26 AM



#30
 2-Butanone
 Concen: 87.306 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	7.0	10.6
72	23.5	21.5	32.3





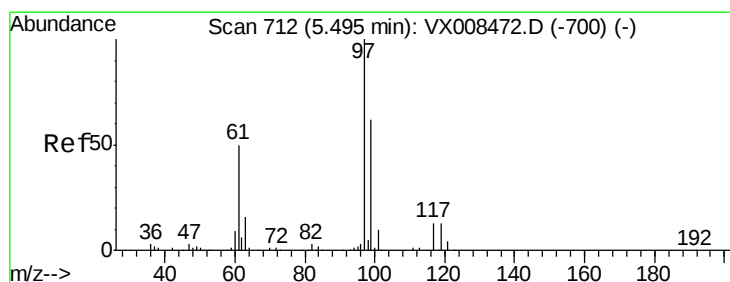
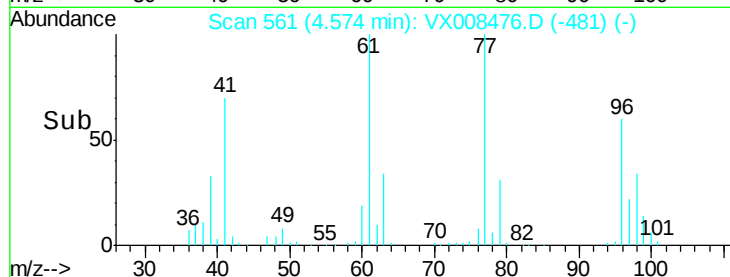
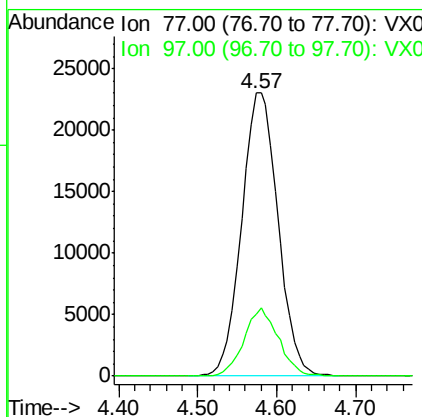
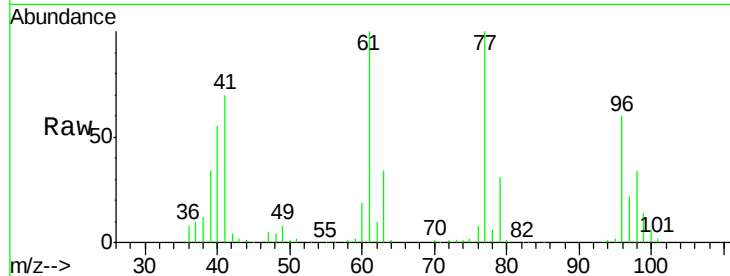
#31
 2,2-Dichloropropane
 Concen: 18.477 ug/l
 RT: 4.57 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion: 77 Resp: 73884
 Ion Ratio Lower Upper
 77 100
 97 22.8 20.6 31.0

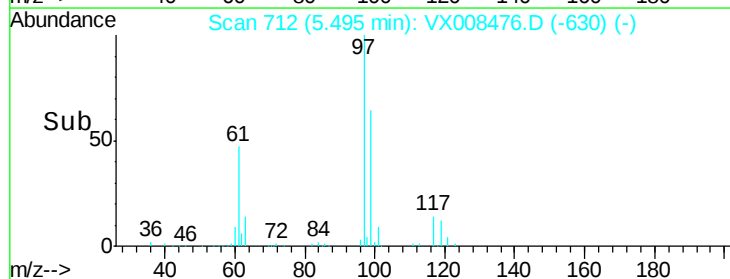
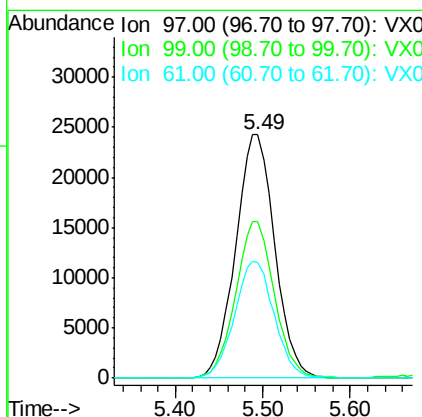
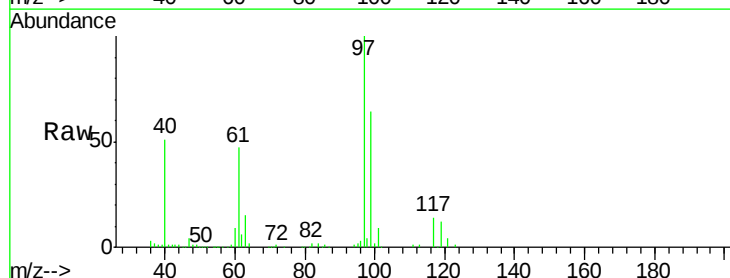
Manual Integrations
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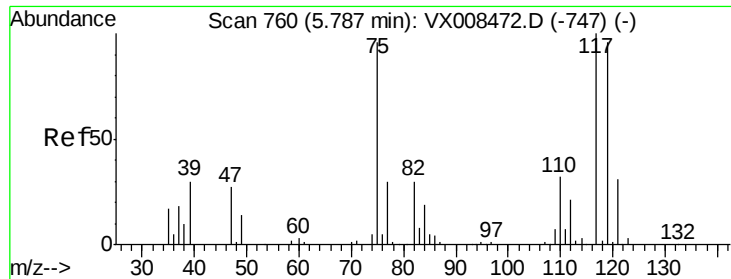
MMDadoda
 3/28/2019 9:37:26 AM



#32
 1,1,1-Trichloroethane
 Concen: 18.167 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion: 97 Resp: 75529
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.7 77.5
 61 48.6 32.8 49.2





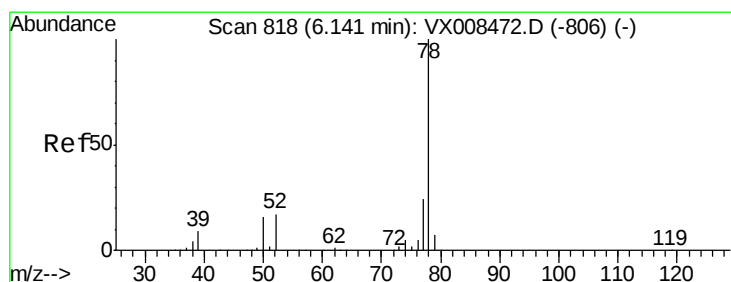
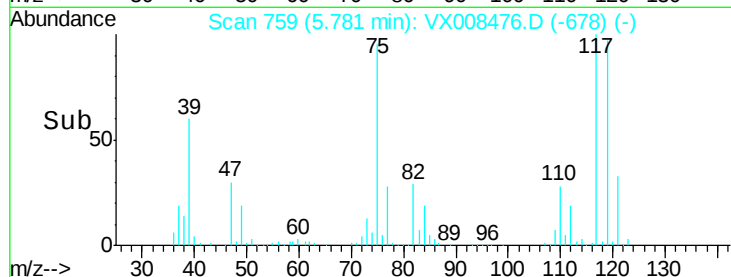
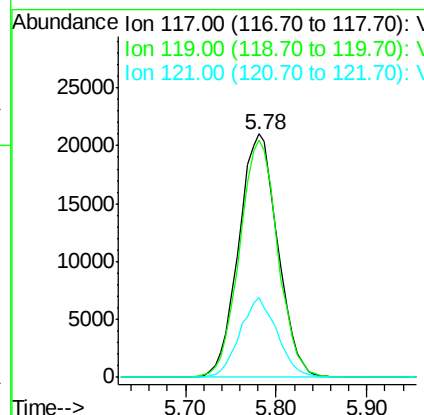
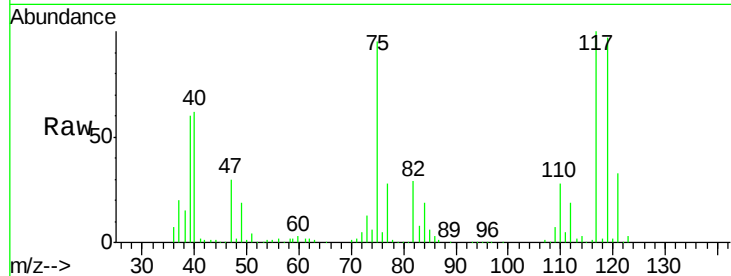
#33
Carbon Tetrachloride
Concen: 18.023 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.1	117.1
121	32.8	27.0	40.6

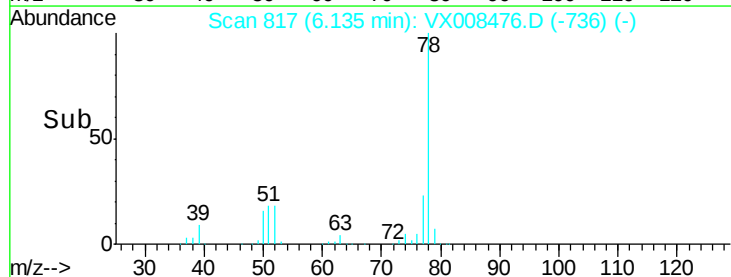
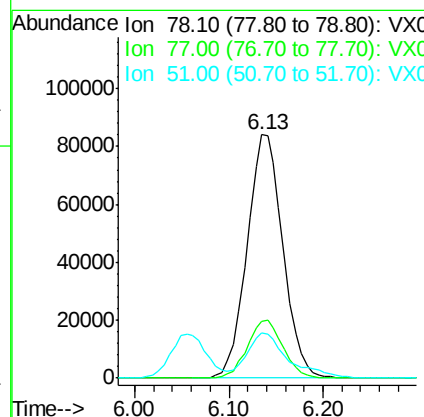
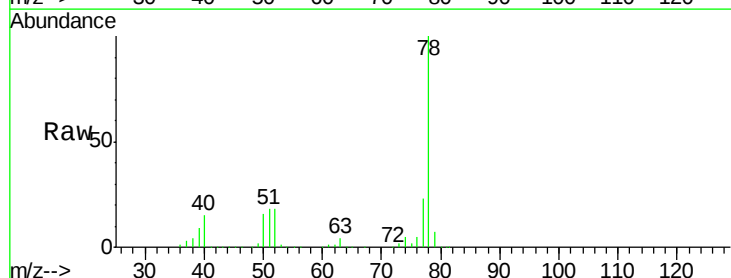
Manual Integrations
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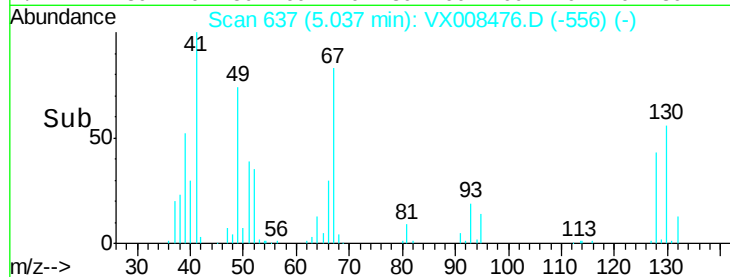
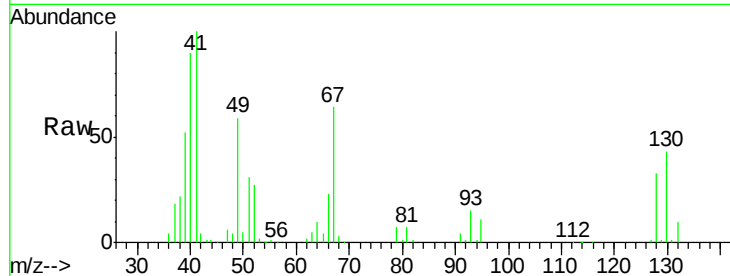
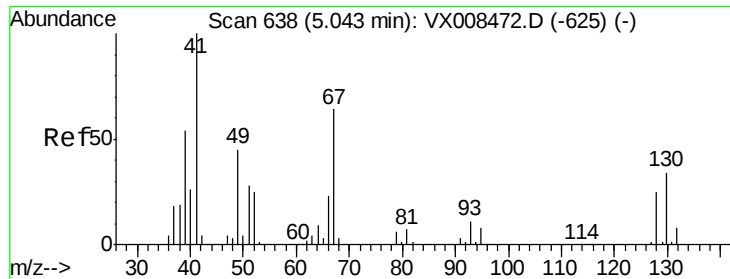
MMDadoda
3/28/2019 9:37:26 AM



#34
Benzene
Concen: 18.253 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

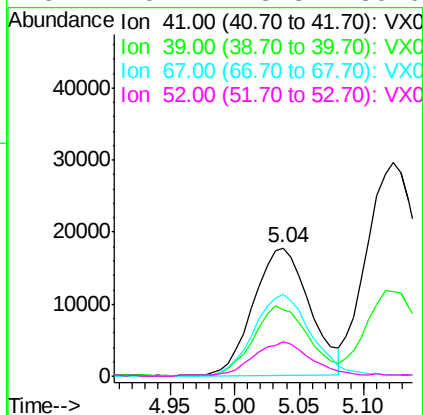
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7
51	17.6	10.8	16.2#





#35
Methacrylonitrile
Concen: 18.054 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

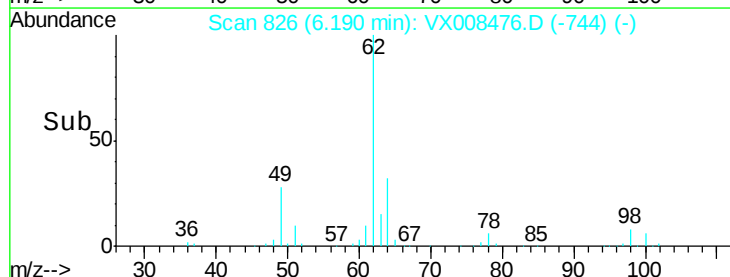
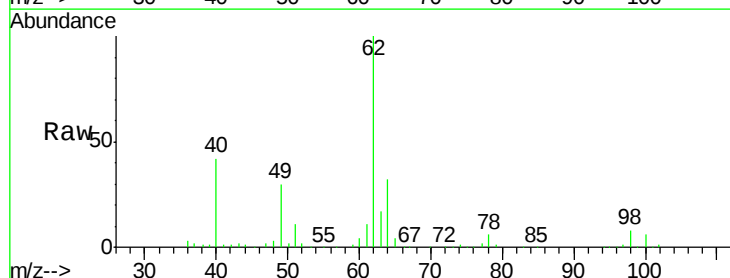
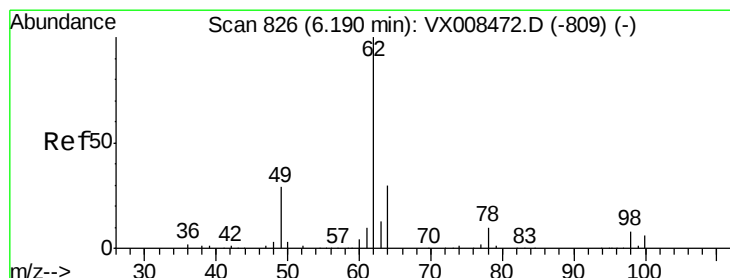
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.9	27.4	82.0	
67	64.0	37.9	113.6	
52	26.1	13.3	39.9	



Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

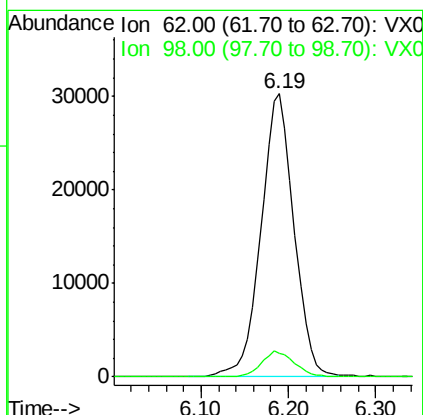
Manual Integrations
APPROVED

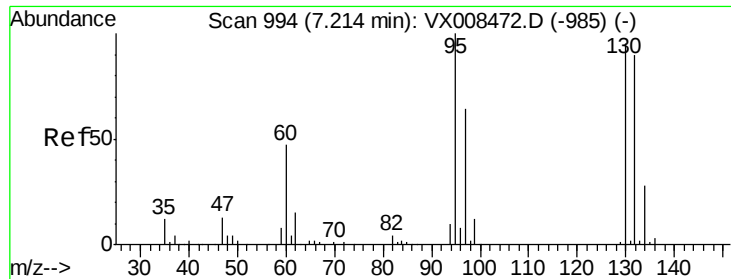
MMDadoda
3/28/2019 9:37:26 AM



#36
1,2-Dichloroethane
Concen: 18.316 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	7.8	11.8	





#37

Trichloroethene

Concen: 18.430 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion:130 Resp: 51869

Ion Ratio Lower Upper

130 100

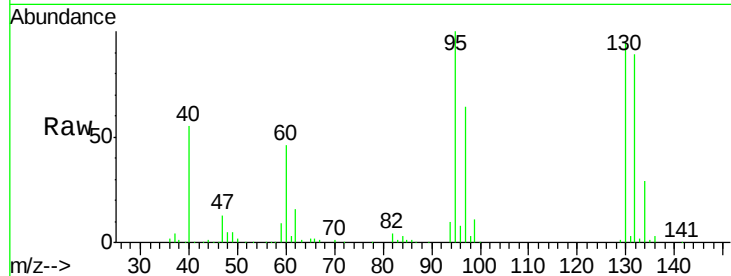
95 105.7 71.3 106.9

Manual Integrations

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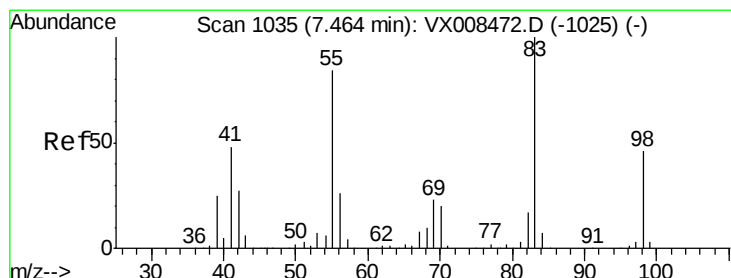
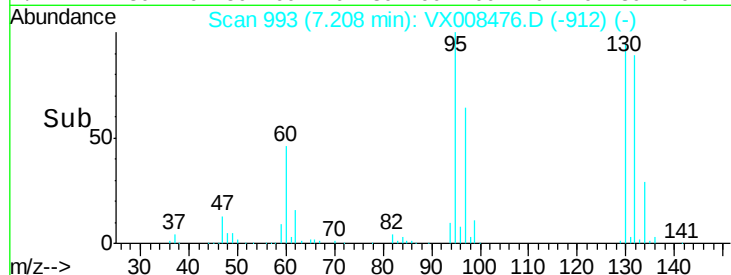
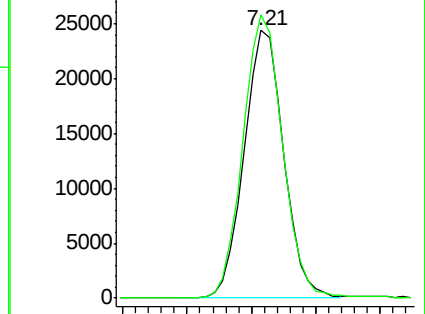
MMDadoda

3/28/2019 9:37:26 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.637 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

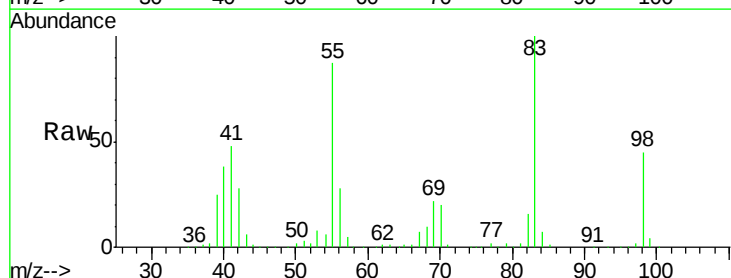
Tgt Ion: 83 Resp: 94022

Ion Ratio Lower Upper

83 100

55 85.6 36.0 108.0

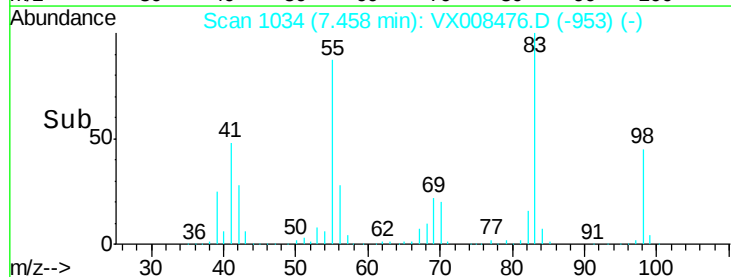
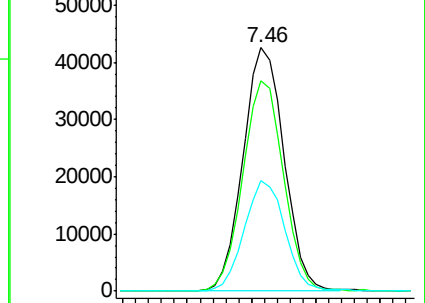
98 44.9 23.8 71.4

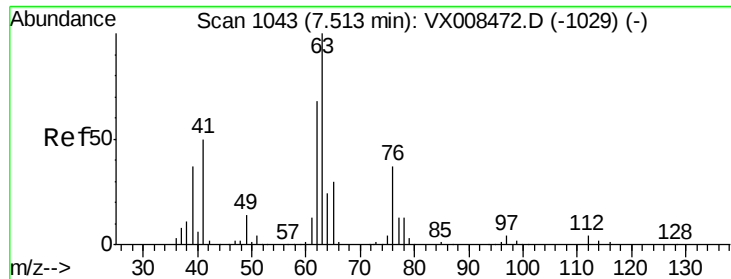


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





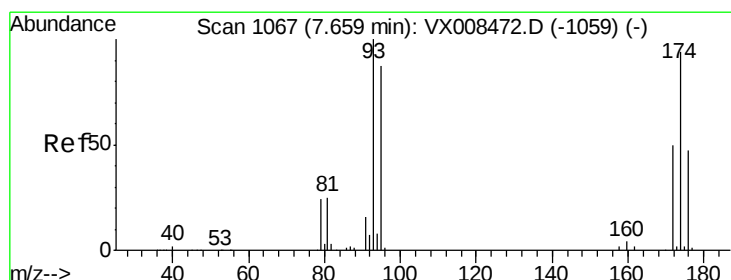
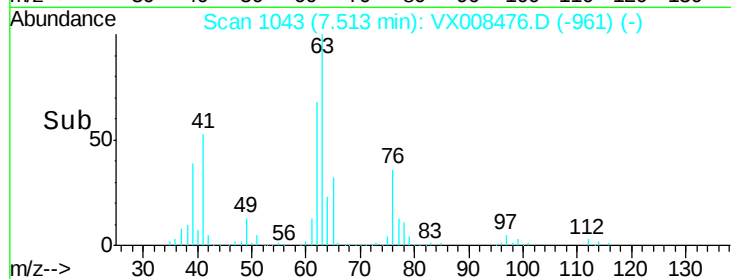
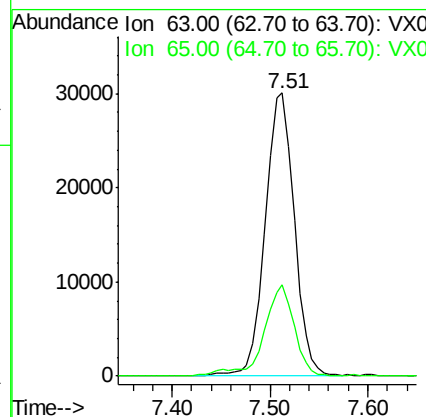
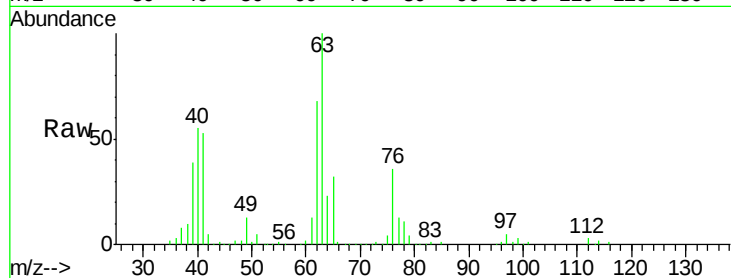
#39
 1,2-Dichloropropane
 Concen: 18.002 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion: 63 Resp: 62486
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 37.0

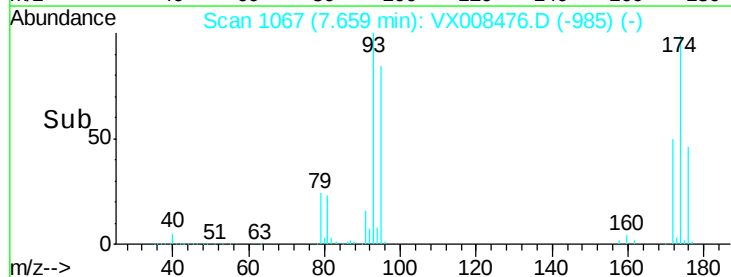
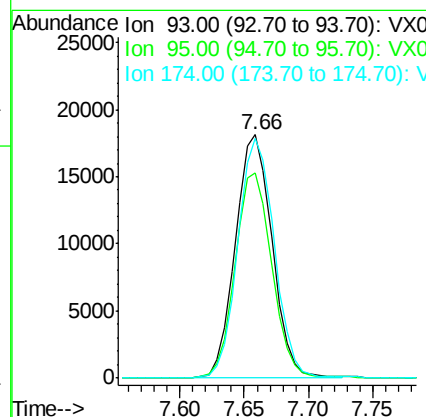
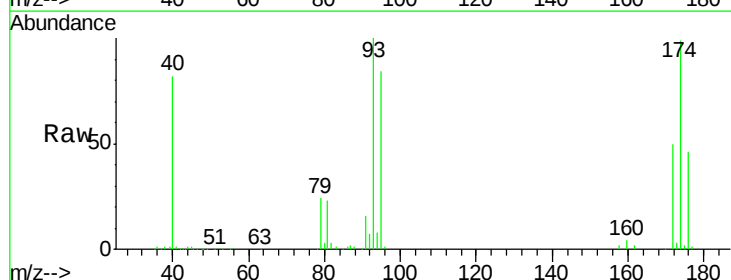
Manual Integrations
 APPROVED

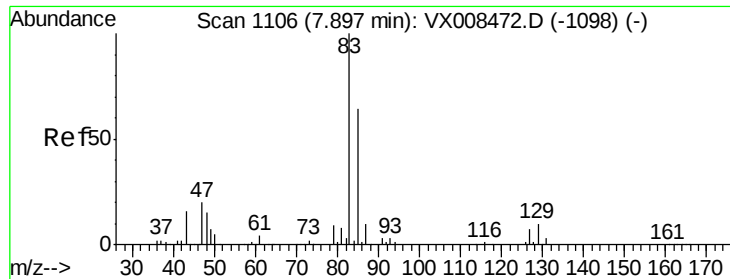
MMDadoda
 3/28/2019 9:37:26 AM



#40
 Dibromomethane
 Concen: 17.887 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion: 93 Resp: 35966
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 158.8
 174 96.9 0.0 224.2





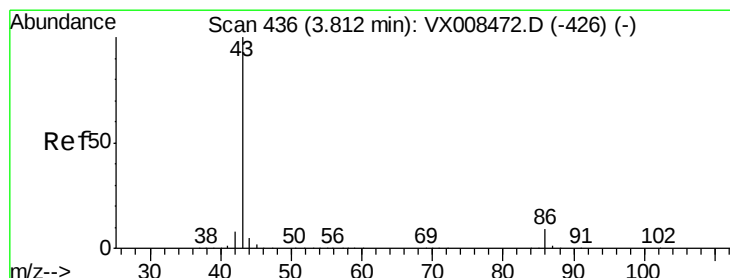
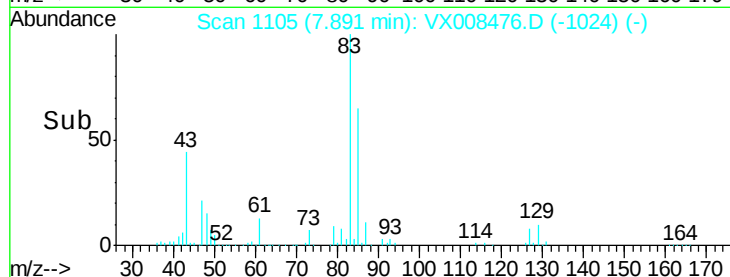
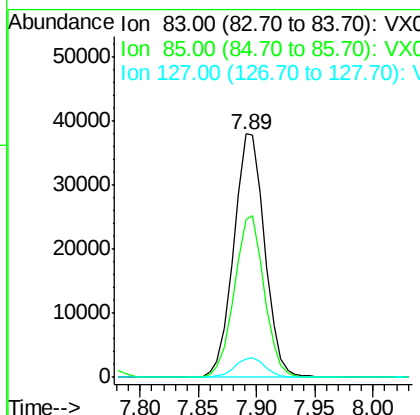
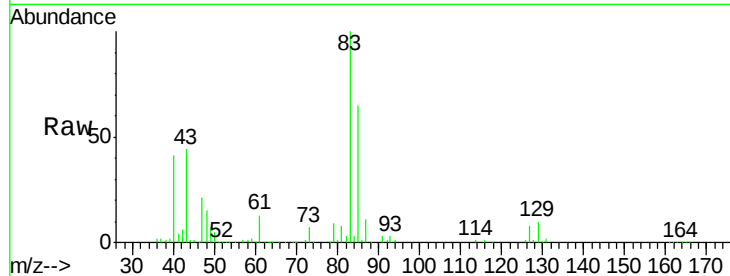
#41
Bromodichloromethane
Concen: 17.841 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	83	Resp	70538
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	51.1	76.7
127	7.7	7.2	10.8

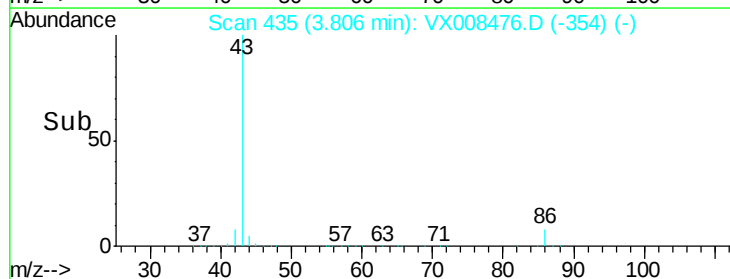
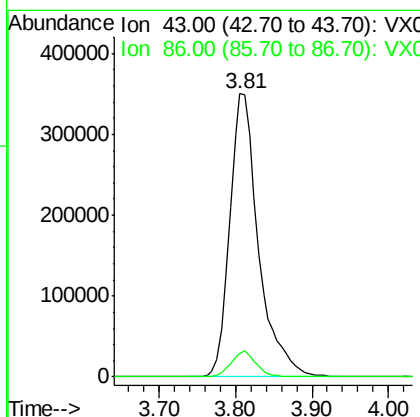
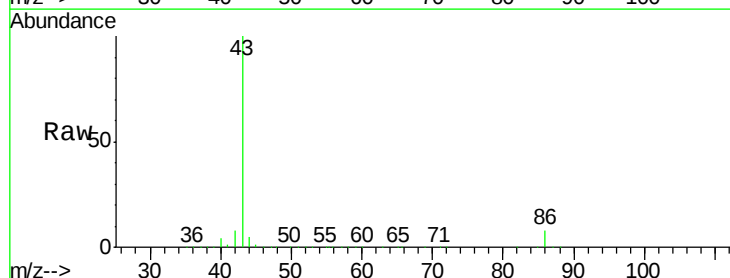
Manual Integrations
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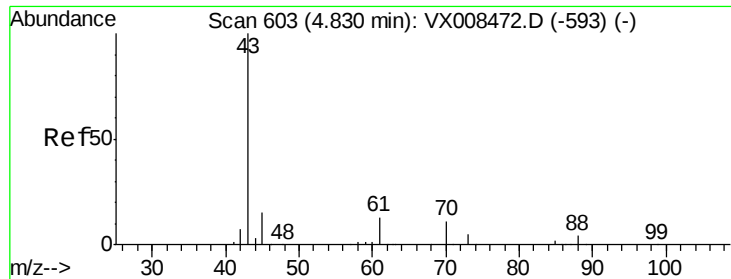
MMDadoda
3/28/2019 9:37:26 AM



#42
Vinyl Acetate
Concen: 91.195 ug/l
RT: 3.81 min Scan# 435
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	43	Resp	910132
Ion Ratio	100	Lower	Upper
43	100		
86	7.9	8.2	12.2#





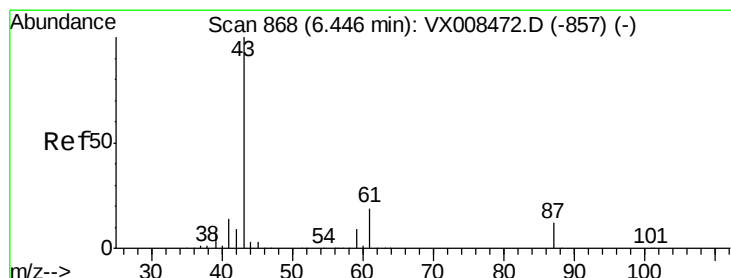
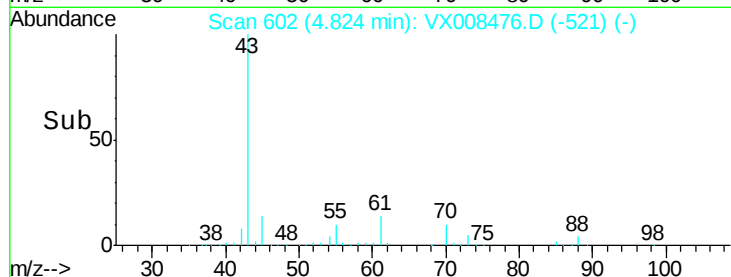
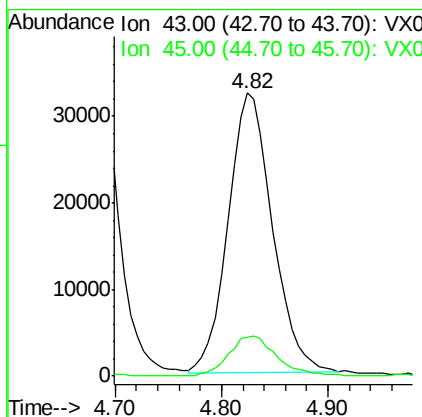
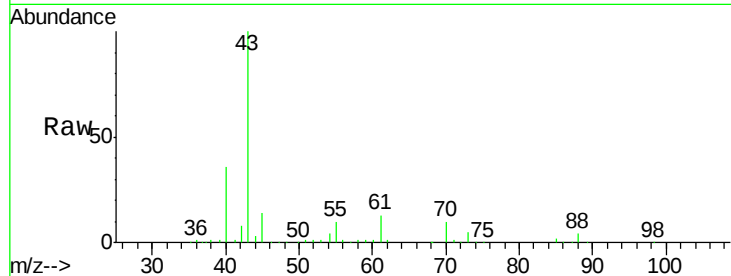
#43
Ethyl Acetate
Concen: 17.704 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion: 43 Resp: 93809
Ion Ratio Lower Upper
43 100
45 15.4 6.9 10.3#

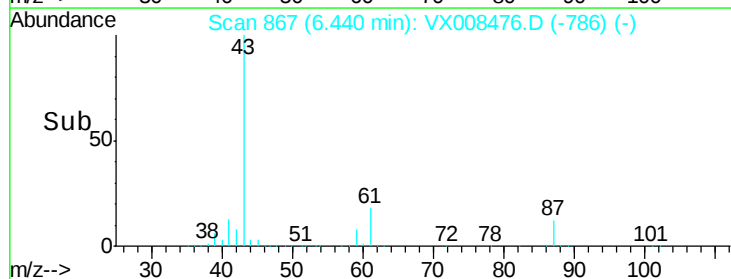
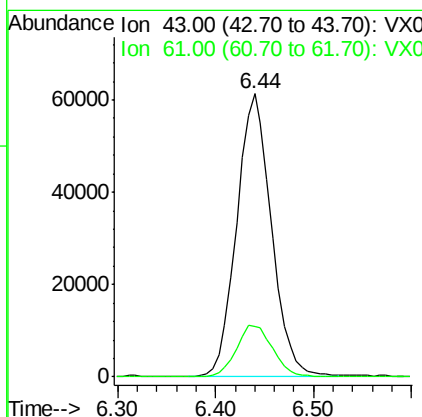
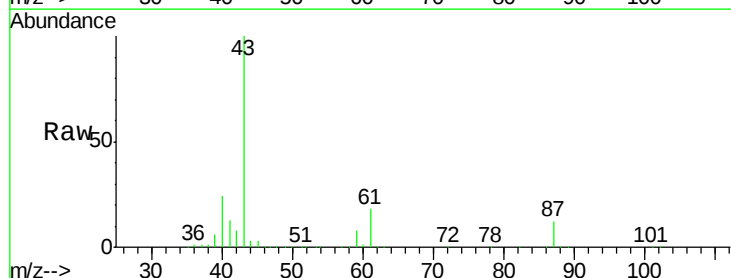
Manual Integrations
APPROVED

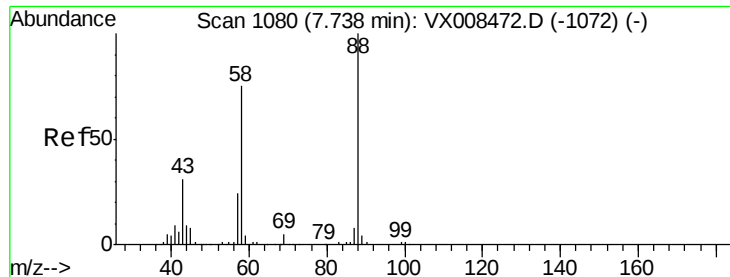
MMDadoda
3/28/2019 9:37:26 AM



#44
Isopropyl Acetate
Concen: 17.560 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion: 43 Resp: 150455
Ion Ratio Lower Upper
43 100
61 19.2 16.1 24.1





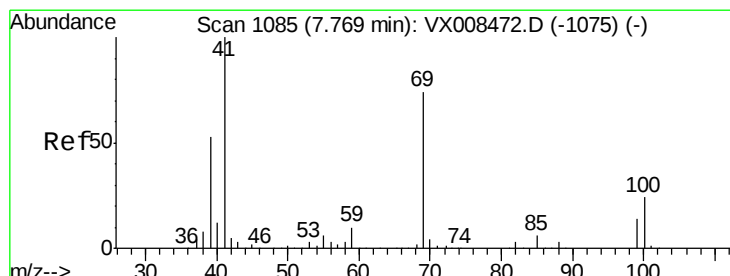
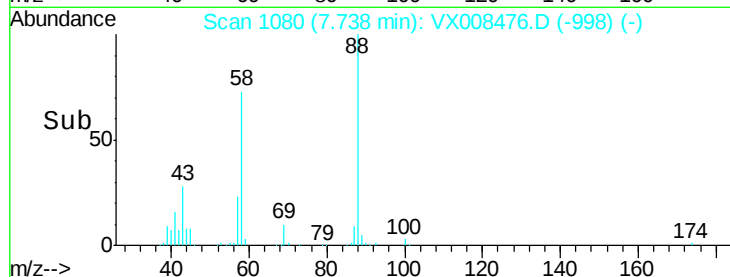
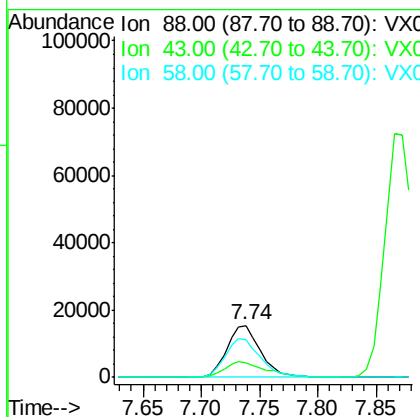
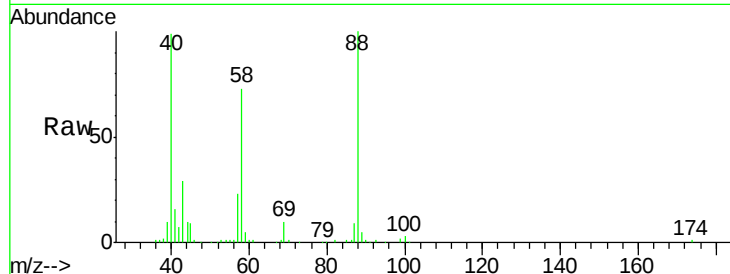
#45
 1,4-Dioxane
 Concen: 362.511 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	23.6	35.4
58	77.6	51.6	77.4#

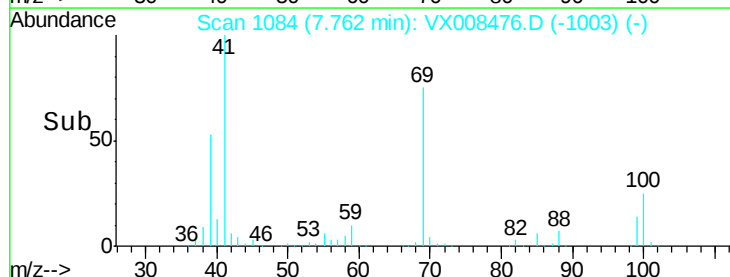
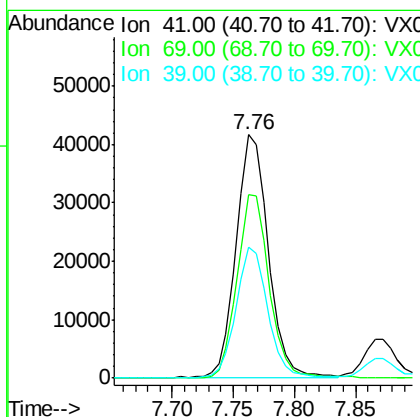
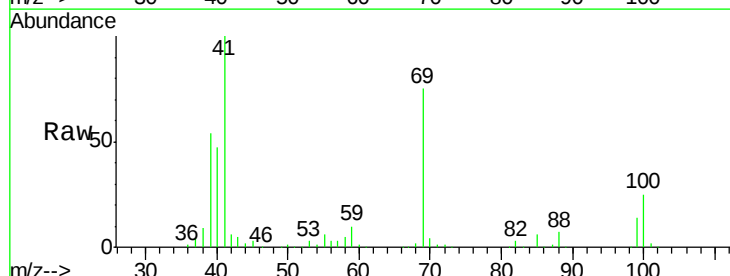
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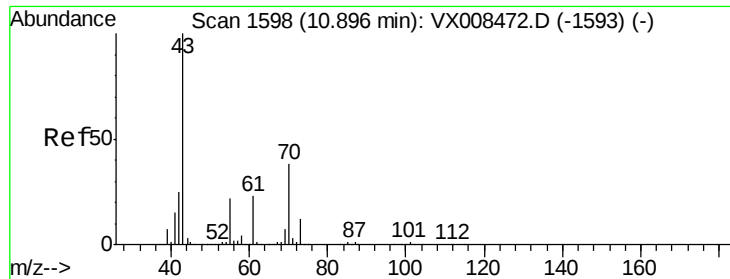
MMDadoda
 3/28/2019 9:37:26 AM



#46
 Methyl methacrylate
 Concen: 17.412 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.7	44.2	132.6
39	53.5	29.9	89.8





#47

n-amvl Acetate

Concen: 17.426 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion: 43 Resp: 135624

Ion Ratio Lower Upper

43 100

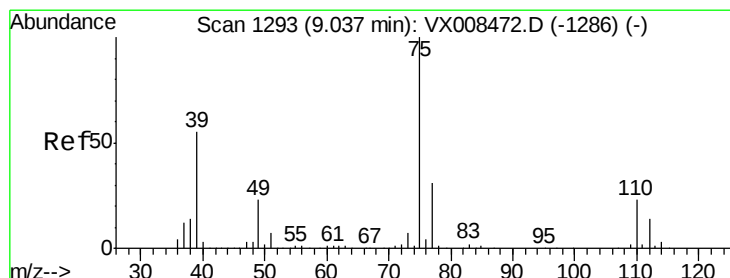
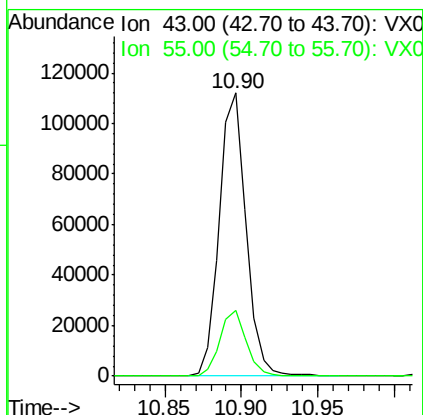
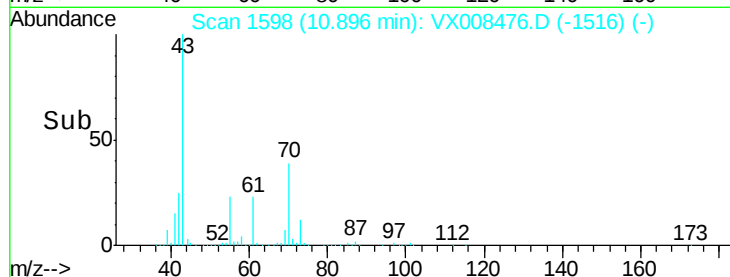
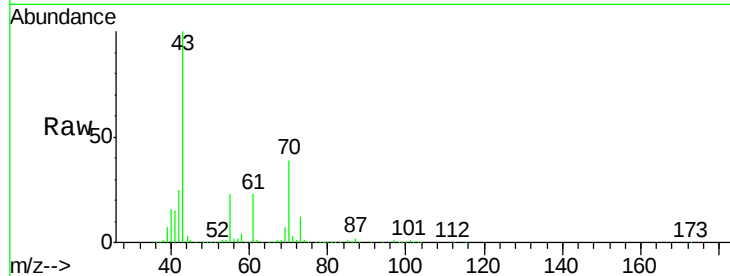
55 23.1 20.8 31.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.842 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX008476.D

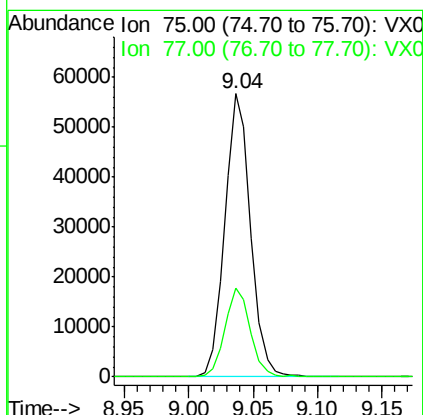
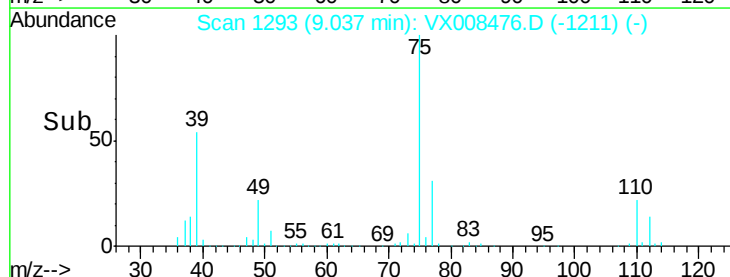
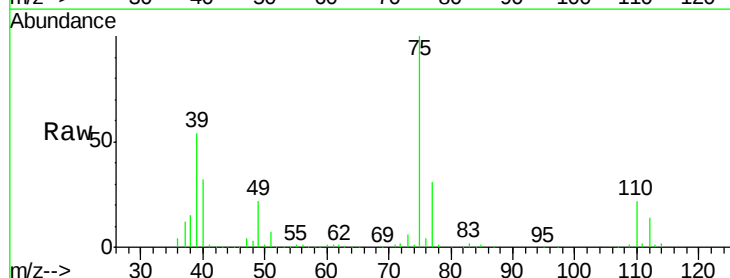
Acq: 27 Mar 2019 12:18

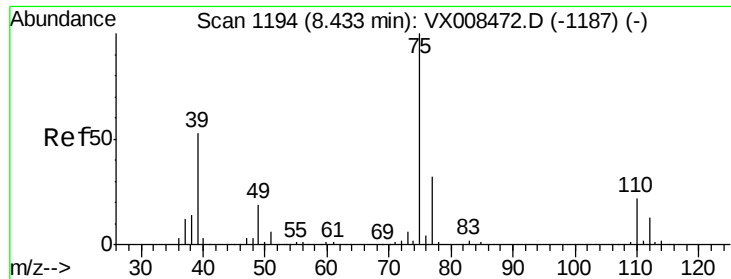
Tgt Ion: 75 Resp: 79678

Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7





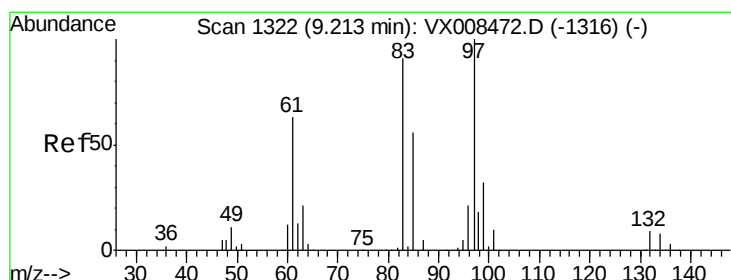
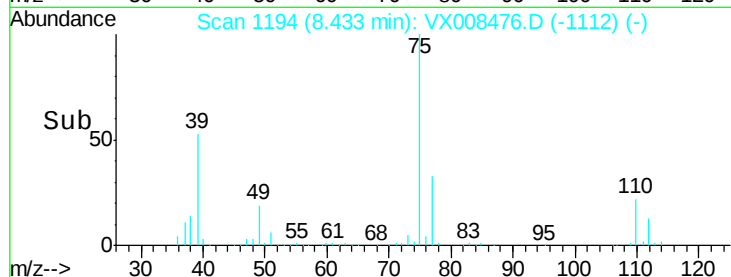
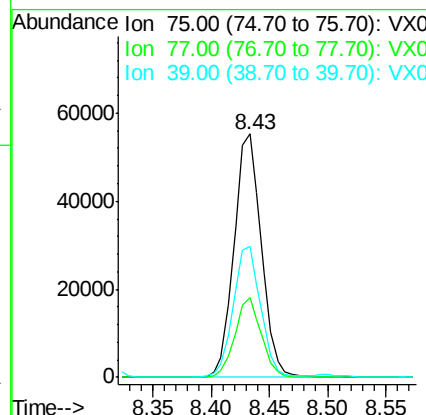
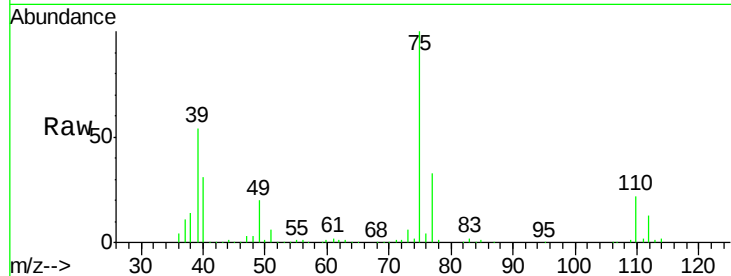
#49
 cis-1,3-Dichloropropene
 Concen: 18.145 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.0	37.4
39	53.4	38.5	57.7

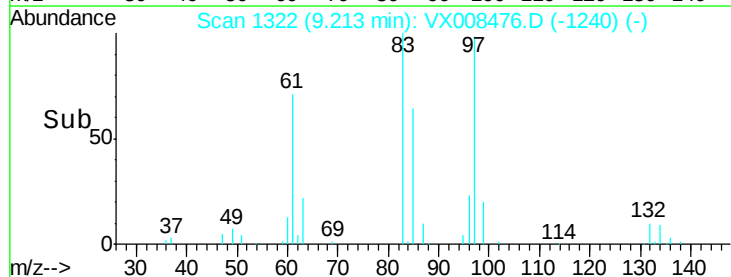
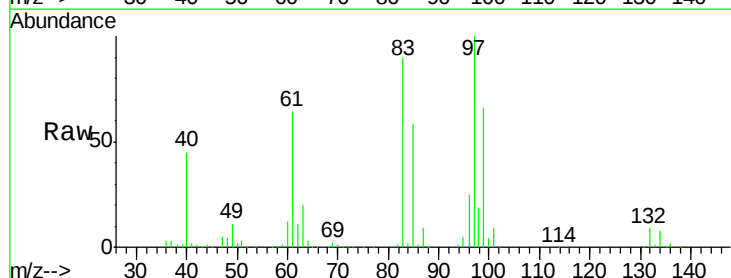
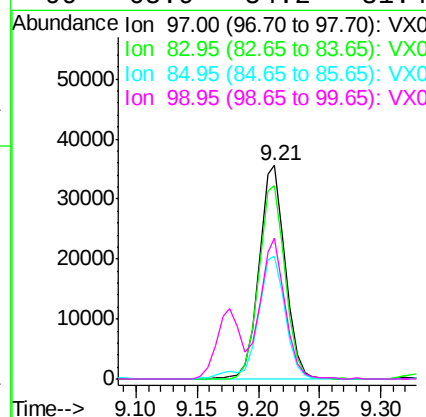
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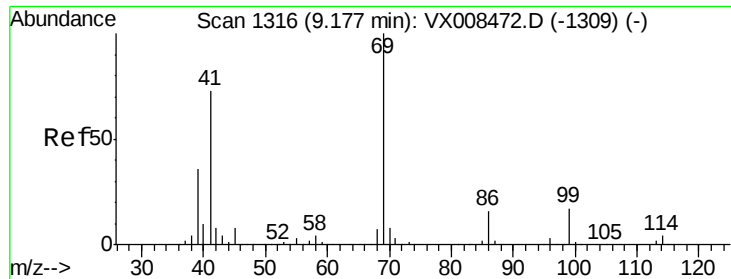
MMDadoda
 3/28/2019 9:37:26 AM



#50
 1,1,2-Trichloroethane
 Concen: 17.822 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.0	108.0
85	57.5	45.0	67.6
99	65.9	54.2	81.4





#51

Ethyl methacrylate

Concen: 17.533 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

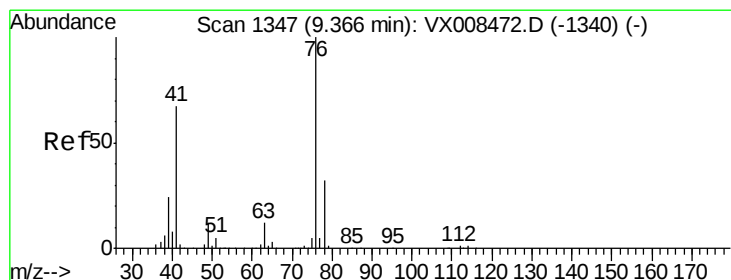
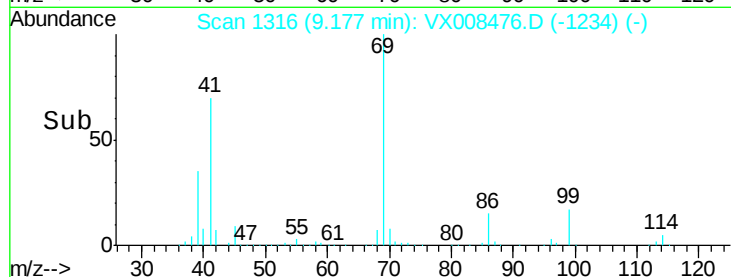
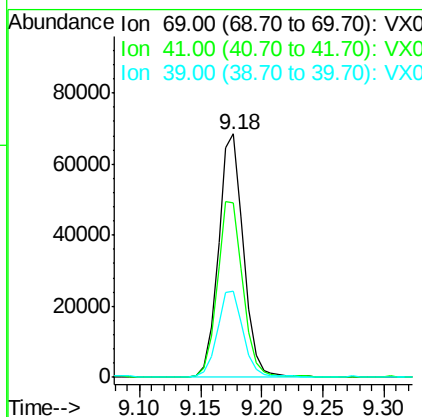
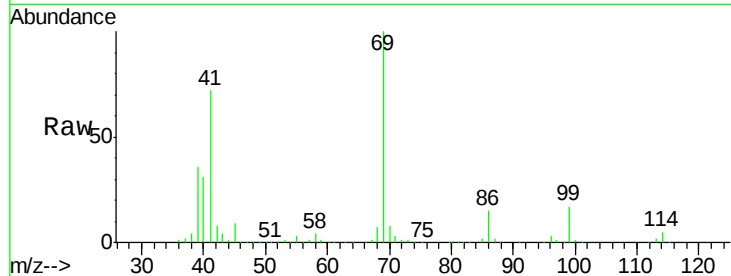
ClientSampleId :

ICVVX032719

Tot Ion:	69	Resp:	97417
Ion	Ratio	Lower	Upper
69	100		
41	71.4	32.1	96.5
39	35.3	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.902 ug/l

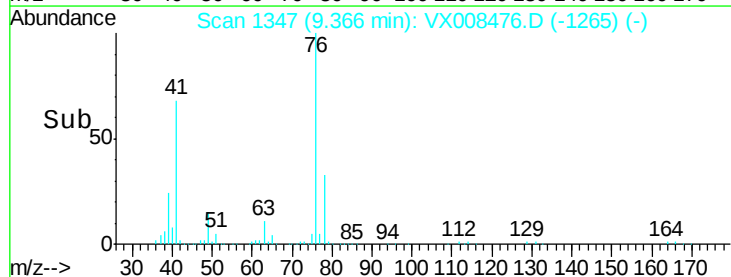
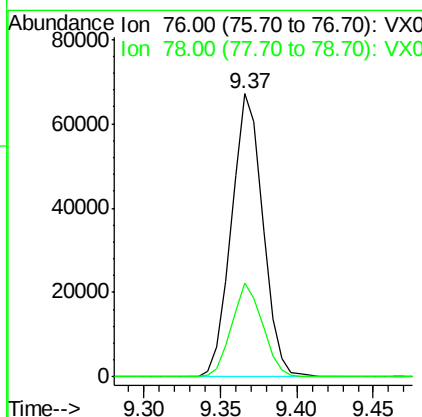
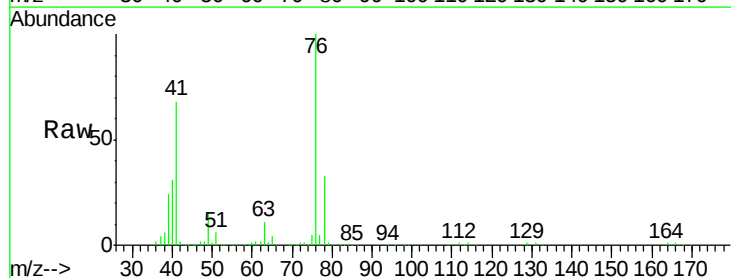
RT: 9.37 min Scan# 1347

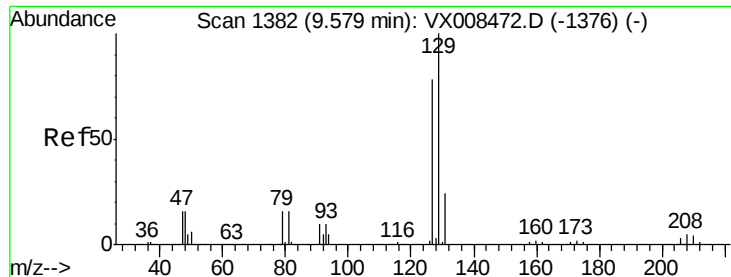
Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Tgt Ion:	76	Resp:	95094
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.2





#53

Dibromochloromethane

Concen: 17.381 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVX032719

Tot Ion:129 Resp: 51067

Ion Ratio Lower Upper

129 100

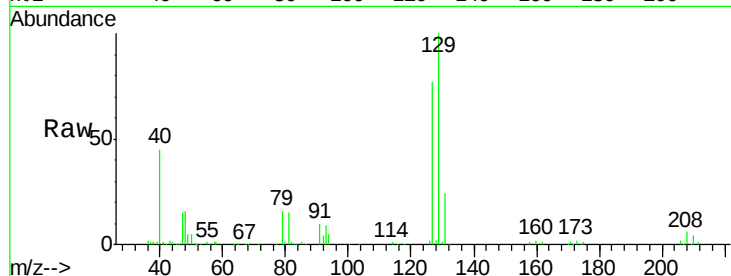
127 78.5 38.4 115.2

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

40000

30000

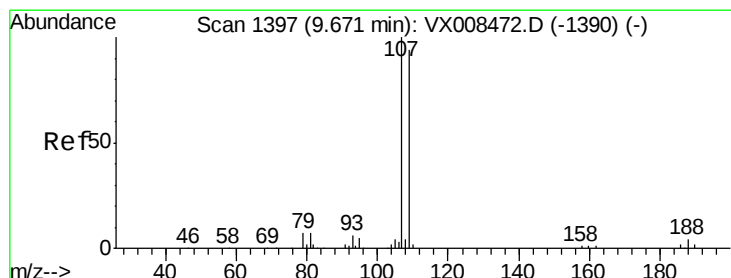
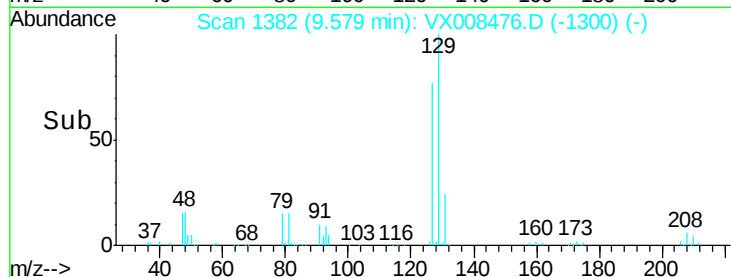
20000

10000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 17.722 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008476.D

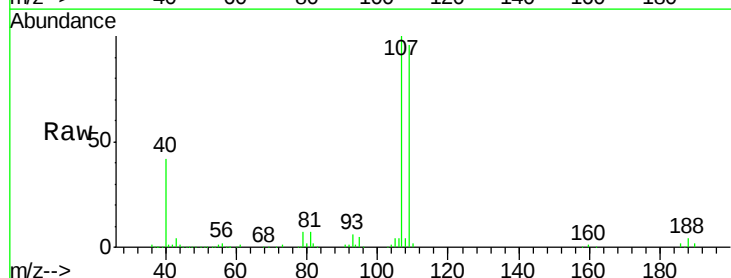
Acq: 27 Mar 2019 12:18

Tgt Ion:107 Resp: 54546

Ion Ratio Lower Upper

107 100

109 95.1 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

40000

30000

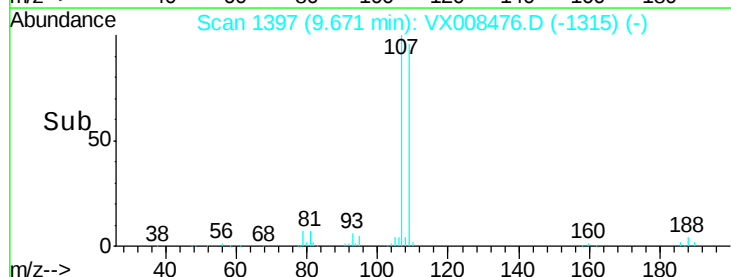
20000

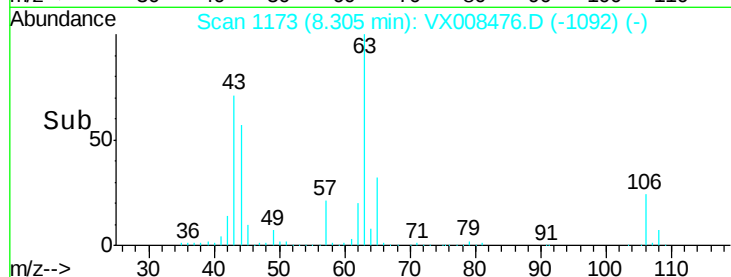
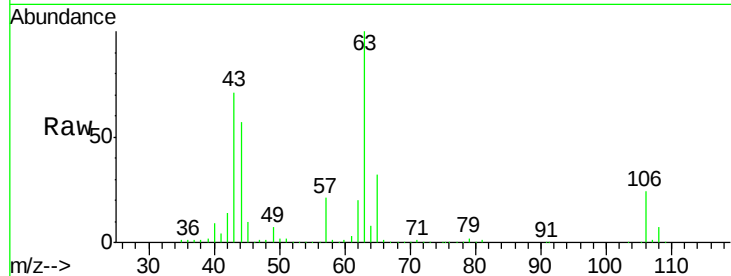
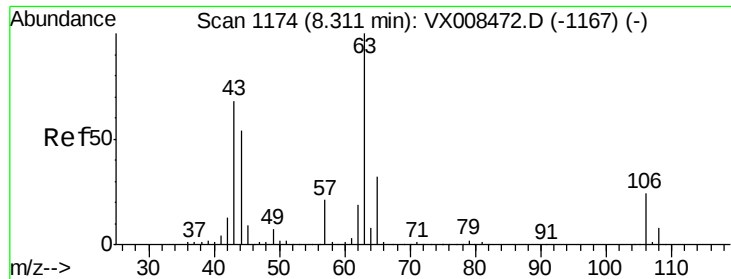
10000

0

9.60 9.65 9.70

Time-->





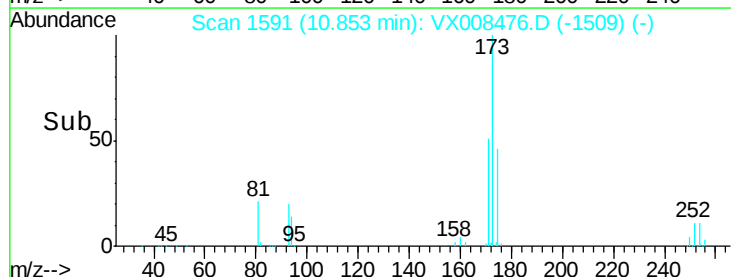
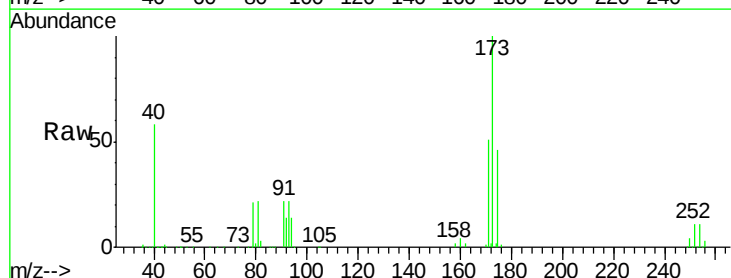
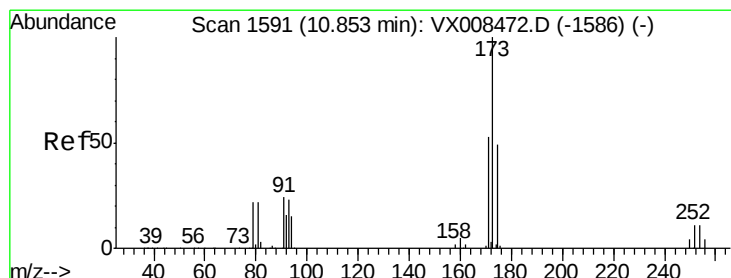
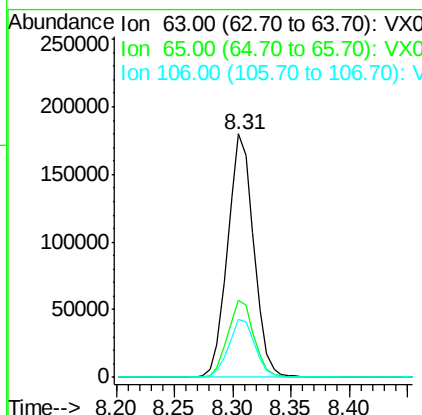
#55
2-Chloroethyl vinyl ether
Concen: 100.110 ug/l
RT: 8.31 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.7	38.5
106	24.1	23.7	35.5

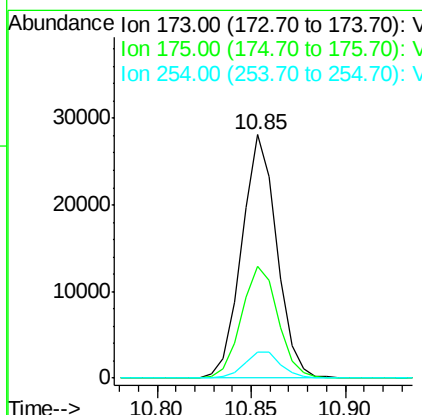
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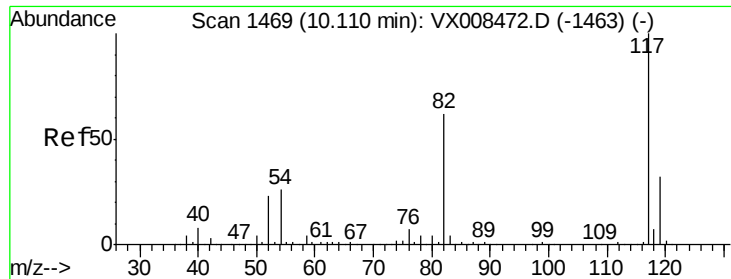
MMDadoda
3/28/2019 9:37:26 AM



#56
Bromoform
Concen: 16.954 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.5	57.7
254	11.3	7.4	11.2#





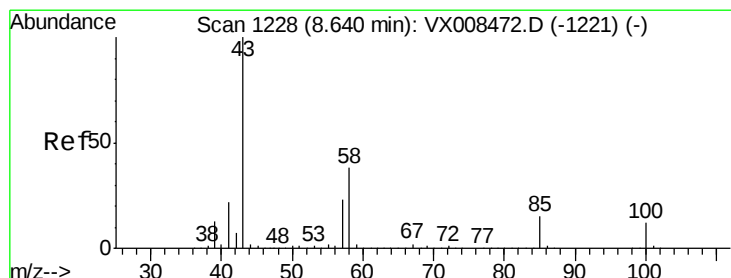
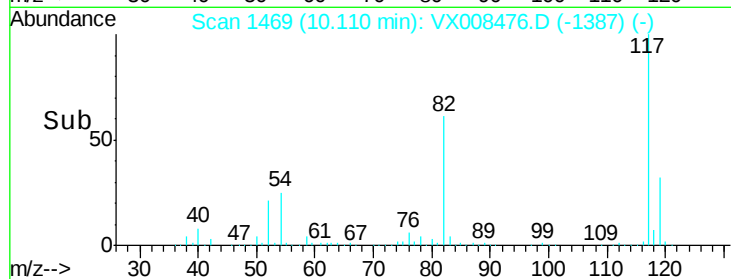
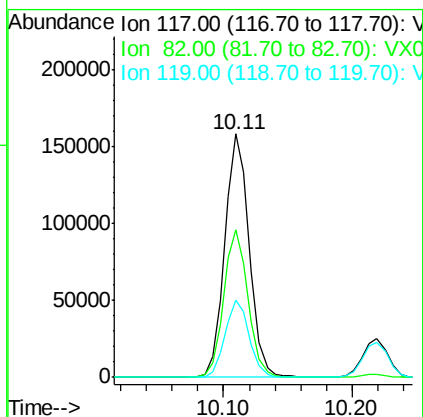
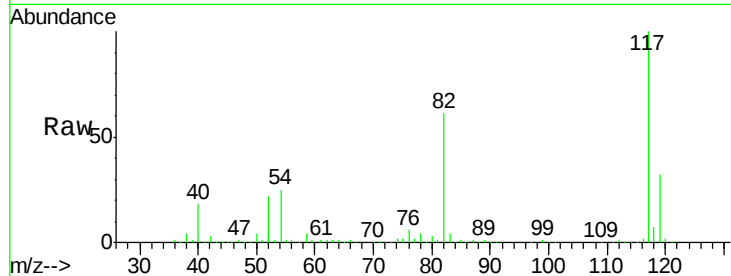
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	40.4	60.6
119	31.3	25.8	38.6

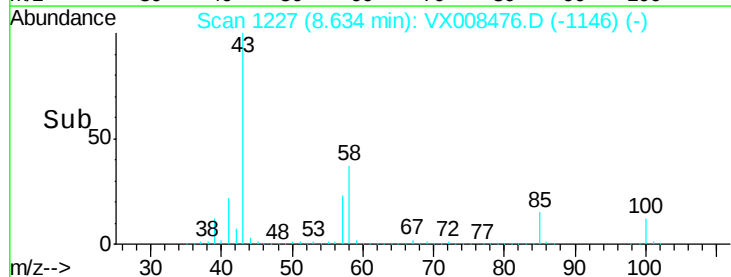
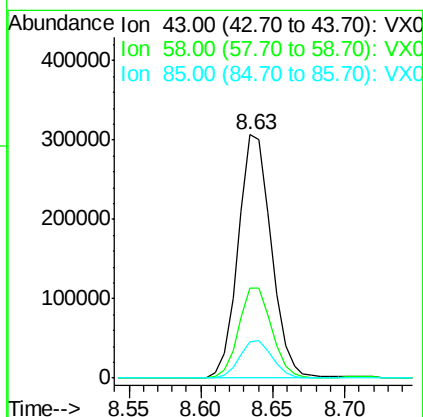
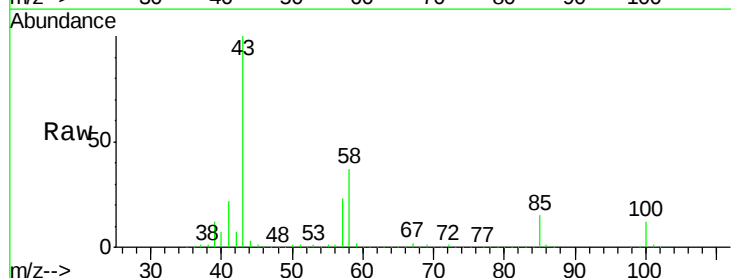
Manual Integrations
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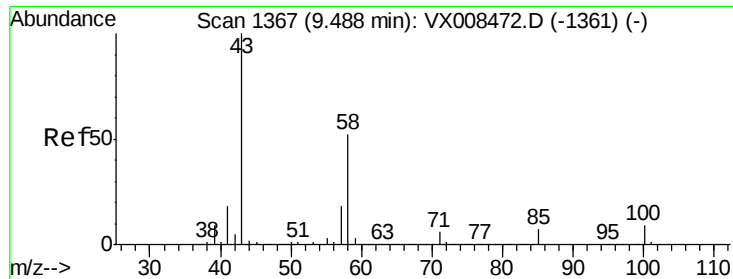
MMDadoda
3/28/2019 9:37:26 AM



#58
4-Methyl-2-Pentanone
Concen: 87.690 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.2	31.4	47.0
85	15.2	15.0	22.6





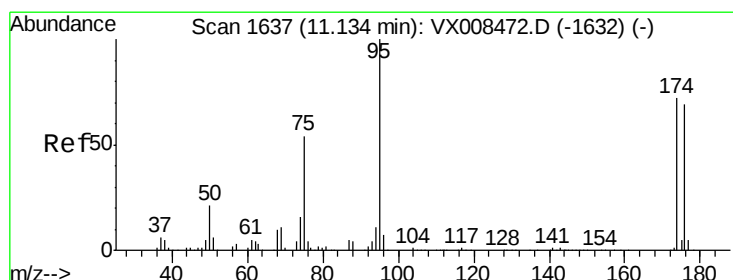
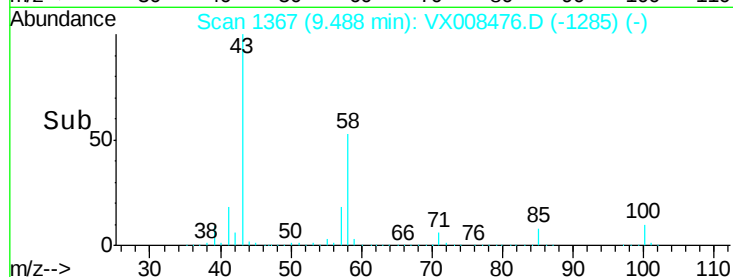
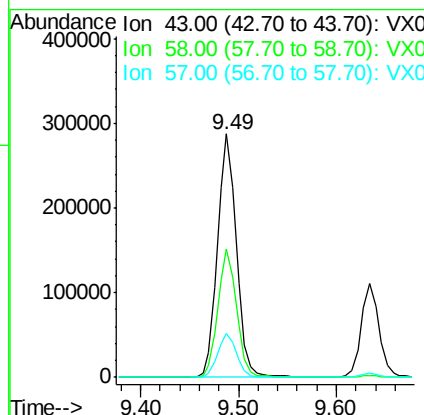
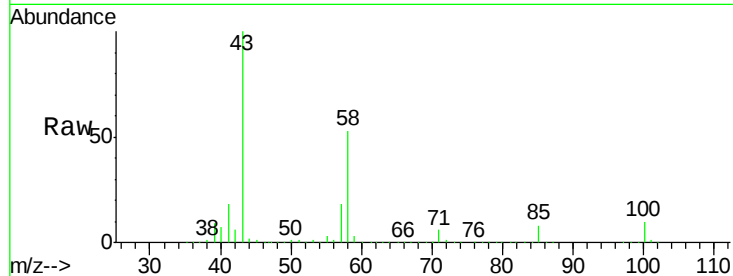
#59
2-Hexanone
Concen: 87.459 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	43.9	65.9
57	18.1	14.9	22.3

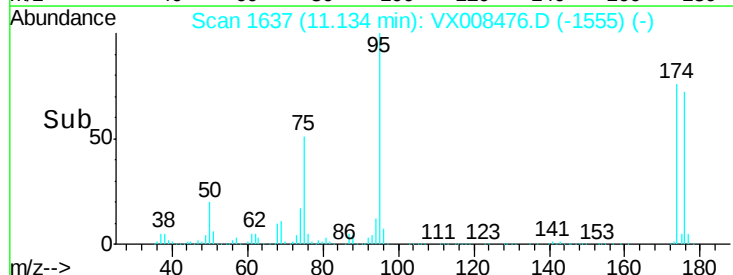
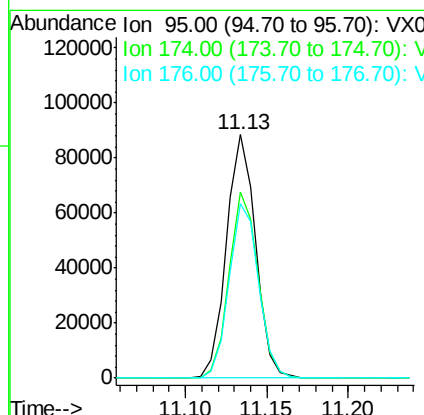
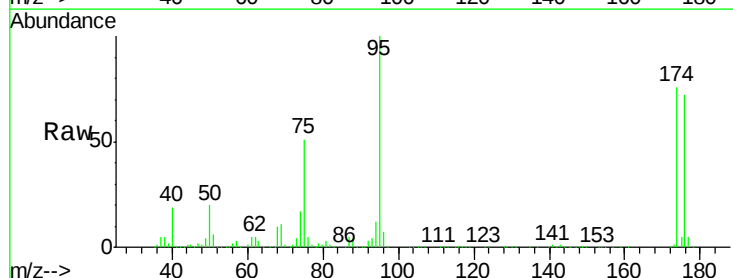
Manual Integrations
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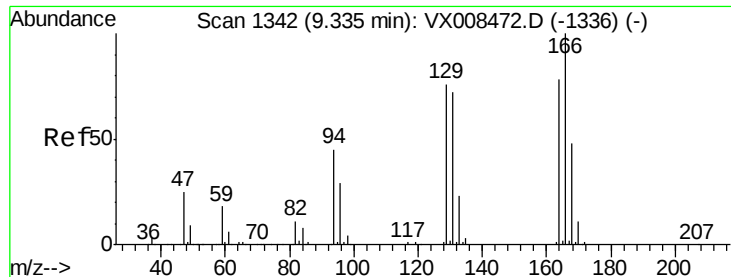
MMDadoda
3/28/2019 9:37:26 AM



#60
4-Bromofluorobenzene
Concen: 29.647 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	74.9	112.3
176	72.6	70.7	106.1





#61

Tetrachloroethene

Concen: 18.526 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion:164 Resp: 42948

Ion Ratio Lower Upper

164 100

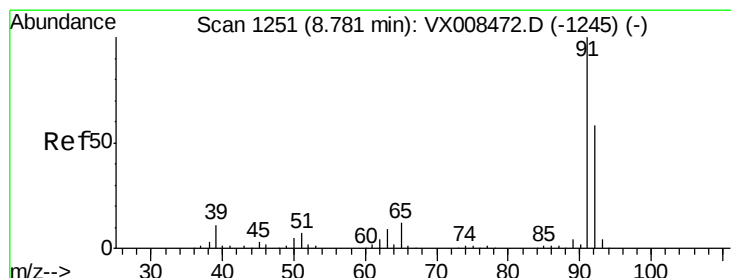
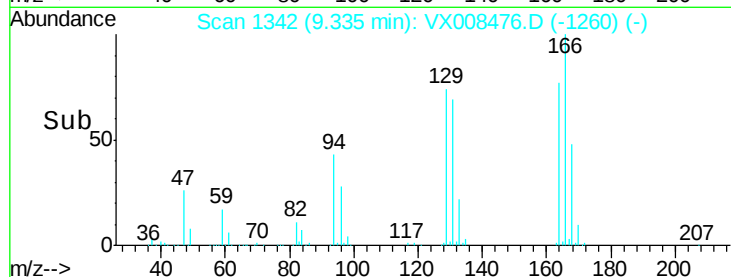
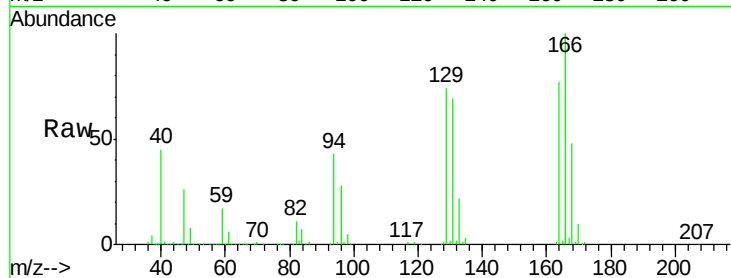
166 130.2 103.9 155.9

129 95.9 74.7 112.1

131 90.3 71.7 107.5

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3/28/2019 9:37:26 AM



#62

Toluene

Concen: 18.254 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX008476.D

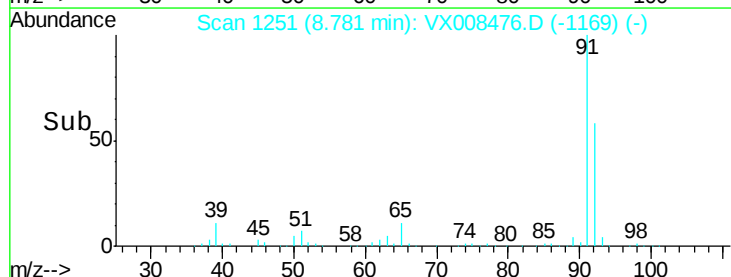
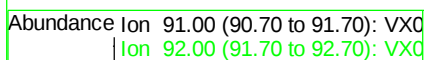
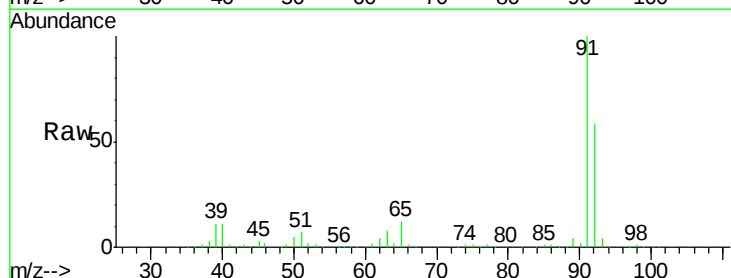
Acq: 27 Mar 2019 12:18

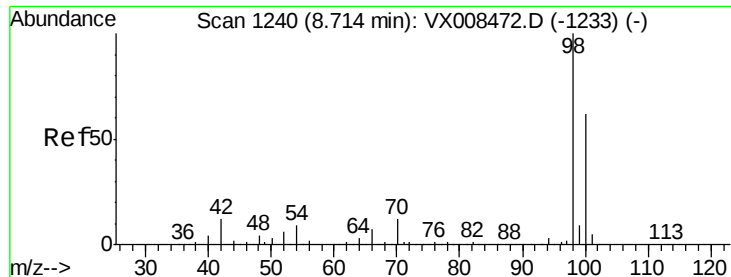
Tgt Ion: 91 Resp: 234238

Ion Ratio Lower Upper

91 100

92 57.7 46.4 69.6





#63

Toluene-d8

Concen: 29.934 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion: 98 Resp: 301139

Ion Ratio Lower Upper

98 100

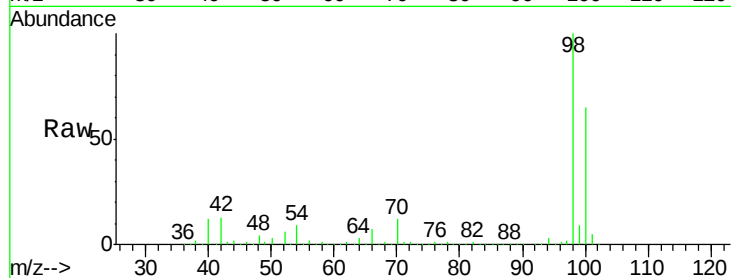
100 64.6 50.9 76.3

Manual Integrations

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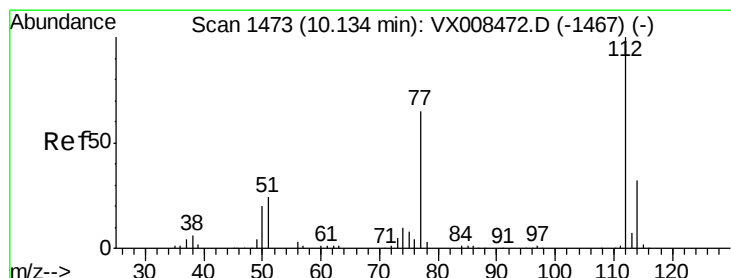
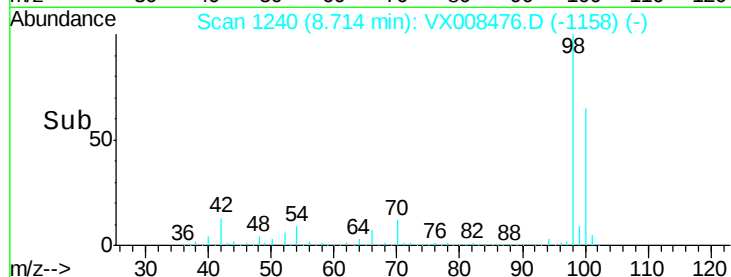
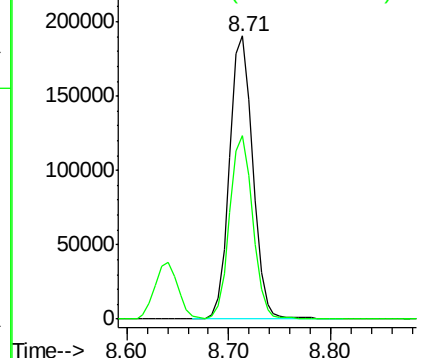
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3/28/2019 9:37:26 AM



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 18.276 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX008476.D

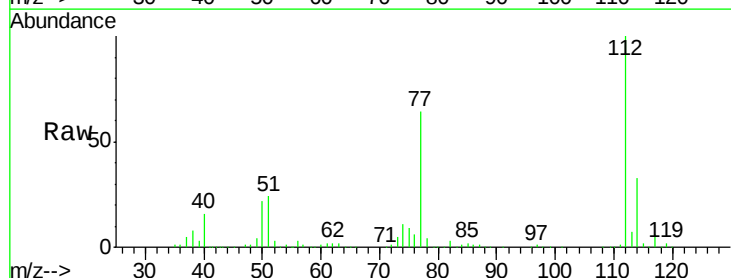
Acq: 27 Mar 2019 12:18

Tgt Ion: 112 Resp: 137418

Ion Ratio Lower Upper

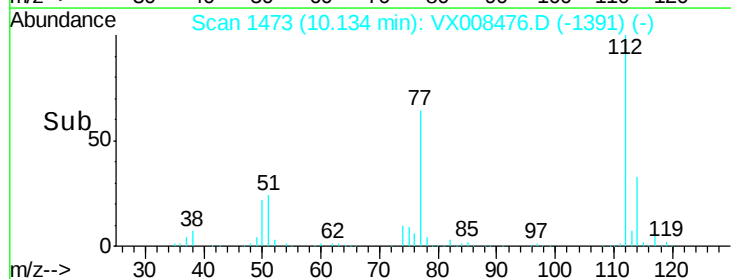
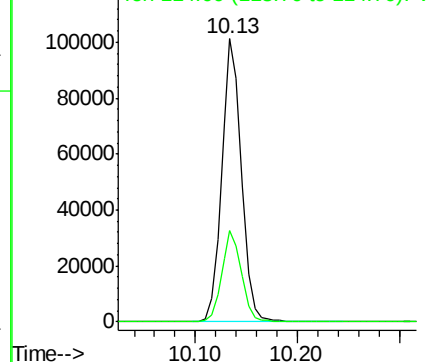
112 100

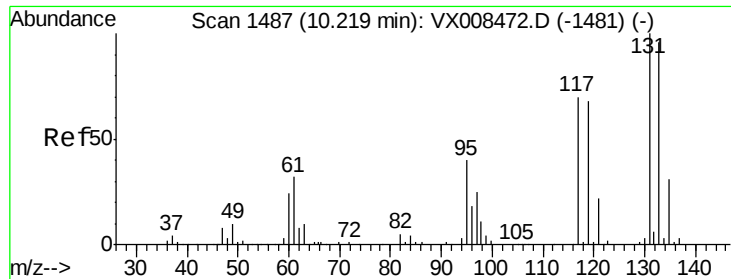
114 32.5 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 17.882 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

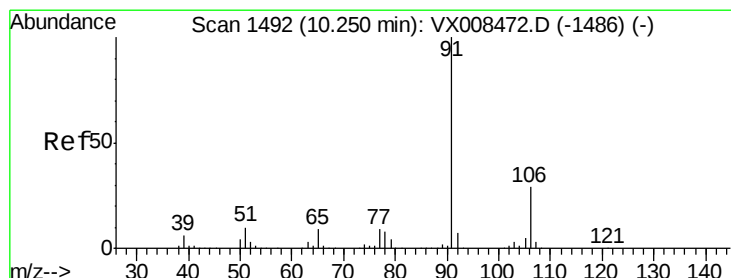
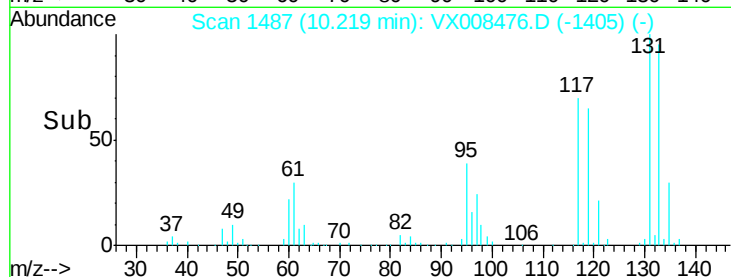
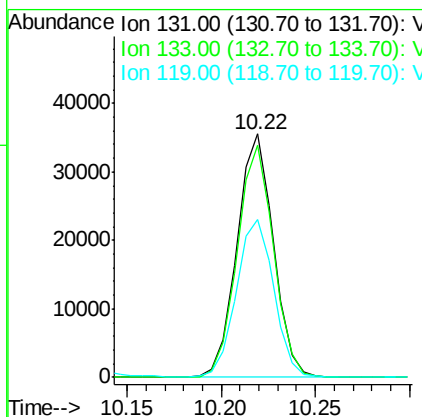
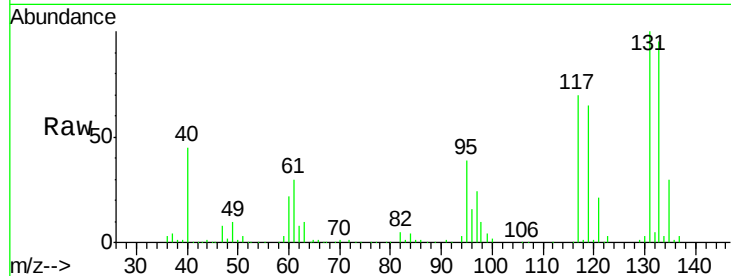
ClientSampleId :

ICVVX032719

Tot Ion	Ratio	Resp	Lower	Upper
131	100	47405		
133	95.3	0.0	191.6	
119	67.1	0.0	127.4	

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#66

Ethyl Benzene

Concen: 18.252 ug/l

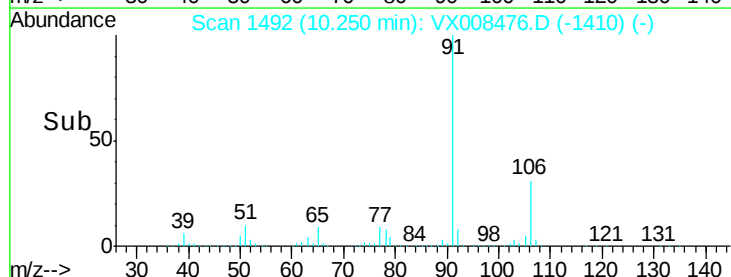
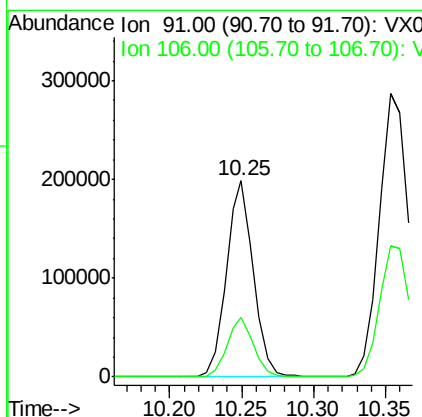
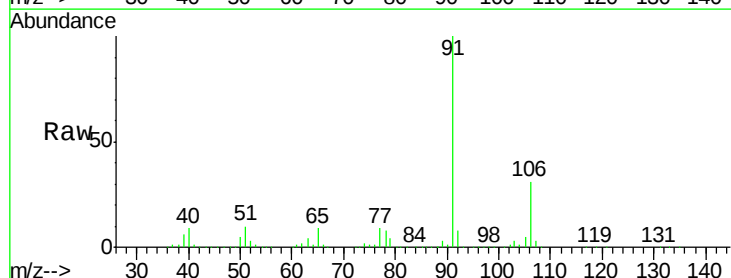
RT: 10.25 min Scan# 1492

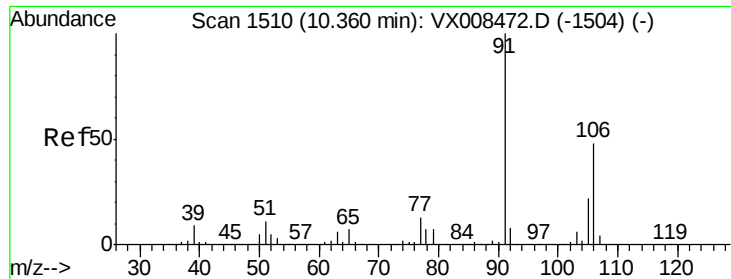
Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	259957		
106	30.6	26.0	39.0	





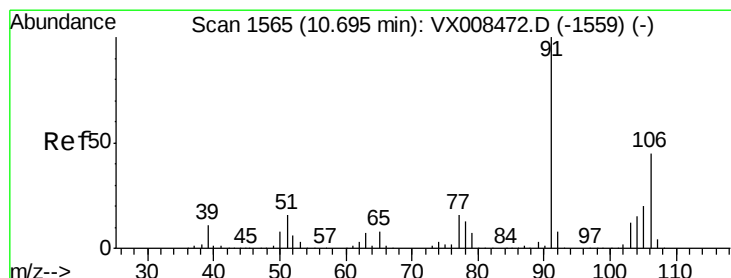
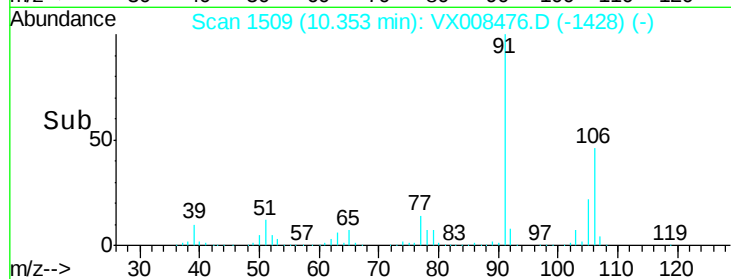
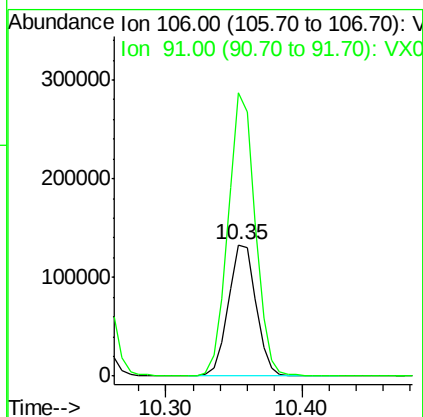
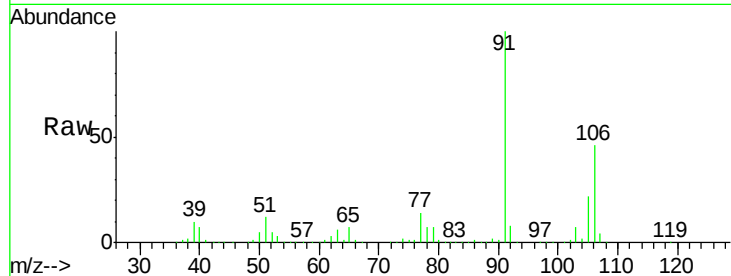
#67
m/p-Xvlenes
Concen: 36.477 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion:106 Resp: 189495
Ion Ratio Lower Upper
106 100
91 211.0 157.0 235.4

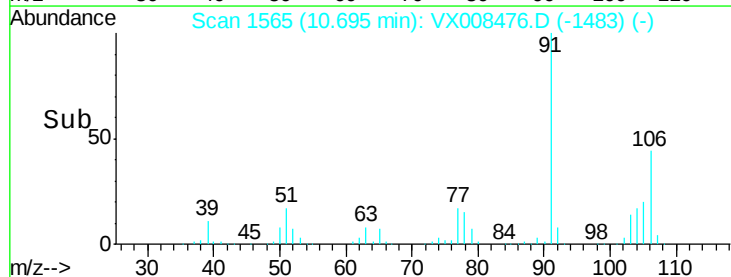
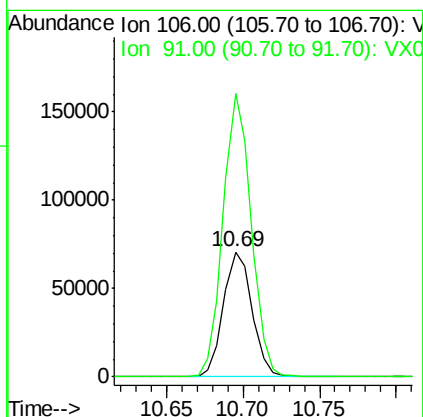
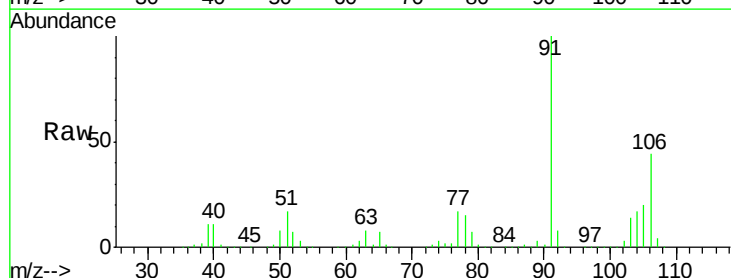
Manual Integrations
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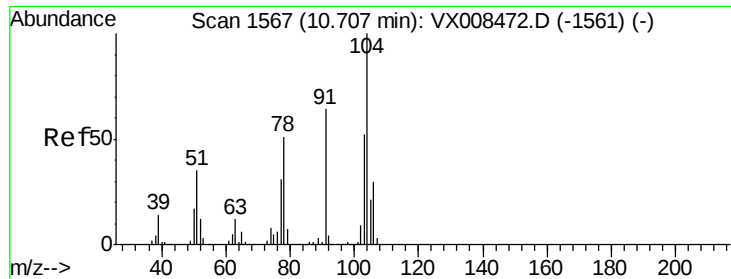
MMDadoda
3/28/2019 9:37:26 AM



#68
o-Xylene
Concen: 18.062 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion:106 Resp: 91819
Ion Ratio Lower Upper
106 100
91 222.2 104.4 313.2





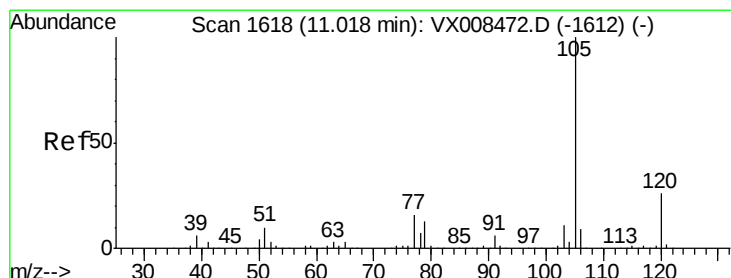
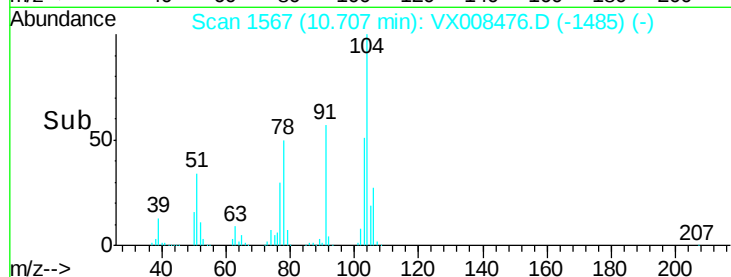
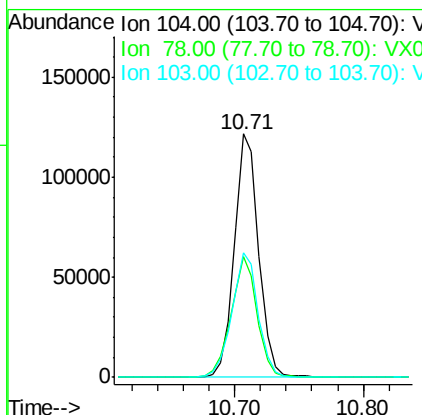
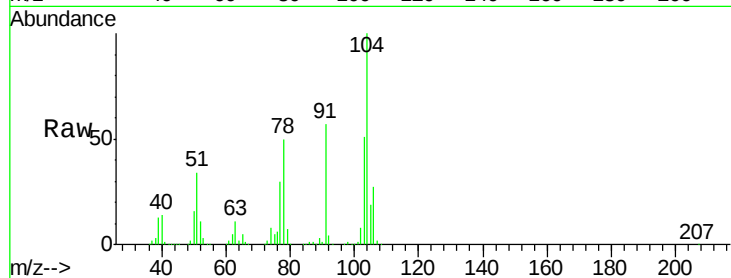
#69
Stvrene
Concen: 18.082 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.3	38.2	57.2
103	55.5	45.0	67.4

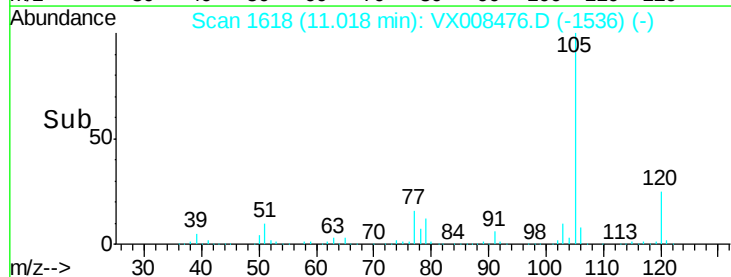
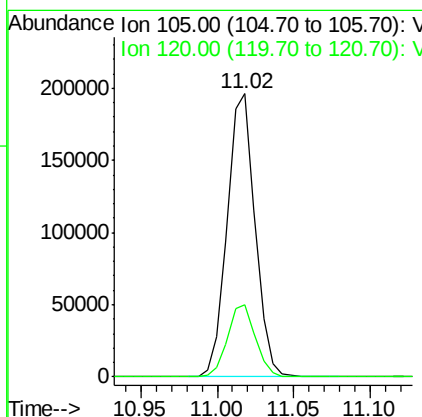
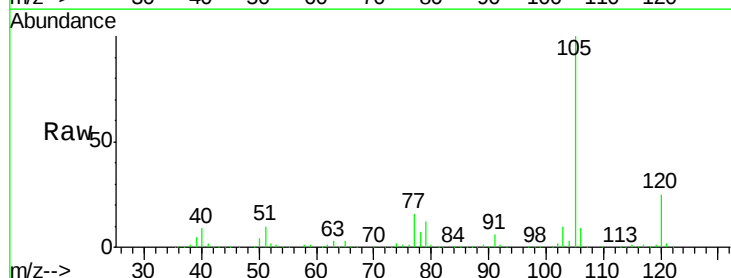
Manual Integrations
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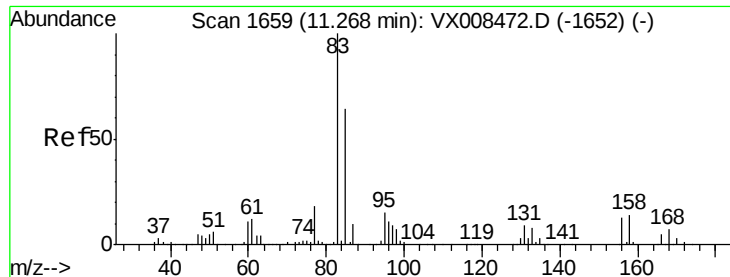
MMDadoda
3/28/2019 9:37:26 AM



#70
Isopropylbenzene
Concen: 18.503 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	19.8	36.8





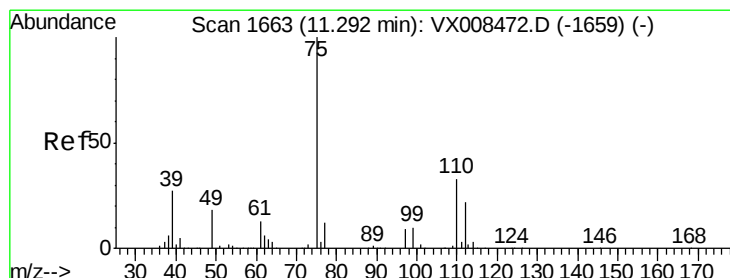
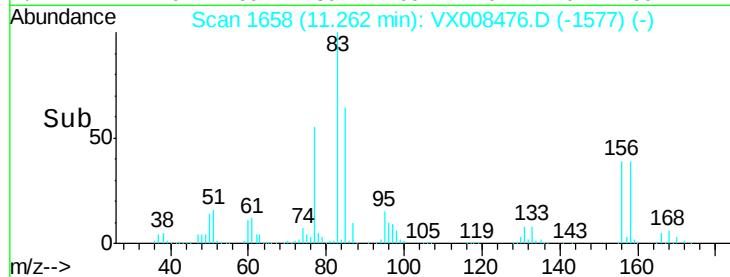
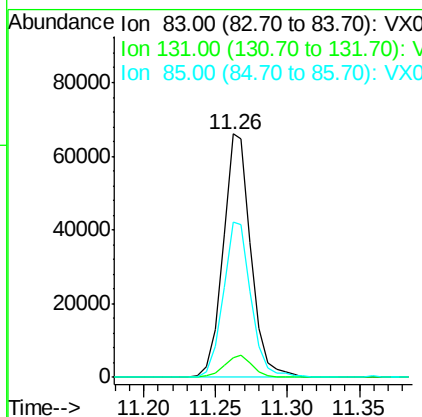
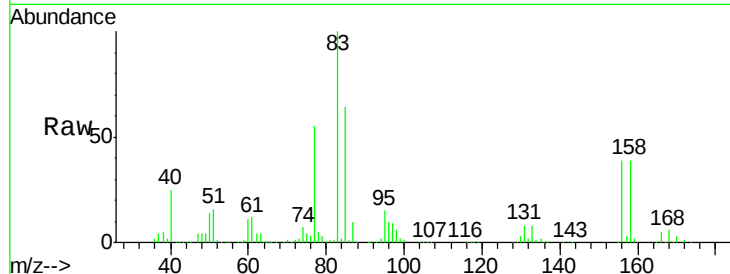
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.832 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion	83	Resp	89334
Ion Ratio	100	Lower	Upper
83	100		
131	8.8	5.4	16.2
85	64.0	32.8	98.4

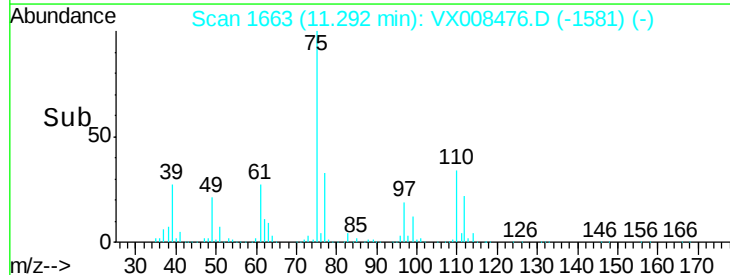
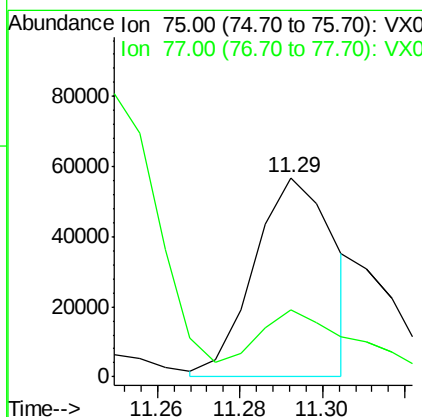
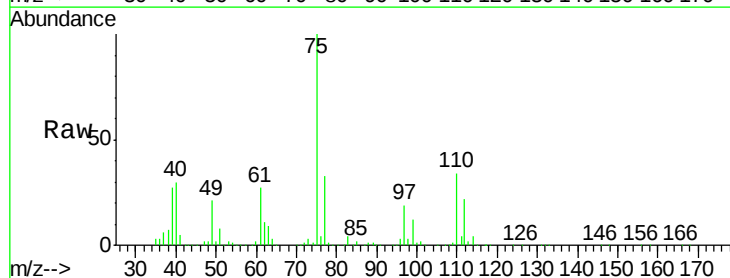
Manual Integrations
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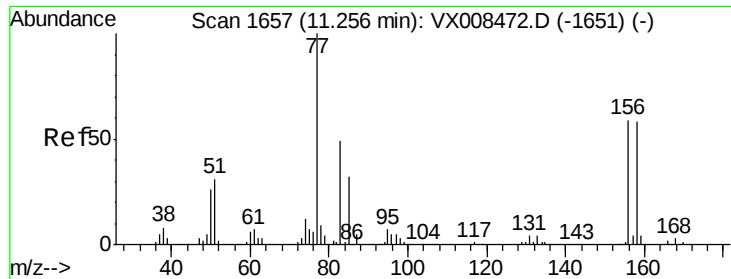
MMDadoda
 3/28/2019 9:37:26 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.086 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion	75	Resp	76587
Ion Ratio	100	Lower	Upper
75	100		
77	42.1	0.0	76.4





#73

Bromobenzene

Concen: 17.900 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

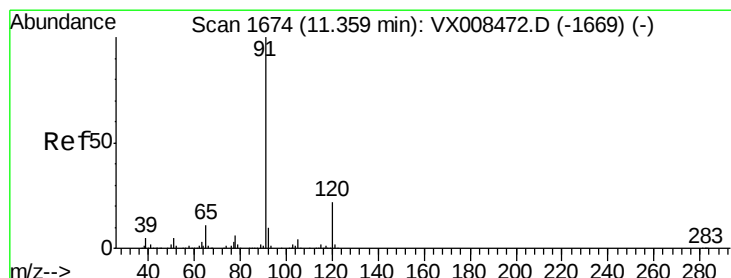
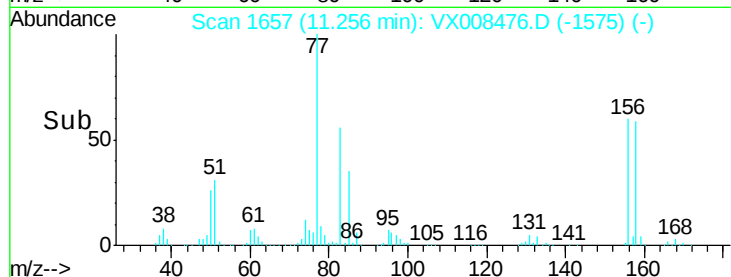
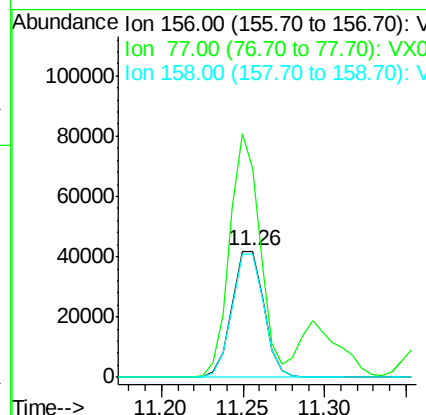
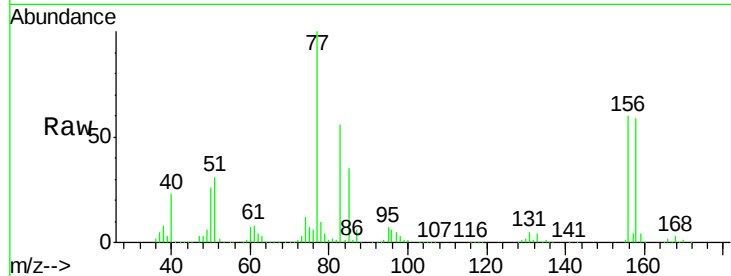
ClientSampleId :

ICVVX032719

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.3	0.0	271.4
158	98.0	0.0	194.0

Manual Integrations
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#74

n-propylbenzene

Concen: 18.593 ug/l

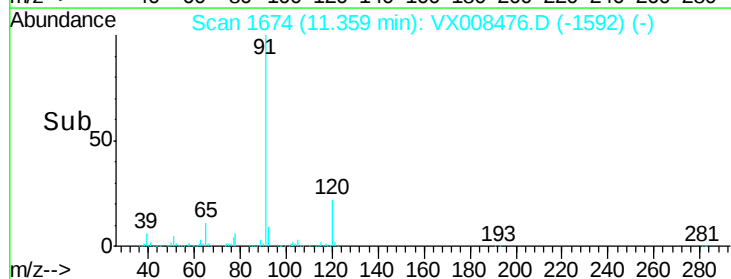
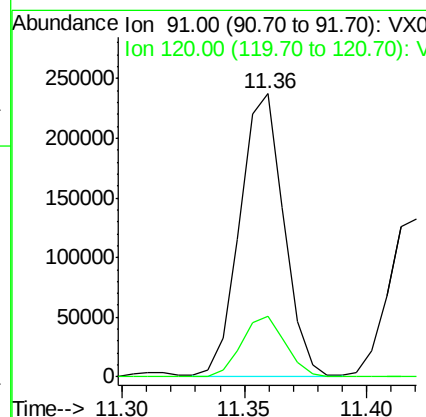
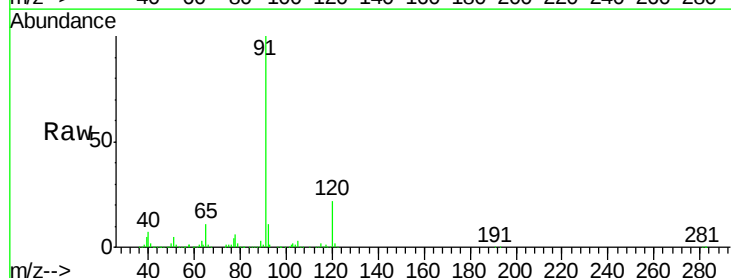
RT: 11.36 min Scan# 1674

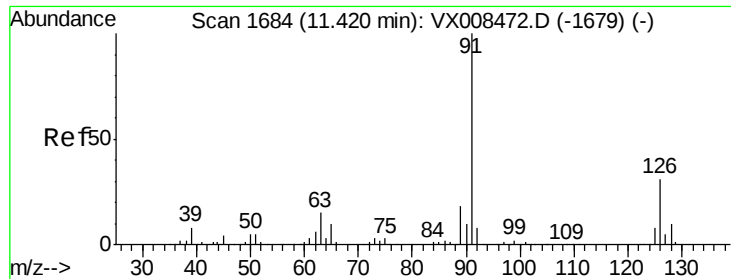
Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	0.0	48.6





#75

2-Chlorotoluene

Concen: 18.205 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion: 91 Resp: 173025

Ion Ratio Lower Upper

91 100

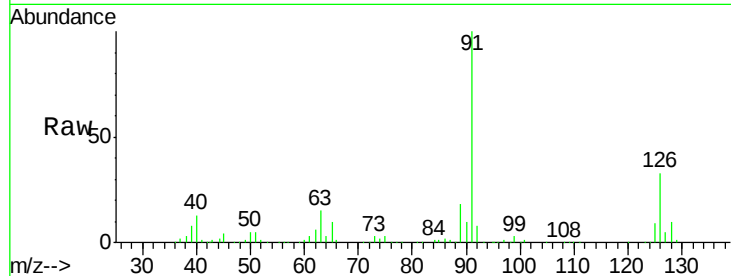
126 31.8 0.0 75.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

250000

200000

150000

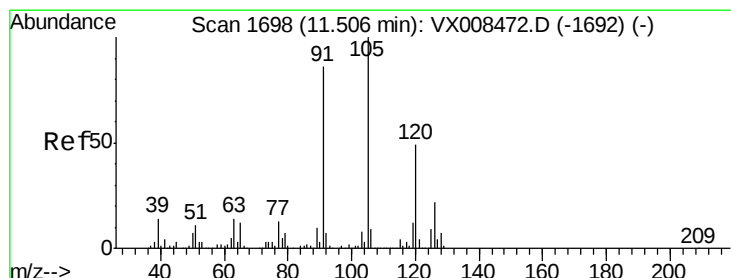
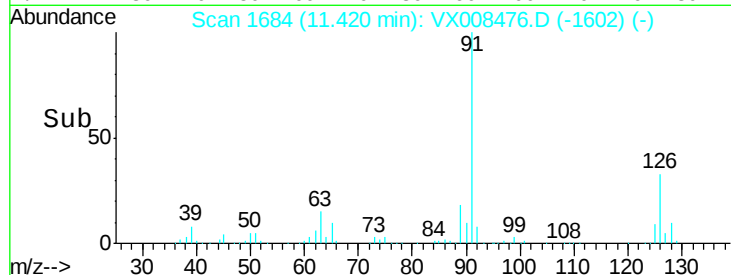
100000

50000

0

11.40 11.42 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.316 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008476.D

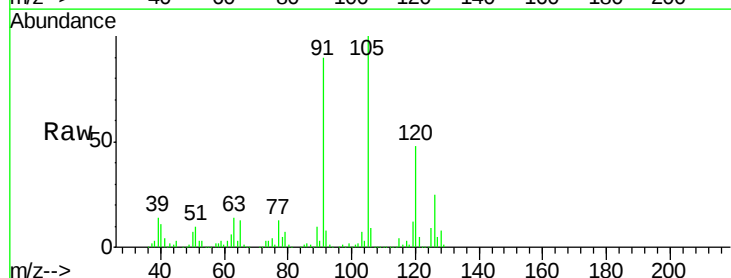
Acq: 27 Mar 2019 12:18

Tgt Ion:105 Resp: 209991

Ion Ratio Lower Upper

105 100

120 47.5 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

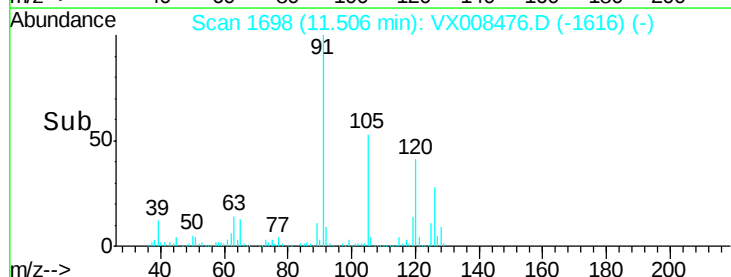
100000

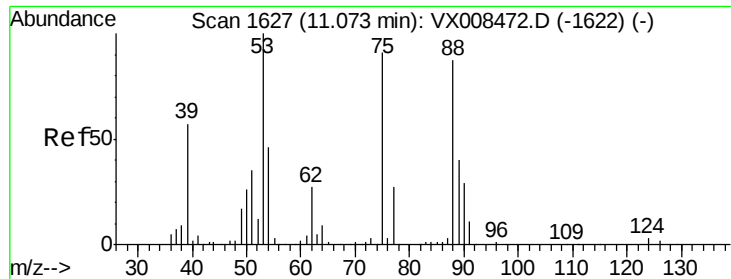
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 16.793 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion: 75 Resp: 27277

Ion Ratio Lower Upper

75 100

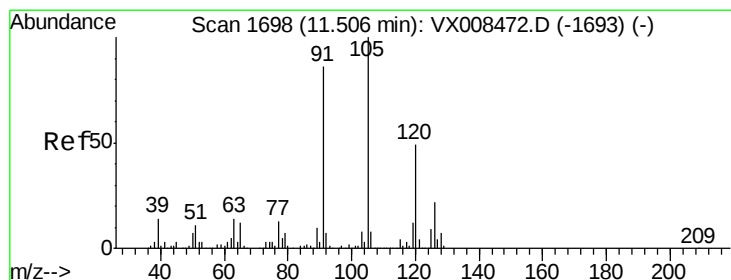
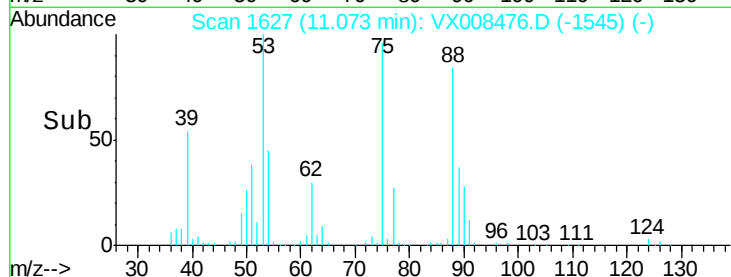
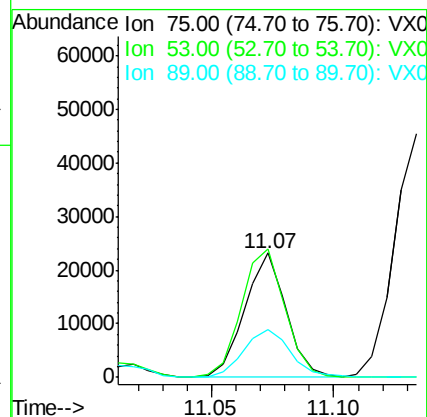
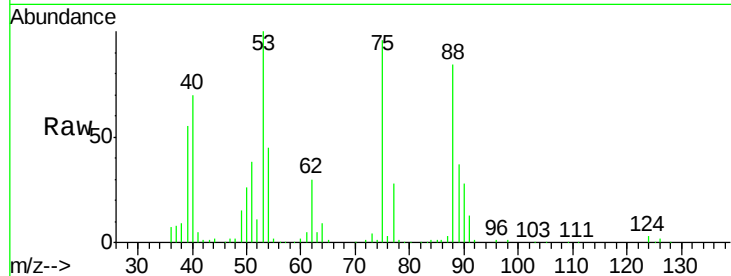
53 103.7 55.5 166.7

89 38.8 24.4 73.2

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#78

4-Chlorotoluene

Concen: 18.291 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008476.D

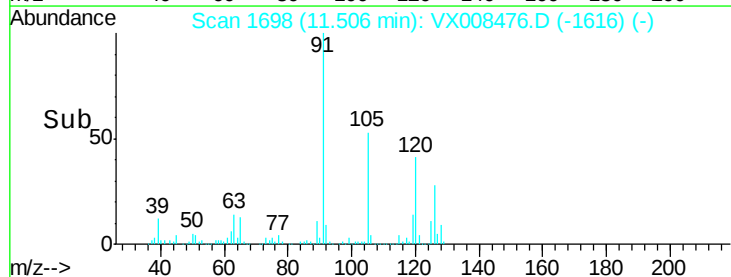
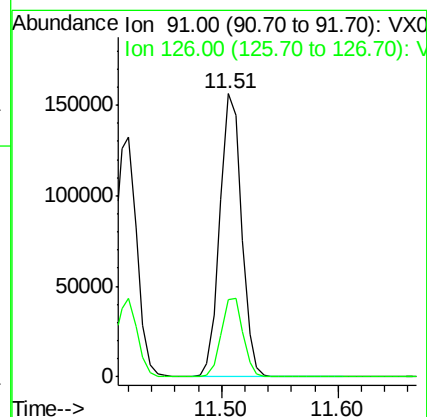
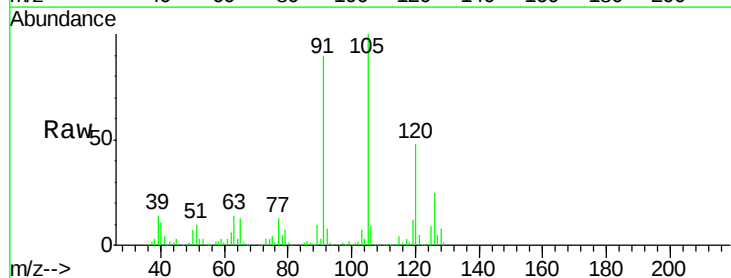
Acq: 27 Mar 2019 12:18

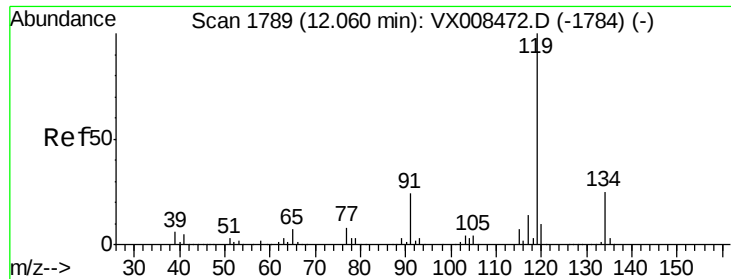
Tgt Ion: 91 Resp: 200078

Ion Ratio Lower Upper

91 100

126 27.9 0.0 66.2





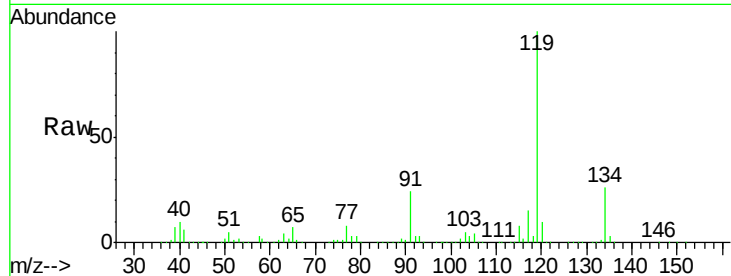
#79
tert-butylbenzene
Concen: 18.452 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

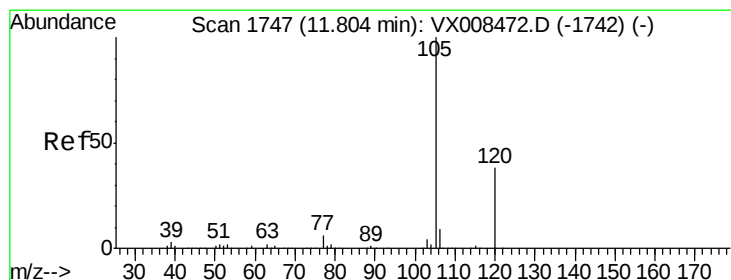
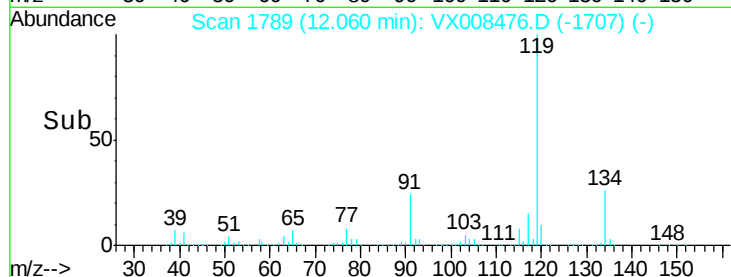
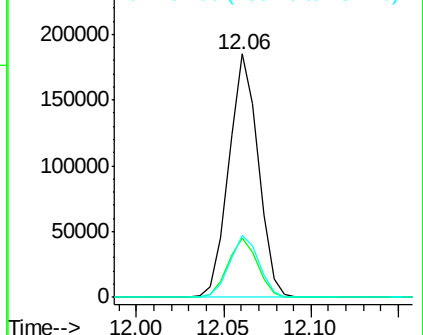
Tot Ion	Ratio	Resp	Lower	Upper
119	100	216189		
91	24.5	0.0	45.0	
134	25.7	0.0	55.4	

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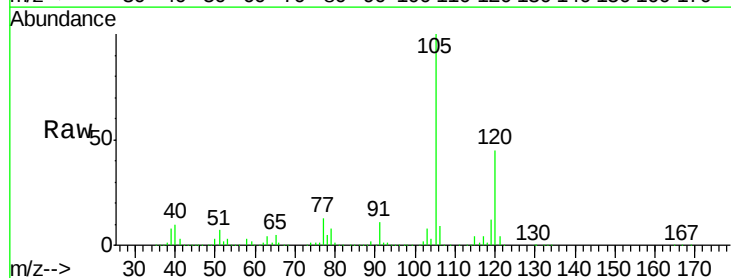


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

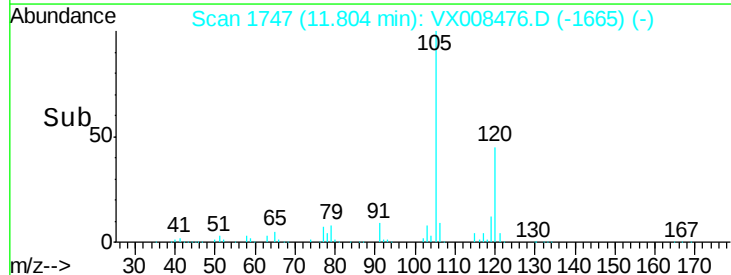
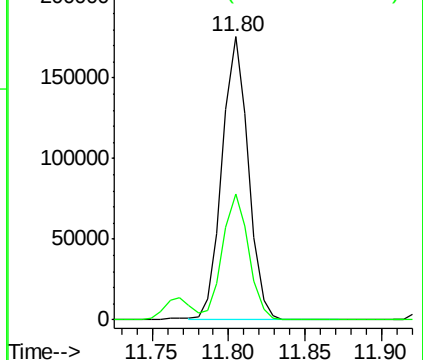


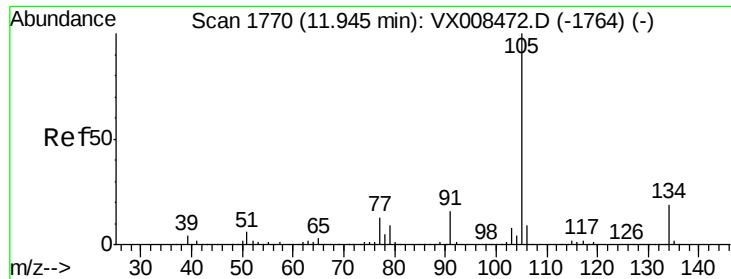
#80
1,2,4-Trimethylbenzene
Concen: 18.240 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208505		
120	44.5	0.0	94.0	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.489 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032719

Tot Ion:105 Resp: 242191

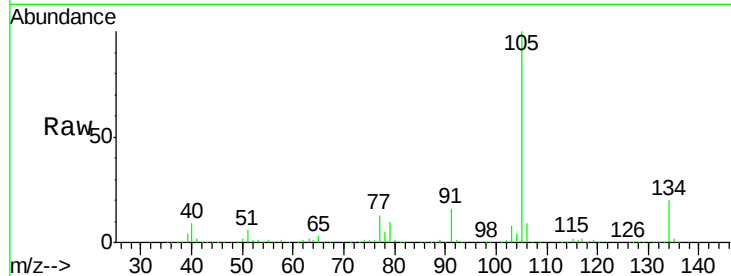
Ion Ratio Lower Upper

105 100

134 19.1 0.0 41.8

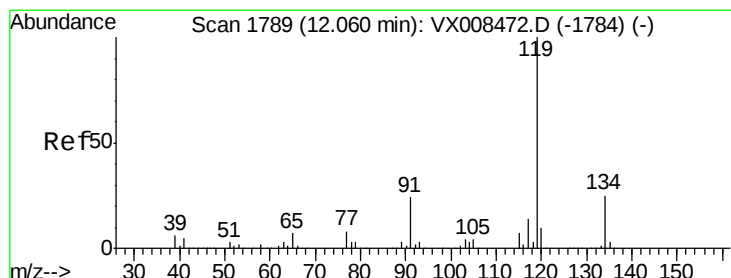
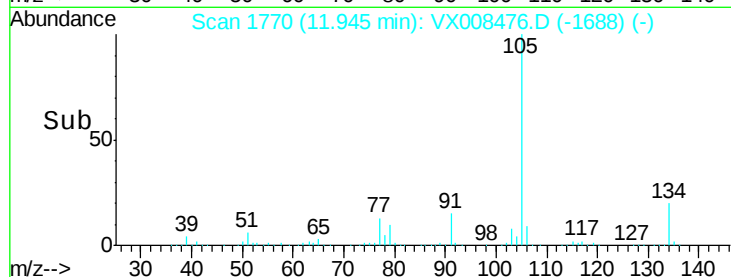
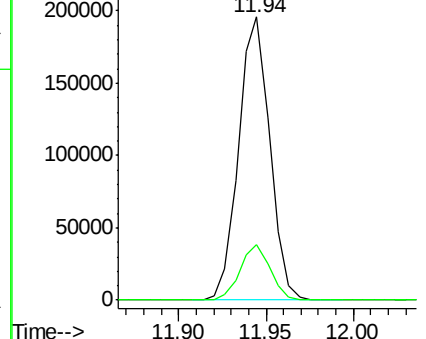
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.452 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

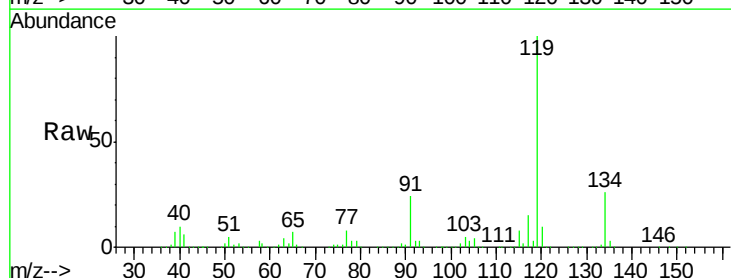
Tgt Ion:119 Resp: 216189

Ion Ratio Lower Upper

119 100

134 25.7 0.0 55.4

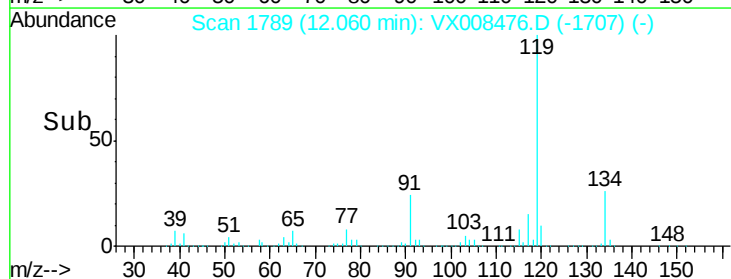
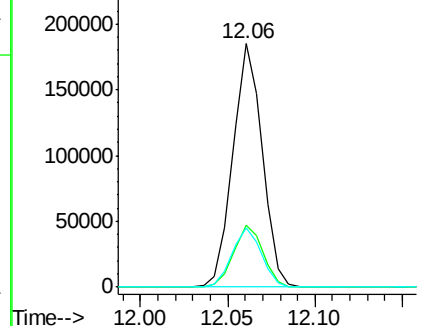
91 24.5 0.0 45.0

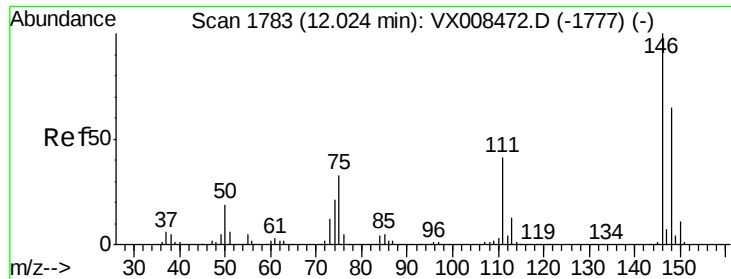


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





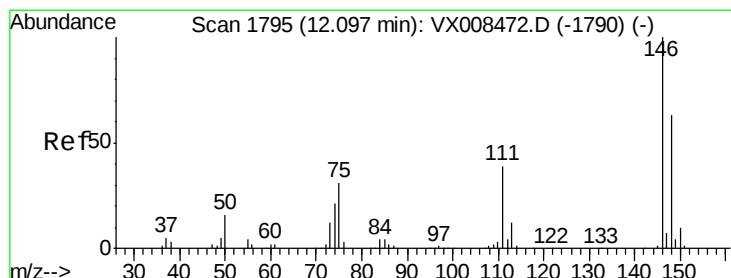
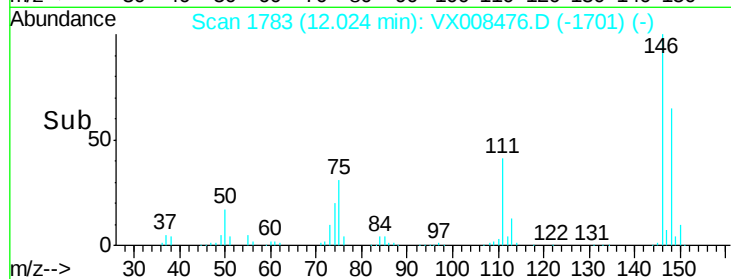
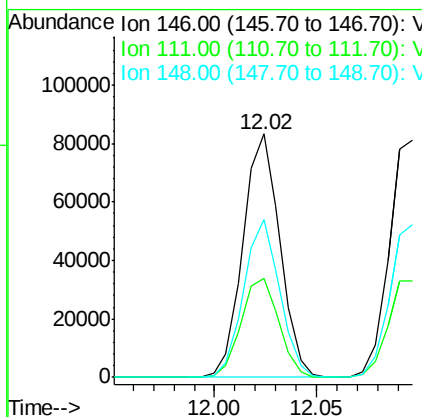
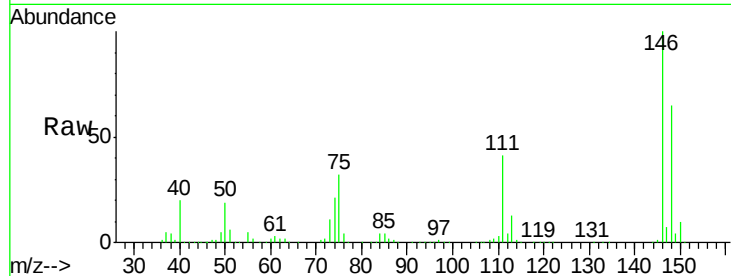
#83
 1,3-Dichlorobenzene
 Concen: 18.503 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.8	56.3
148	63.5	30.6	91.8

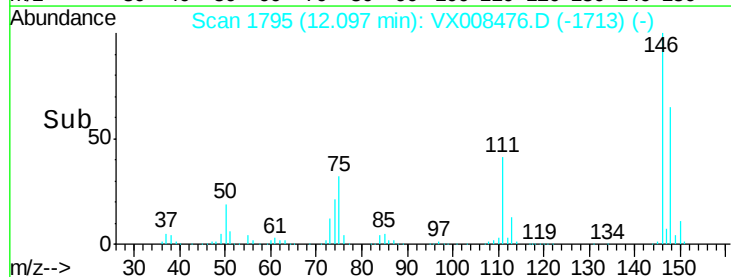
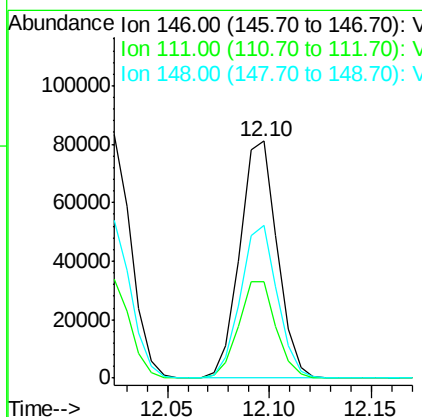
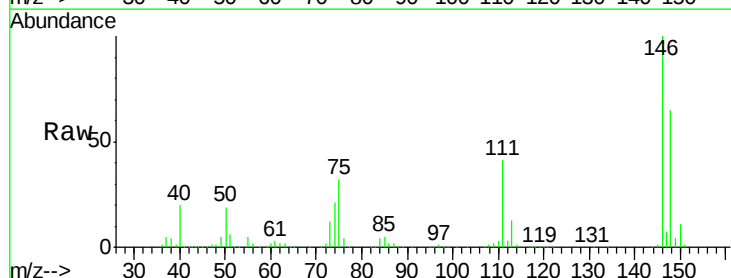
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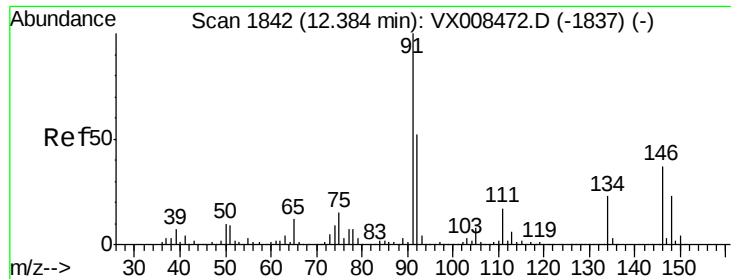
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#84
 1,4-Dichlorobenzene
 Concen: 18.183 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	17.6	52.8
148	63.8	31.4	94.2





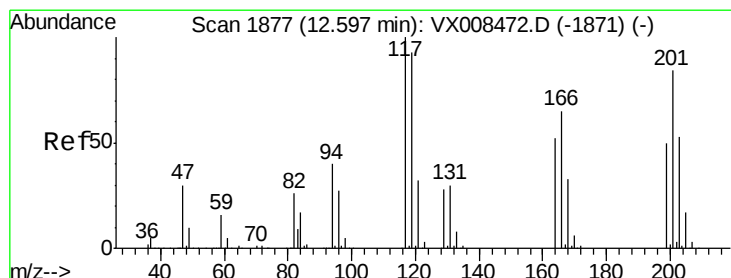
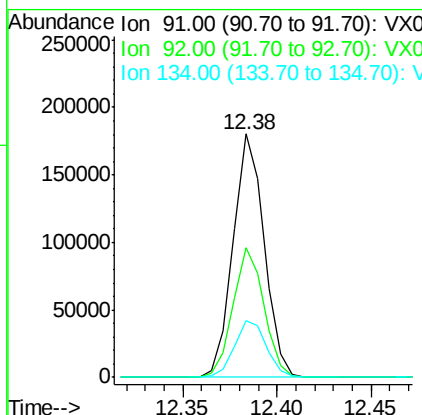
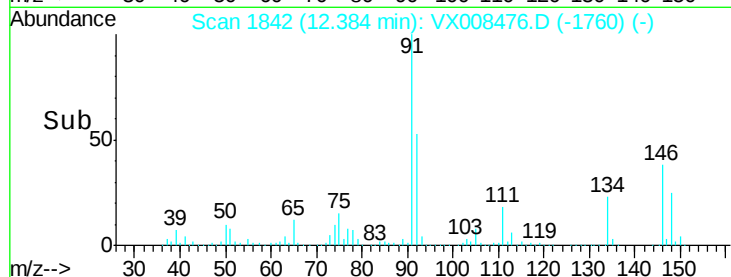
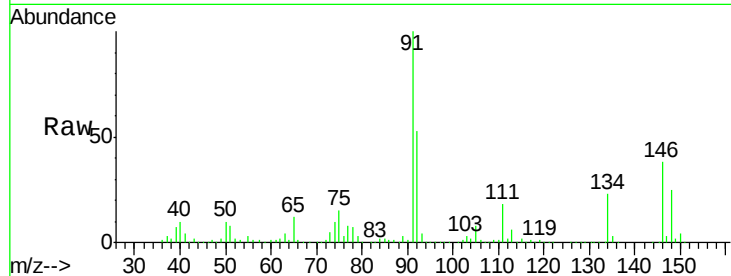
#85
n-Butylbenzene
Concen: 18.515 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Resp	Lower	Upper
91	100	206114		
92	53.1	0.0	105.2	
134	23.8	0.0	56.4	

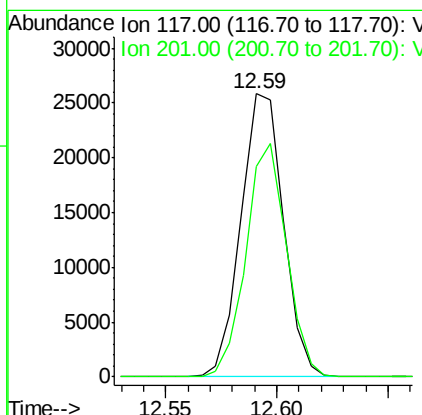
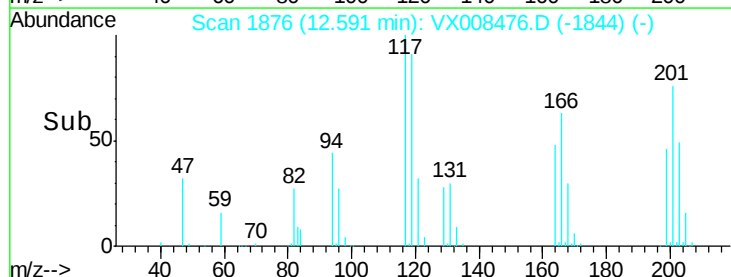
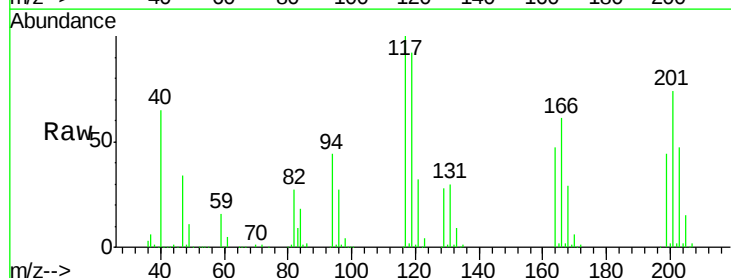
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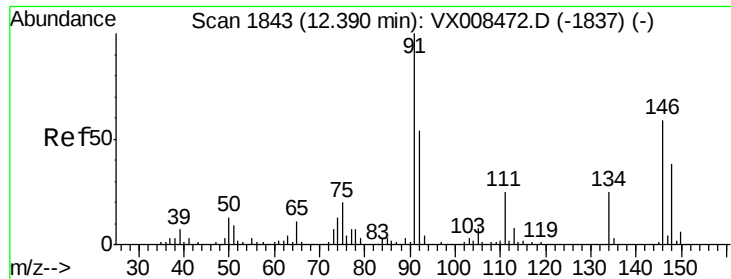
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#86
Hexachloroethane
Concen: 17.657 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34565		
201	78.4	41.1	123.3	





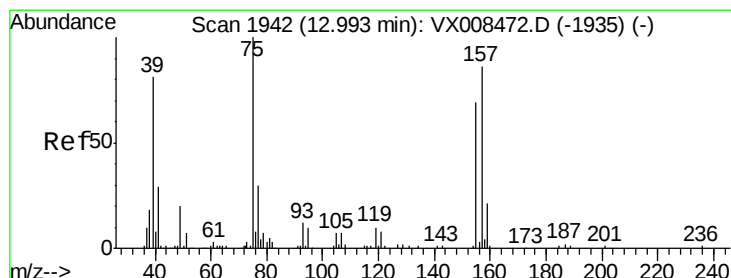
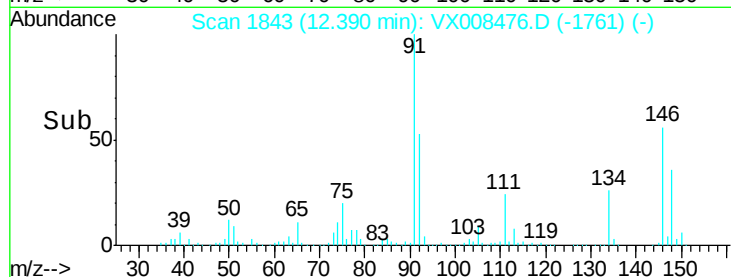
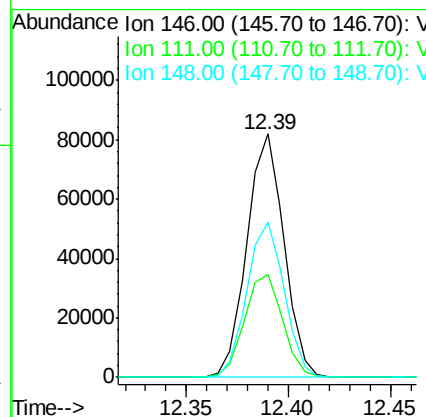
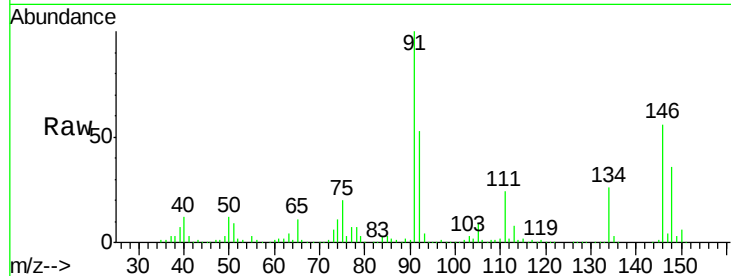
#87
 1,2-Dichlorobenzene
 Concen: 18.147 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032719

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.3	57.8
148	64.4	32.1	96.3

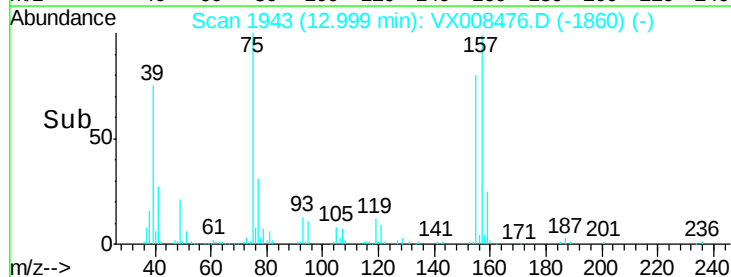
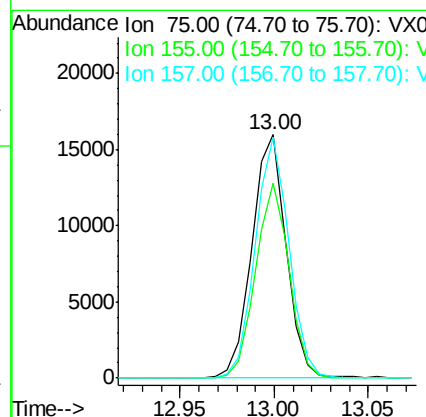
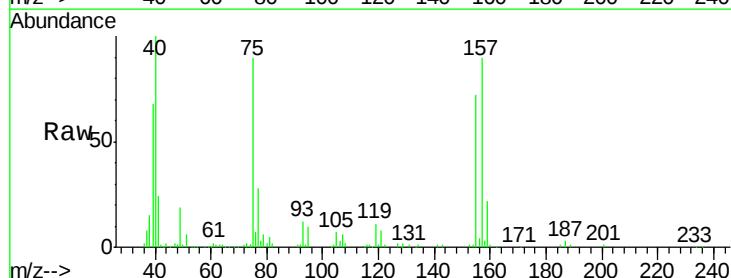
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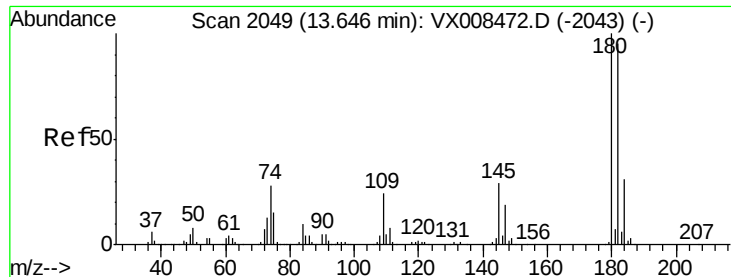
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.078 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008476.D
 Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	81.0	121.6#
157	97.7	103.2	154.8#





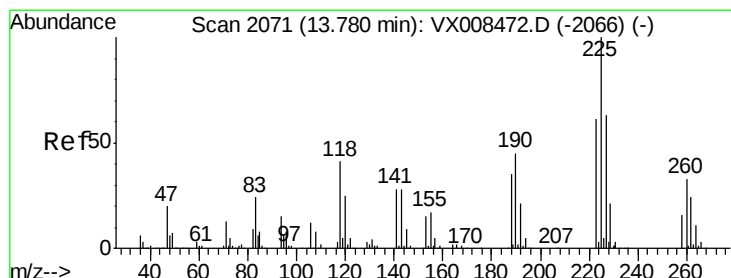
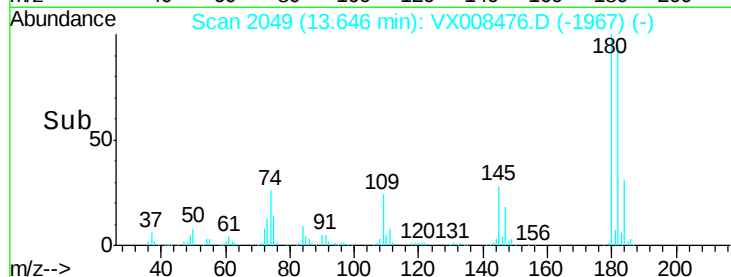
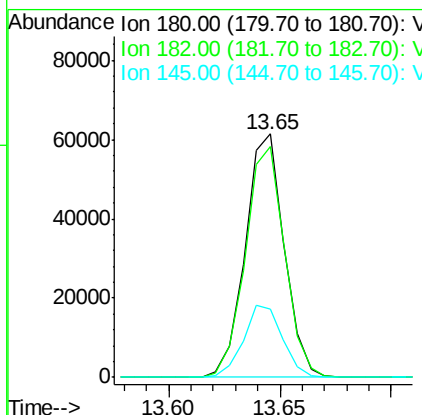
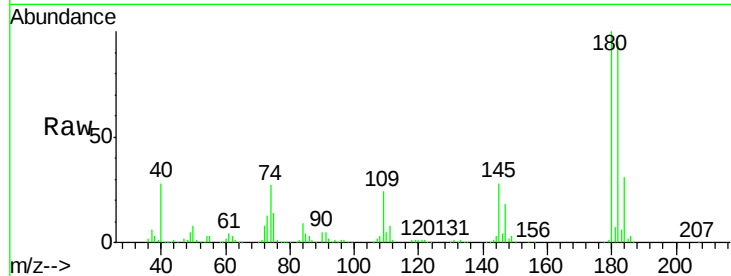
#89
1,2,4-Trichlorobenzene
Concen: 19.005 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032719

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.6	113.4
145	29.7	23.0	34.6

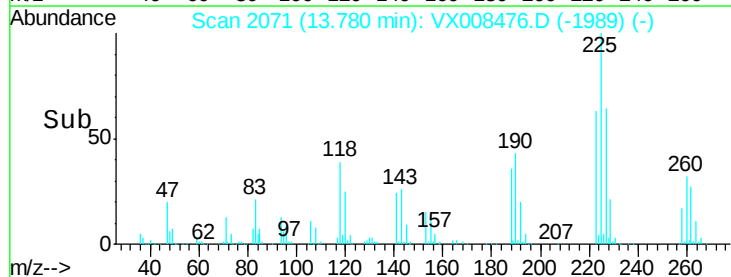
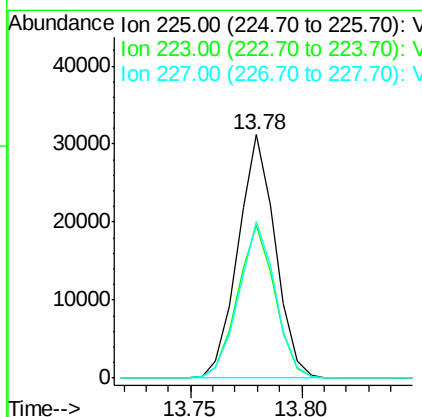
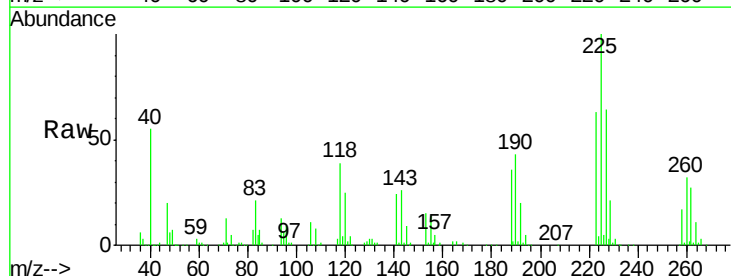
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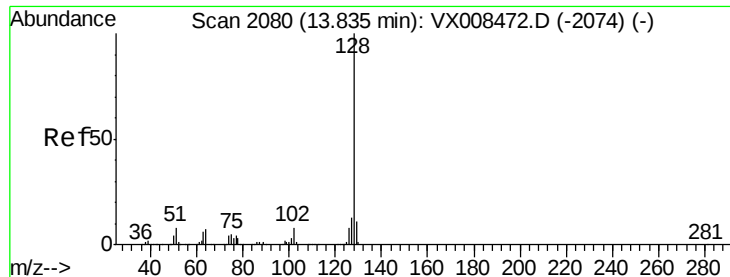
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#90
Hexachlorobutadiene
Concen: 19.141 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX008476.D
Acq: 27 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	0.0	123.8
227	62.8	0.0	124.4





#91

Naphthalene

Concen: 19.031 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Instrument :

MSVOA_X

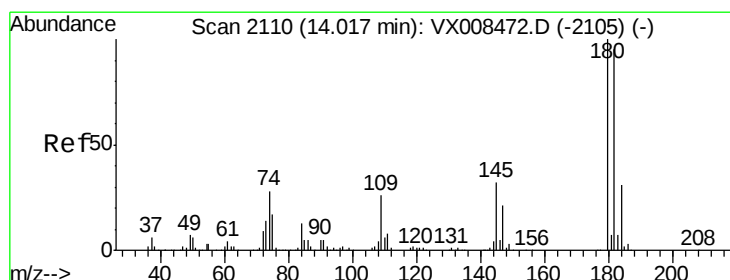
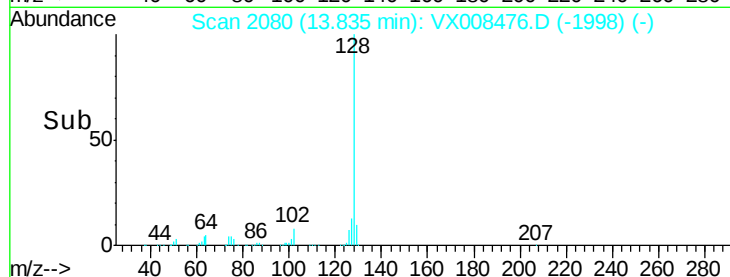
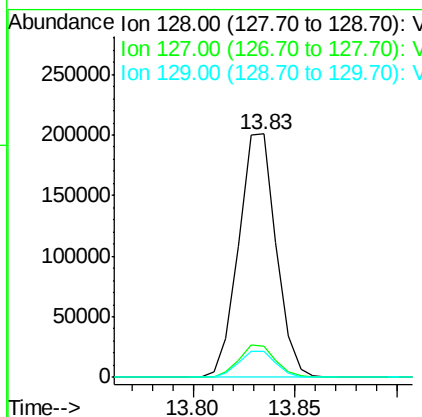
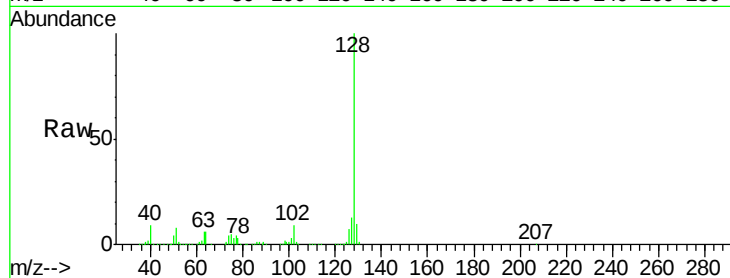
ClientSampleId :

ICVVX032719

Tot Ion:	128	Resp:	256687
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.7	8.9	13.3

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#92

1,2,3-Trichlorobenzene

Concen: 18.967 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008476.D

Acq: 27 Mar 2019 12:18

Tgt Ion:	180	Resp:	75214
Ion Ratio	Lower	Upper	
180	100		
182	96.3	0.0	193.0
145	32.1	0.0	63.0

