

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045009.D
 Acq On : 29 Sep 2021 21:34
 Operator : SY/MD
 Sample : M3926-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-2-0921

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_U\Method\82U092821W.M

Title : SW846 8260

Signal : TIC: VU045009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	1243	1256	1275	rVB	316131	650757	1.38%	0.450%
2	6.253	1512	1528	1546	rBV	471617	886583	1.87%	0.613%
3	7.899	2016	2040	2058	rBV	729814	1288881	2.73%	0.891%
4	9.420	2501	2513	2527	rBV	683755	1099197	2.32%	0.760%
5	9.575	2549	2561	2574	rVB	1848618	2914917	6.16%	2.015%
6	9.700	2581	2600	2614	rBV	1714915	2895365	6.12%	2.001%
7	10.275	2754	2779	2789	rBV4	256275	761224	1.61%	0.526%
8	10.362	2795	2806	2826	rVB6	237152	637521	1.35%	0.441%
9	10.488	2827	2845	2856	rBV	3174105	4943943	10.45%	3.417%
10	10.636	2879	2891	2902	rVB	581307	939644	1.99%	0.650%
11	10.909	2963	2976	2994	rBV	5527710	8473021	17.91%	5.857%
12	11.002	2994	3005	3008	rBV	1659028	2421083	5.12%	1.674%
13	11.092	3022	3033	3055	rVB	1768843	3029758	6.41%	2.094%
14	11.308	3087	3100	3117	rBV9	205109	574006	1.21%	0.397%
15	11.423	3126	3136	3141	rBV2	477692	734712	1.55%	0.508%
16	11.478	3141	3153	3176	rVB2	30469641	47296968	100.00%	32.693%
17	11.613	3177	3195	3199	rBV	697092	1126211	2.38%	0.778%
18	11.648	3200	3206	3218	rVB	1347564	2019748	4.27%	1.396%
19	11.748	3230	3237	3245	rVB	512957	729924	1.54%	0.505%
20	11.812	3245	3257	3271	rVB3	807894	1680733	3.55%	1.162%
21	11.899	3271	3284	3307	rVB	11432510	17481890	36.96%	12.084%
22	12.012	3309	3319	3333	rVB	590522	956303	2.02%	0.661%
23	12.099	3334	3346	3364	rBV2	5837907	9741189	20.60%	6.733%
24	12.189	3364	3374	3395	rVB4	1276073	3232117	6.83%	2.234%
25	12.304	3399	3410	3423	rBV	659890	1064881	2.25%	0.736%
26	12.378	3425	3433	3449	rVB	277877	477425	1.01%	0.330%
27	12.468	3450	3461	3466	rBV	1230729	1934668	4.09%	1.337%
28	12.500	3466	3471	3481	rVV	1253760	1755232	3.71%	1.213%
29	12.574	3483	3494	3502	rVV	2790071	4271428	9.03%	2.953%
30	12.616	3502	3507	3518	rVB	929979	1320681	2.79%	0.913%
31	12.687	3518	3529	3548	rBV3	2122239	4530304	9.58%	3.131%
32	12.877	3577	3588	3599	rVB4	783998	1441729	3.05%	0.997%
33	12.976	3600	3619	3627	rVV	1216207	2079820	4.40%	1.438%
34	13.031	3627	3636	3651	rVB	1795201	2786693	5.89%	1.926%
35	13.452	3757	3767	3784	rVB2	2145282	3678319	7.78%	2.543%
36	13.626	3812	3821	3839	rVB	492993	804431	1.70%	0.556%

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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_U\Method\82U092821W.M
Title : SW846 8260

37	14.089	3950	3965	3985	rVB	1189407	2007738	4.24%	1.388%
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Sum of corrected areas: 144669044

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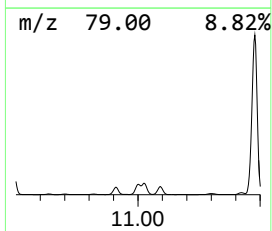
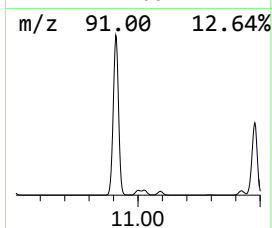
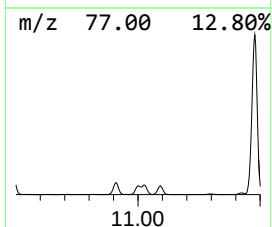
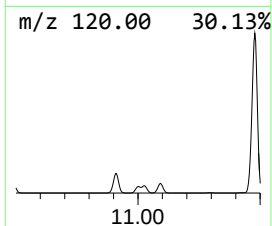
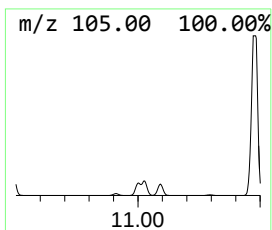
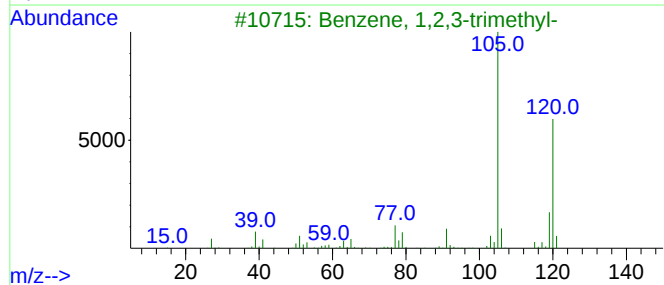
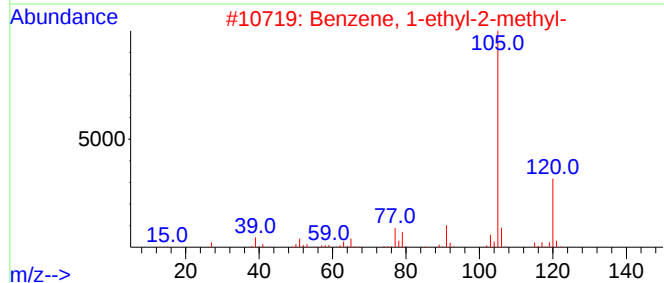
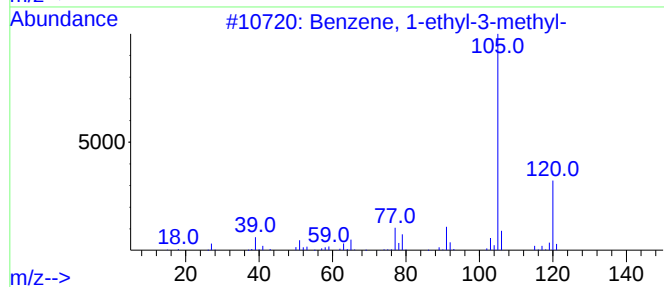
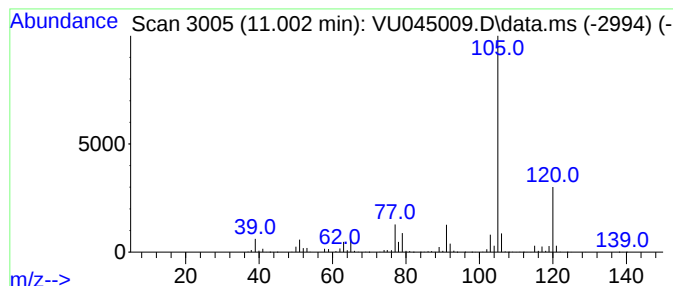
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.002	72.02 ug/l	2421080	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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Instrument :
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ClientSampleId :
EP-1-MW-2-0921

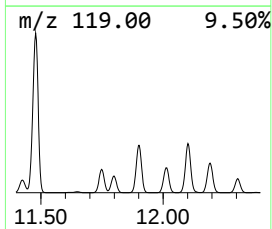
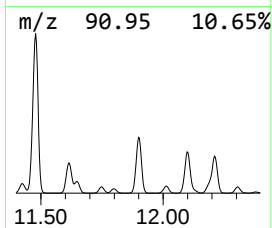
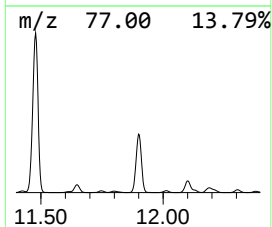
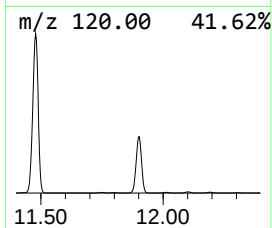
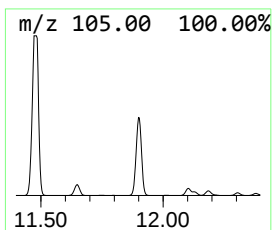
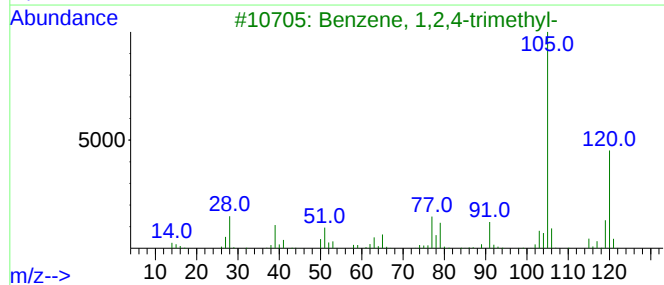
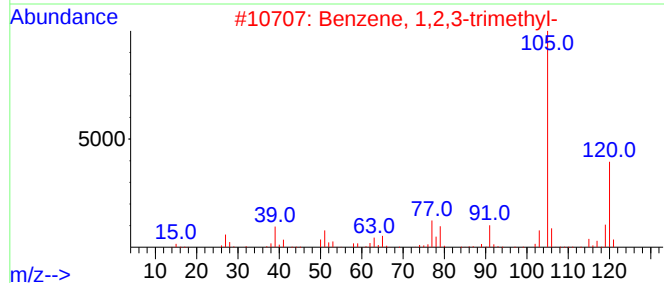
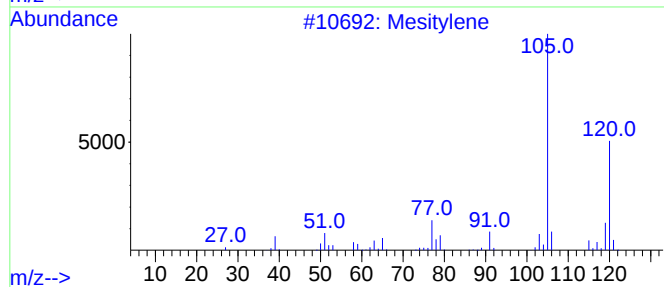
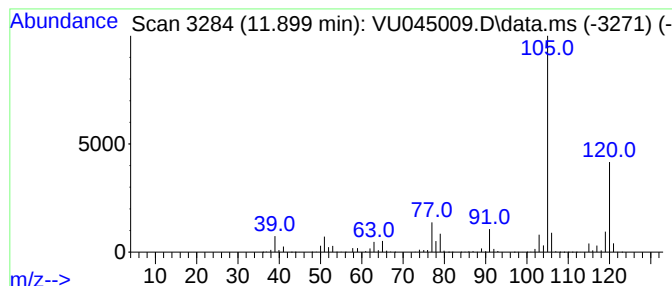
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	520.07 ug/l	17481900	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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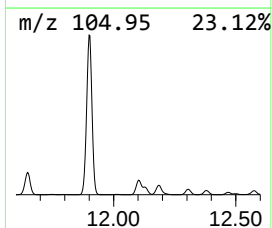
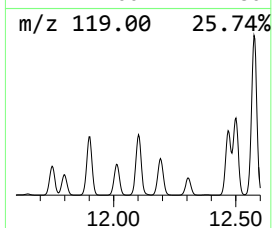
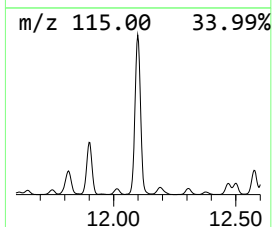
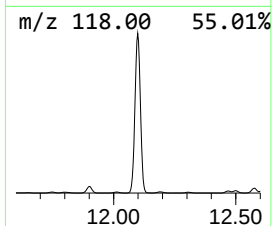
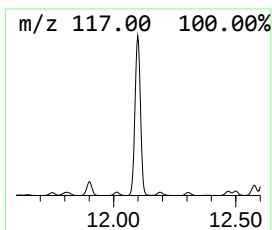
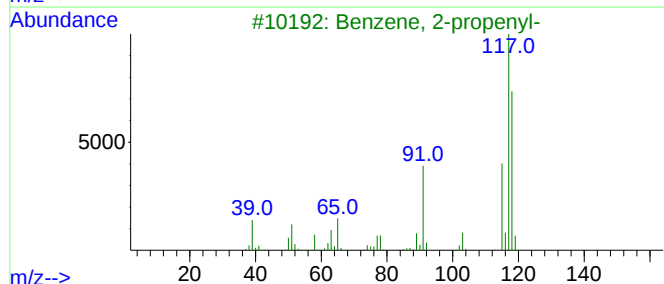
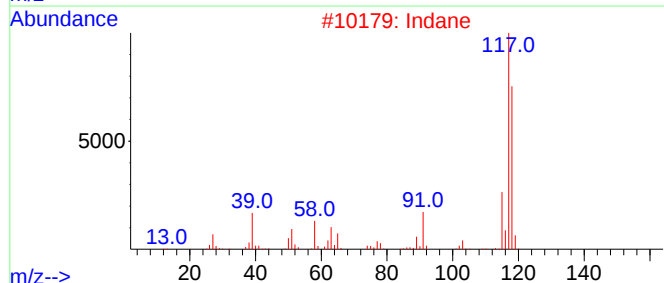
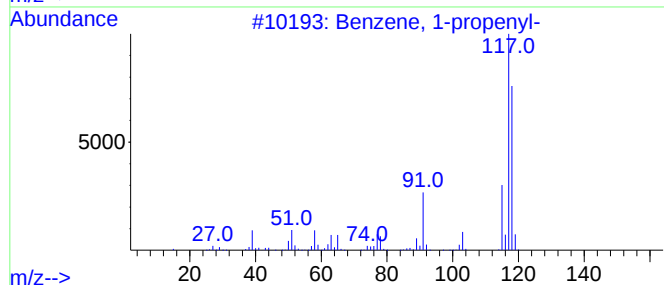
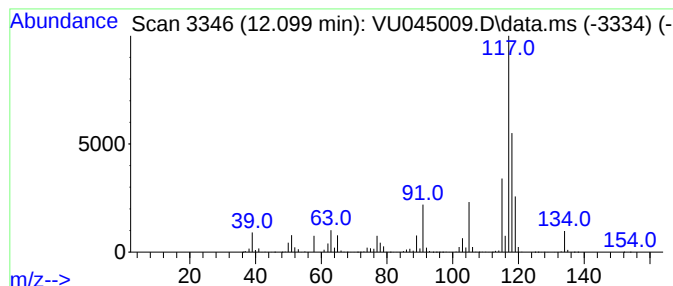
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	289.79 ug/l	9741190	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2			Indane	118	C9H10	000496-11-7	70
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64



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Instrument :
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ClientSampleId :
EP-1-MW-2-0921

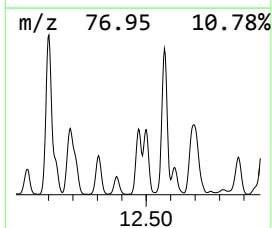
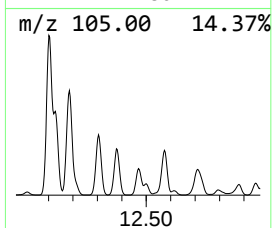
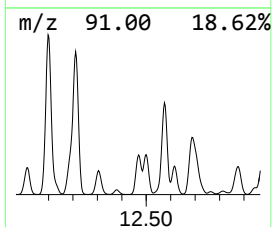
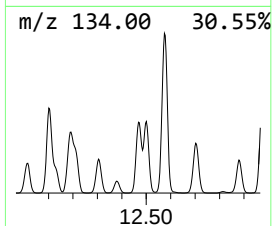
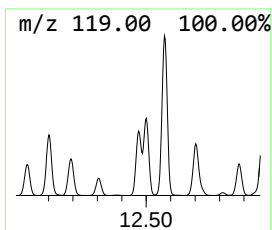
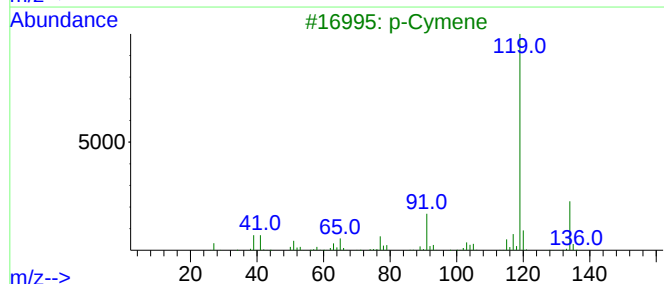
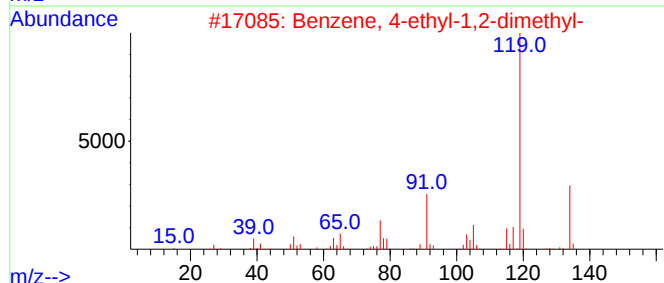
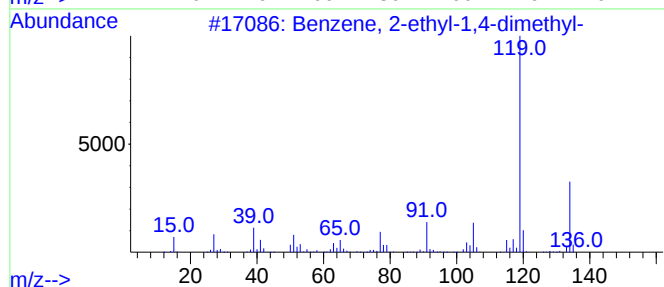
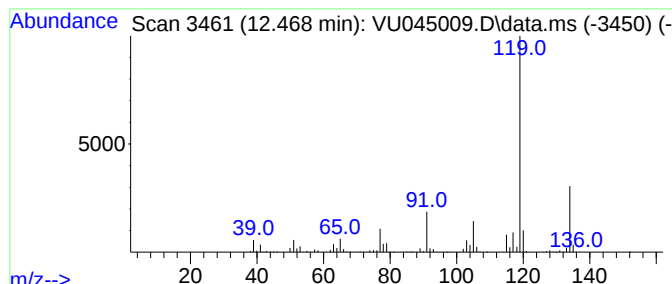
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	57.55 ug/l	1934670	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			p-Cymene	134	C10H14	000099-87-6	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



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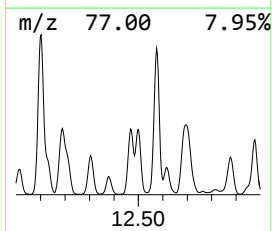
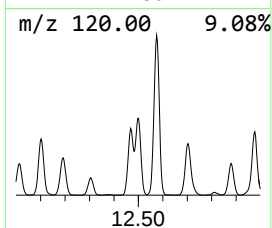
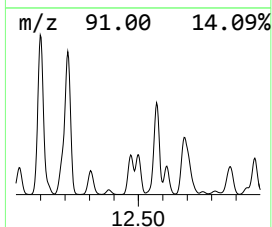
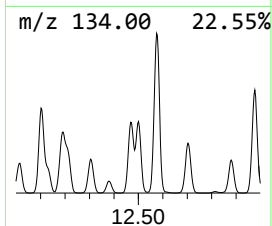
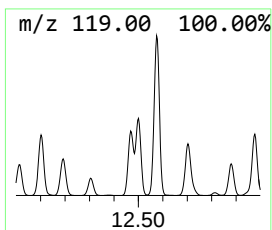
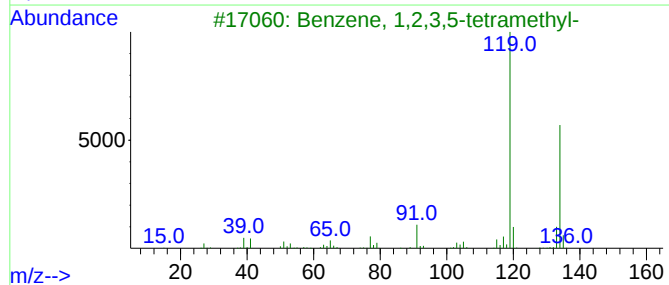
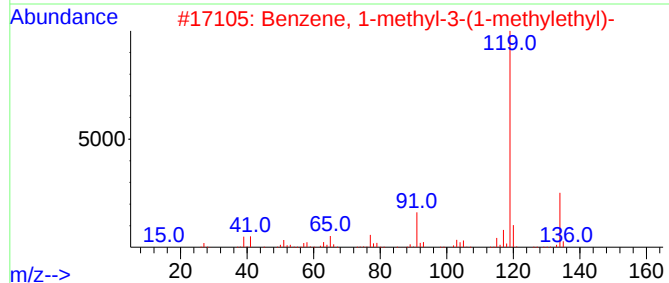
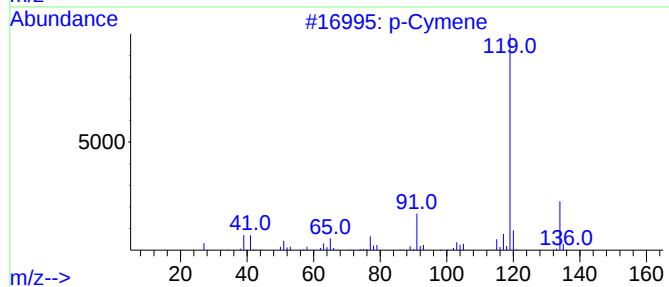
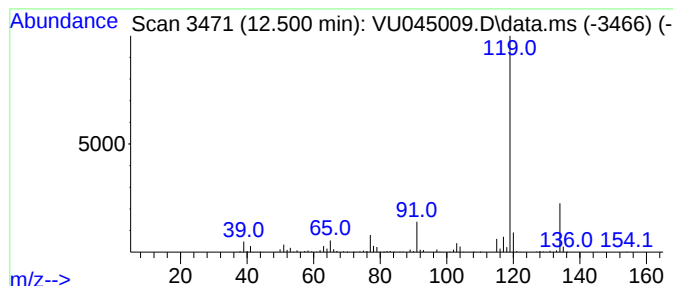
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

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

Peak Number 5 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.500	52.22 ug/l	1755230	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	94
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045009.D
Acq On : 29 Sep 2021 21:34
Operator : SY/MD
Sample : M3926-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

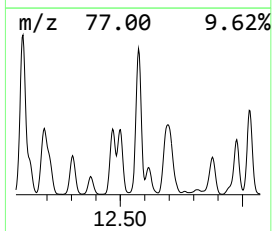
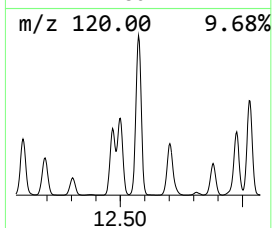
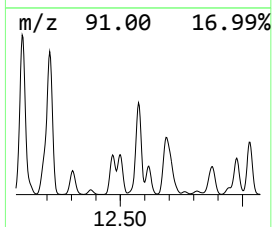
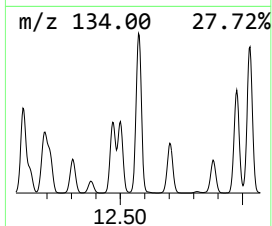
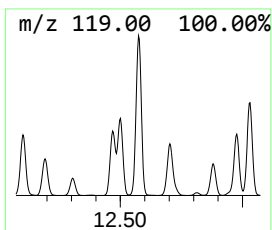
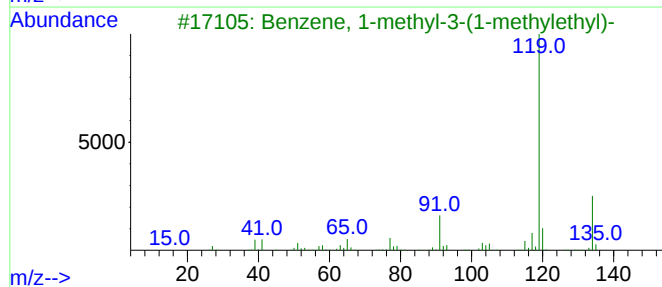
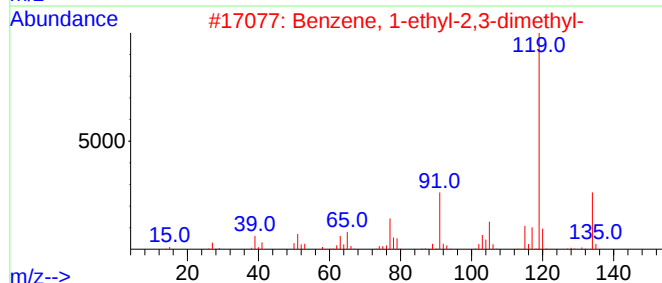
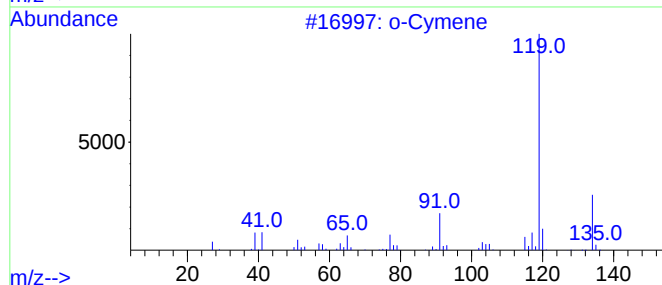
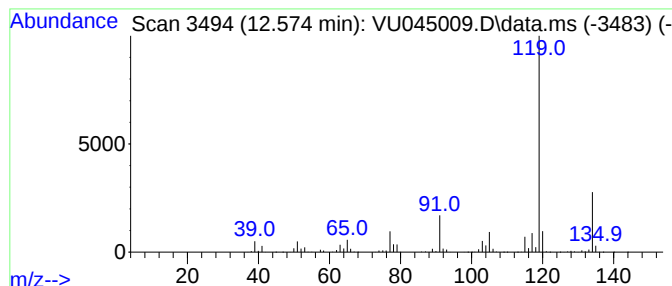
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	127.07 ug/l	4271430	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 1-methyl-3-(1-methyleth...)	134	C10H14	000535-77-3	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045009.D
Acq On : 29 Sep 2021 21:34
Operator : SY/MD
Sample : M3926-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

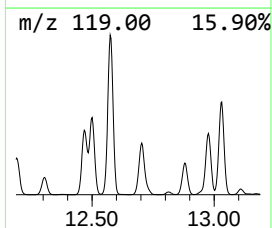
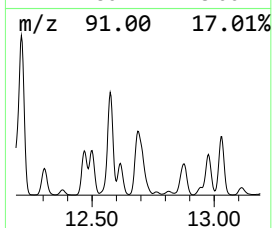
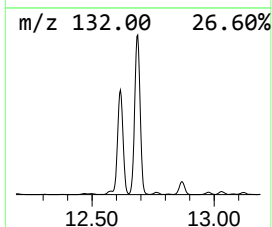
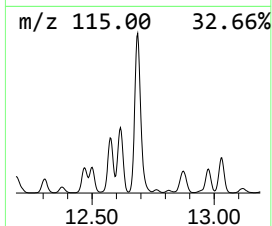
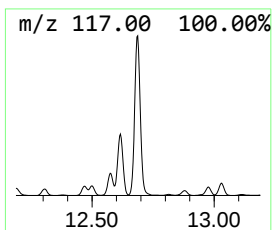
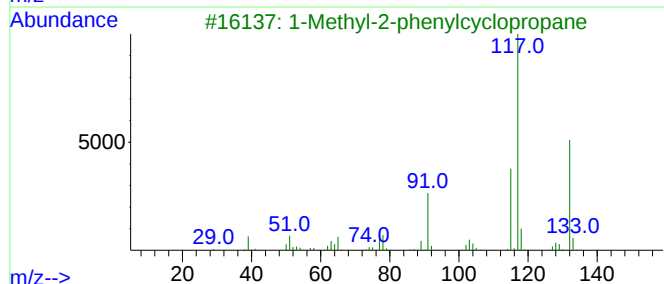
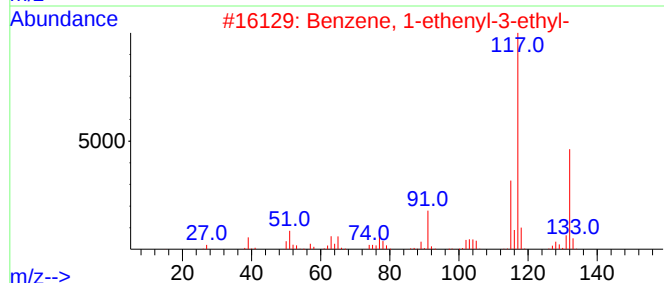
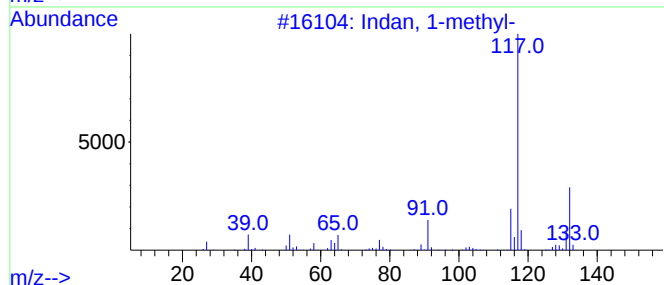
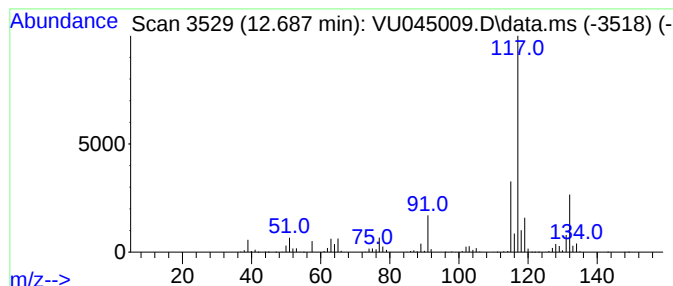
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Quant Title : SW846 8260

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

Peak Number 7 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	134.77 ug/l	4530300	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	94
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045009.D
Acq On : 29 Sep 2021 21:34
Operator : SY/MD
Sample : M3926-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

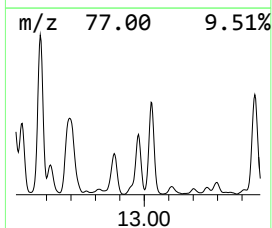
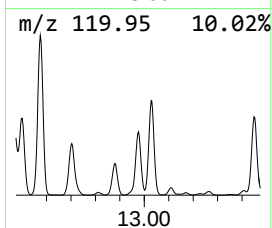
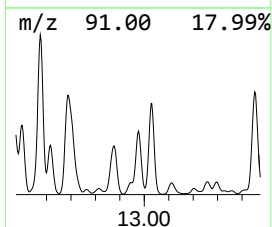
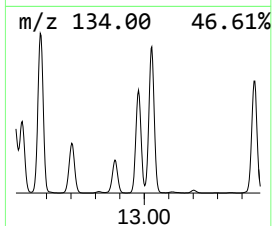
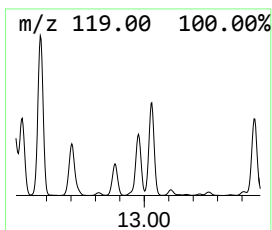
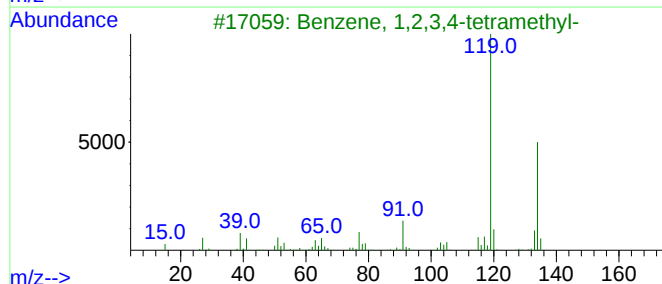
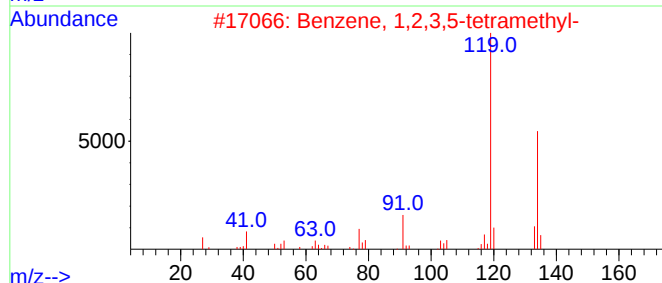
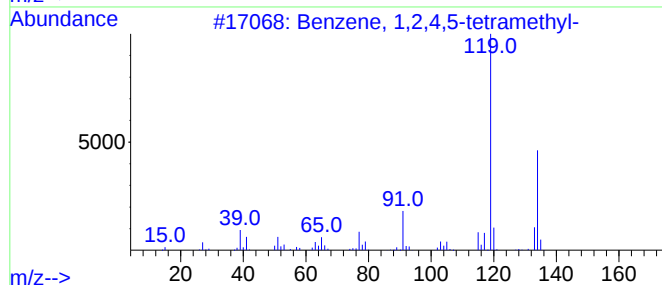
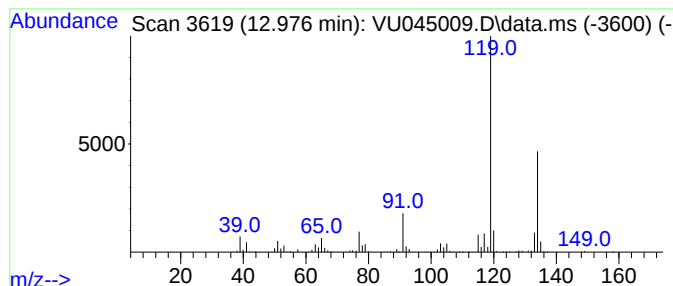
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	61.87 ug/l	2079820	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045009.D
Acq On : 29 Sep 2021 21:34
Operator : SY/MD
Sample : M3926-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

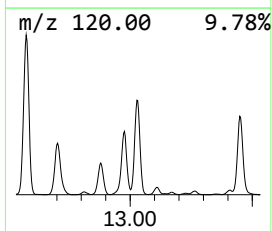
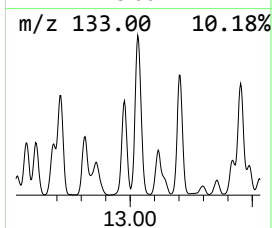
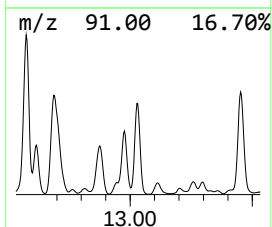
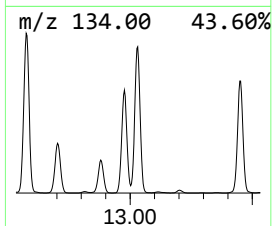
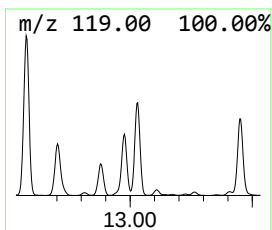
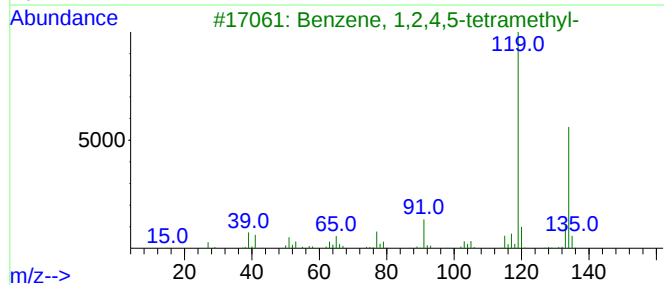
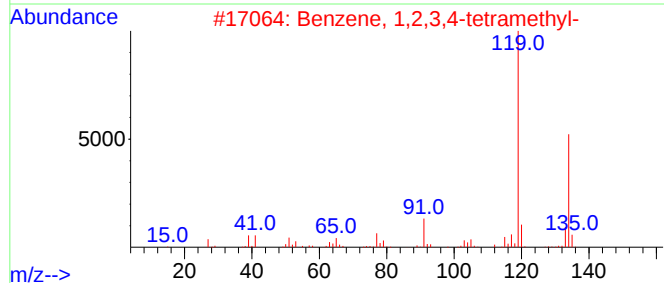
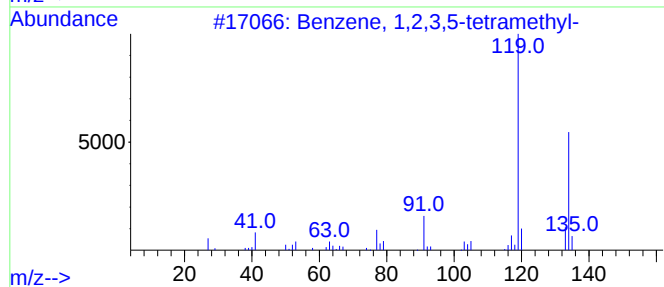
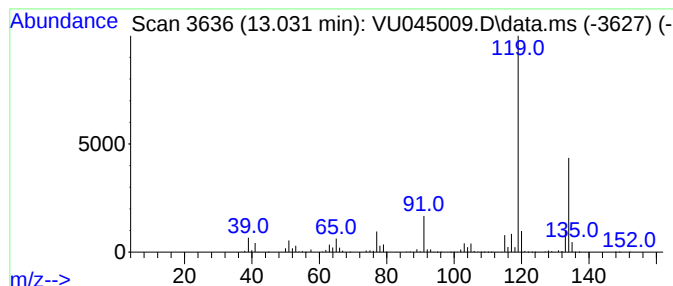
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	82.90 ug/l	2786690	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045009.D
Acq On : 29 Sep 2021 21:34
Operator : SY/MD
Sample : M3926-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

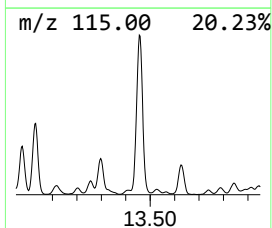
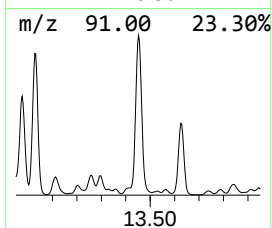
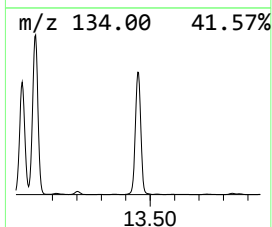
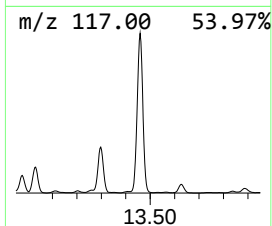
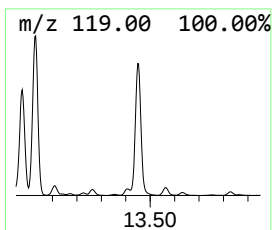
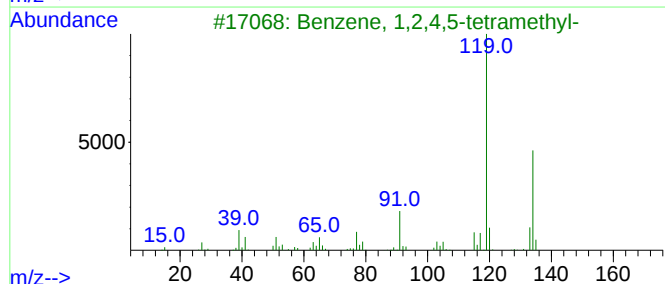
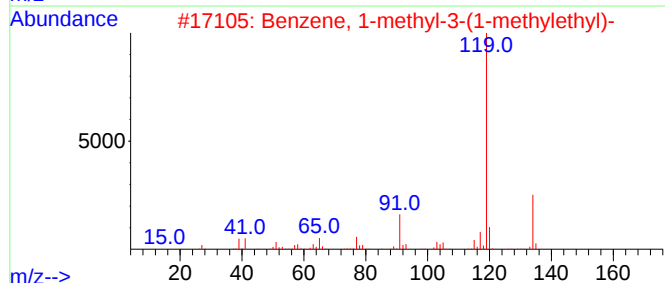
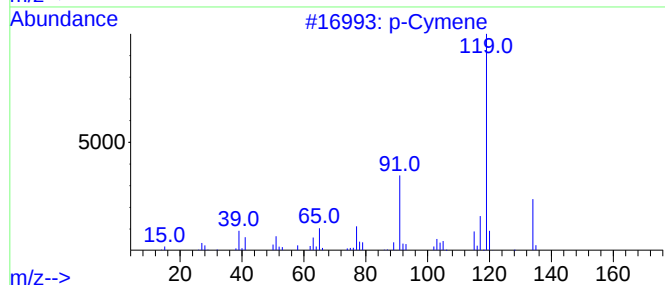
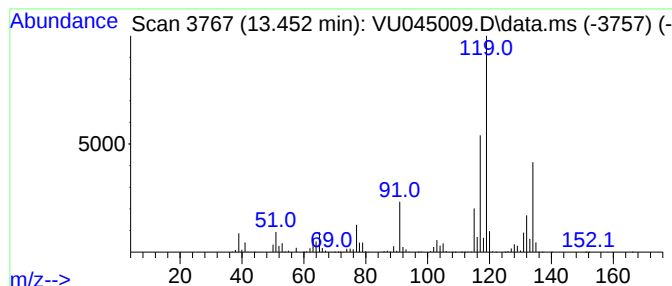
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	109.43 ug/l	3678320	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	64
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4			o-Cymene	134	C10H14	000527-84-4	64
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045009.D
Acq On : 29 Sep 2021 21:34
Operator : SY/MD
Sample : M3926-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1,2,3-...	11.899	520.1	ug/l	17481900	4	11.816	1680730	50.0
Benzene, 1-prop...	12.099	289.8	ug/l	9741190	4	11.816	1680730	50.0
Benzene, 2-ethy...	12.468	57.5	ug/l	1934670	4	11.816	1680730	50.0
p-Cymene	12.500	52.2	ug/l	1755230	4	11.816	1680730	50.0
o-Cymene	12.574	127.1	ug/l	4271430	4	11.816	1680730	50.0
Indan, 1-methyl-	12.687	134.8	ug/l	4530300	4	11.816	1680730	50.0
Benzene, 1,2,4,...	12.976	61.9	ug/l	2079820	4	11.816	1680730	50.0
Benzene, 1,2,3,...	13.031	82.9	ug/l	2786690	4	11.816	1680730	50.0
Benzene, 1-meth...	13.452	109.4	ug/l	3678320	4	11.816	1680730	50.0