

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039318.D
 Acq On : 04 Nov 2025 16:39
 Operator : SY/MD
 Sample : Q3534-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-EB-1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Title : SW846 8260

Signal : TIC: VV039318.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.121	20	25	34	rVB3	141233	178002	2.02%	0.259%
2	1.198	41	49	70	rBV	276840	727705	8.26%	1.057%
3	1.918	264	273	308	rBV	920039	1566131	17.77%	2.275%
4	3.217	661	677	713	rBV2	386006	1036553	11.76%	1.506%
5	3.802	843	859	888	rBV2	67965	239084	2.71%	0.347%
6	4.243	983	996	1039	rBV3	148309	474501	5.38%	0.689%
7	4.500	1061	1076	1094	rBV2	780642	2038826	23.13%	2.962%
8	4.600	1095	1107	1146	rVB	1075754	2925590	33.19%	4.250%
9	4.937	1200	1212	1227	rBV	841999	1944803	22.06%	2.825%
10	5.011	1228	1235	1268	rVB2	223175	598949	6.80%	0.870%
11	5.532	1381	1397	1440	rBV	1747558	3976655	45.12%	5.777%
12	7.059	1855	1872	1905	rBV	1425192	2963927	33.63%	4.306%
13	7.233	1915	1926	1967	rBV	3273069	6040972	68.54%	8.777%
14	8.149	2193	2211	2227	rBV10	33275	93748	1.06%	0.136%
15	8.773	2394	2405	2410	rBV	3154660	5008890	56.83%	7.277%
16	9.474	2615	2623	2643	rVB2	62163	115087	1.31%	0.167%
17	9.853	2729	2741	2761	rBV	4097278	6133285	69.58%	8.911%
18	9.998	2776	2786	2812	rBV	2577902	4098157	46.49%	5.954%
19	10.275	2860	2872	2887	rBV	4190575	6262993	71.05%	9.099%
20	10.349	2888	2895	2911	rVB	224004	379880	4.31%	0.552%
21	10.474	2926	2934	2948	rVB2	46550	88211	1.00%	0.128%
22	10.664	2983	2993	3015	rBV	127024	226900	2.57%	0.330%
23	10.889	3055	3063	3074	rBV	92752	139462	1.58%	0.203%
24	10.982	3084	3092	3095	rBV	90637	119292	1.35%	0.173%
25	11.011	3095	3101	3121	rVB	185204	325994	3.70%	0.474%
26	11.172	3140	3151	3173	rBV	3352062	5506960	62.48%	8.001%
27	11.275	3176	3183	3194	rVB6	63624	113982	1.29%	0.166%
28	11.381	3207	3216	3220	rBV2	66339	99380	1.13%	0.144%
29	11.448	3221	3237	3263	rVV	5449749	8814369	100.00%	12.806%
30	11.580	3264	3278	3292	rVV3	161991	388389	4.41%	0.564%
31	11.670	3296	3306	3319	rBV2	92778	150977	1.71%	0.219%
32	11.940	3379	3390	3397	rBV	767187	1184992	13.44%	1.722%
33	12.037	3411	3420	3453	rVB2	504589	1145472	13.00%	1.664%
34	12.339	3498	3514	3536	rBV	649074	1105450	12.54%	1.606%
35	12.586	3579	3591	3600	rBV4	126913	246269	2.79%	0.358%
36	12.648	3602	3610	3626	rVB	264191	443135	5.03%	0.644%

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37	12.805	3647	3659	3671	rBV2	786106	1246792	14.14%	1.811%
38	12.966	3702	3709	3721	rVB6	61864	109234	1.24%	0.159%
39	13.037	3723	3731	3743	rVB4	75323	120998	1.37%	0.176%
40	13.197	3773	3781	3788	rBV2	61489	91191	1.03%	0.132%
41	13.840	3971	3981	3994	rBV4	60306	112783	1.28%	0.164%
42	14.033	4027	4041	4053	rBV4	55796	123115	1.40%	0.179%
43	14.387	4133	4151	4161	rBV4	56890	124019	1.41%	0.180%

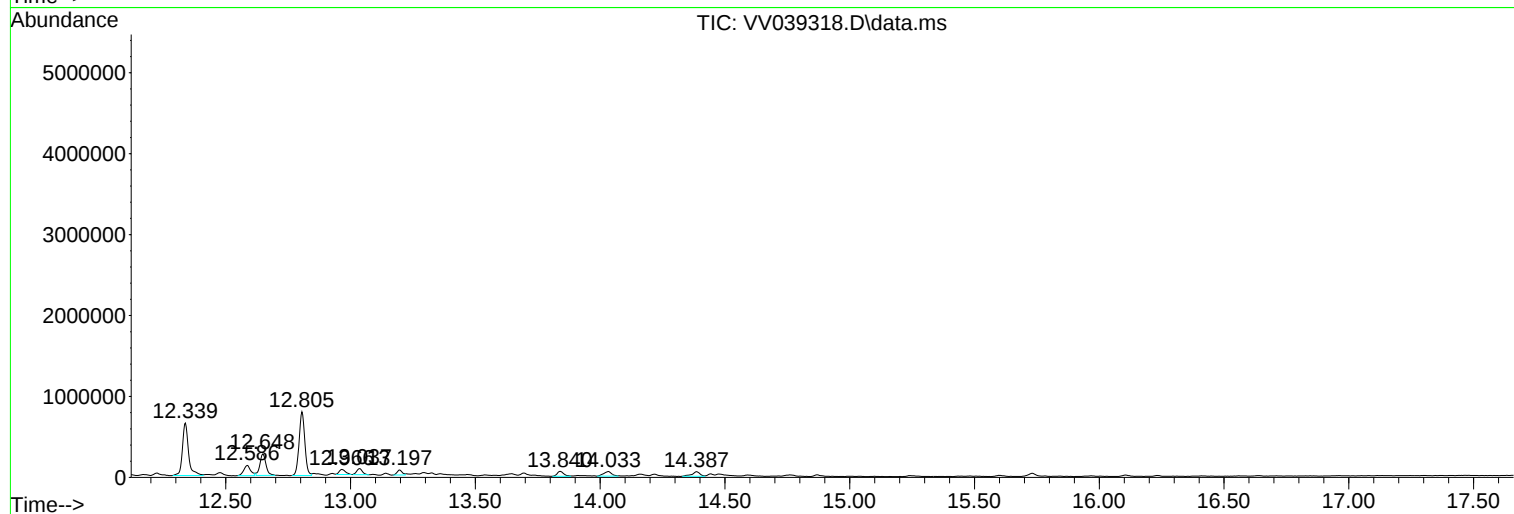
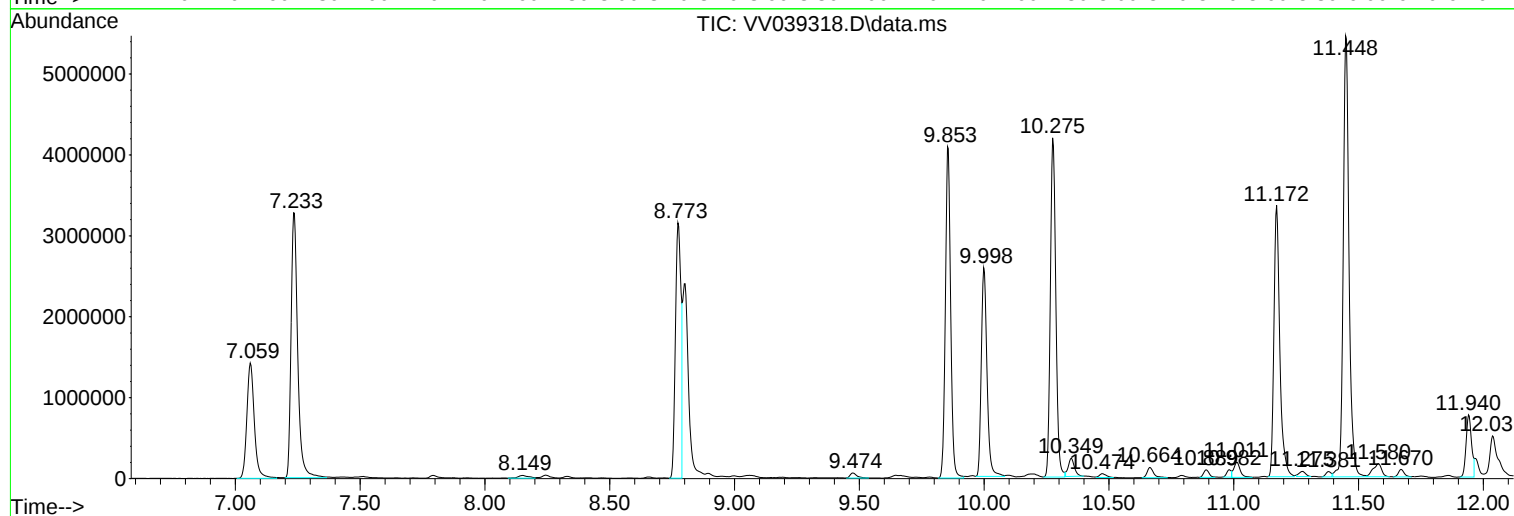
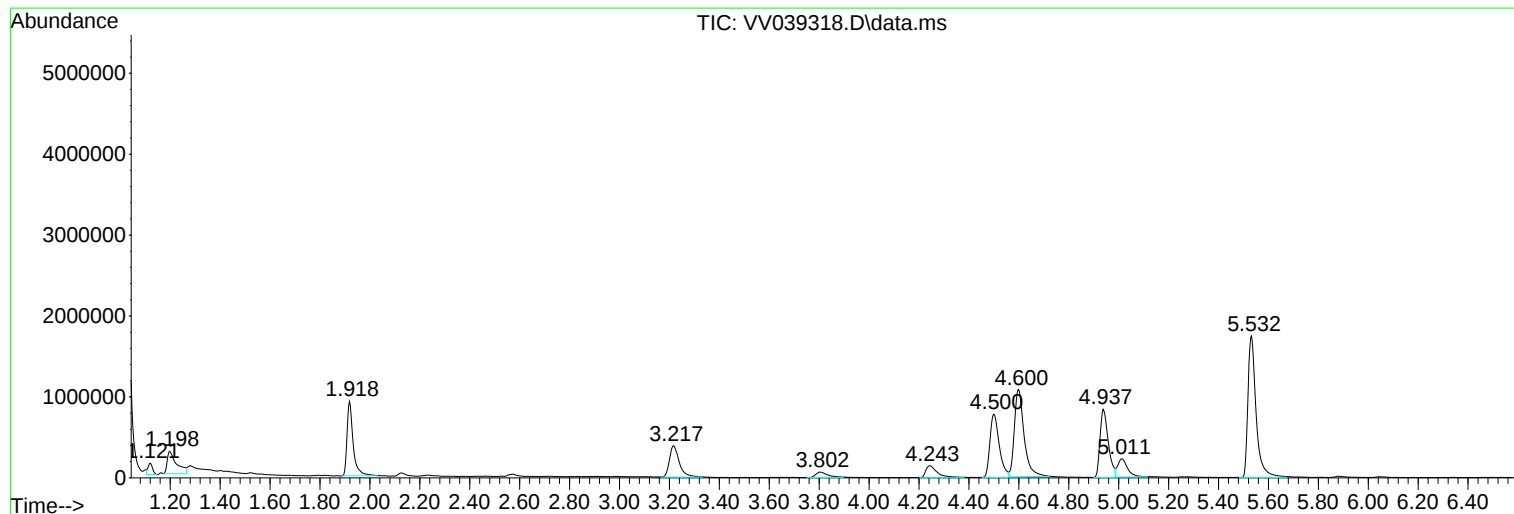
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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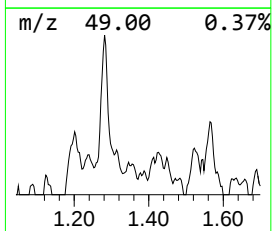
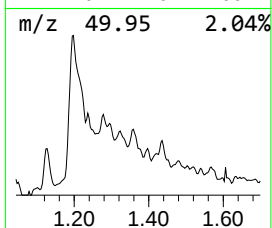
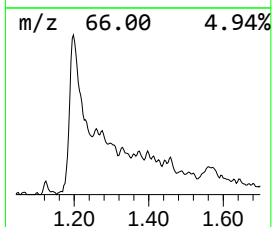
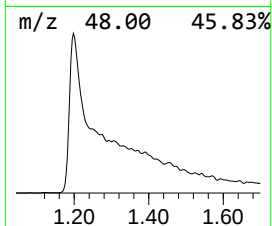
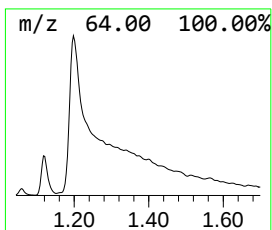
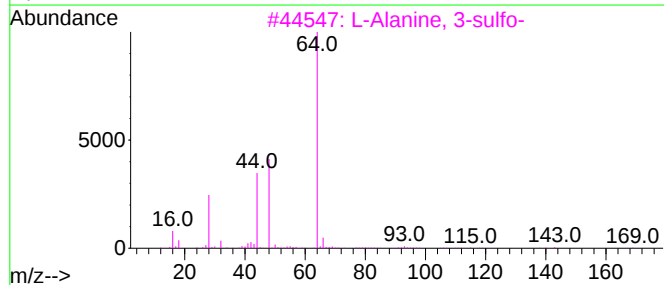
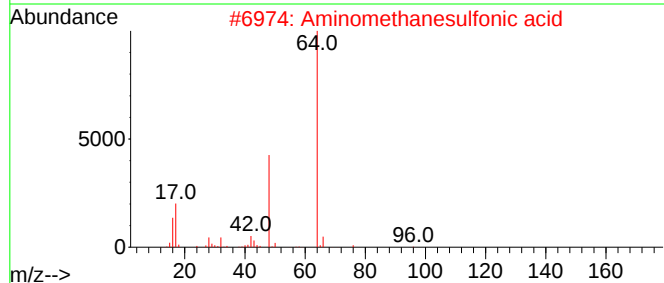
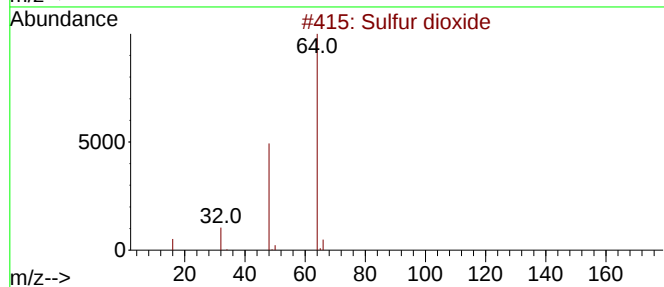
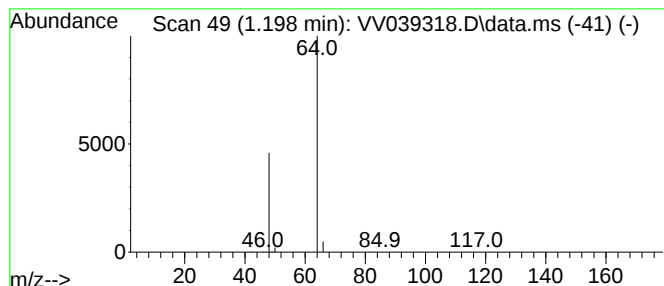
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.198	12.44 ug/l	727705	Pentafluorobenzene	4.600

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5			Ethyl Chloride	64	C2H5Cl	000075-00-3	3



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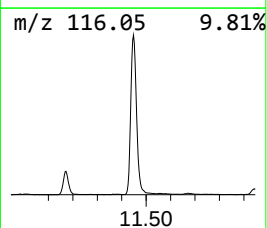
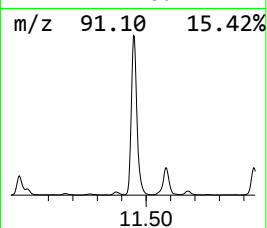
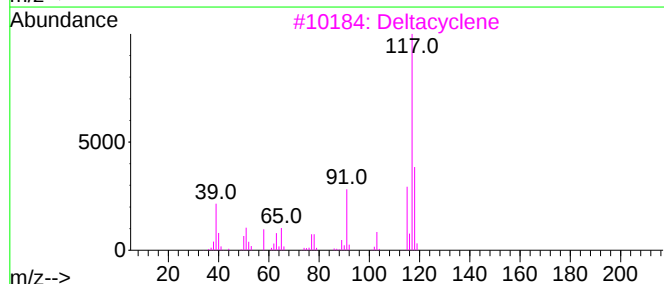
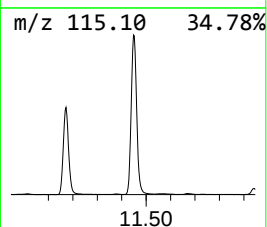
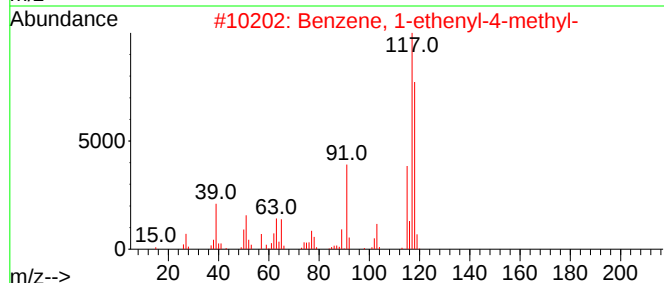
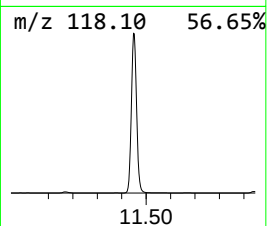
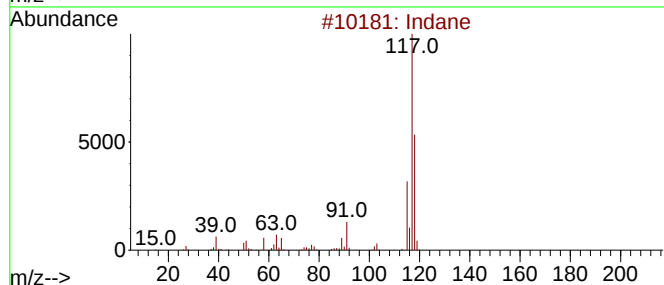
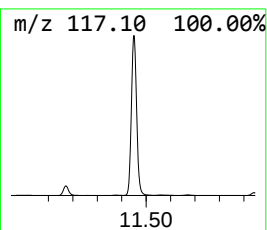
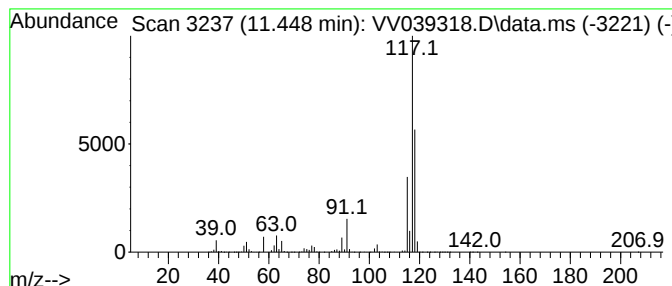
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.448	80.03 ug/l	8814370	1,4-Dichlorobenzene-d4	11.172

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
3			Deltacyclene	118	C9H10	007785-10-6	72
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	60



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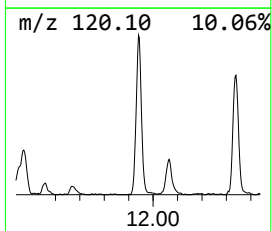
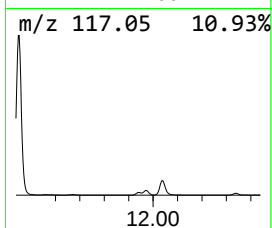
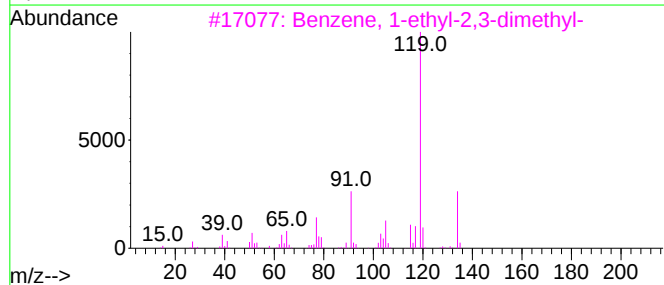
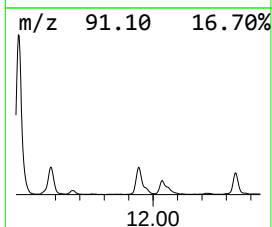
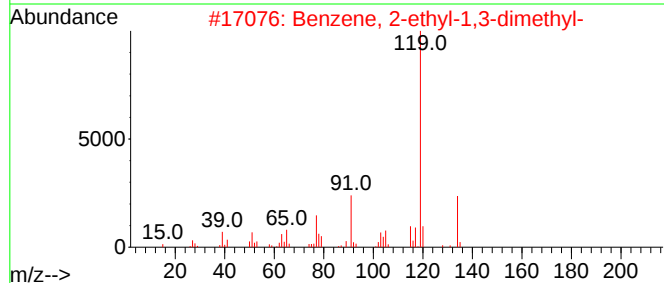
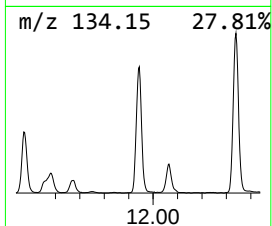
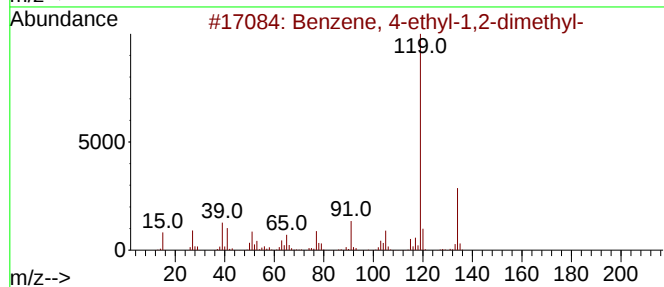
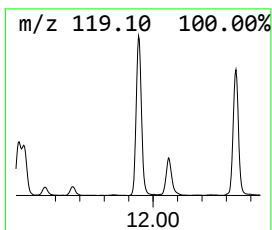
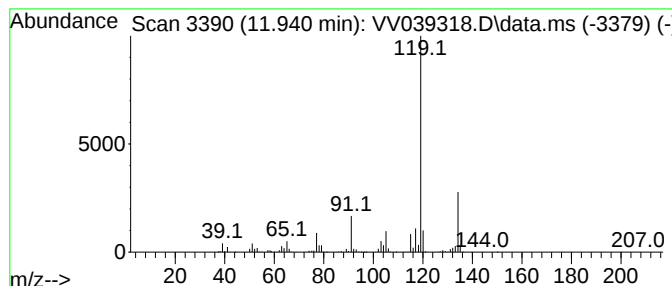
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Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	10.76 ug/l	1184990	1,4-Dichlorobenzene-d4	11.172

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			o-Cymene	134	C10H14	000527-84-4	94



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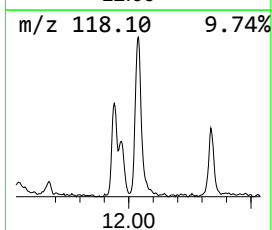
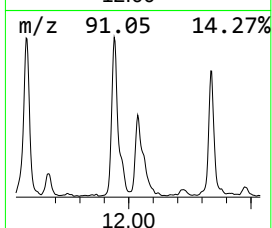
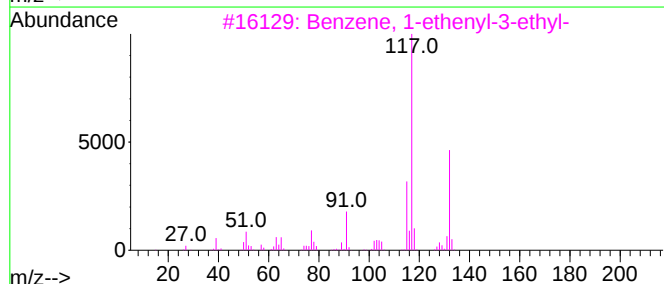
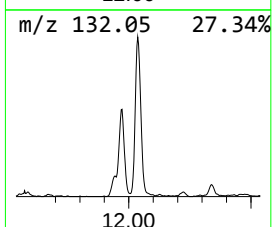
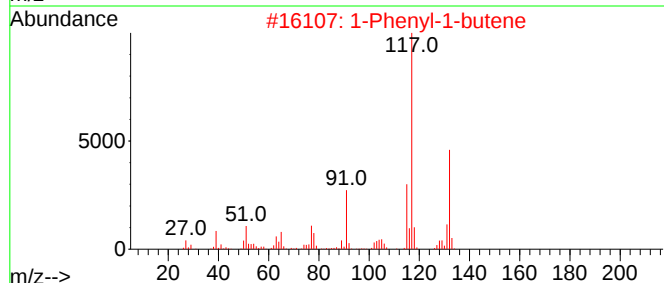
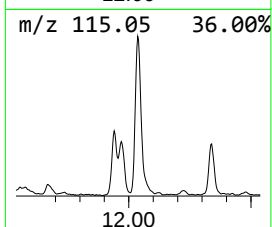
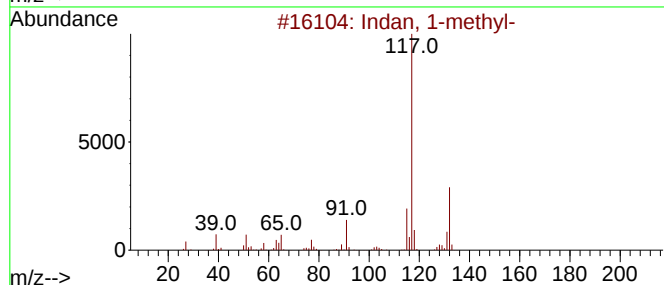
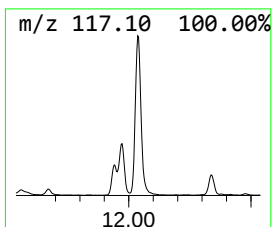
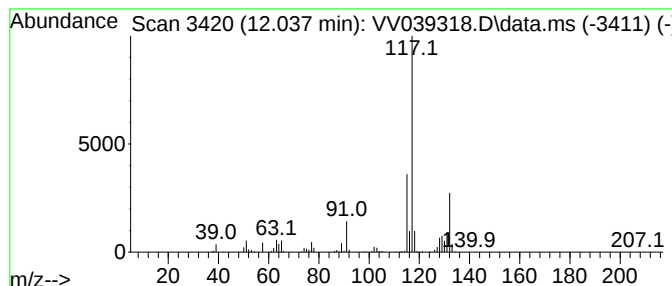
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.037	10.40 ug/l	1145470	1,4-Dichlorobenzene-d4	11.172

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	87
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86



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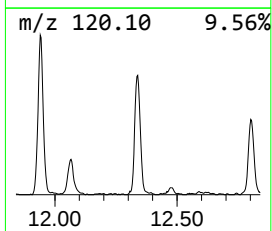
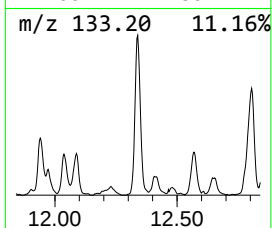
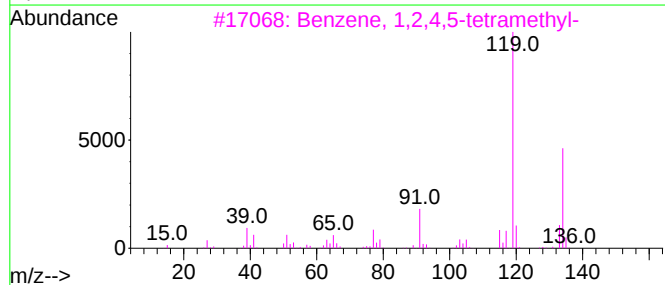
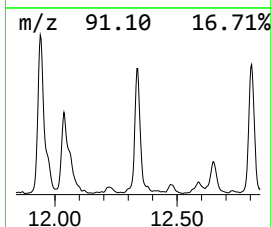
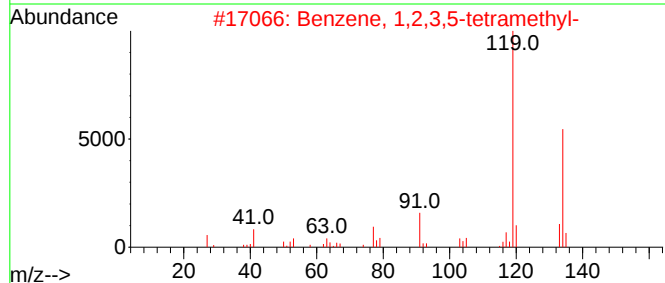
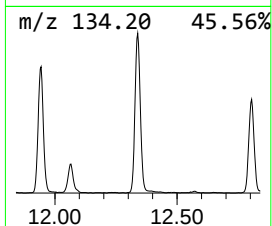
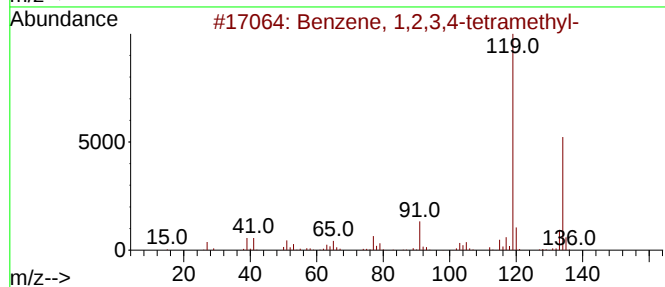
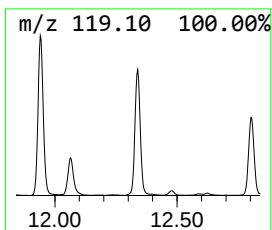
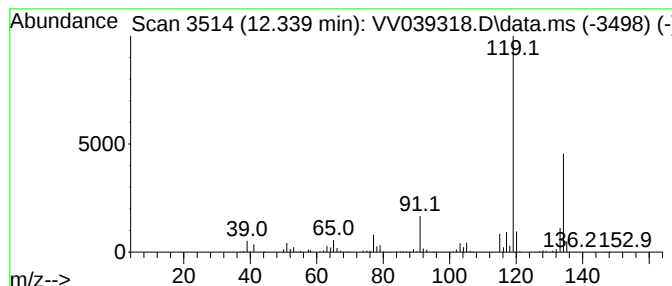
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	10.04 ug/l	1105450	1,4-Dichlorobenzene-d4	11.172

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.198	12.4	ug/l	727705	1	4.600	2925590	50.0
Indane	11.448	80.0	ug/l	8814370	4	11.172	5506960	50.0
Benzene, 4-ethy...	11.940	10.8	ug/l	1184990	4	11.172	5506960	50.0
Indan, 1-methyl-	12.037	10.4	ug/l	1145470	4	11.172	5506960	50.0
Benzene, 1,2,3,...	12.339	10.0	ug/l	1105450	4	11.172	5506960	50.0