

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012669.D
 Acq On : 26 Sep 2019 13:13
 Operator : JC/SP
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 8:53:55 AM

Quant Time: Sep 27 00:20:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	190772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	339493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	139517	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.49	113	102861	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	390326	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	152187	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	42276	19.699	ug/l	96
3) Chloromethane	1.32	50	48778	19.793	ug/l	100
4) Vinyl Chloride	1.40	62	48267	19.705	ug/l	95
5) Bromomethane	1.63	94	22143	22.992	ug/l	94
6) Chloroethane	1.72	64	34232	20.730	ug/l	96
7) Trichlorofluoromethane	1.92	101	68224	19.838	ug/l	98
8) Diethyl Ether	2.18	74	28345	20.112	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41636	19.877	ug/l	97
10) Methyl Iodide	2.50	142	30420	17.373	ug/l	96
11) Tert butyl alcohol	3.03	59	71560	103.118	ug/l	100
12) 1,1-Dichloroethene	2.36	96	41248	20.110	ug/l	99
13) Acrolein	2.28	56	14409	45.980	ug/l	100
14) Allyl chloride	2.72	41	81439	20.012	ug/l	98
15) Acrylonitrile	3.13	53	142304	101.075	ug/l	98
16) Acetone	2.44	43	138333	94.011	ug/l	99
17) Carbon Disulfide	2.56	76	106801	18.573	ug/l	100
18) Methyl Acetate	2.76	43	68871	19.877	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	157712	20.314	ug/l	97
20) Methylene Chloride	2.85	84	47791	19.203	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	44032	19.377	ug/l	93
22) Diisopropyl ether	3.85	45	159382	20.269	ug/l	94
23) Vinyl Acetate	3.80	43	701246	101.693	ug/l	99
24) 1,1-Dichloroethane	3.69	63	86351	20.202	ug/l	98
25) 2-Butanone	4.66	43	208212	98.686	ug/l	98
26) 2,2-Dichloropropane	4.57	77	71437	18.792	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	51922	19.692	ug/l	96
28) Bromochloromethane	5.00	49	34647	22.324	ug/l	98
29) Tetrahydrofuran	5.12	42	129915	101.025	ug/l	98
30) Chloroform	5.20	83	86034	19.674	ug/l	100
31) Cyclohexane	5.58	56	77857	20.135	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	76621	19.770	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62332	19.048	ug/l	98
37) Ethyl Acetate	4.82	43	76989	20.124	ug/l	99
38) Carbon Tetrachloride	5.78	117	64118	19.289	ug/l	97

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Manual Integrations
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MMDadoda
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Quant Time: Sep 27 00:20:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76336	19.377	ug/l	98
40) Benzene	6.14	78	189895	19.723	ug/l	97
41) Methacrylonitrile	5.03	41	42767	19.924	ug/l	97
42) 1,2-Dichloroethane	6.18	62	73105	19.995	ug/l	99
43) Isopropyl Acetate	6.43	43	127018	19.853	ug/l	99
44) Trichloroethene	7.21	130	45932	18.661	ug/l	84
45) 1,2-Dichloropropane	7.51	63	48643	19.733	ug/l	97
46) Dibromomethane	7.65	93	32672	19.467	ug/l	96
47) Bromodichloromethane	7.89	83	65027	19.386	ug/l	99
48) Methyl methacrylate	7.76	41	59735	19.472	ug/l	95
49) 1,4-Dioxane	7.73	88	28212	405.455	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	392007	99.261	ug/l	98
52) Toluene	8.78	92	119759	19.790	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	72383	19.503	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	79754	19.682	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	48021	19.960	ug/l	98
56) Ethyl methacrylate	9.17	69	79055	19.559	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84722	20.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	192702	106.214	ug/l	97
59) 2-Hexanone	9.49	43	301972	99.894	ug/l	97
60) Dibromochloromethane	9.58	129	47595	19.543	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50004	19.971	ug/l	99
64) Tetrachloroethene	9.33	164	41673	19.820	ug/l	96
65) Chlorobenzene	10.14	112	124835	19.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	45456	19.756	ug/l	97
67) Ethyl Benzene	10.25	91	230839	20.042	ug/l	99
68) m/p-Xylenes	10.35	106	167901	38.915	ug/l	96
69) o-Xylene	10.70	106	82738	19.818	ug/l	96
70) Styrene	10.71	104	139820	19.978	ug/l	100
71) Bromoform	10.85	173	29997	18.724	ug/l #	100
73) Isopropylbenzene	11.01	105	220730	20.241	ug/l	99
74) N-amyl acetate	10.89	43	104610	20.107	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	74760	20.700	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72098m	20.356	ug/l	
77) Bromobenzene	11.25	156	49781	20.169	ug/l	94
78) n-propylbenzene	11.35	91	247148	20.130	ug/l	99
79) 2-Chlorotoluene	11.42	91	153477	20.039	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	188357	20.597	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22547	18.243	ug/l	98
82) 4-Chlorotoluene	11.51	91	175955	20.153	ug/l	98
83) tert-Butylbenzene	11.77	119	178295	20.211	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	186259	20.190	ug/l	99
85) sec-Butylbenzene	11.94	105	208705	20.341	ug/l	100
86) p-Isopropyltoluene	12.06	119	190580	20.585	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	87373	19.671	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	89066	19.844	ug/l	97
89) n-Butylbenzene	12.38	91	159306	19.527	ug/l	99
90) Hexachloroethane	12.59	117	30952	18.752	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	88101	19.812	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18118	20.054	ug/l	94

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ClientSampleId :
VX0926WBS01

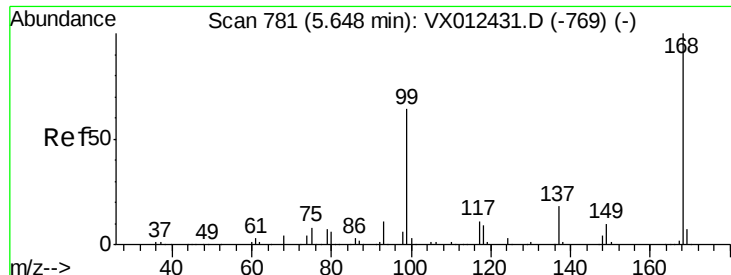
Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:53:55 AM

Quant Time: Sep 27 00:20:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	52321	19.293	ug/l	99
94) Hexachlorobutadiene	13.78	225	23059	19.765	ug/l	96
95) Naphthalene	13.83	128	202264	20.614	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54814	20.177	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion:168 Resp: 190772

Ion Ratio Lower Upper

168 100

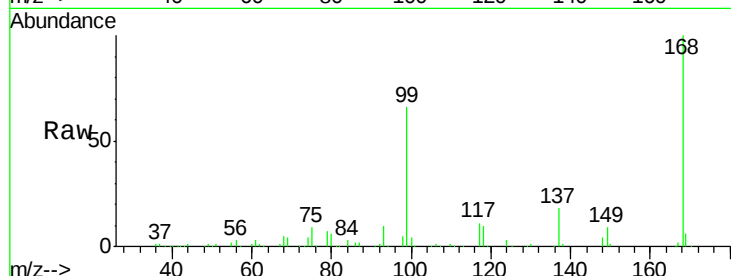
99 65.9 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

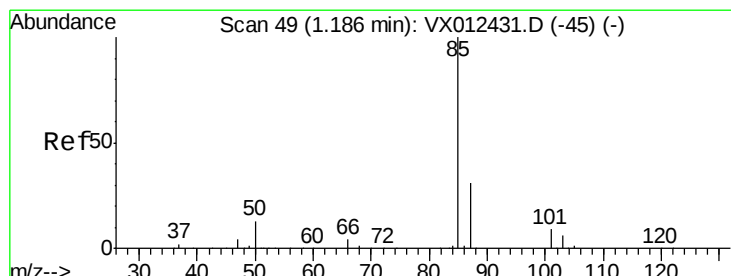
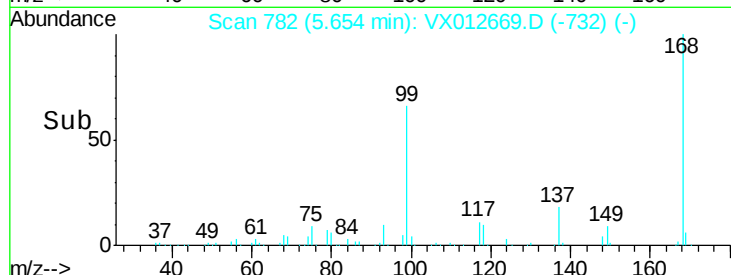
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.699 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012669.D

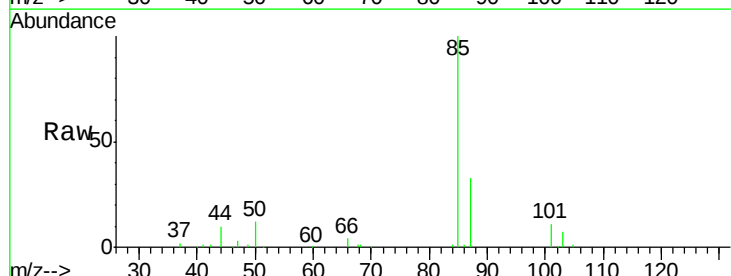
Acq: 26 Sep 2019 13:13

Tgt Ion: 85 Resp: 42276

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

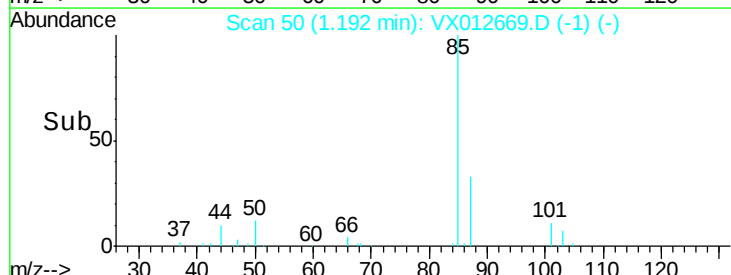
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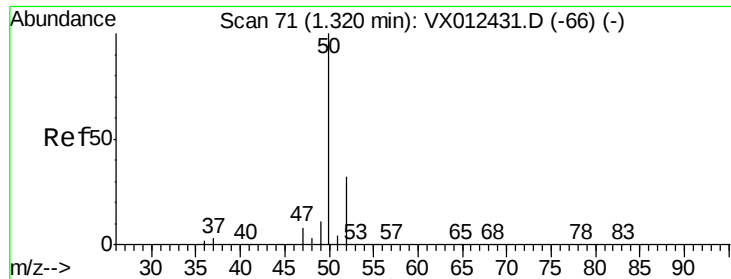
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.793 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 50 Resp: 48778

Ion Ratio Lower Upper

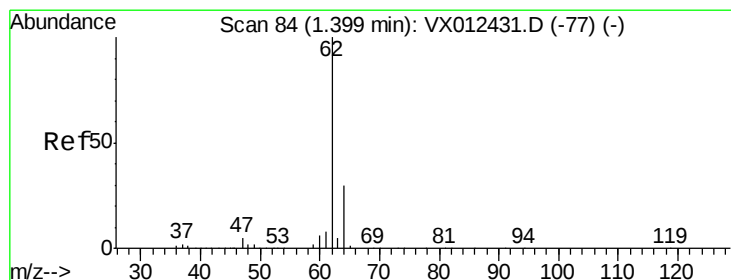
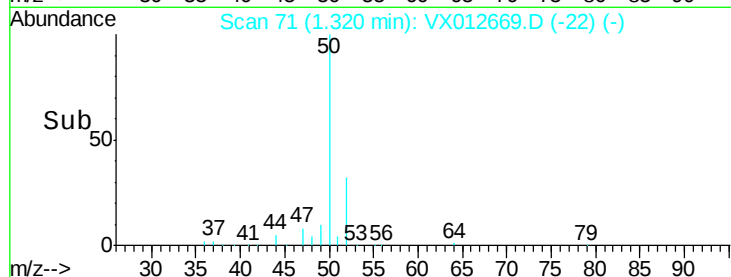
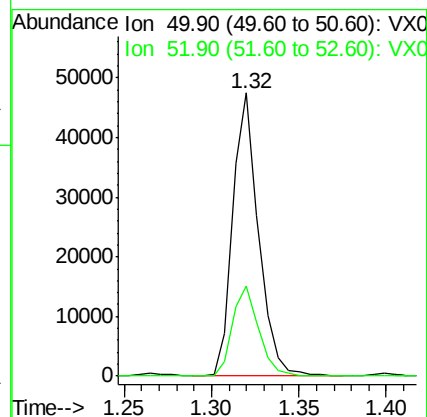
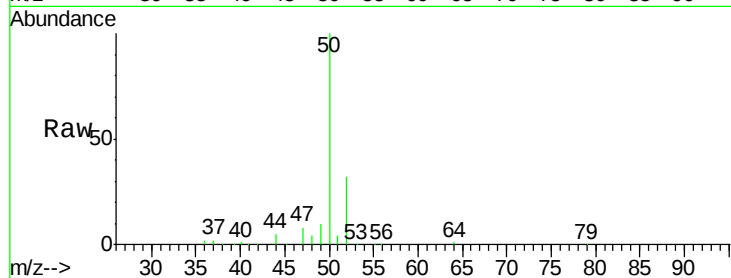
50 100

52 31.8 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.705 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012669.D

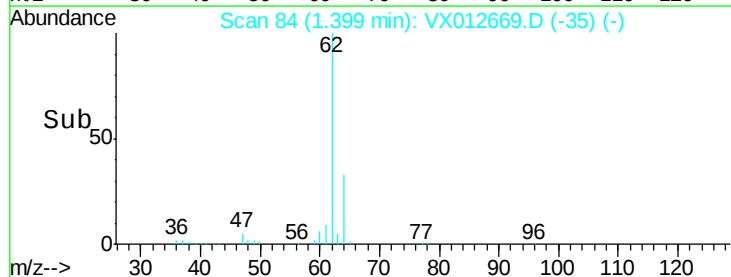
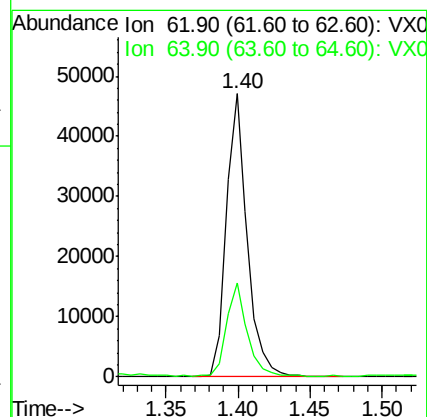
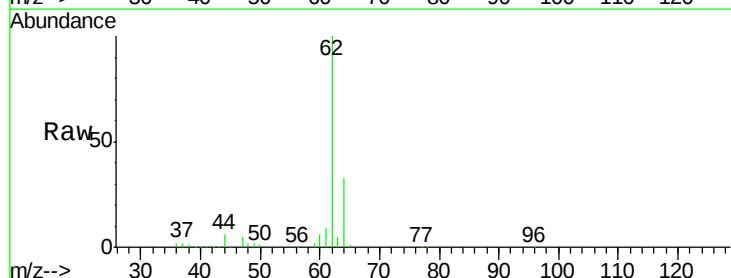
Acq: 26 Sep 2019 13:13

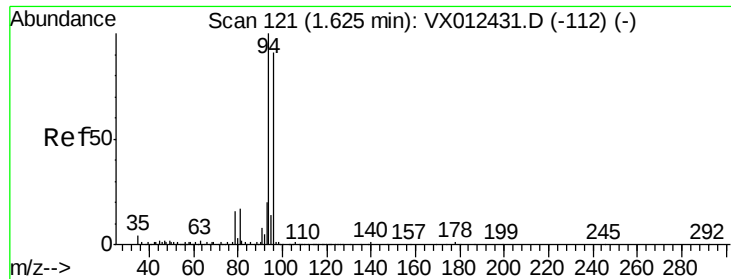
Tgt Ion: 62 Resp: 48267

Ion Ratio Lower Upper

62 100

64 33.0 24.2 36.2





#5

Bromomethane

Concen: 22.992 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 94 Resp: 22143

Ion Ratio Lower Upper

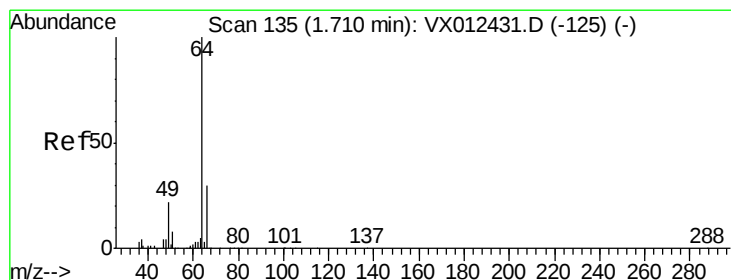
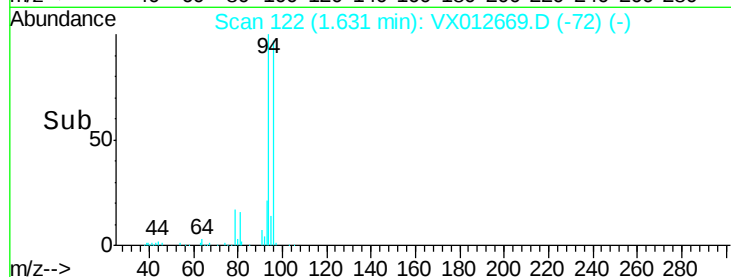
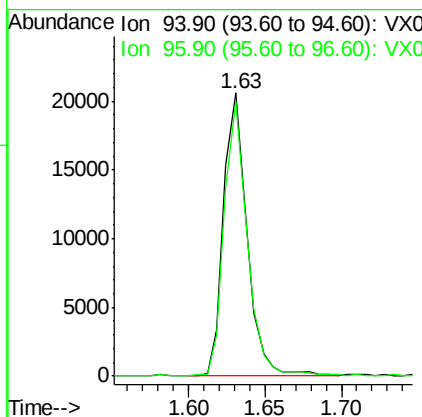
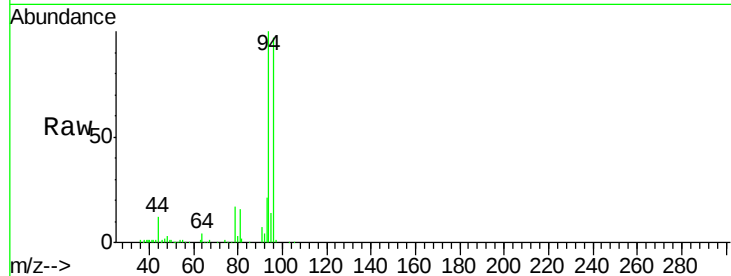
94 100

96 97.1 72.8 109.2

Manual Integrations
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#6

Chloroethane

Concen: 20.730 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012669.D

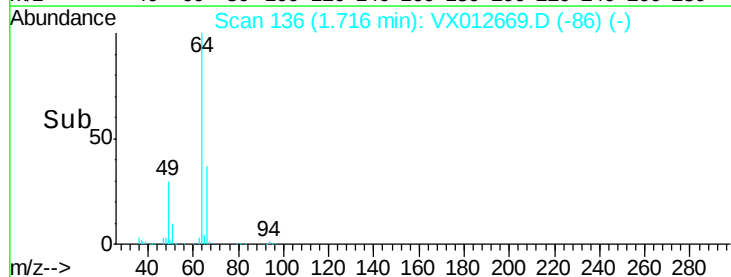
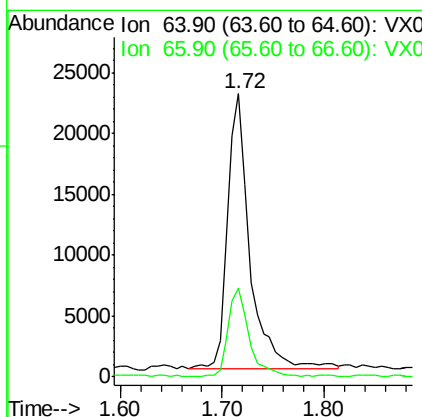
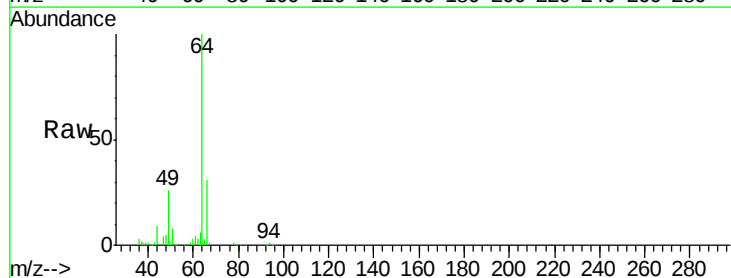
Acq: 26 Sep 2019 13:13

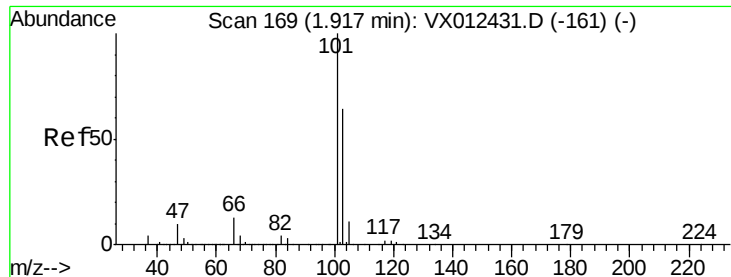
Tgt Ion: 64 Resp: 34232

Ion Ratio Lower Upper

64 100

66 32.1 24.0 36.0





#7

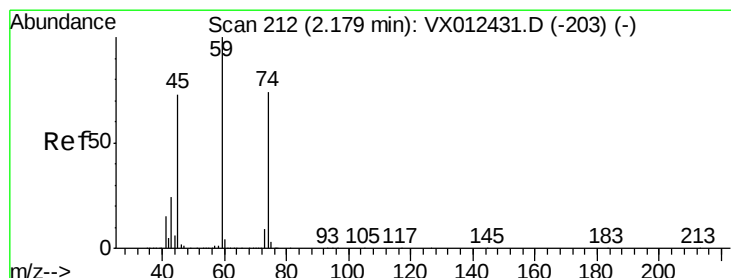
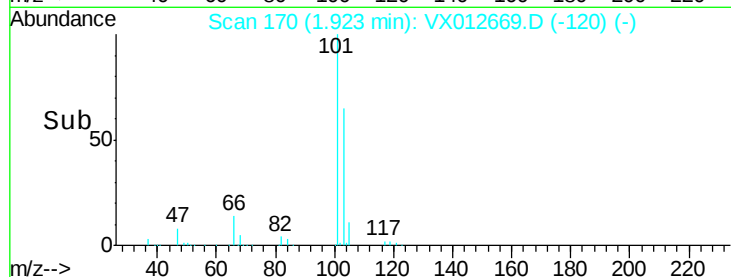
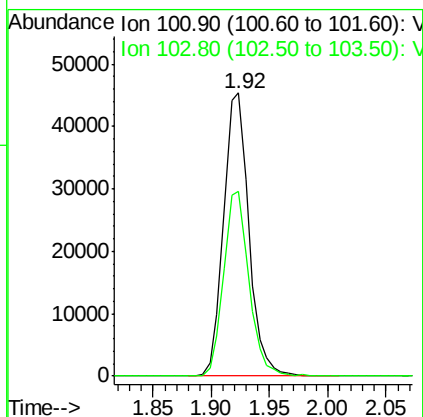
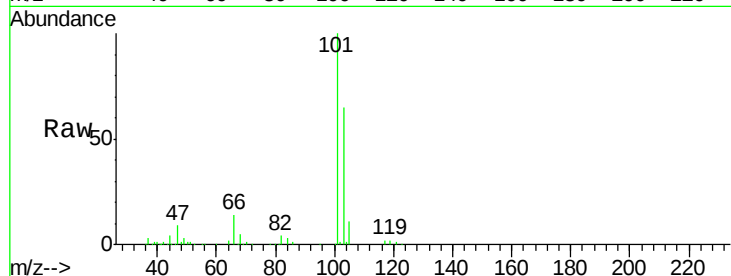
Trichlorofluoromethane
 Concen: 19.838 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		68224		
103	65.3		51.0	76.4	

Manual Integrations
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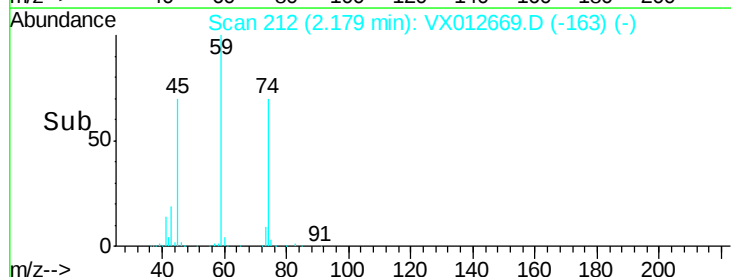
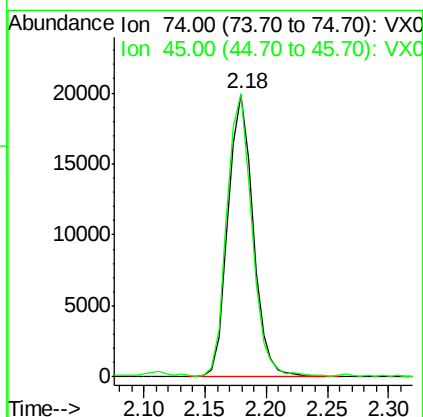
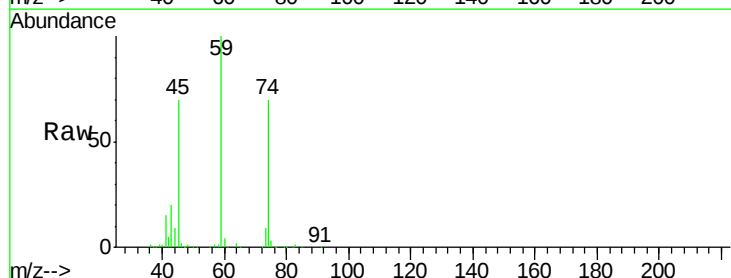
MMDadoda
 9/27/2019 8:53:55 AM

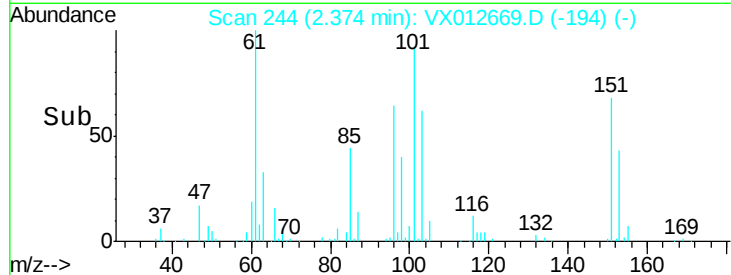
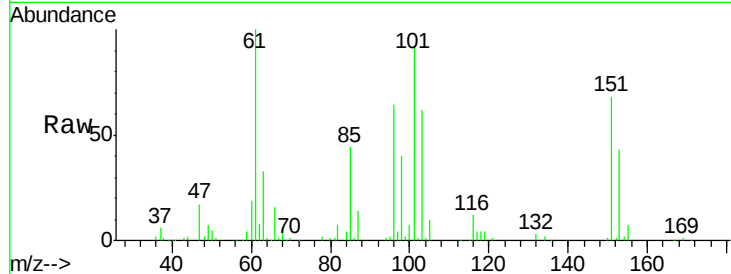
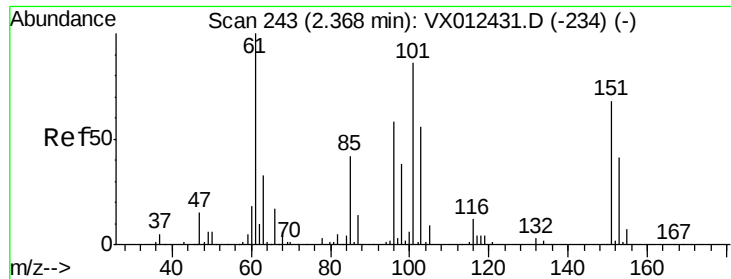


#8

Diethyl Ether
 Concen: 20.112 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		28345		
45	99.6		49.9	149.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.877 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012669.D

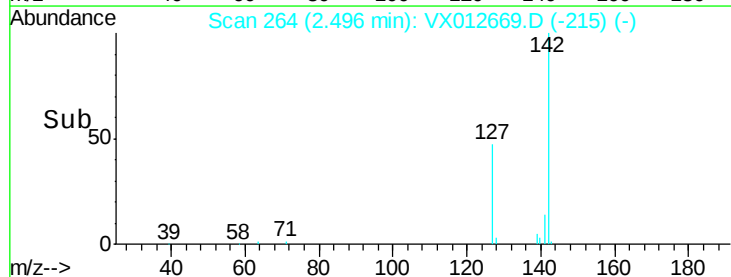
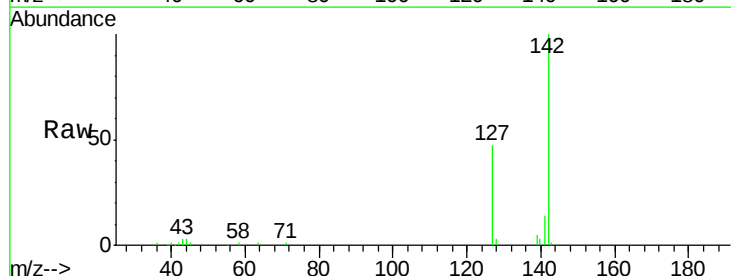
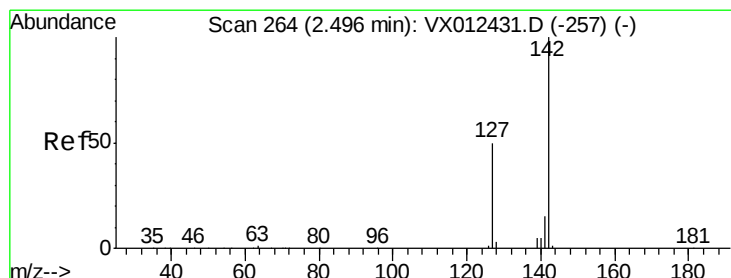
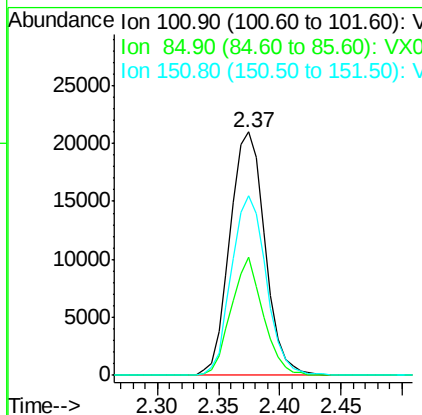
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	41636		
85	44.3	37.3	55.9	
151	73.4	61.0	91.4	

Manual Integrations
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#10

Methyl Iodide

Concen: 17.373 ug/l

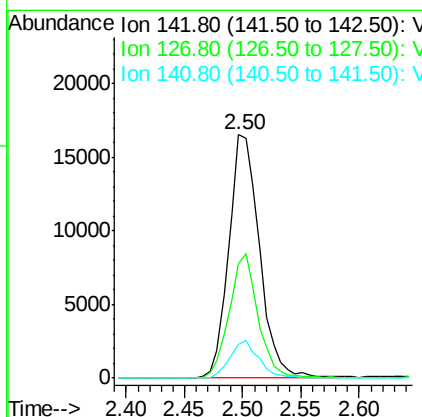
RT: 2.50 min Scan# 264

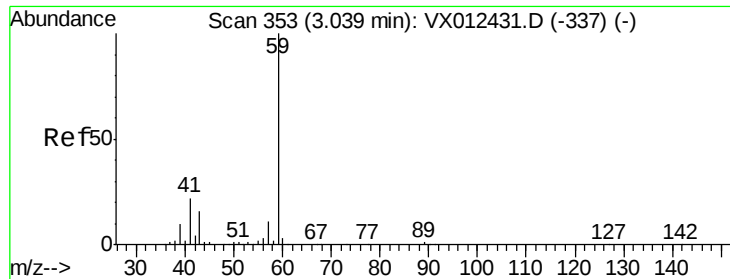
Delta R.T. 0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	30420		
127	47.8	40.8	61.2	
141	14.6	12.1	18.1	





#11

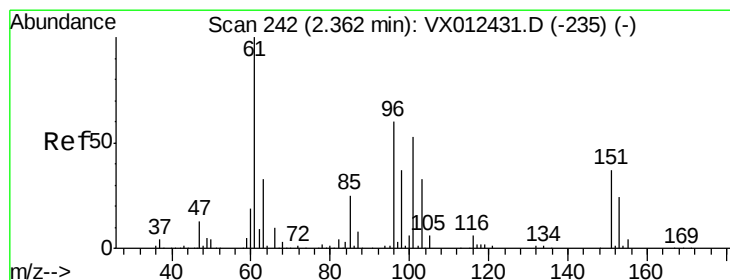
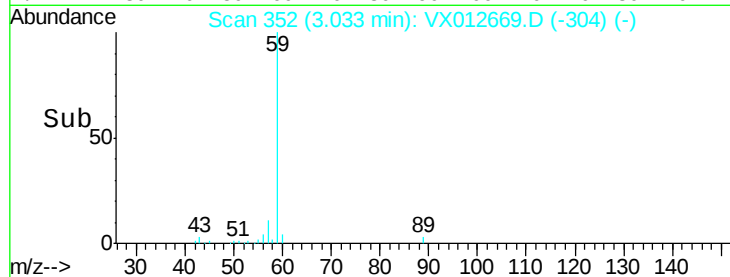
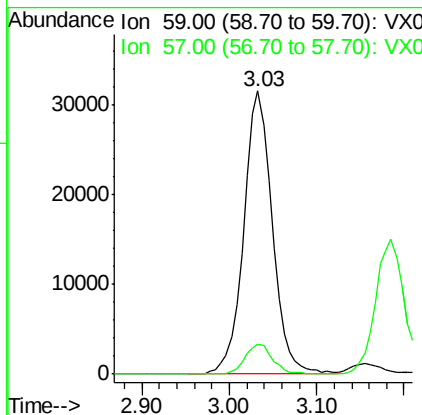
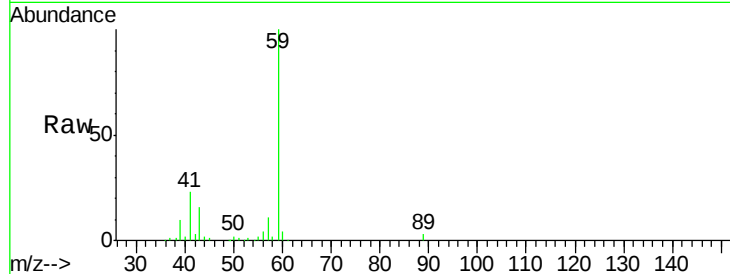
Tert butyl alcohol
 Concen: 103.118 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	59	Resp	71560
Ion Ratio	100	Lower	Upper
57	10.3	8.3	12.5

Manual Integrations
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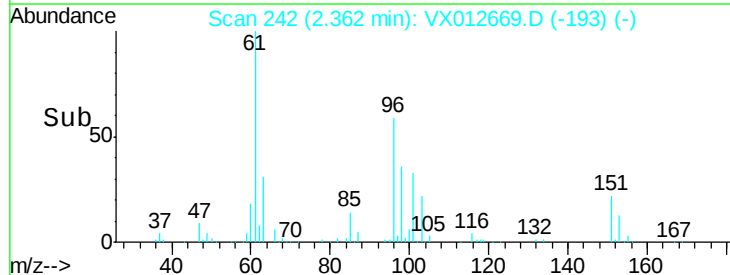
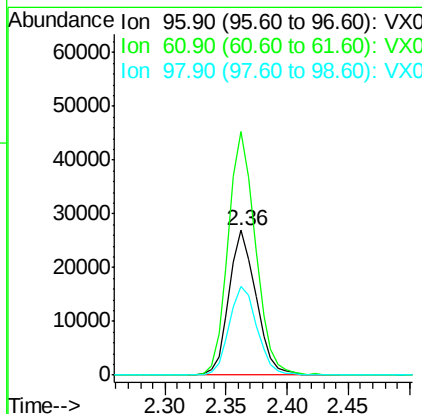
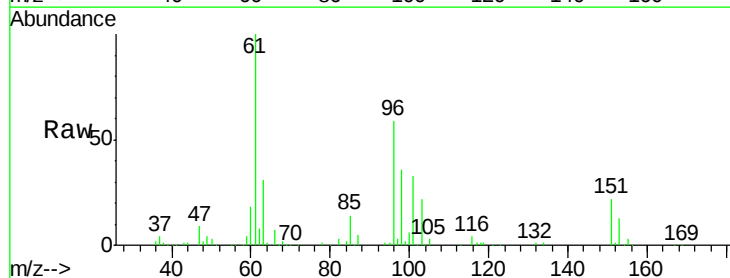
MMDadoda
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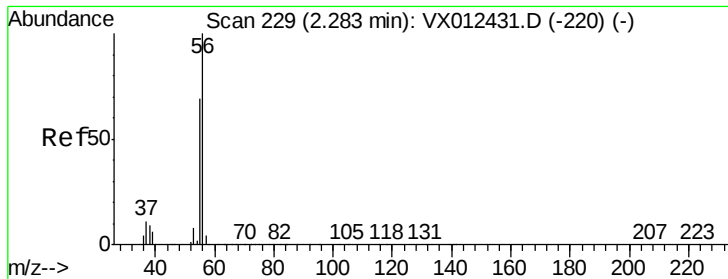


#12

1,1-Dichloroethene
 Concen: 20.110 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion	96	Resp	41248
Ion Ratio	100	Lower	Upper
61	168.4	133.8	200.6
98	61.4	49.9	74.9





#13

Acrolein

Concen: 45.980 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 56 Resp: 14409

Ion Ratio Lower Upper

56 100

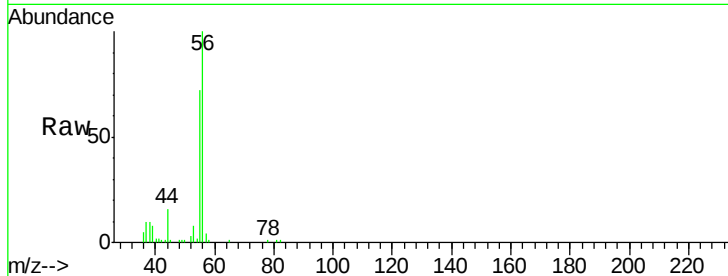
55 70.0 55.8 83.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

10000

8000

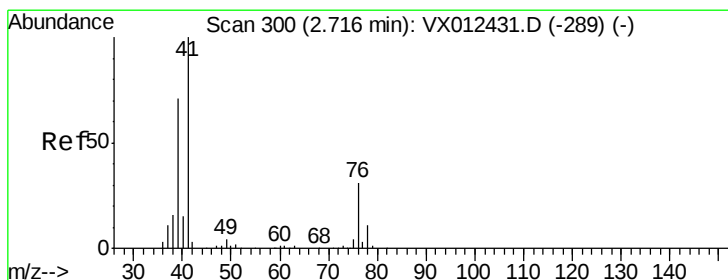
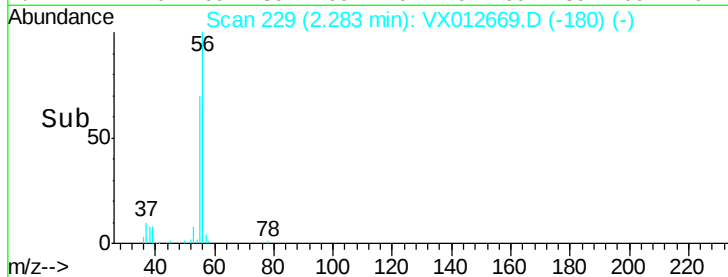
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 20.012 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

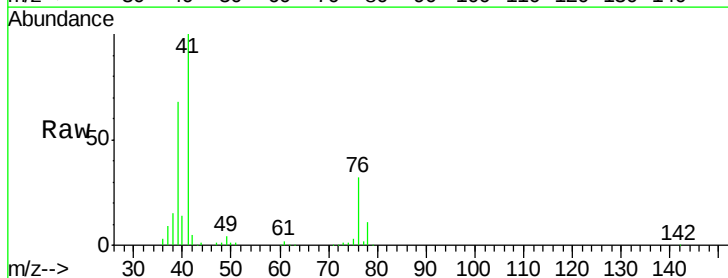
Tgt Ion: 41 Resp: 81439

Ion Ratio Lower Upper

41 100

39 65.1 51.3 76.9

76 30.5 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

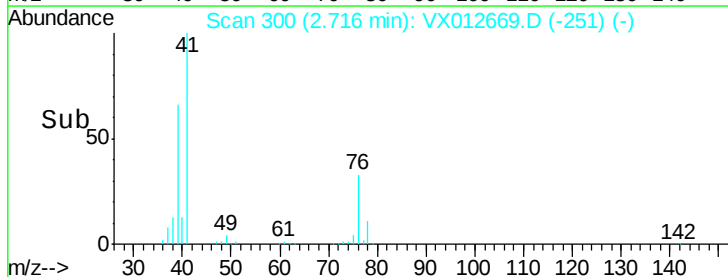
60000

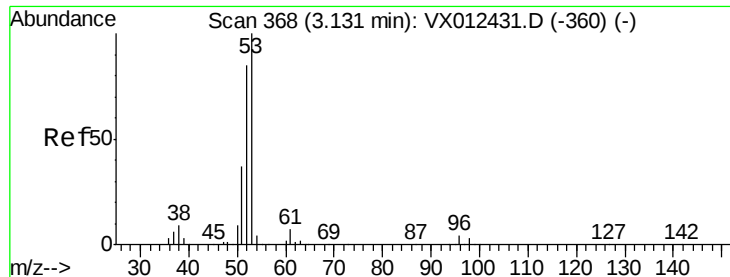
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 101.075 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

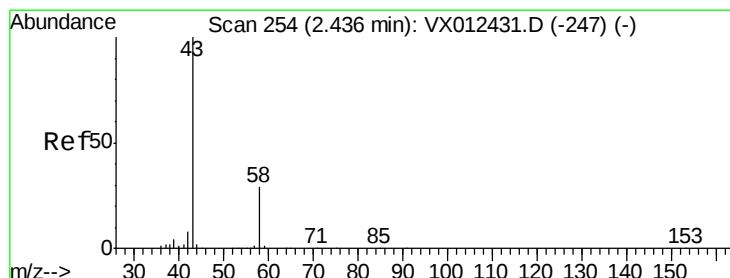
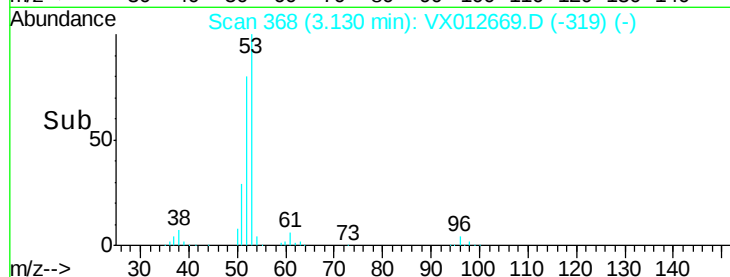
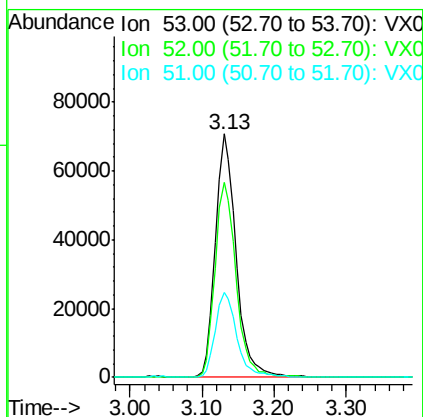
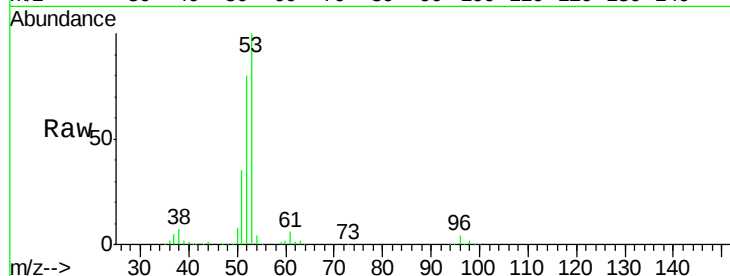
ClientSampleId :

VX0926WBS01

Tot Ion:	53	Resp:	142304
Ion	Ratio	Lower	Upper
53	100		
52	81.2	67.0	100.4
51	36.1	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 94.011 ug/l

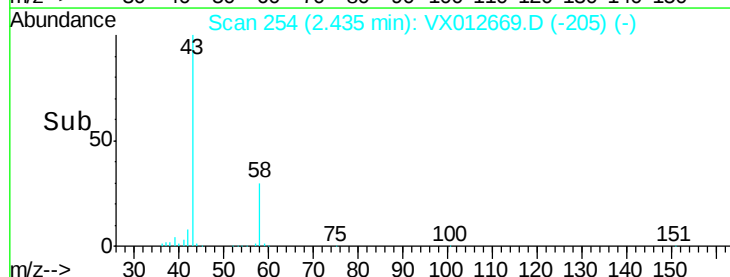
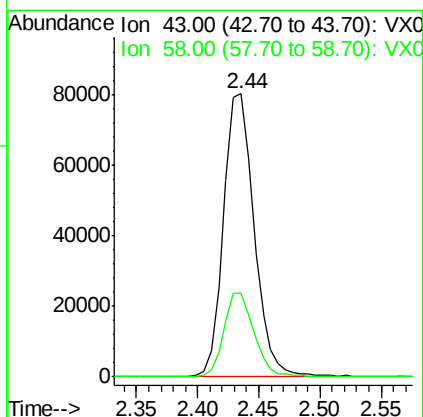
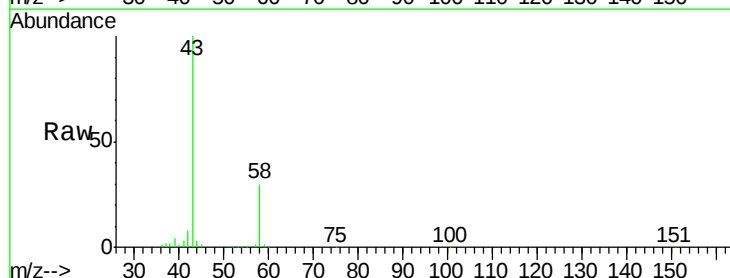
RT: 2.44 min Scan# 254

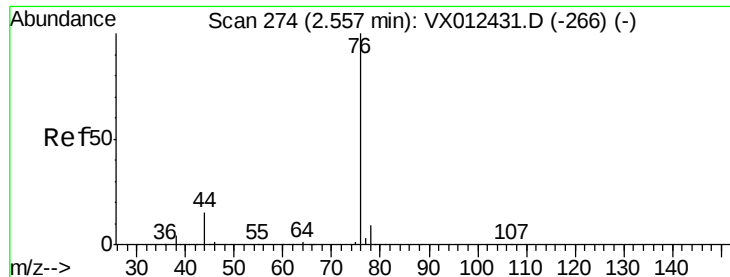
Delta R.T. 0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion:	43	Resp:	138333
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.3	34.9





#17

Carbon Disulfide

Concen: 18.573 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 76 Resp: 106801

Ion Ratio Lower Upper

76 100

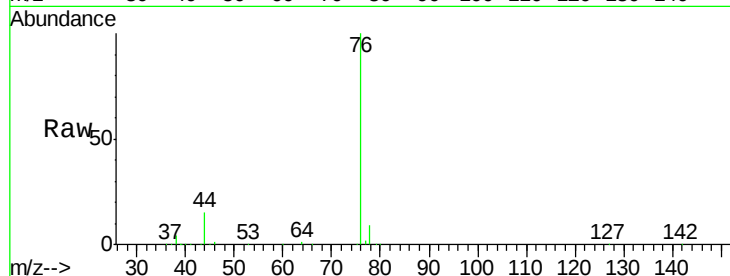
78 9.1 7.3 10.9

Manual Integrations

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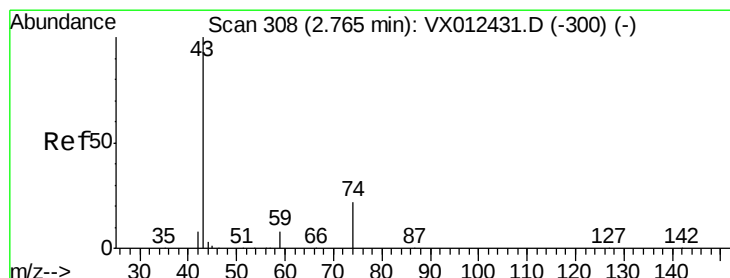
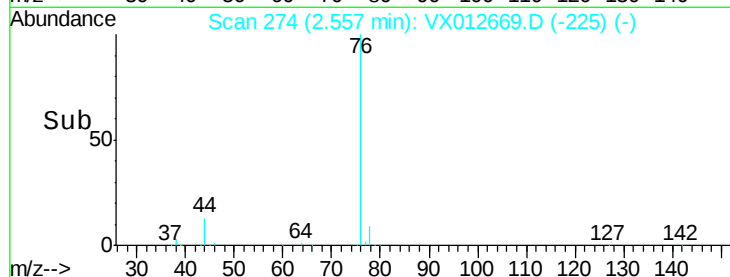
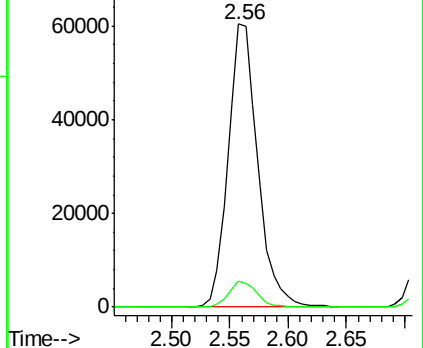
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.877 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012669.D

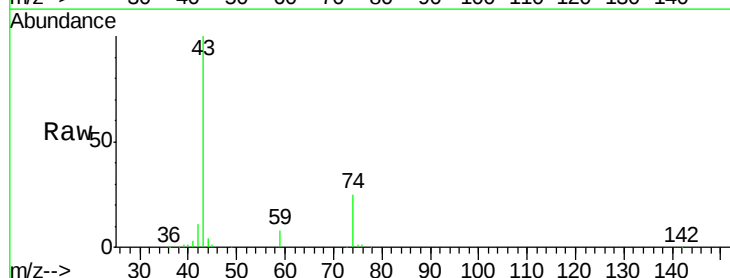
Acq: 26 Sep 2019 13:13

Tgt Ion: 43 Resp: 68871

Ion Ratio Lower Upper

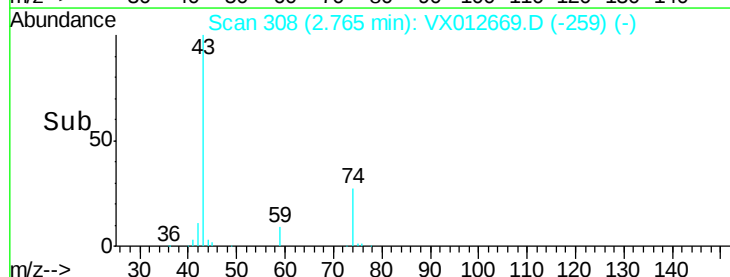
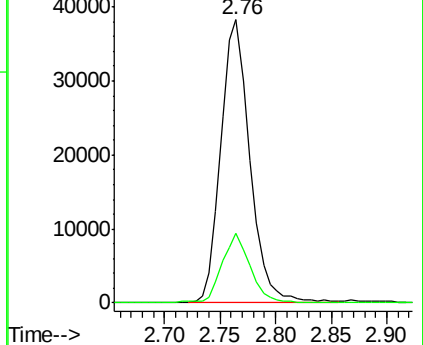
43 100

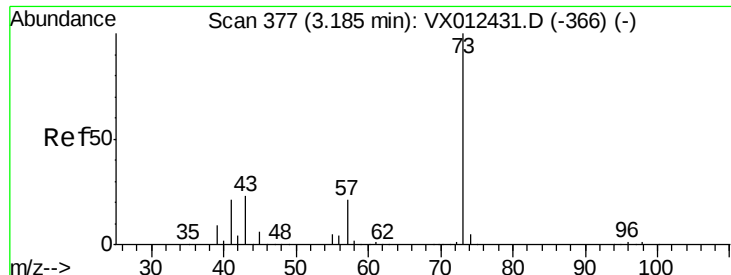
74 24.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





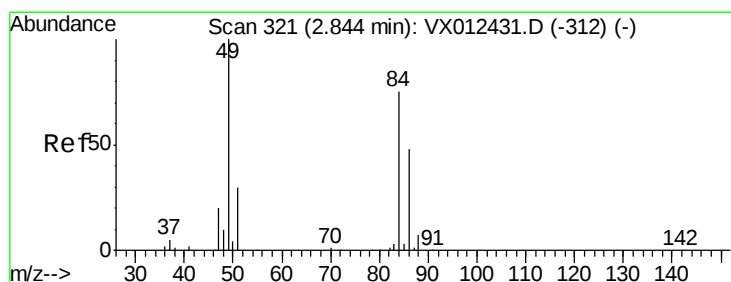
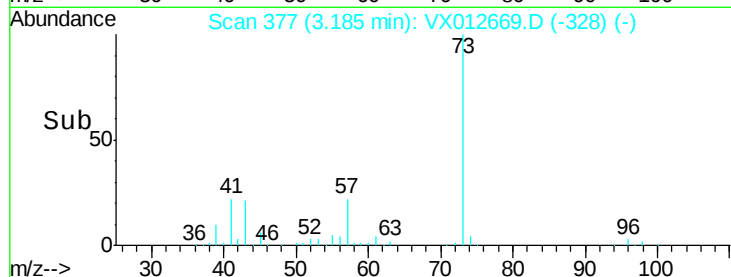
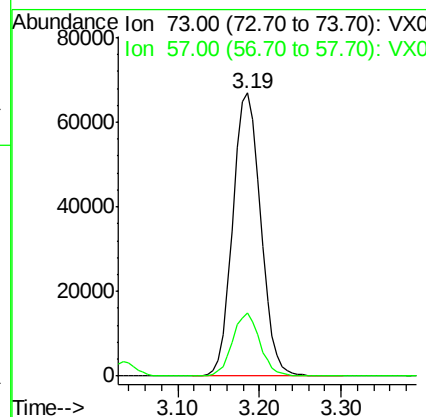
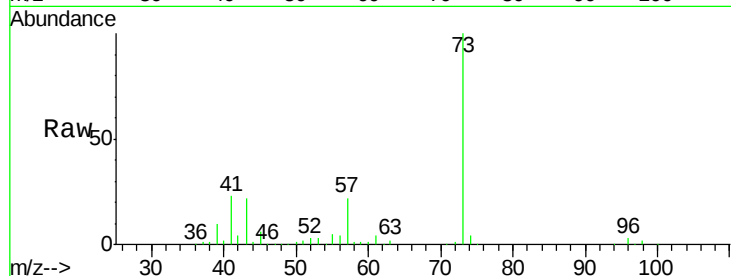
#19
Methyl tert-butyl Ether
Concen: 20.314 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 73 Resp: 157712
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

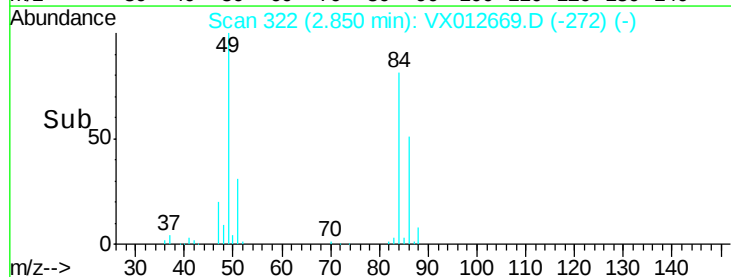
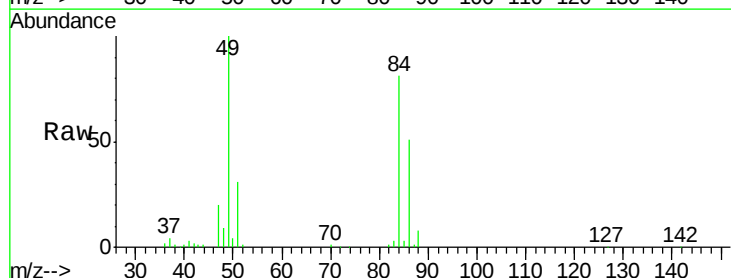
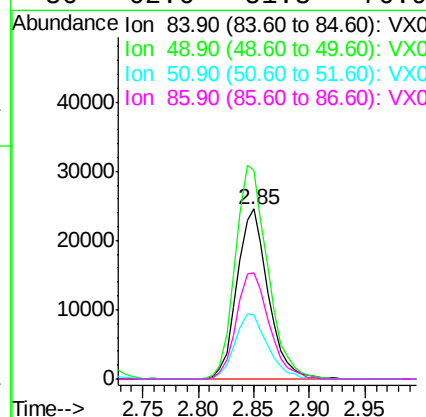
Manual Integrations
APPROVED

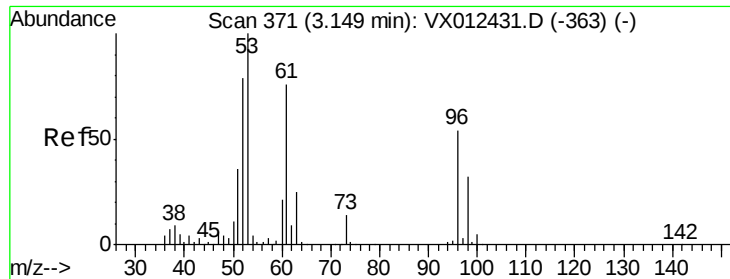
MMDadoda
9/27/2019 8:53:55 AM



#20
Methylene Chloride
Concen: 19.203 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion: 84 Resp: 47791
Ion Ratio Lower Upper
84 100
49 122.6 106.8 160.2
51 37.5 32.3 48.5
86 62.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.377 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 96 Resp: 44032

Ion Ratio Lower Upper

96 100

61 146.9 112.0 168.0

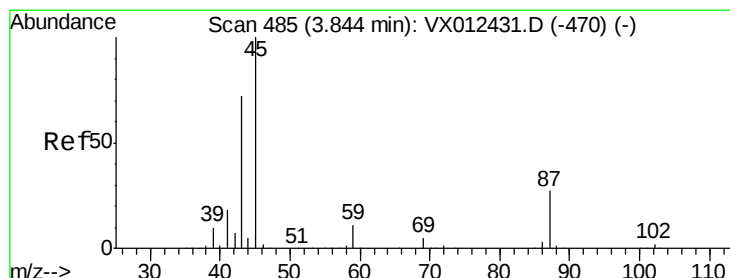
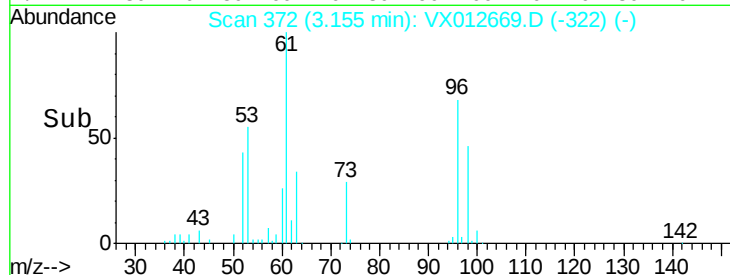
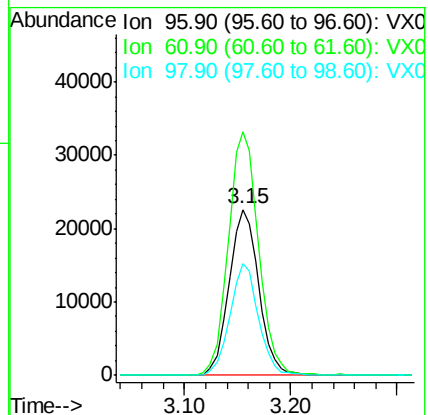
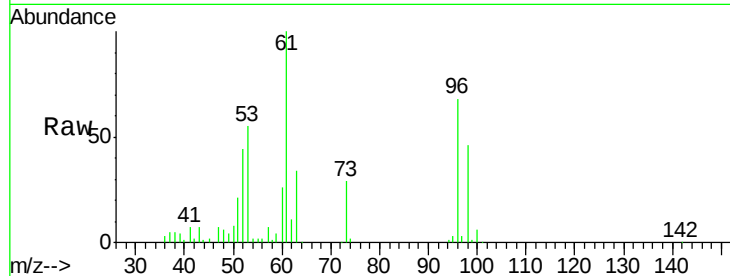
98 67.5 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.269 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion: 45 Resp: 159382

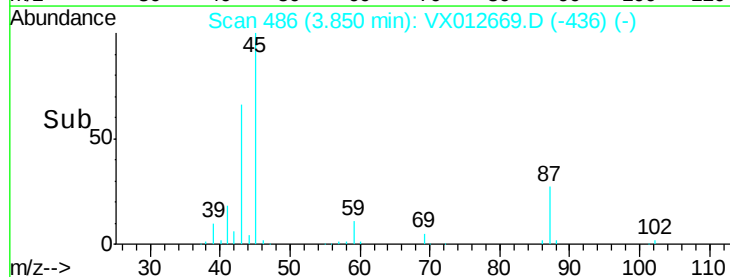
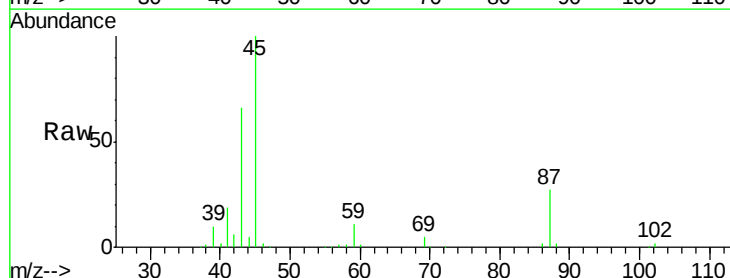
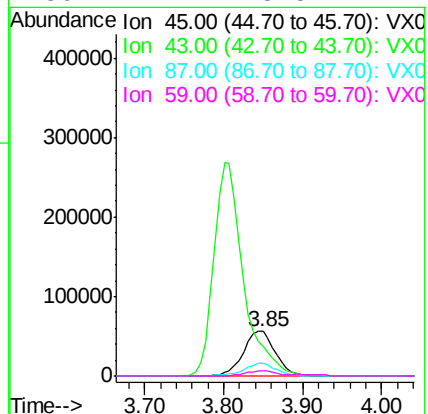
Ion Ratio Lower Upper

45 100

43 65.2 57.8 86.8

87 27.4 21.3 31.9

59 11.4 8.5 12.7





#23

Vinyl Acetate

Concen: 101.693 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 43 Resp: 701246

Ion Ratio Lower Upper

43 100

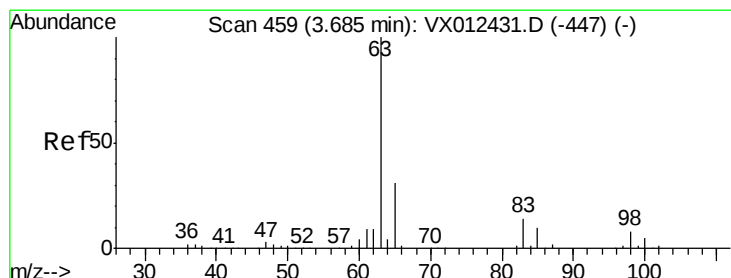
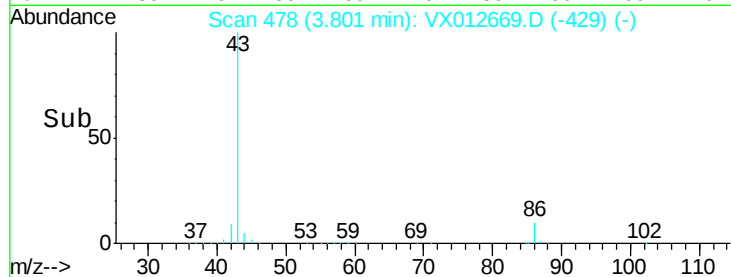
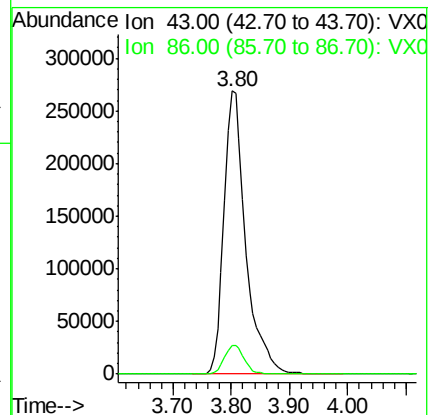
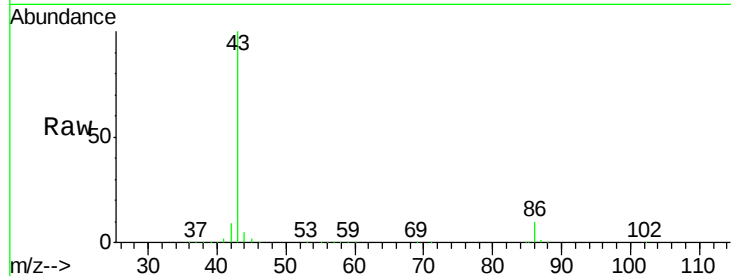
86 10.0 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.202 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

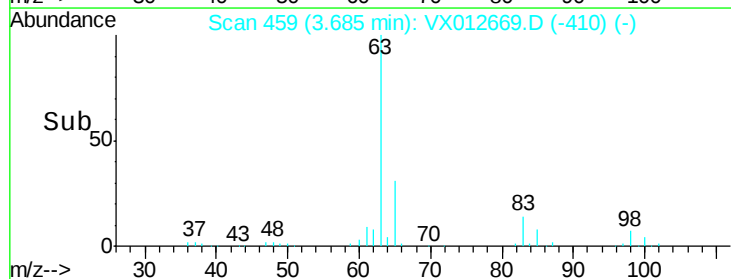
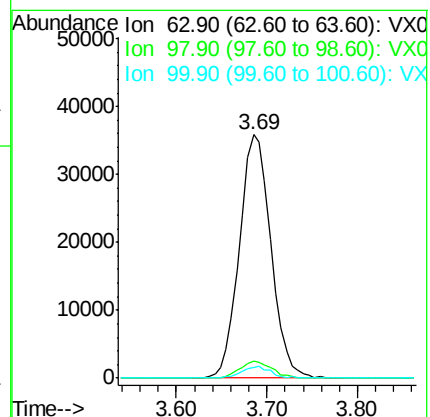
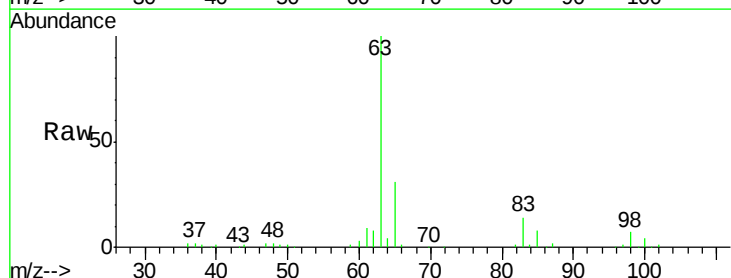
Tgt Ion: 63 Resp: 86351

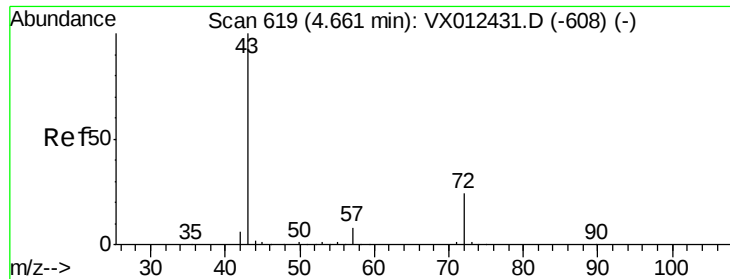
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 98.686 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 43 Resp: 208212

Ion Ratio Lower Upper

43 100

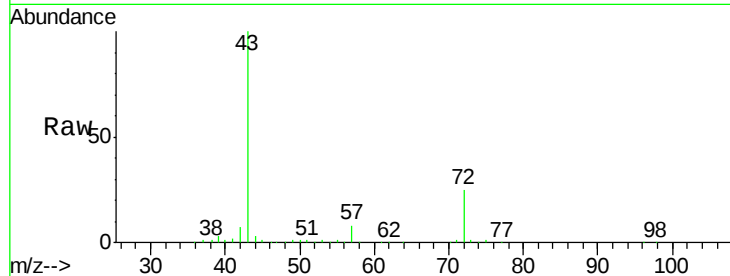
72 24.8 19.2 28.8

Manual Integrations

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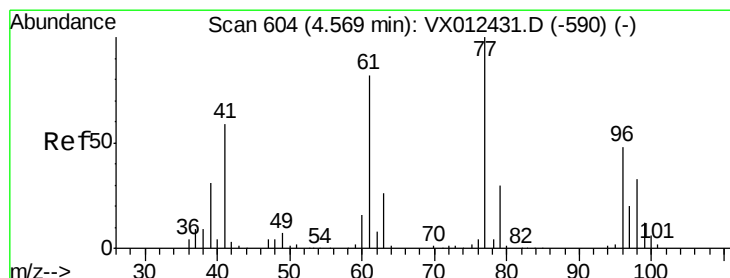
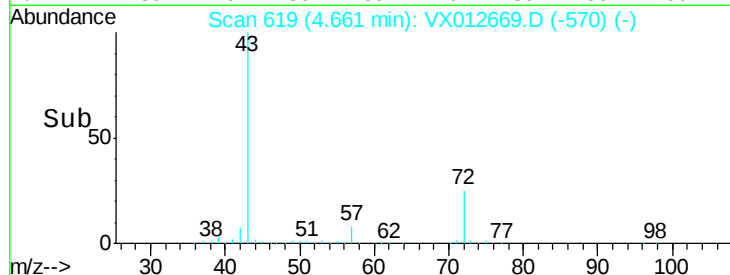
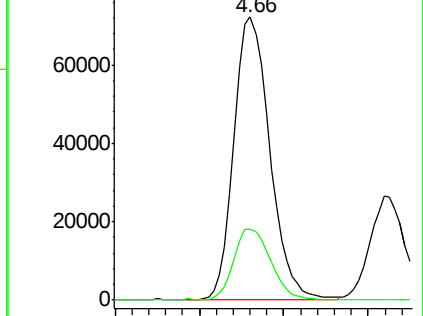
MMDadoda

9/27/2019 8:53:55 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.792 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012669.D

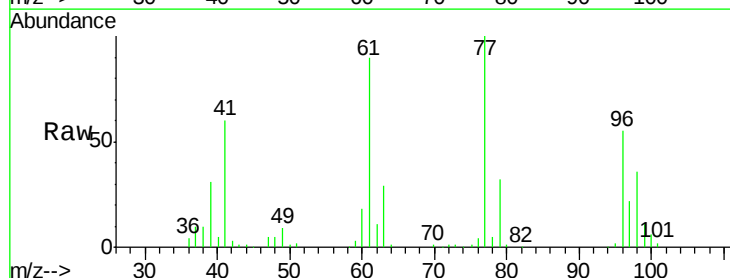
Acq: 26 Sep 2019 13:13

Tgt Ion: 77 Resp: 71437

Ion Ratio Lower Upper

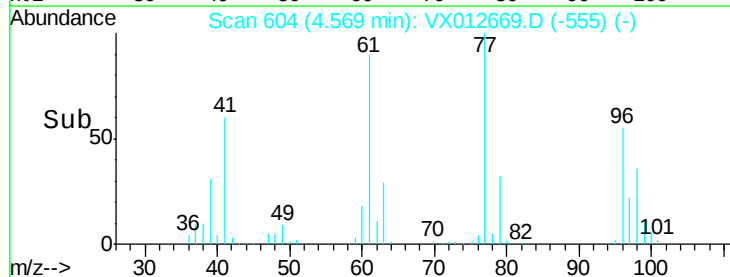
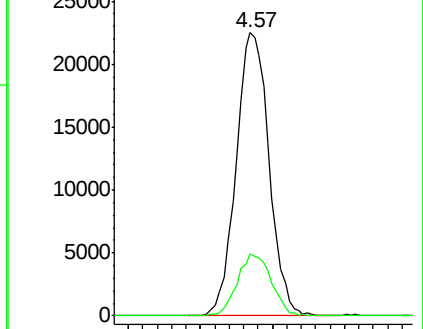
77 100

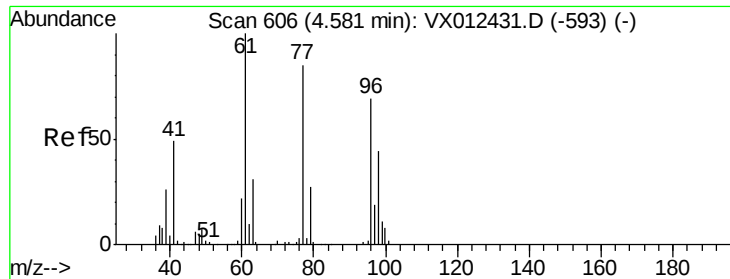
97 22.5 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

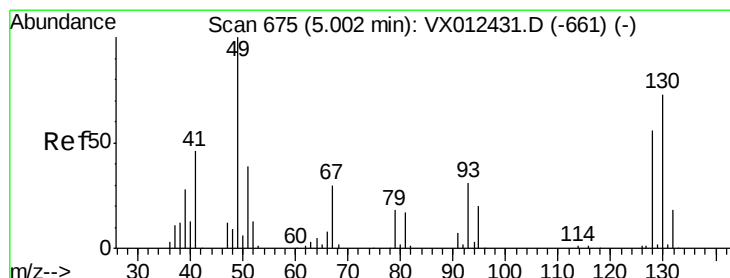
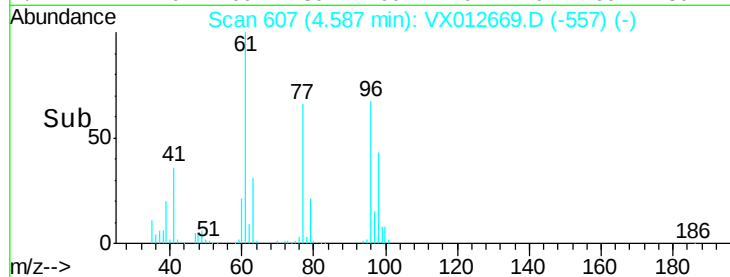
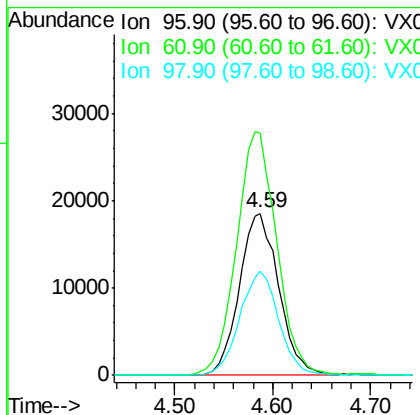
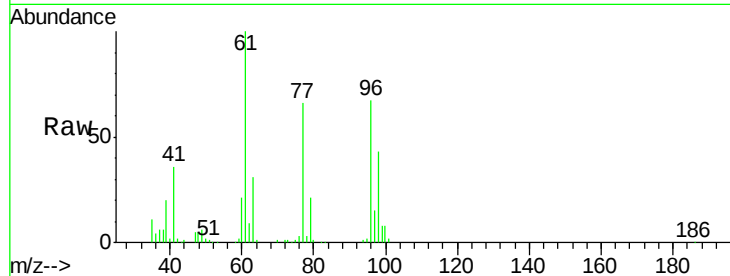
cis-1,2-Dichloroethene
Concen: 19.692 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	51922		
61	153.7		0.0	319.4
98	63.6		0.0	130.6

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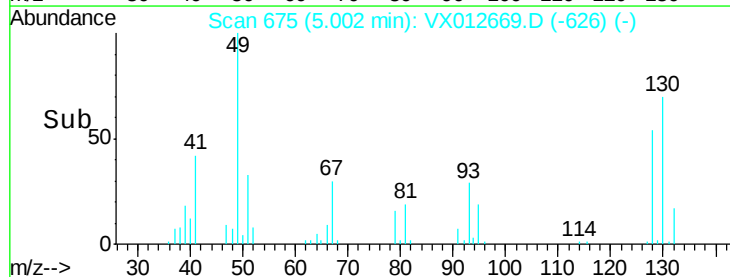
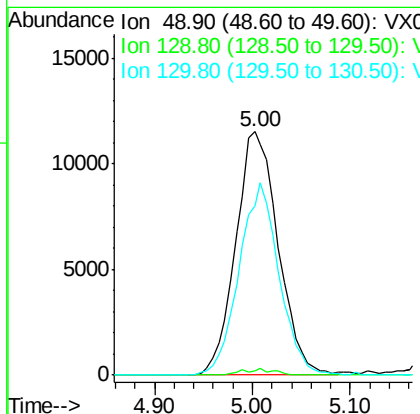
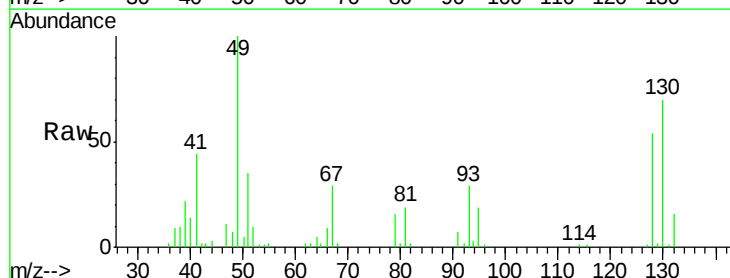
MMDadoda
9/27/2019 8:53:55 AM

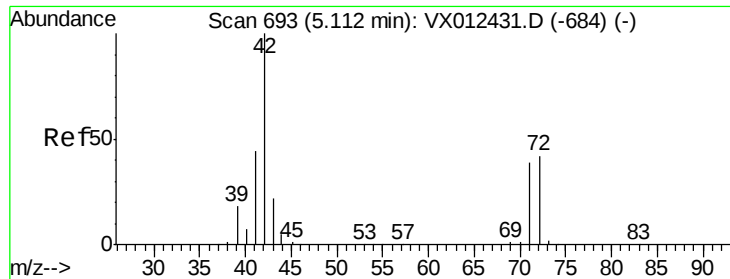


#28

Bromochloromethane
Concen: 22.324 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34647		
129	1.9		0.0	3.8
130	74.2		58.2	87.4





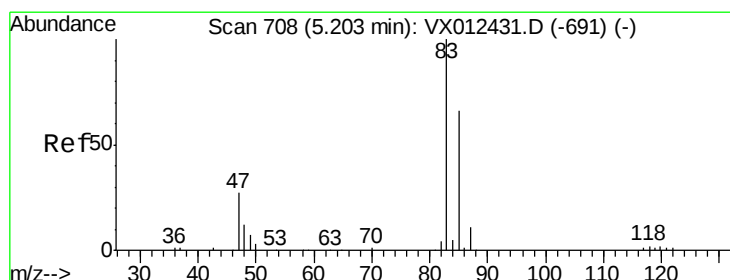
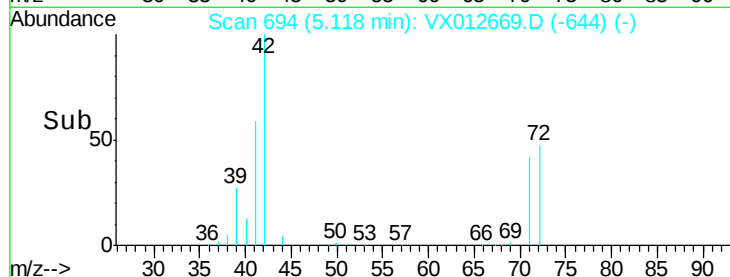
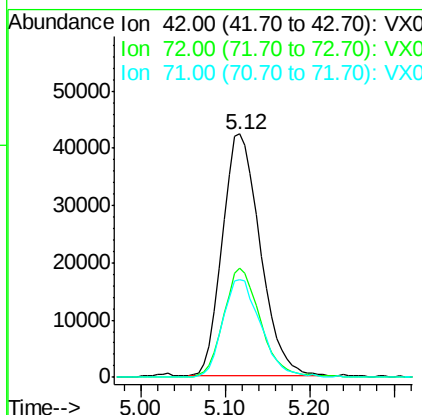
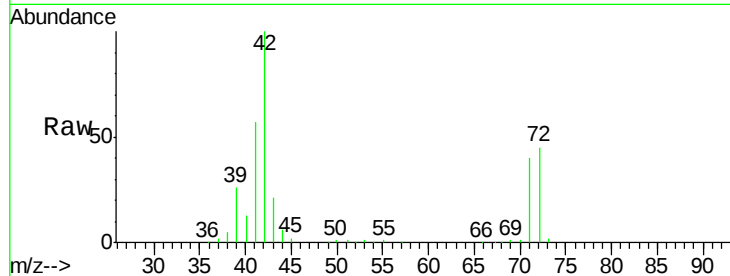
#29
Tetrahydrofuran
Concen: 101.025 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.0	51.0
71	40.6	31.5	47.3

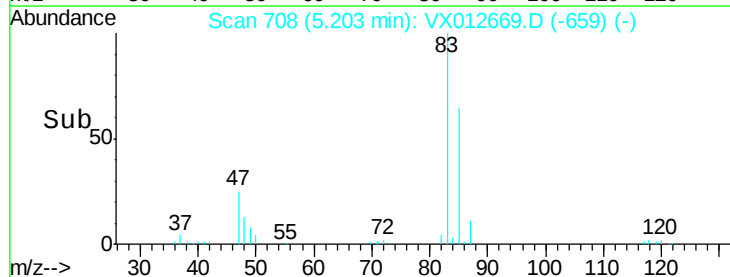
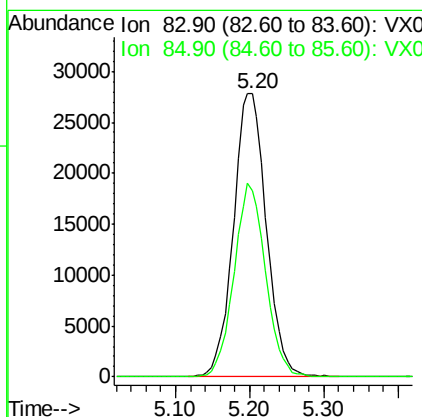
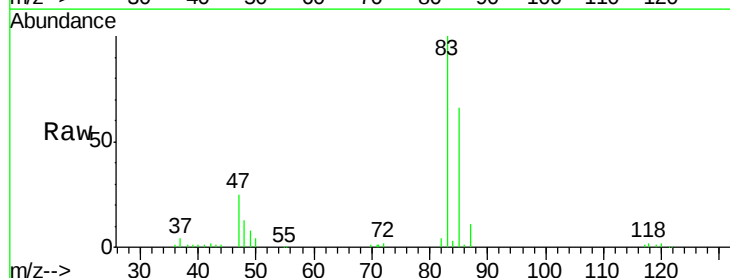
Manual Integrations
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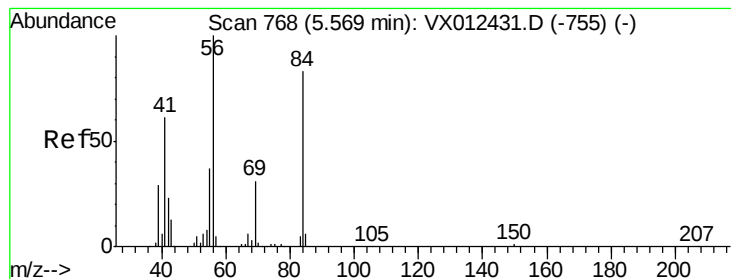
MMDadoda
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#30
Chloroform
Concen: 19.674 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	53.0	79.4





#31

Cyclohexane

Concen: 20.135 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

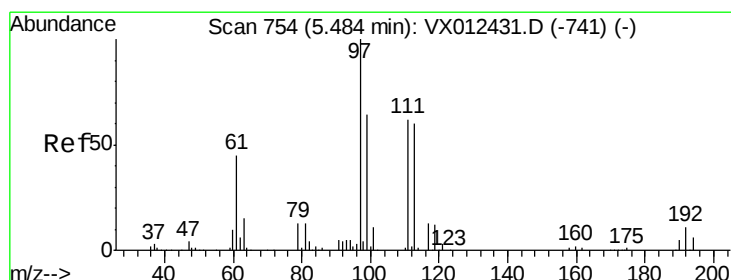
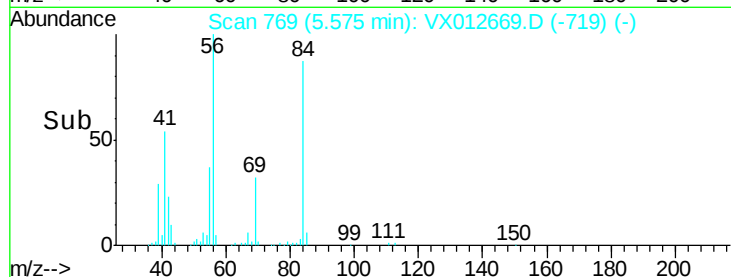
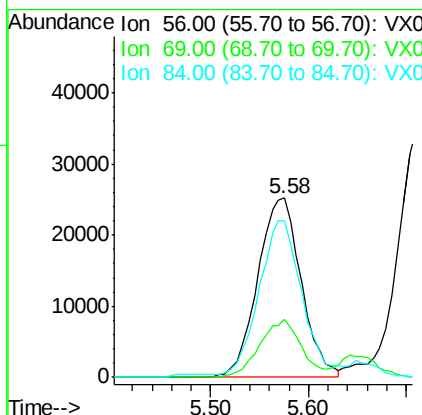
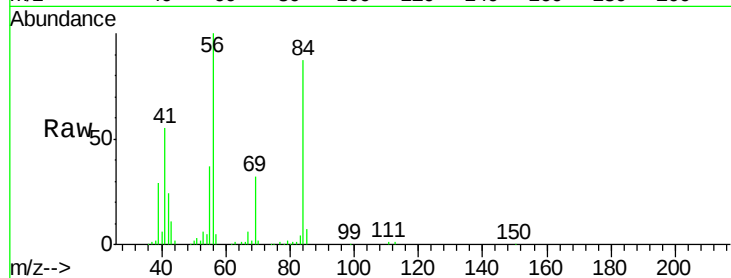
ClientSampleId :

VX0926WBS01

Tot Ion:	56	Resp:	77857
Ion Ratio	Lower	Upper	
56	100		
69	32.3	25.0	37.6
84	85.6	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 19.770 ug/l

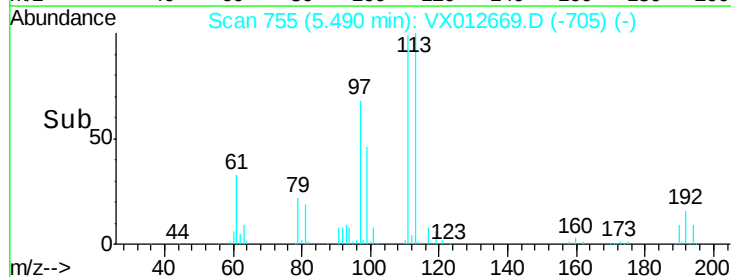
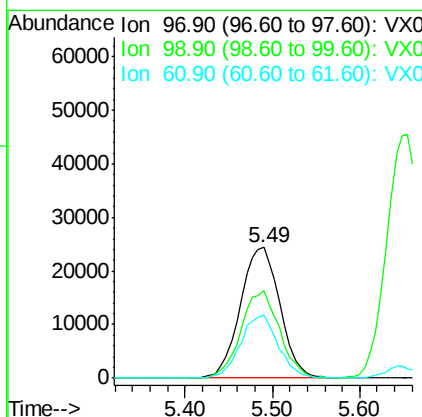
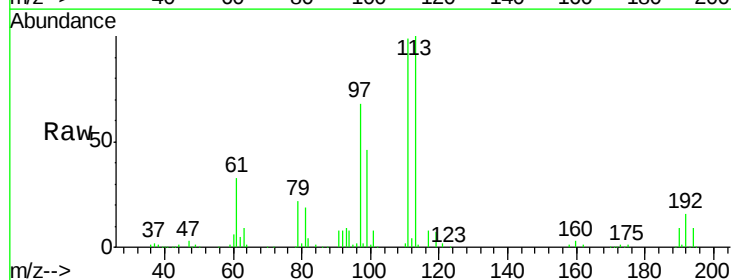
RT: 5.49 min Scan# 755

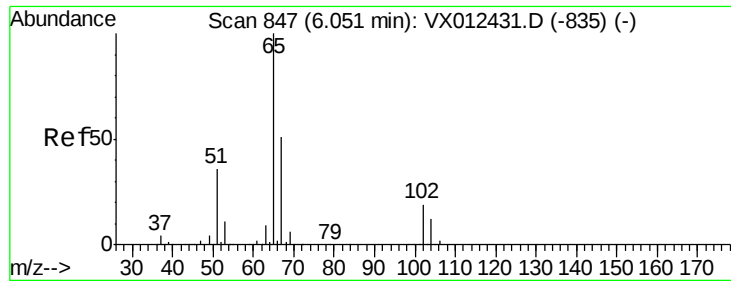
Delta R.T. 0.01 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion:	97	Resp:	76621
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.3	76.9
61	46.1	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 50.222 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 65 Resp: 139517

Ion Ratio Lower Upper

65 100

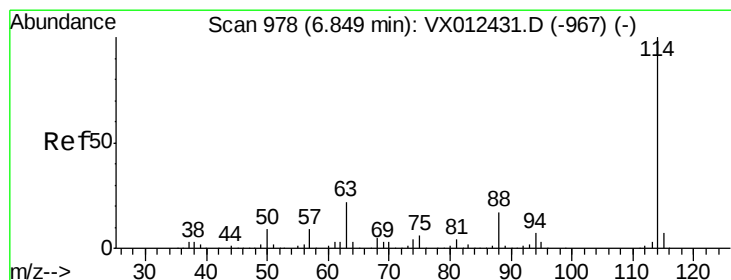
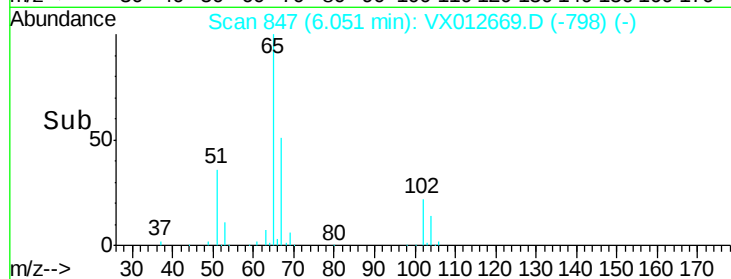
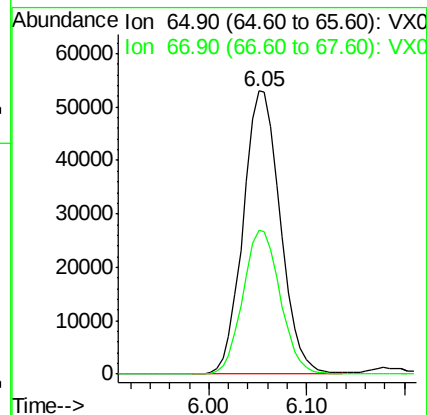
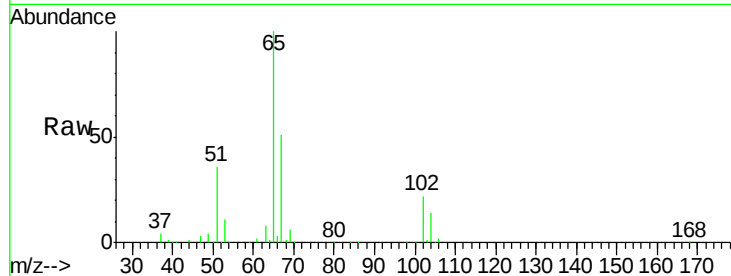
67 51.2 0.0 101.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

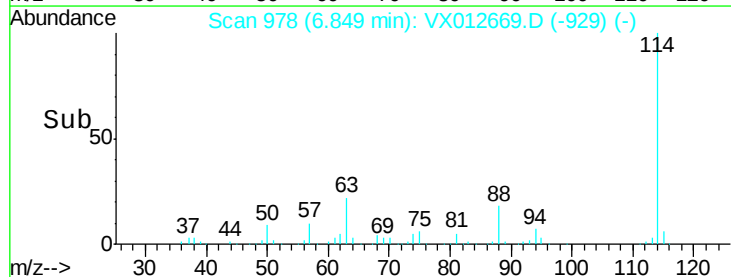
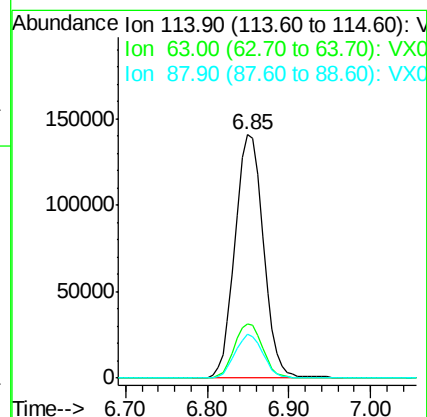
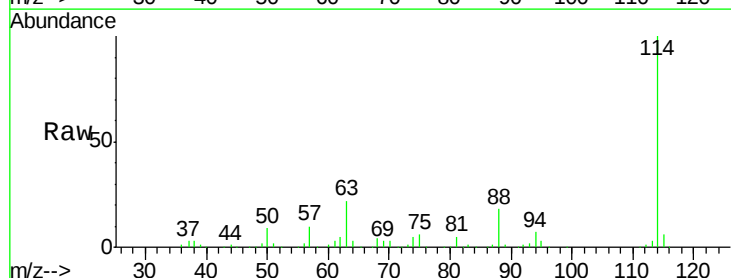
Tgt Ion: 114 Resp: 339493

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 17.8 0.0 33.2





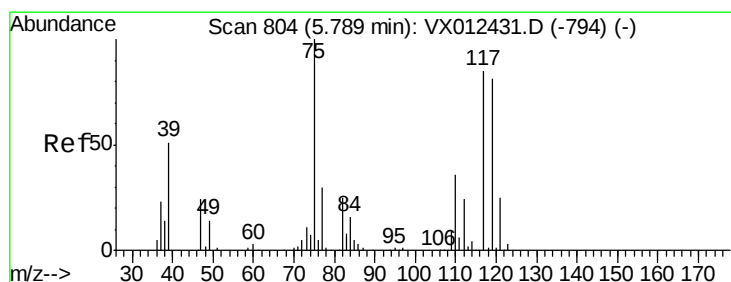
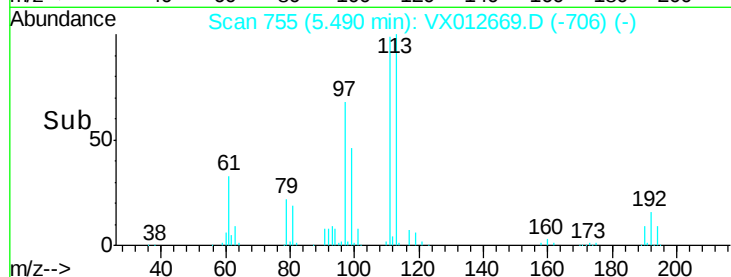
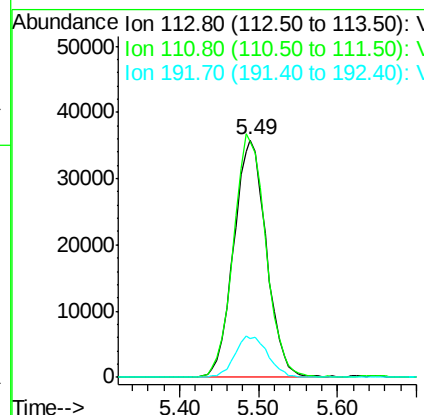
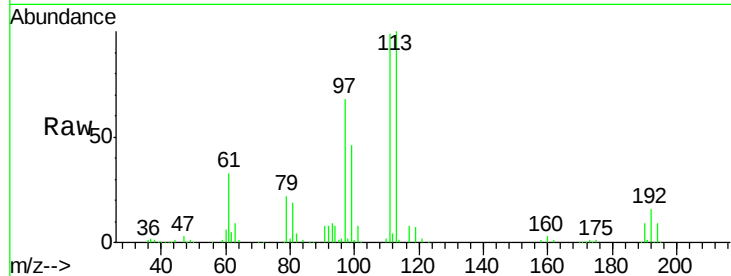
#35
 Dibromofluoromethane
 Concen: 50.875 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102861		
111	102.0	83.4	125.2	
192	17.6	14.4	21.6	

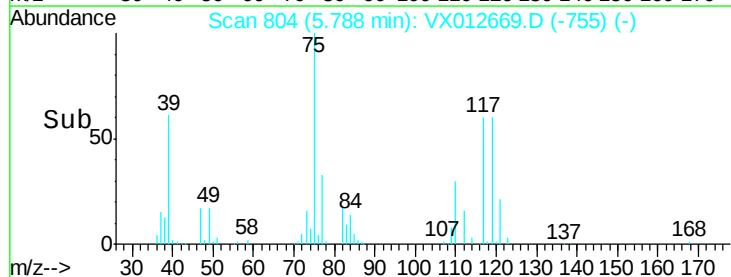
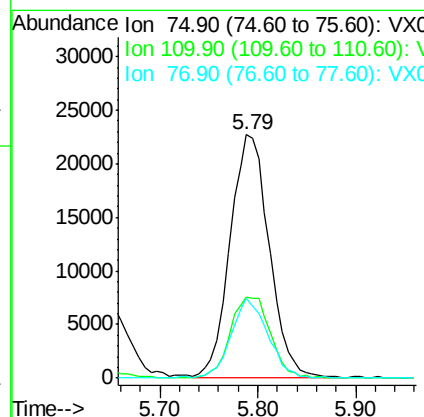
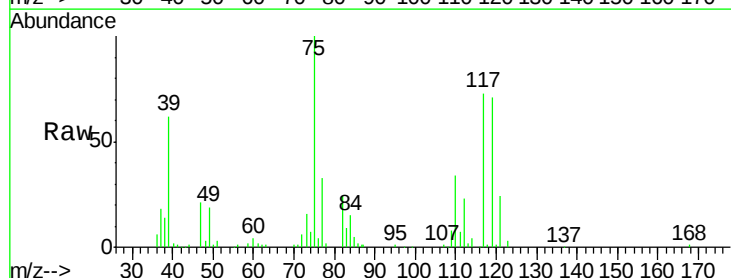
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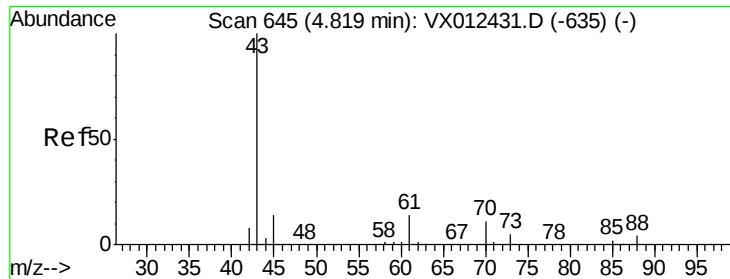
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#36
 1,1-Dichloropropene
 Concen: 19.048 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	62332		
110	34.6	16.7	50.0	
77	31.3	24.2	36.2	





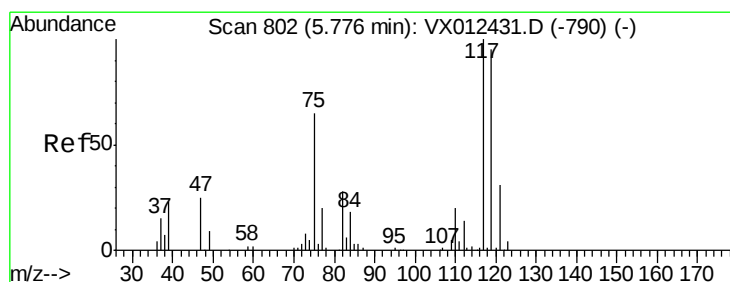
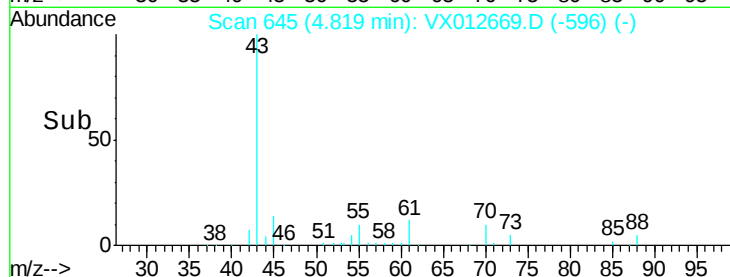
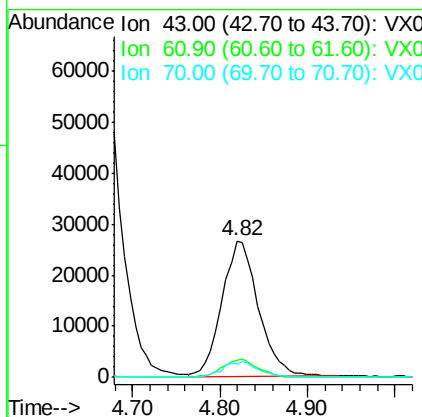
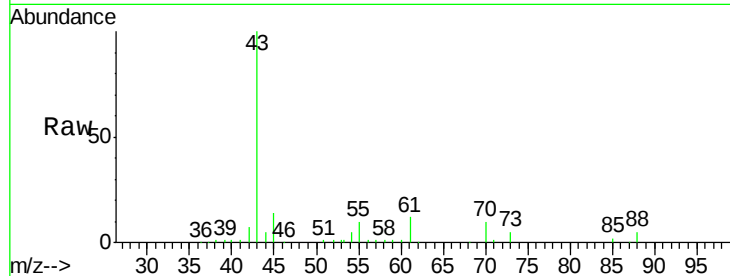
#37
Ethyl Acetate
Concen: 20.124 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 43 Resp: 76989
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 11.5 8.7 13.1

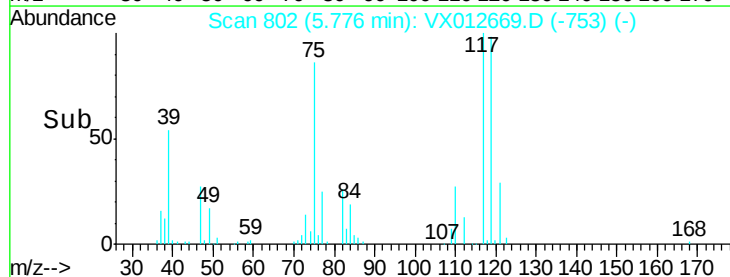
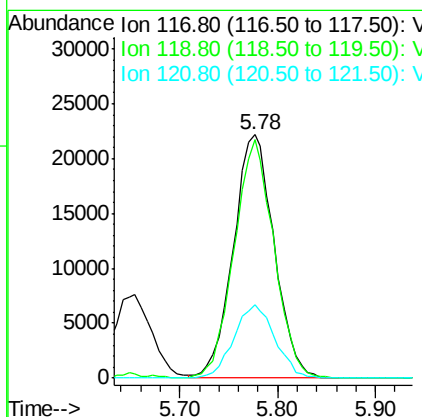
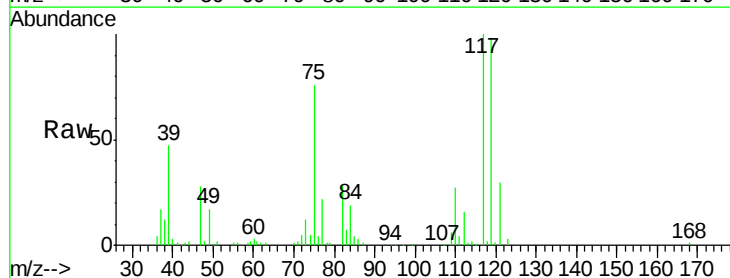
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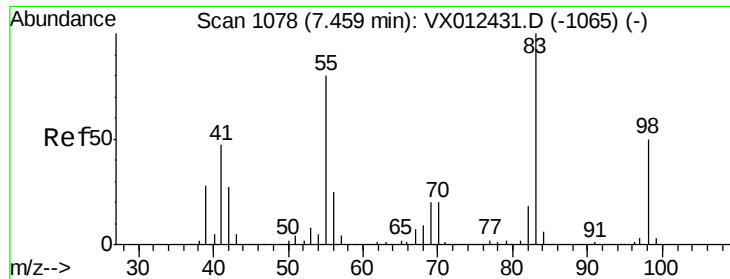
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#38
Carbon Tetrachloride
Concen: 19.289 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion: 117 Resp: 64118
Ion Ratio Lower Upper
117 100
119 97.9 75.7 113.5
121 30.0 24.2 36.4





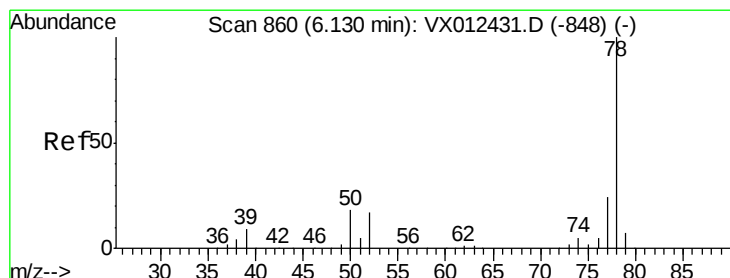
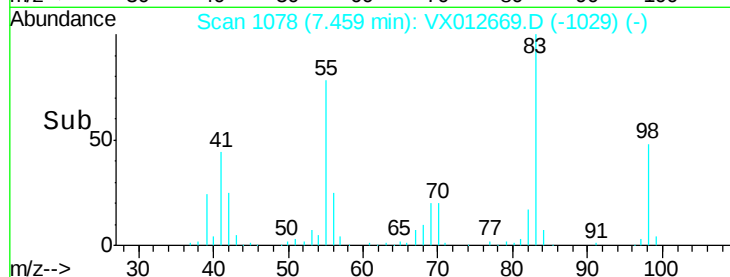
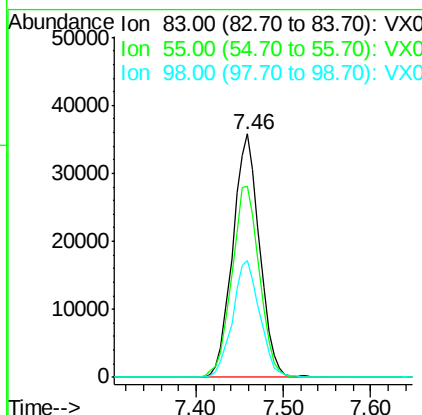
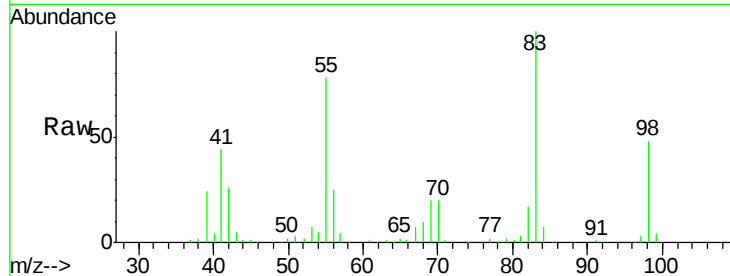
#39
Methvlcvclohexane
Concen: 19.377 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	76336		
55	78.4		64.4	96.6
98	48.3		40.1	60.1

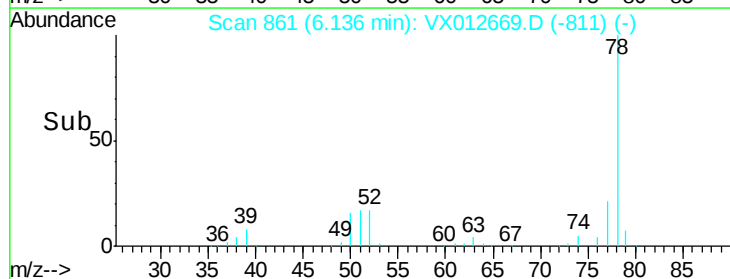
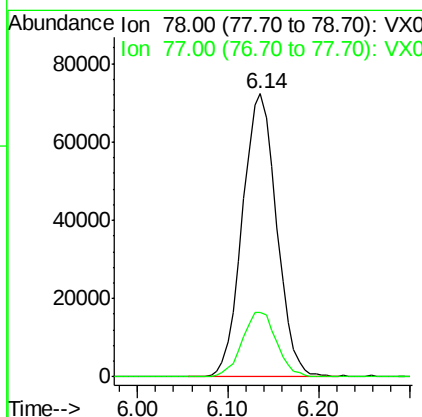
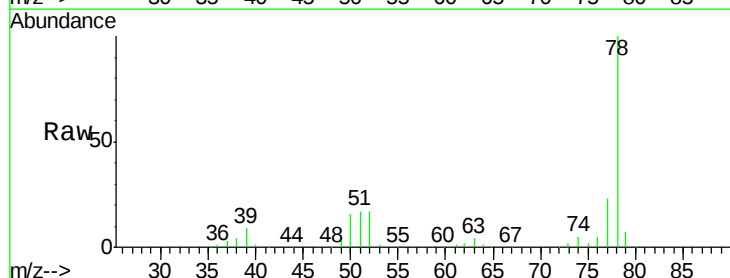
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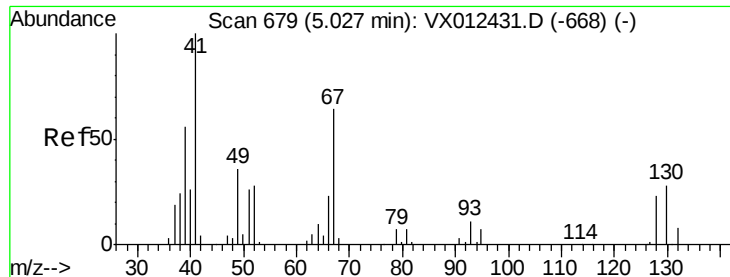
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#40
Benzene
Concen: 19.723 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	189895		
77	22.6		19.2	28.8





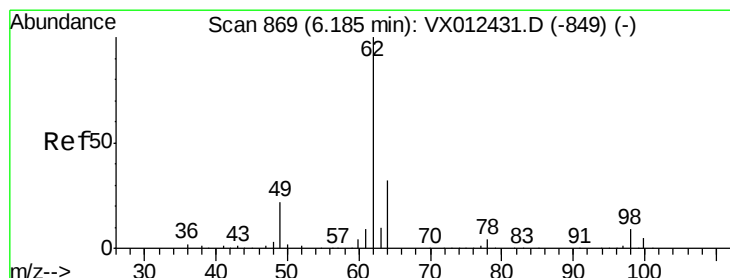
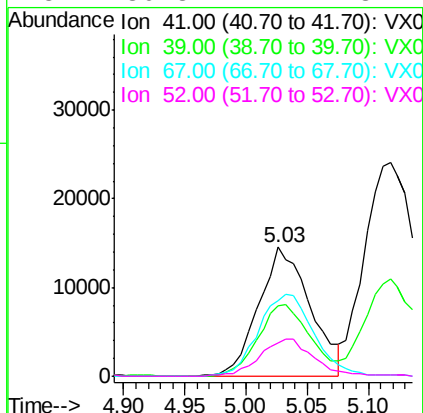
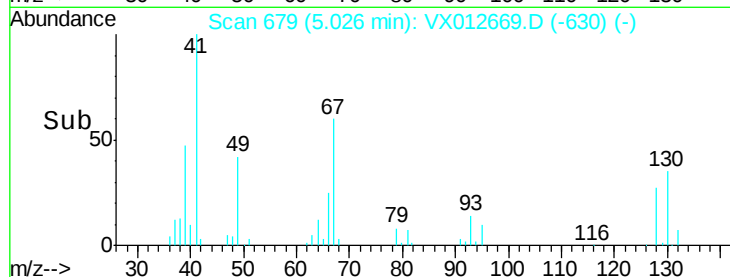
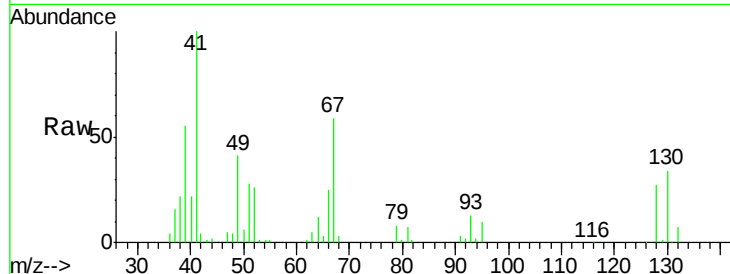
#41
Methacrylonitrile
Concen: 19.924 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.0	69.0
67	68.2	52.2	78.2
52	30.3	22.7	34.1

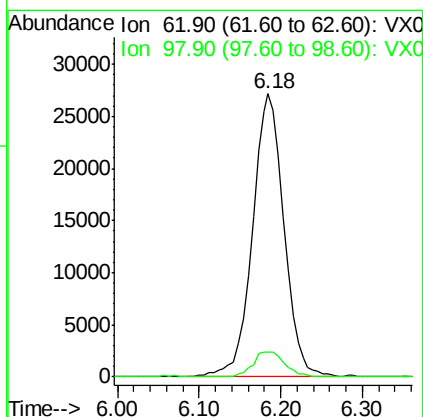
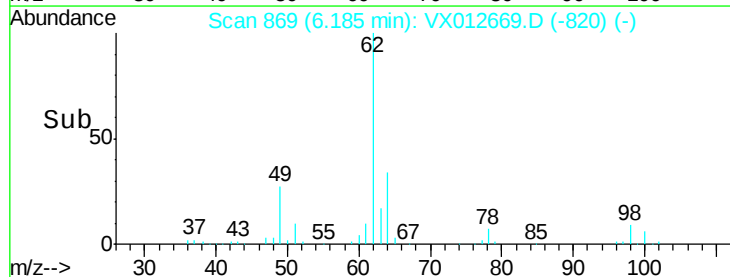
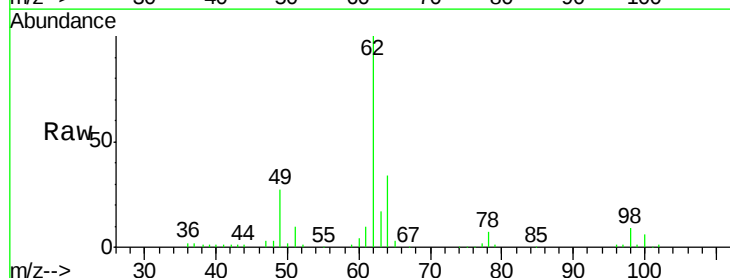
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 19.995 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43

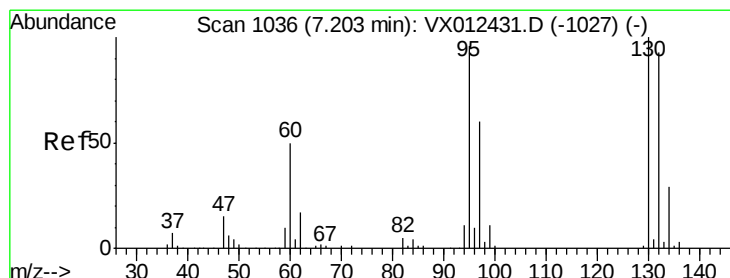
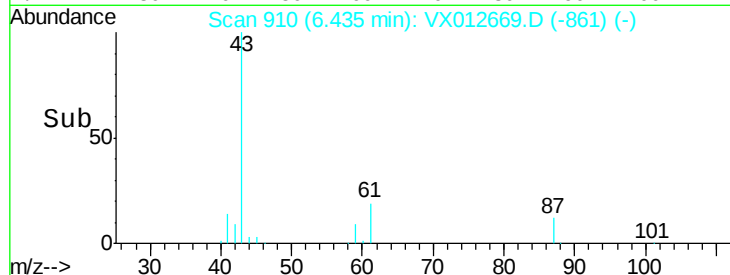
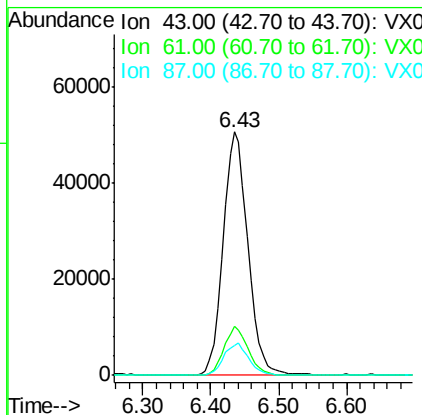
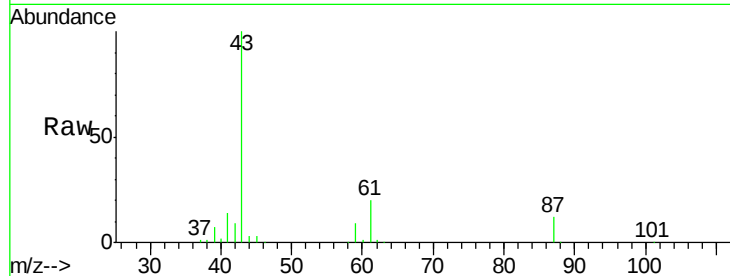
Isopropyl Acetate
 Concen: 19.853 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.3	9.8	14.8

Manual Integrations
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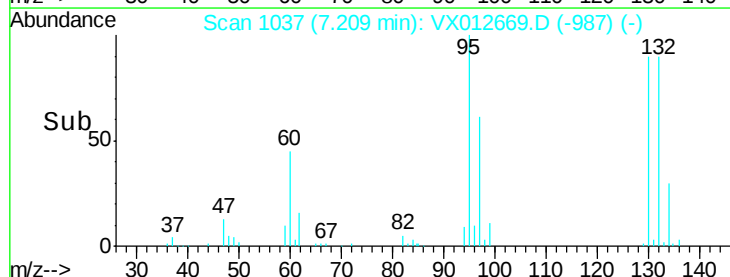
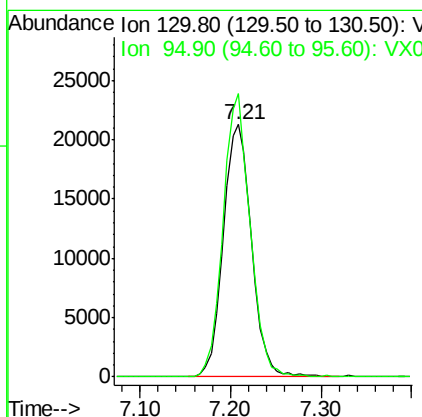
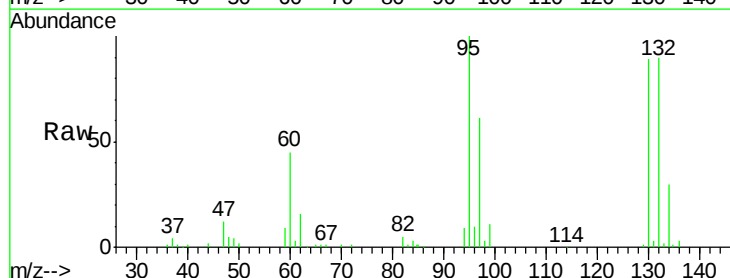
MMDadoda
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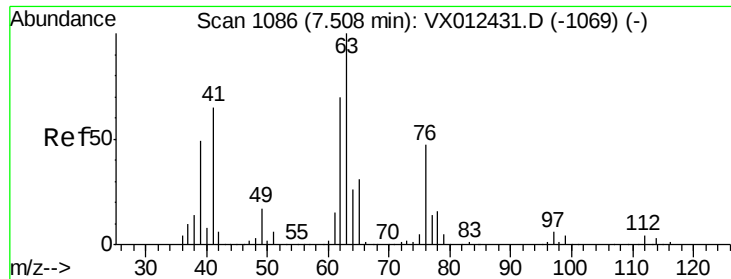


#44

Trichloroethene
 Concen: 18.661 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.1	0.0	193.0





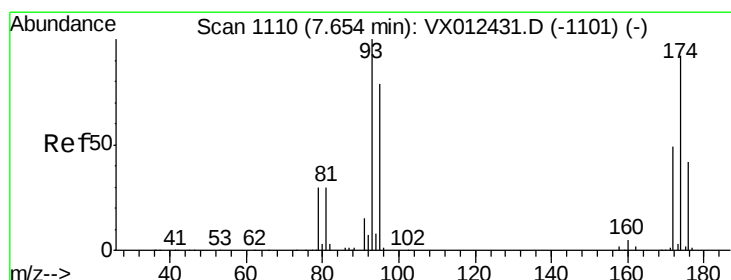
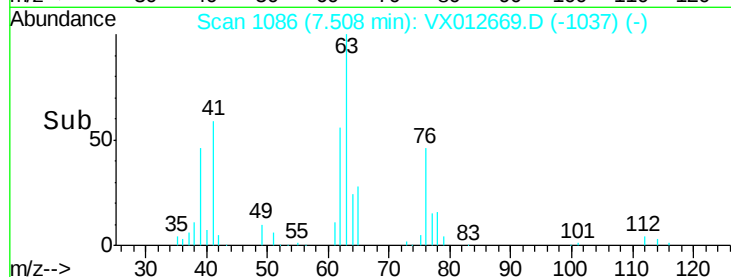
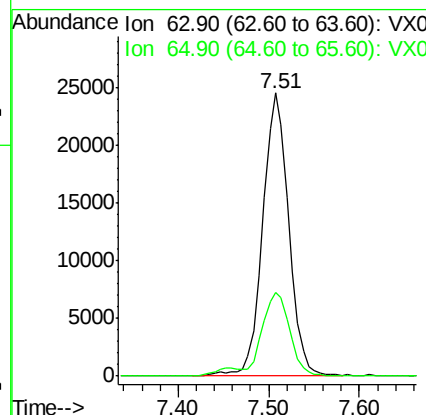
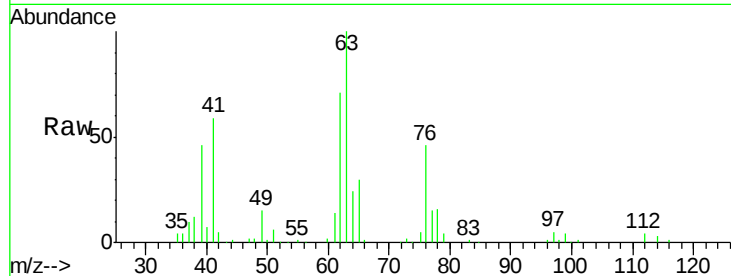
#45
 1,2-Dichloropropane
 Concen: 19.733 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion: 63 Resp: 48643
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.6

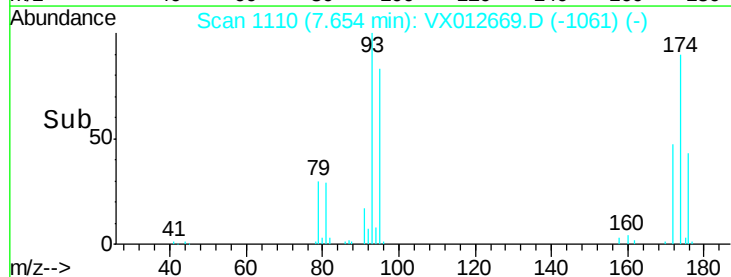
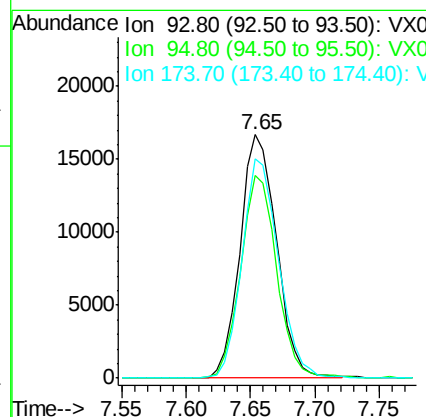
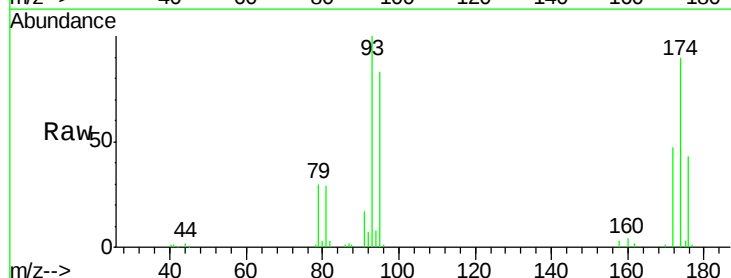
Manual Integrations
 APPROVED

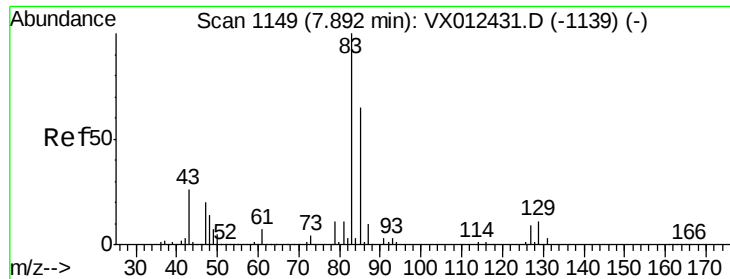
MMDadoda
 9/27/2019 8:53:55 AM



#46
 Dibromomethane
 Concen: 19.467 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion: 93 Resp: 32672
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 100.0
 174 90.4 77.4 116.0





#47

Bromodichloromethane

Concen: 19.386 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

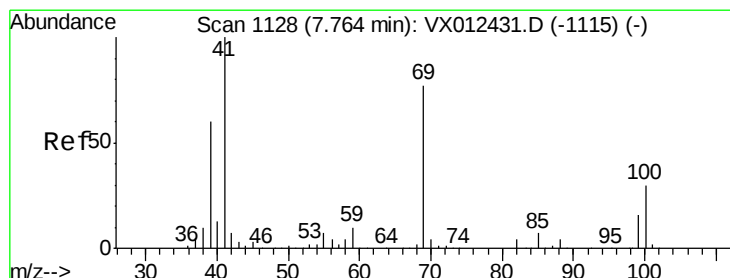
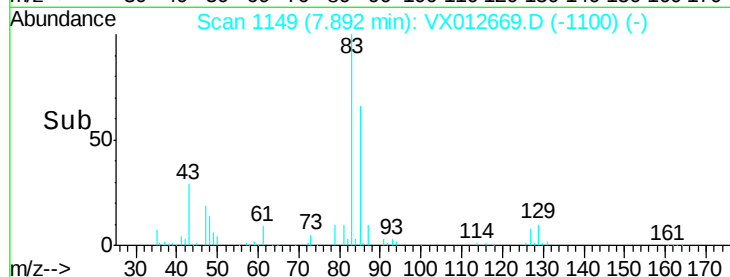
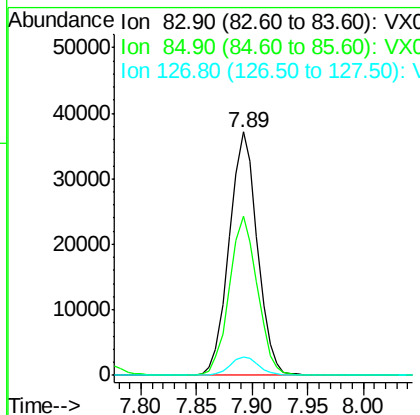
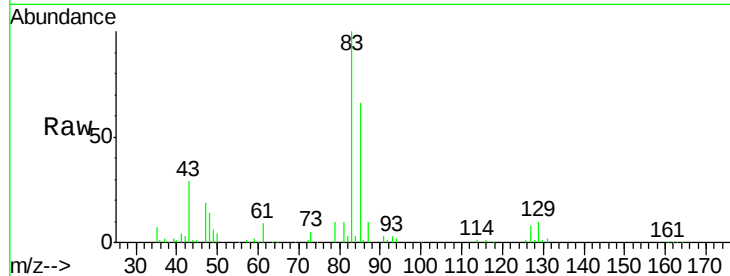
ClientSampleId :

VX0926WBS01

Tot Ion:	83	Resp:	65027
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6
127	7.8	7.3	10.9

Manual Integrations
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MMDadoda
9/27/2019 8:53:55 AM



#48

Methyl methacrylate

Concen: 19.472 ug/l

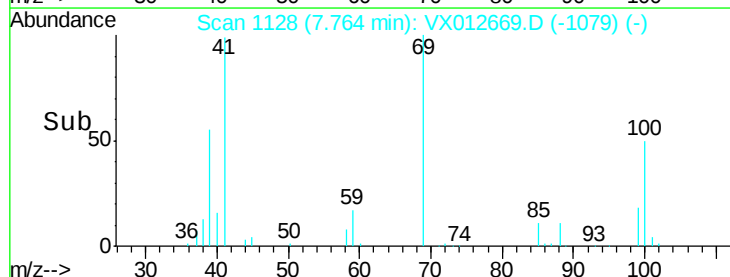
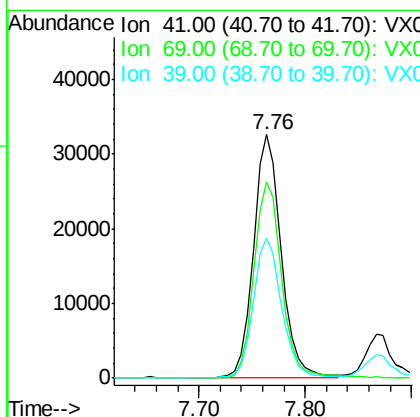
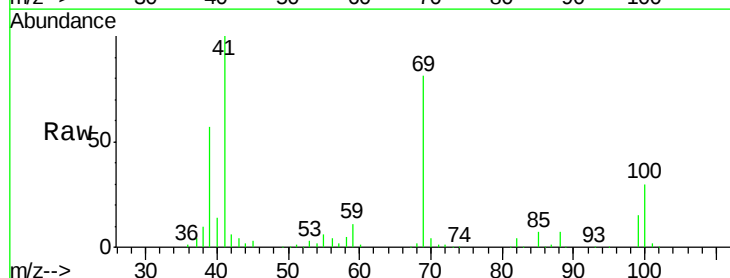
RT: 7.76 min Scan# 1128

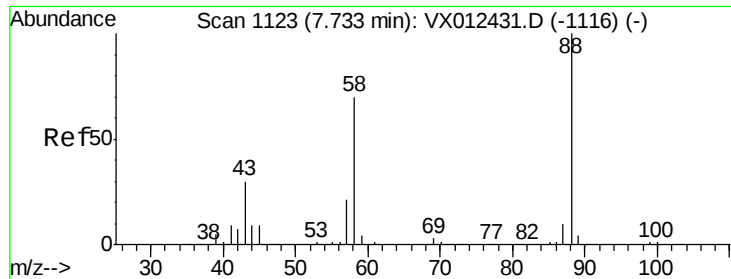
Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion:	41	Resp:	59735
Ion	Ratio	Lower	Upper
41	100		
69	81.1	59.9	89.9
39	58.8	47.8	71.6





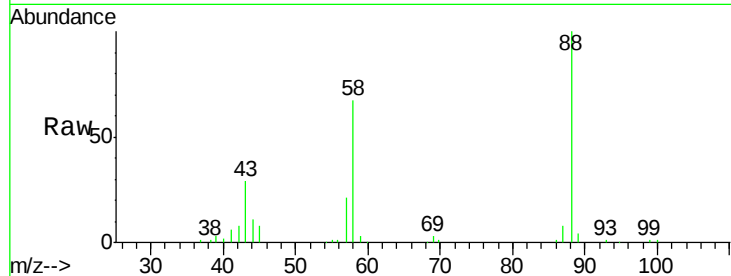
#49
1,4-Dioxane
Concen: 405.455 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	29.4	44.0
58	70.1	57.5	86.3

Manual Integrations
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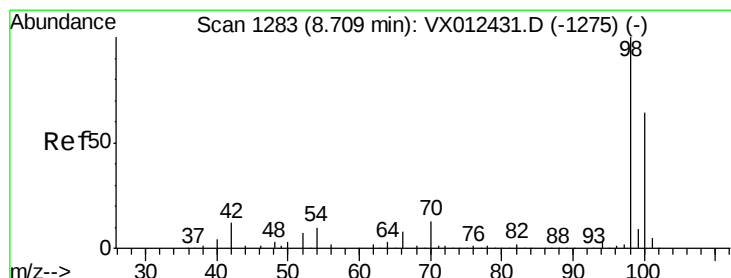
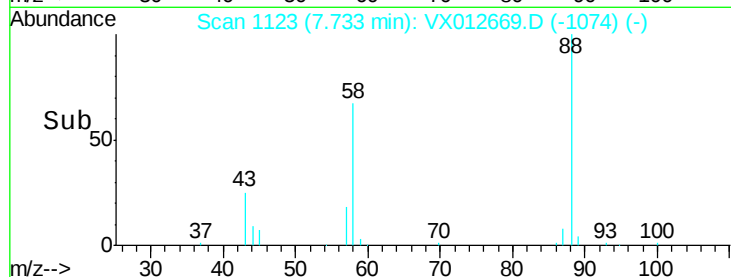
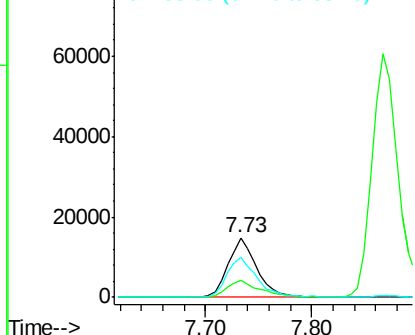


Abundance

Ion 88.00 (87.70 to 88.70): VX0

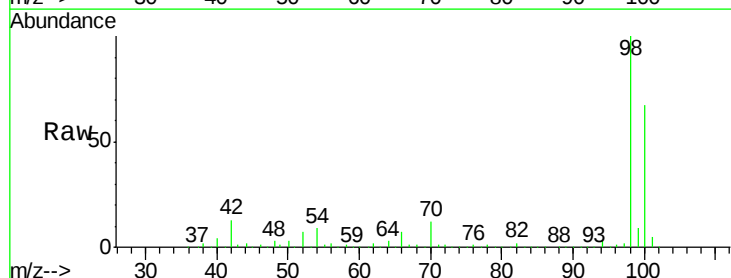
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.131 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

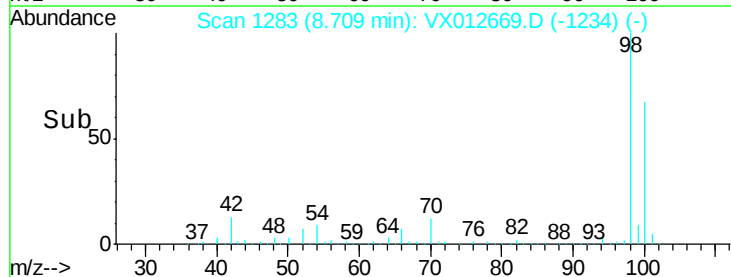
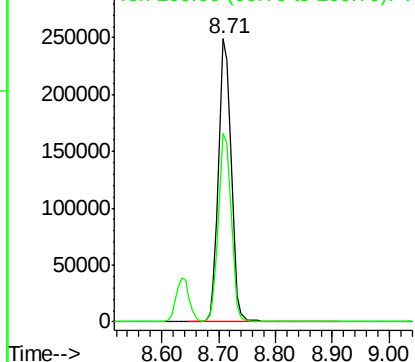
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2

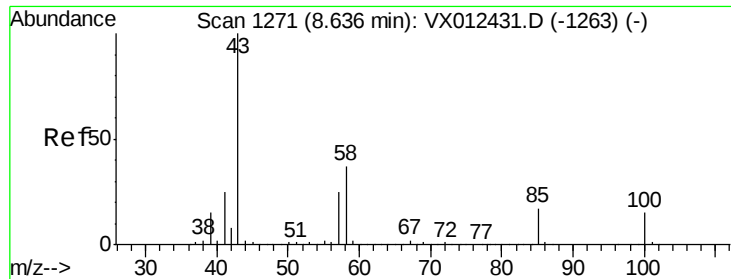


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





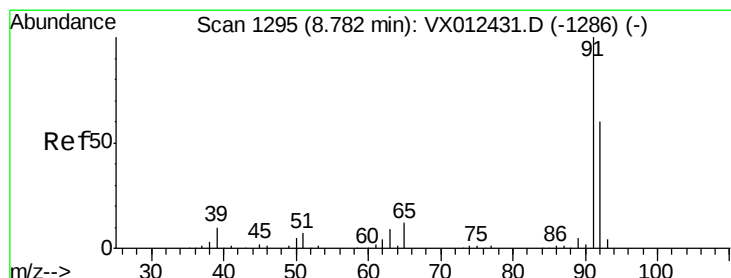
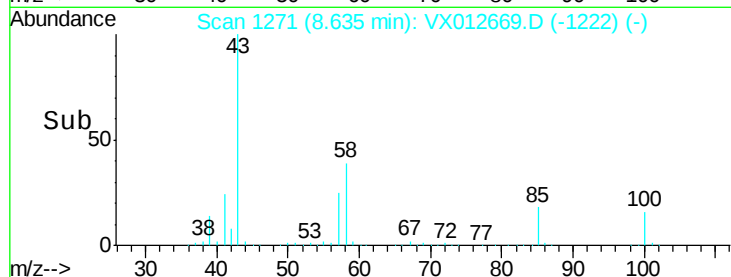
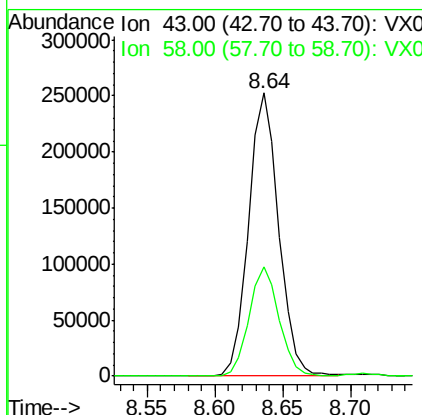
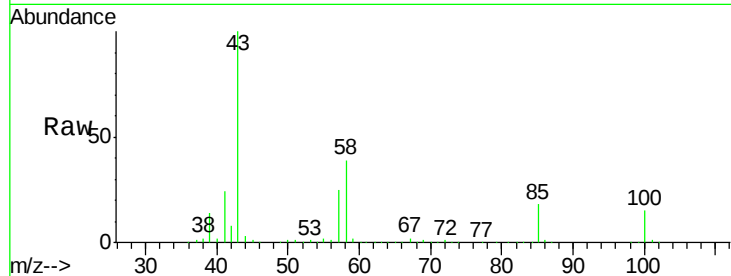
#51
4-Methyl-2-Pentanone
Concen: 99.261 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	29.8	44.6

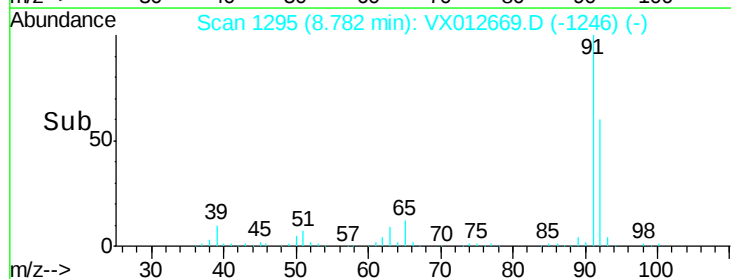
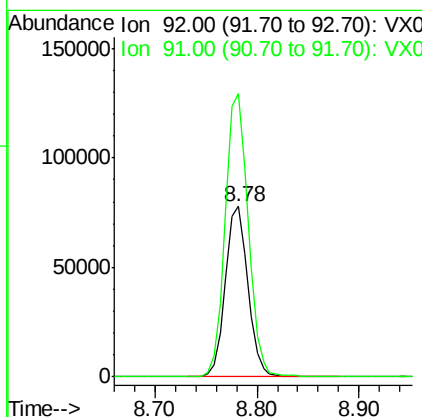
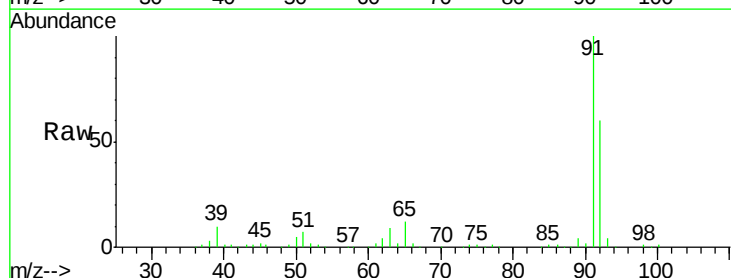
Manual Integrations
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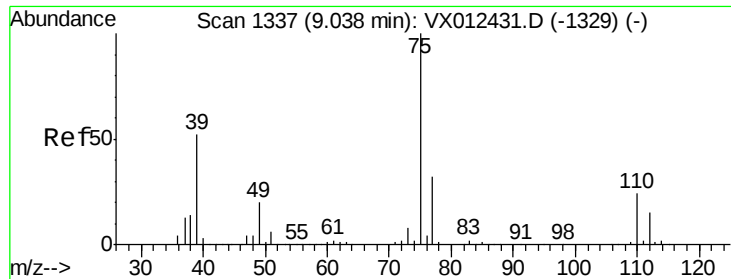
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#52
Toluene
Concen: 19.790 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.7	135.4	203.0





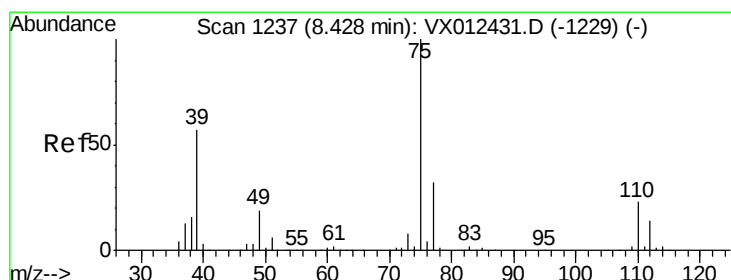
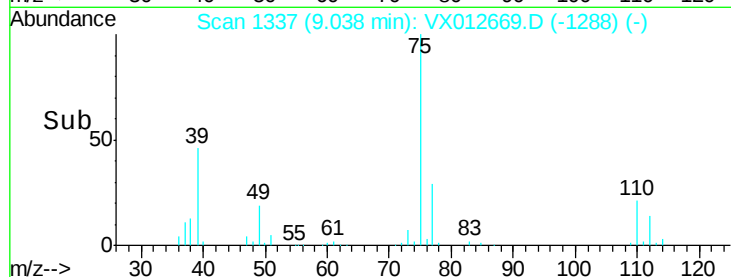
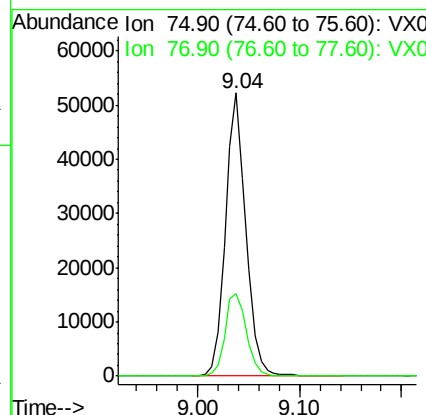
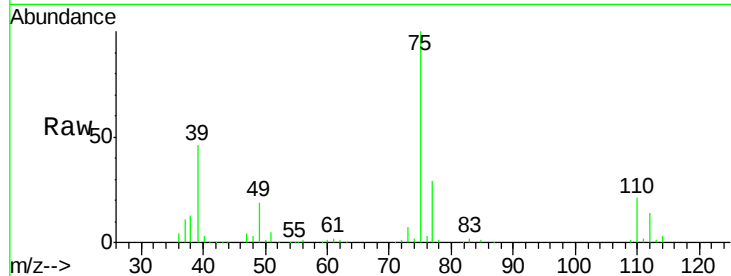
#53
t-1,3-Dichloropropene
Concen: 19.503 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 75 Resp: 72383
Ion Ratio Lower Upper
75 100
77 29.3 25.2 37.8

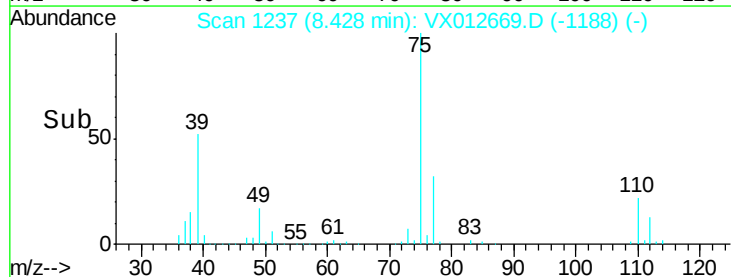
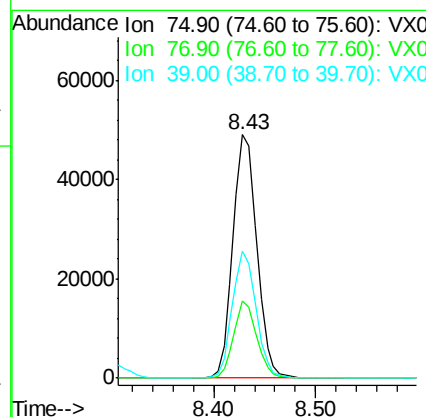
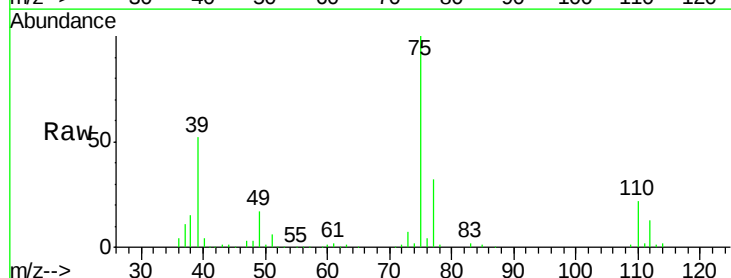
Manual Integrations
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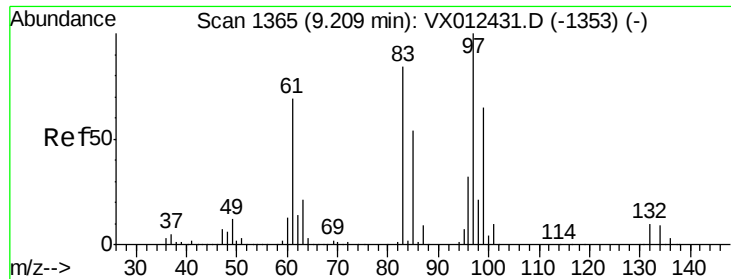
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.682 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion: 75 Resp: 79754
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
39 52.1 45.5 68.3





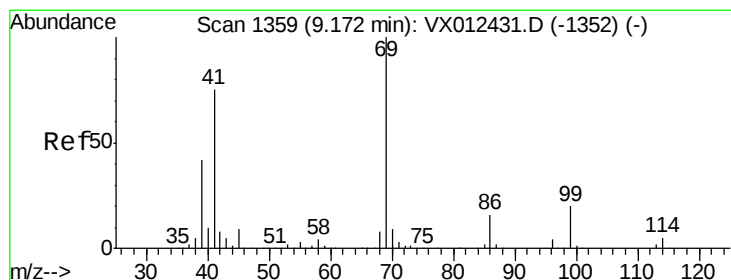
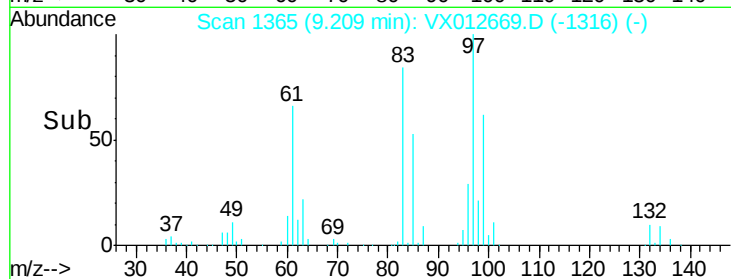
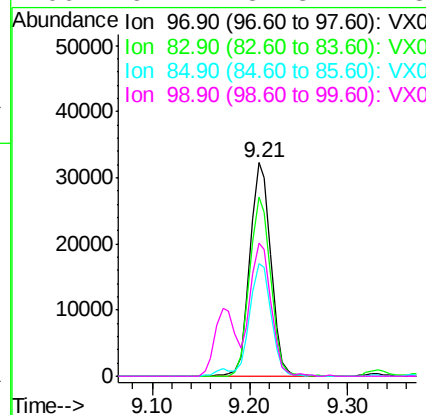
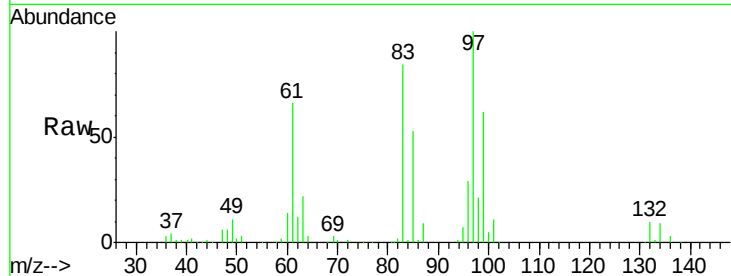
#55
 1,1,2-Trichloroethane
 Concen: 19.960 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion:	97	Resp:	48021
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.2
85	52.9	43.5	65.3
99	62.4	51.8	77.8

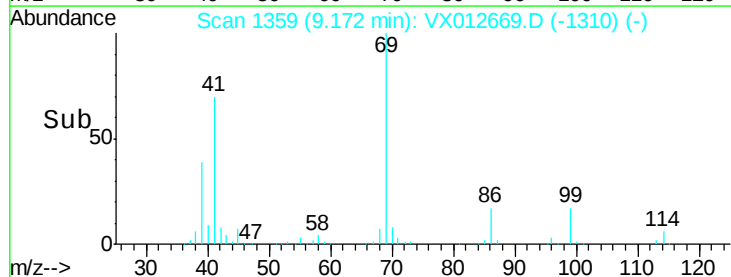
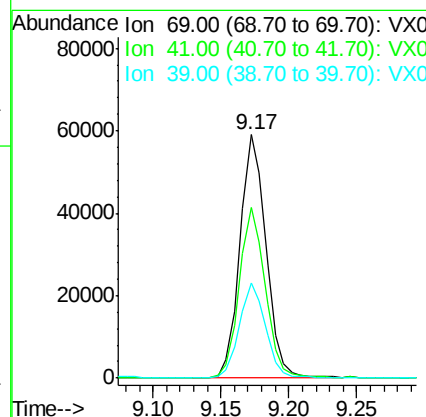
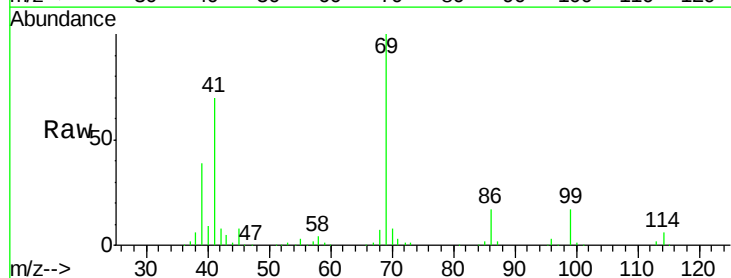
Manual Integrations
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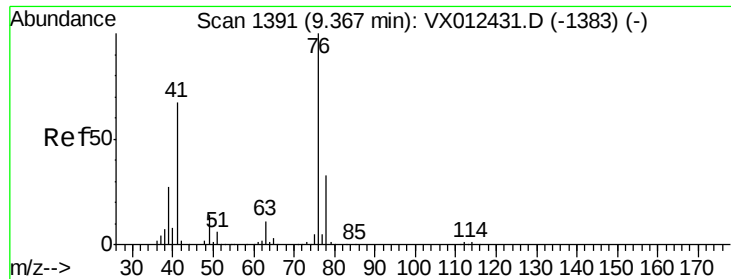
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#56
 Ethyl methacrylate
 Concen: 19.559 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion:	69	Resp:	79055
Ion	Ratio	Lower	Upper
69	100		
41	70.2	58.4	87.6
39	39.1	33.4	50.0





#57

1,3-Dichloropropane

Concen: 20.121 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 76 Resp: 84722

Ion Ratio Lower Upper

76 100

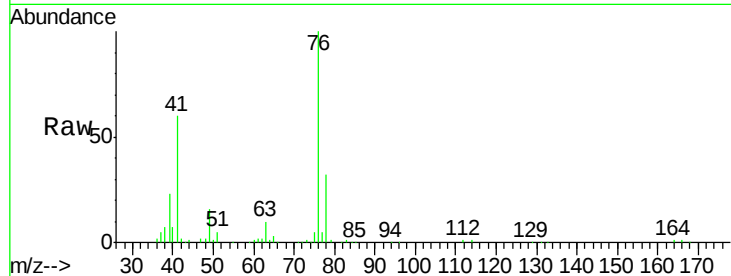
78 33.5 26.2 39.2

Manual Integrations

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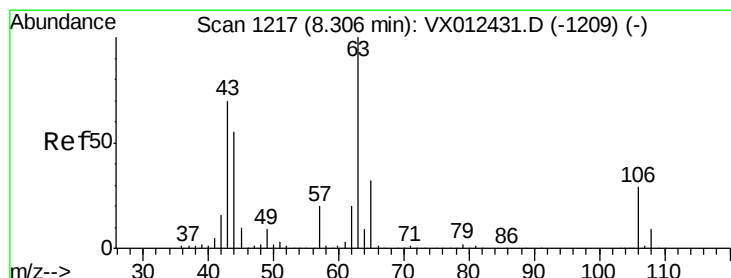
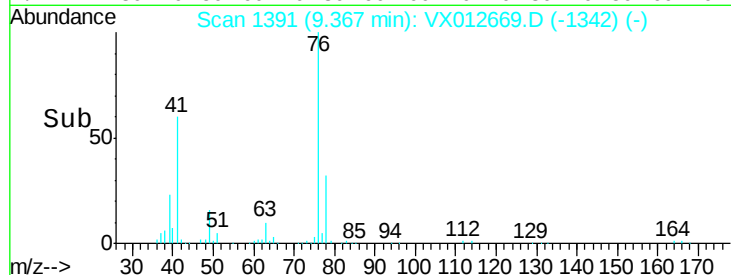
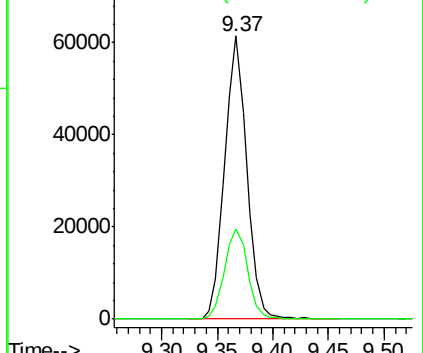
MMDadoda

9/27/2019 8:53:55 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.214 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012669.D

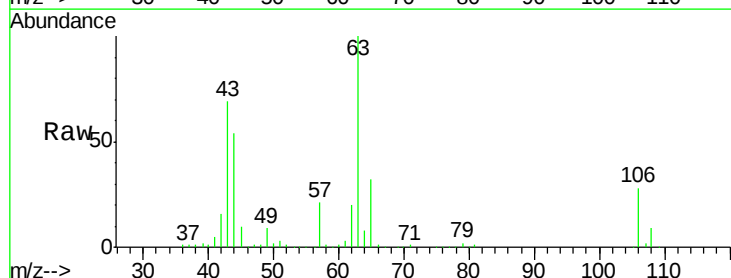
Acq: 26 Sep 2019 13:13

Tgt Ion: 63 Resp: 192702

Ion Ratio Lower Upper

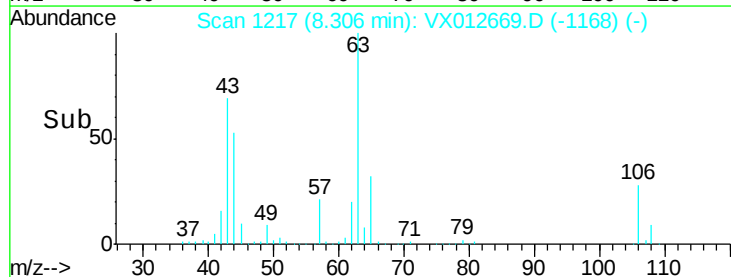
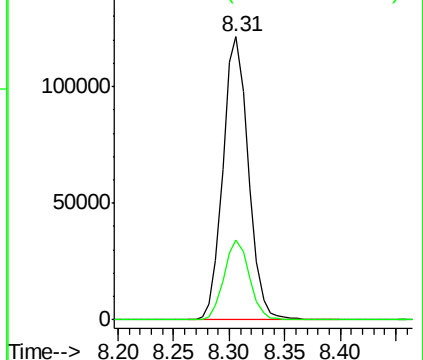
63 100

106 28.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





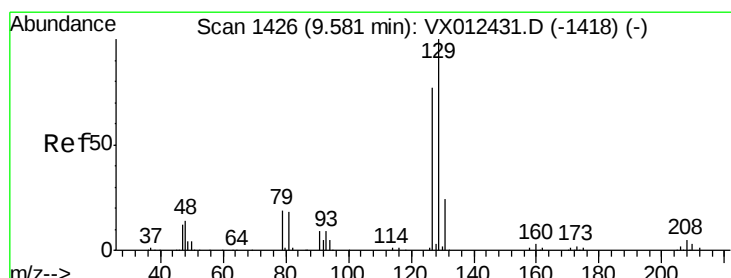
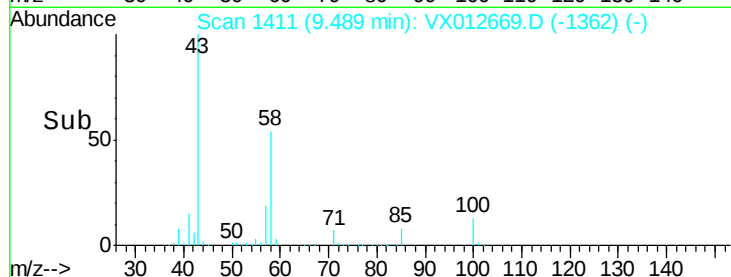
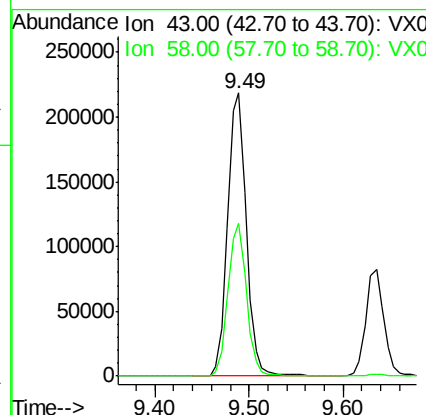
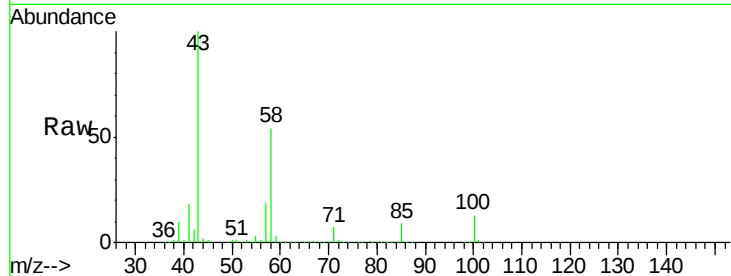
#59
2-Hexanone
Concen: 99.894 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleID :
VX0926WBS01

Tot Ion: 43 Resp: 301972
Ion Ratio Lower Upper
43 100
58 53.7 25.7 77.1

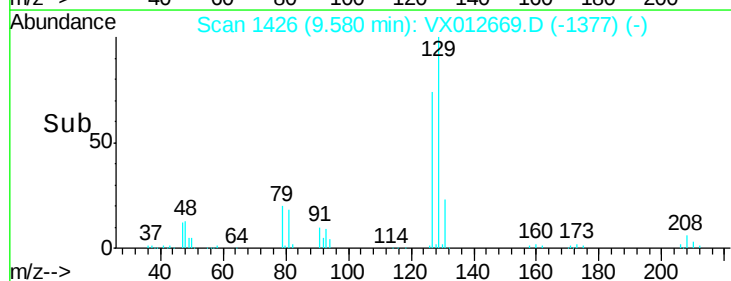
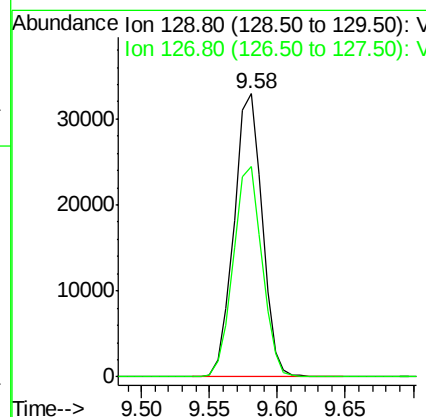
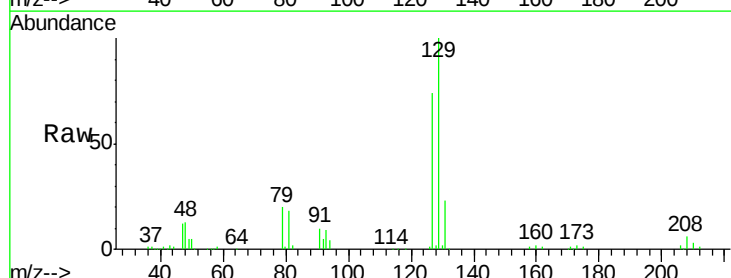
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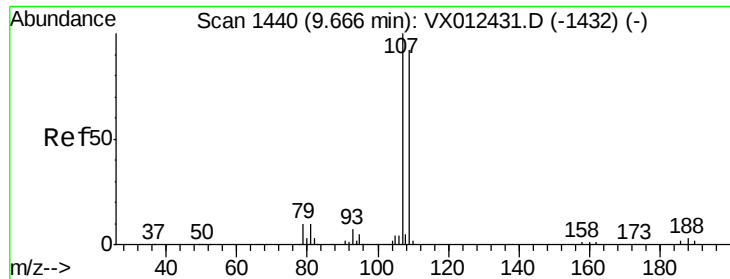
MMDadoda
9/27/2019 8:53:55 AM



#60
Dibromochloromethane
Concen: 19.543 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion: 129 Resp: 47595
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.971 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion:107 Resp: 50004

Ion Ratio Lower Upper

107 100

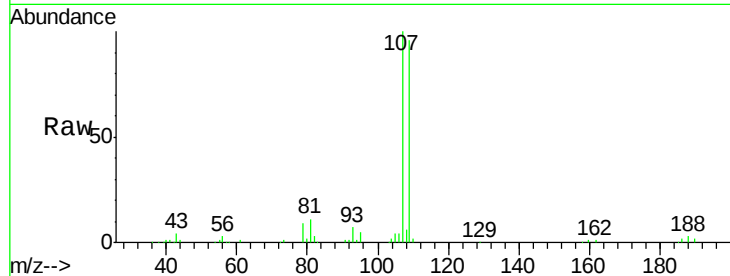
109 92.4 74.7 112.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

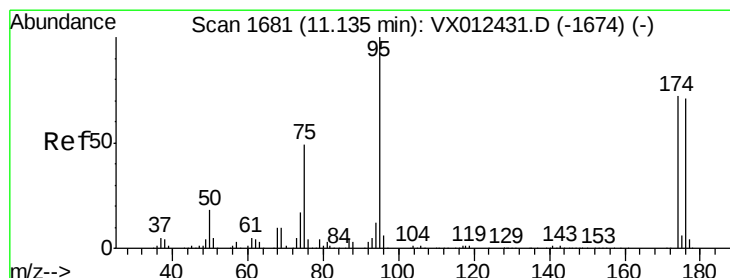
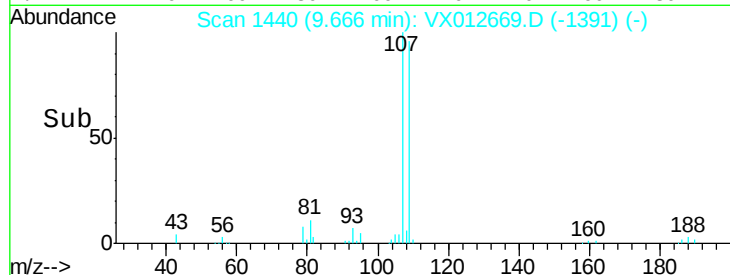
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.709 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

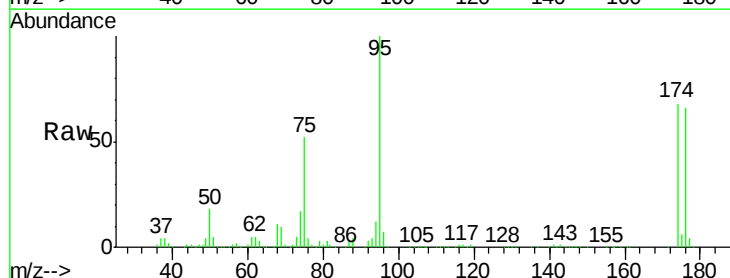
Tgt Ion: 95 Resp: 152187

Ion Ratio Lower Upper

95 100

174 68.0 0.0 140.0

176 65.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

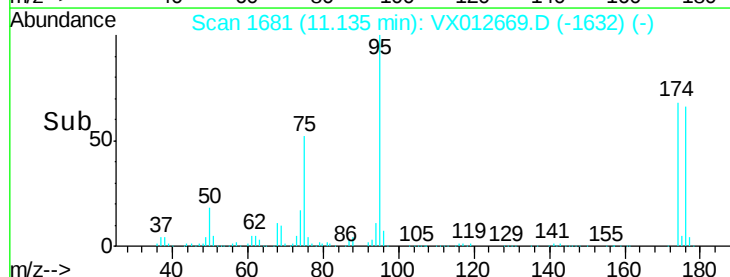
100000

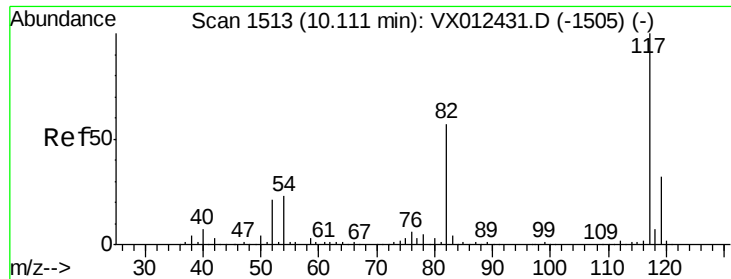
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion:117 Resp: 301559

Ion Ratio Lower Upper

117 100

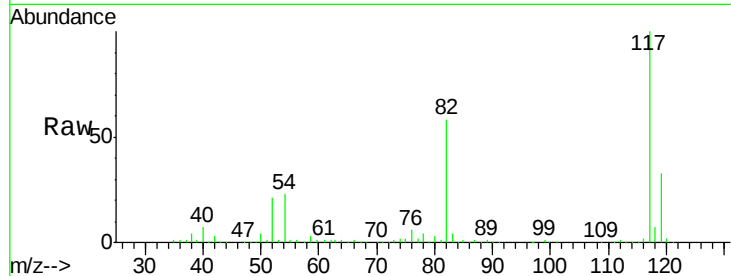
82 58.2 45.9 68.9

119 32.5 25.3 37.9

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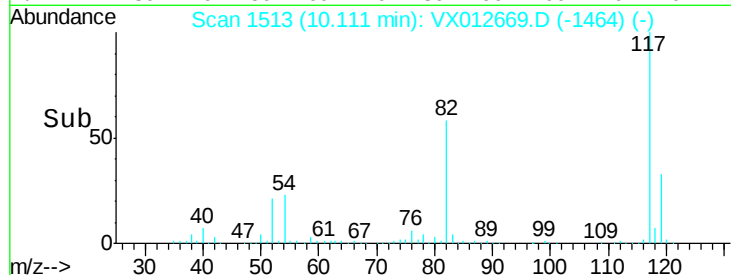


Abundance Ion 116.90 (116.60 to 117.60): V

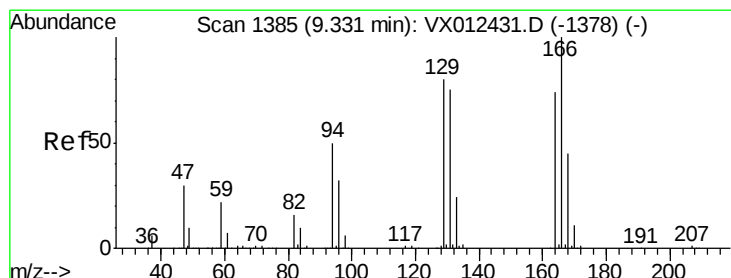
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#64

Tetrachloroethene

Concen: 19.820 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion:164 Resp: 41673

Ion Ratio Lower Upper

164 100

166 132.3 107.8 161.6

129 105.3 86.2 129.2

131 107.2 80.4 120.6

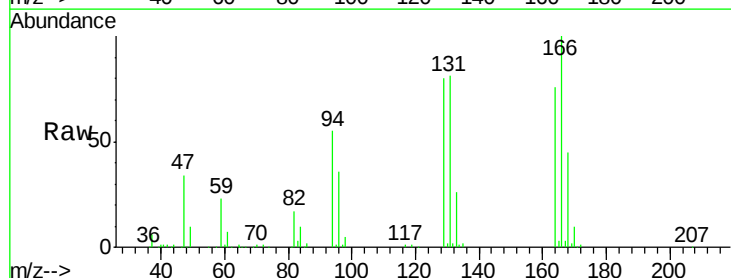
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

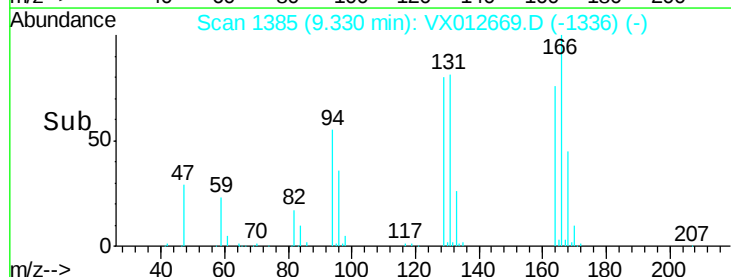
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

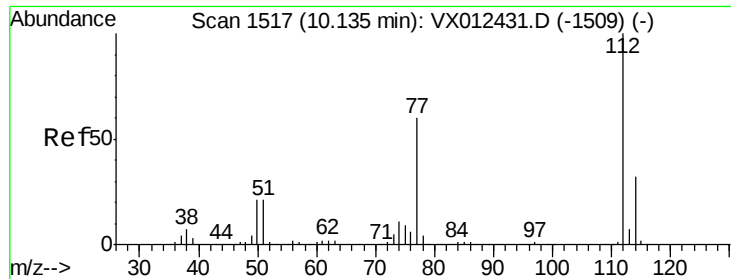
Time-->



Time-->



Time-->



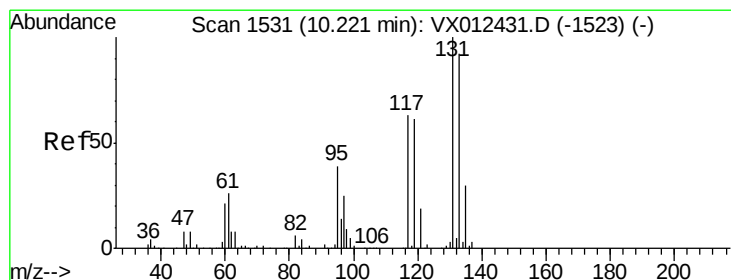
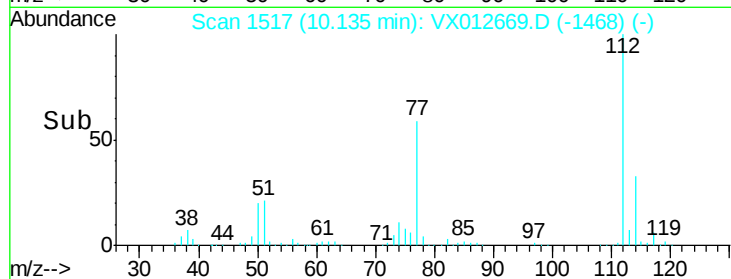
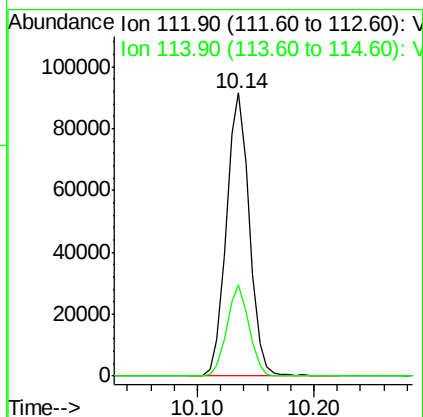
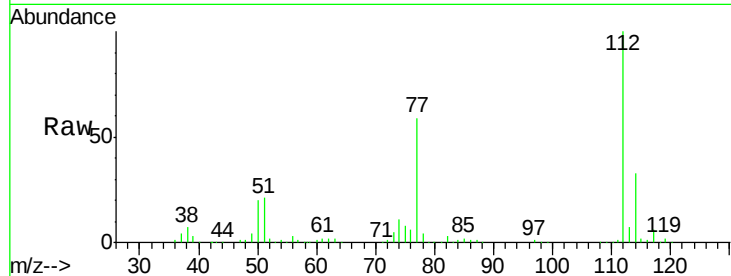
#65
Chlorobenzene
Concen: 19.658 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion:112 Resp: 124835
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

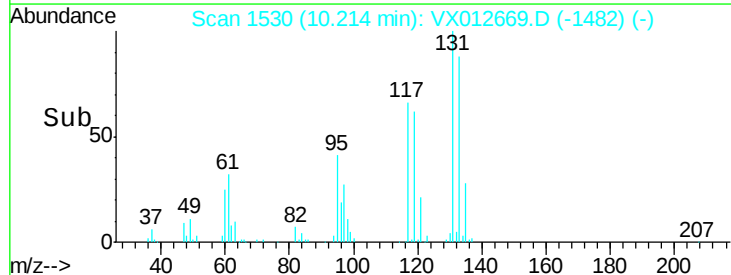
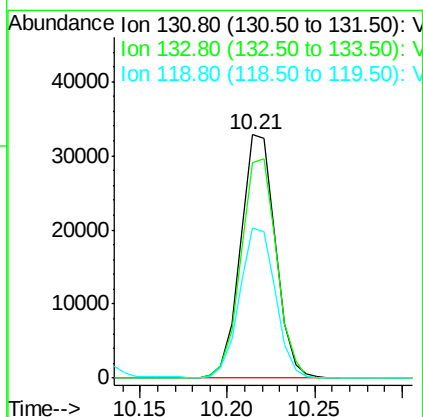
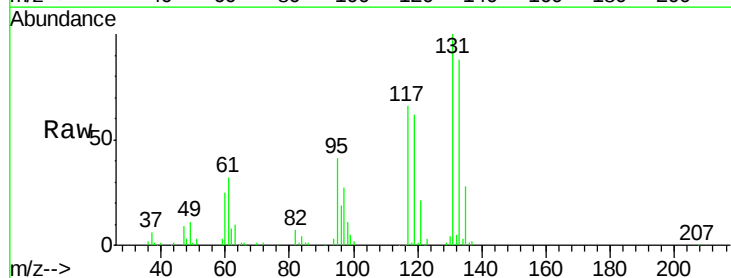
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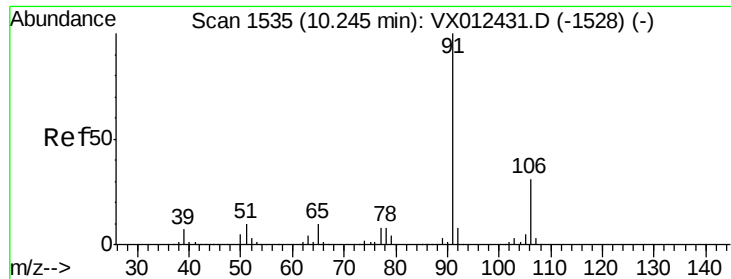
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.756 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion:131 Resp: 45456
Ion Ratio Lower Upper
131 100
133 92.2 47.6 142.9
119 63.6 31.3 93.8





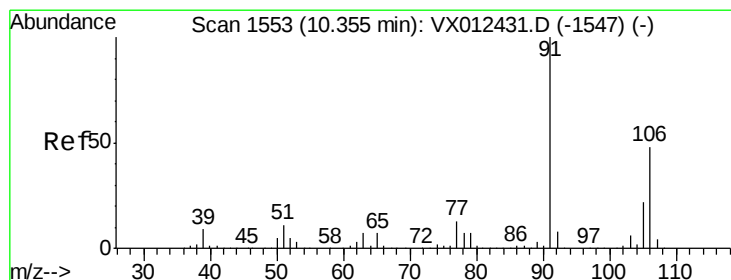
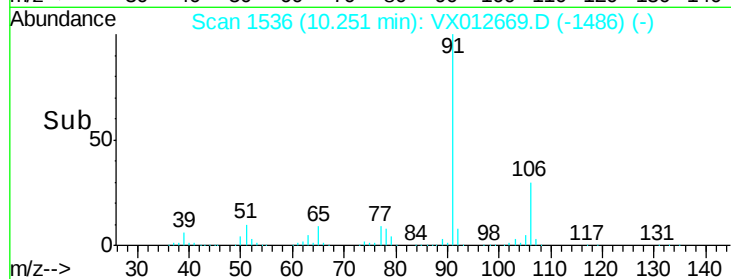
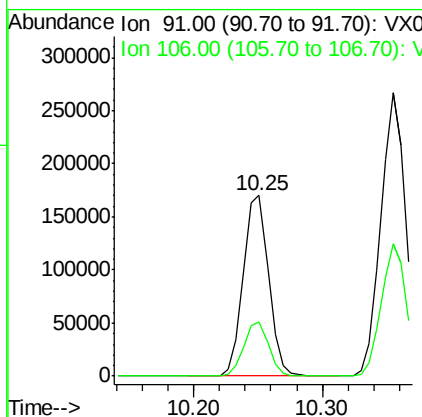
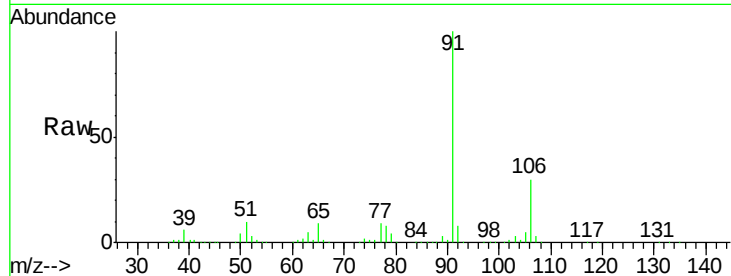
#67
Ethyl Benzene
Concen: 20.042 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 91 Resp: 230839
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

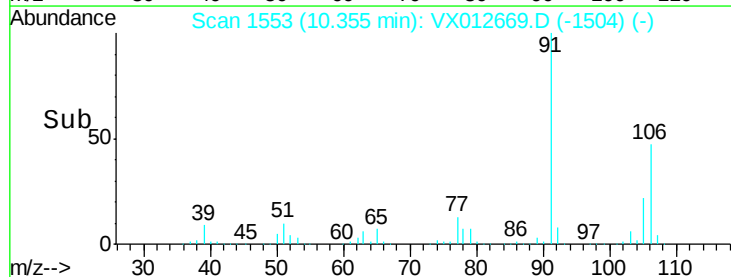
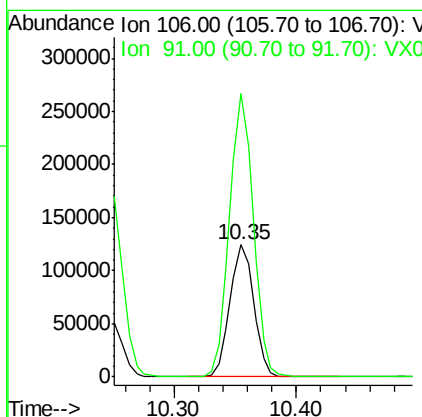
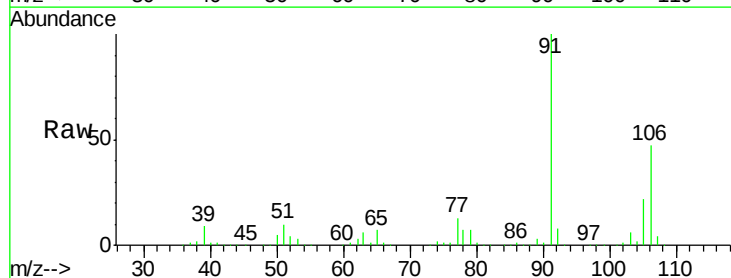
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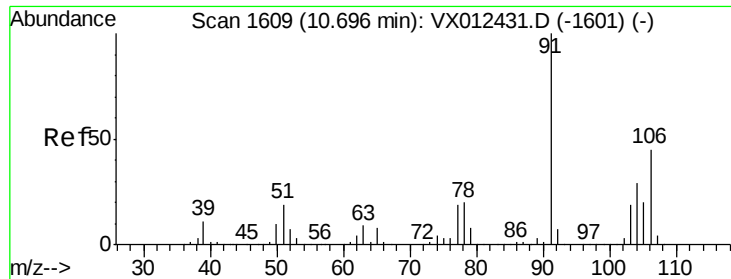
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#68
m/p-Xylenes
Concen: 38.915 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion: 106 Resp: 167901
Ion Ratio Lower Upper
106 100
91 214.2 166.6 250.0





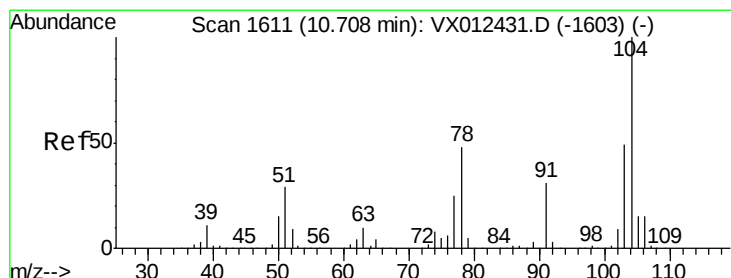
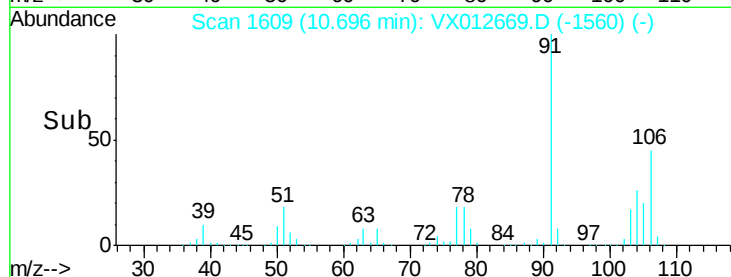
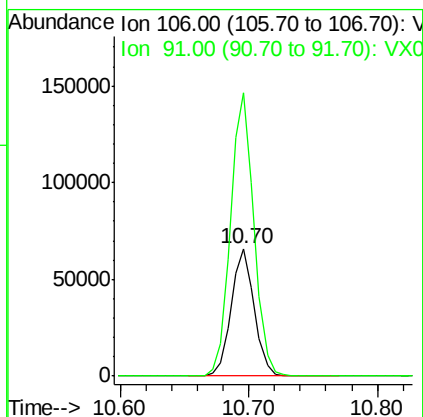
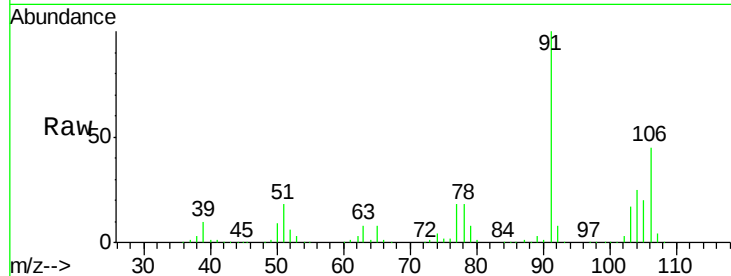
#69
o-Xylene
Concen: 19.818 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion:106 Resp: 82738
Ion Ratio Lower Upper
106 100
91 224.6 109.4 328.2

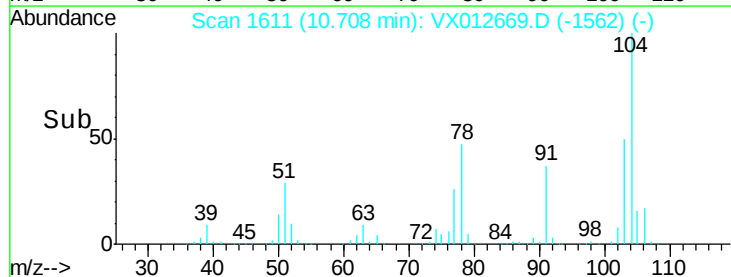
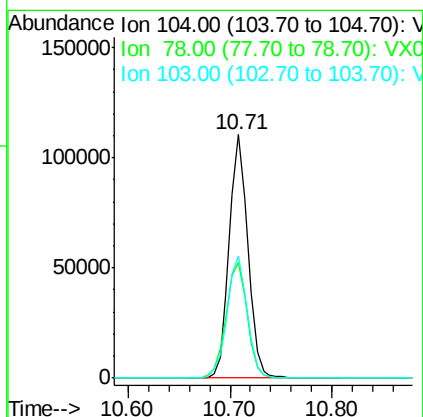
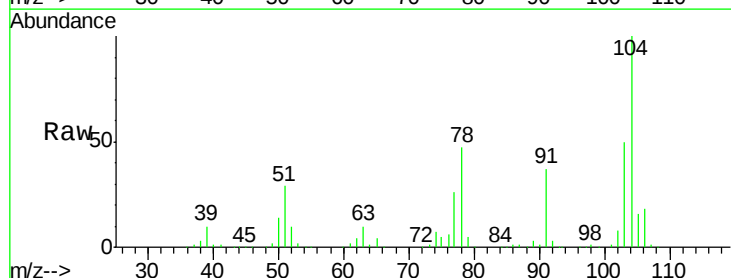
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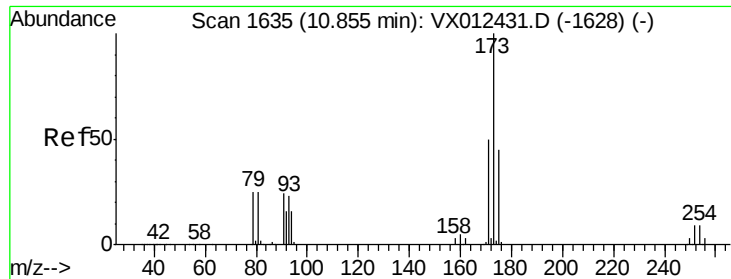
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#70
Styrene
Concen: 19.978 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion:104 Resp: 139820
Ion Ratio Lower Upper
104 100
78 54.0 43.4 65.2
103 54.3 43.3 64.9





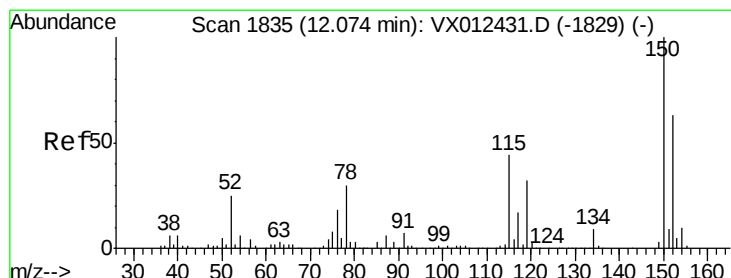
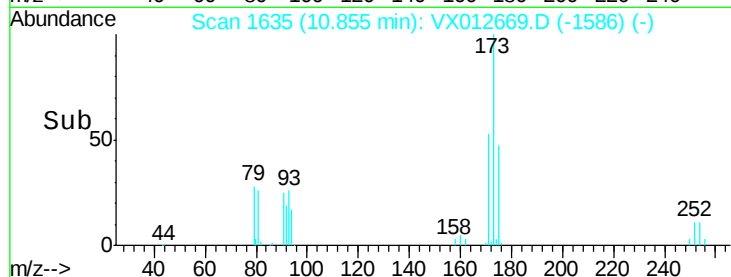
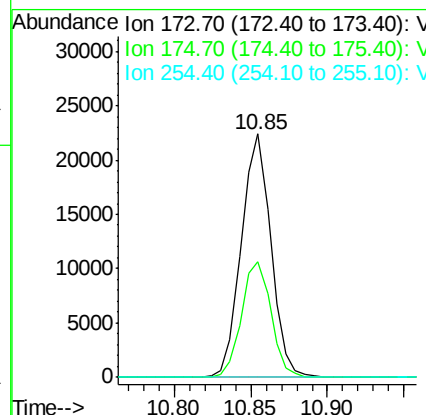
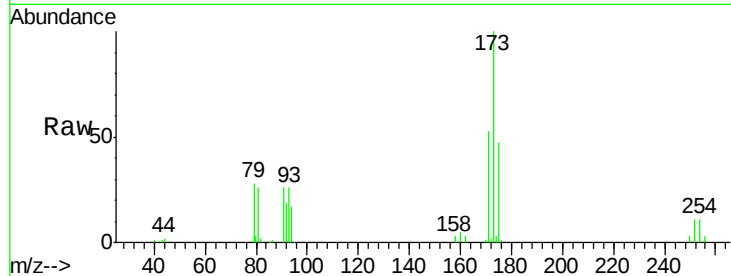
#71
Bromoform
Concen: 18.724 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	23.7	71.1
254	0.0	0.1	0.1#

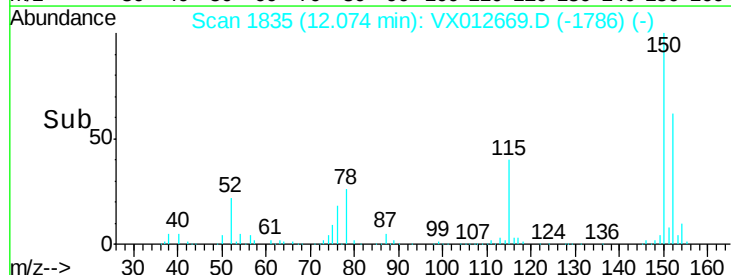
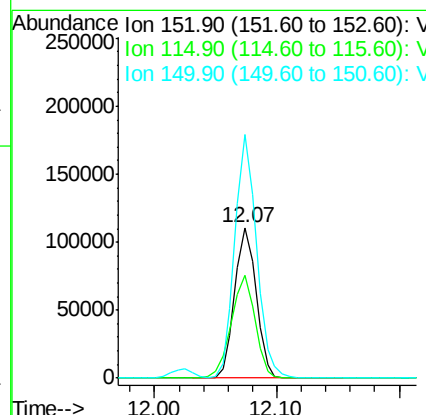
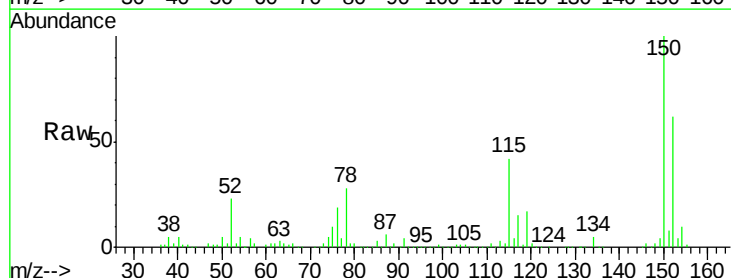
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.6	44.1	132.3
150	164.9	0.0	343.8





#73

Isopropylbenzene

Concen: 20.241 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion: 105 Resp: 220730

Ion Ratio Lower Upper

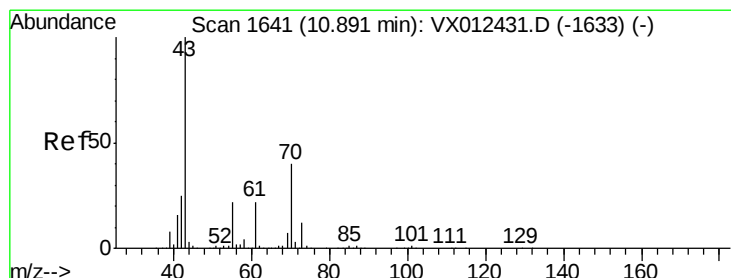
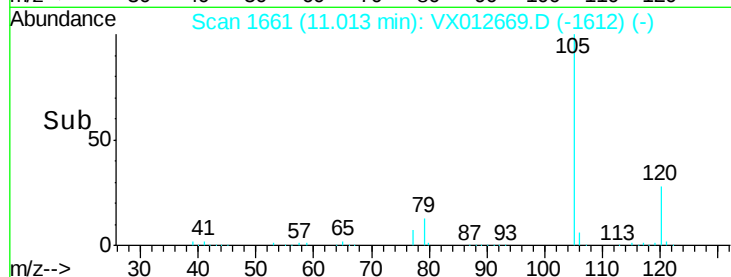
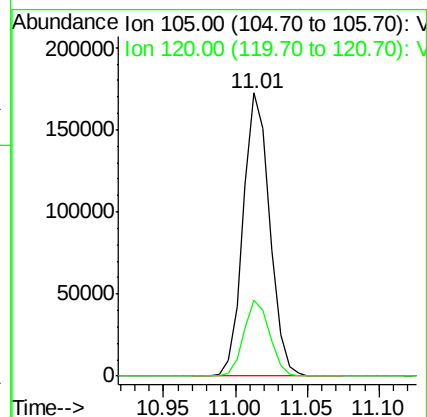
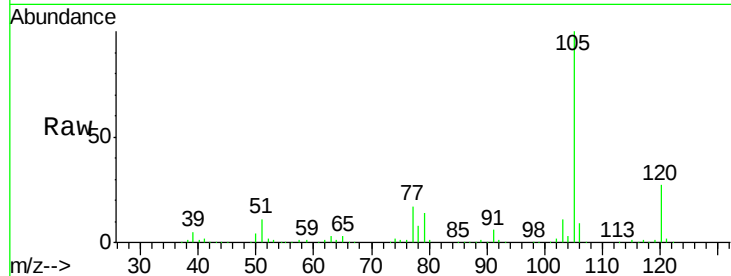
105 100

120 26.1 12.9 38.7

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#74

N-ethyl acetate

Concen: 20.107 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion: 43 Resp: 104610

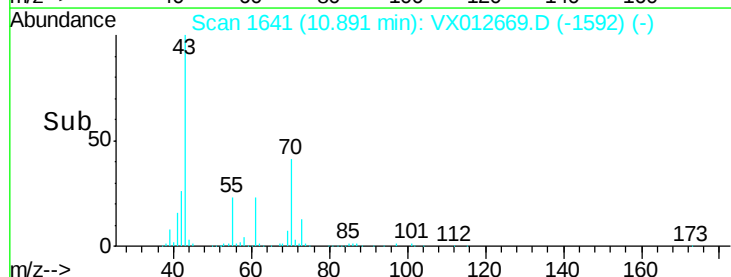
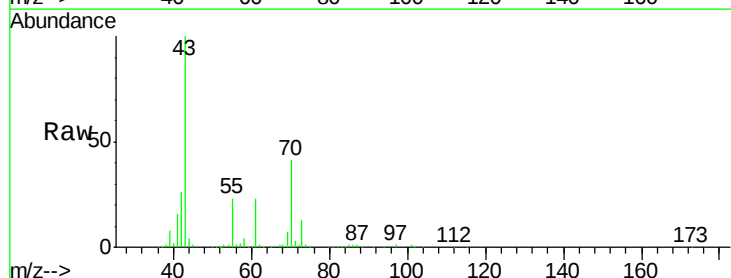
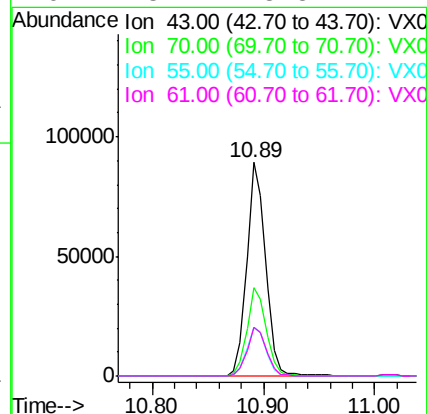
Ion Ratio Lower Upper

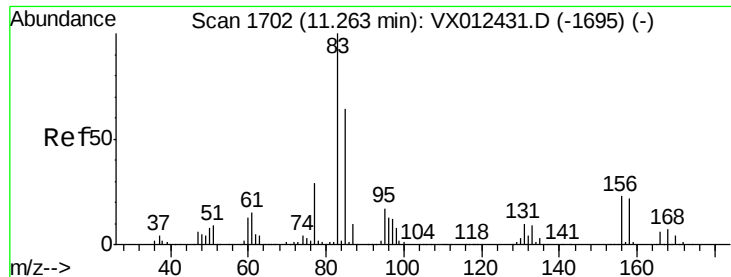
43 100

70 42.4 32.4 48.6

55 23.5 18.2 27.4

61 23.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.700 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

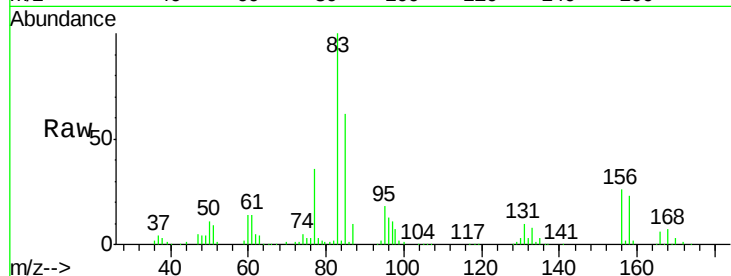
ClientSampleId :

VX0926WBS01

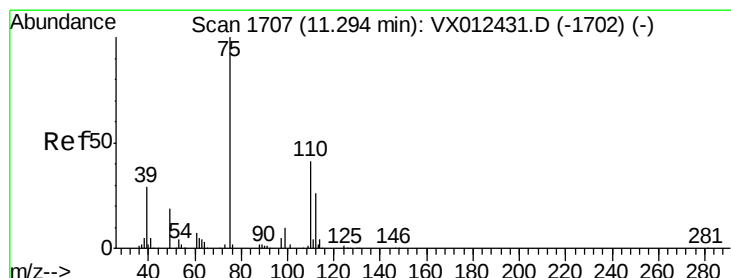
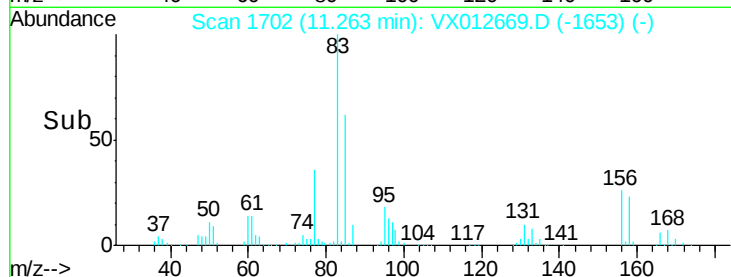
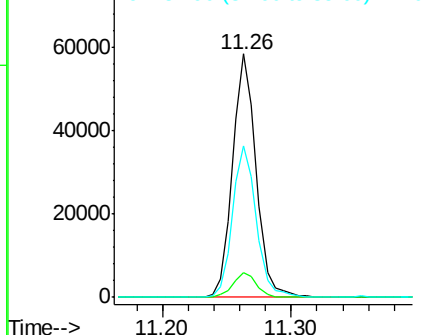
Tot Ion:	83	Resp:	74760
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.2	15.6
85	62.8	32.0	96.0

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.356 ug/l m

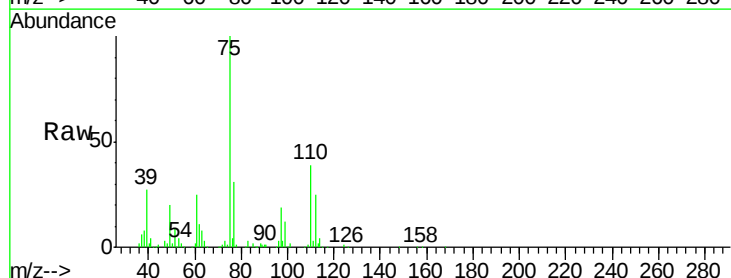
RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

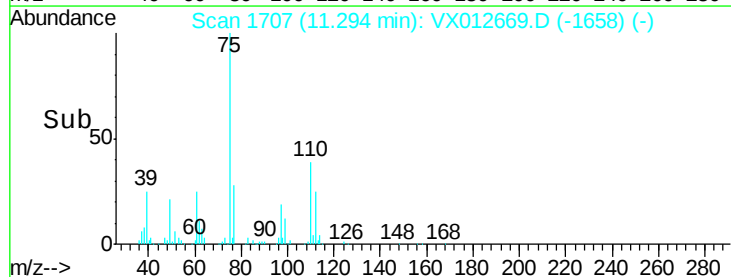
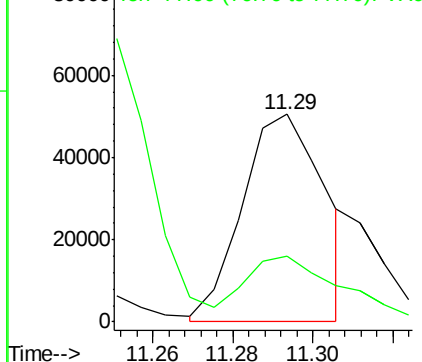
Lab File: VX012669.D

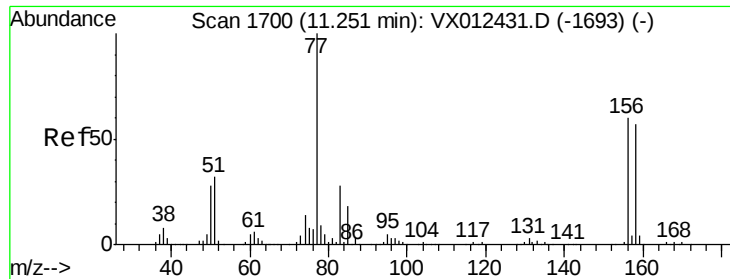
Acq: 26 Sep 2019 13:13

Tgt Ion:	75	Resp:	72098
Ion Ratio	Lower	Upper	
75	100		
77	37.8	19.7	59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.169 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion:156 Resp: 49781

Ion Ratio Lower Upper

156 100

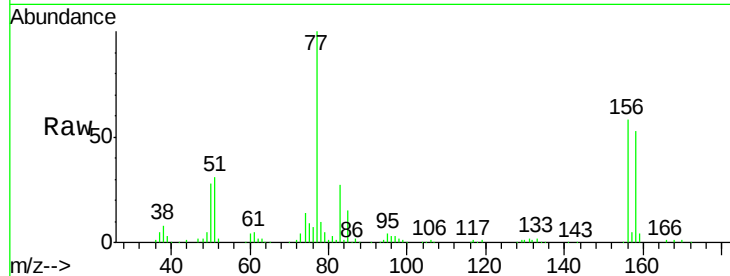
77 184.8 87.3 261.8

158 93.9 48.5 145.6

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

80000

60000

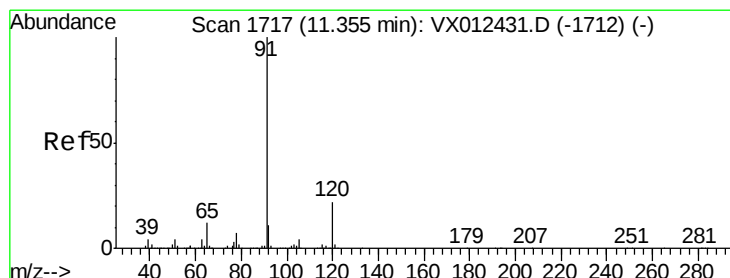
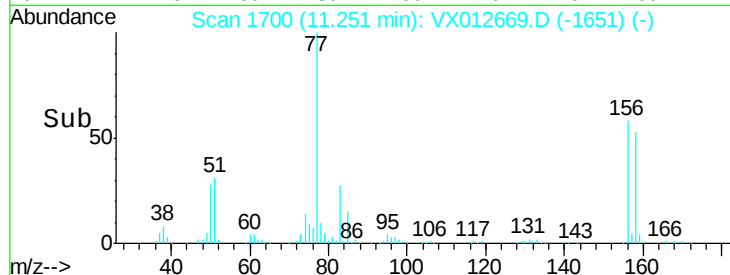
40000

20000

0

11.20 11.25 11.30 11.35

Time-->



#78

n-propylbenzene

Concen: 20.130 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012669.D

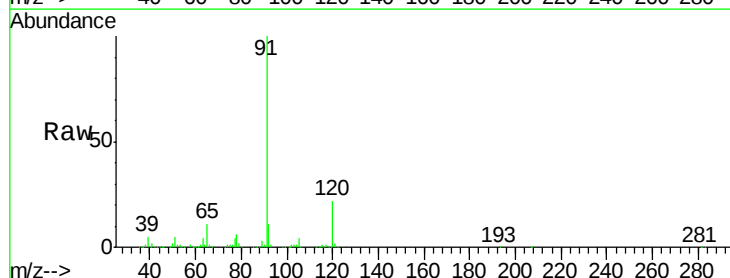
Acq: 26 Sep 2019 13:13

Tgt Ion: 91 Resp: 247148

Ion Ratio Lower Upper

91 100

120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

200000

150000

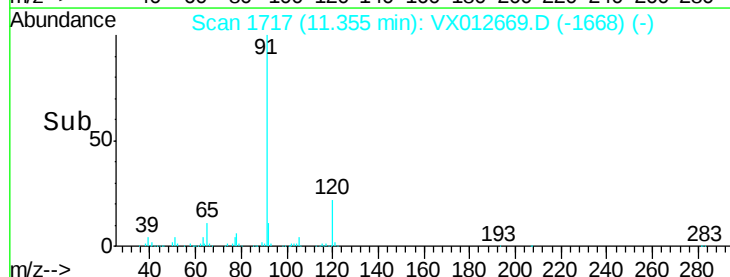
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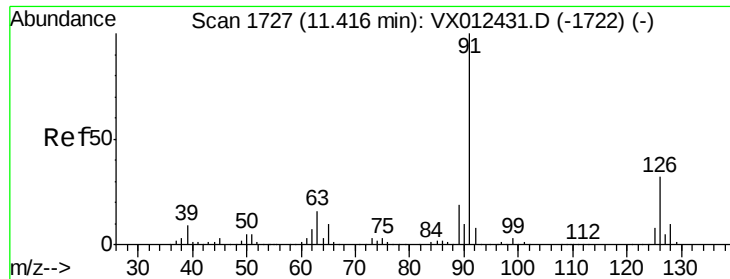
50000

0

11.30 11.35 11.40

Time-->





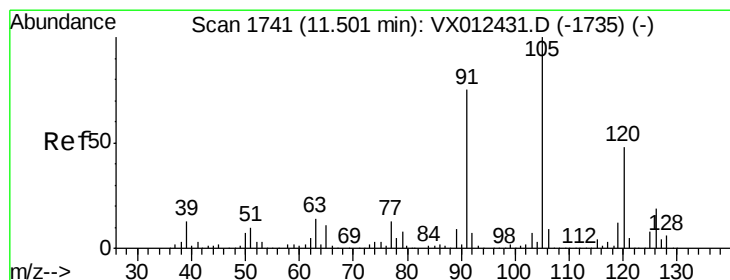
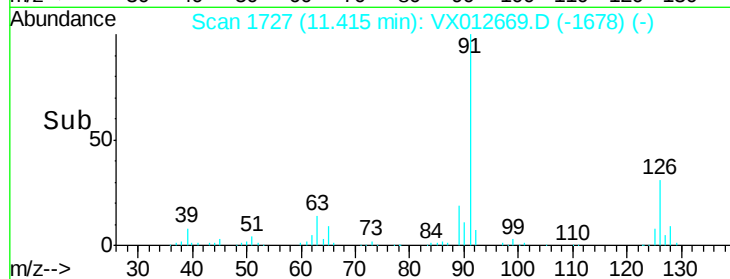
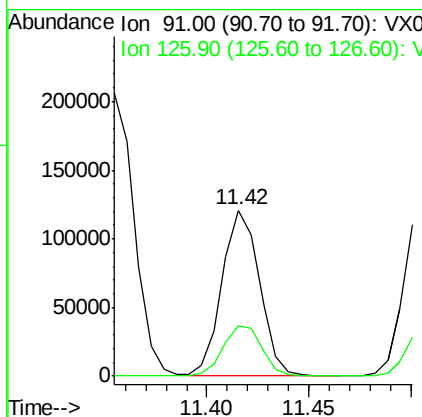
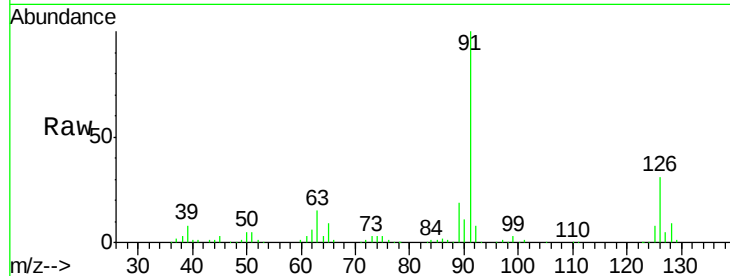
#79
2-Chlorotoluene
Concen: 20.039 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion: 91 Resp: 153477
Ion Ratio Lower Upper
91 100
126 31.4 16.4 49.4

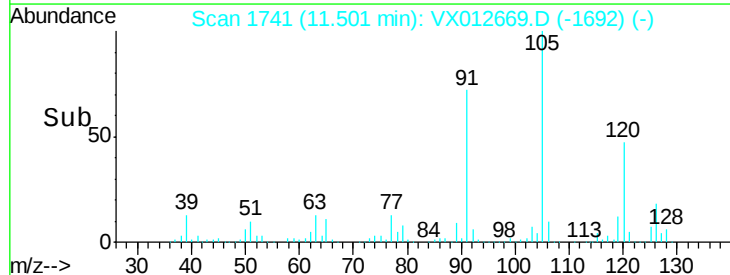
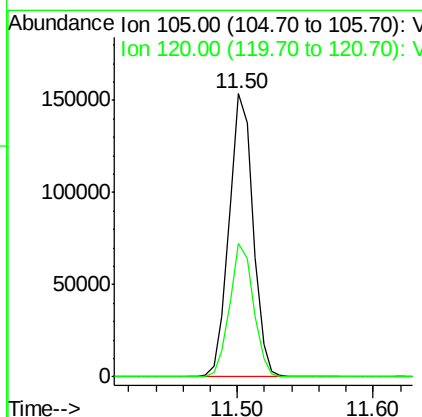
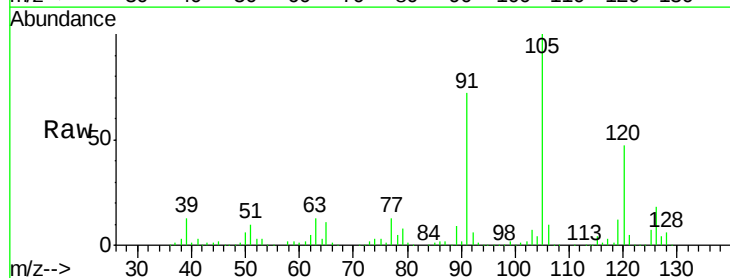
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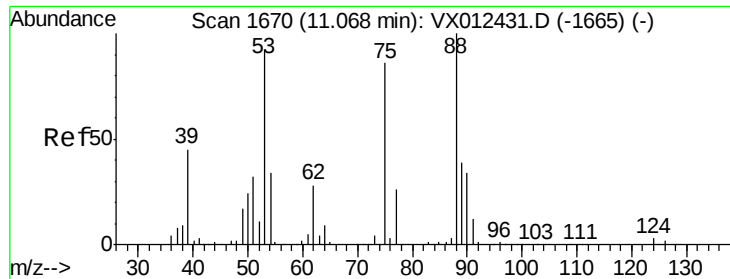
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#80
1,3,5-Trimethylbenzene
Concen: 20.597 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion: 105 Resp: 188357
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.8





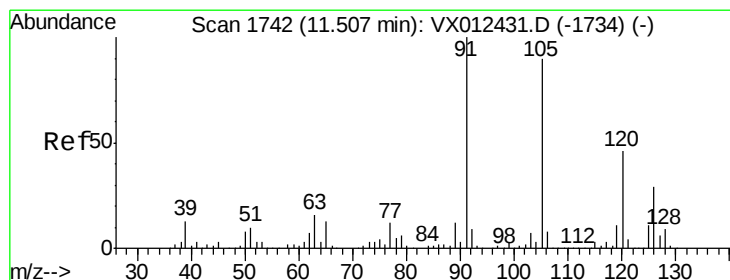
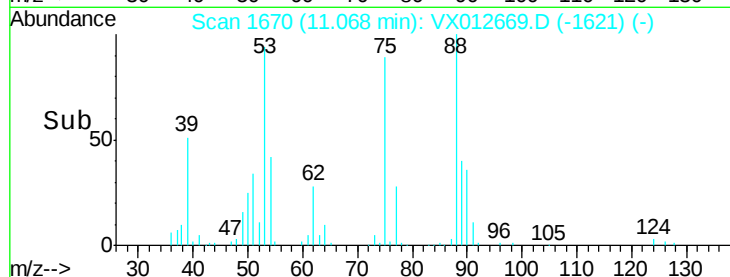
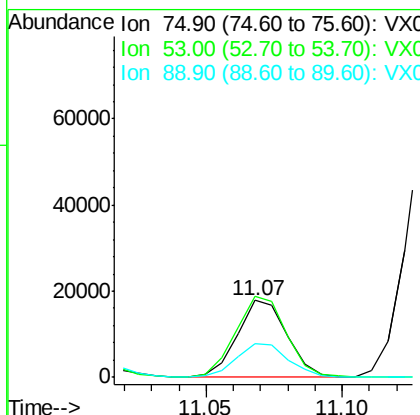
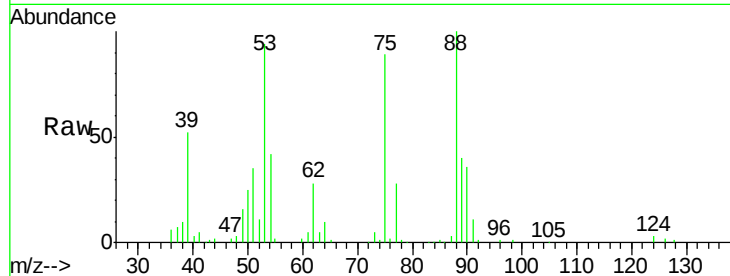
#81
trans-1,4-Dichloro-2-butene
Concen: 18.243 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.3	83.6	125.4
89	46.0	36.3	54.5

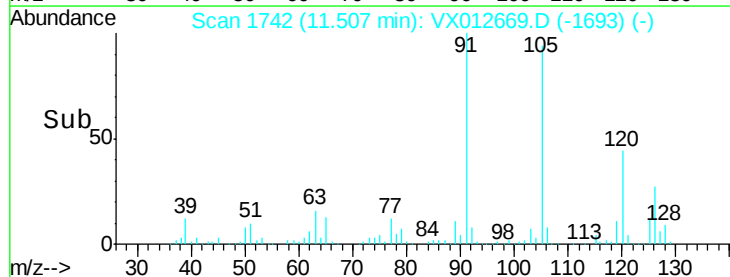
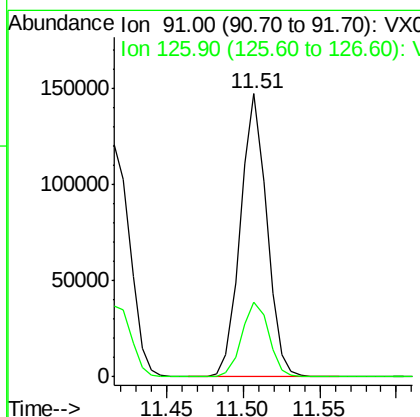
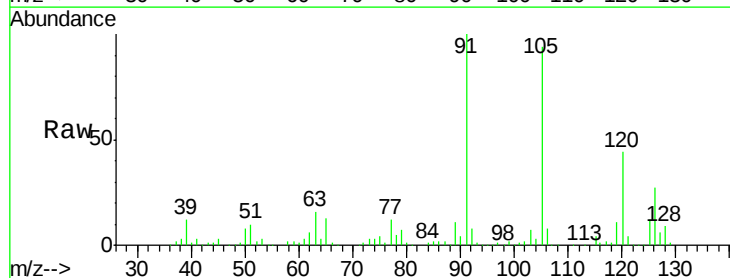
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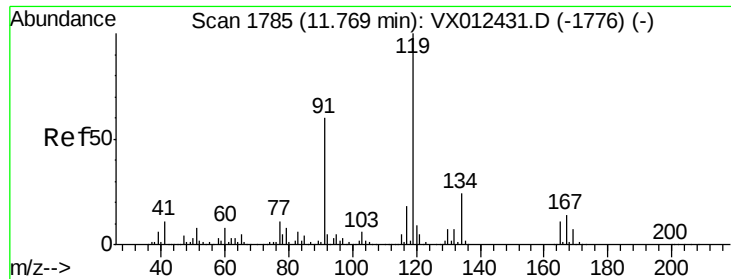
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#82
4-Chlorotoluene
Concen: 20.153 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.4	43.0





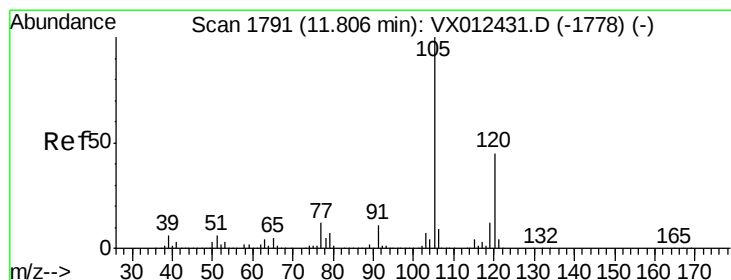
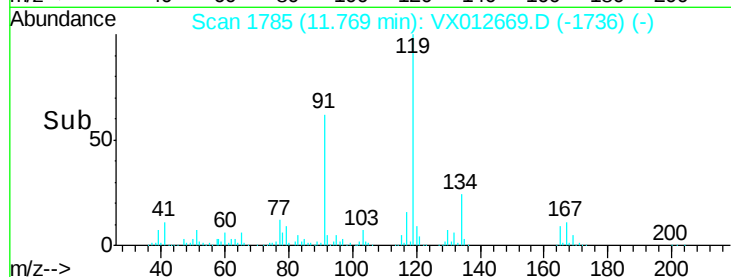
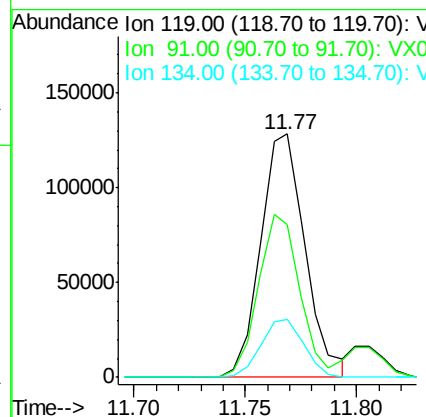
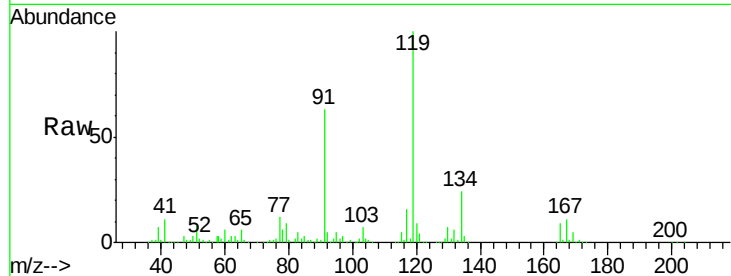
#83
 tert-Butylbenzene
 Concen: 20.211 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	178295		
91	62.3		30.0	90.0
134	22.9		11.3	33.9

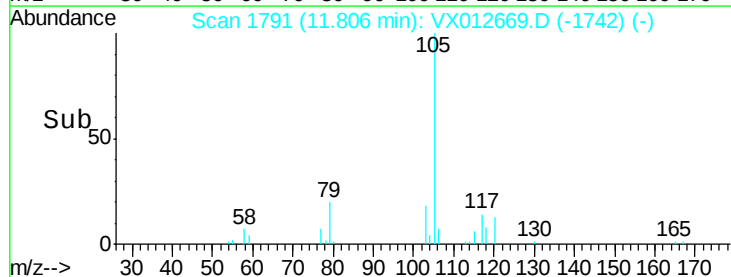
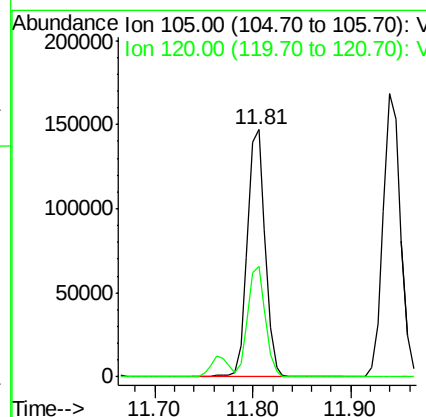
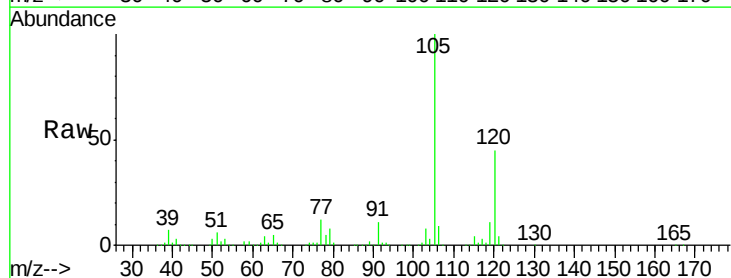
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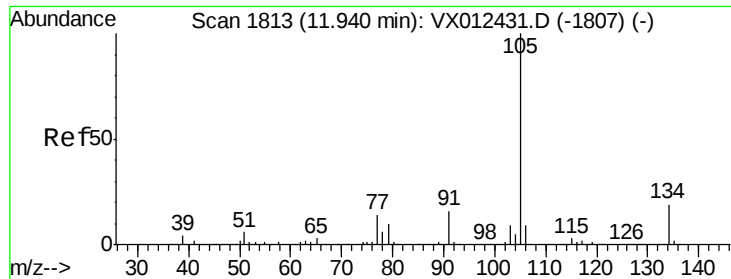
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.190 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186259		
120	44.0		22.2	66.6





#85

sec-Butylbenzene

Concen: 20.341 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBS01

Tot Ion:105 Resp: 208705

Ion Ratio Lower Upper

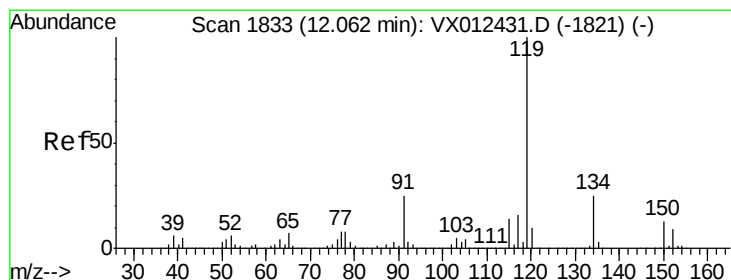
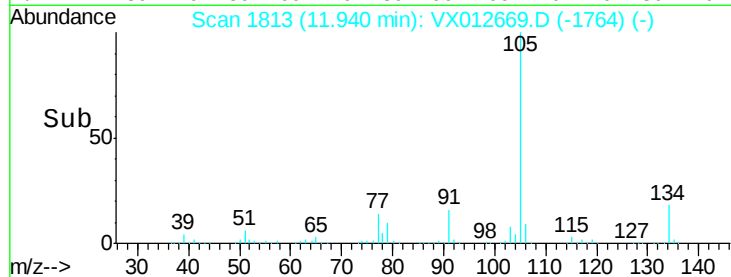
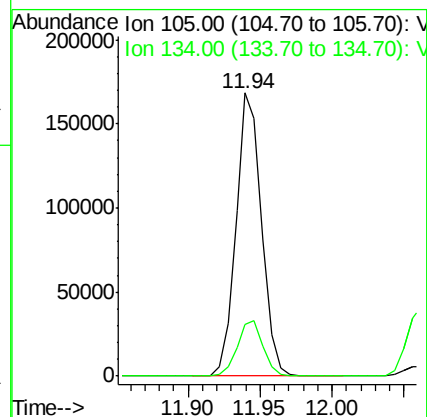
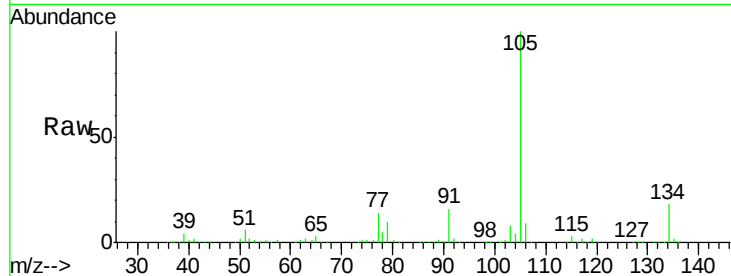
105 100

134 19.8 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 20.585 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

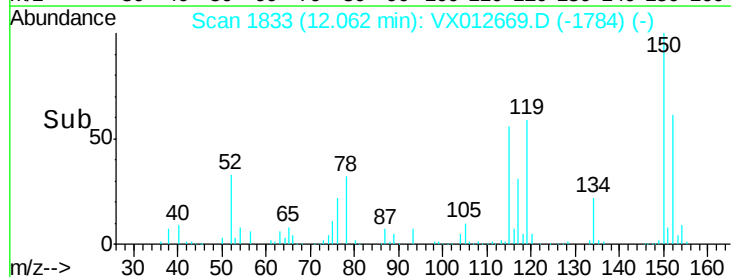
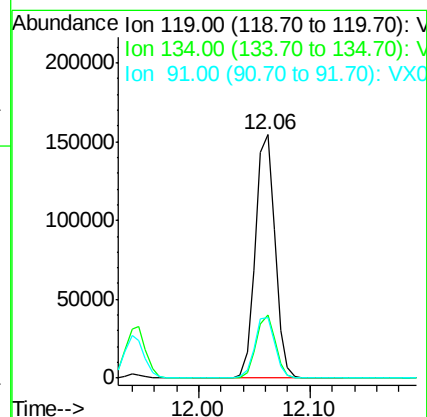
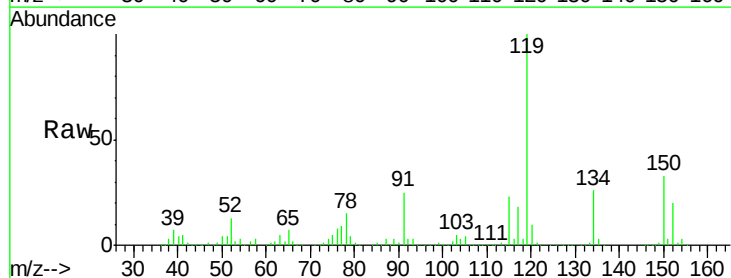
Tgt Ion:119 Resp: 190580

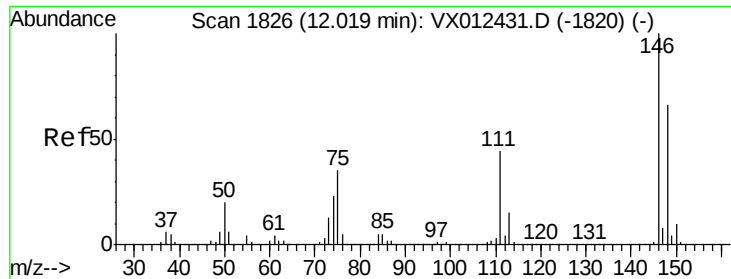
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

91 25.5 12.8 38.4





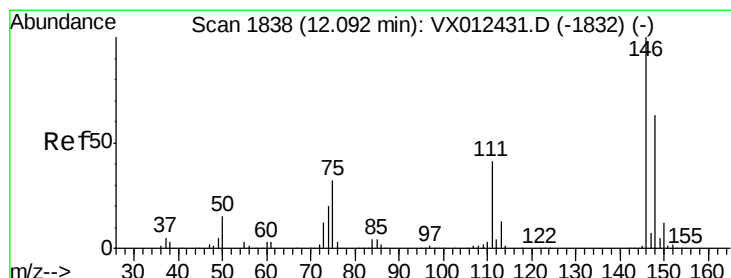
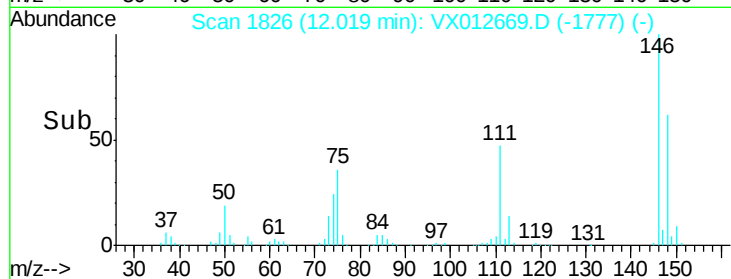
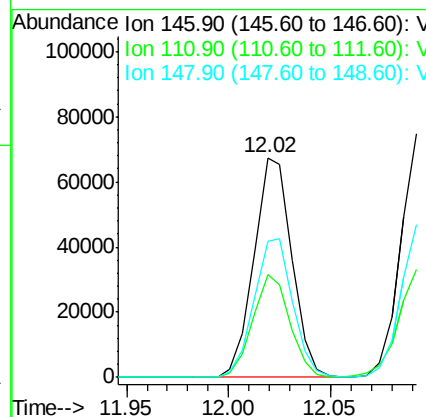
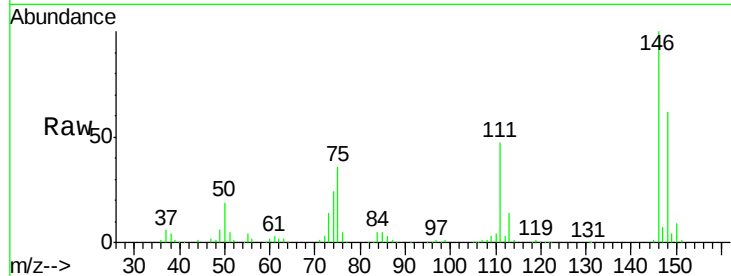
#87
 1,3-Dichlorobenzene
 Concen: 19.671 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0926WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.3	64.0
148	64.3	32.4	97.2

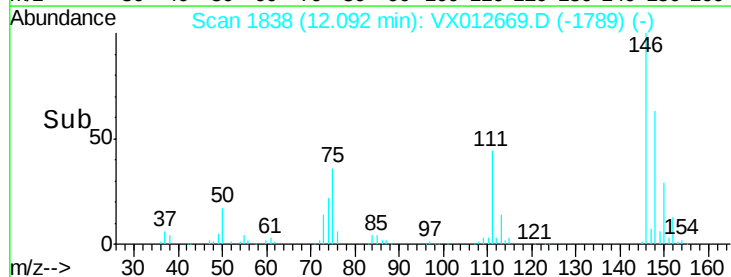
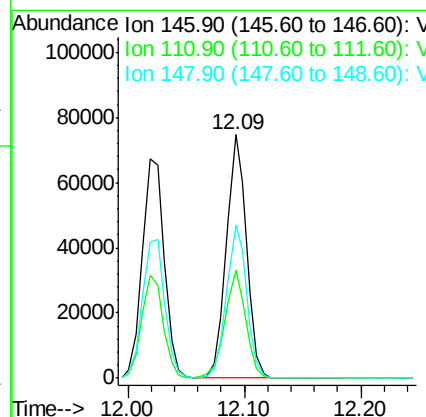
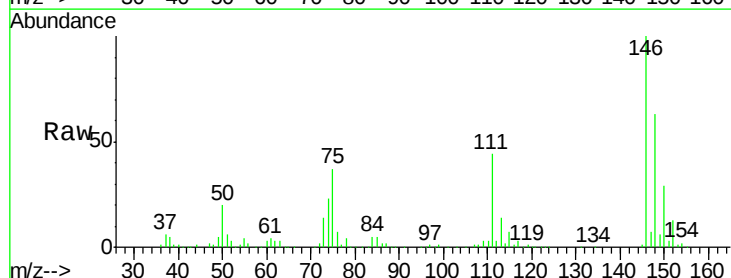
Manual Integrations
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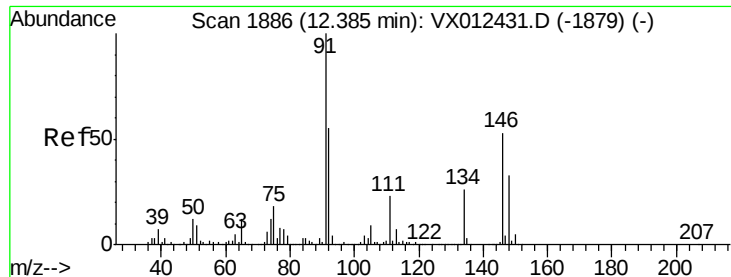
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#88
 1,4-Dichlorobenzene
 Concen: 19.844 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.6	21.1	63.3
148	62.9	32.1	96.5





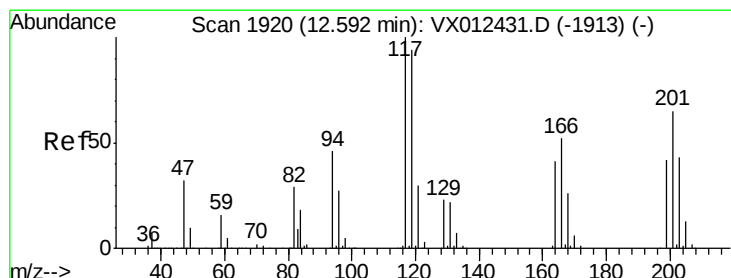
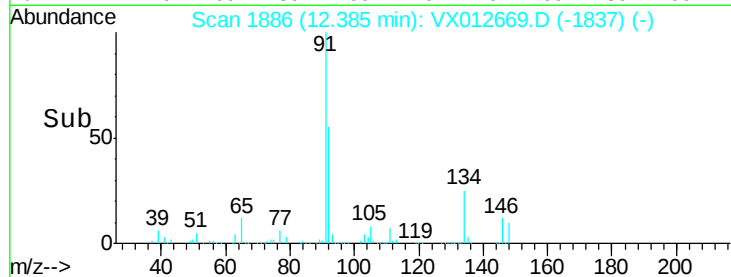
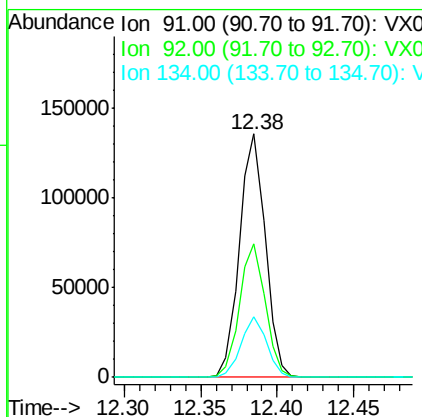
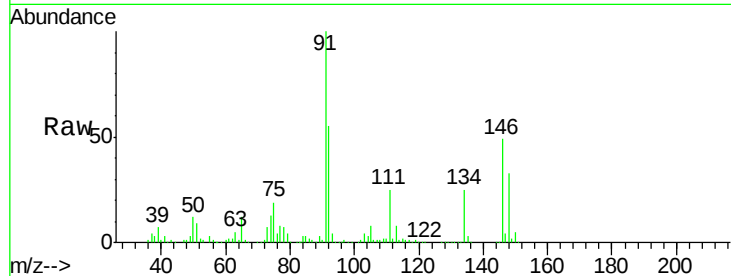
#89
n-Butylbenzene
Concen: 19.527 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0926WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	159306		
92	54.7		27.7	83.0
134	24.5		12.9	38.6

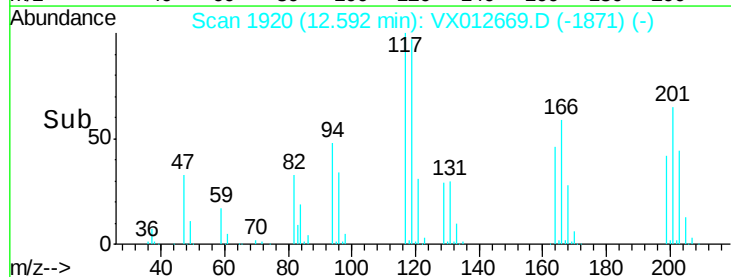
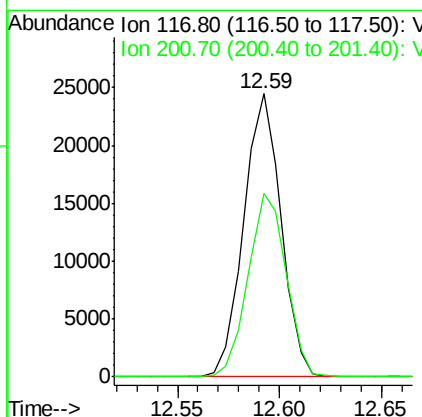
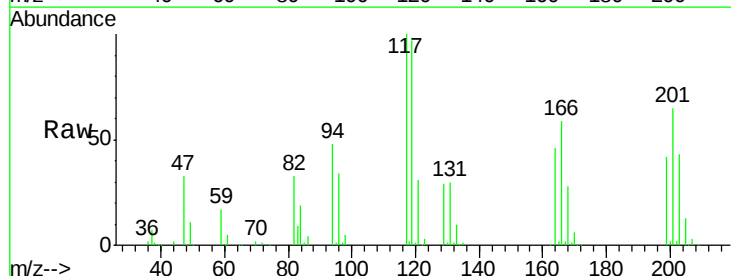
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#90
Hexachloroethane
Concen: 18.752 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012669.D
Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30952		
201	66.6		33.3	99.8





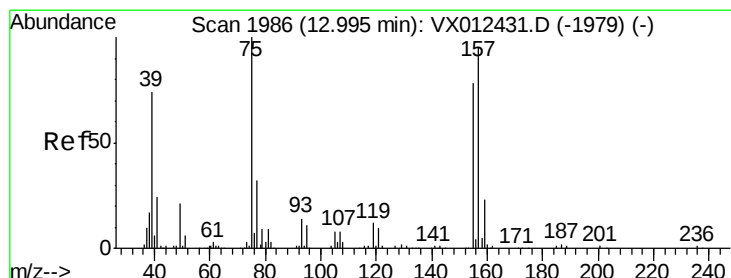
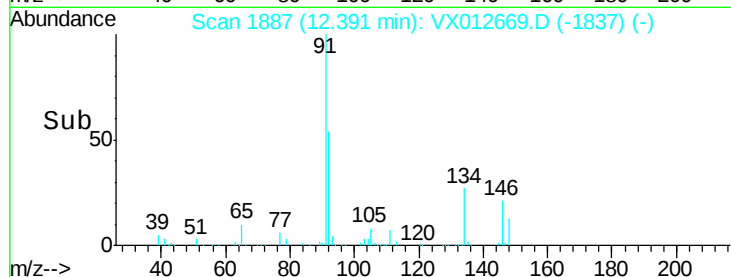
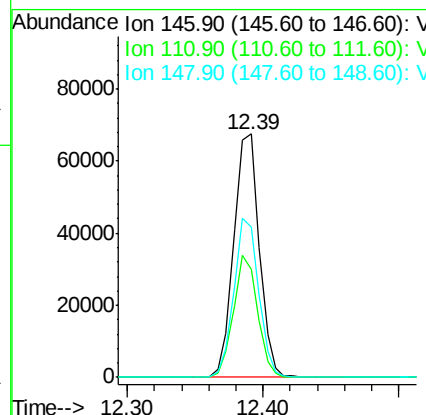
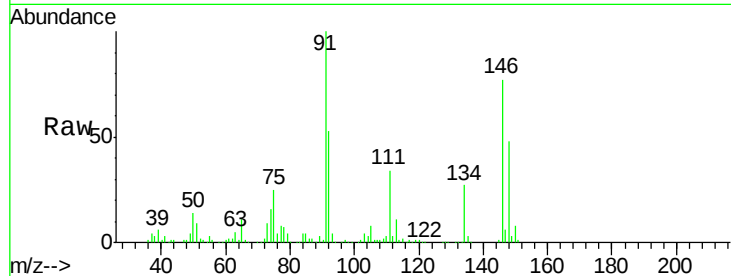
#91
 1,2-Dichlorobenzene
 Concen: 19.812 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.4	22.1	66.1
148	63.6	31.3	93.9

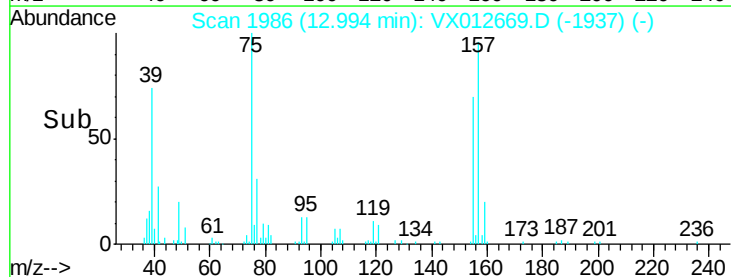
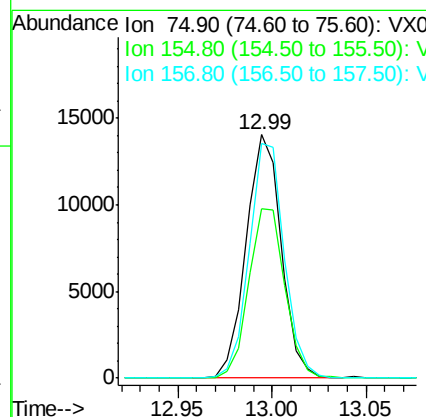
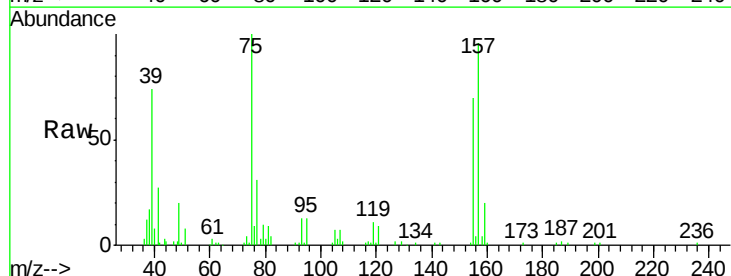
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.054 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012669.D
 Acq: 26 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.8	38.6	115.8
157	96.2	50.6	151.9





#93

1,2,4-Trichlorobenzene

Concen: 19.293 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

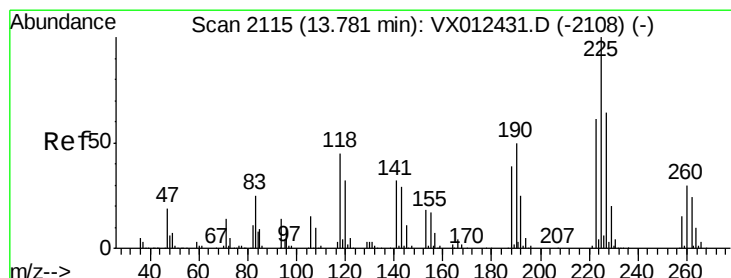
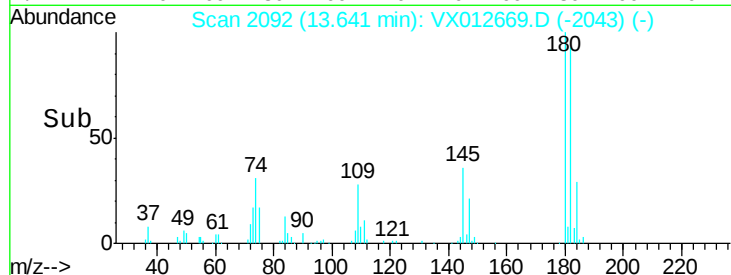
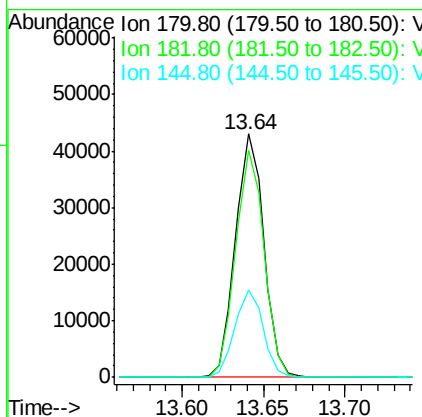
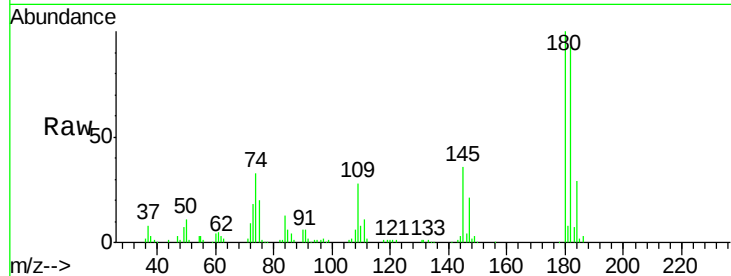
ClientSampleId :

VX0926WBS01

Tot Ion:	180	Resp:	52321
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.0	141.0
145	35.6	16.8	50.4

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:53:55 AM



#94

Hexachlorobutadiene

Concen: 19.765 ug/l

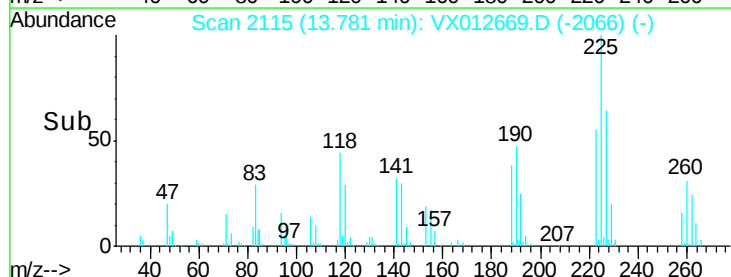
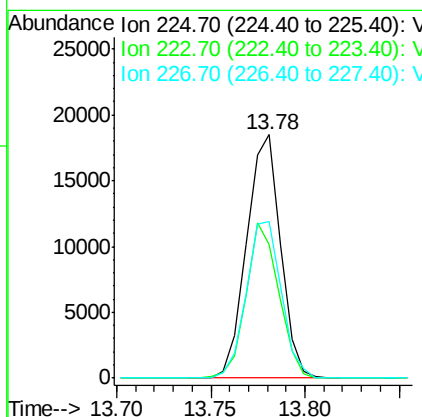
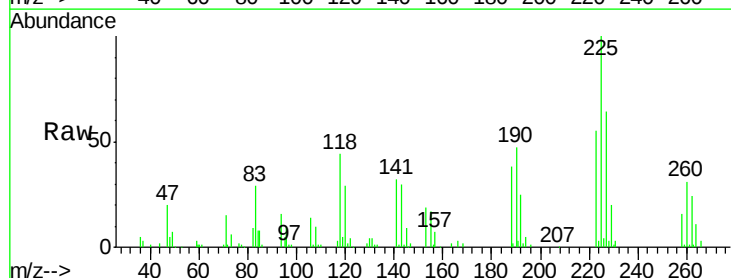
RT: 13.78 min Scan# 2115

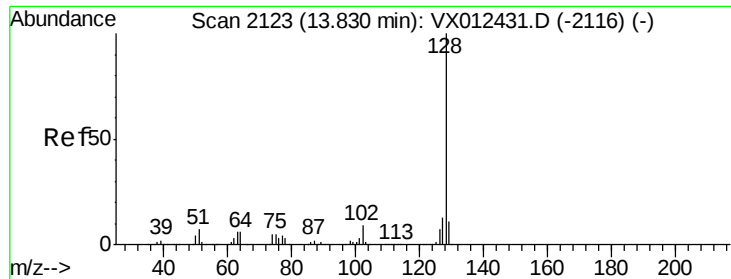
Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion:	225	Resp:	23059
Ion Ratio	Lower	Upper	
225	100		
223	61.4	32.0	96.2
227	66.7	31.9	95.5





#95

Naphthalene

Concen: 20.614 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Instrument :

MSVOA_X

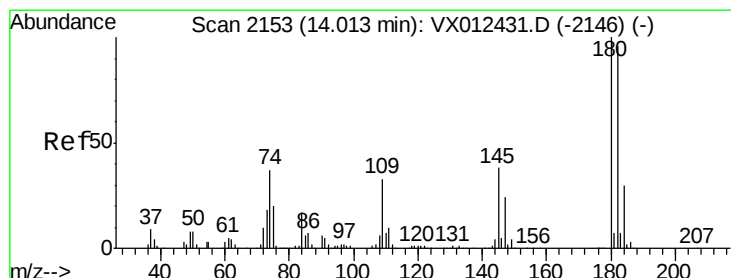
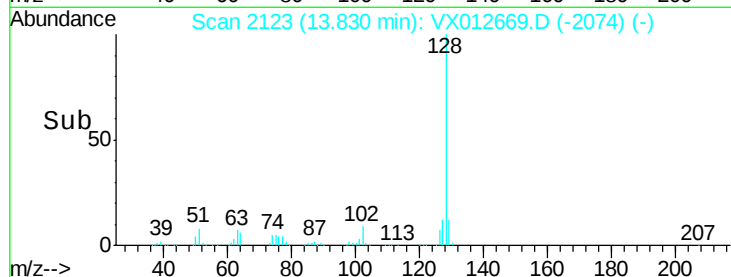
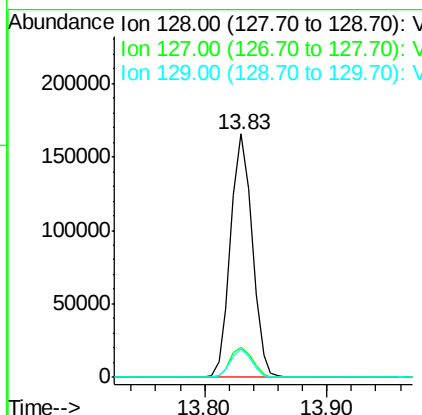
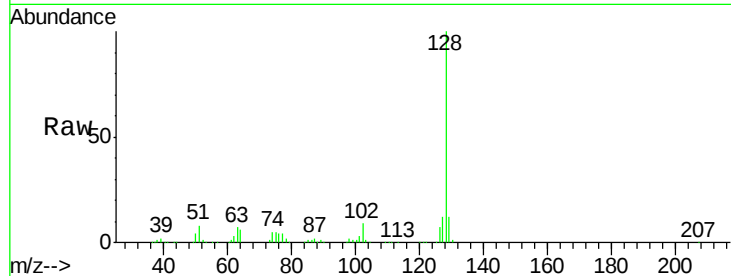
ClientSampleId :

VX0926WBS01

Tot Ion:	128	Resp:	202264
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:53:55 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.177 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012669.D

Acq: 26 Sep 2019 13:13

Tgt Ion:	180	Resp:	54814
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.1	141.3
145	37.0	18.0	54.0

