

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062440.D
 Acq On : 9 Jul 2020 5:35
 Operator : JC/MD
 Sample : L3215-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.156	103	119	136	rBV	511827	752387	1.37%	0.269%
2	2.773	294	311	338	rBV	1782609	3634345	6.60%	1.298%
3	3.104	398	414	447	rVB3	1051617	2672418	4.85%	0.954%
4	3.284	453	470	493	rBV	322985	713951	1.30%	0.255%
5	3.529	531	546	575	rVB	793823	1927120	3.50%	0.688%
6	4.384	781	812	827	rBV2	247279	793287	1.44%	0.283%
7	4.548	828	863	920	rVB6	832570	5240214	9.52%	1.871%
8	5.001	972	1004	1038	rBV3	835377	3097135	5.63%	1.106%
9	5.522	1141	1166	1195	rBV	359135	1120027	2.03%	0.400%
10	5.879	1263	1277	1300	rVB	317185	995128	1.81%	0.355%
11	6.021	1300	1321	1338	rBV2	183139	590712	1.07%	0.211%
12	6.326	1396	1416	1443	rVB2	261086	801468	1.46%	0.286%
13	6.580	1475	1495	1513	rBV2	963574	2949426	5.36%	1.053%
14	7.349	1721	1734	1753	rVB2	329583	871550	1.58%	0.311%
15	7.612	1777	1816	1833	rBV8	825561	3239423	5.88%	1.157%
16	7.705	1834	1845	1864	rVB3	379335	1069270	1.94%	0.382%
17	7.837	1864	1886	1901	rBV2	525507	1368406	2.49%	0.489%
18	8.005	1917	1938	1957	rBV	7540382	18608868	33.80%	6.645%
19	8.127	1959	1976	1983	rVV8	447950	1280593	2.33%	0.457%
20	8.197	1984	1998	2013	rVB	4455429	10708600	19.45%	3.824%
21	8.400	2040	2061	2088	rVB3	237627	733361	1.33%	0.262%
22	8.548	2088	2107	2129	rBV4	918238	2501874	4.54%	0.893%
23	9.046	2233	2262	2275	rBV2	1078292	3111793	5.65%	1.111%
24	9.239	2310	2322	2335	rVB	281647	562978	1.02%	0.201%
25	9.583	2418	2429	2437	rBV	608081	1183921	2.15%	0.423%
26	9.934	2524	2538	2549	rVB3	371009	1001009	1.82%	0.357%
27	10.059	2564	2577	2586	rBV2	885990	1757825	3.19%	0.628%
28	10.127	2586	2598	2610	rVB	4919806	9025214	16.39%	3.223%
29	10.490	2701	2711	2729	rVB4	447386	951742	1.73%	0.340%
30	11.381	2976	2988	3007	rBV	716538	1526755	2.77%	0.545%
31	11.483	3008	3020	3038	rVV	6880720	12010903	21.82%	4.289%
32	11.596	3039	3055	3077	rVV	25880027	55050748	100.00%	19.658%
33	11.921	3136	3156	3176	rVB	12591154	22317789	40.54%	7.969%
34	12.223	3240	3250	3261	rVB	475041	775319	1.41%	0.277%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
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Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.377	3285	3298	3309	rBV	547596	941609	1.71%	0.336%
36	12.567	3345	3357	3365	rBV	616084	975773	1.77%	0.348%
37	12.631	3365	3377	3383	rVV	6615994	11284719	20.50%	4.030%
38	12.664	3383	3387	3394	rVV	3796592	5349455	9.72%	1.910%
39	12.709	3394	3401	3420	rVB	4689476	7357150	13.36%	2.627%
40	12.866	3436	3450	3467	rBV	3851787	6360762	11.55%	2.271%
41	13.017	3482	3497	3509	rBV	14319902	24347115	44.23%	8.694%
42	13.348	3580	3600	3629	rVB	5009341	9224870	16.76%	3.294%
43	13.519	3631	3653	3660	rVV	4411353	8409953	15.28%	3.003%
44	13.557	3660	3665	3683	rVB2	1723517	2923718	5.31%	1.044%
45	13.708	3700	3712	3723	rVB2	625352	1330487	2.42%	0.475%
46	13.776	3723	3733	3738	rBV	1309385	2065370	3.75%	0.738%
47	13.863	3751	3760	3770	rVB	2018544	3026621	5.50%	1.081%
48	13.969	3784	3793	3809	rVB2	1511455	2427248	4.41%	0.867%
49	14.101	3824	3834	3845	rVB	517937	812182	1.48%	0.290%
50	14.184	3845	3860	3866	rBV	1280621	2043752	3.71%	0.730%
51	14.223	3866	3872	3881	rVB	1720669	2497427	4.54%	0.892%
52	14.451	3933	3943	3952	rBV	1253251	1910717	3.47%	0.682%
53	14.567	3966	3979	3990	rBV3	2018127	3929840	7.14%	1.403%
54	14.628	3990	3998	4010	rVB4	360954	617679	1.12%	0.221%
55	14.715	4014	4025	4040	rBV2	362376	635926	1.16%	0.227%
56	14.824	4040	4059	4066	rBV5	471977	1133324	2.06%	0.405%
57	14.930	4079	4092	4108	rVB2	431188	954980	1.73%	0.341%
58	15.104	4126	4146	4159	rBV	1625778	2842368	5.16%	1.015%
59	16.120	4450	4462	4488	rVB	476600	991313	1.80%	0.354%
60	16.313	4506	4522	4540	rBV	322402	702221	1.28%	0.251%

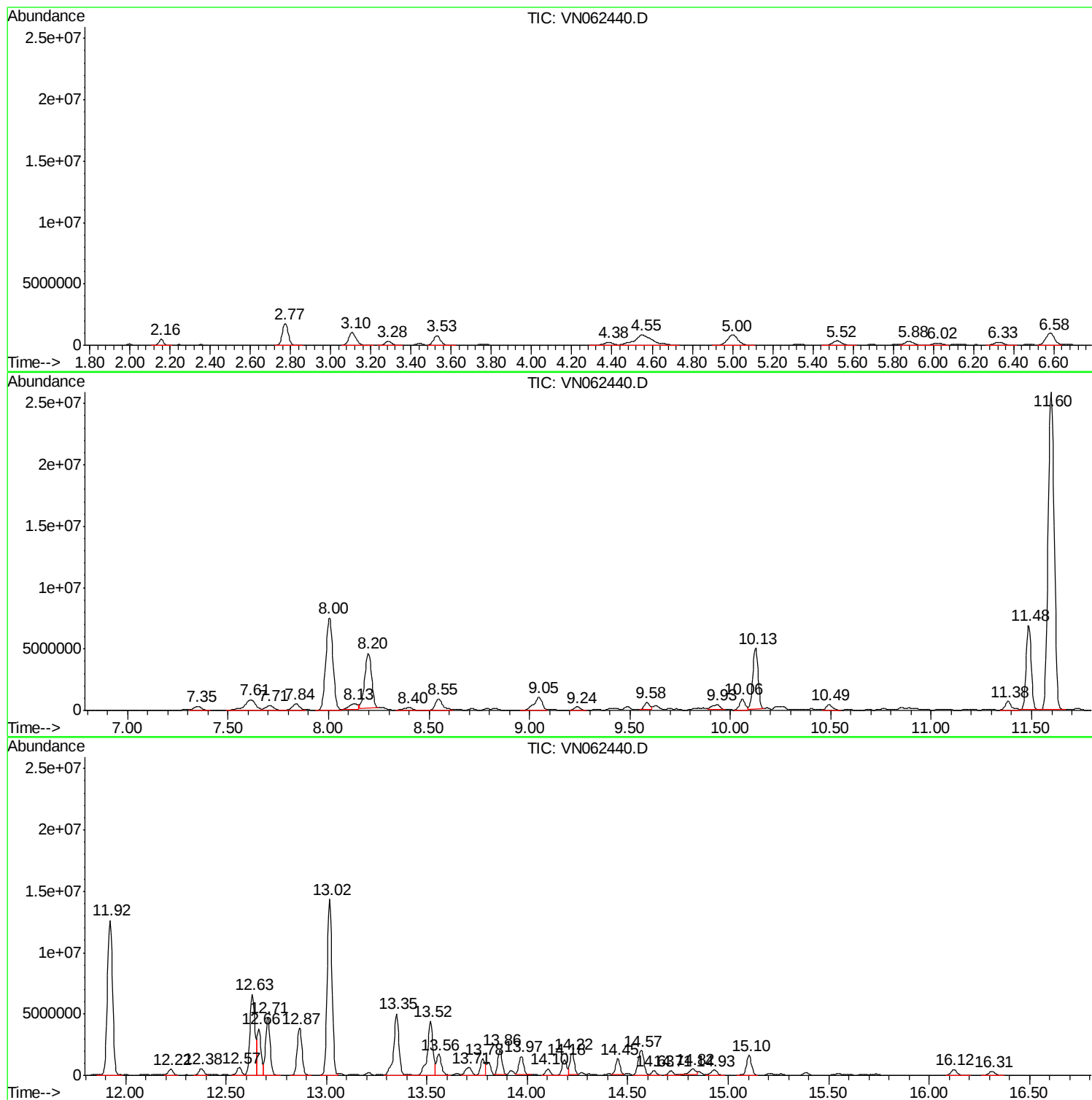
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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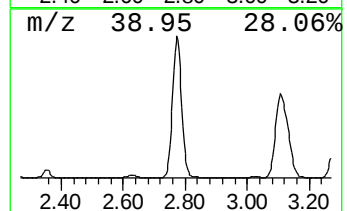
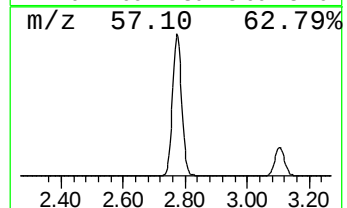
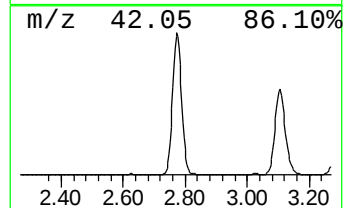
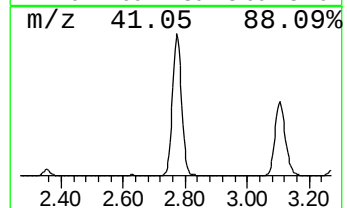
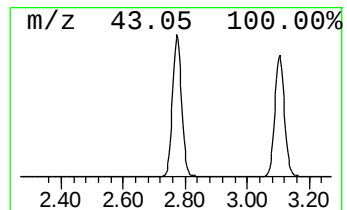
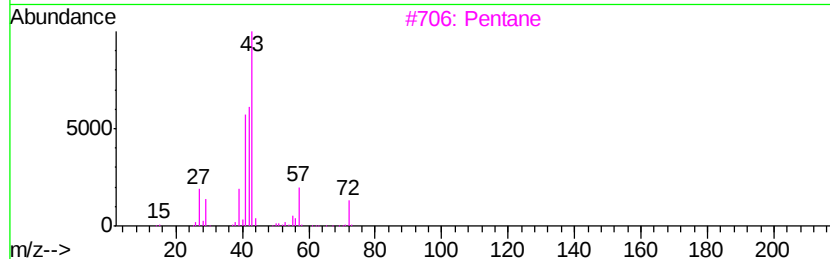
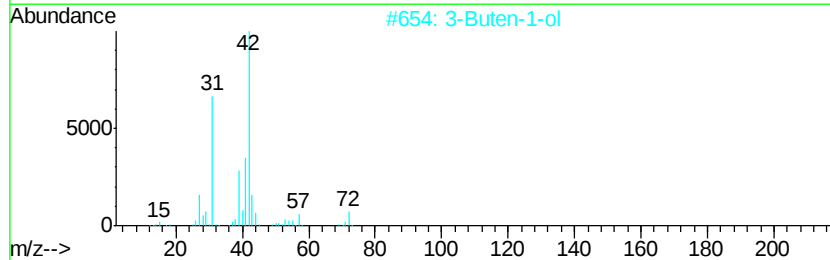
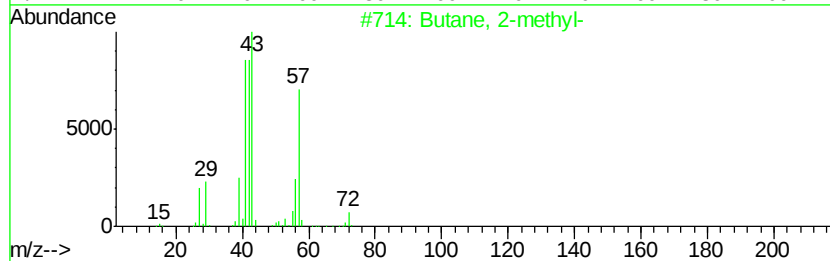
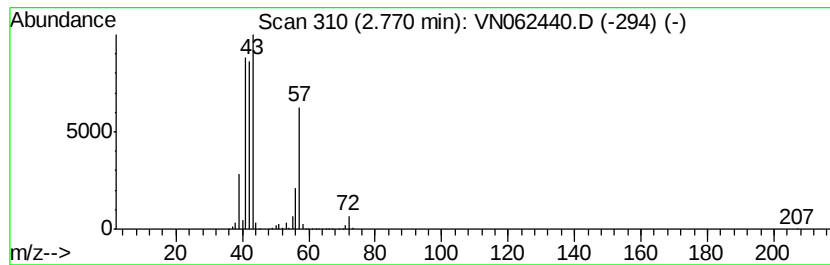
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	56.10 ug/l	3634350	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		3-Buten-1-ol	72	C4H8O	000627-27-0	47
3		Pentane	72	C5H12	000109-66-0	36
4		1-Propene, 2-methyl-	56	C4H8	000115-11-7	10
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	9



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ALS Vial : 50 Sample Multiplier: 1

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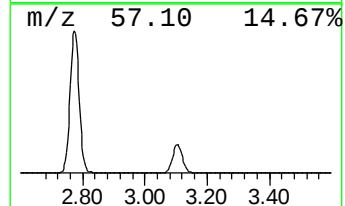
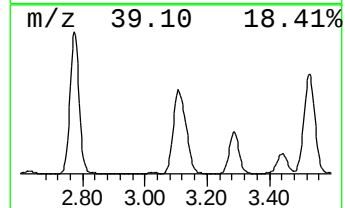
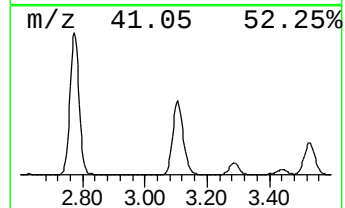
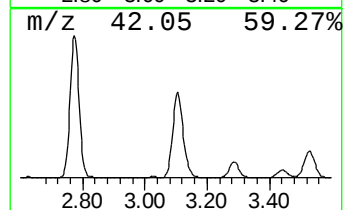
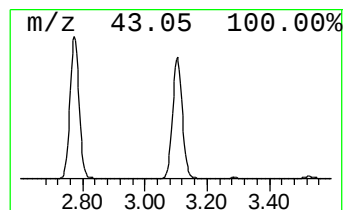
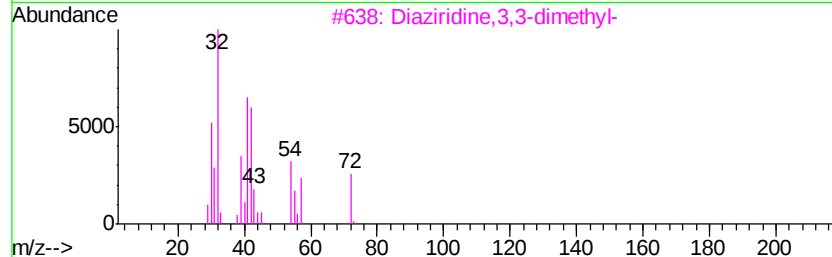
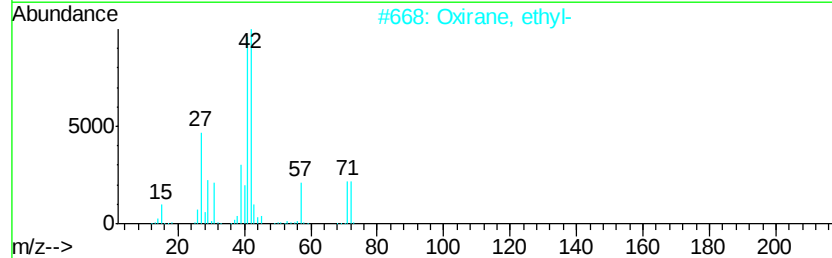
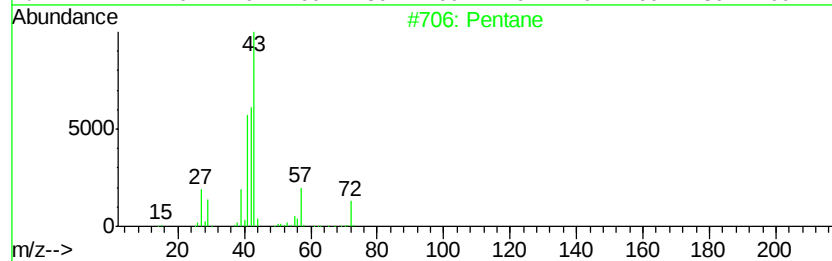
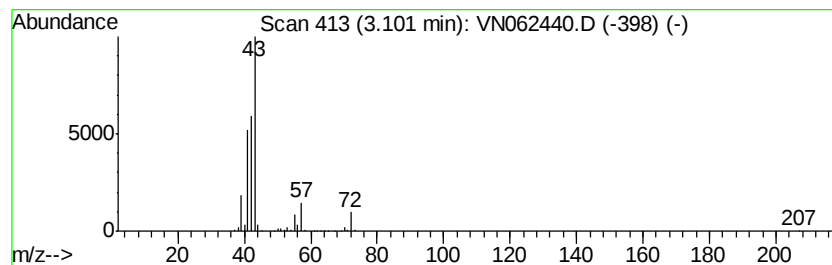
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	41.25 ug/l	2672420	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Oxirane, ethyl-	72	C4H8O	000106-88-7	40
3		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38
4		Butane, 2-methyl-	72	C5H12	000078-78-4	38
5		1-Pentanol	88	C5H12O	000071-41-0	9



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Sample : L3215-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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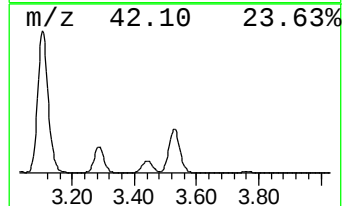
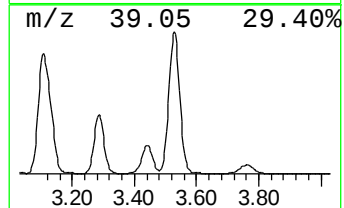
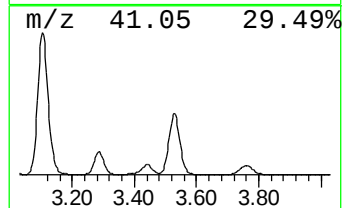
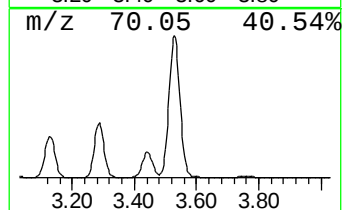
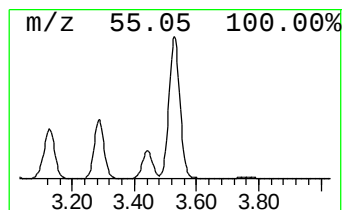
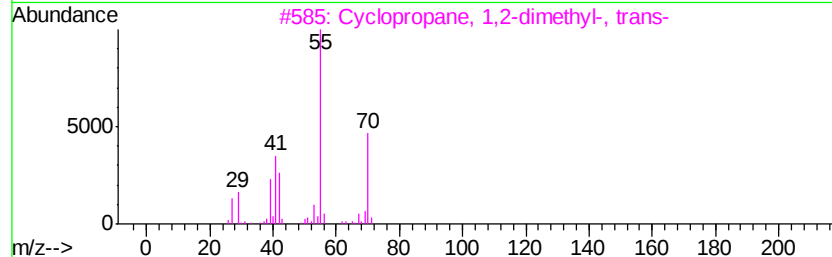
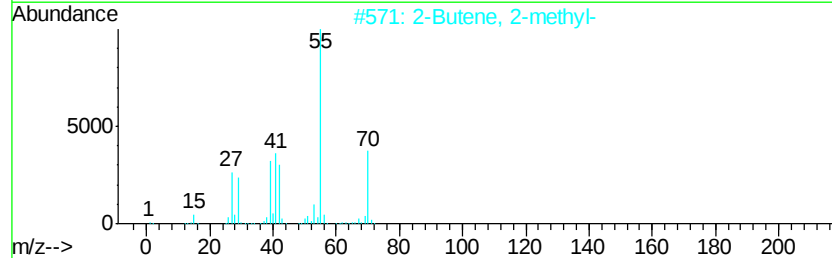
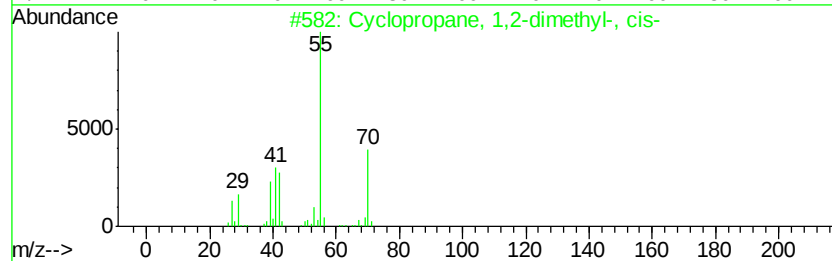
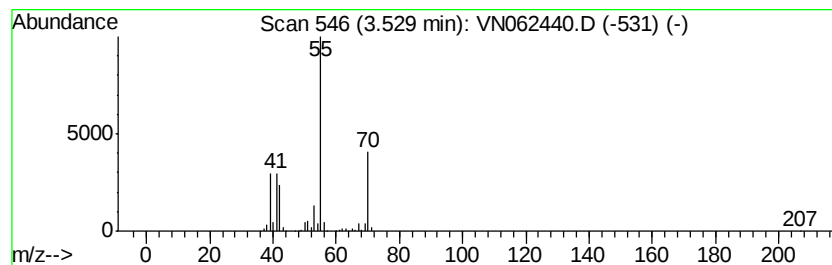
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopropane, 1,2-dimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	29.74 ug/l	1927120	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2		2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4		1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
5		2-Pentene	70	C5H10	000109-68-2	83



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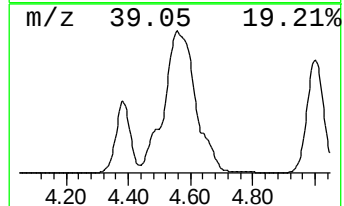
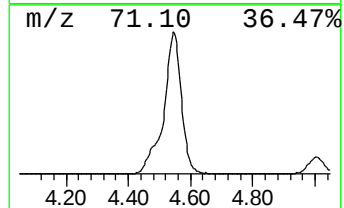
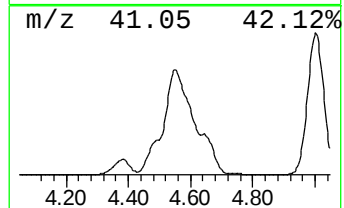
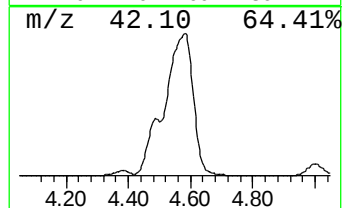
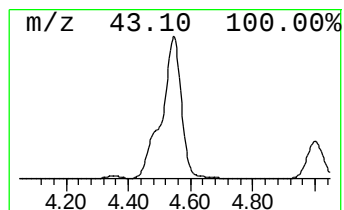
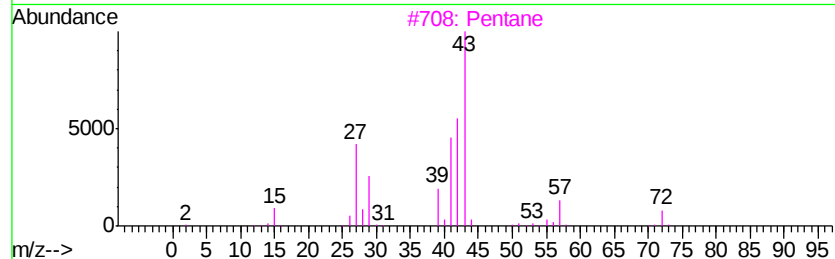
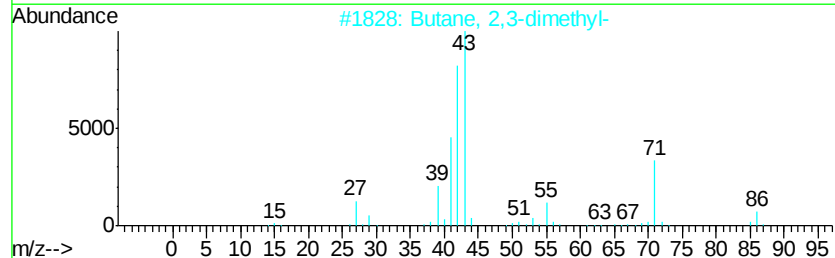
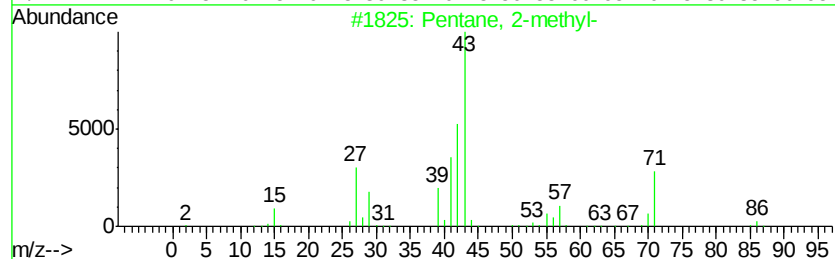
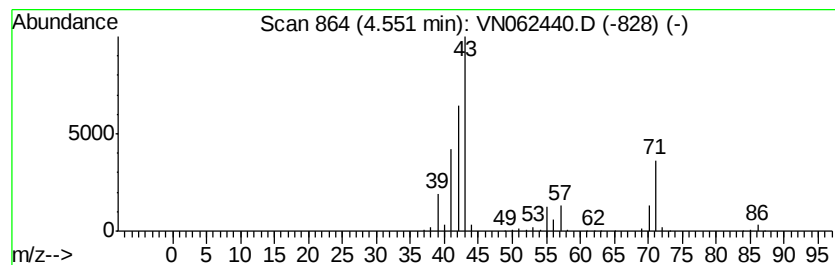
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	80.88 ug/l	5240210	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
3		Pentane	72	C5H12	000109-66-0	33
4		Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	25
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	23



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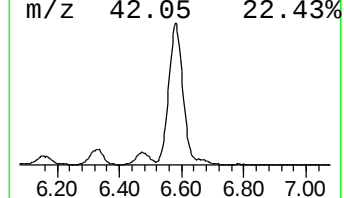
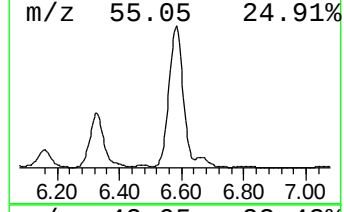
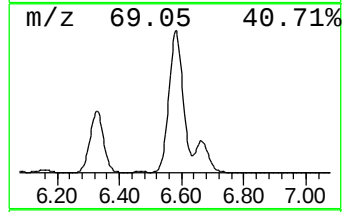
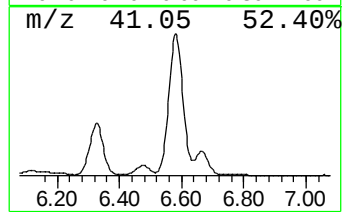
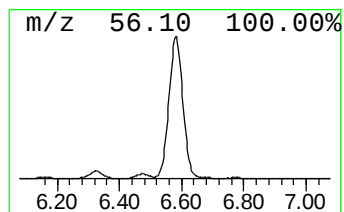
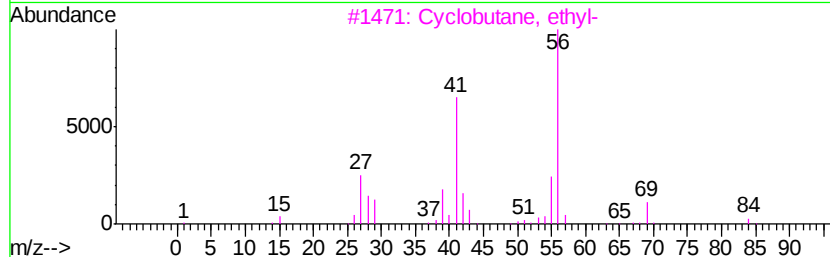
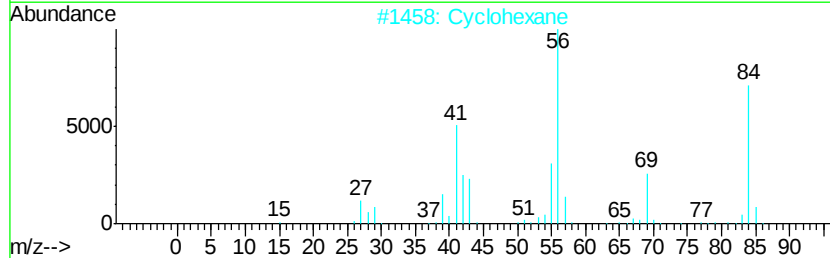
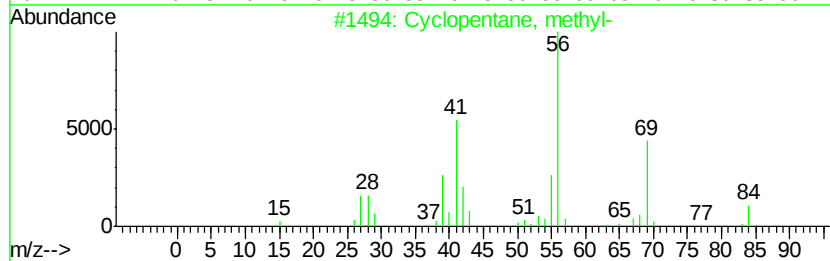
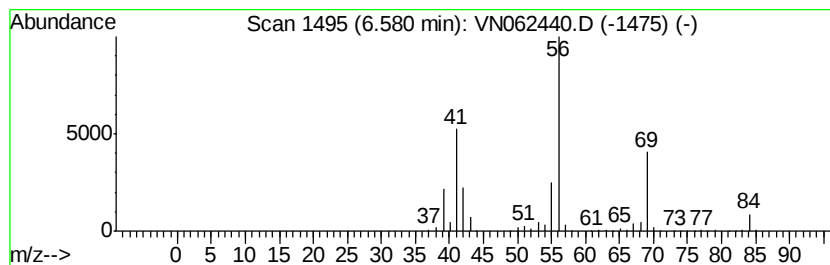
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	45.52 ug/l	2949430	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2		Cyclohexane	84	C6H12	000110-82-7	78
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062440.D
Acq On : 9 Jul 2020 5:35
Operator : JC/MD
Sample : L3215-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-6

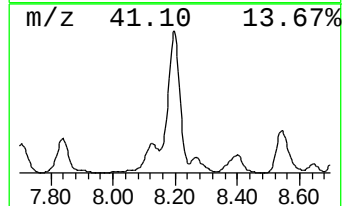
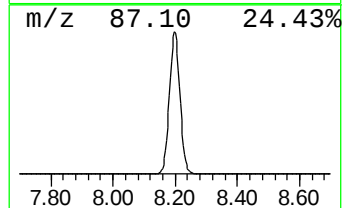
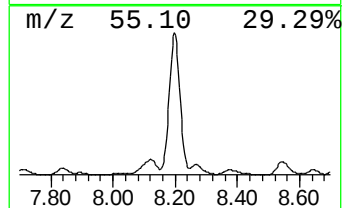
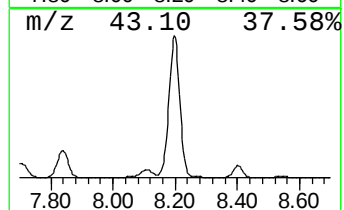
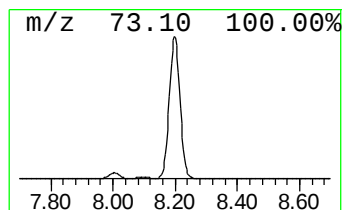
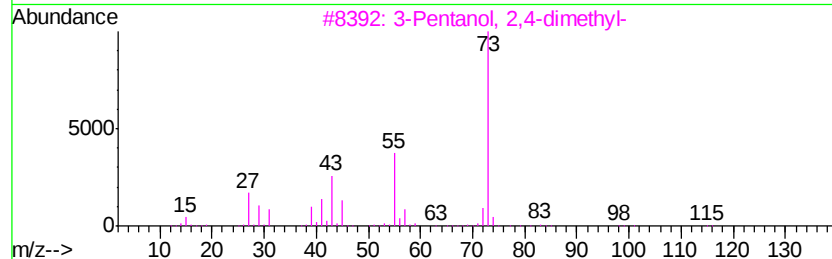
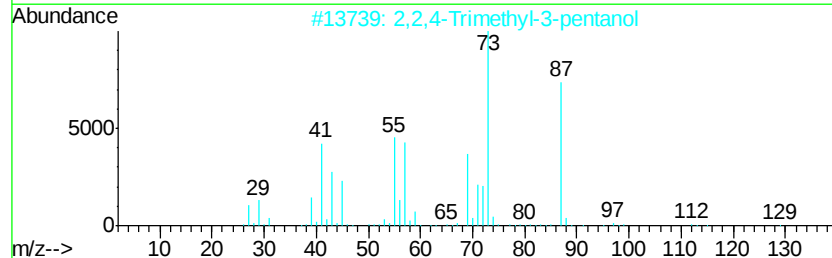
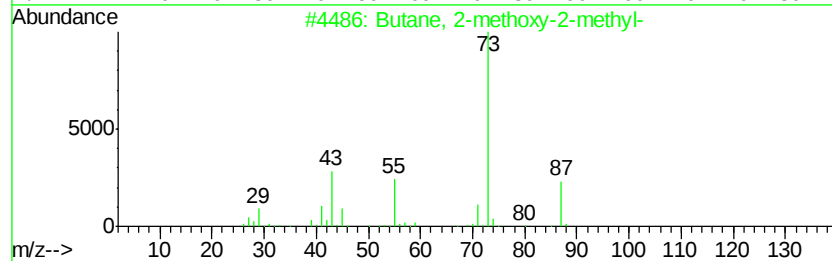
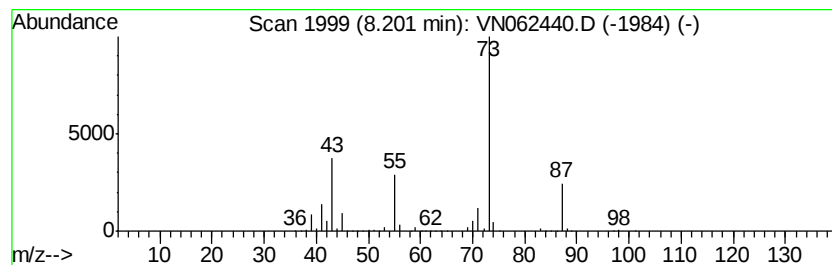
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	214.01 ug/l	10708600	1,4-Difluorobenzene	8.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062440.D
Acq On : 9 Jul 2020 5:35
Operator : JC/MD
Sample : L3215-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

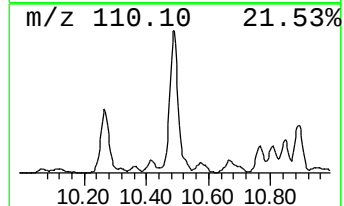
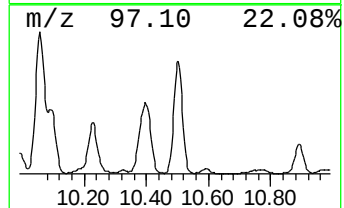
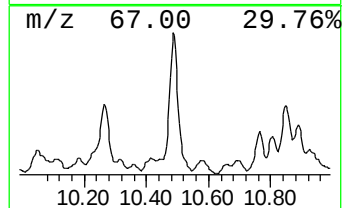
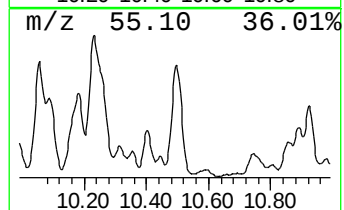
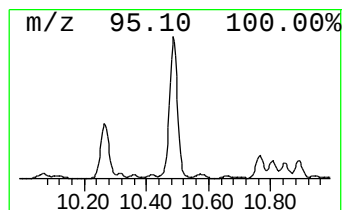
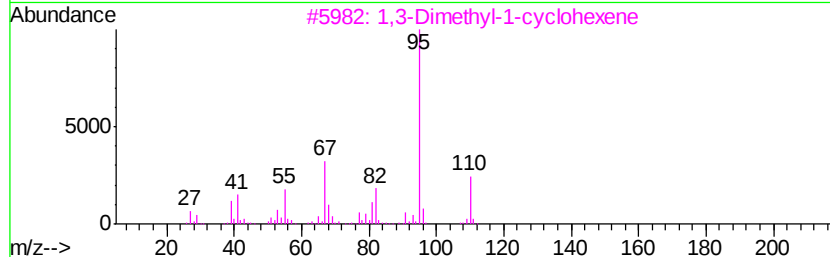
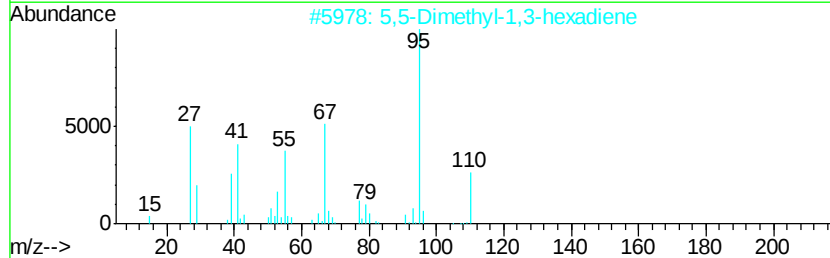
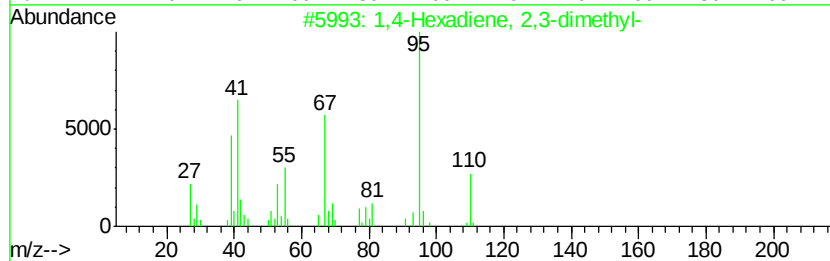
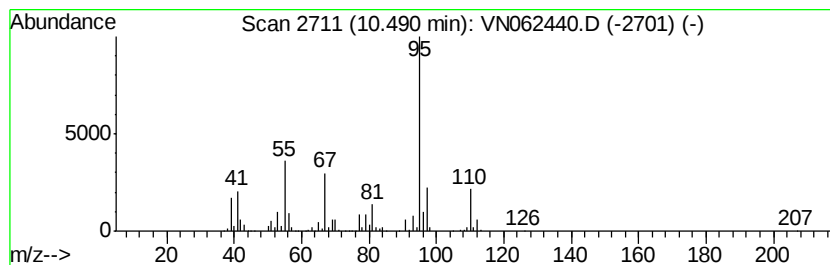
Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	31.17 ug/l	951742	Chlorobenzene-d5	11.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110 C8H14	018669-52-8	81
2	5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3	76
3	1,3-Dimethyl-1-cyclohexene	110 C8H14	002808-76-6	68
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110 C8H14	1000142-17-5	64
5	Cyclopentene, 1,2,3-trimethyl-	110 C8H14	000473-91-6	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062440.D
Acq On : 9 Jul 2020 5:35
Operator : JC/MD
Sample : L3215-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

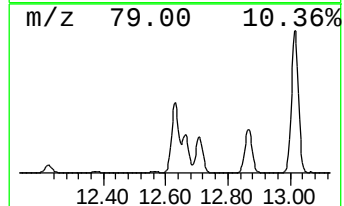
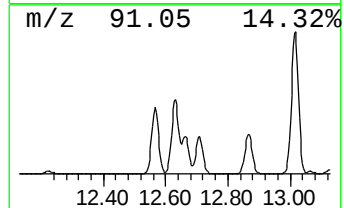
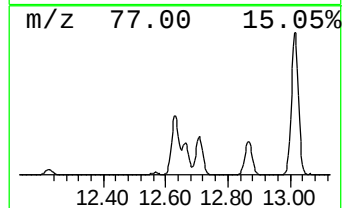
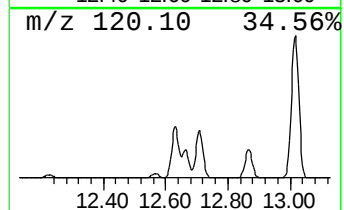
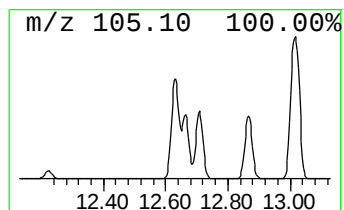
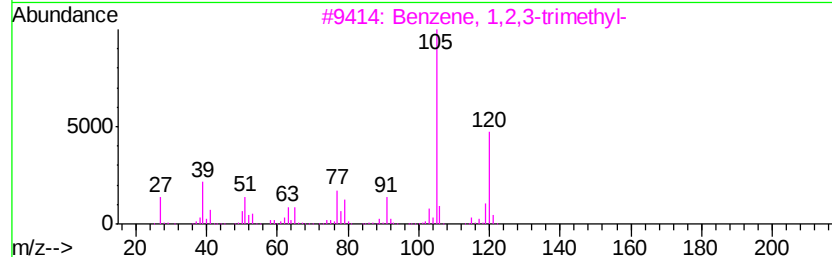
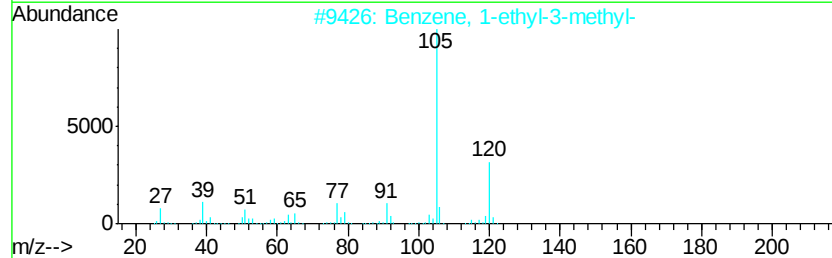
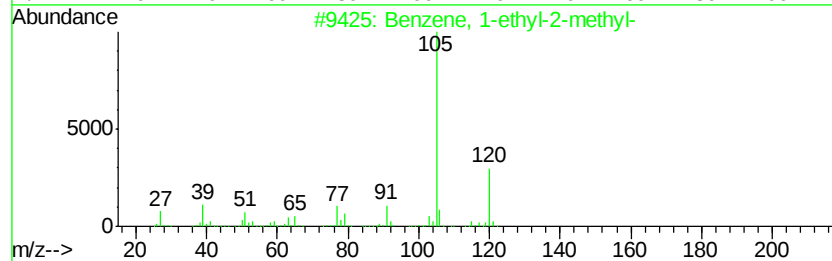
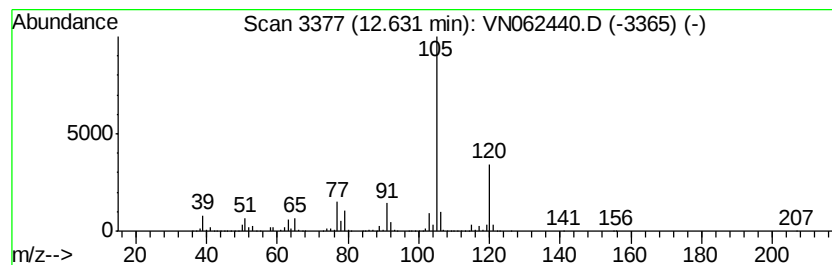
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	61.16 ug/l	11284700	1,4-Dichlorobenzene-d4	13.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062440.D
Acq On : 9 Jul 2020 5:35
Operator : JC/MD
Sample : L3215-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

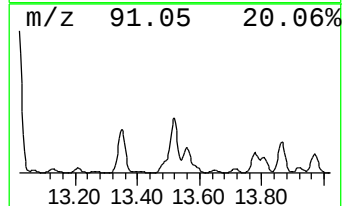
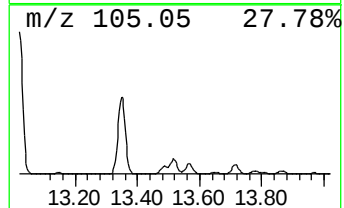
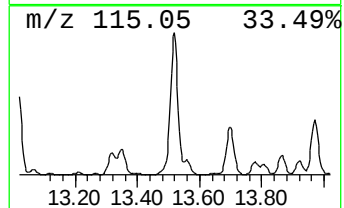
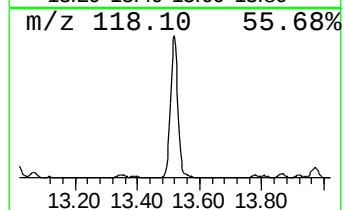
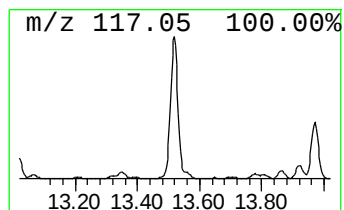
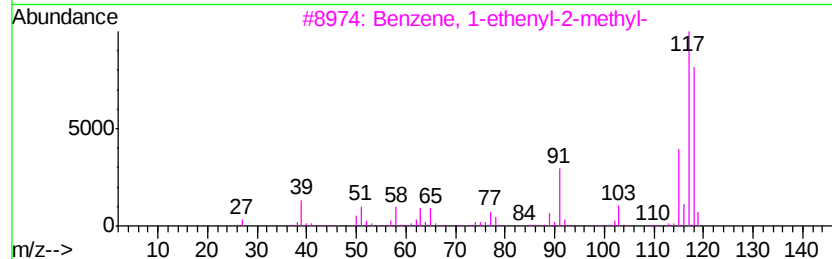
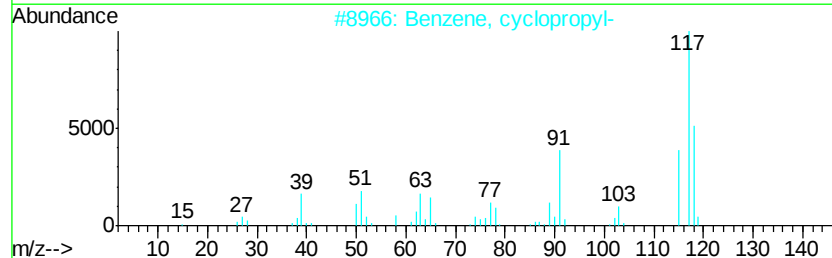
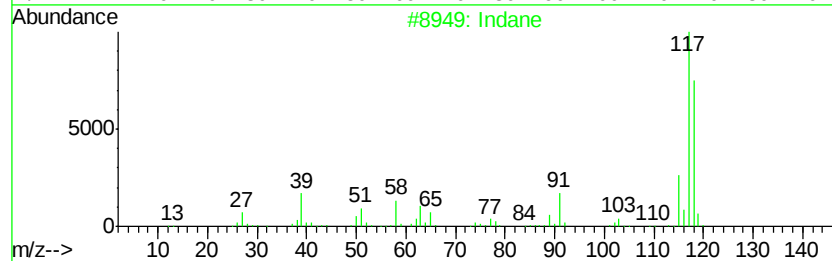
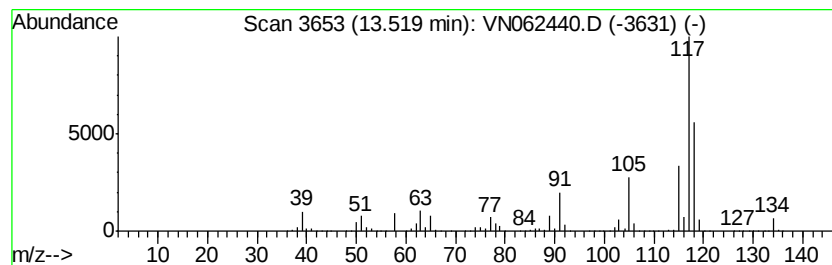
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	45.58 ug/l	8409950	1,4-Dichlorobenzene-d4	13.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	92
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	92
3	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	89
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	86
5	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062440.D
Acq On : 9 Jul 2020 5:35
Operator : JC/MD
Sample : L3215-19
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	2.77	56.1	ug/l	3634350	1	7.63	3239420	50.0
Pentane	3.10	41.3	ug/l	2672420	1	7.63	3239420	50.0
Cyclopropane, 1,2...	3.53	29.7	ug/l	1927120	1	7.63	3239420	50.0
Pentane, 2-methyl-	4.55	80.9	ug/l	5240210	1	7.63	3239420	50.0
Cyclopentane, met...	6.58	45.5	ug/l	2949430	1	7.63	3239420	50.0
Butane, 2-methoxy...	8.20	214.0	ug/l	10708600	2	8.55	2501870	50.0
1,4-Hexadiene, 2,...	10.49	31.2	ug/l	951742	3	11.38	1526760	50.0
Benzene, 1-ethyl-...	12.63	61.2	ug/l	11284700	4	13.32	9224870	50.0
Indane	13.52	45.6	ug/l	8409950	4	13.32	9224870	50.0