

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008165.D
 Acq On : 18 Mar 2019 14:28
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 9:37:17 AM

Quant Time: Mar 19 03:09:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	53008	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	294831	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	259309	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	133488	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.13	95	132466	30.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.03%
63) Toluene-d8	8.71	98	377522	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	46421	19.544	ug/l 100
3) Chloromethane	1.33	50	56393	18.836	ug/l 98
4) Vinyl Chloride	1.41	62	57426	18.600	ug/l 99
5) Bromomethane	1.64	94	38491	15.654	ug/l 98
6) Chloroethane	1.73	64	35661	18.477	ug/l 93
7) Trichlorofluoromethane	1.93	101	72277	18.593	ug/l 100
8) Diethyl Ether	2.19	74	40398	19.247	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52643	19.965	ug/l 92
10) 1,1-Dichloroethene	2.38	96	48759	19.576	ug/l 90
11) Methyl Iodide	2.51	142	60314	19.025	ug/l 98
12) Methyl Acetate	2.78	43	78843	19.340	ug/l 97
13) Acrolein	2.29	56	58349	93.071	ug/l 97
14) Acrylonitrile	3.14	53	173013	95.641	ug/l 100
15) Acetone	2.45	58	51752	89.038	ug/l 89
16) Carbon Disulfide	2.57	76	152229	19.171	ug/l 100
17) Allyl chloride	2.73	41	103429	18.998	ug/l 98
18) Methylene Chloride	2.86	84	55999	19.294	ug/l 89
19) trans-1,2-Dichloroethene	3.17	96	52295	19.543	ug/l 87
20) Diisopropyl ether	3.85	45	206298	19.349	ug/l # 82
21) 1,1-Dichloroethane	3.70	63	105894	19.462	ug/l 95
22) cis-1,2-Dichloroethene	4.60	96	58647	19.225	ug/l # 81
23) tert-Butyl Alcohol	3.04	59	63375	95.091	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	173626	19.215	ug/l 96
25) Chloroform	5.21	83	99990	19.480	ug/l 98
26) Cyclohexane	5.58	56	101689	19.603	ug/l # 84
29) 1,1-Dichloropropene	5.80	75	76032	19.377	ug/l 92
30) 2-Butanone	4.67	43	258491	93.975	ug/l 94
31) 2,2-Dichloropropane	4.59	77	76661	19.371	ug/l 93
32) 1,1,1-Trichloroethane	5.50	97	81003	19.489	ug/l # 95
33) Carbon Tetrachloride	5.79	117	67310	19.297	ug/l 95
34) Benzene	6.15	78	229439	19.554	ug/l # 97
35) Methacrylonitrile	5.04	41	51482	19.237	ug/l 93
36) 1,2-Dichloroethane	6.20	62	82080	19.273	ug/l 98
37) Trichloroethene	7.21	130	54299	19.420	ug/l 88
38) Methylcyclohexane	7.46	83	95134	19.960	ug/l 89
39) 1,2-Dichloropropane	7.51	63	62890	19.680	ug/l 99
40) Dibromomethane	7.66	93	37965	19.405	ug/l 90

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

41) Bromodichloromethane	7.90	83	72157	19.073	ug/l	99
42) Vinyl Acetate	3.82	43	898421	97.119	ug/l #	94
43) Ethyl Acetate	4.83	43	96847m	19.859	ug/l	
44) Isopropyl Acetate	6.45	43	145550	19.243	ug/l	97
45) 1,4-Dioxane	7.74	88	27193	384.851	ug/l #	82
46) Methyl methacrylate	7.77	41	76336	19.127	ug/l	90
47) n-amyl Acetate	10.90	43	124410	19.248	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	77824	18.611	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	86803	18.659	ug/l	93
50) 1,1,2-Trichloroethane	9.21	97	56694	20.183	ug/l	95
51) Ethyl methacrylate	9.18	69	86713	19.042	ug/l	92
52) 1,3-Dichloropropane	9.37	76	99679	19.818	ug/l	98
53) Dibromochloromethane	9.58	129	50997	18.776	ug/l	99
54) 1,2-Dibromoethane	9.67	107	57528	19.623	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	331407	102.222	ug/l	95
56) Bromoform	10.85	173	36546	18.702	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	494507	99.713	ug/l	96
59) 2-Hexanone	9.49	43	379058	96.876	ug/l	96
61) Tetrachloroethene	9.34	164	51915	19.879	ug/l	97
62) Toluene	8.78	91	240283	19.593	ug/l	99
64) Chlorobenzene	10.13	112	144287	19.769	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.22	131	49432	19.315	ug/l	98
66) Ethyl Benzene	10.25	91	255539	19.509	ug/l	96
67) m/p-Xylenes	10.36	106	186995	38.644	ug/l	89
68) o-Xylene	10.69	106	91309	19.637	ug/l	91
69) Styrene	10.71	104	147333	19.452	ug/l	96
70) Isopropylbenzene	11.02	105	247670	19.754	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	88587	20.171	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	77396m	20.436	ug/l	
73) Bromobenzene	11.26	156	57668	19.430	ug/l	80
74) n-propylbenzene	11.36	91	290876	19.595	ug/l	95
75) 2-Chlorotoluene	11.42	91	172400	19.770	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	205639	19.834	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	24942	18.328	ug/l	96
78) 4-Chlorotoluene	11.51	91	196526	19.564	ug/l	91
79) tert-butylbenzene	12.06	119	210056	19.895	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	207810	19.857	ug/l	94
81) sec-Butylbenzene	11.94	105	246391	19.899	ug/l	96
82) p-Isopropyltoluene	12.06	119	210056	19.895	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	104182	19.587	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	105017	19.894	ug/l	97
85) n-Butylbenzene	12.38	91	192168	19.303	ug/l	97
86) Hexachloroethane	12.60	117	34698	19.172	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	104540	19.725	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18362	18.880	ug/l #	73
89) 1,2,4-Trichlorobenzene	13.65	180	67052	19.422	ug/l	99
90) Hexachlorobutadiene	13.78	225	35800	19.982	ug/l	98
91) Naphthalene	13.83	128	215623	19.283	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	67950	19.706	ug/l	99

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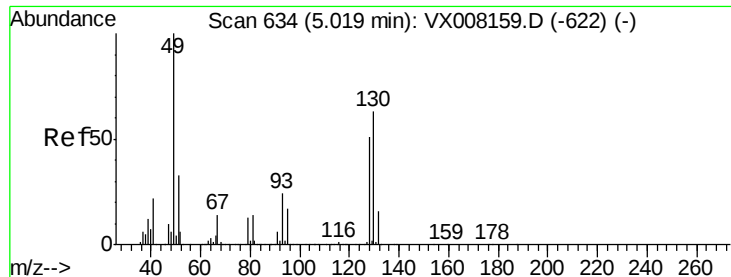
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QLast Update : Mon Mar 18 14:34:46 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

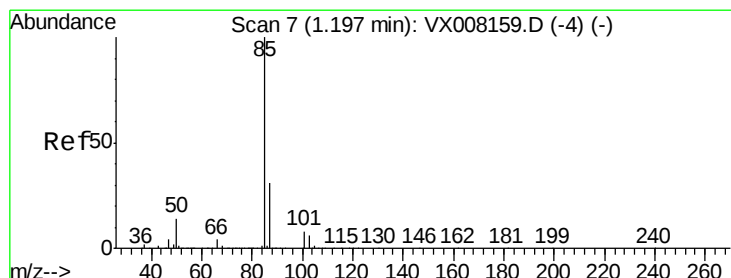
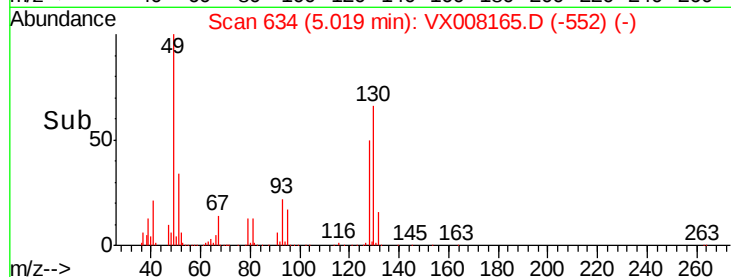
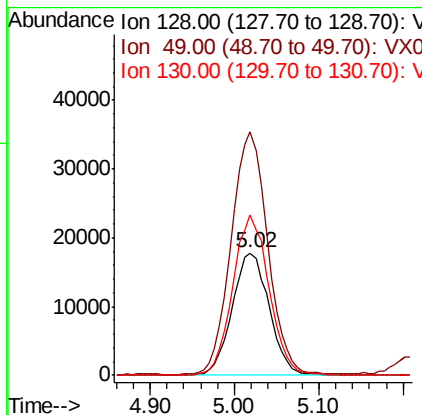
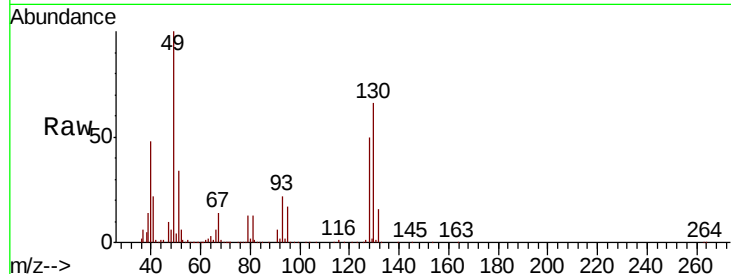
ClientSampleId :

ICVVX031819

Tot Ion:	128	Resp:	53008
Ion	Ratio	Lower	Upper
128	100		
49	193.9	0.0	350.8
130	128.5	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 19.544 ug/l

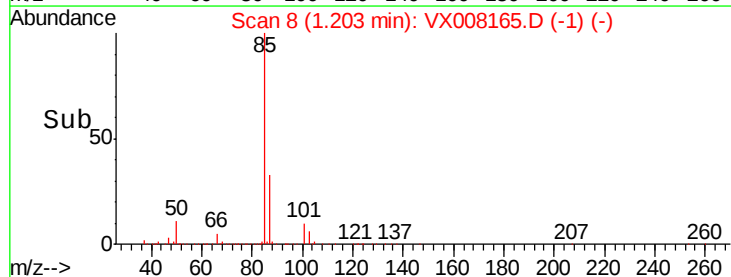
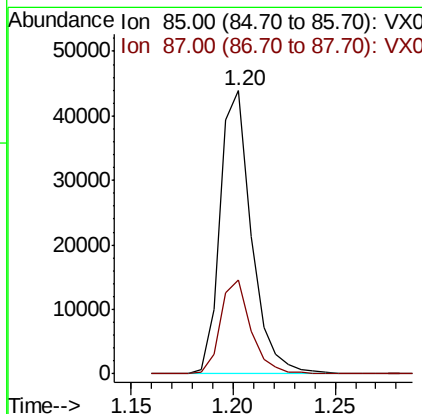
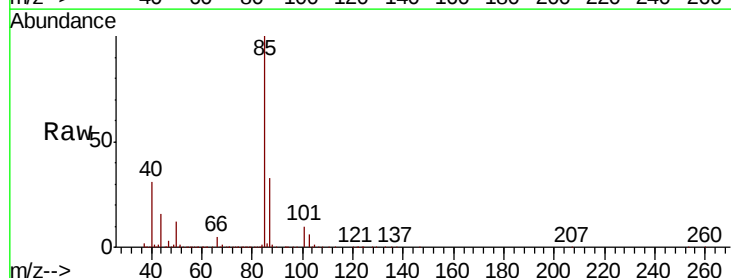
RT: 1.20 min Scan# 8

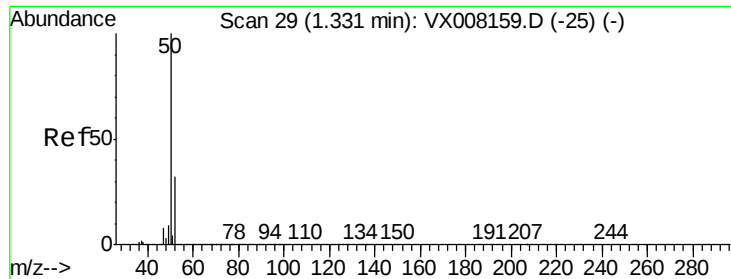
Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	85	Resp:	46421
Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.6	49.8





#3

Chloromethane

Concen: 18.836 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

Tot Ion: 50 Resp: 56393

Ion Ratio Lower Upper

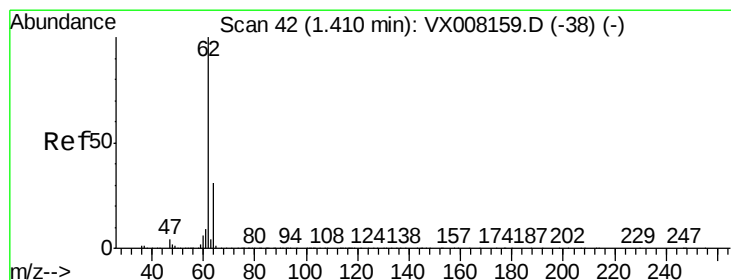
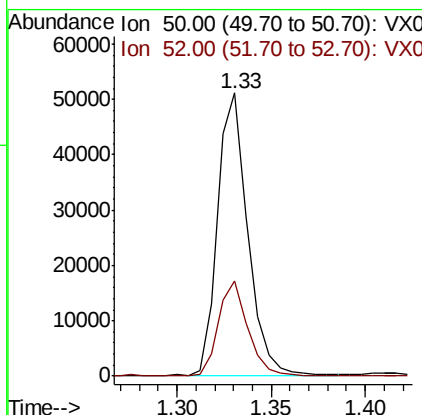
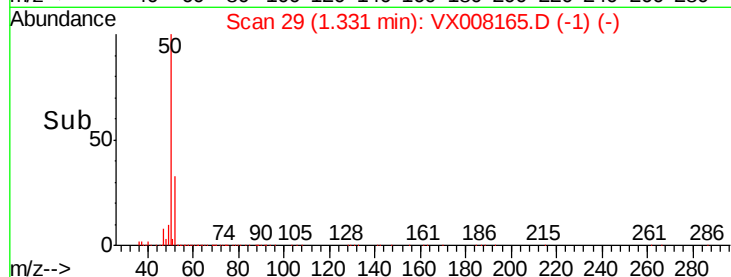
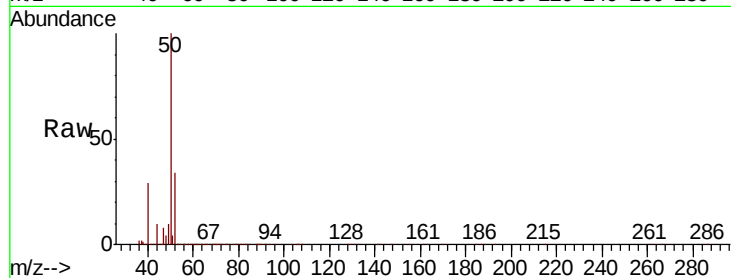
50 100

52 33.2 27.5 41.3

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#4

Vinyl Chloride

Concen: 18.600 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008165.D

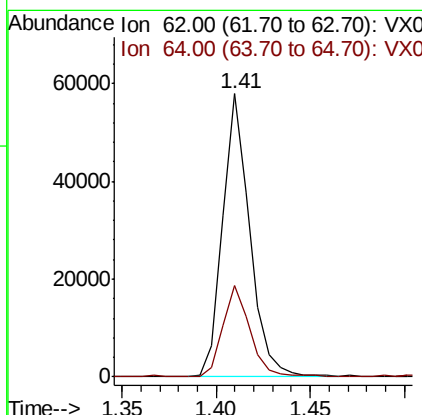
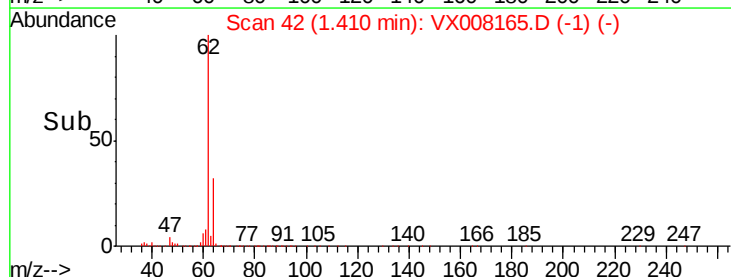
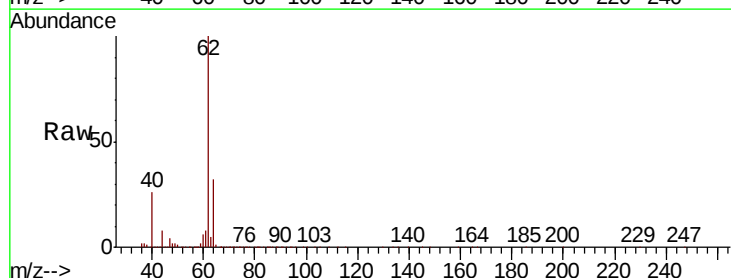
Acq: 18 Mar 2019 14:28

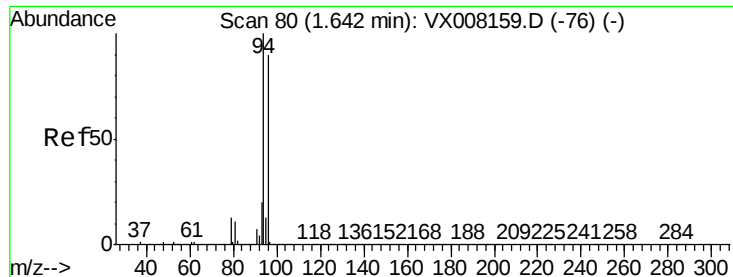
Tgt Ion: 62 Resp: 57426

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 15.654 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 94 Resp: 38491

Ion Ratio Lower Upper

94 100

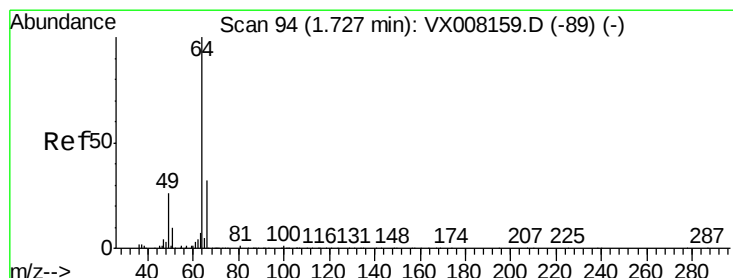
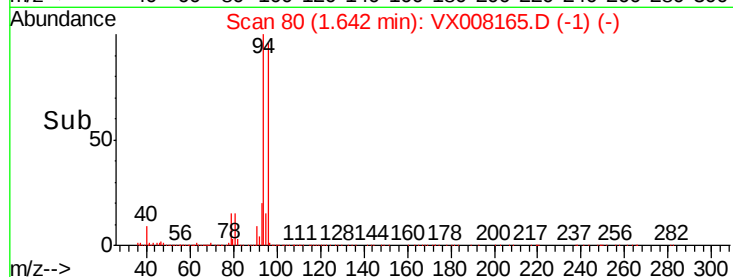
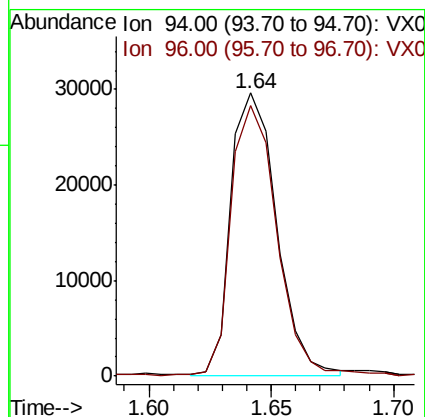
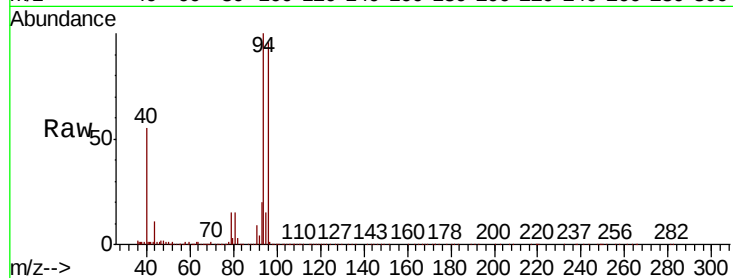
96 96.1 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 18.477 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX008165.D

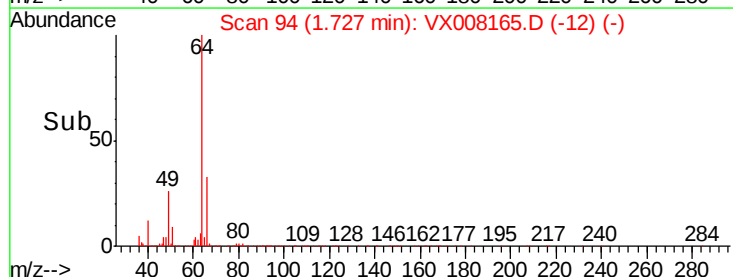
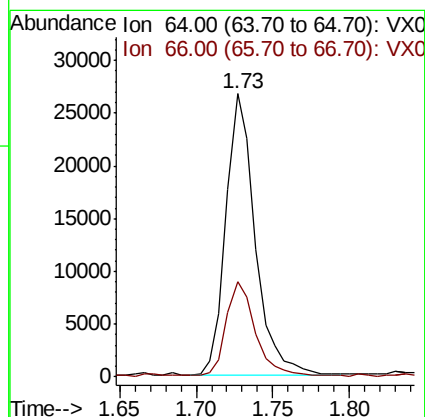
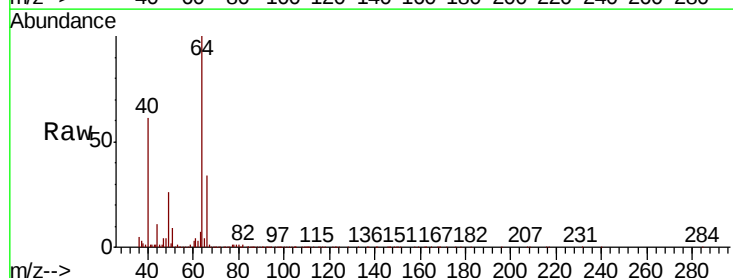
Acq: 18 Mar 2019 14:28

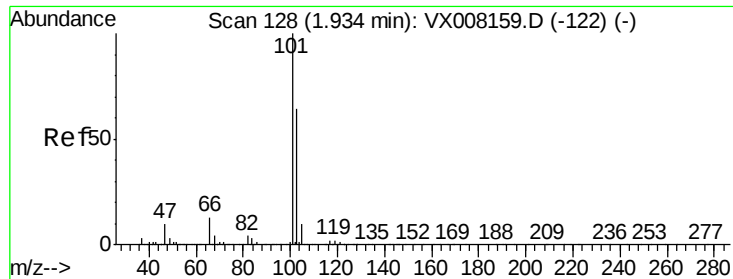
Tgt Ion: 64 Resp: 35661

Ion Ratio Lower Upper

64 100

66 33.5 23.9 35.9





#7

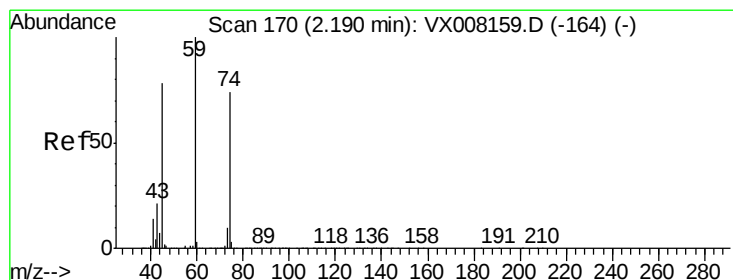
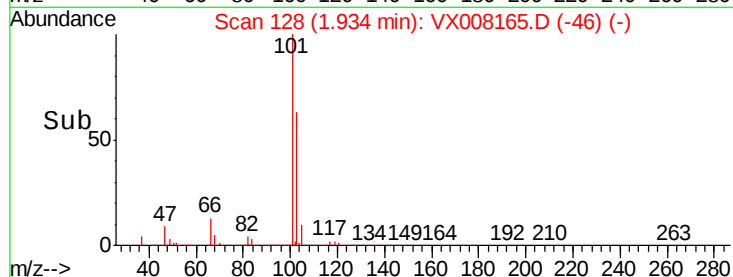
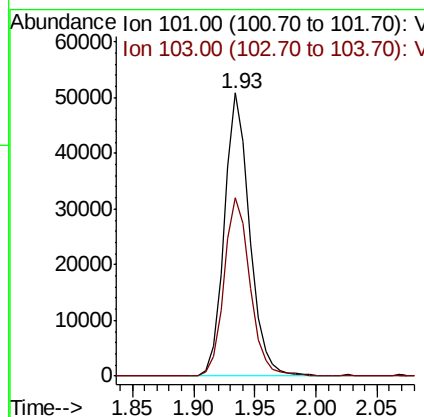
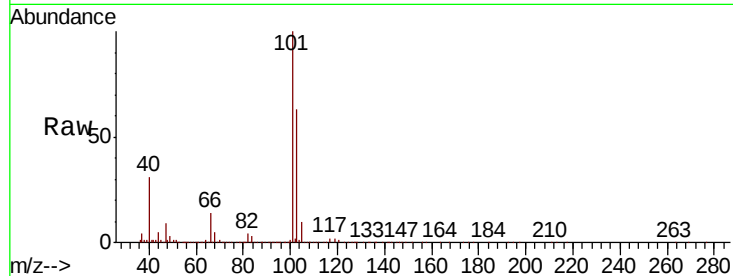
Trichlorofluoromethane
Concen: 18.593 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.4	75.6

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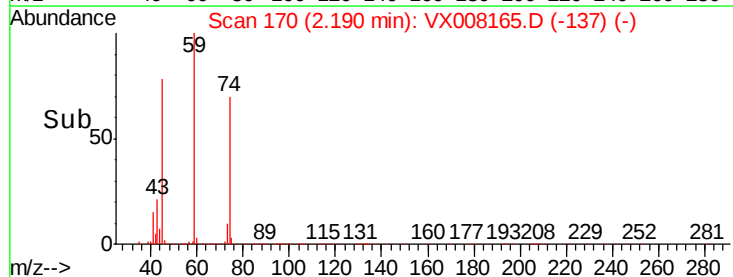
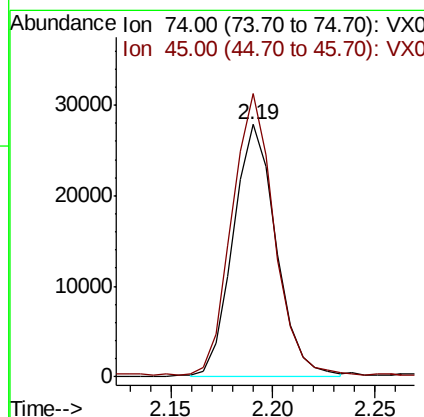
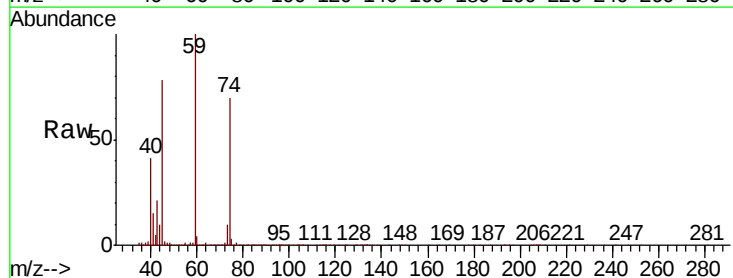
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3/19/2019 9:37:17 AM

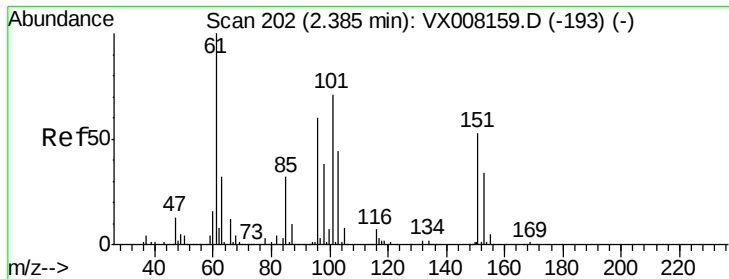


#8

Diethyl Ether
Concen: 19.247 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.7	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.965 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

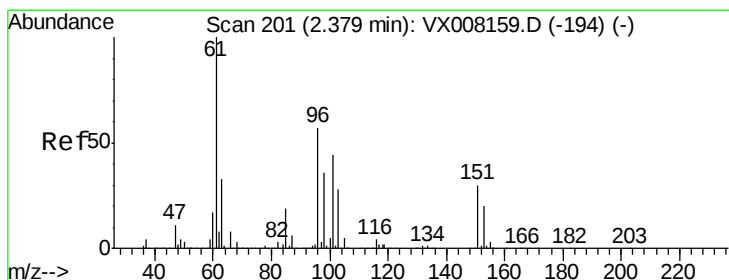
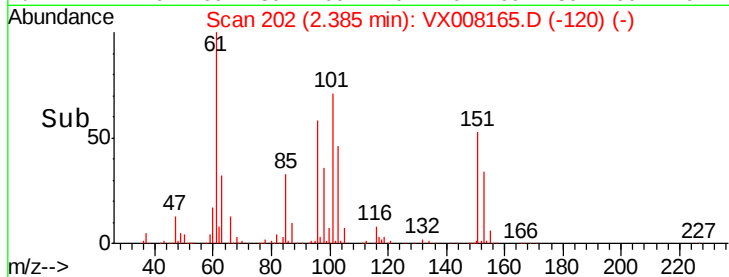
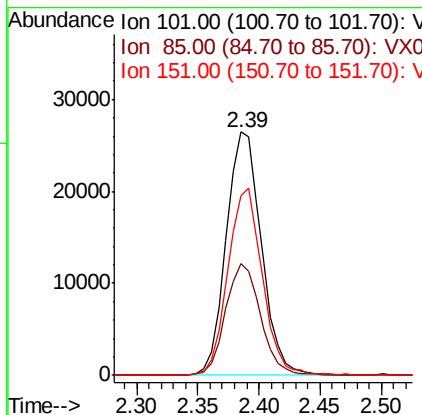
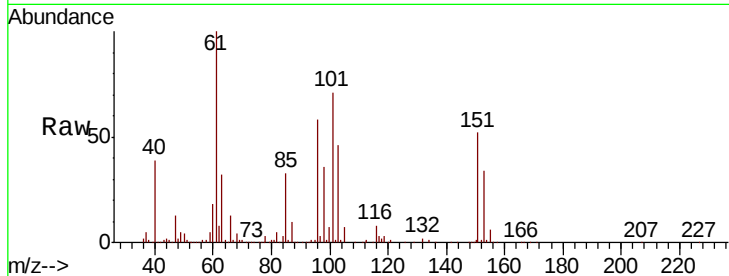
ClientSampleId :

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Tot Ion:	101	Resp:	52643
Ion Ratio	Lower	Upper	
101	100		
85	45.7	0.0	86.8
151	75.0	0.0	169.2

Manual Integrations
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3/19/2019 9:37:17 AM



#10

1,1-Dichloroethene

Concen: 19.576 ug/l

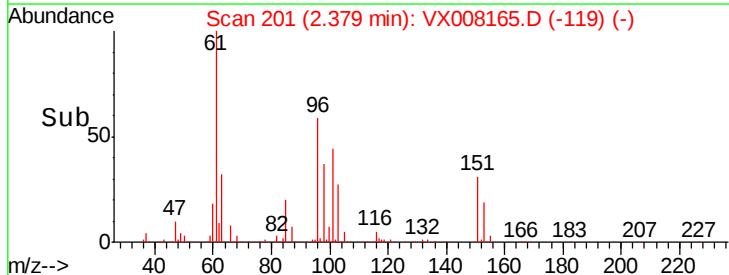
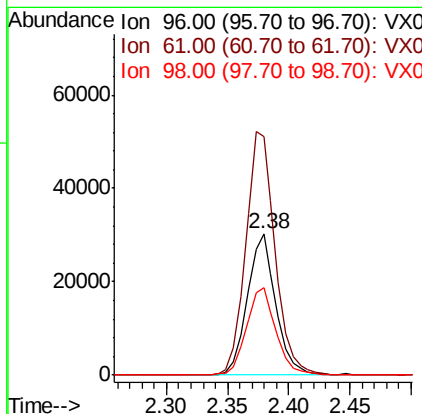
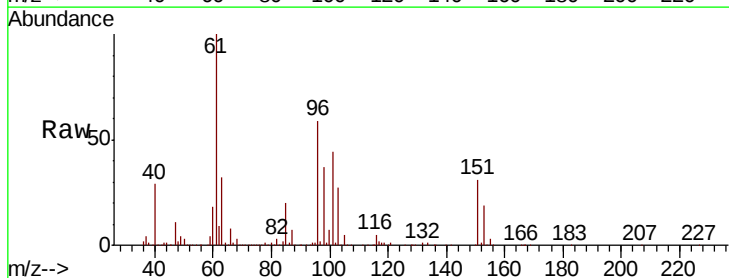
RT: 2.38 min Scan# 201

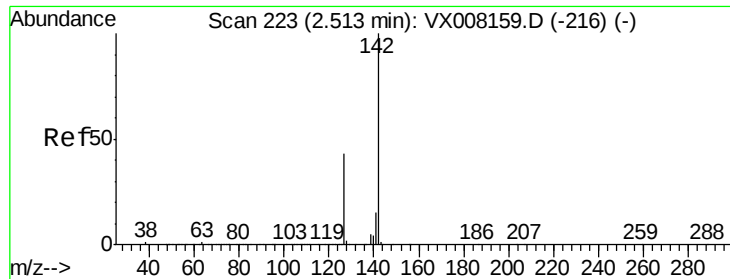
Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	96	Resp:	48759
Ion Ratio	Lower	Upper	
96	100		
61	168.1	120.2	180.2
98	61.8	49.0	73.4





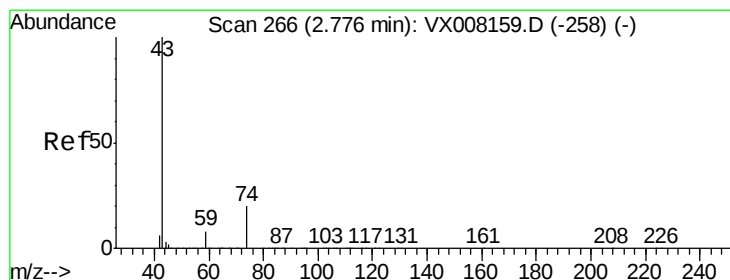
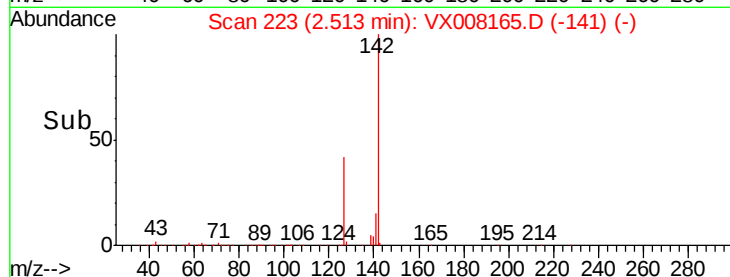
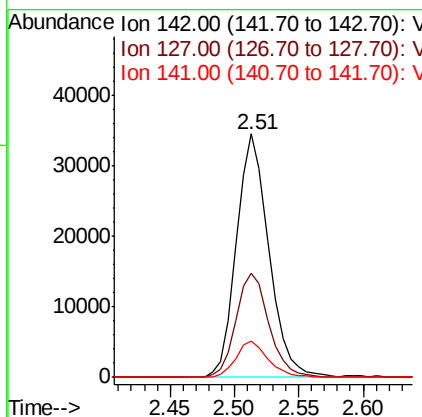
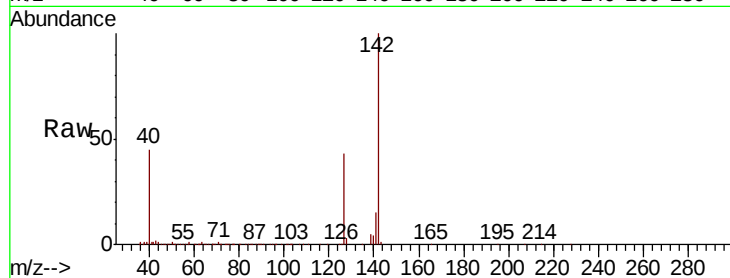
#11
Methvl Iodide
Concen: 19.025 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.4	22.1	66.5
141	14.9	7.4	22.3

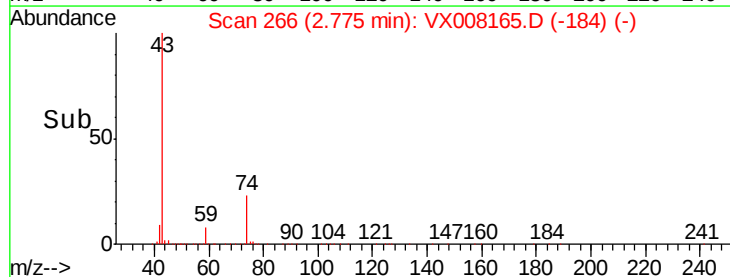
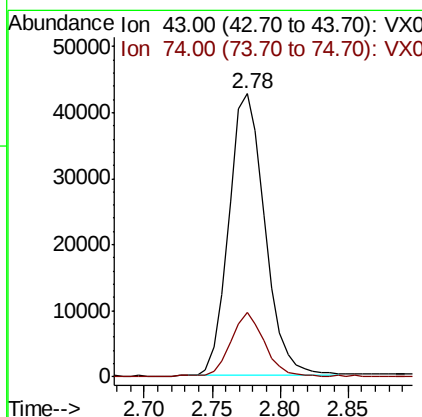
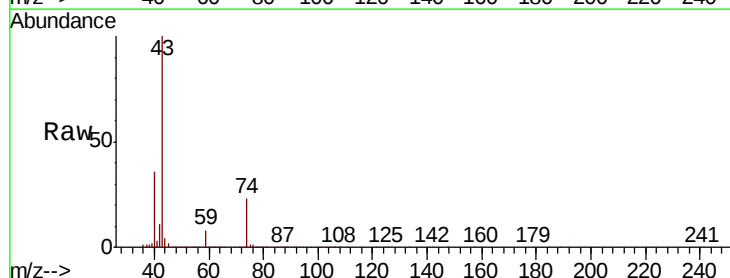
Manual Integrations
APPROVED

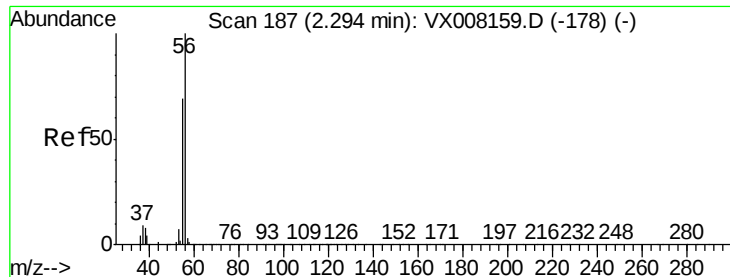
MMDadoda
3/19/2019 9:37:17 AM



#12
Methyl Acetate
Concen: 19.340 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	19.4	29.0





#13

Acrolein

Concen: 93.071 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

Tot Ion: 56 Resp: 58349

Ion Ratio Lower Upper

56 100

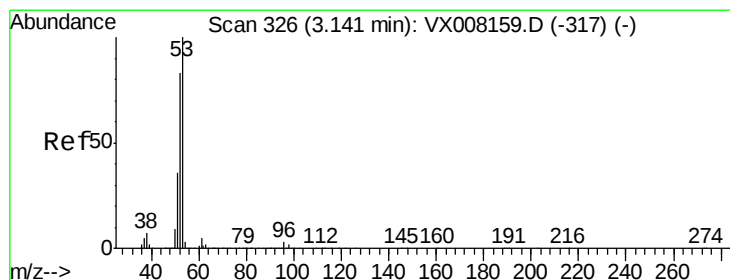
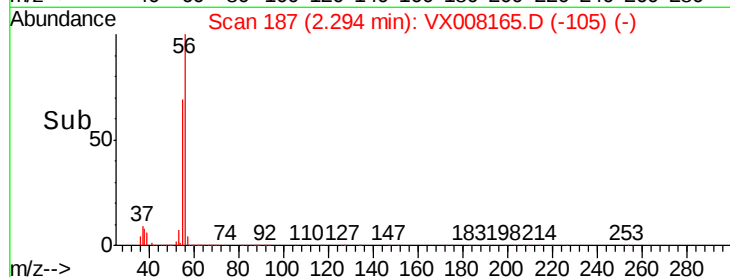
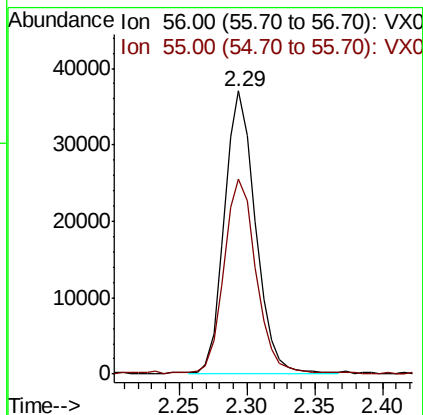
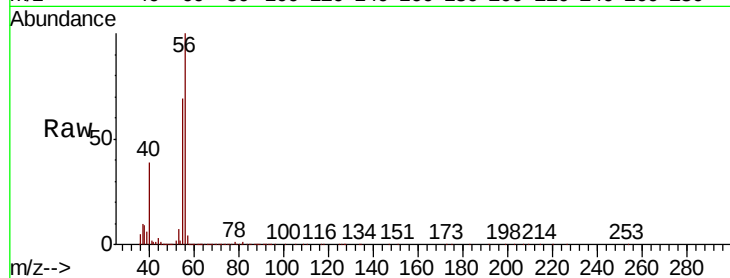
55 71.0 58.6 87.8

Manual Integrations

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3/19/2019 9:37:17 AM



#14

Acrylonitrile

Concen: 95.641 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

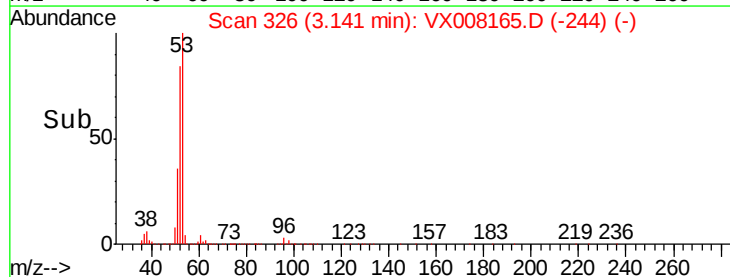
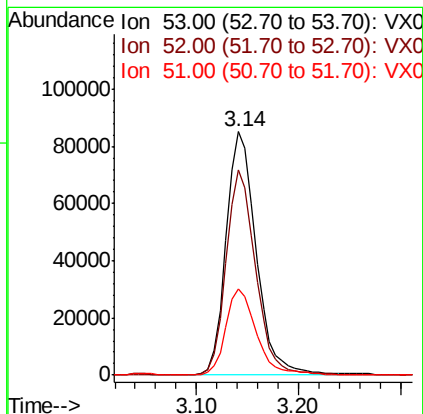
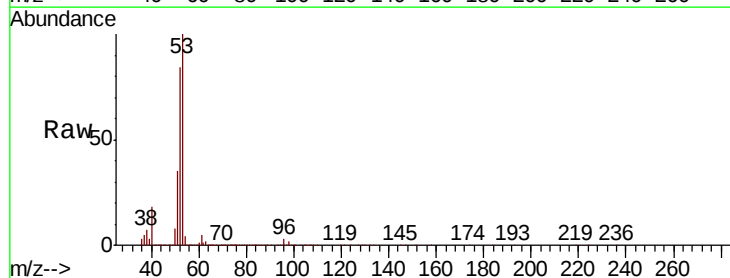
Tgt Ion: 53 Resp: 173013

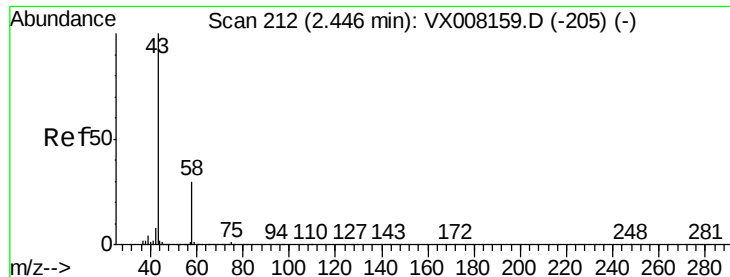
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 35.7 17.5 52.6





#15

Acetone

Concen: 89.038 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

Tot Ion: 58 Resp: 51752

Ion Ratio Lower Upper

58 100

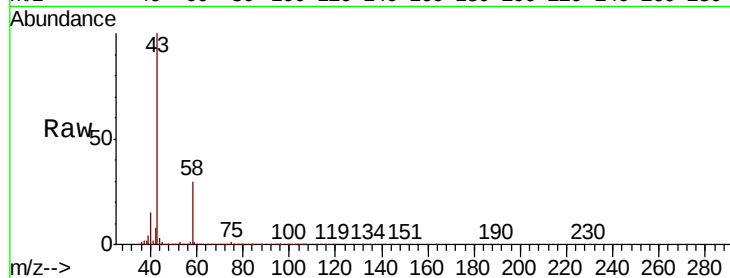
43 333.8 249.8 374.6

Manual Integrations

APPROVED

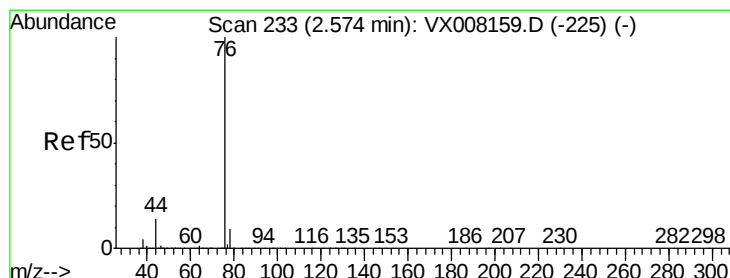
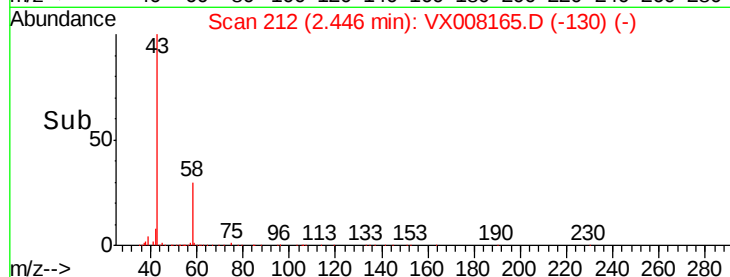
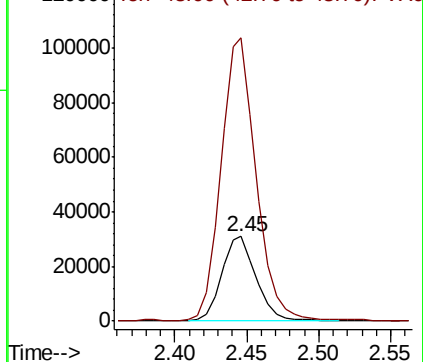
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.171 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008165.D

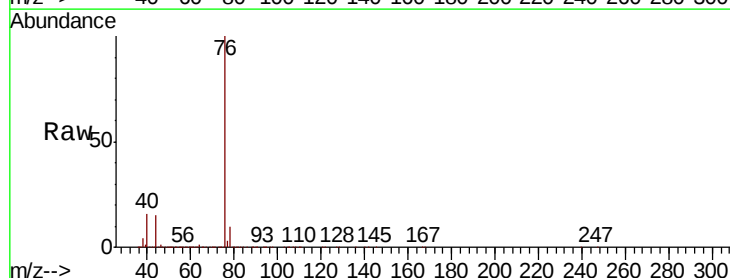
Acq: 18 Mar 2019 14:28

Tgt Ion: 76 Resp: 152229

Ion Ratio Lower Upper

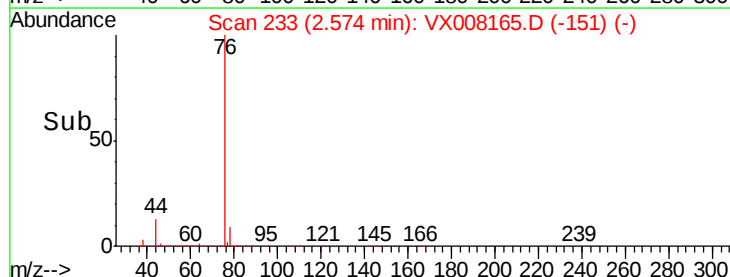
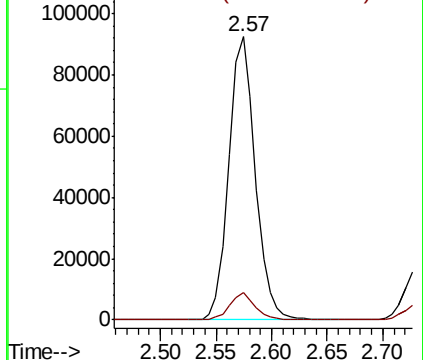
76 100

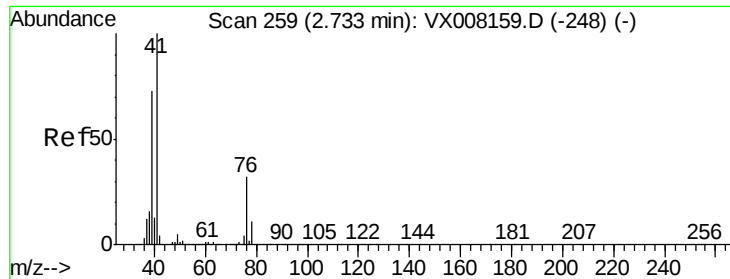
78 9.6 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





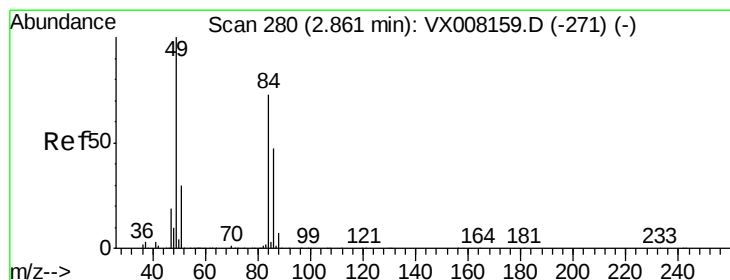
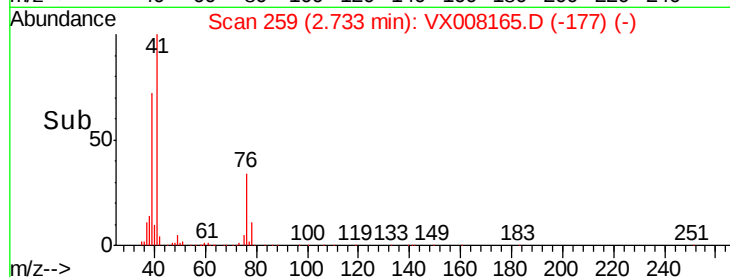
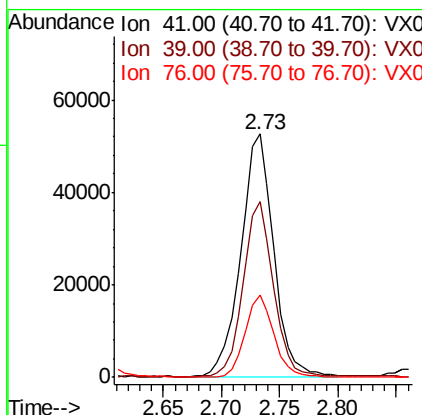
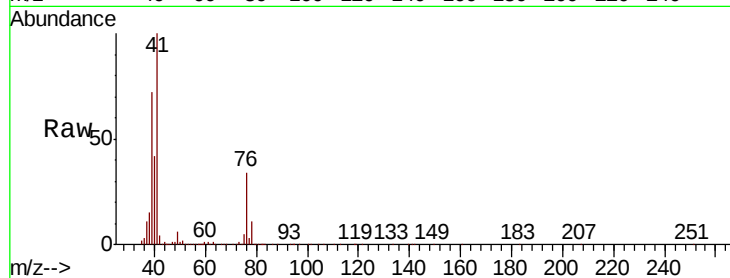
#17
Allvl chloride
Concen: 18.998 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.0	35.8	107.4
76	33.4	18.3	54.9

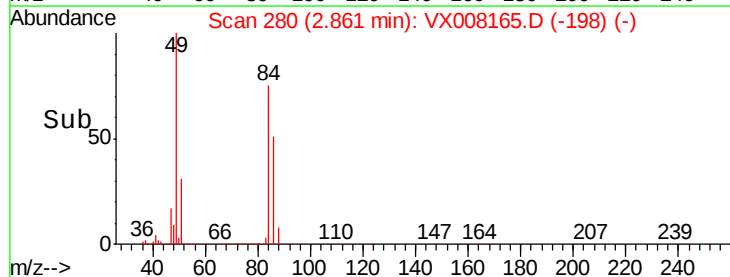
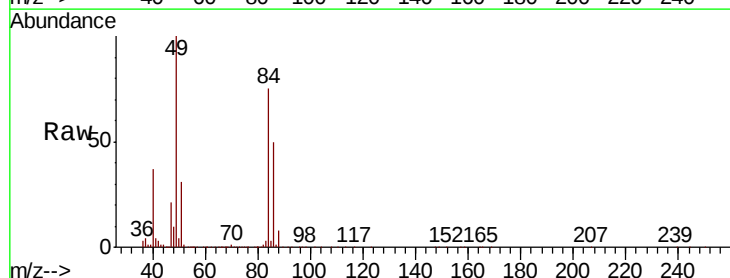
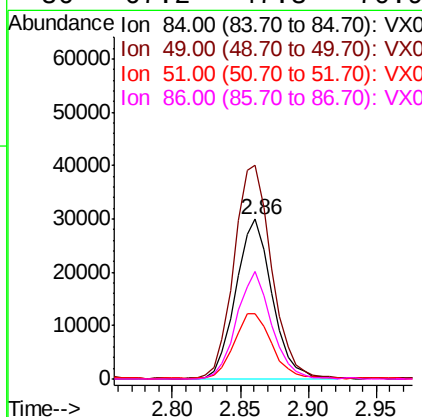
Manual Integrations
APPROVED

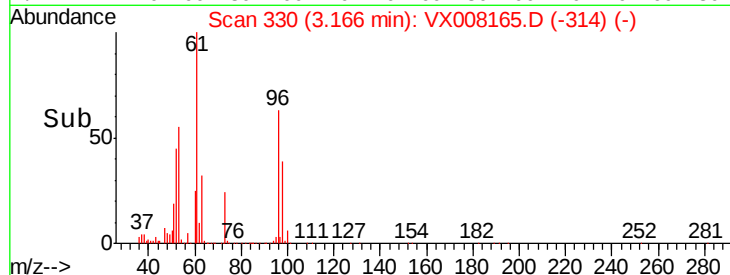
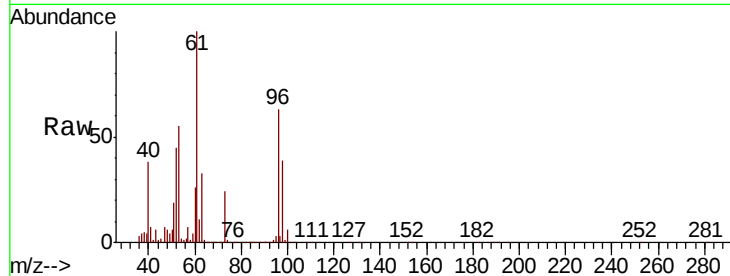
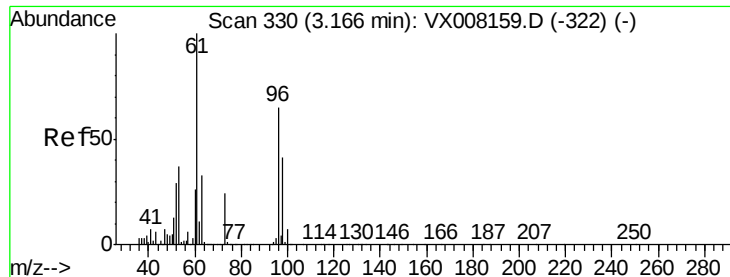
MMDadoda
3/19/2019 9:37:17 AM



#18
Methylene Chloride
Concen: 19.294 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.3	96.1	144.1
51	41.2	29.1	43.7
86	67.2	47.3	70.9





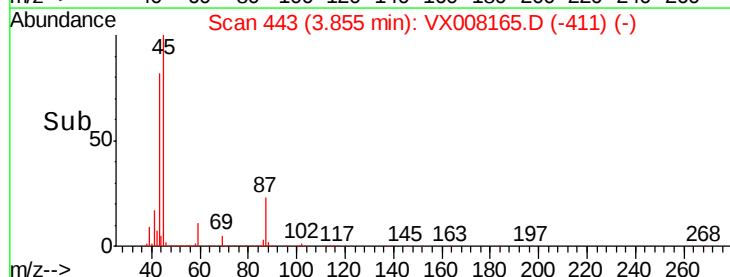
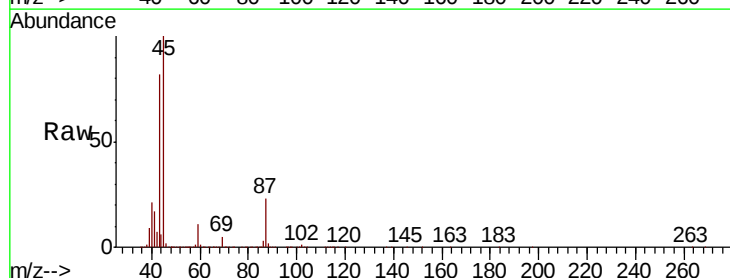
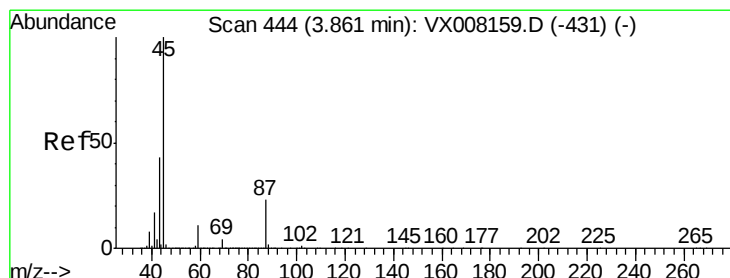
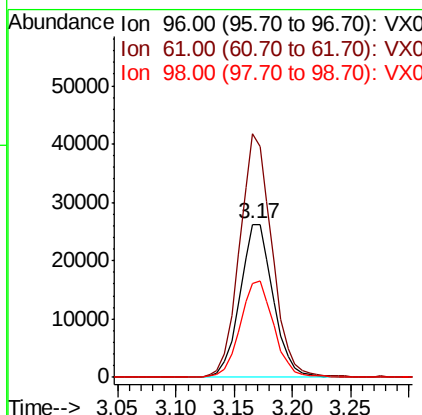
#19
trans-1,2-Dichloroethene
Concen: 19.543 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.9	109.9	164.9
98	61.4	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

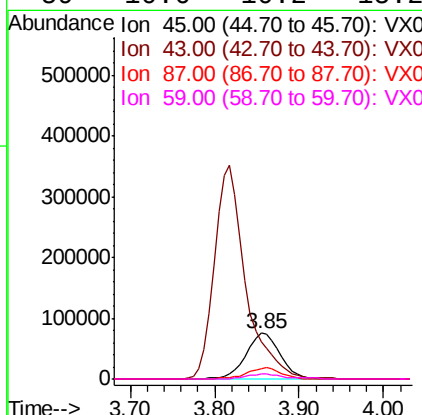
Manual Integrations
APPROVED

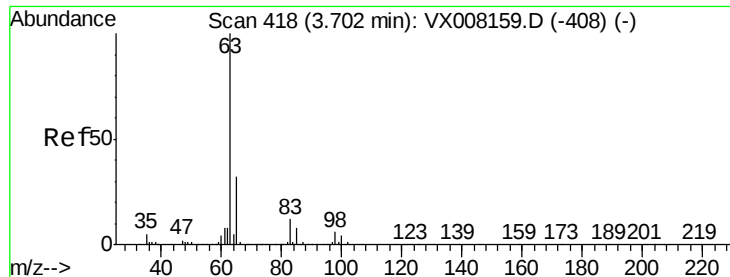
MMDadoda
3/19/2019 9:37:17 AM



#20
Diisopropyl ether
Concen: 19.349 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.01 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	81.2	50.6	76.0#
87	22.7	24.5	36.7#
59	10.6	10.2	15.2





#21

1,1-Dichloroethane

Concen: 19.462 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

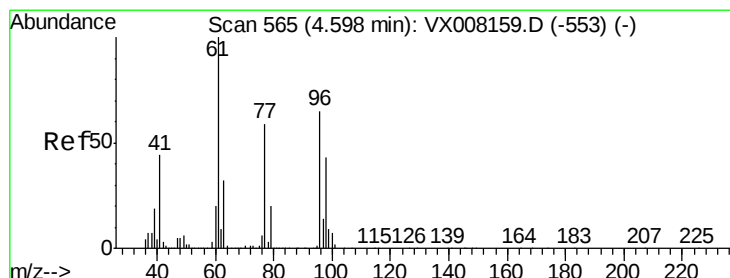
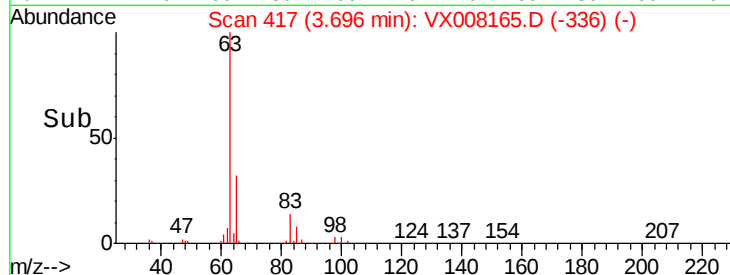
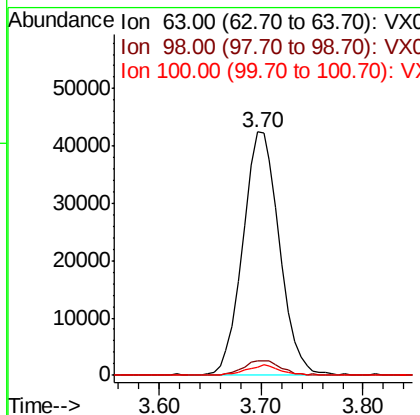
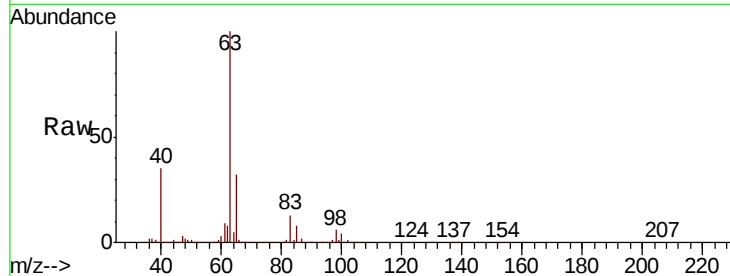
ClientSampleId :

ICVVX031819

Tot Ion:	63	Resp:	105894
Ion Ratio	Lower	Upper	
63	100		
98	5.8	3.8	11.4
100	3.4	2.4	7.1

Manual Integrations
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MMDadoda
3/19/2019 9:37:17 AM



#22

cis-1,2-Dichloroethene

Concen: 19.225 ug/l

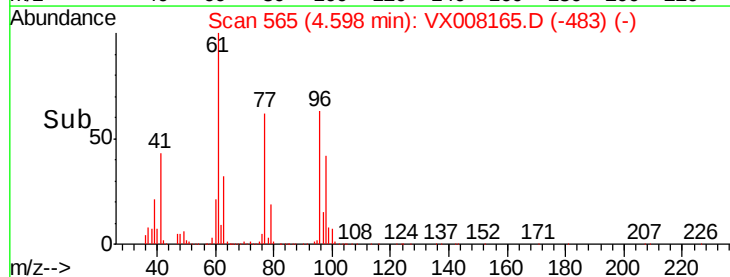
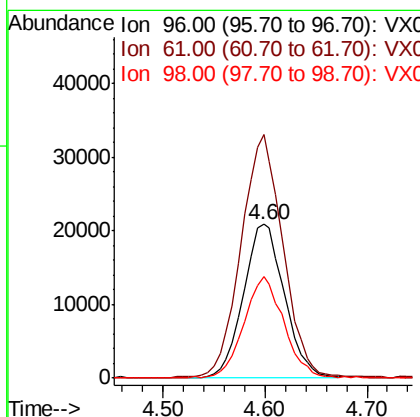
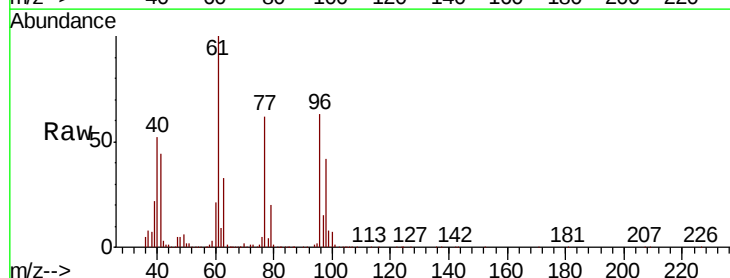
RT: 4.60 min Scan# 565

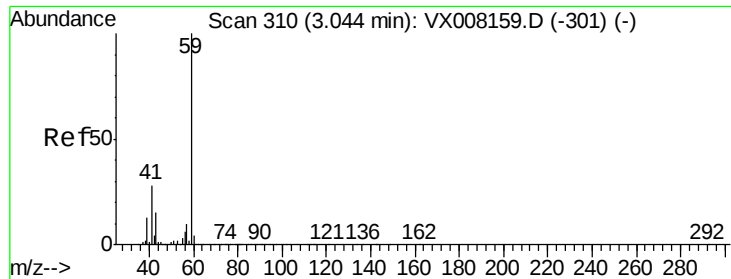
Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	96	Resp:	58647
Ion Ratio	Lower	Upper	
96	100		
61	161.1	103.5	155.3#
98	64.1	52.1	78.1





#23

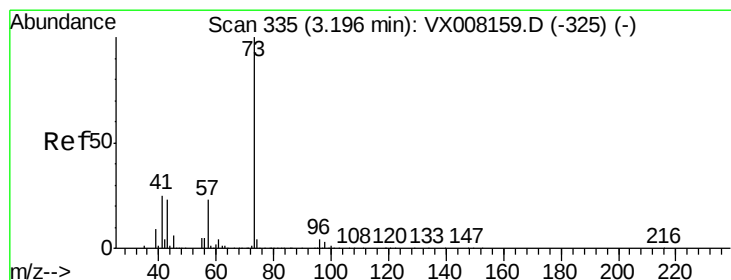
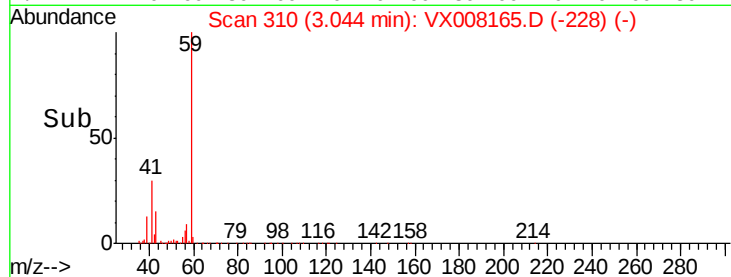
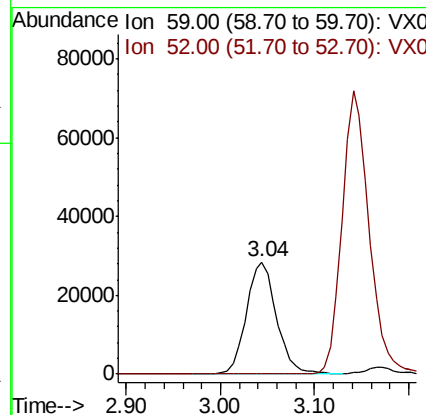
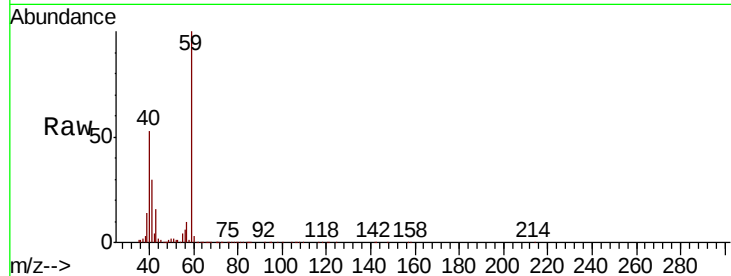
tert-Butyl Alcohol
 Concen: 95.091 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	59	52
Resp	63375	
Ratio	100	0.1
Lower		0.2
Upper		0.2

Manual Integrations
 APPROVED

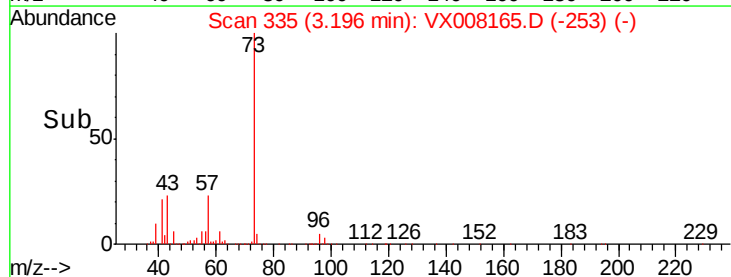
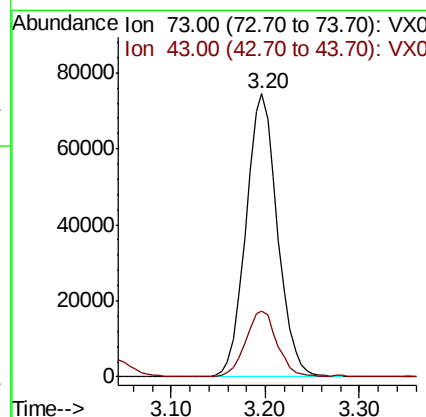
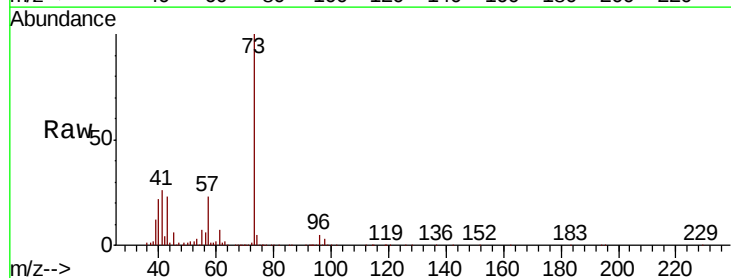
MMDadoda
 3/19/2019 9:37:17 AM

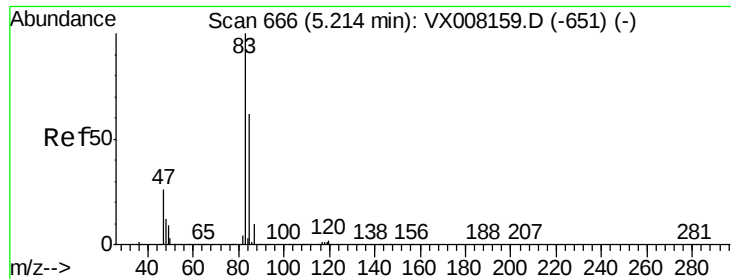


#24

Methyl tert-Butyl Ether
 Concen: 19.215 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	73	43
Resp	173626	
Ratio	100	23.1
Lower		17.1
Upper		25.7





#25

Chloroform

Concen: 19.480 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

Tot Ion: 83 Resp: 99990

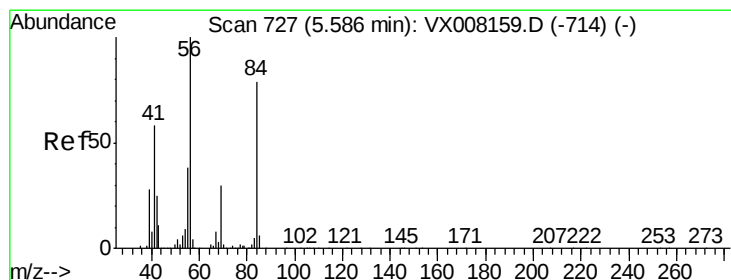
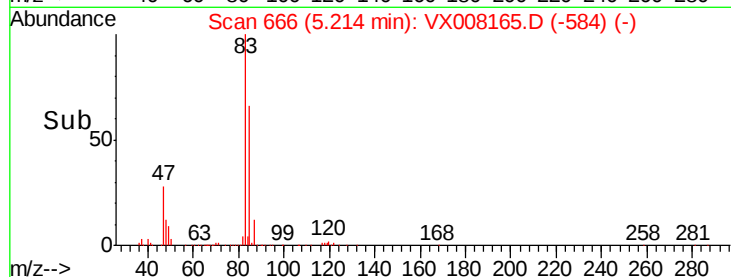
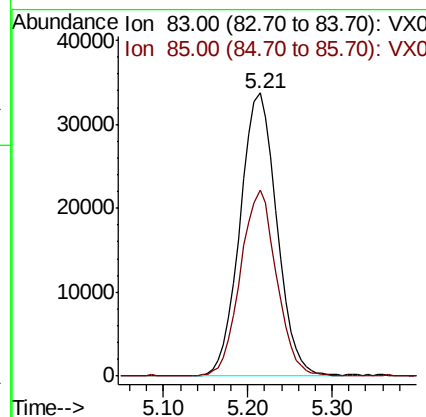
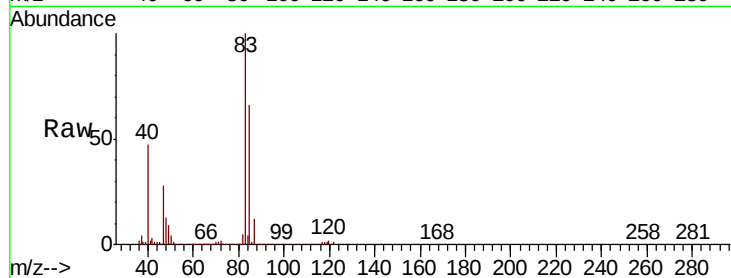
Ion Ratio Lower Upper

83 100

85 65.8 53.8 80.6

Manual Integrations
APPROVED

MMDadoda
3/19/2019 9:37:17 AM



#26

Cyclohexane

Concen: 19.603 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

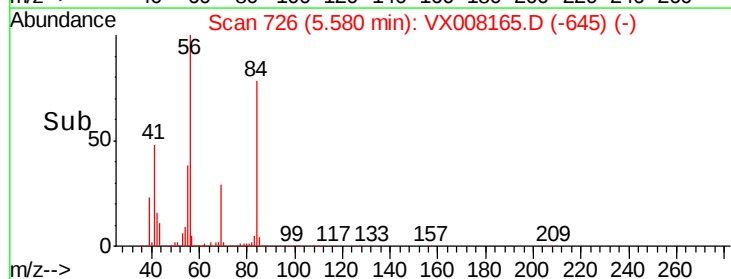
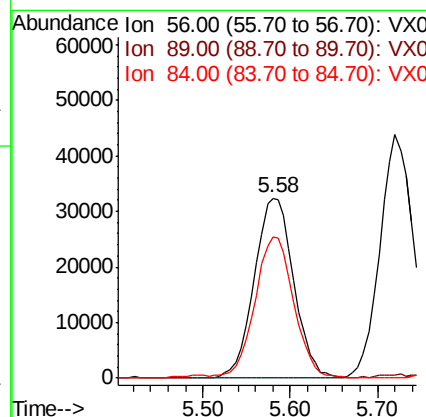
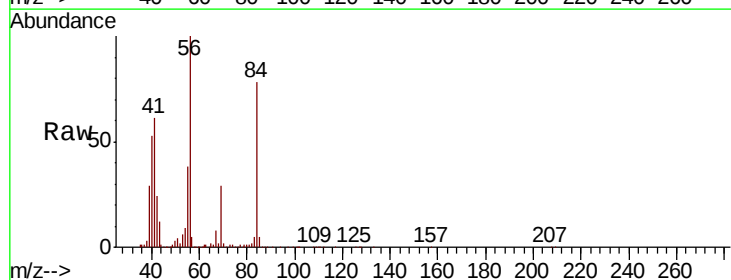
Tgt Ion: 56 Resp: 101689

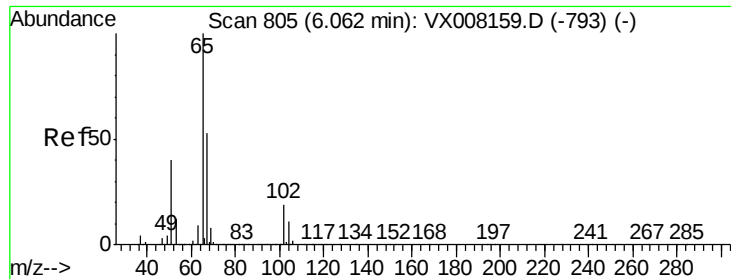
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 77.5 73.9 110.9





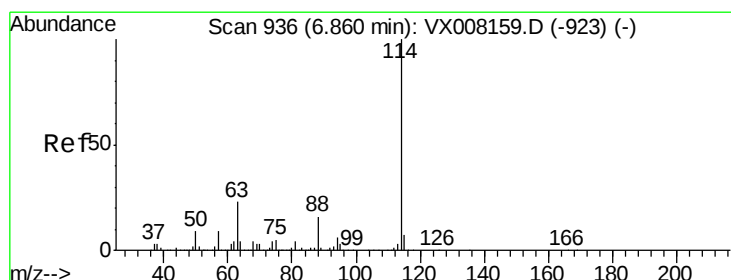
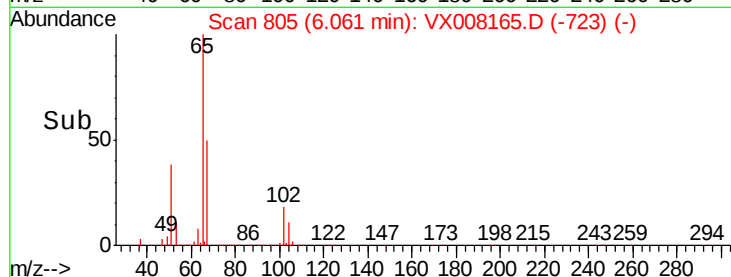
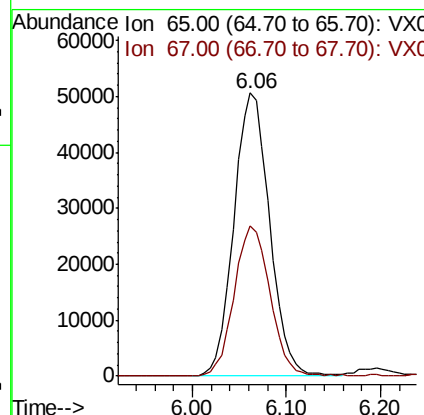
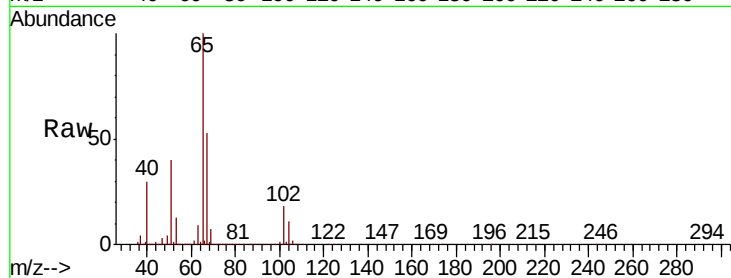
#27
 1,2-Dichloroethane-d4
 Concen: 30.274 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	42.9	64.3

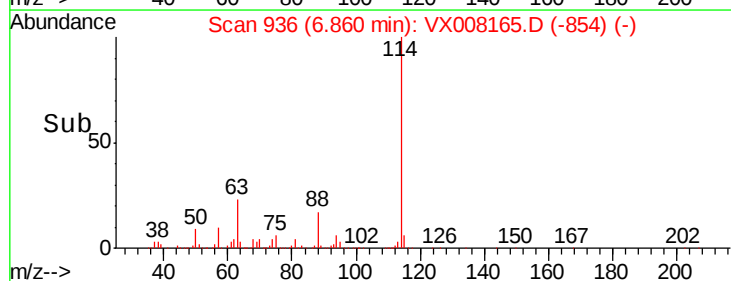
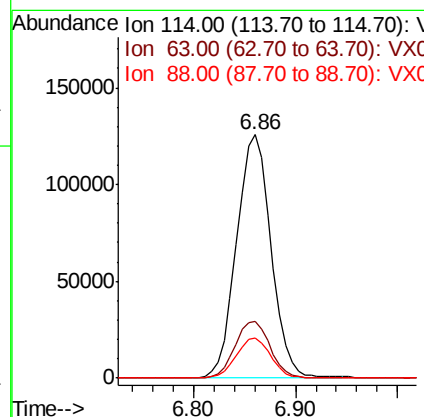
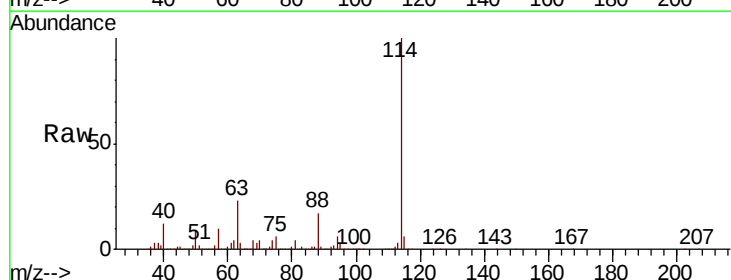
Manual Integrations
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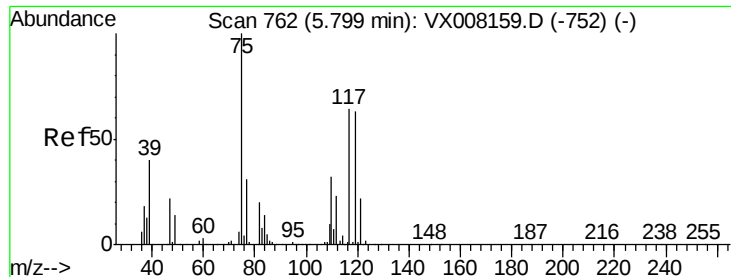
MMDadoda
 3/19/2019 9:37:17 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.5	14.2	21.4#
88	16.6	11.9	17.9





#29

1,1-Dichloropropene

Concen: 19.377 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

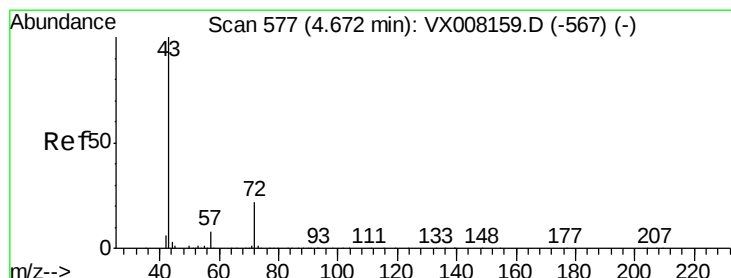
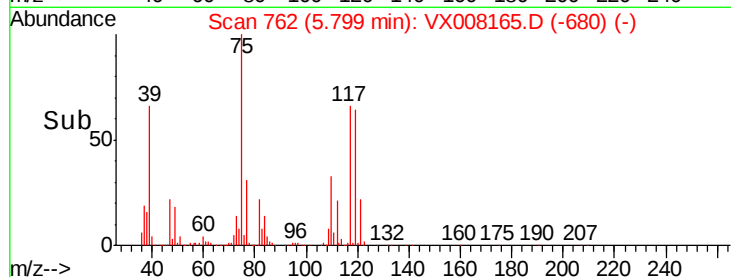
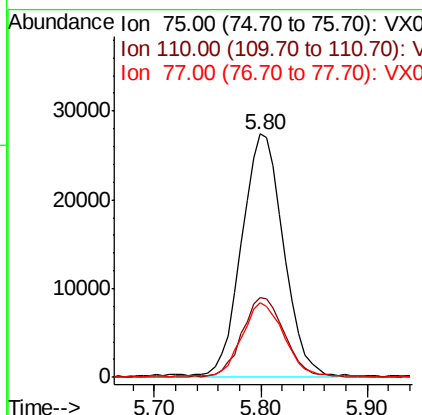
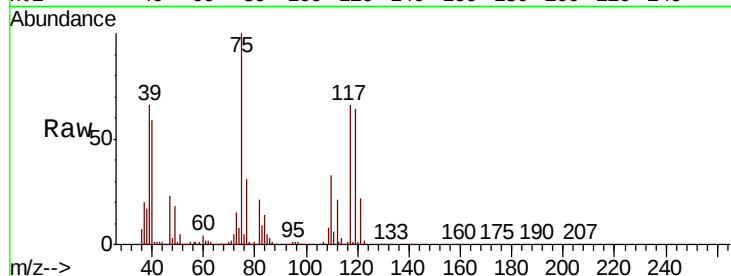
ClientSampleId :

ICVVX031819

Tot Ion:	75	Resp:	76032
Ion Ratio	Lower	Upper	
75	100		
110	33.0	0.0	80.8
77	30.2	0.0	62.4

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#30

2-Butanone

Concen: 93.975 ug/l

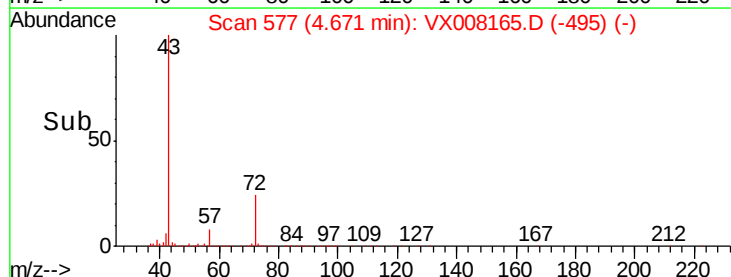
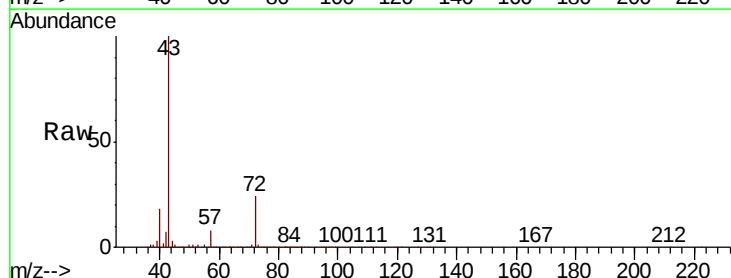
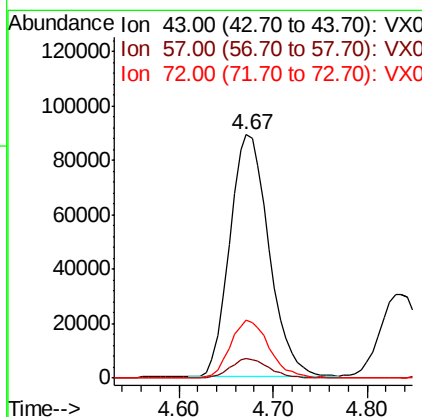
RT: 4.67 min Scan# 577

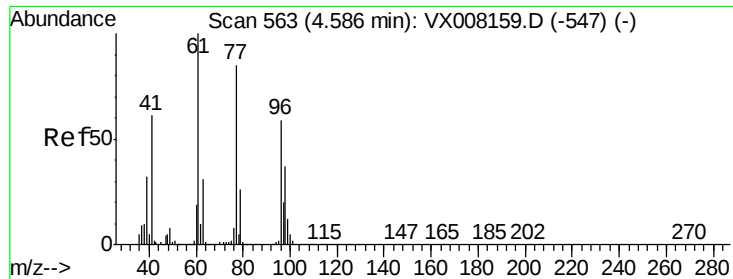
Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	43	Resp:	258491
Ion Ratio	Lower	Upper	
43	100		
57	7.5	7.0	10.6
72	23.1	21.5	32.3





#31

2,2-Dichloropropane

Concen: 19.371 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

Tot Ion: 77 Resp: 76661

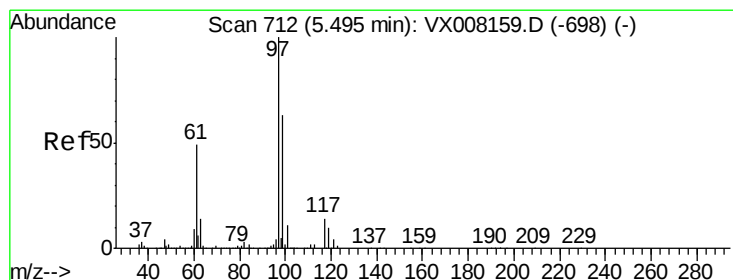
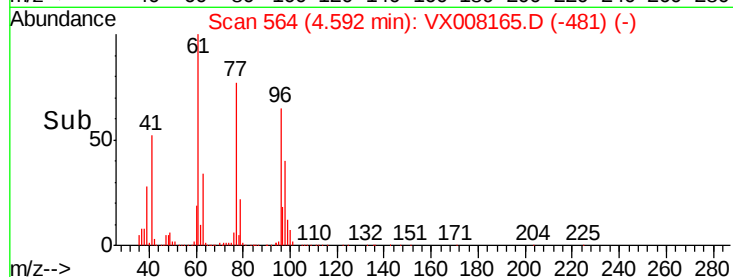
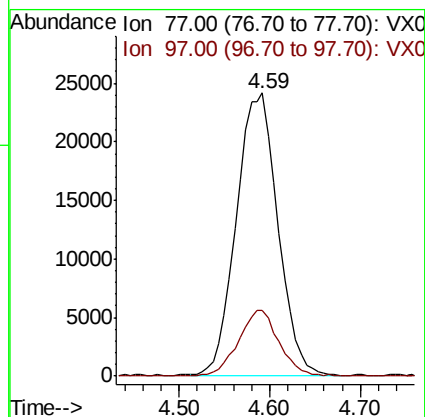
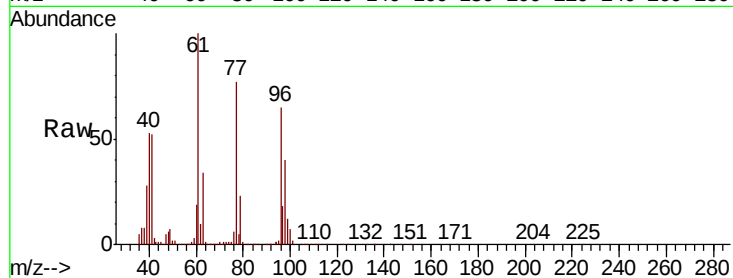
Ion Ratio Lower Upper

77 100

97 22.2 20.6 31.0

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#32

1,1,1-Trichloroethane

Concen: 19.489 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

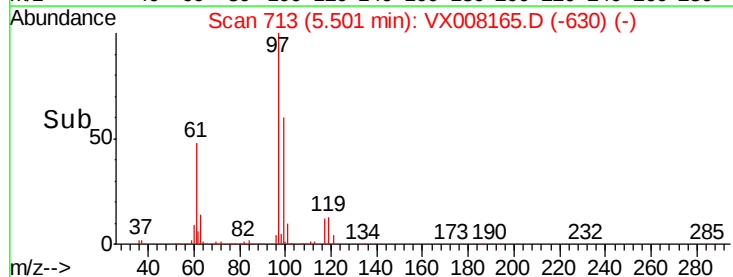
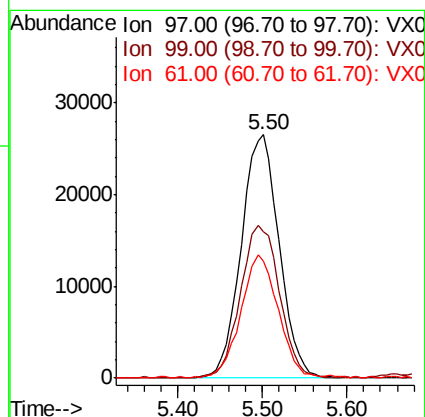
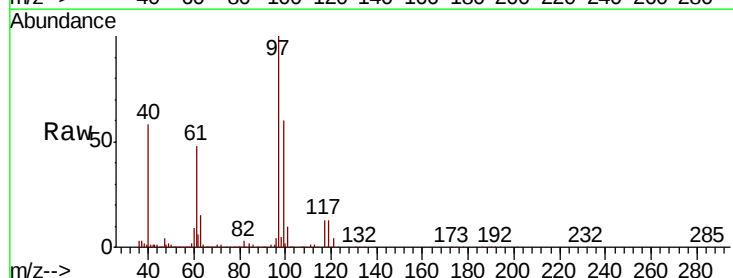
Tgt Ion: 97 Resp: 81003

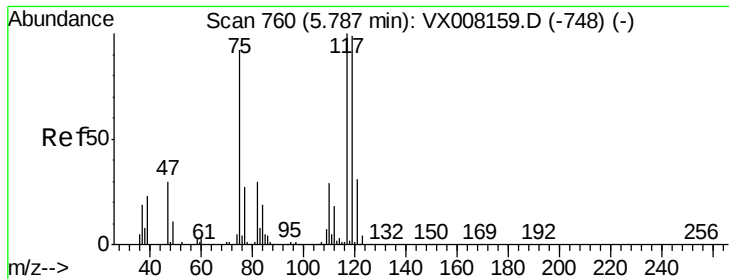
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 49.5 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 19.297 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

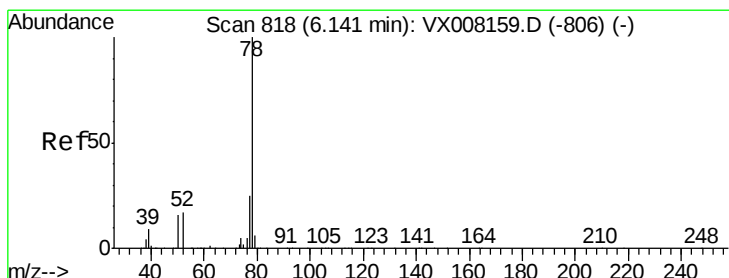
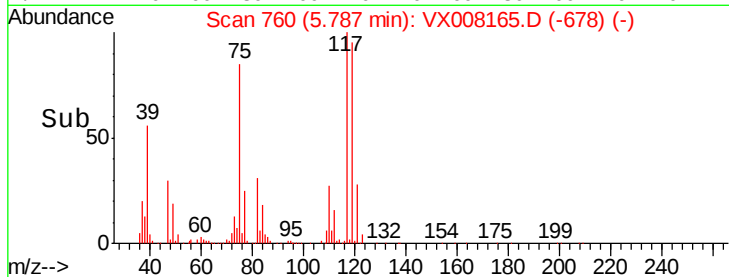
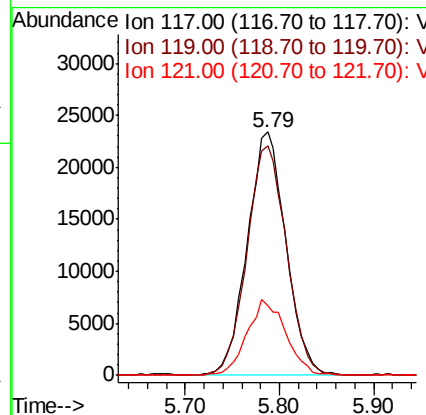
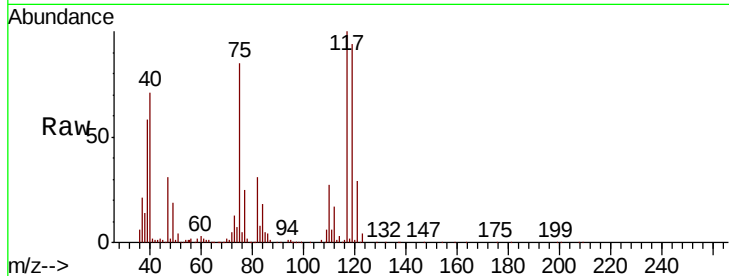
ClientSampleId :

ICVVX031819

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.1	117.1
121	28.6	27.0	40.6

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#34

Benzene

Concen: 19.554 ug/l

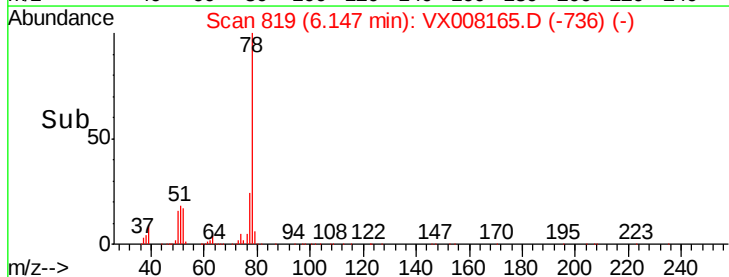
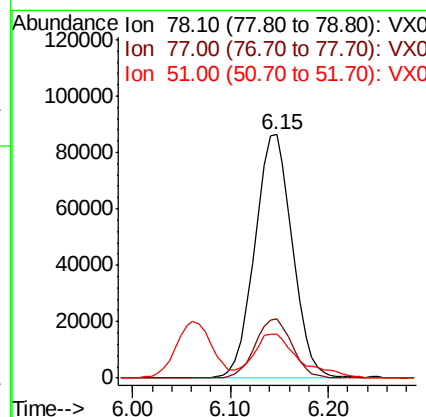
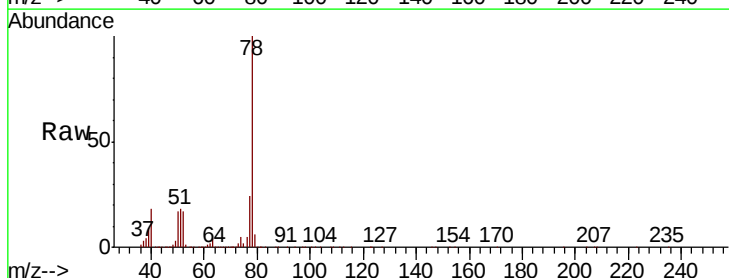
RT: 6.15 min Scan# 819

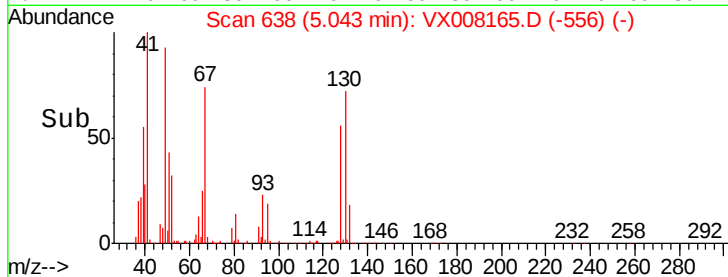
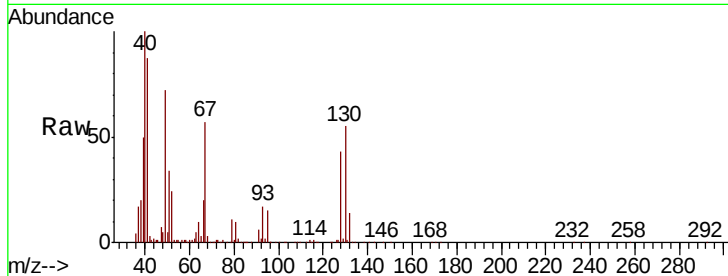
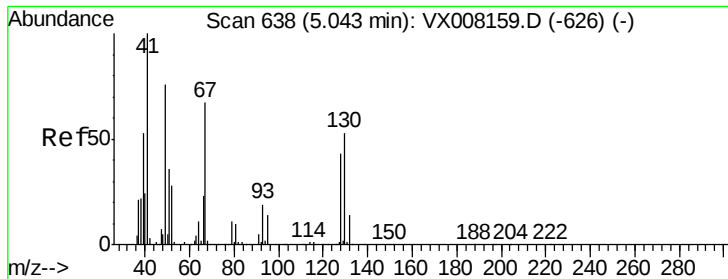
Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

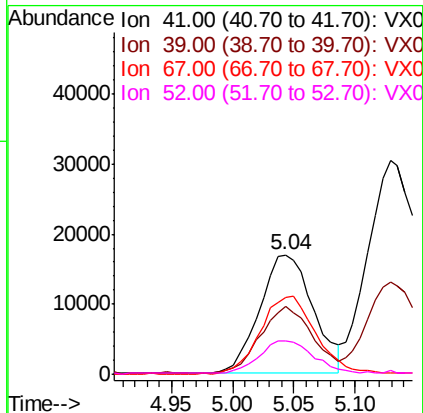
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7
51	16.4	10.8	16.2#





#35
Methacrylonitrile
Concen: 19.237 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

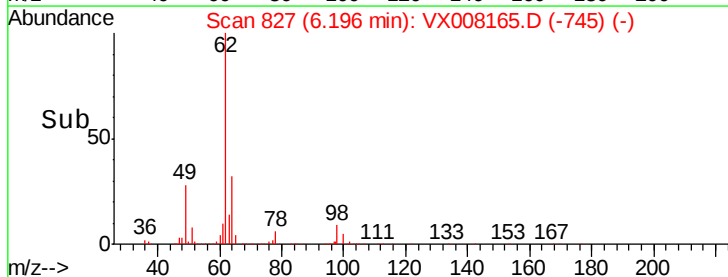
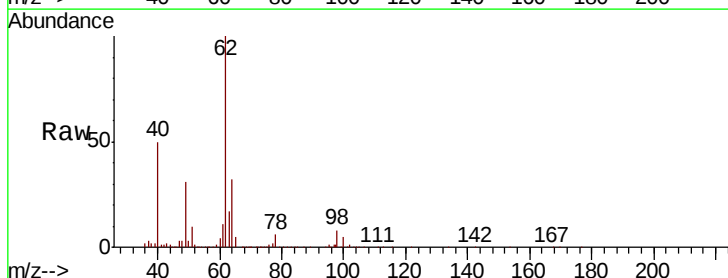
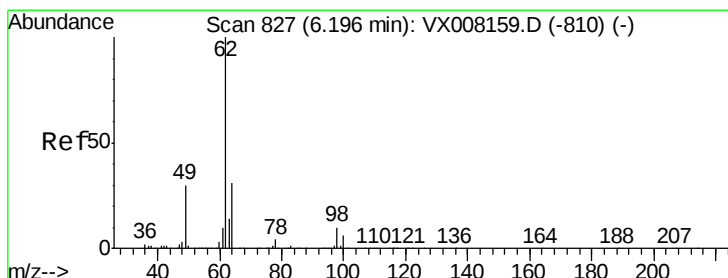
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.9	27.4	82.0
67	65.1	37.9	113.6
52	27.4	13.3	39.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

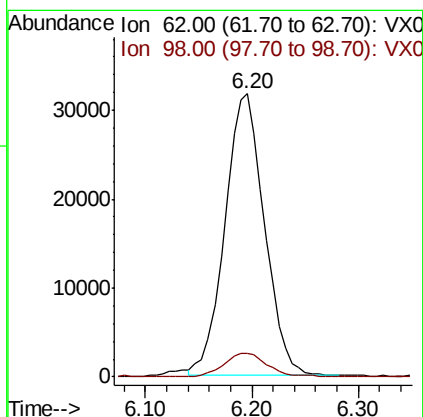
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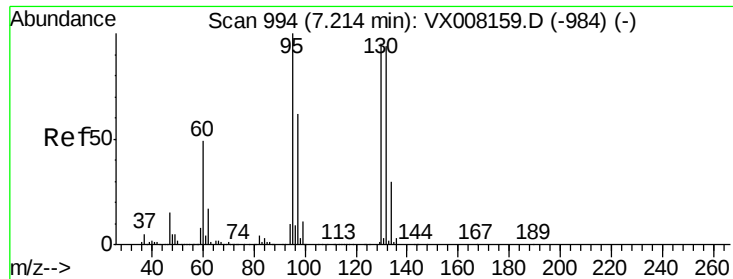
MMDadoda
3/19/2019 9:37:17 AM



#36
1,2-Dichloroethane
Concen: 19.273 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.8	11.8





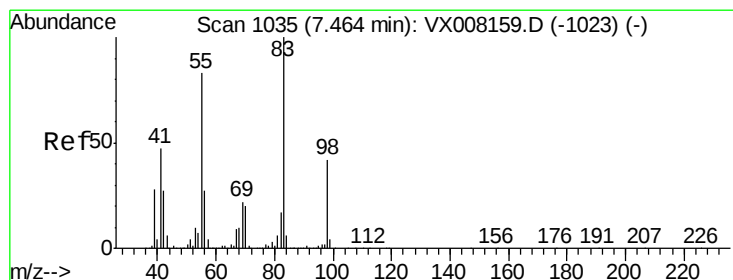
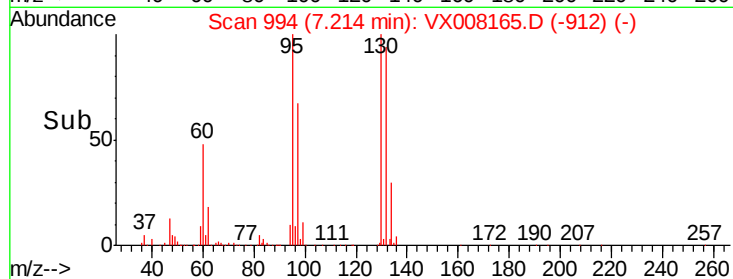
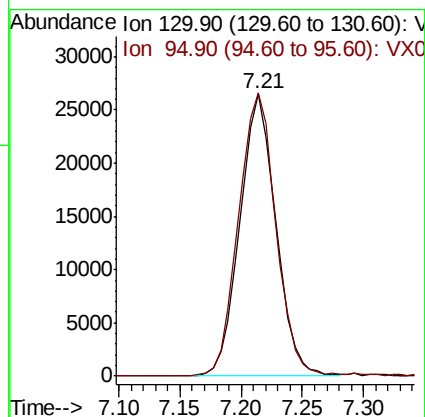
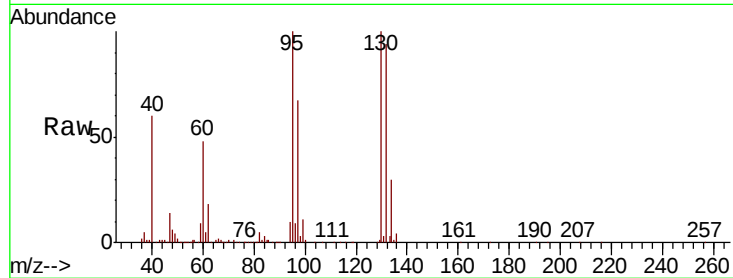
#37
 Trichloroethene
 Concen: 19.420 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion:130 Resp: 54299
 Ion Ratio Lower Upper
 130 100
 95 100.0 71.3 106.9

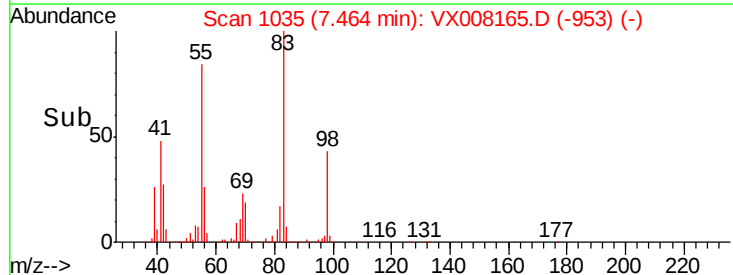
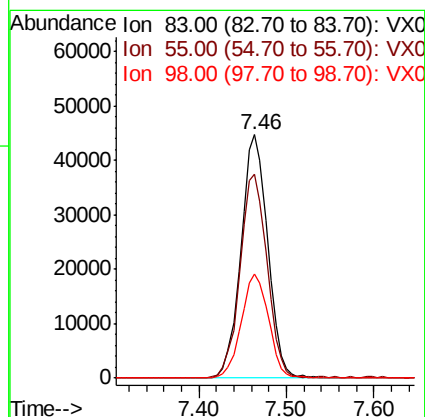
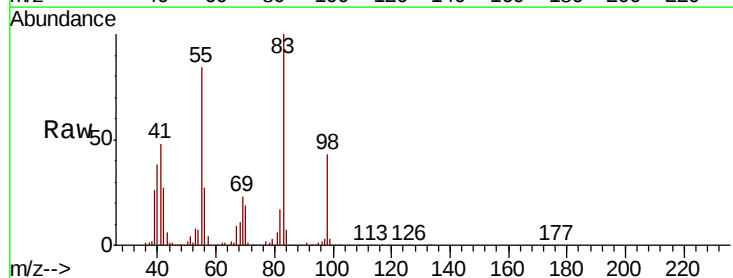
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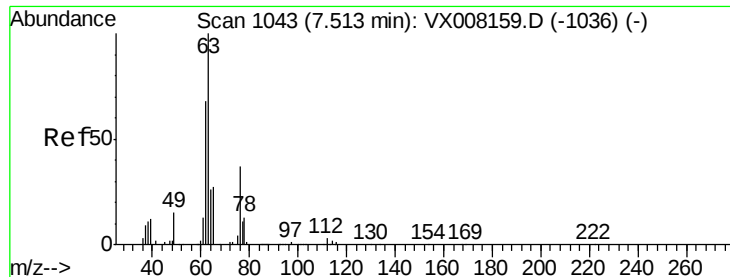
MMDadoda
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#38
 Methylcyclohexane
 Concen: 19.960 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion: 83 Resp: 95134
 Ion Ratio Lower Upper
 83 100
 55 84.2 36.0 108.0
 98 43.3 23.8 71.4





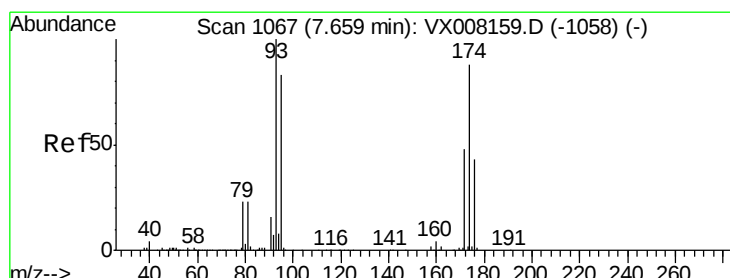
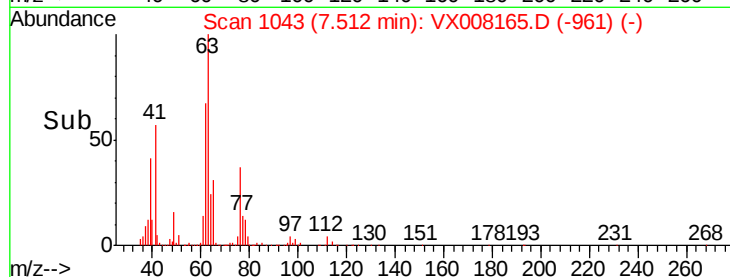
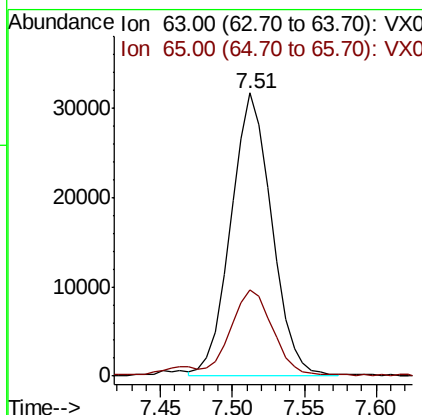
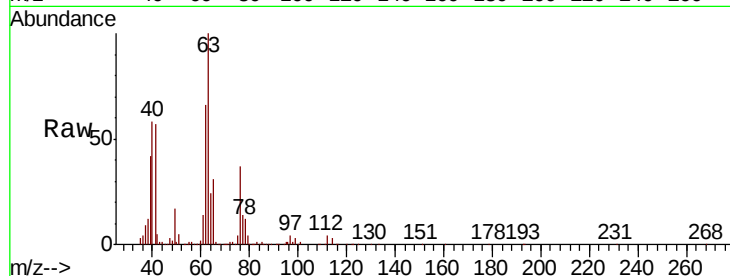
#39
 1,2-Dichloropropane
 Concen: 19.680 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.6	37.0

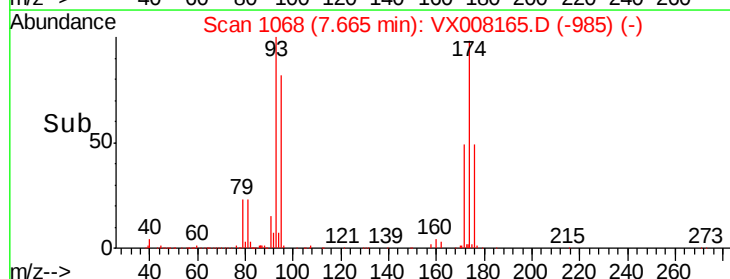
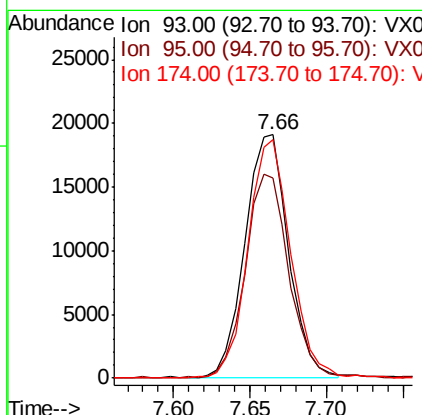
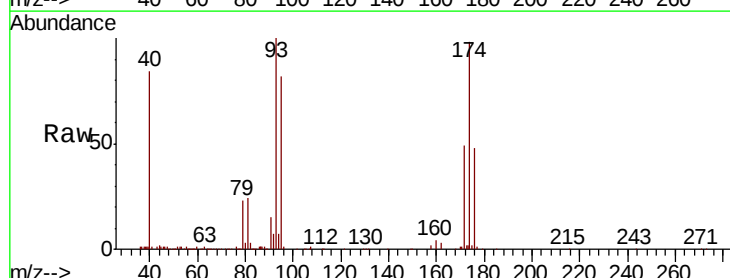
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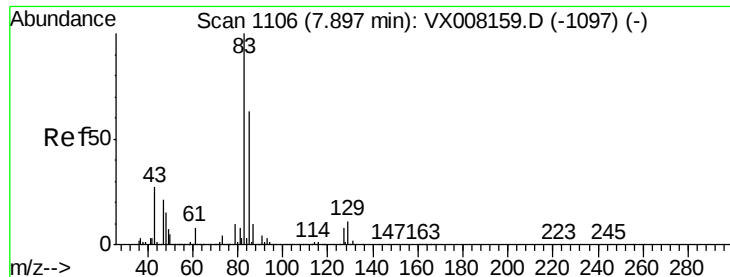
MMDadoda
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#40
 Dibromomethane
 Concen: 19.405 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	0.0	158.8
174	95.7	0.0	224.2





#41

Bromodichloromethane

Concen: 19.073 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

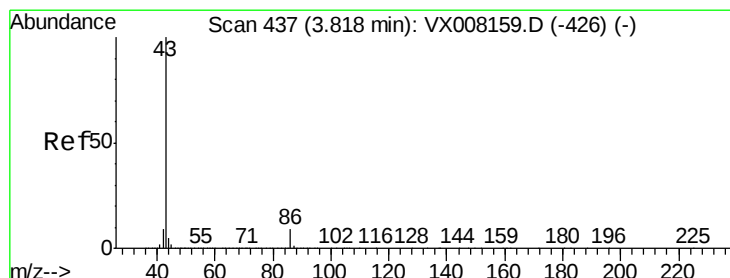
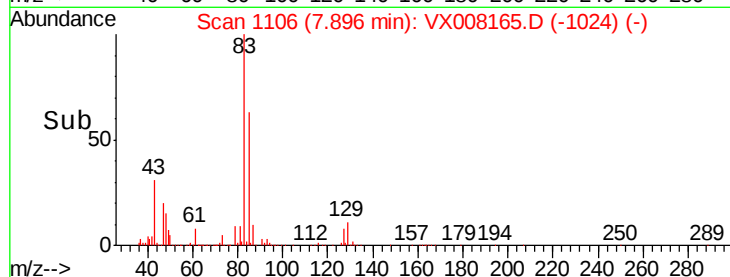
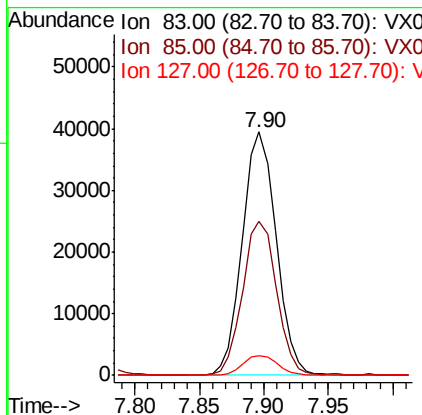
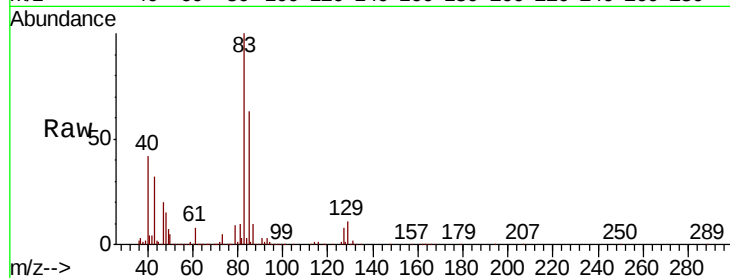
ClientSampleId :

ICVVX031819

Tot Ion	83	Resp	72157
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.1	76.7
127	7.9	7.2	10.8

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#42

Vinyl Acetate

Concen: 97.119 ug/l

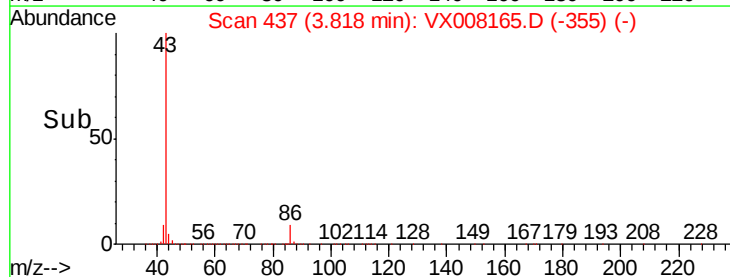
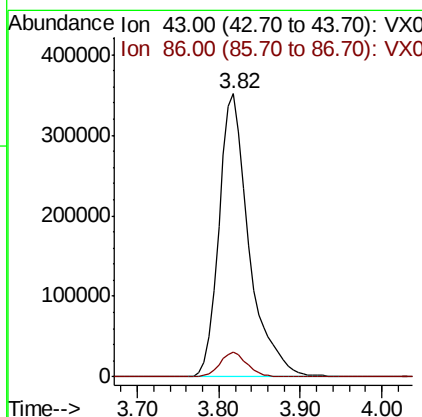
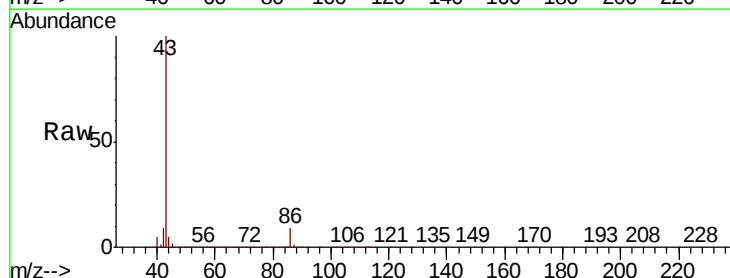
RT: 3.82 min Scan# 437

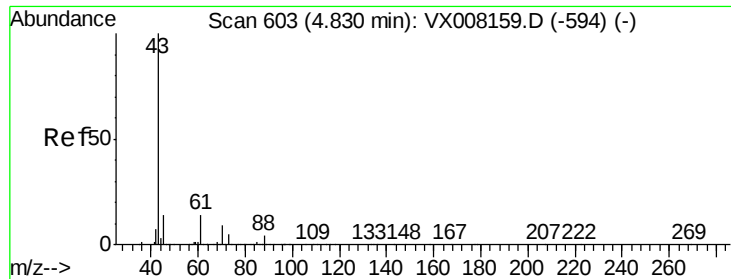
Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion	43	Resp	898421
Ion	Ratio	Lower	Upper
43	100		
86	7.9	8.2	12.2#





#43

Ethyl Acetate

Concen: 19.859 ug/l m

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

Tot Ion: 43 Resp: 96847

Ion Ratio Lower Upper

43 100

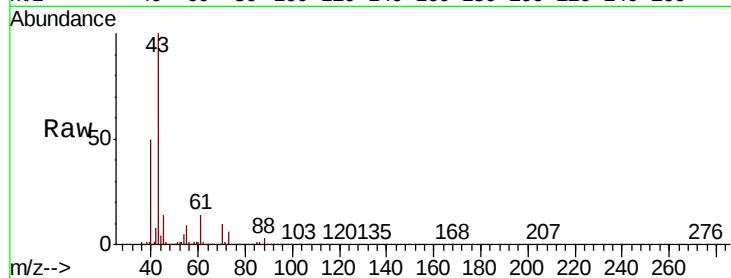
45 0.1 6.9 10.3#

Manual Integrations

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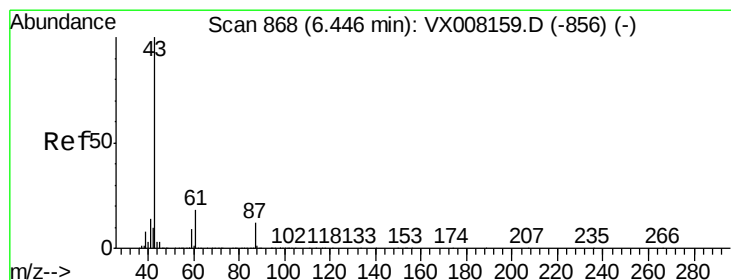
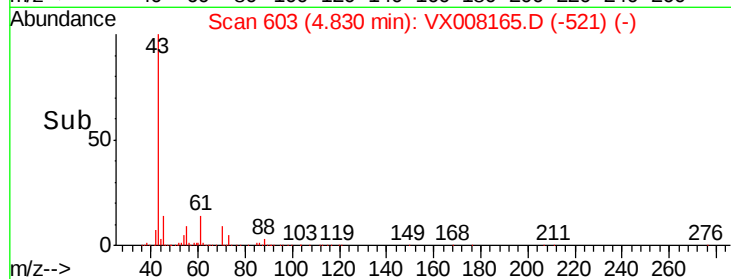
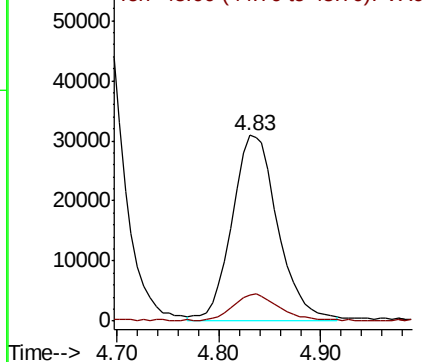
MMDadoda

3/19/2019 9:37:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.243 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008165.D

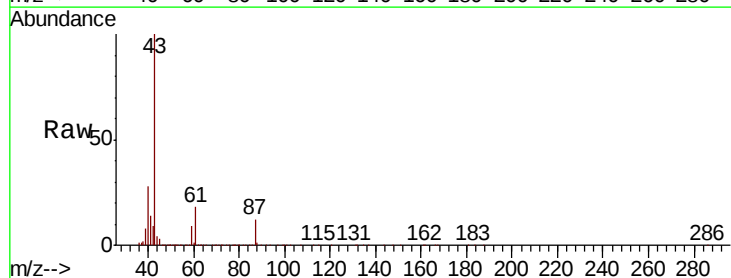
Acq: 18 Mar 2019 14:28

Tgt Ion: 43 Resp: 145550

Ion Ratio Lower Upper

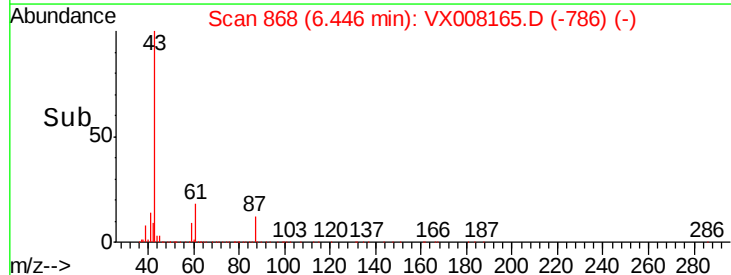
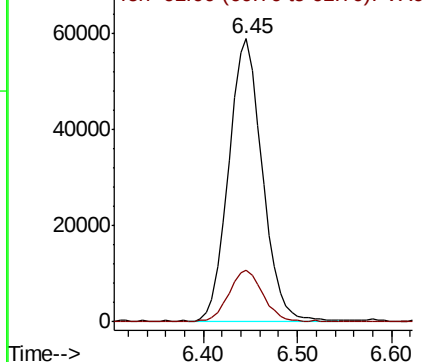
43 100

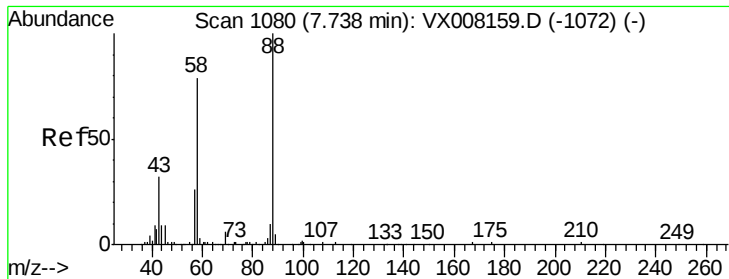
61 18.7 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





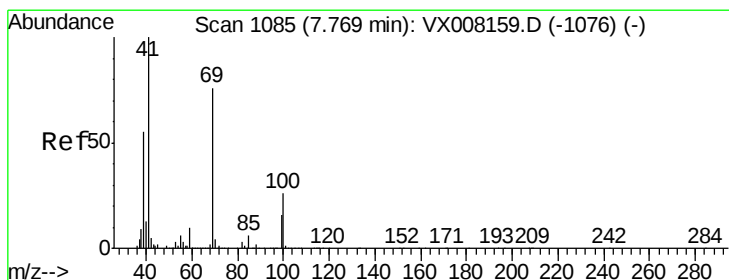
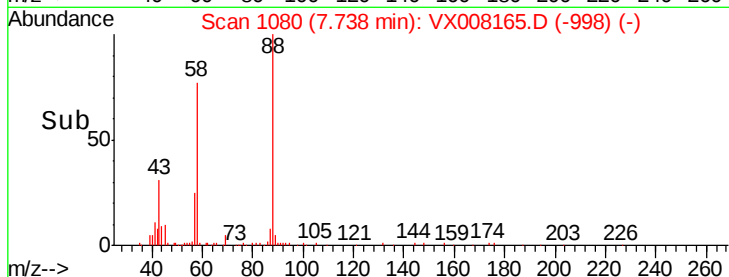
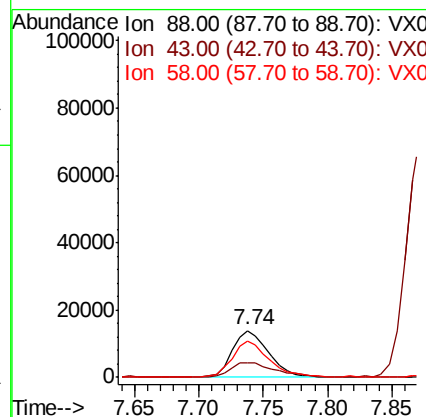
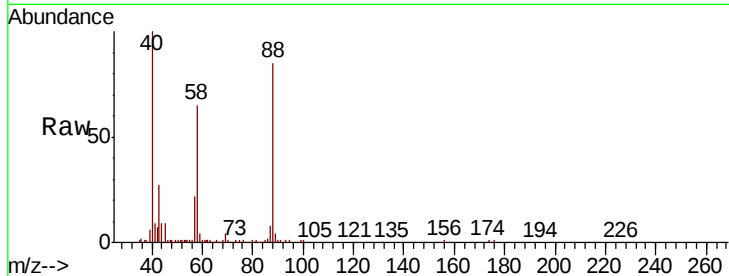
#45
 1,4-Dioxane
 Concen: 384.851 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.0	23.6	35.4#
58	77.3	51.6	77.4

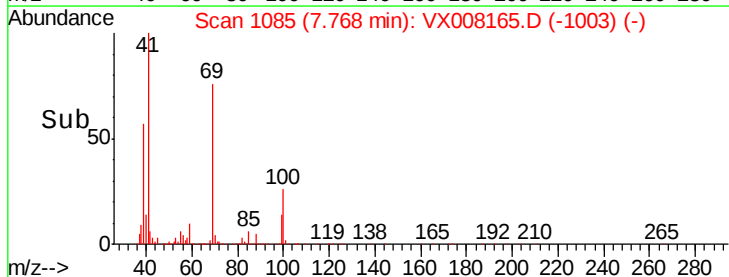
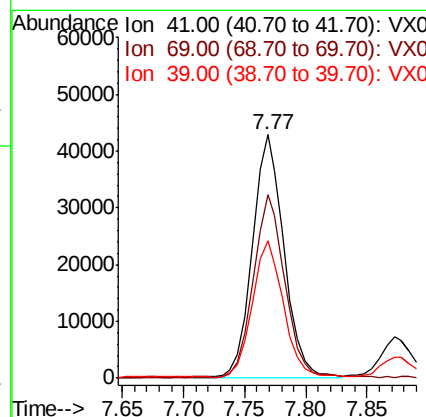
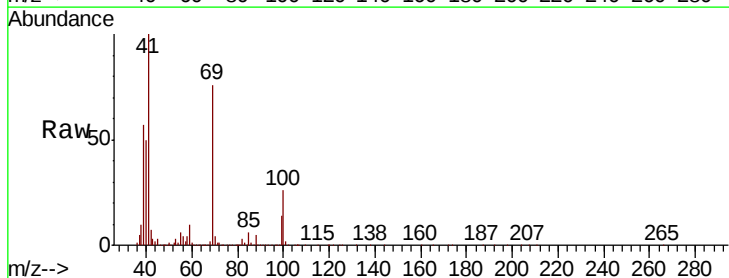
Manual Integrations
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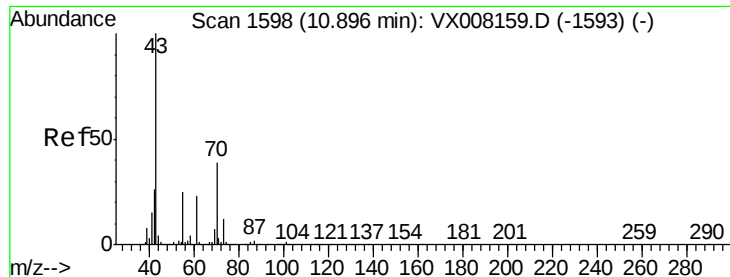
MMDadoda
 3/19/2019 9:37:17 AM



#46
 Methyl methacrylate
 Concen: 19.127 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.7	44.2	132.6
39	56.1	29.9	89.8





#47

n-amvl Acetate

Concen: 19.248 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

Tot Ion: 43 Resp: 124410

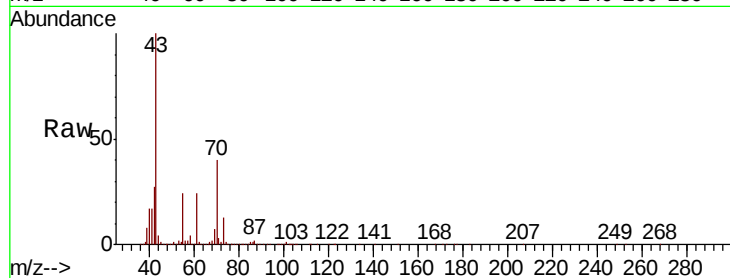
Ion Ratio Lower Upper

43 100

55 24.1 20.8 31.2

Manual Integrations
APPROVED

MMDadoda
3/19/2019 9:37:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

40000

20000

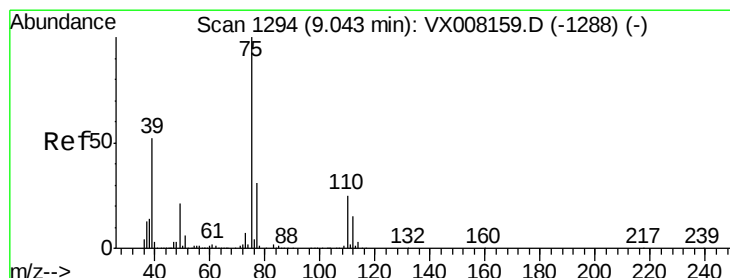
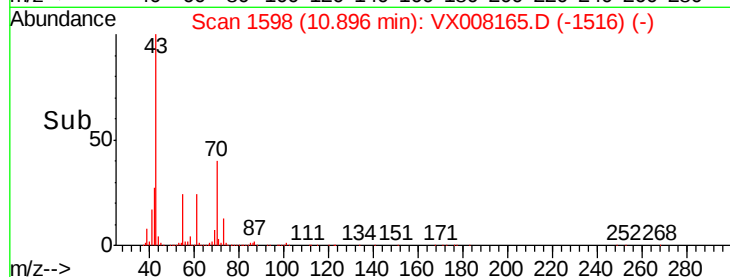
0

10.85

10.90

10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.611 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008165.D

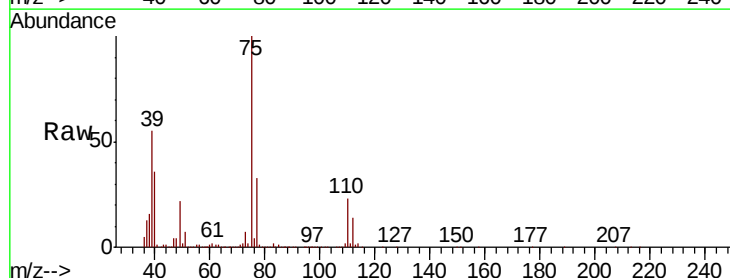
Acq: 18 Mar 2019 14:28

Tgt Ion: 75 Resp: 77824

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

60000

50000

40000

30000

20000

10000

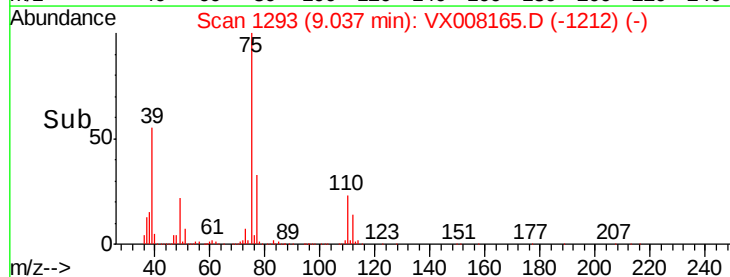
0

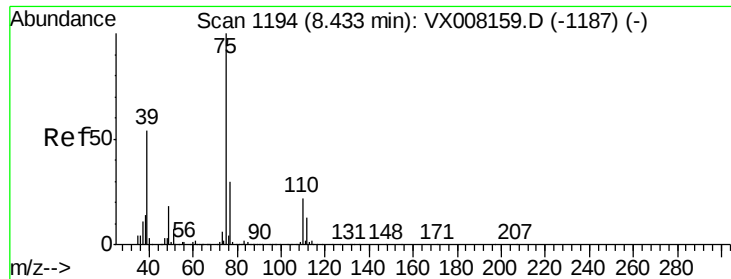
9.00

9.05

9.10

Time-->





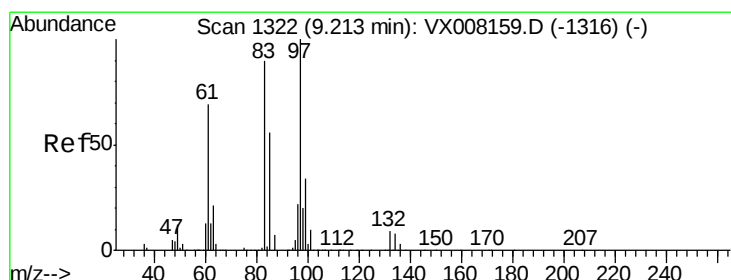
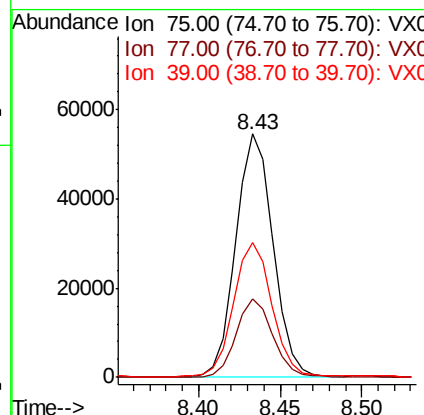
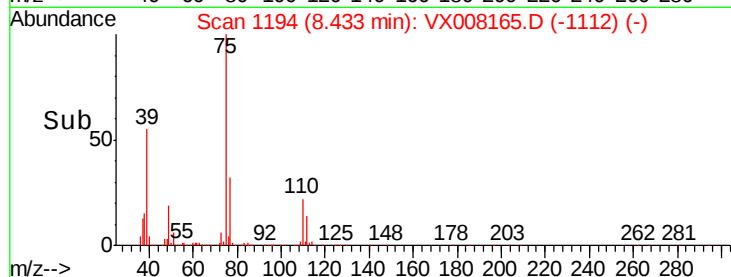
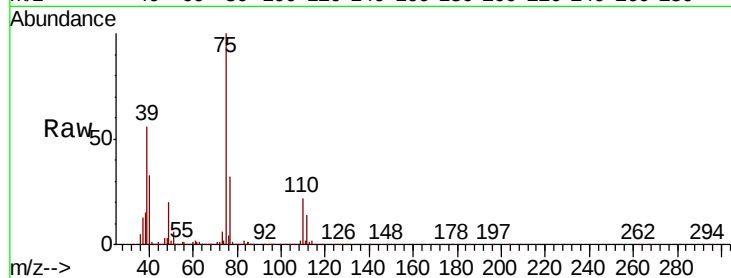
#49
 cis-1,3-Dichloropropene
 Concen: 18.659 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion:	75	Resp:	86803
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.4
39	55.3	38.5	57.7

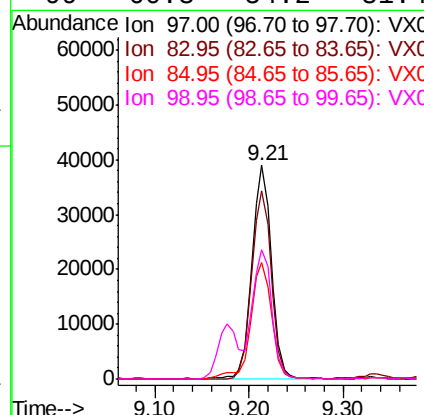
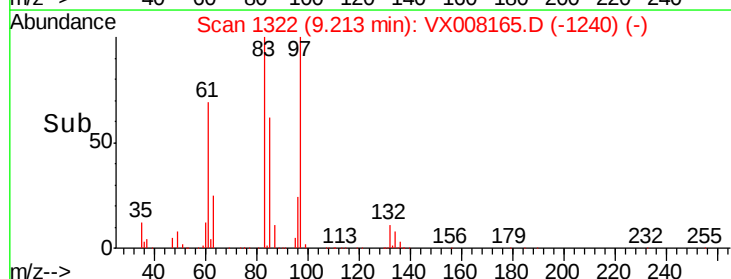
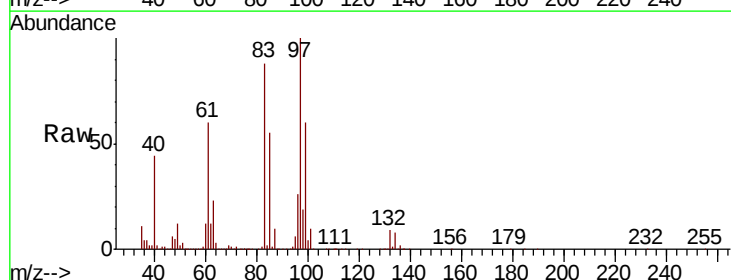
Manual Integrations
 APPROVED

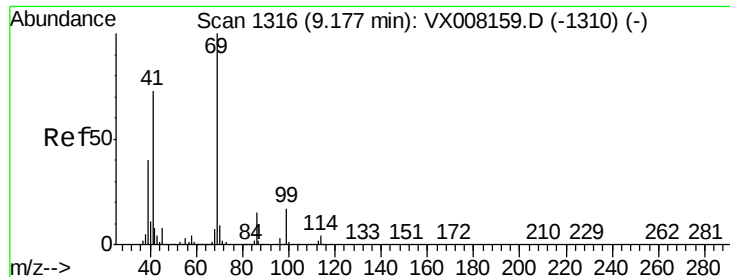
MMDadoda
 3/19/2019 9:37:17 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.183 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion:	97	Resp:	56694
Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.0	108.0
85	54.6	45.0	67.6
99	60.3	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.042 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

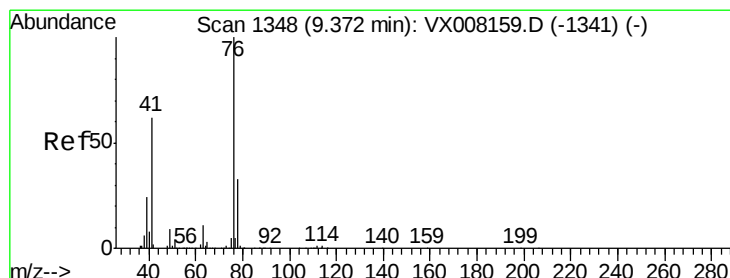
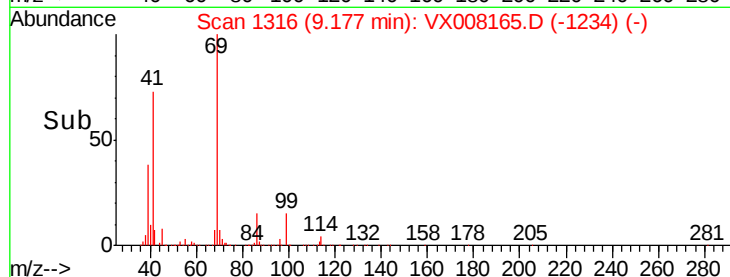
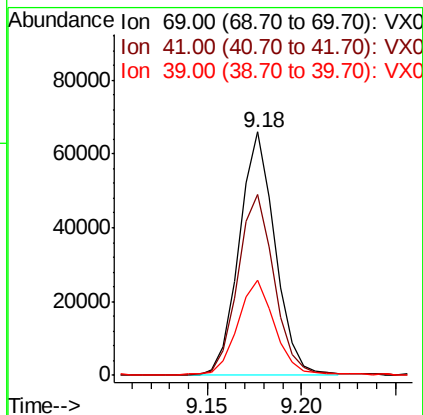
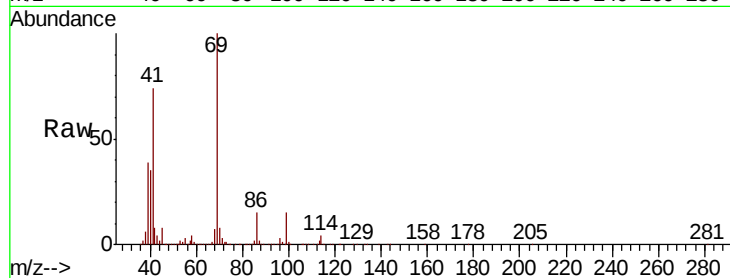
ClientSampleId :

ICVVX031819

Tot Ion:	69	Resp:	86713
Ion Ratio	Lower	Upper	
69	100		
41	74.0	32.1	96.5
39	38.5	18.8	56.3

Manual Integrations
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MMDadoda
3/19/2019 9:37:17 AM



#52

1,3-Dichloropropane

Concen: 19.818 ug/l

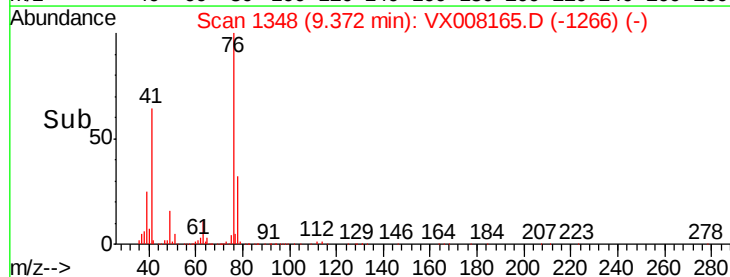
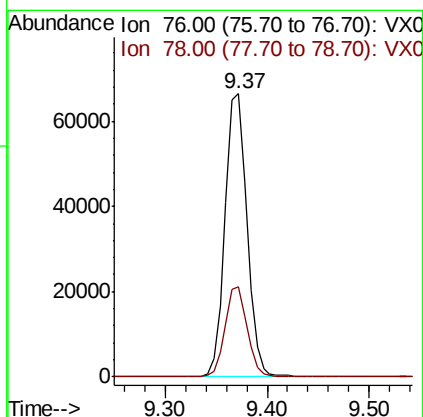
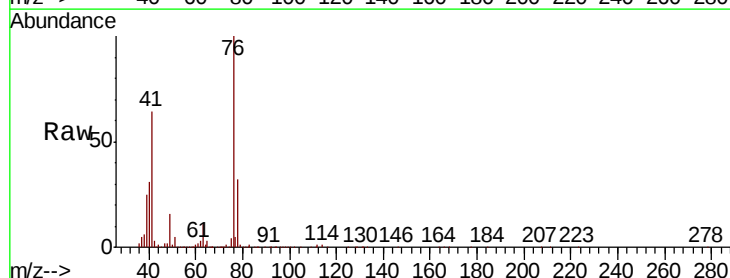
RT: 9.37 min Scan# 1348

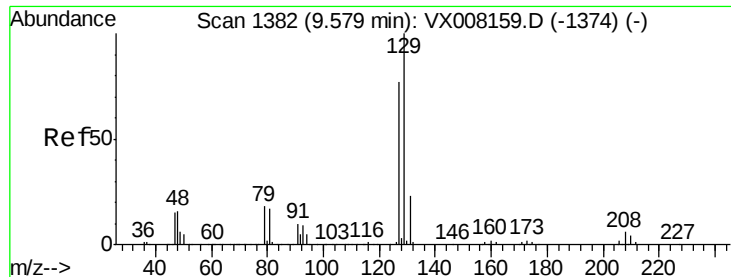
Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	76	Resp:	99679
Ion Ratio	Lower	Upper	
76	100		
78	31.4	0.0	65.2





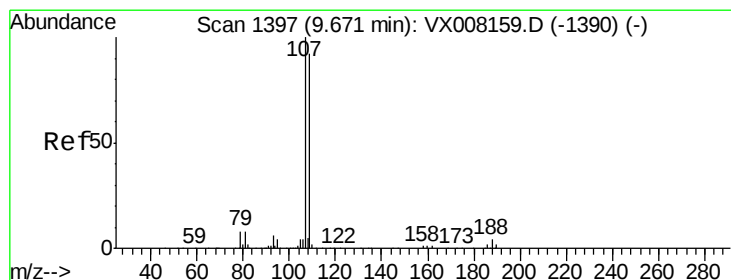
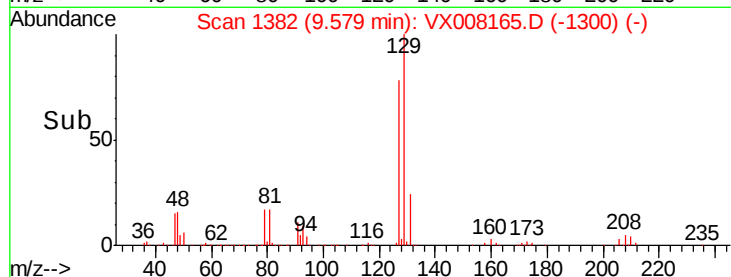
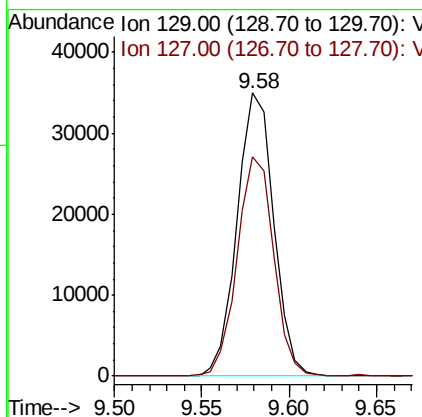
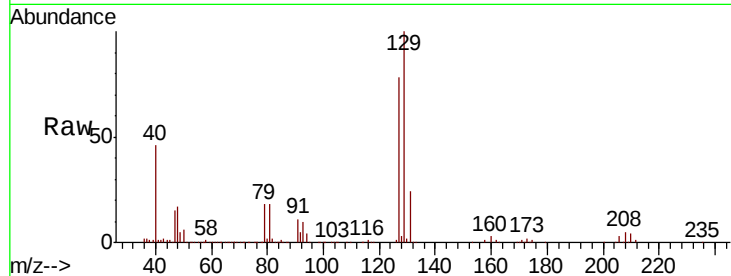
#53
 Dibromochloromethane
 Concen: 18.776 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion:129 Resp: 50997
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.4 115.2

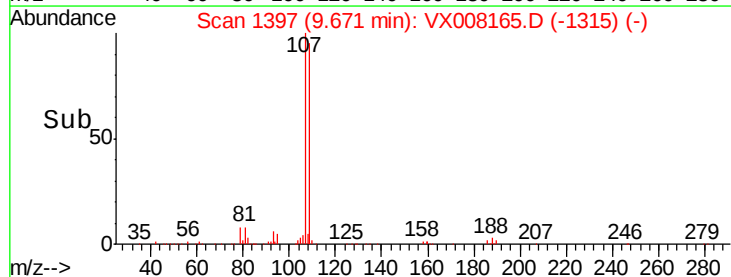
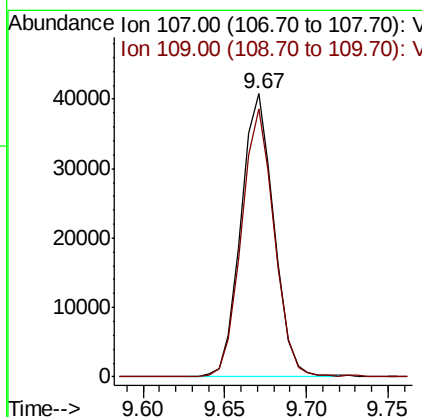
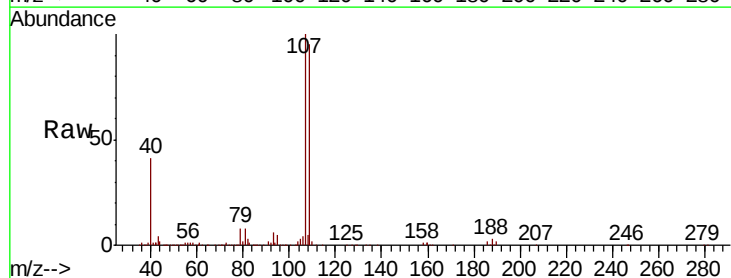
Manual Integrations
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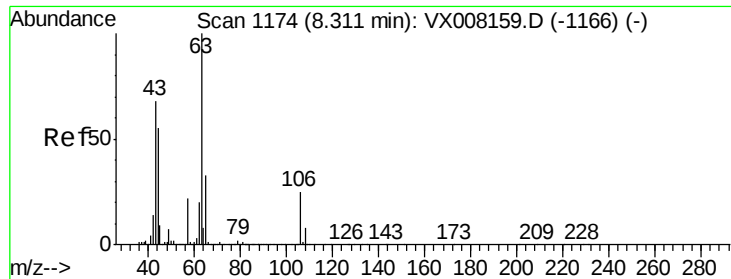
MMDadoda
 3/19/2019 9:37:17 AM



#54
 1,2-Dibromoethane
 Concen: 19.623 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion:107 Resp: 57528
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.6 115.0





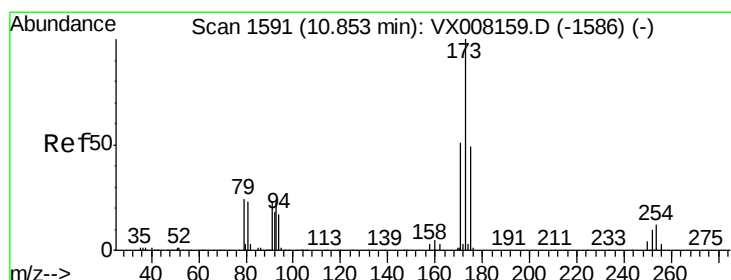
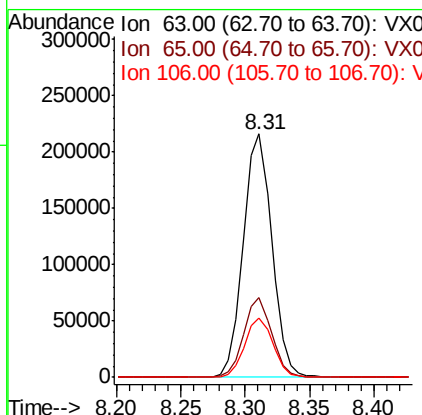
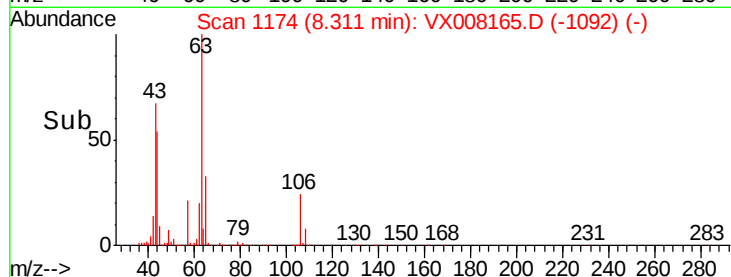
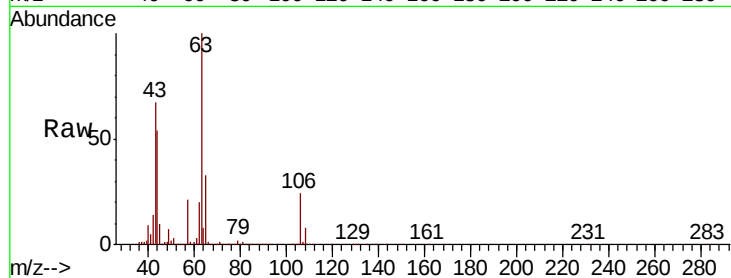
#55
 2-Chloroethyl vinyl ether
 Concen: 102.222 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.7	38.5
106	24.4	23.7	35.5

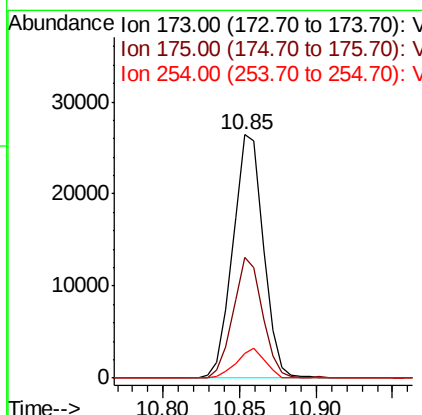
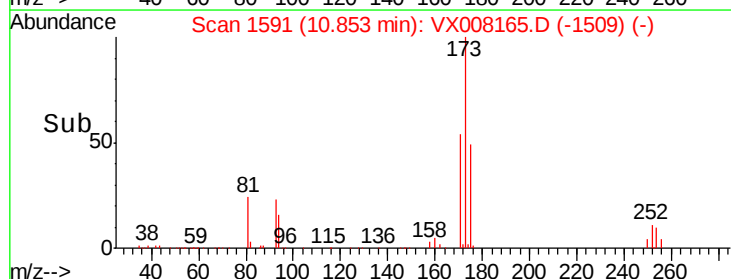
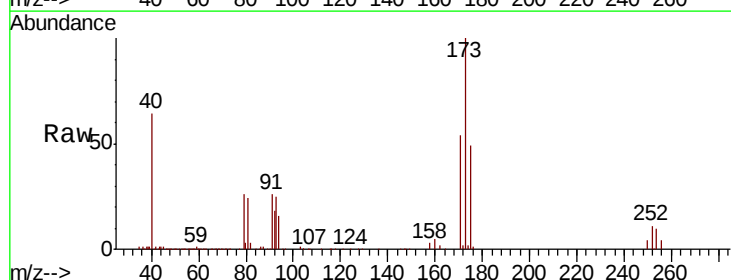
Manual Integrations
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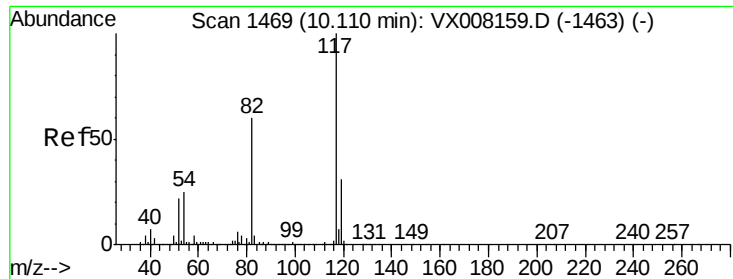
MMDadoda
 3/19/2019 9:37:17 AM



#56
 Bromoform
 Concen: 18.702 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	38.5	57.7
254	11.2	7.4	11.2#





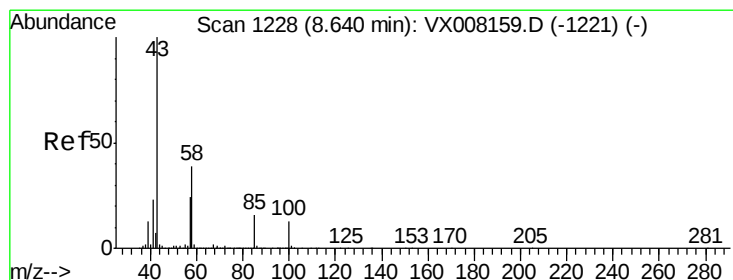
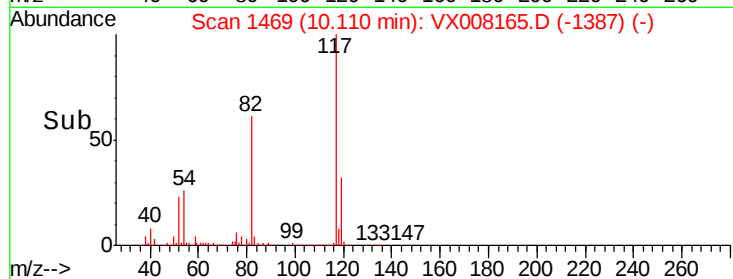
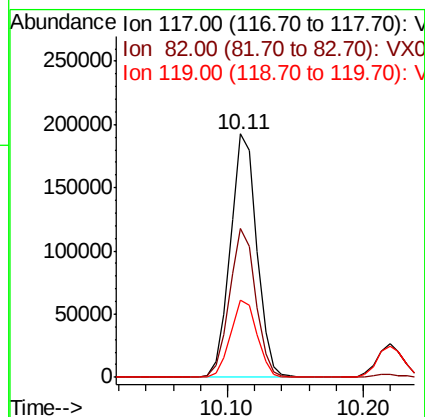
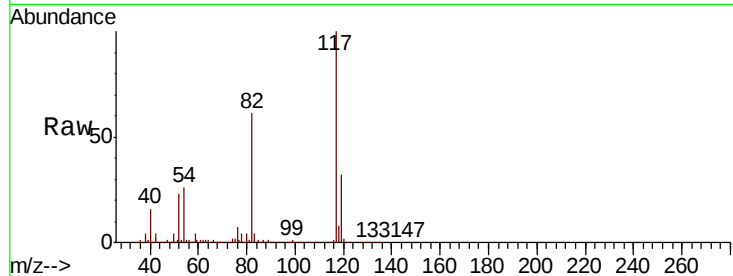
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	40.4	60.6
119	32.2	25.8	38.6

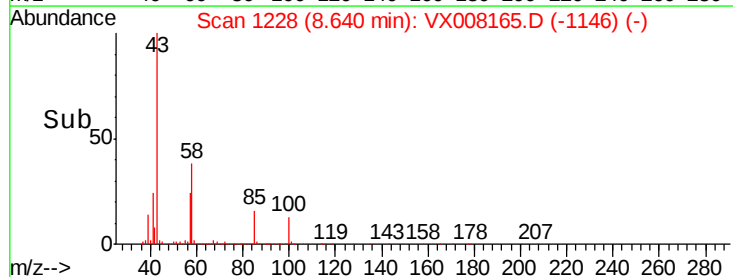
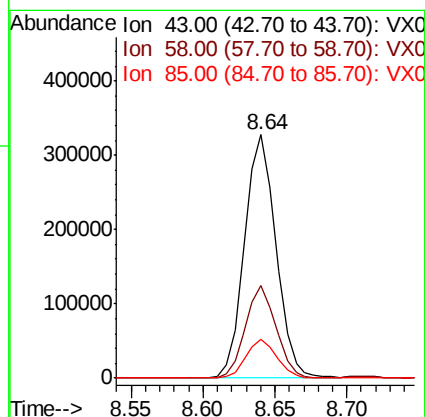
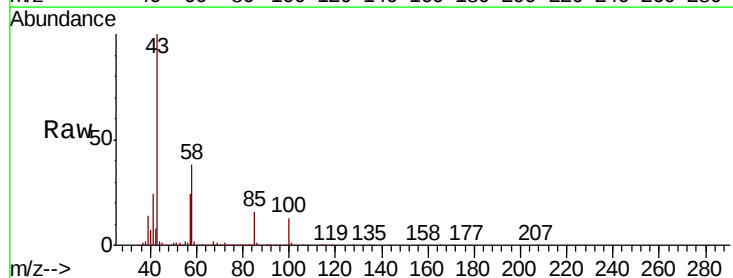
Manual Integrations
APPROVED

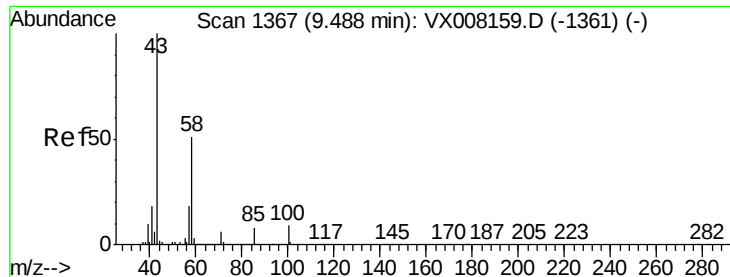
MMDadoda
3/19/2019 9:37:17 AM



#58
4-Methyl-2-Pentanone
Concen: 99.713 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.5	31.4	47.0
85	15.8	15.0	22.6





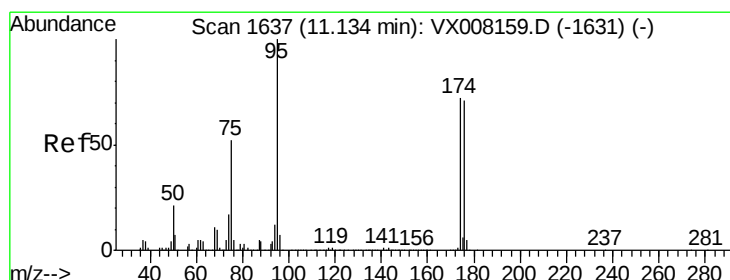
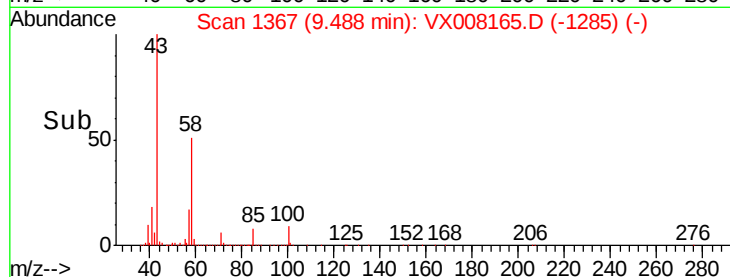
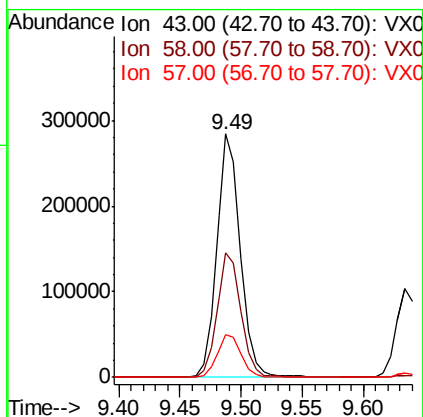
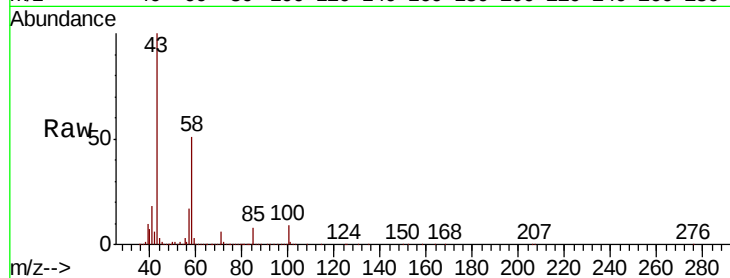
#59
2-Hexanone
Concen: 96.876 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	43.9	65.9
57	17.6	14.9	22.3

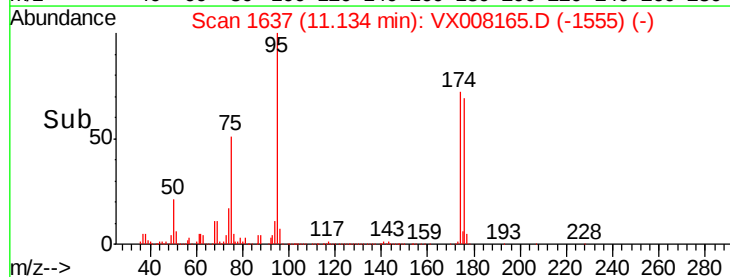
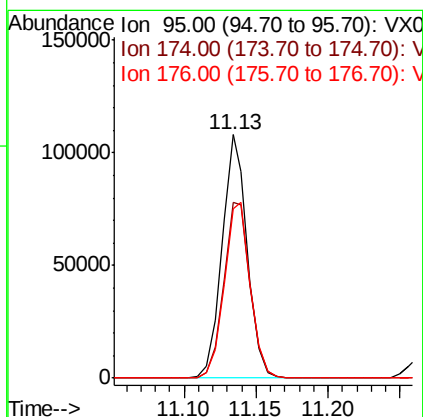
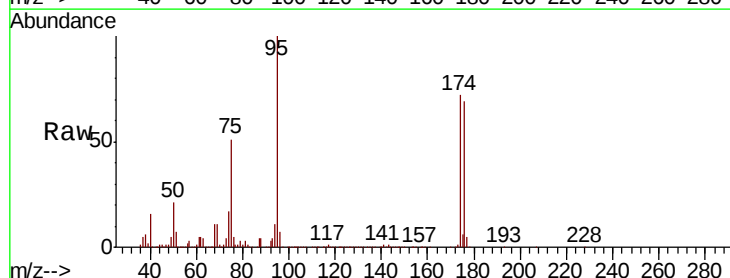
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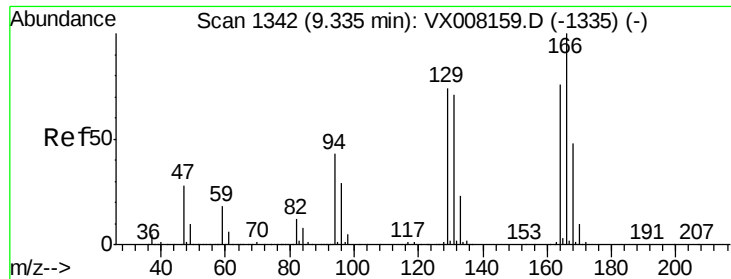
MMDadoda
3/19/2019 9:37:17 AM



#60
4-Bromofluorobenzene
Concen: 30.609 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.0	74.9	112.3
176	74.7	70.7	106.1





#61

Tetrachloroethene

Concen: 19.879 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

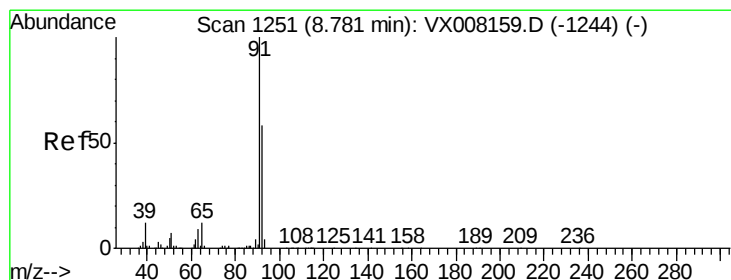
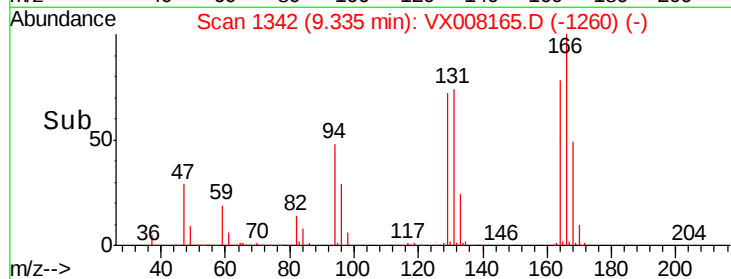
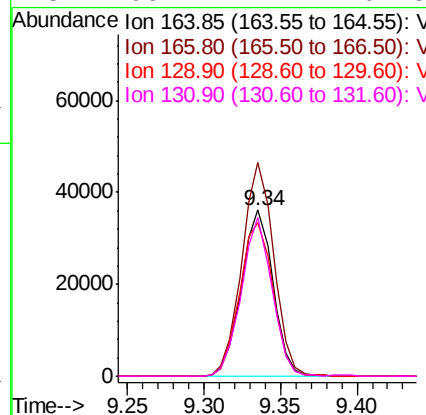
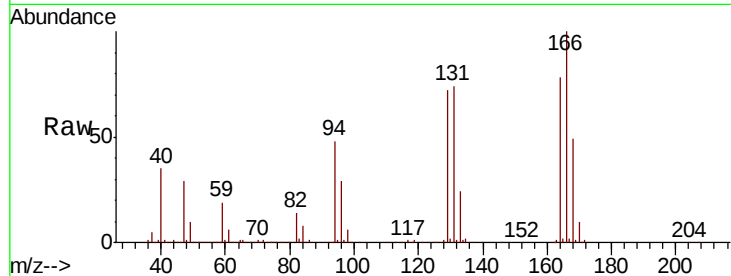
ClientSampleId :

ICVVX031819

Tot Ion:	164	Resp:	51915
Ion	Ratio	Lower	Upper
164	100		
166	128.6	103.9	155.9
129	92.2	74.7	112.1
131	95.2	71.7	107.5

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#62

Toluene

Concen: 19.593 ug/l

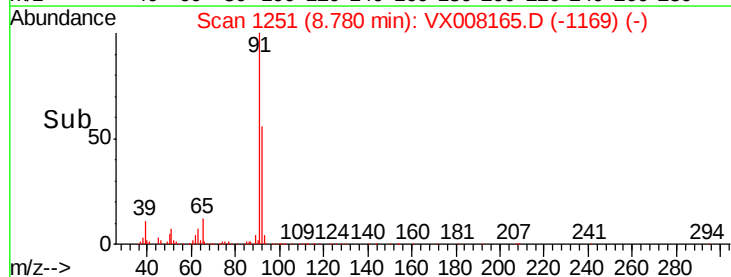
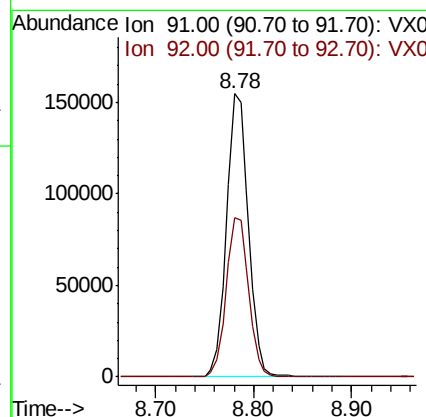
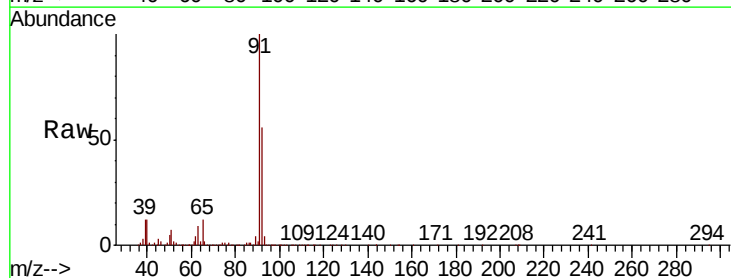
RT: 8.78 min Scan# 1251

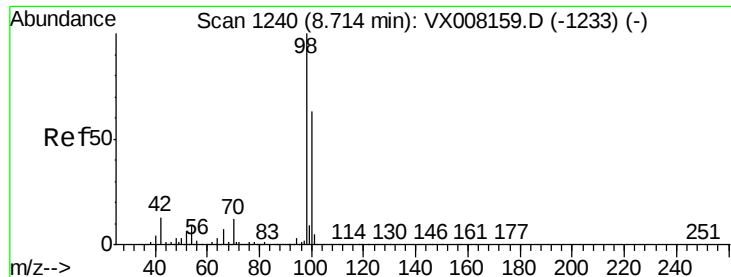
Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	91	Resp:	240283
Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.4	69.6





#63

Toluene-d8

Concen: 29.964 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

Tot Ion: 98 Resp: 377522

Ion Ratio Lower Upper

98 100

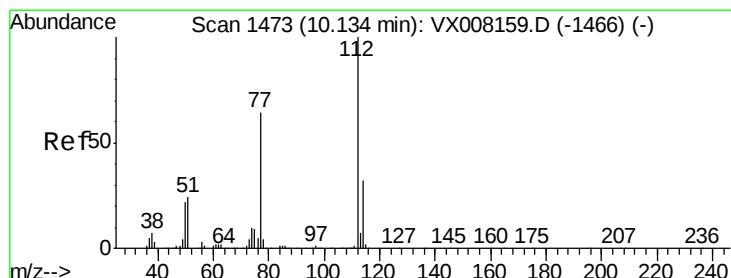
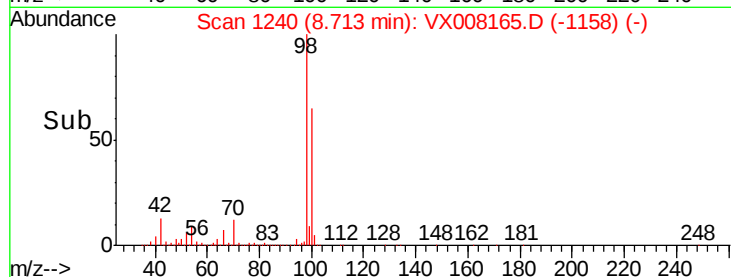
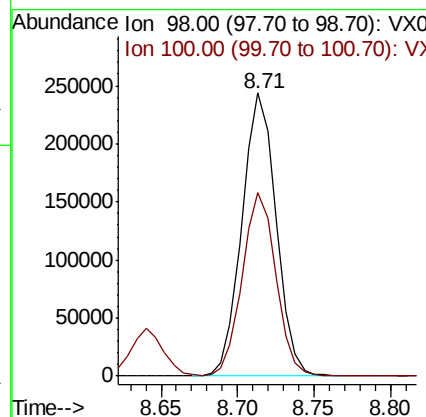
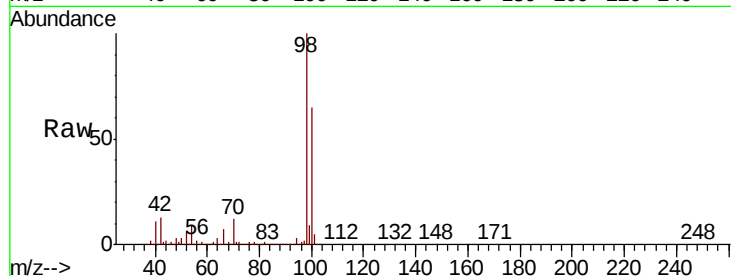
100 63.7 50.9 76.3

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#64

Chlorobenzene

Concen: 19.769 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008165.D

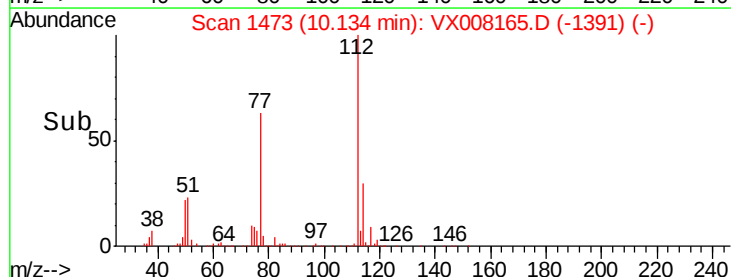
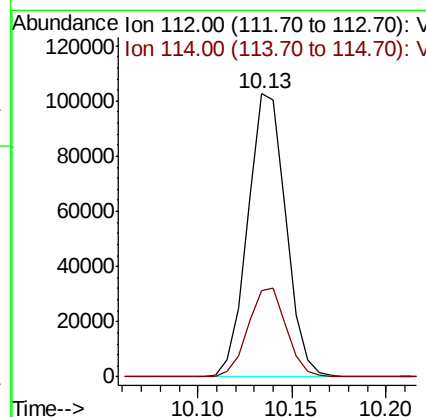
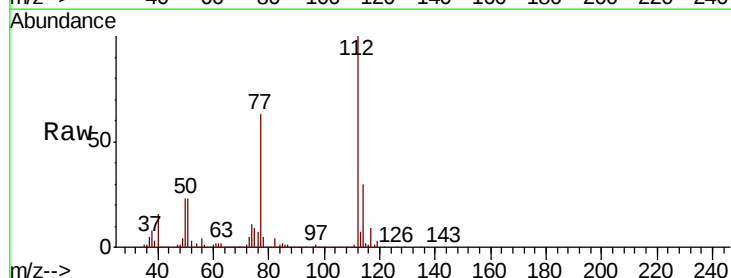
Acq: 18 Mar 2019 14:28

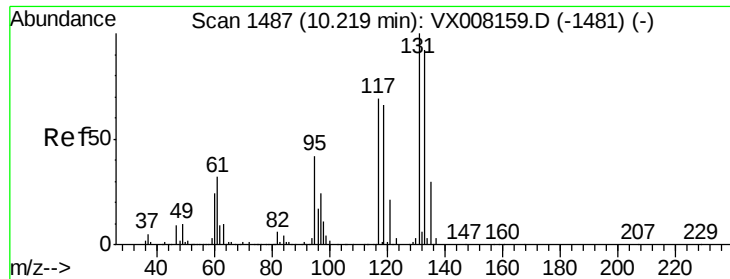
Tgt Ion: 112 Resp: 144287

Ion Ratio Lower Upper

112 100

114 30.3 25.4 38.2





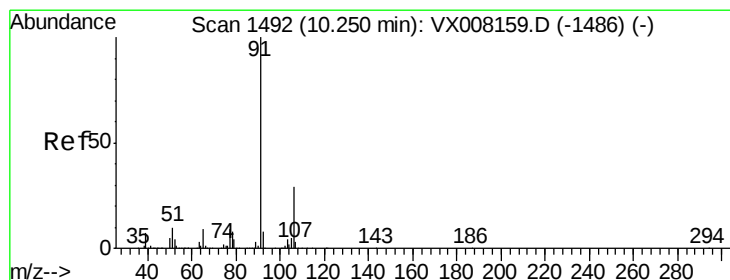
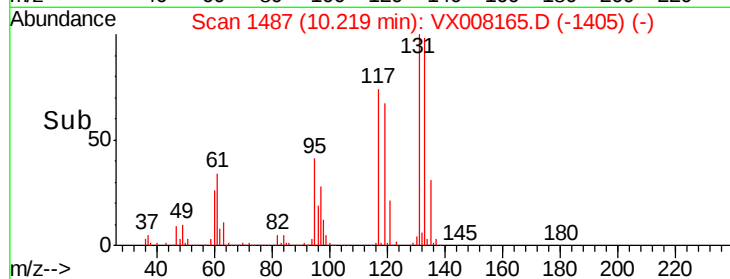
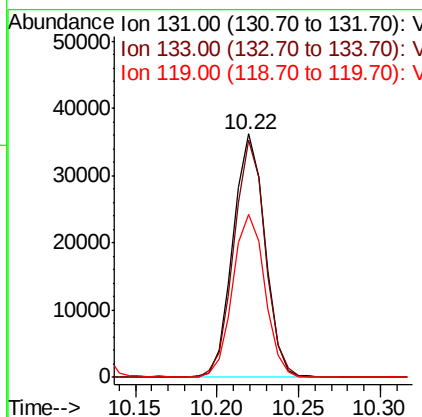
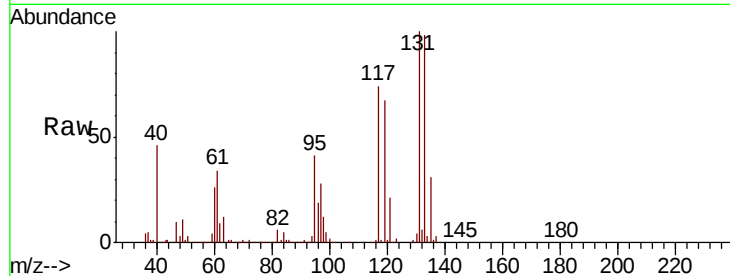
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.315 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.1	0.0	191.6
119	67.5	0.0	127.4

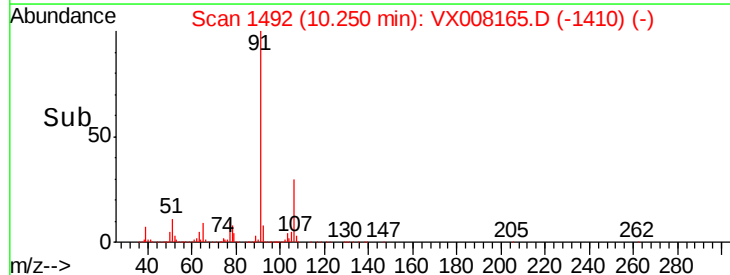
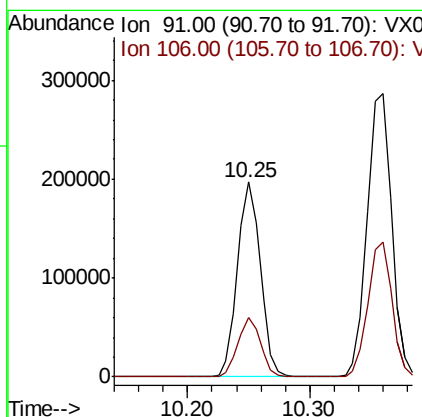
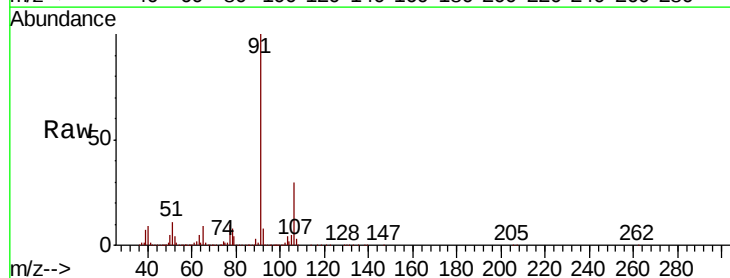
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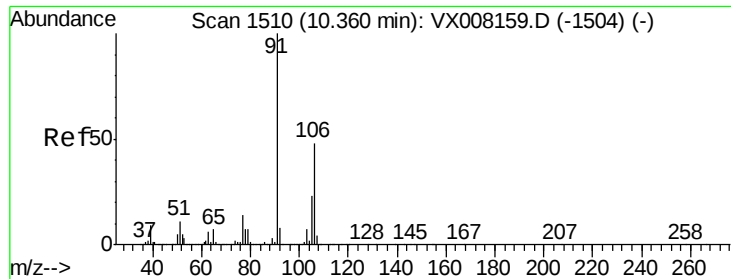
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#66
 Ethyl Benzene
 Concen: 19.509 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	26.0	39.0





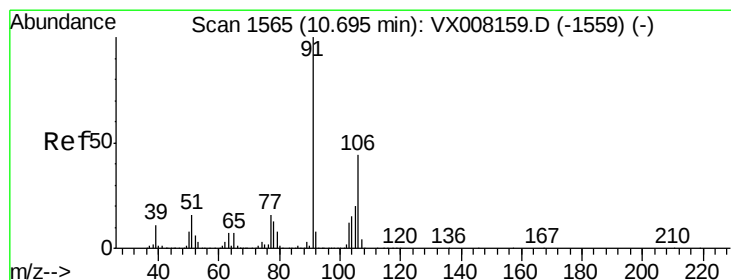
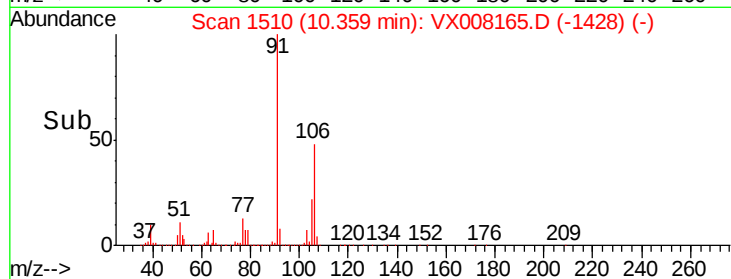
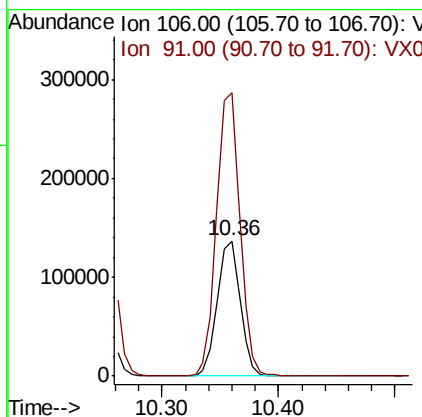
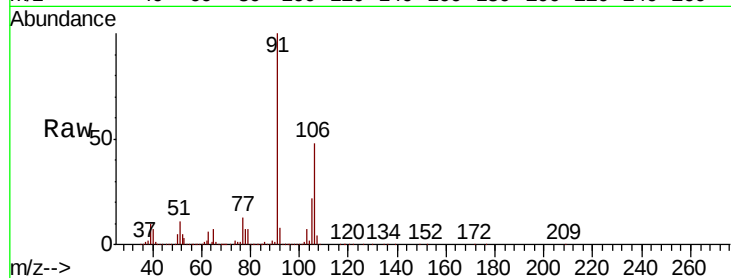
#67
m/p-Xylenes
Concen: 38.644 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		186995		
91	213.3	157.0	235.4		

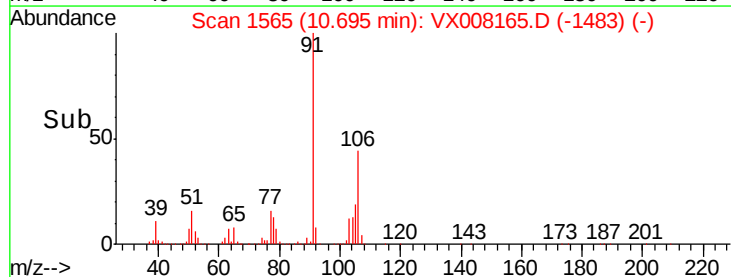
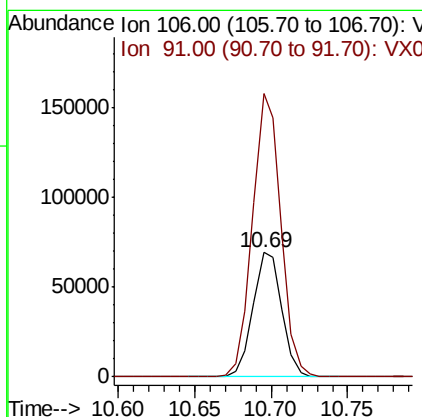
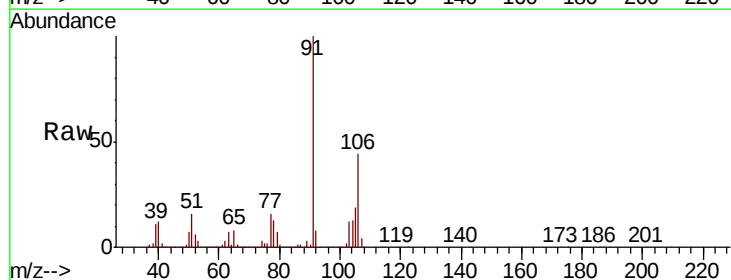
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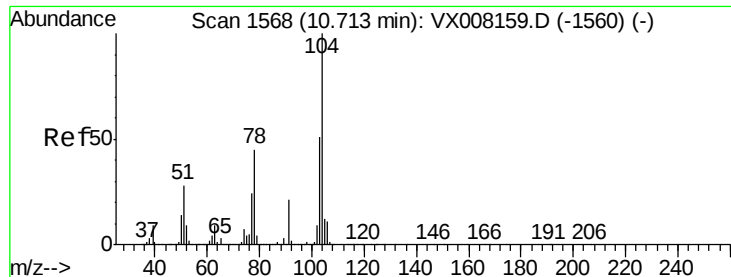
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#68
o-Xylene
Concen: 19.637 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		91309		
91	222.2	104.4	313.2		





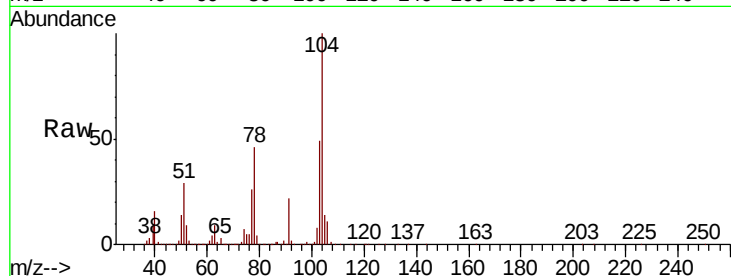
#69
Stvrene
Concen: 19.452 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.2	38.2	57.2
103	56.2	45.0	67.4

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3/19/2019 9:37:17 AM

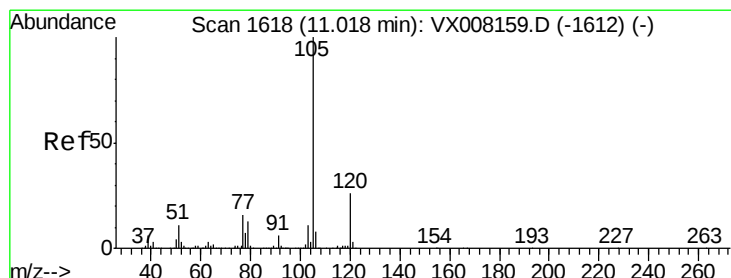
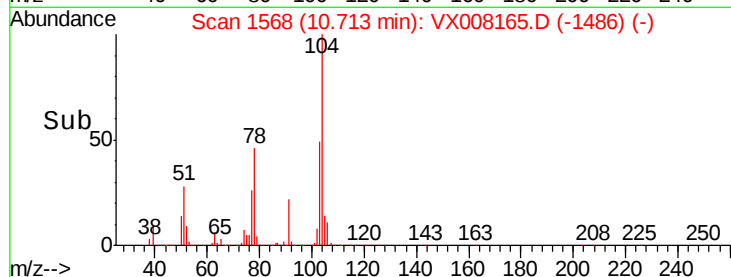
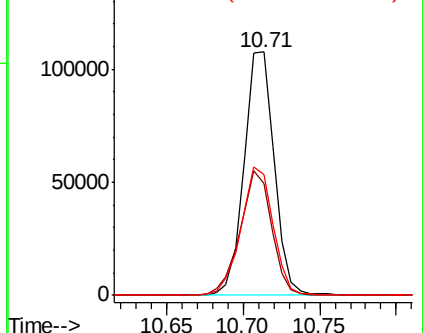


Abundance

Ion 104.00 (103.70 to 104.70): V

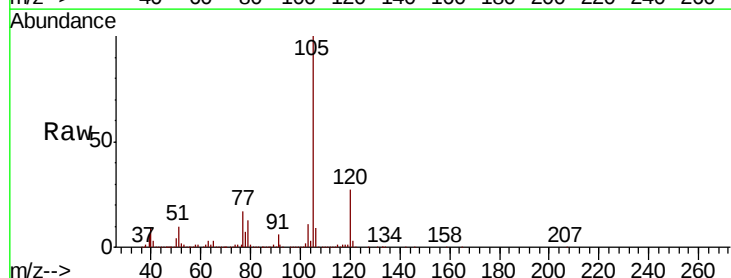
Ion 78.00 (77.70 to 78.70): VX

Ion 103.00 (102.70 to 103.70): V



#70
Isopropylbenzene
Concen: 19.754 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

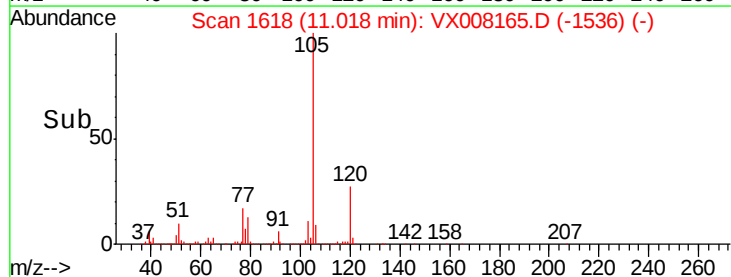
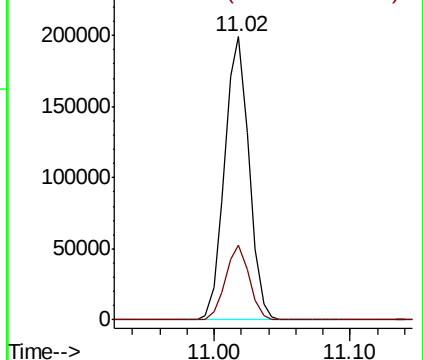
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	19.8	36.8

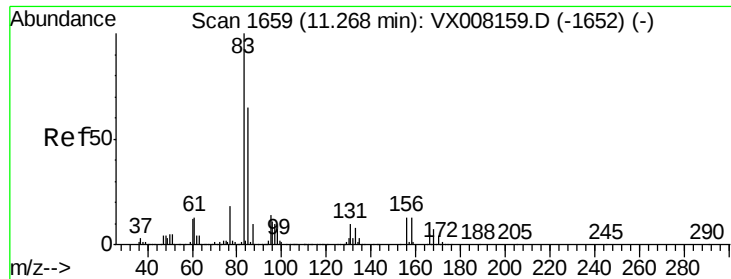


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.171 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

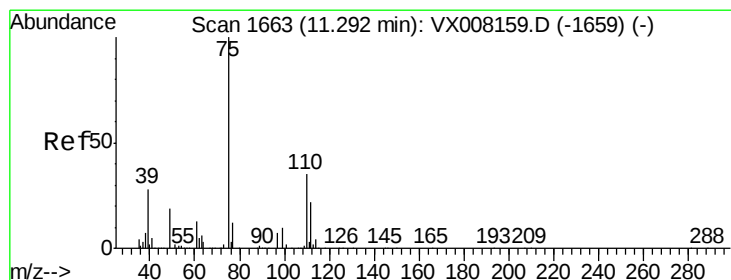
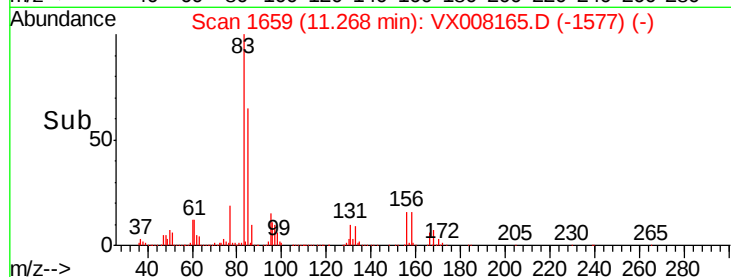
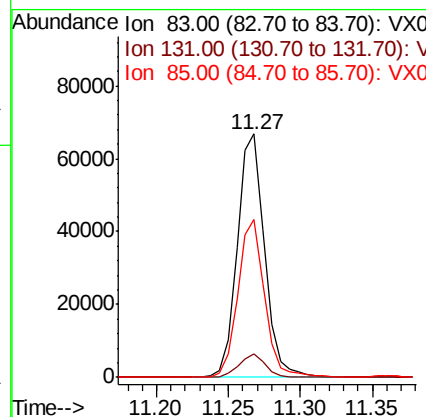
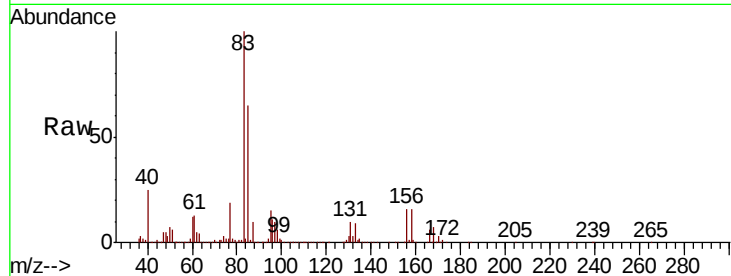
ClientSampleId :

ICVVX031819

Tot Ion:	83	Resp:	88587
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.4	16.2
85	63.8	32.8	98.4

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#72

1,2,3-Trichloropropane

Concen: 20.436 ug/l m

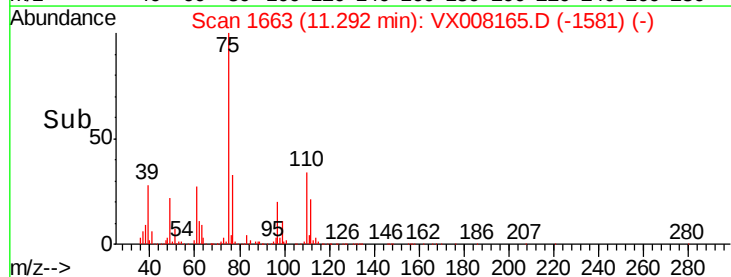
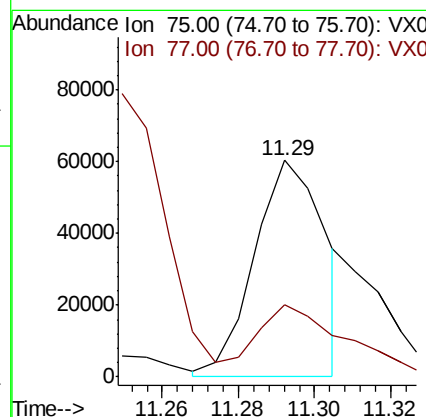
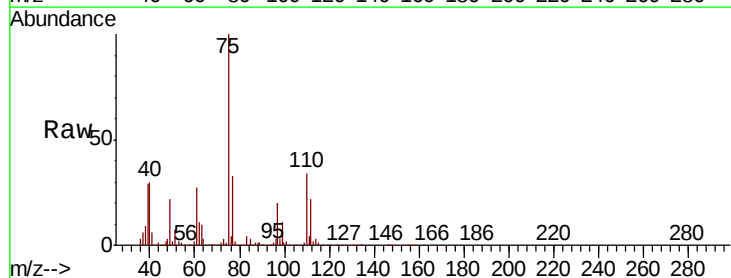
RT: 11.29 min Scan# 1663

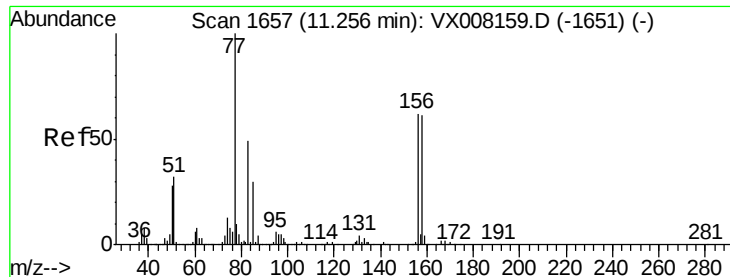
Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	75	Resp:	77396
Ion Ratio	Lower	Upper	
75	100		
77	43.0	0.0	76.4





#73

Bromobenzene

Concen: 19.430 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX031819

Tot Ion:156 Resp: 57668

Ion Ratio Lower Upper

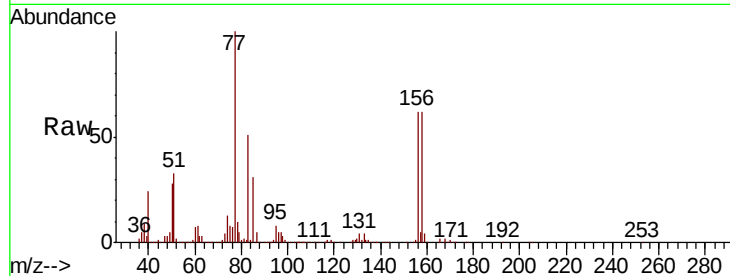
156 100

77 175.8 0.0 271.4

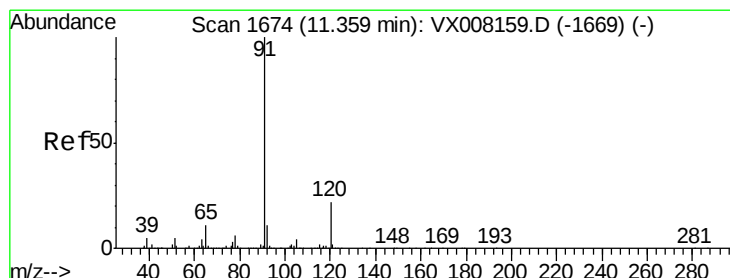
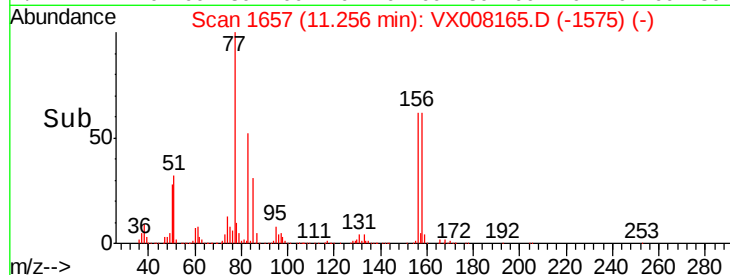
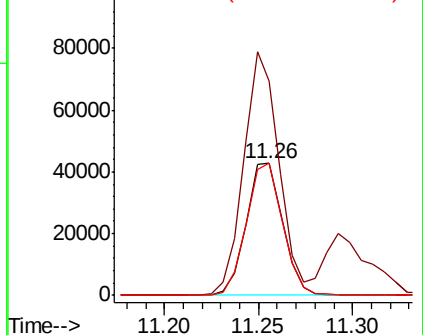
158 98.9 0.0 194.0

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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.595 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008165.D

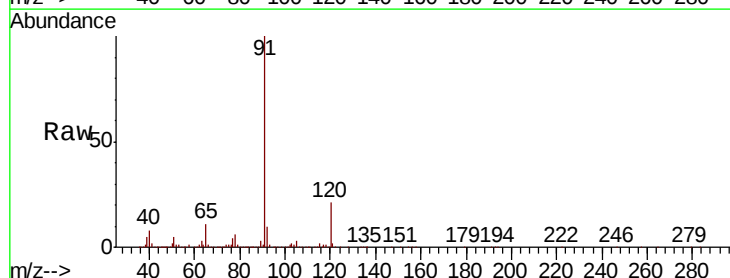
Acq: 18 Mar 2019 14:28

Tgt Ion: 91 Resp: 290876

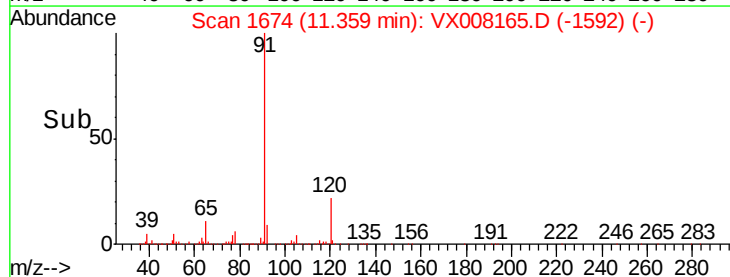
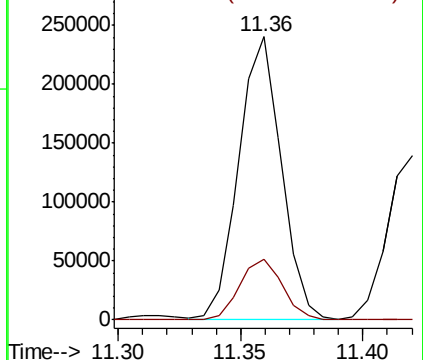
Ion Ratio Lower Upper

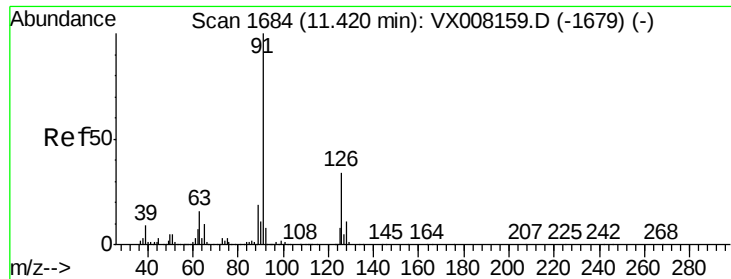
91 100

120 21.6 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.770 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampled :

ICVVX031819

Tot Ion: 91 Resp: 172400

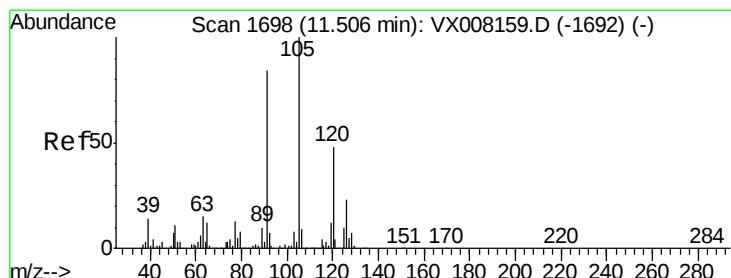
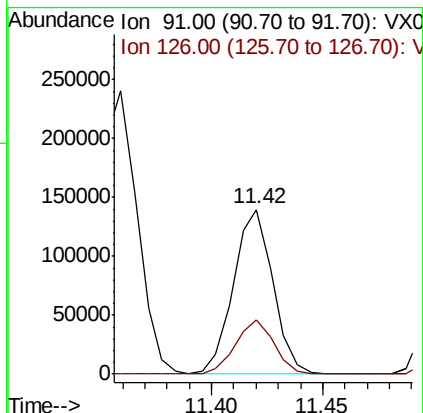
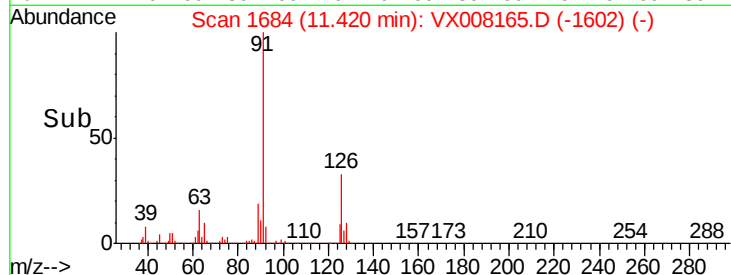
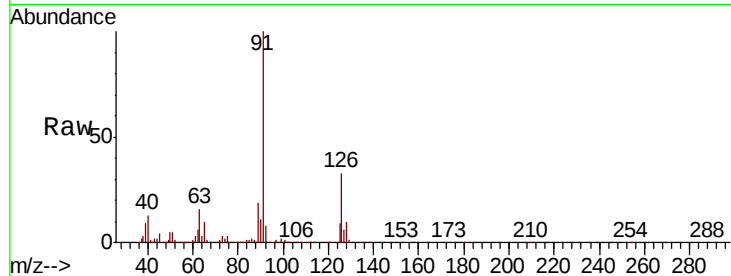
Ion Ratio Lower Upper

91 100

126 32.2 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.834 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008165.D

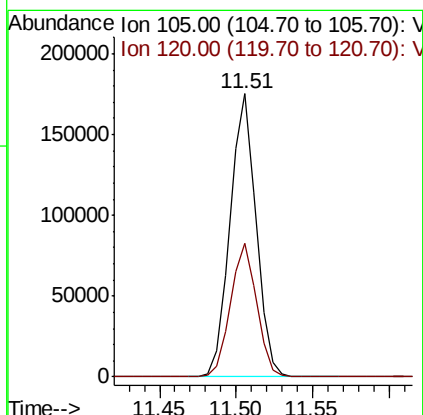
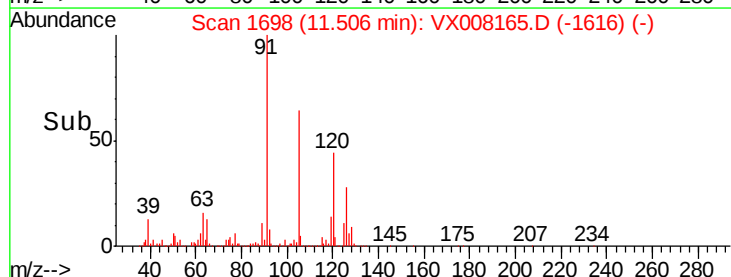
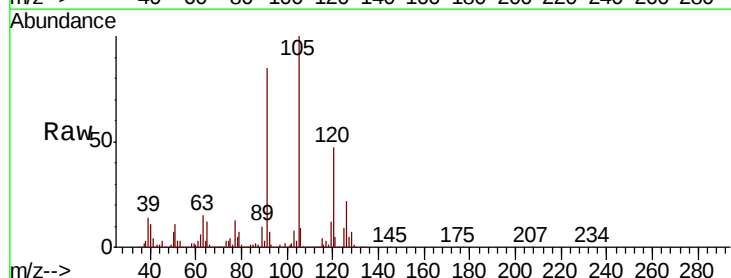
Acq: 18 Mar 2019 14:28

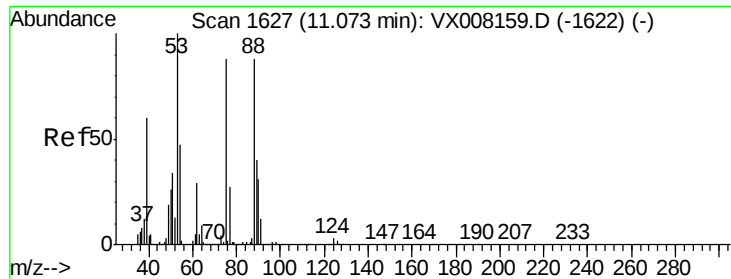
Tgt Ion: 105 Resp: 205639

Ion Ratio Lower Upper

105 100

120 47.6 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.328 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

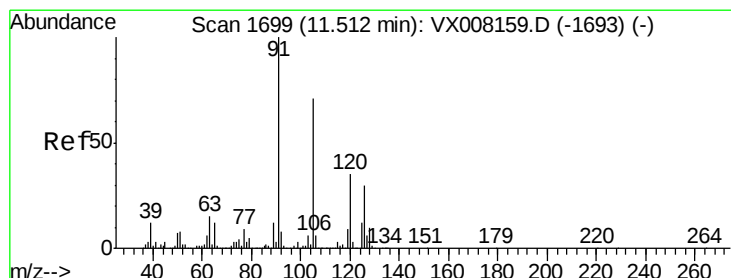
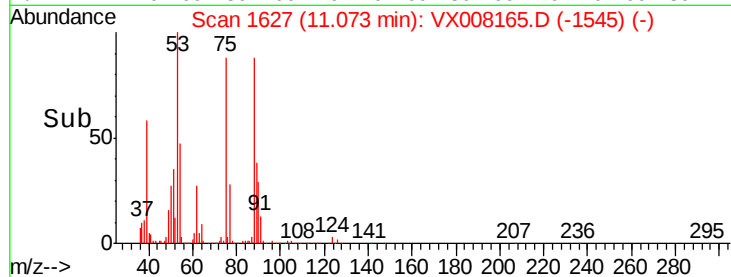
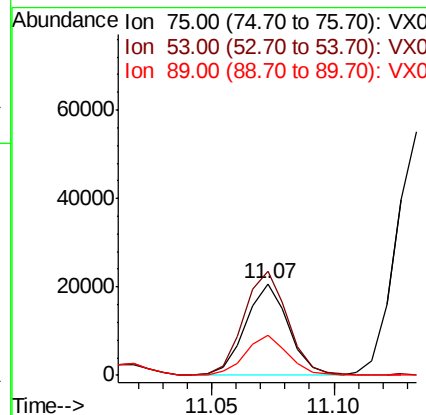
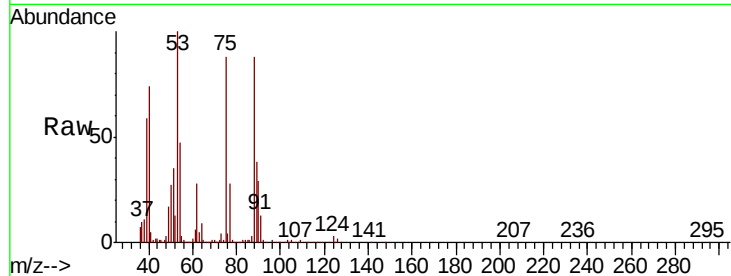
ClientSampleId :

ICVVX031819

Tot Ion:	75	Resp:	24942
Ion	Ratio	Lower	Upper
75	100		
53	113.6	55.5	166.7
89	43.7	24.4	73.2

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#78

4-Chlorotoluene

Concen: 19.564 ug/l

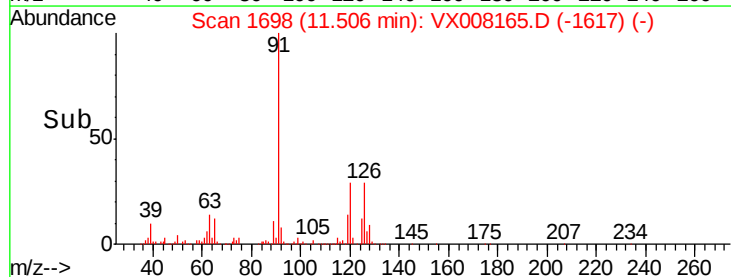
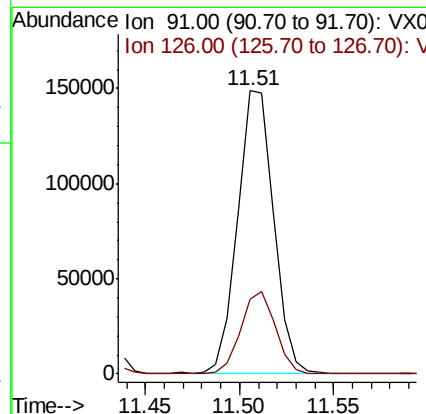
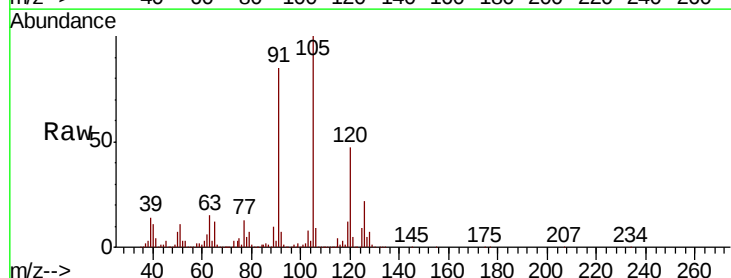
RT: 11.51 min Scan# 1698

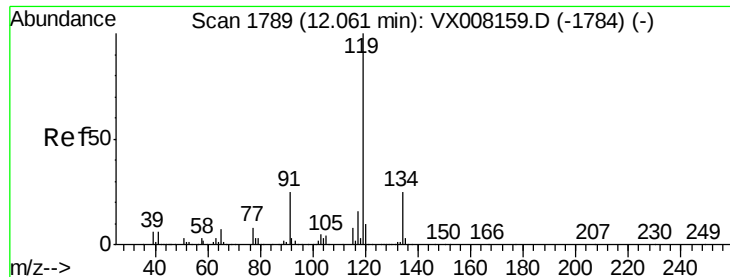
Delta R.T. -0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	91	Resp:	196526
Ion	Ratio	Lower	Upper
91	100		
126	28.1	0.0	66.2





#79

tert-butylbenzene

Concen: 19.895 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

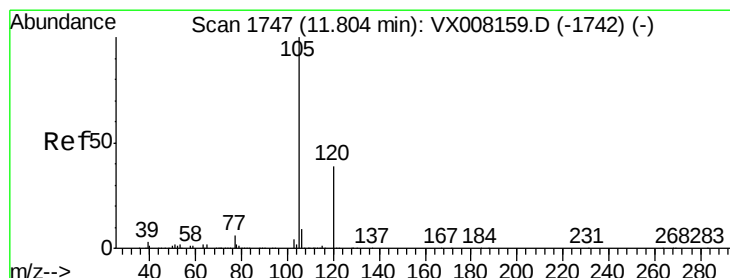
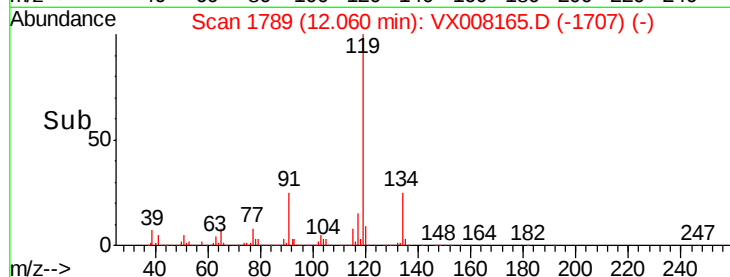
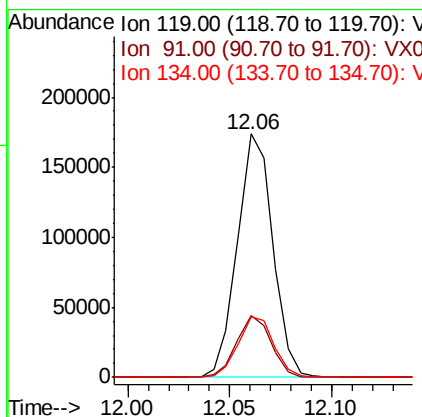
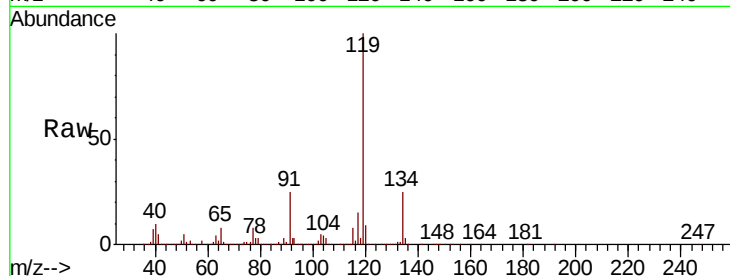
ClientSampleId :

ICVVX031819

Tot Ion:	119	Resp:	210056
Ion Ratio	Lower	Upper	
119	100		
91	24.4	0.0	45.0
134	25.2	0.0	55.4

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#80

1,2,4-Trimethylbenzene

Concen: 19.857 ug/l

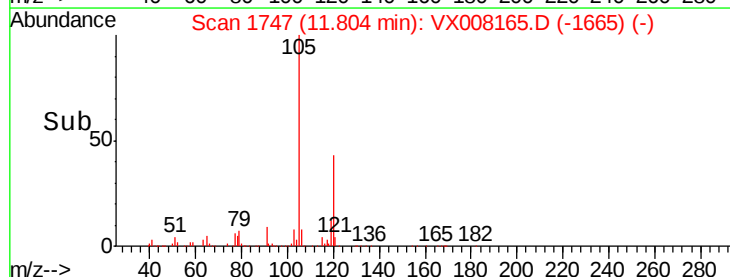
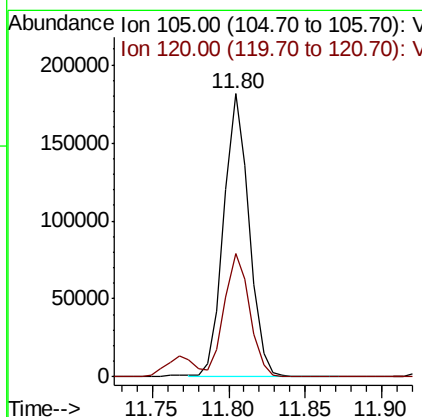
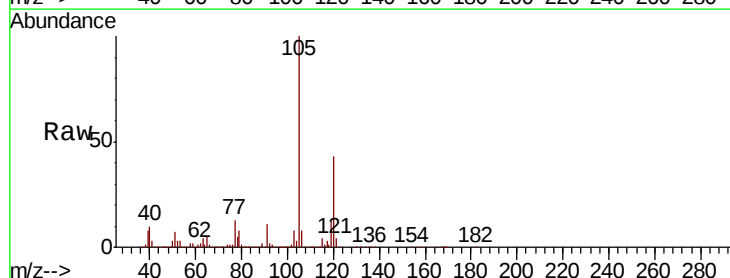
RT: 11.80 min Scan# 1747

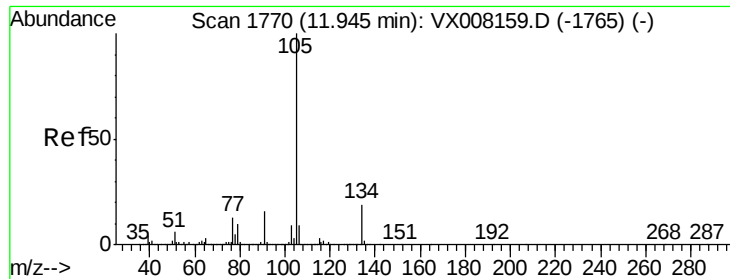
Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	105	Resp:	207810
Ion Ratio	Lower	Upper	
105	100		
120	43.1	0.0	94.0





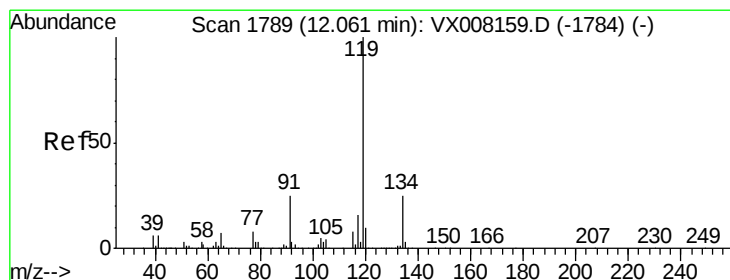
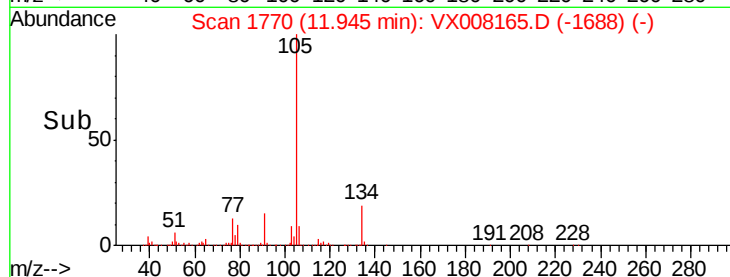
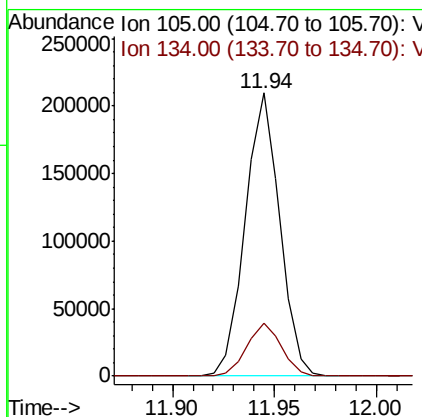
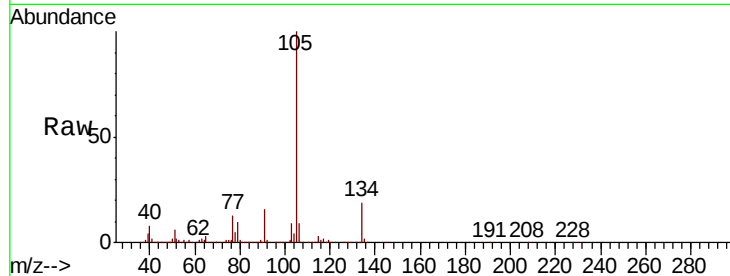
#81
 sec-Butylbenzene
 Concen: 19.899 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Resp	Lower	Upper
105	100	246391		
134	19.0	0.0	41.8	

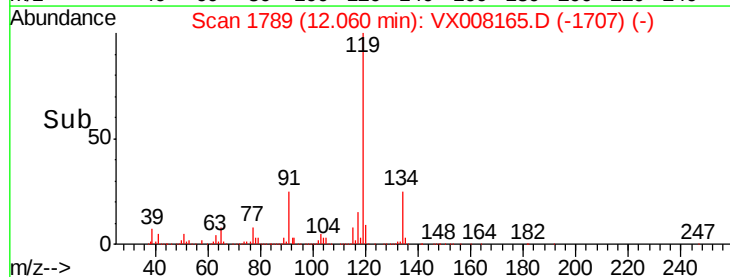
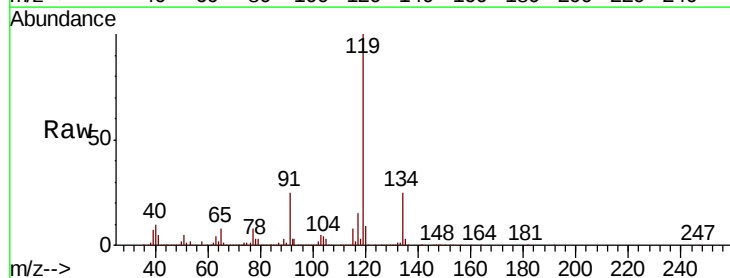
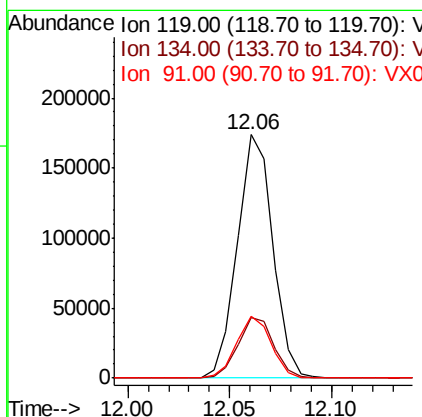
Manual Integrations
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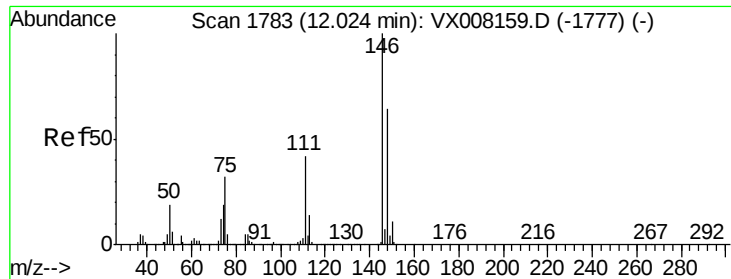
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#82
 p-Isopropyltoluene
 Concen: 19.895 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	210056		
134	25.2	0.0	55.4	
91	24.4	0.0	45.0	





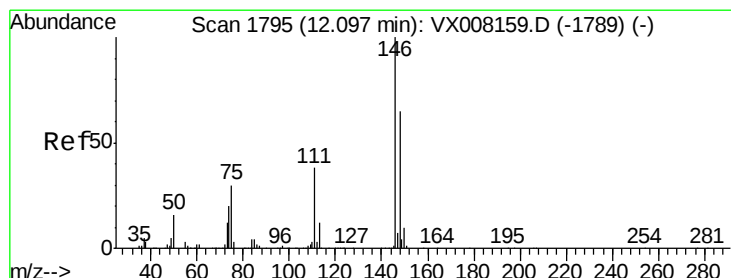
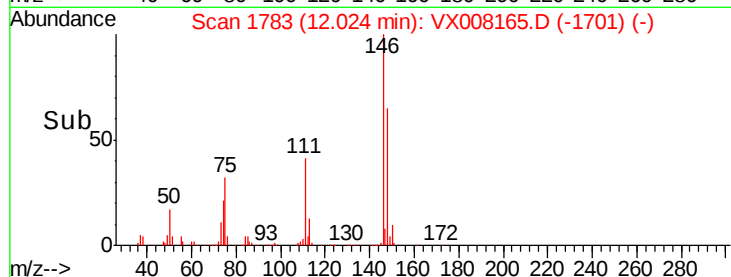
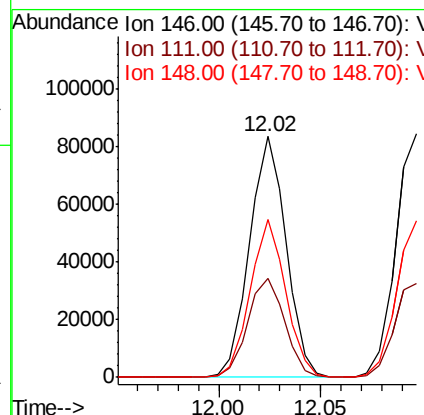
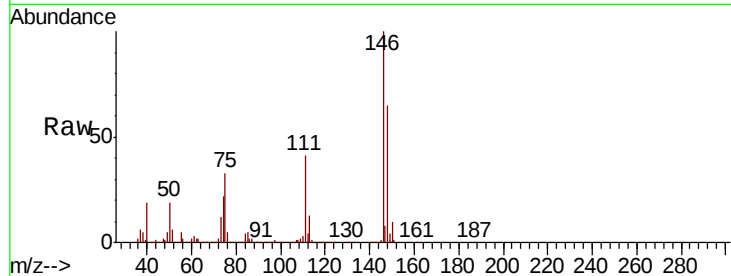
#83
 1,3-Dichlorobenzene
 Concen: 19.587 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.8	56.3
148	63.8	30.6	91.8

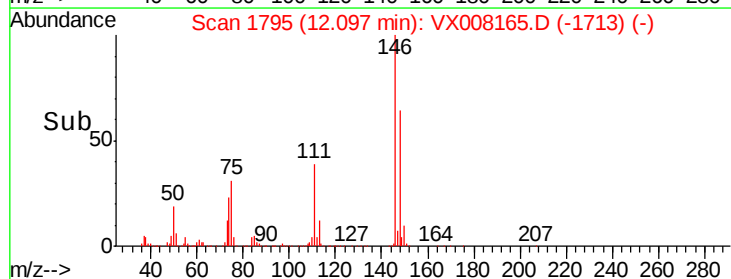
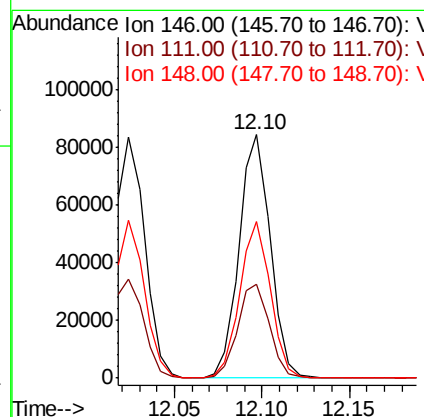
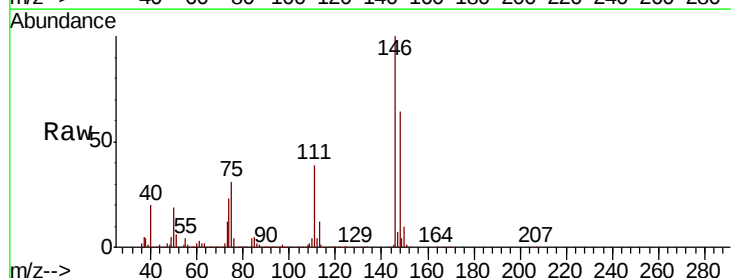
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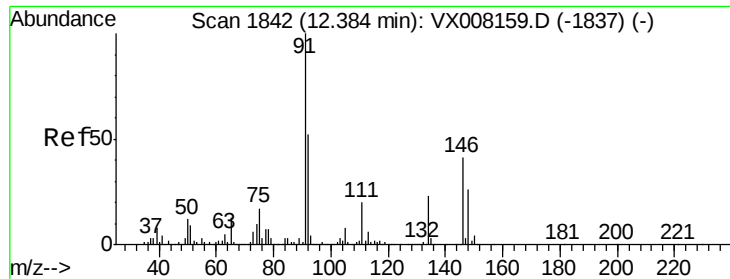
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#84
 1,4-Dichlorobenzene
 Concen: 19.894 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	17.6	52.8
148	63.1	31.4	94.2





#85

n-Butylbenzene

Concen: 19.303 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

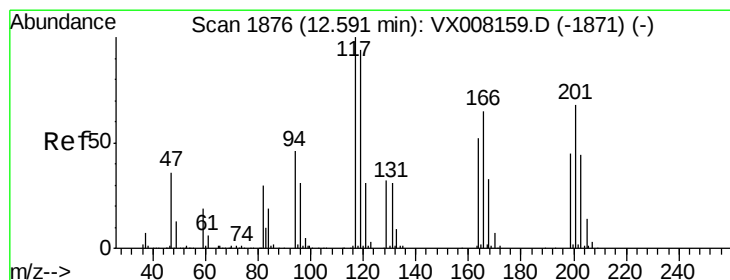
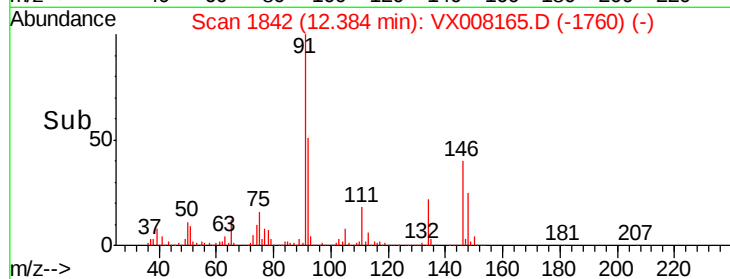
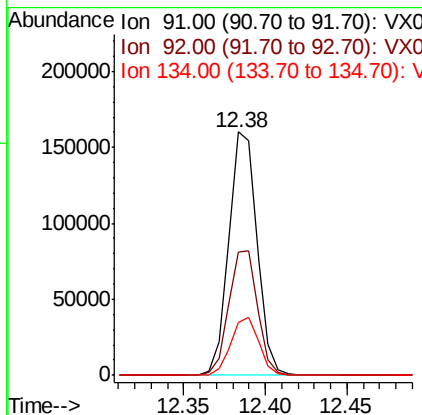
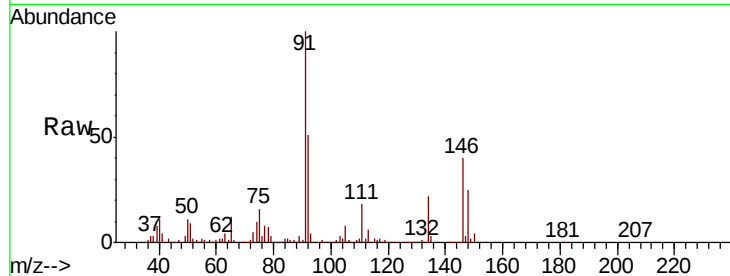
ClientSampleId :

ICVVX031819

Tot Ion:	91	Resp:	192168
Ion	Ratio	Lower	Upper
91	100		
92	52.2	0.0	105.2
134	23.7	0.0	56.4

Manual Integrations
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#86

Hexachloroethane

Concen: 19.172 ug/l

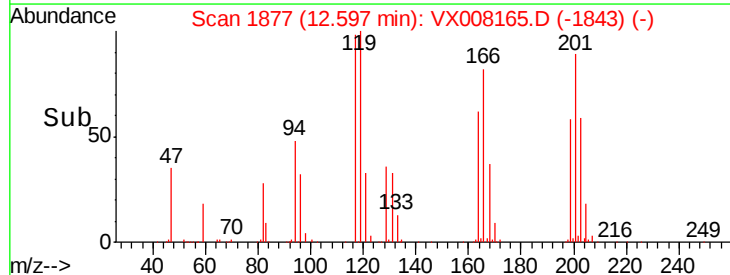
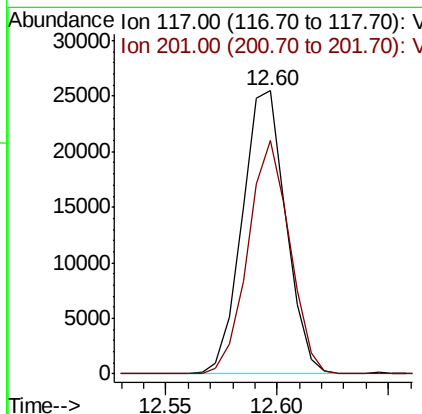
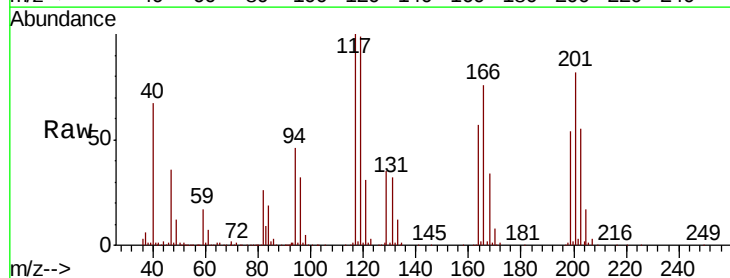
RT: 12.60 min Scan# 1877

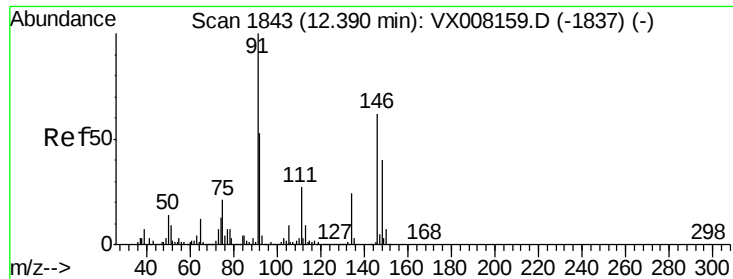
Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion:	117	Resp:	34698
Ion	Ratio	Lower	Upper
117	100		
201	79.2	41.1	123.3





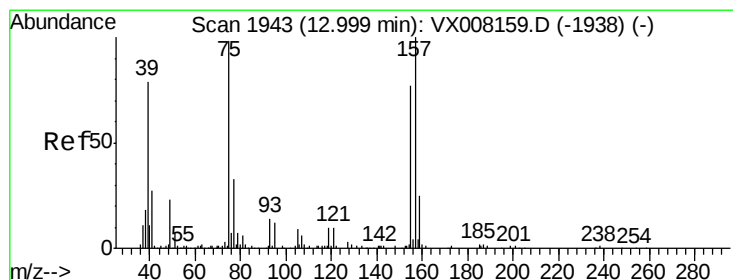
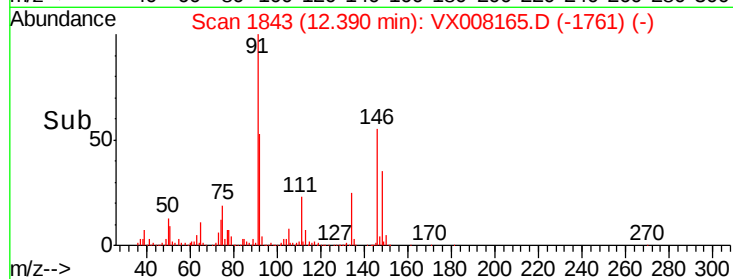
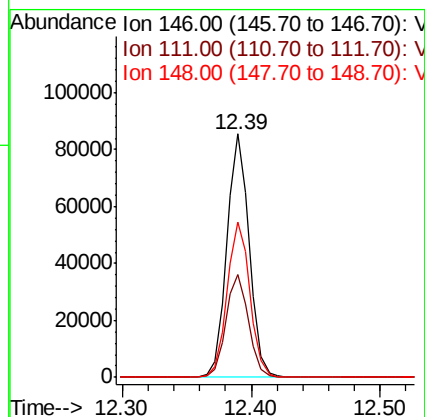
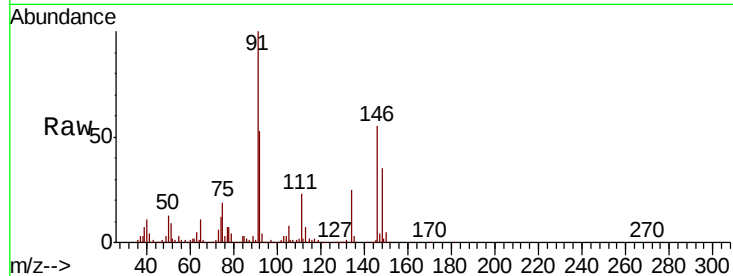
#87
 1,2-Dichlorobenzene
 Concen: 19.725 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.3	57.8
148	65.0	32.1	96.3

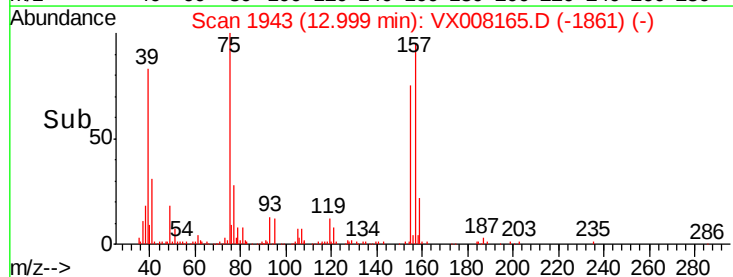
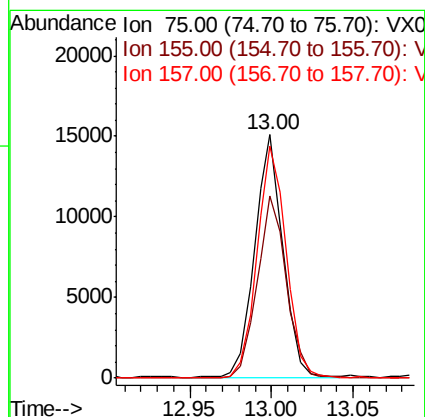
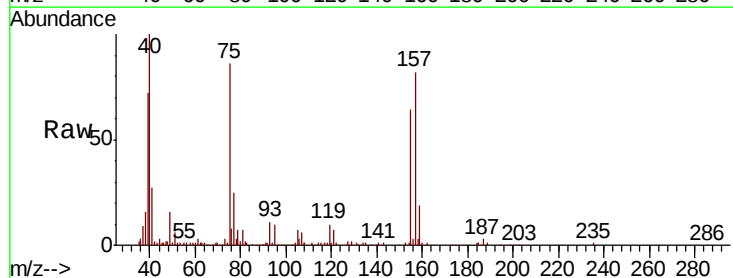
Manual Integrations
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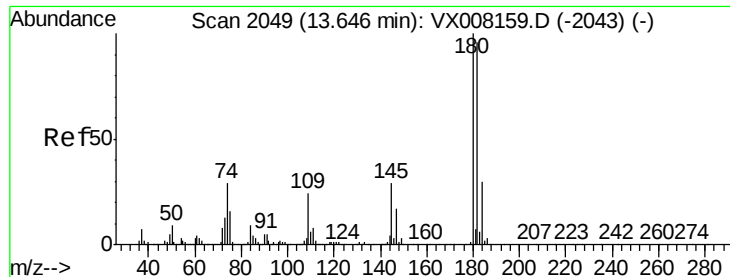
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.880 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.0	81.0	121.6#
157	97.0	103.2	154.8#





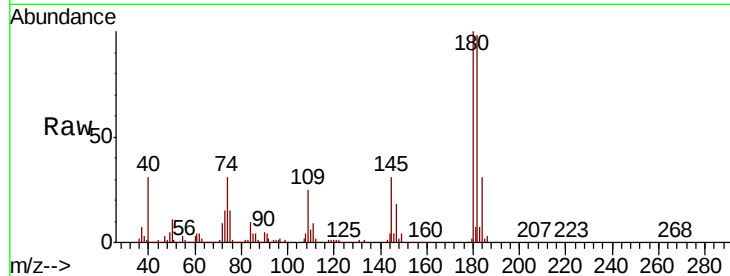
#89
 1,2,4-Trichlorobenzene
 Concen: 19.422 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Resp	Lower	Upper
180	100	67052		
182	94.5		75.6	113.4
145	31.4		23.0	34.6

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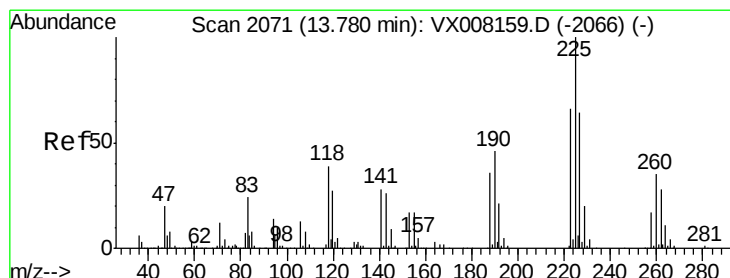
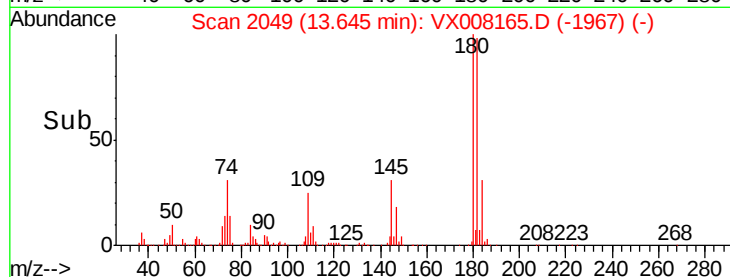
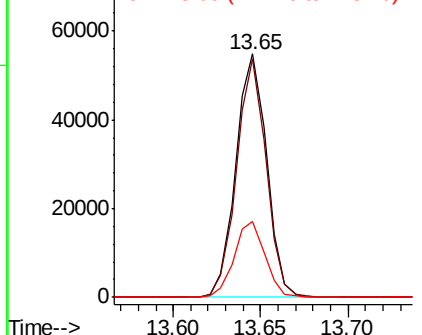


Abundance

Ion 180.00 (179.70 to 180.70): V

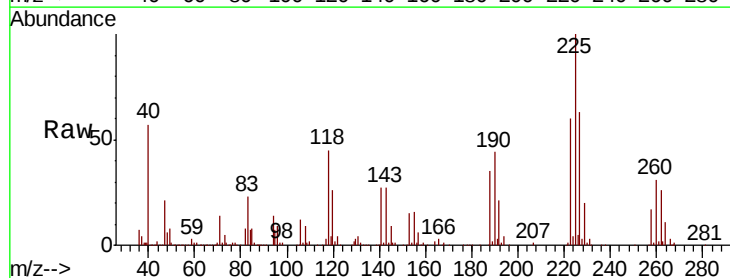
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 19.982 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35800		
223	63.0		0.0	123.8
227	64.1		0.0	124.4

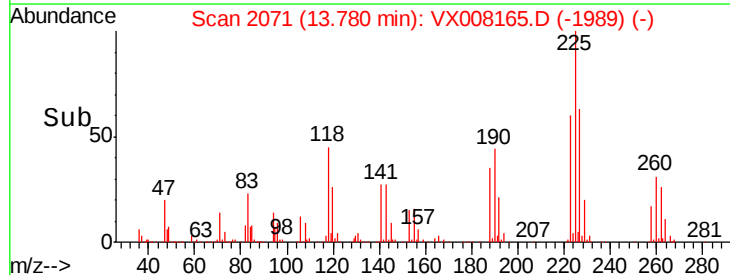
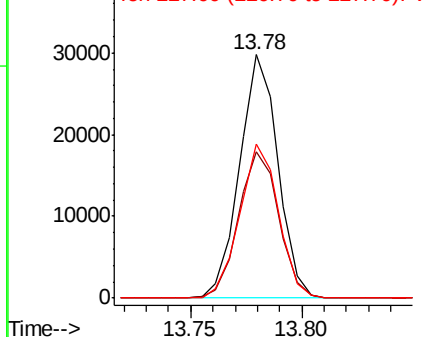


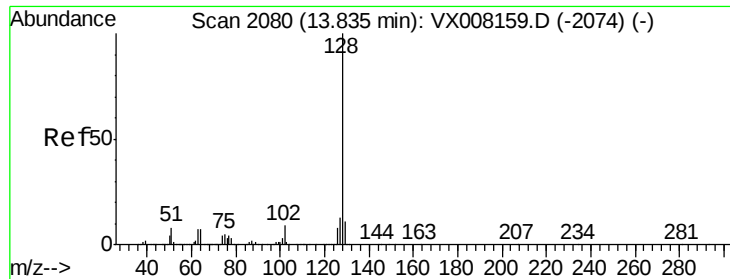
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





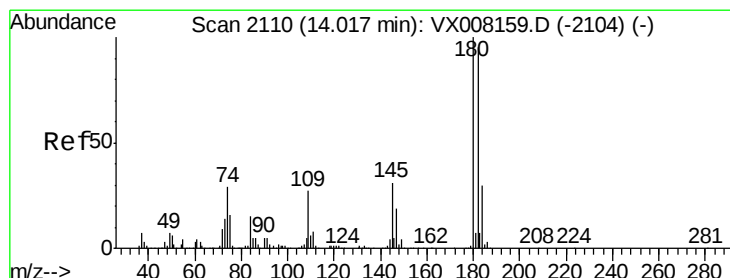
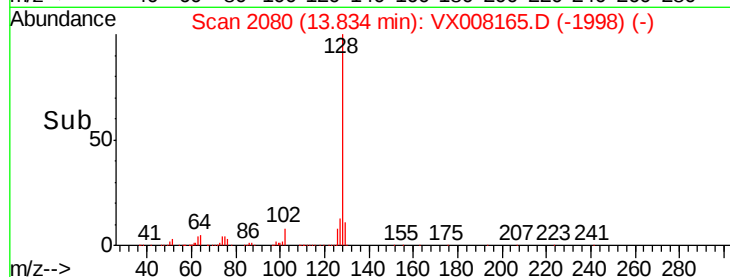
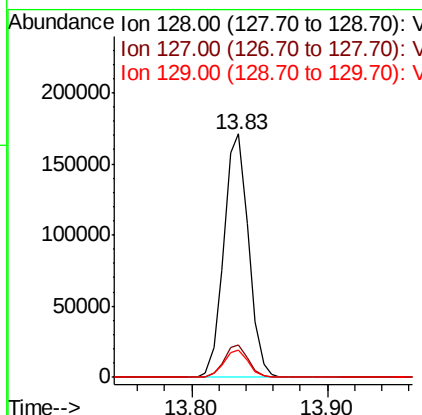
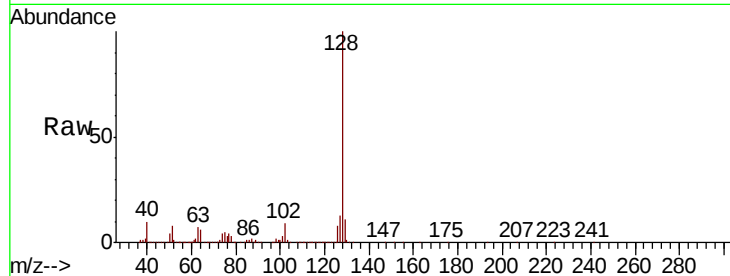
#91
Naphthalene
Concen: 19.283 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

Tot Ion	Ratio	Resp	Lower	Upper
128	100	215623		
127	13.2		10.5	15.7
129	11.1		8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.706 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67950		
182	94.9		0.0	193.0
145	31.6		0.0	63.0

