

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064814.D
 Acq On : 24 Nov 2020 16:40
 Operator : JC/MD
 Sample : L4829-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

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\82N112320W.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	4.541	862	871	898	rVB6	19301	68388	2.13%	0.332%
2	4.997	988	1013	1044	rBV3	93778	345132	10.75%	1.675%
3	5.885	1266	1289	1308	rVB3	9996	32620	1.02%	0.158%
4	6.579	1486	1505	1525	rBV4	67740	210851	6.57%	1.024%
5	7.351	1731	1745	1760	rVB5	13184	36809	1.15%	0.179%
6	7.550	1785	1807	1816	rBV	119754	310430	9.67%	1.507%
7	7.624	1817	1830	1845	rVV3	268602	717522	22.35%	3.483%
8	7.704	1845	1855	1875	rVB5	52288	145256	4.52%	0.705%
9	7.836	1876	1896	1908	rBV3	50550	126704	3.95%	0.615%
10	7.997	1928	1946	1970	rBV4	302585	799338	24.89%	3.880%
11	8.129	1970	1987	1995	rVV6	83104	243731	7.59%	1.183%
12	8.196	1999	2008	2021	rVV5	165934	418447	13.03%	2.031%
13	8.264	2022	2029	2048	rVV3	41997	97814	3.05%	0.475%
14	8.373	2051	2063	2083	rVB10	12095	38797	1.21%	0.188%
15	8.550	2101	2118	2139	rBV	397134	899691	28.02%	4.368%
16	8.714	2157	2169	2178	rVV5	16721	34978	1.09%	0.170%
17	8.785	2178	2191	2198	rVV3	19023	38247	1.19%	0.186%
18	9.045	2246	2272	2285	rBV3	181465	555713	17.31%	2.698%
19	9.235	2321	2331	2344	rVB	40194	80307	2.50%	0.390%
20	9.331	2346	2361	2371	rBV5	16231	38772	1.21%	0.188%
21	9.399	2372	2382	2386	rBV4	33572	55874	1.74%	0.271%
22	9.486	2400	2409	2422	rVB4	49822	97472	3.04%	0.473%
23	9.582	2428	2439	2445	rBV3	65346	127907	3.98%	0.621%
24	9.823	2499	2514	2523	rBV6	40586	101689	3.17%	0.494%
25	9.936	2535	2549	2573	rVB4	66333	179783	5.60%	0.873%
26	10.058	2573	2587	2614	rBV	578440	1142037	35.57%	5.544%
27	10.228	2632	2640	2645	rBV6	26531	48096	1.50%	0.233%
28	10.402	2685	2694	2706	rVV4	23903	46425	1.45%	0.225%
29	10.489	2710	2721	2737	rVV5	105369	225882	7.03%	1.097%
30	10.576	2737	2748	2765	rVB7	19249	51045	1.59%	0.248%
31	10.762	2801	2806	2814	rVB2	26938	40155	1.25%	0.195%
32	10.888	2838	2845	2852	rBV3	22538	35101	1.09%	0.170%
33	11.293	2956	2971	2984	rVB7	19719	46144	1.44%	0.224%
34	11.380	2984	2998	3014	rBV	547978	971649	30.26%	4.717%

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35	11.470	3019	3026	3049	rVV5	25889	83243	2.59%	0.404%
36	11.598	3049	3066	3088	rVB	99108	217895	6.79%	1.058%
37	11.920	3147	3166	3180	rBV	37113	66876	2.08%	0.325%
38	12.222	3250	3260	3270	rVB	52970	81569	2.54%	0.396%
39	12.373	3295	3307	3325	rBV	438691	738038	22.98%	3.583%
40	12.563	3353	3366	3377	rVB	20022	42539	1.32%	0.207%
41	12.627	3377	3386	3390	rVV	24314	36113	1.12%	0.175%
42	12.659	3391	3396	3404	rVV	41175	65856	2.05%	0.320%
43	12.704	3404	3410	3421	rVB	35870	57001	1.78%	0.277%
44	12.865	3446	3460	3474	rBV	247727	404860	12.61%	1.965%
45	13.013	3497	3506	3518	rVB	52255	83745	2.61%	0.407%
46	13.138	3531	3545	3557	rBV5	31271	72775	2.27%	0.353%
47	13.315	3588	3600	3621	rVB2	556282	1039365	32.37%	5.046%
48	13.514	3642	3662	3672	rBV	1668993	3211022	100.00%	15.588%
49	13.563	3673	3677	3693	rVB	118873	180788	5.63%	0.878%
50	13.646	3693	3703	3711	rVB2	25438	38173	1.19%	0.185%
51	13.711	3711	3723	3733	rVB3	40726	76623	2.39%	0.372%
52	13.781	3733	3745	3759	rBV4	42952	98968	3.08%	0.480%
53	13.862	3759	3770	3779	rBV	412478	634111	19.75%	3.078%
54	13.916	3779	3787	3794	rBV	126287	192456	5.99%	0.934%
55	13.968	3794	3803	3816	rVB2	699321	1122908	34.97%	5.451%
56	14.103	3834	3845	3853	rBV4	32120	51390	1.60%	0.249%
57	14.180	3853	3869	3878	rBV	231708	387243	12.06%	1.880%
58	14.402	3930	3938	3943	rBV3	22648	32687	1.02%	0.159%
59	14.447	3943	3952	3963	rVV2	333503	539175	16.79%	2.617%
60	14.498	3963	3968	3975	rVB3	26636	36484	1.14%	0.177%
61	14.566	3975	3989	4000	rBV3	592797	1106578	34.46%	5.372%
62	14.627	4000	4008	4018	rVB4	57247	99039	3.08%	0.481%
63	14.714	4024	4035	4047	rVB	83736	135837	4.23%	0.659%
64	14.820	4048	4068	4075	rBV4	98098	233557	7.27%	1.134%
65	14.926	4089	4101	4114	rVB2	115339	261701	8.15%	1.270%
66	15.103	4146	4156	4165	rVB	70957	123412	3.84%	0.599%
67	15.157	4165	4173	4181	rBV2	23870	34837	1.08%	0.169%
68	15.215	4181	4191	4199	rBV8	26741	63001	1.96%	0.306%
69	15.383	4230	4243	4257	rBV2	41472	74953	2.33%	0.364%
70	15.547	4275	4294	4296	rBV4	25590	50522	1.57%	0.245%
71	15.575	4297	4303	4320	rVB4	57449	111385	3.47%	0.541%

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72	15.733	4341	4352	4363	rVB5	21717	43590	1.36%	0.212%
73	15.874	4383	4396	4408	rBV4	36526	76661	2.39%	0.372%
74	16.061	4441	4454	4464	rBV4	25724	54743	1.70%	0.266%
75	16.119	4464	4472	4487	rVB2	22692	43607	1.36%	0.212%
76	16.309	4519	4531	4546	rBV3	37146	85214	2.65%	0.414%

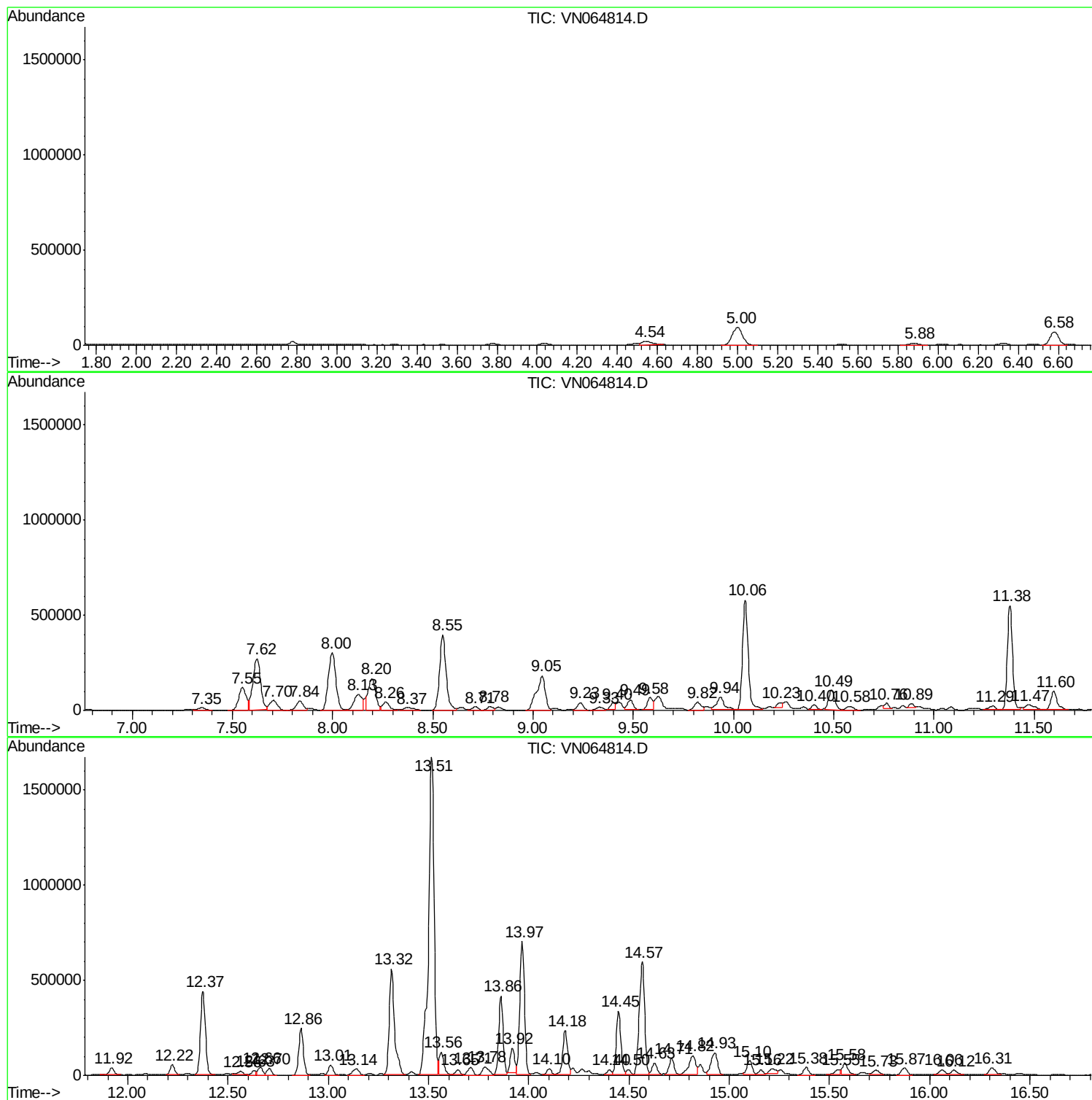
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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



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Instrument :
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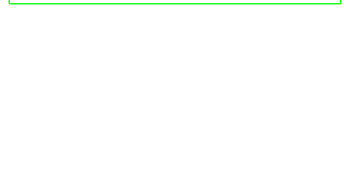
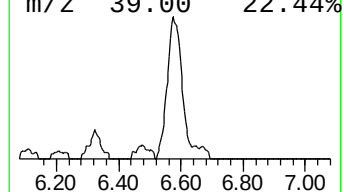
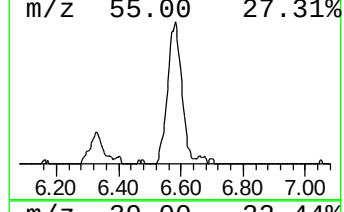
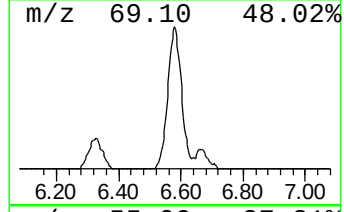
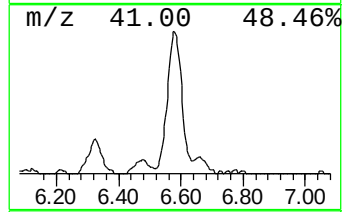
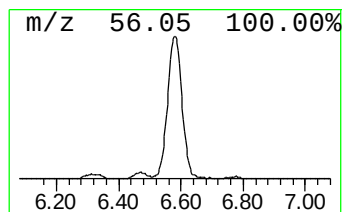
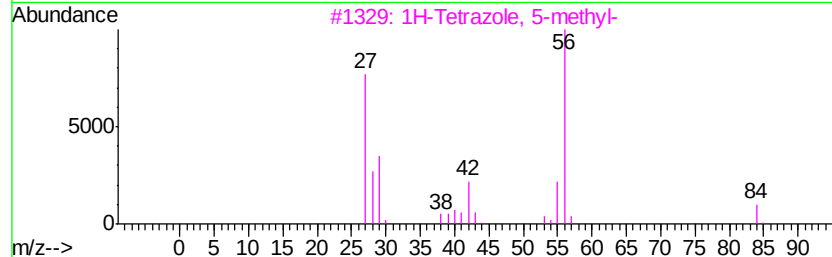
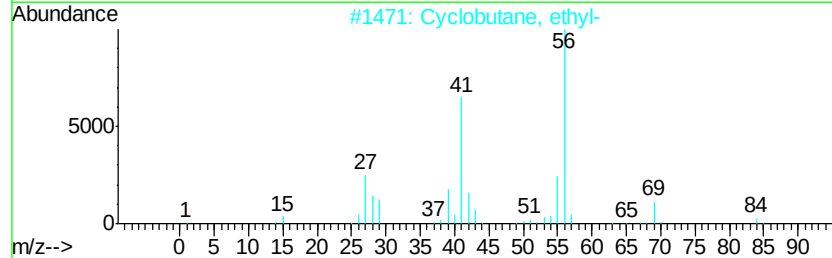
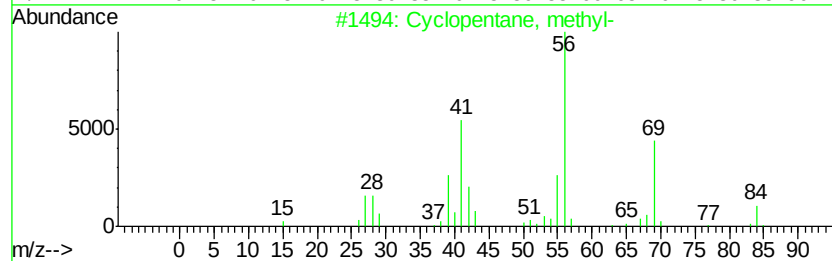
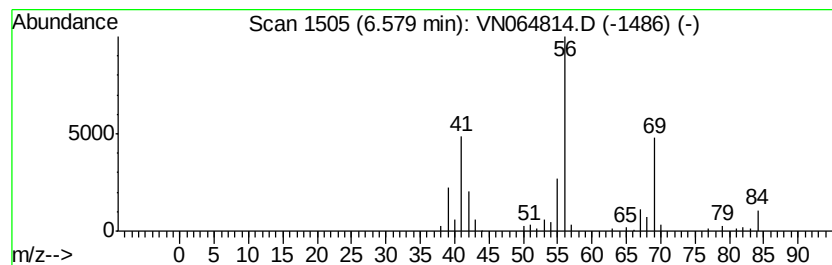
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	14.69 ug/l	210851	Pentafluorobenzene	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
3		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
5		2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	38



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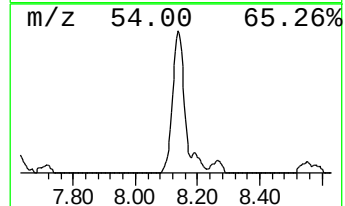
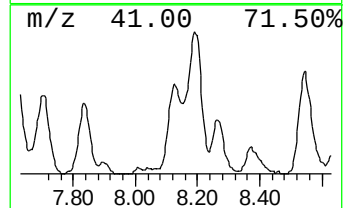
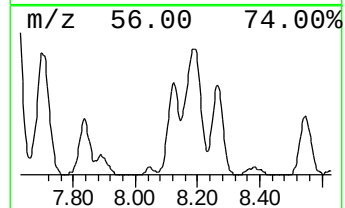
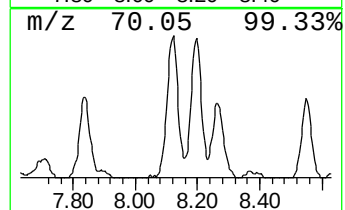
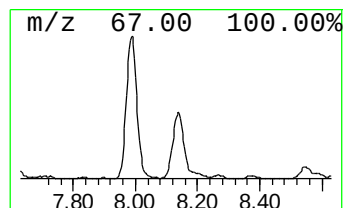
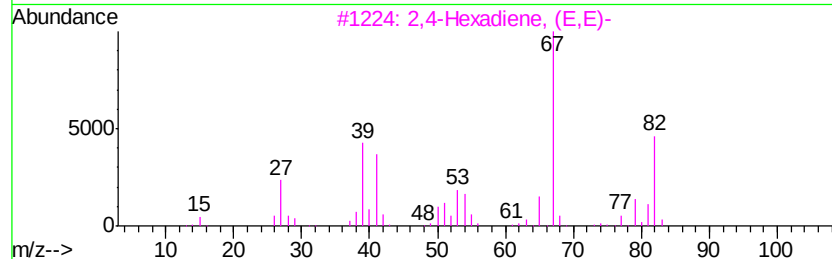
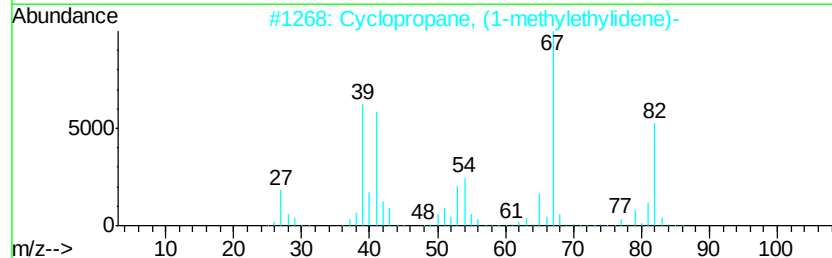
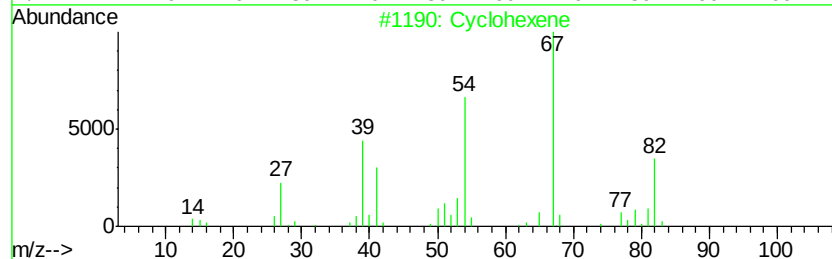
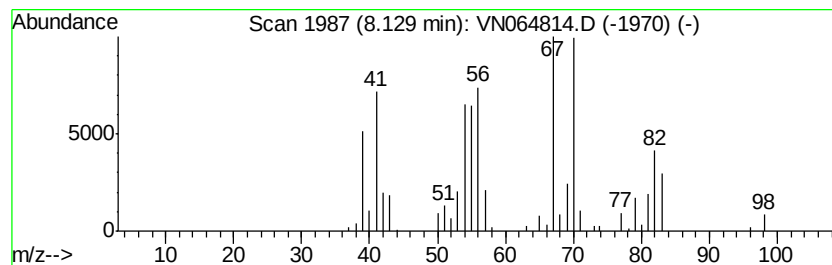
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown8.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	13.55 ug/l	243731	1,4-Difluorobenzene	8.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene	82	C6H10	000110-83-8	50
2		Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	43
3		2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	41
4		Ethylidenecyclobutane	82	C6H10	001528-21-8	41
5		1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	38



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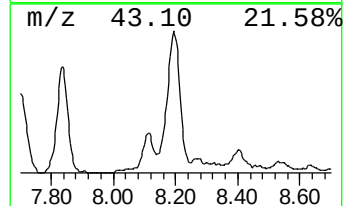
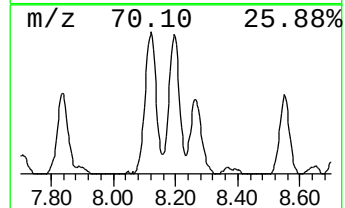
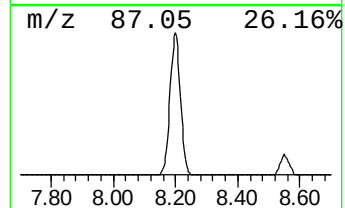
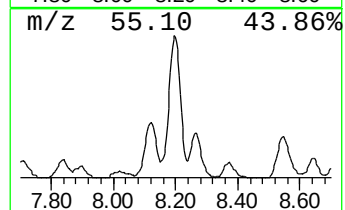
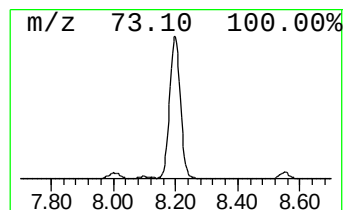
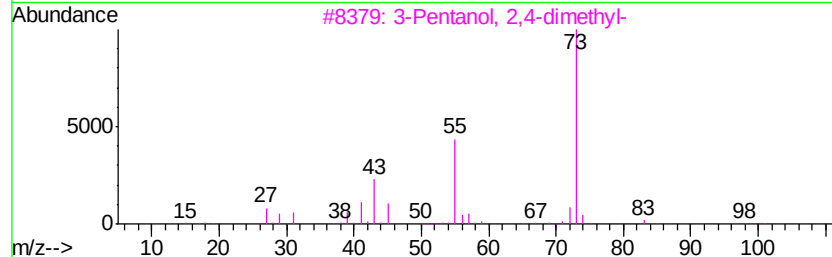
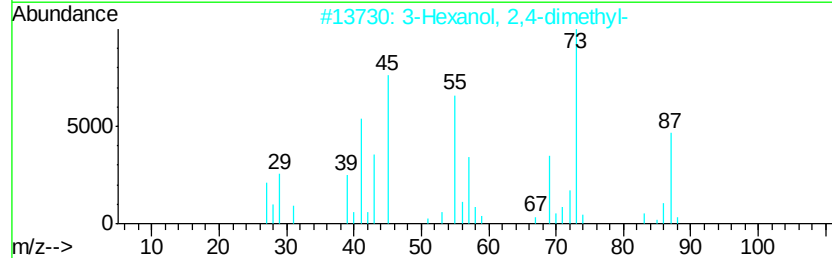
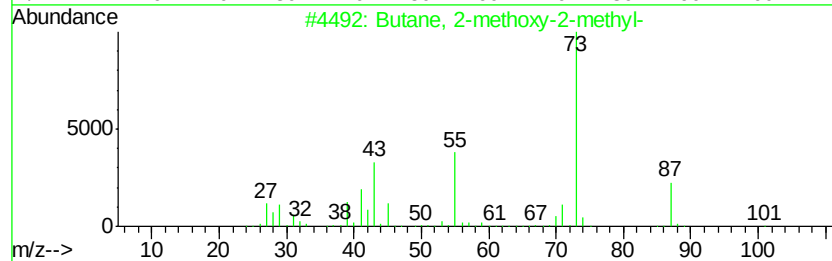
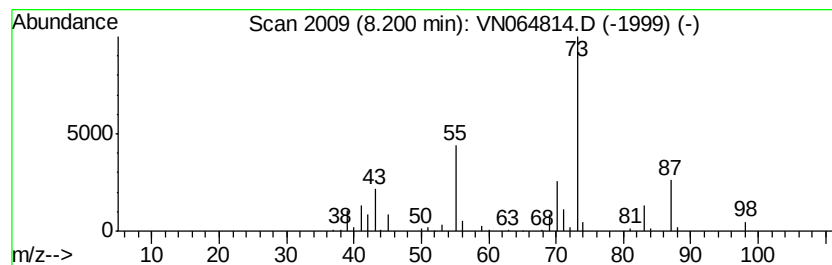
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	23.26 ug/l	418447	1,4-Difluorobenzene	8.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	37
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	12
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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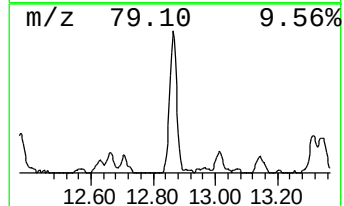
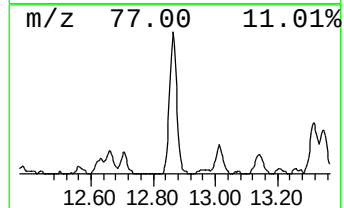
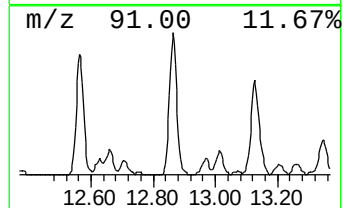
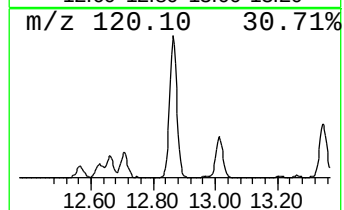
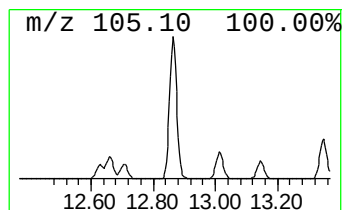
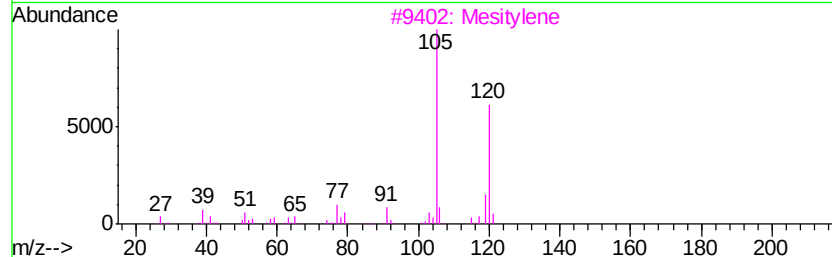
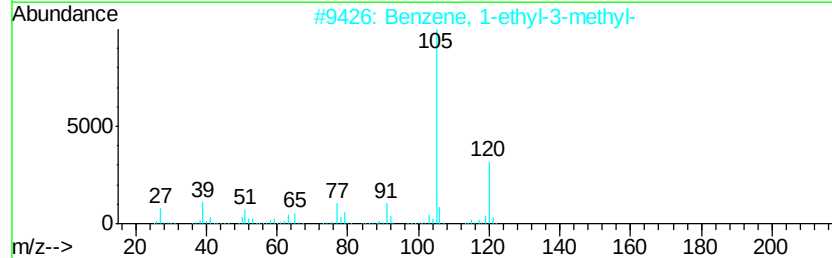
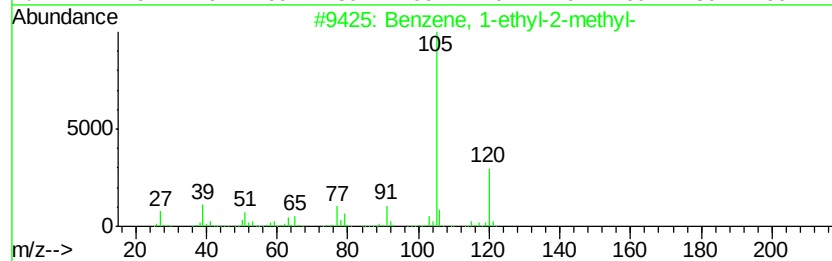
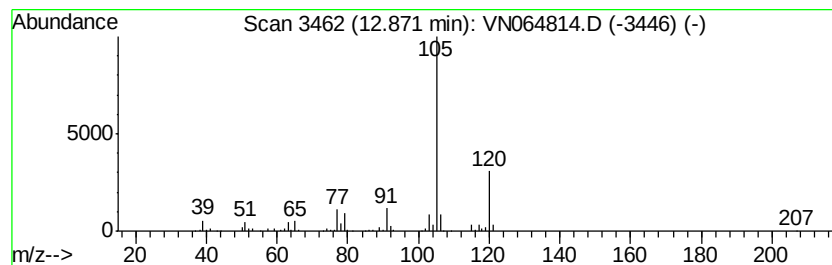
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	19.48 ug/l	404860	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	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064814.D
Acq On : 24 Nov 2020 16:40
Operator : JC/MD
Sample : L4829-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

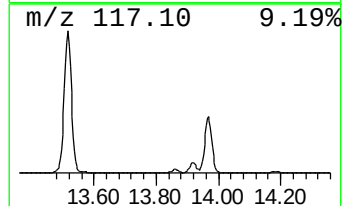
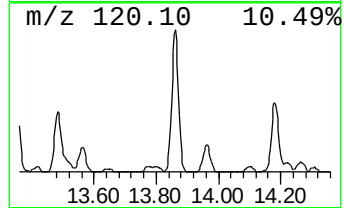
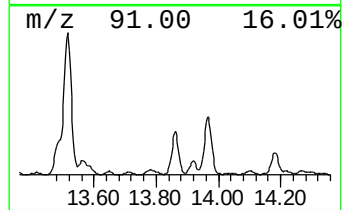
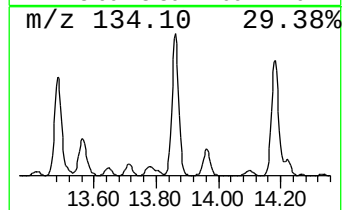
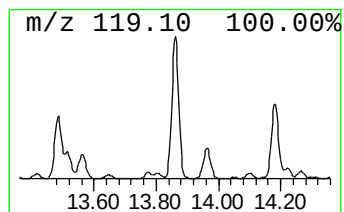
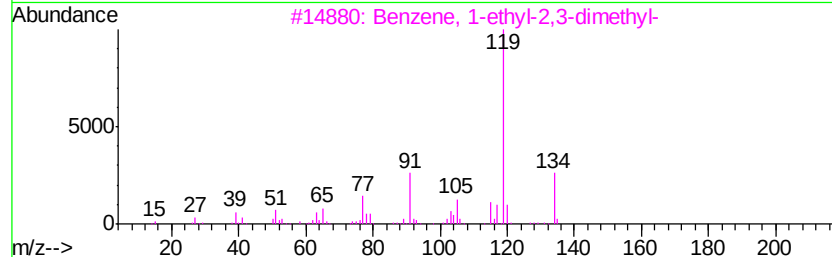
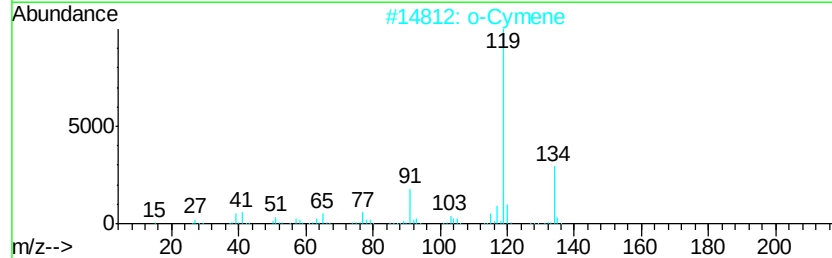
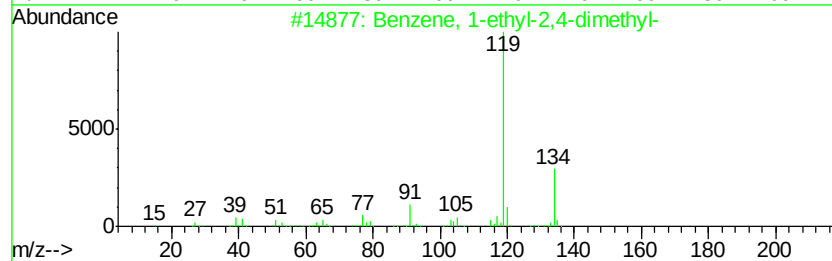
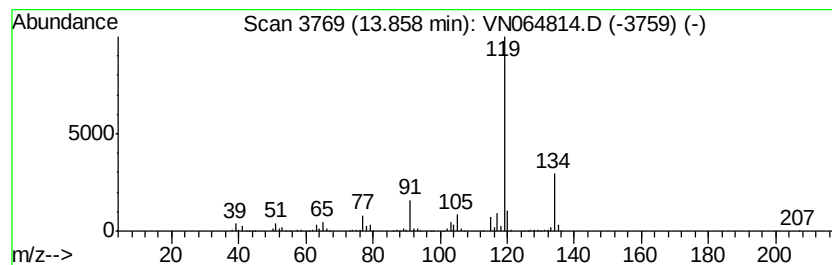
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	30.50 ug/l	634111	1,4-Dichlorobenzene-d4	13.32

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064814.D
Acq On : 24 Nov 2020 16:40
Operator : JC/MD
Sample : L4829-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

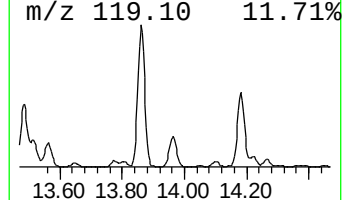
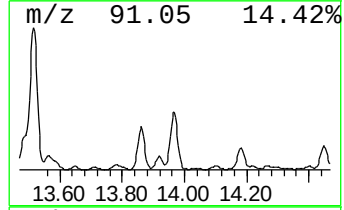
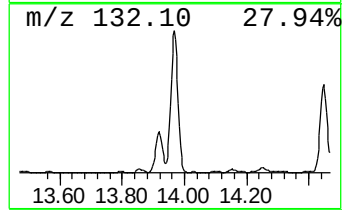
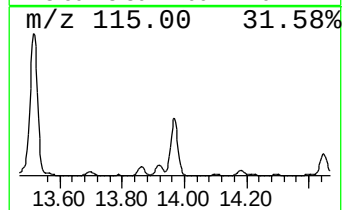
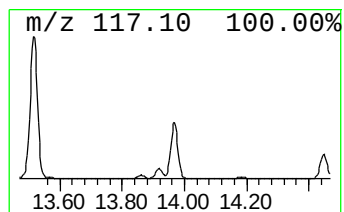
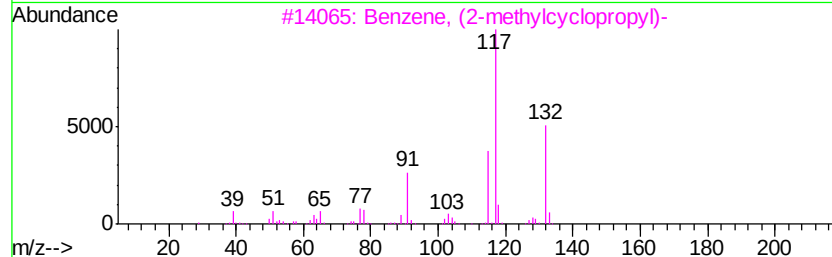
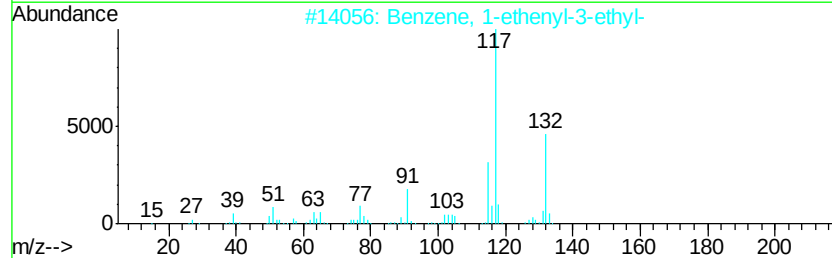
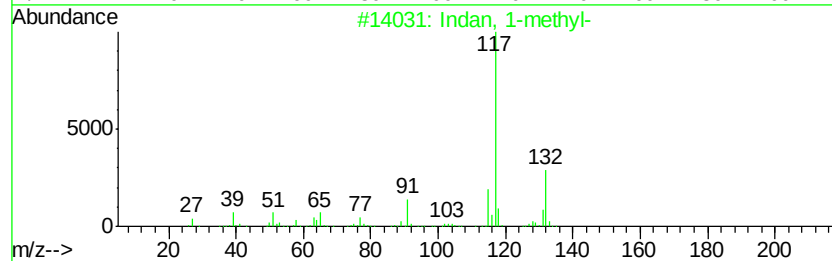
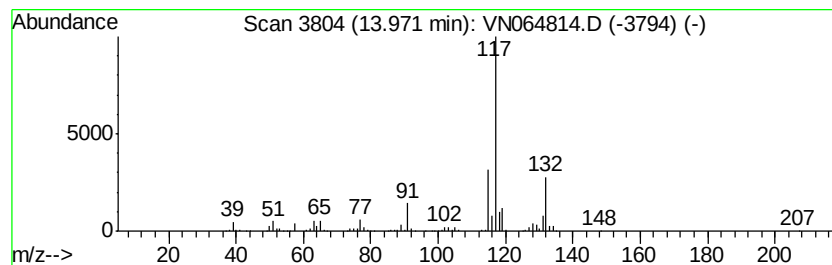
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Quant Title : SW846 8260

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

Peak Number 6 Indan, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	54.02 ug/l	1122910	1,4-Dichlorobenzene-d4	13.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064814.D
Acq On : 24 Nov 2020 16:40
Operator : JC/MD
Sample : L4829-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-5

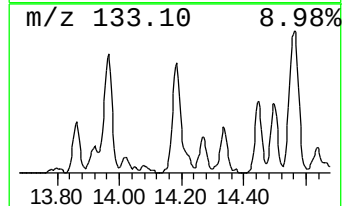
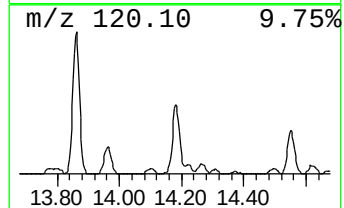
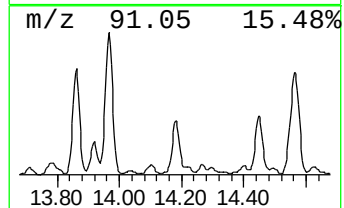
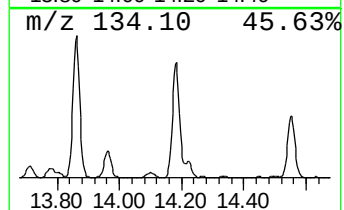
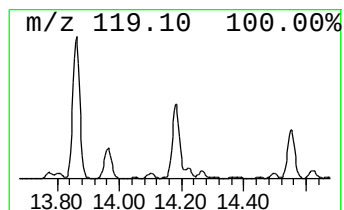
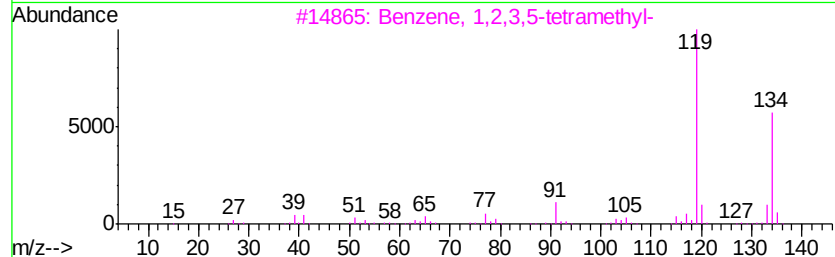
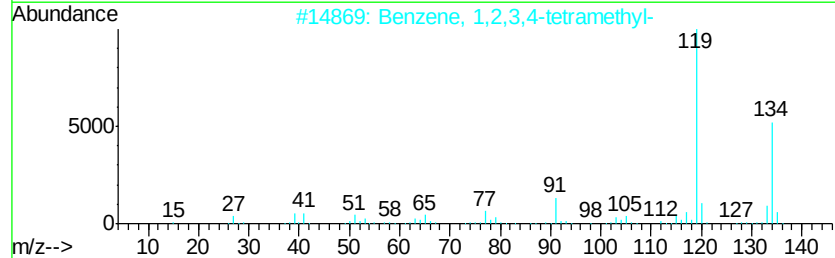
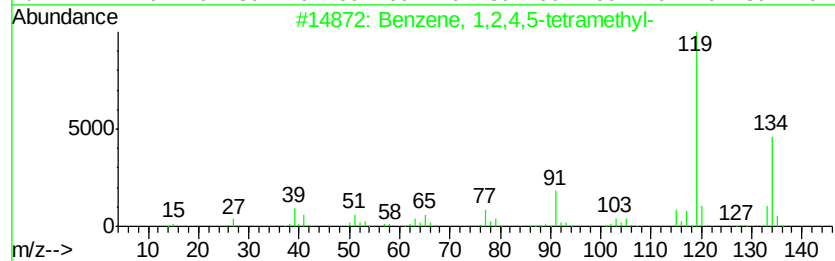
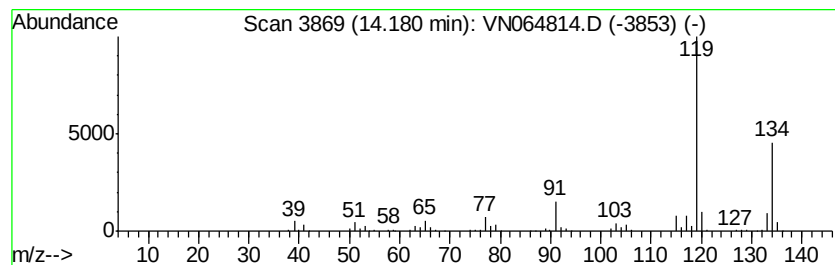
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	18.63 ug/l	387243	1,4-Dichlorobenzene-d4	13.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064814.D
Acq On : 24 Nov 2020 16:40
Operator : JC/MD
Sample : L4829-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

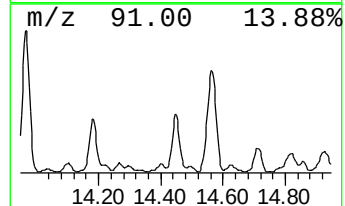
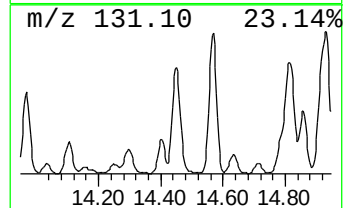
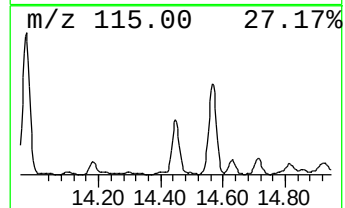
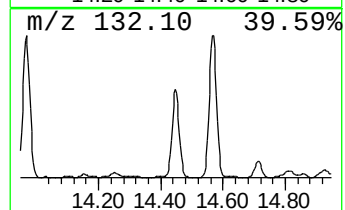
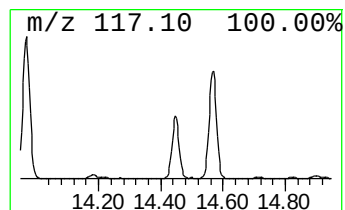
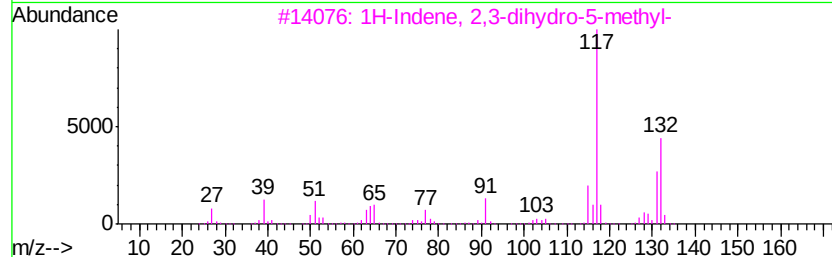
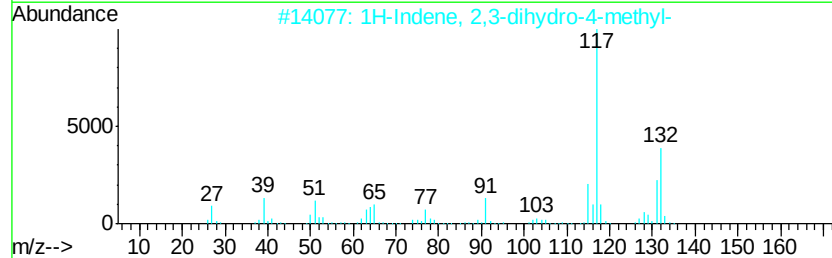
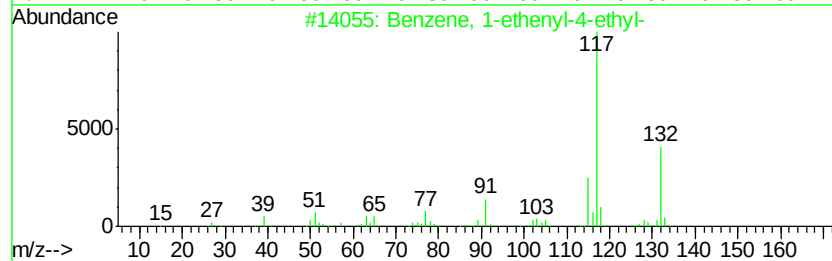
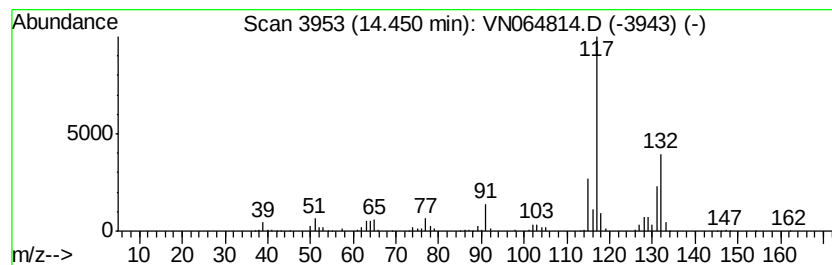
Instrument :
MSVOA_N
ClientSampleId :
MW-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	25.94 ug/l	539175	1,4-Dichlorobenzene-d4	13.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 94
2		1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6 94
3		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 93
4		3-Phenylbut-1-ene	132 C10H12	000934-10-1 91
5		Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064814.D
Acq On : 24 Nov 2020 16:40
Operator : JC/MD
Sample : L4829-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

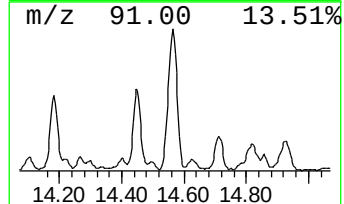
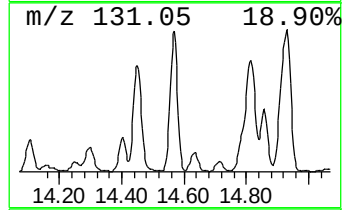
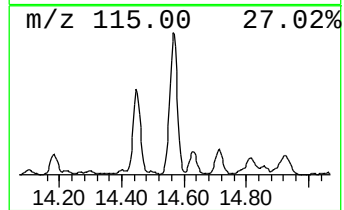
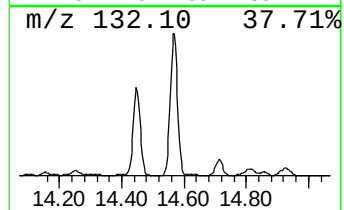
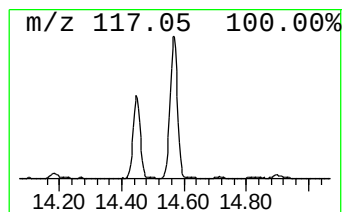
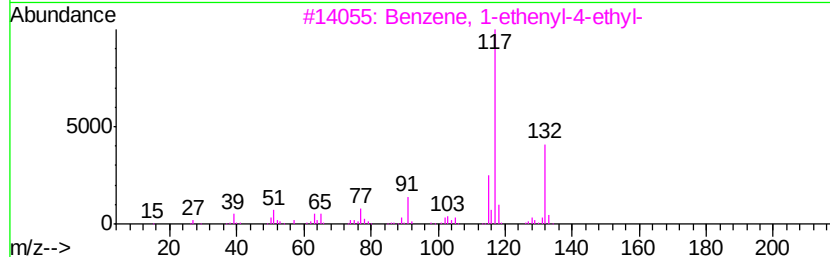
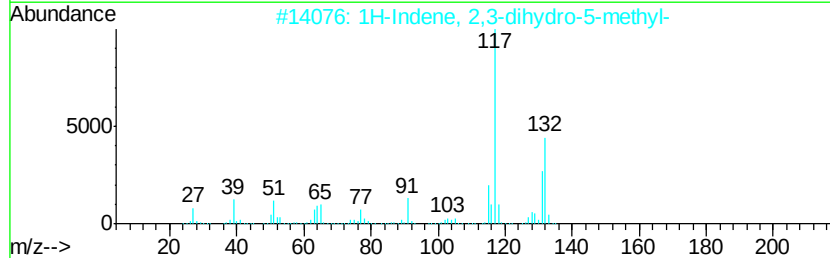
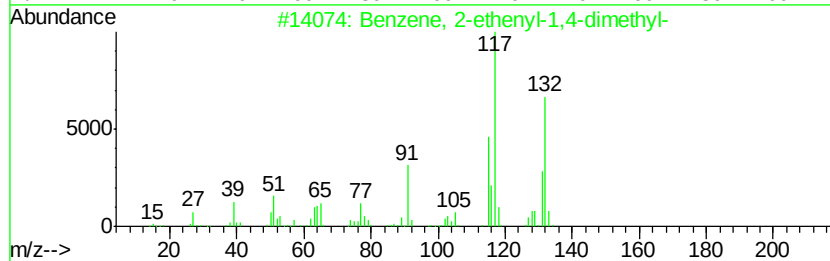
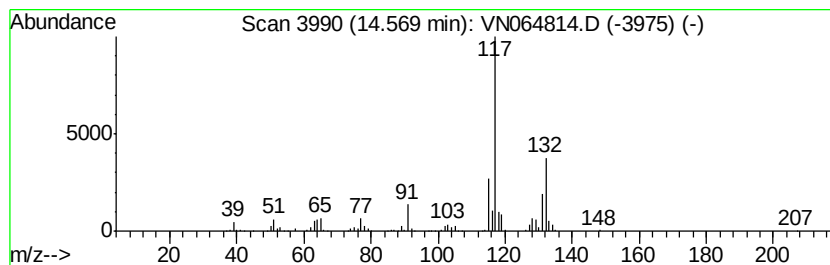
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	53.23 ug/l	1106580	1,4-Dichlorobenzene-d4	13.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5		Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064814.D
Acq On : 24 Nov 2020 16:40
Operator : JC/MD
Sample : L4829-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

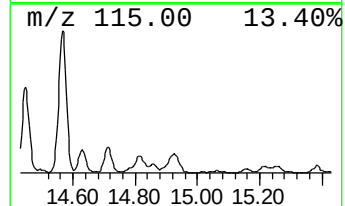
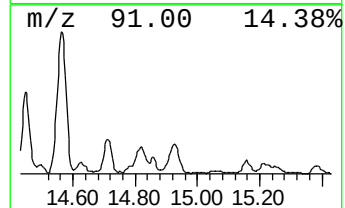
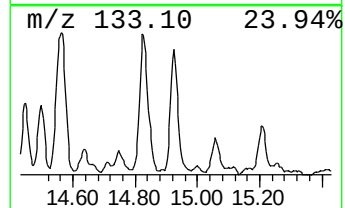
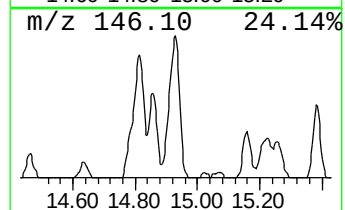
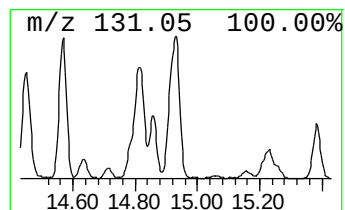
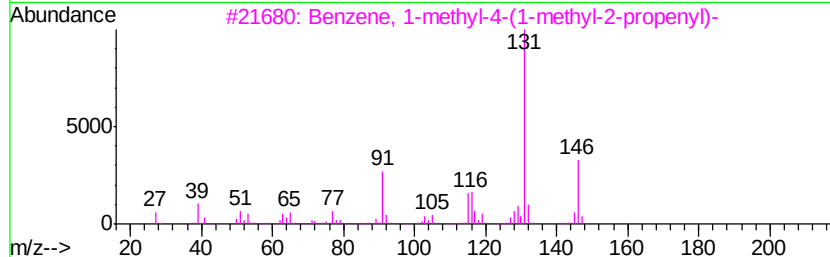
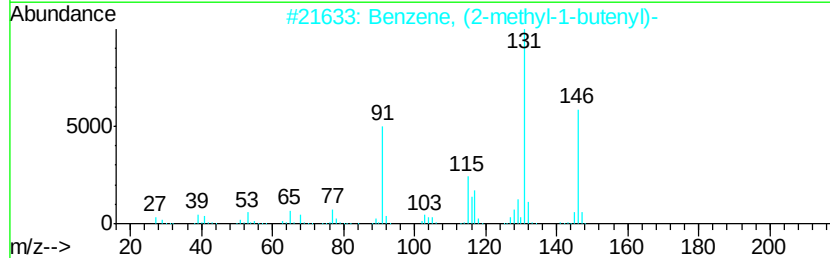
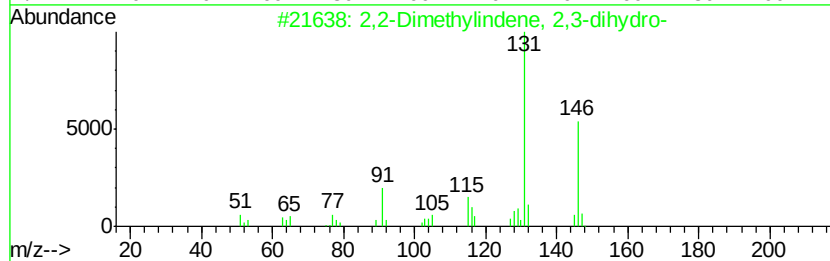
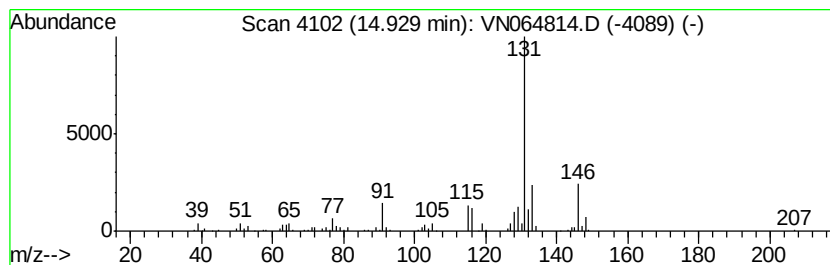
Instrument :
MSVOA_N
ClientSampleId :
MW-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

Peak Number 10 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	12.59 ug/l	261701	1,4-Dichlorobenzene-d4	13.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7	87
2	Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6	87
3	Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1	87
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064814.D
Acq On : 24 Nov 2020 16:40
Operator : JC/MD
Sample : L4829-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.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
Cyclopentane, met...	6.58	14.7	ug/l	210851	1	7.63	717522	50.0
unknown8.13	8.13	13.6	ug/l	243731	2	8.55	899691	50.0
Butane, 2-methoxy...	8.20	23.3	ug/l	418447	2	8.55	899691	50.0
Benzene, 1-ethyl-...	12.87	19.5	ug/l	404860	4	13.32	1039370	50.0
Benzene, 1-ethyl-...	13.86	30.5	ug/l	634111	4	13.32	1039370	50.0
Indan, 1-methyl-	13.97	54.0	ug/l	1122910	4	13.32	1039370	50.0
Benzene, 1,2,4,5-...	14.18	18.6	ug/l	387243	4	13.32	1039370	50.0
Benzene, 1-etheny...	14.45	25.9	ug/l	539175	4	13.32	1039370	50.0
Benzene, 2-etheny...	14.57	53.2	ug/l	1106580	4	13.32	1039370	50.0
2,2-Dimethylinden...	14.93	12.6	ug/l	261701	4	13.32	1039370	50.0